

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110218\
 Data File : VU027907.D
 Acq On : 01 Nov 2018 19:59
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 02 01:52:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 01:48:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	174351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306969	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	258849	89.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.50%	
35) Dibromofluoromethane	4.88	113	195241	93.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.12%	
50) Toluene-d8	7.57	98	751577	96.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.00%	
62) 4-Bromofluorobenzene	10.31	95	291025	100.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	237920	96.727	ug/l	98
3) Chloromethane	1.33	50	276113	84.079	ug/l	100
4) Vinyl Chloride	1.40	62	271457	87.308	ug/l	99
5) Bromomethane	1.60	94	129164	96.416	ug/l	100
6) Chloroethane	1.68	64	154942	82.645	ug/l	99
7) Trichlorofluoromethane	1.88	101	310400	96.055	ug/l	97
8) Diethyl Ether	2.10	74	129666	88.291	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	189397	100.617	ug/l	99
10) Methyl Iodide	2.41	142	179572	129.628	ug/l	98
11) Tert butyl alcohol	2.84	59	335273	528.088	ug/l	100
12) 1,1-Dichloroethene	2.28	96	185850	101.027	ug/l	97
13) Acrolein	2.20	56	127222	274.955	ug/l	97
14) Allyl chloride	2.59	41	497154	113.884	ug/l	90
15) Acrylonitrile	2.94	53	854259	526.201	ug/l	100
16) Acetone	2.32	43	727707	428.797	ug/l	100
17) Carbon Disulfide	2.47	76	612927	93.235	ug/l	99
18) Methyl Acetate	2.62	43	420395	104.564	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	739198	99.895	ug/l	100
20) Methylene Chloride	2.70	84	229220	95.387	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	204070	98.038	ug/l	94
22) Diisopropyl ether	3.58	45	927526	103.534	ug/l	98
23) Vinyl Acetate	3.53	43	4104166	524.869	ug/l	100
24) 1,1-Dichloroethane	3.45	63	449472	98.357	ug/l	99
25) 2-Butanone	4.26	43	1286392	538.187	ug/l	99
26) 2,2-Dichloropropane	4.23	77	333561	90.169	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	241057	100.915	ug/l	99
28) Bromochloromethane	4.55	49	215419	99.283	ug/l	99
29) Tetrahydrofuran	4.64	42	840672	553.502	ug/l	100
30) Chloroform	4.68	83	412404	101.137	ug/l	100
31) Cyclohexane	5.00	56	450422	84.483	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	343372	100.374	ug/l	99
36) 1,1-Dichloropropene	5.14	75	318638	96.207	ug/l	99
37) Ethyl Acetate	4.38	43	462477	105.339	ug/l	99
38) Carbon Tetrachloride	5.13	117	283270	94.739	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	397287	102.331	ug/l	99
40) Benzene	5.39	78	972130	99.404	ug/l	100
41) Methacrylonitrile	4.54	41	259830	104.973	ug/l	99
42) 1,2-Dichloroethane	5.41	62	339270	94.574	ug/l	100
43) Isopropyl Acetate	5.55	43	737573	108.501	ug/l	99
44) Trichloroethene	6.19	130	211867	97.992	ug/l	100
45) 1,2-Dichloropropane	6.43	63	280311	99.771	ug/l	97
46) Dibromomethane	6.56	93	166327	104.766	ug/l	96
47) Bromodichloromethane	6.76	83	325018	99.453	ug/l	100
48) Methyl methacrylate	6.62	41	372940	110.221	ug/l	100
49) 1,4-Dioxane	6.61	88	122413	2121.597	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	2479166	557.835	ug/l	100
52) Toluene	7.64	92	582988	101.263	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	389646	101.863	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	414978	100.830	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	236927	103.785	ug/l	97
56) Ethyl methacrylate	8.02	69	437908	114.258	ug/l	99
57) 1,3-Dichloropropane	8.24	76	433952	98.280	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	1158949	552.317	ug/l	100
59) 2-Hexanone	8.36	43	1957699	566.664	ug/l	99
60) Dibromochloromethane	8.48	129	242433	105.704	ug/l	98
61) 1,2-Dibromoethane	8.59	107	257420	104.995	ug/l	99
64) Tetrachloroethene	8.23	164	180288	99.791	ug/l	98
65) Chlorobenzene	9.12	112	611858	99.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	216875	102.744	ug/l	100
67) Ethyl Benzene	9.25	91	1151951	105.933	ug/l	100
68) m/p-Xylenes	9.38	106	845277	213.176	ug/l	99
69) o-Xylene	9.78	106	416467	110.016	ug/l	99
70) Styrene	9.79	104	705873	113.493	ug/l	99
71) Bromoform	9.96	173	194648	113.437	ug/l #	98
73) Isopropylbenzene	10.17	105	1126629	102.044	ug/l	99
74) N-amyl acetate	10.01	43	707218	109.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	446773	101.509	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	533314	135.470	ug/l	81
77) Bromobenzene	10.45	156	269057	103.815	ug/l	100
78) n-propylbenzene	10.59	91	1402632	105.613	ug/l	99
79) 2-Chlorotoluene	10.66	91	801060	99.889	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	954435	105.510	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	533314	350.052	ug/l #	100
82) 4-Chlorotoluene	10.77	91	941915	103.803	ug/l	99
83) tert-Butylbenzene	11.10	119	938619	107.351	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	981745	106.639	ug/l	100
85) sec-Butylbenzene	11.32	105	1178710	107.121	ug/l	100
86) p-Isopropyltoluene	11.48	119	1010005	107.760	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	496181	101.835	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	502142	100.925	ug/l	99
89) n-Butylbenzene	11.89	91	1010678	114.871	ug/l	100
90) Hexachloroethane	12.15	117	183155	103.950	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	499579	104.776	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	104515	108.074	ug/l	99

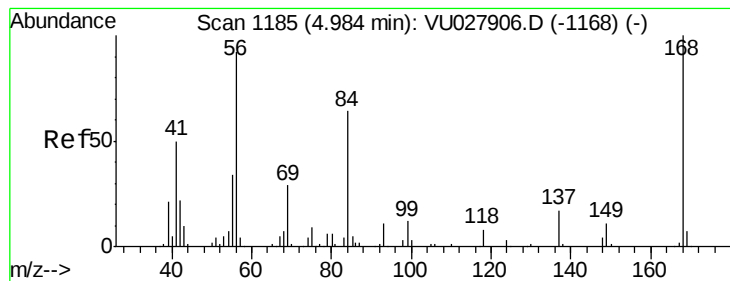
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	358807	116.157	ug/l	99
94) Hexachlorobutadiene	13.69	225	166788	107.498	ug/l	99
95) Naphthalene	13.74	128	1258793	119.572	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	359783	111.337	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

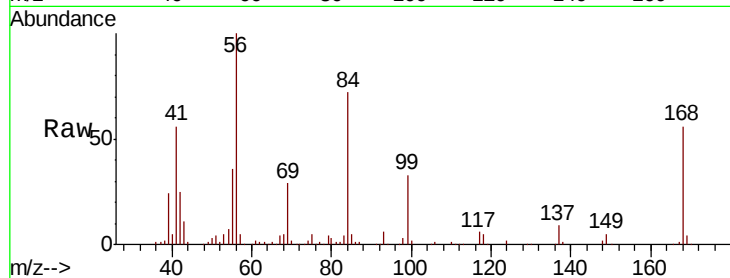
VSTDIC100

Tgt Ion:168 Resp: 174351

Ion Ratio Lower Upper

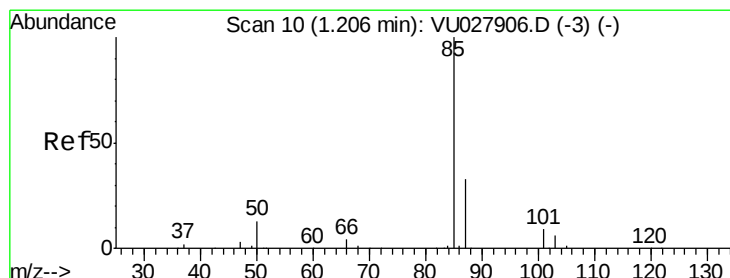
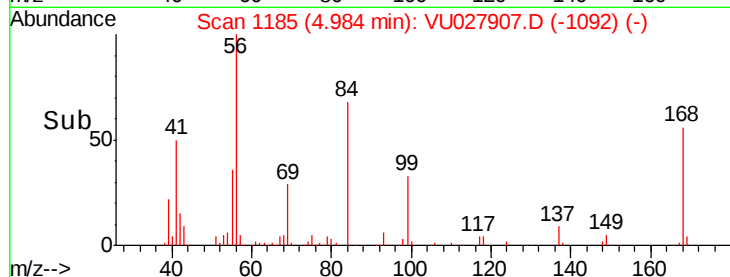
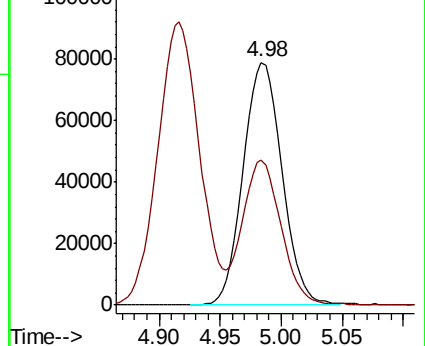
168 100

99 59.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)



#2

Dichlorodifluoromethane

Concen: 96.727 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027907.D

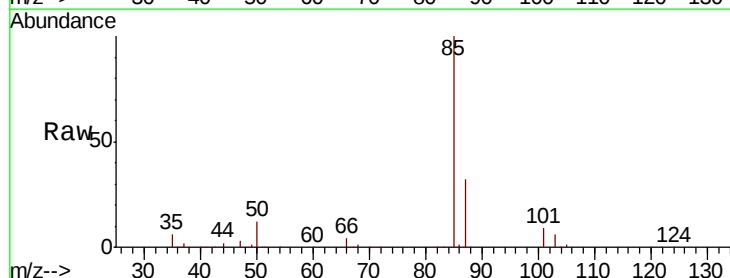
Acq: 01 Nov 2018 19:59

Tgt Ion: 85 Resp: 237920

Ion Ratio Lower Upper

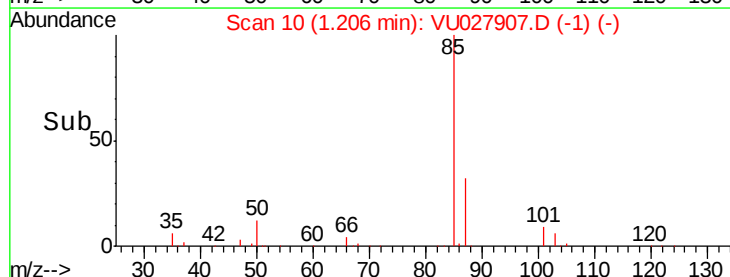
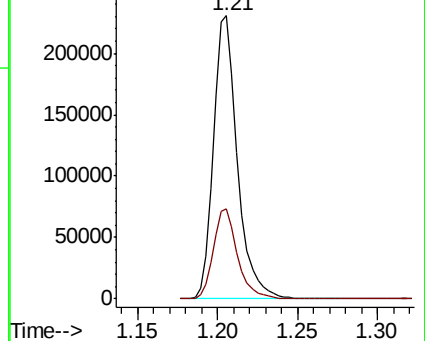
85 100

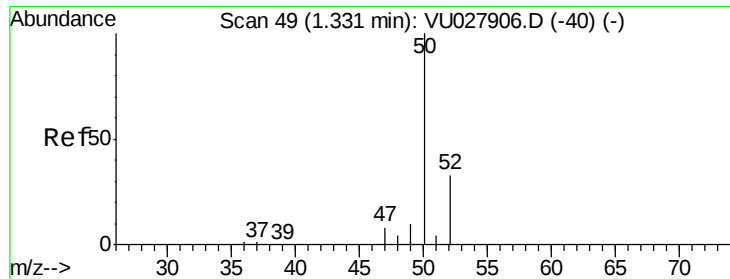
87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027906.D (-3) (-)





#3

Chloromethane

Concen: 84.079 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

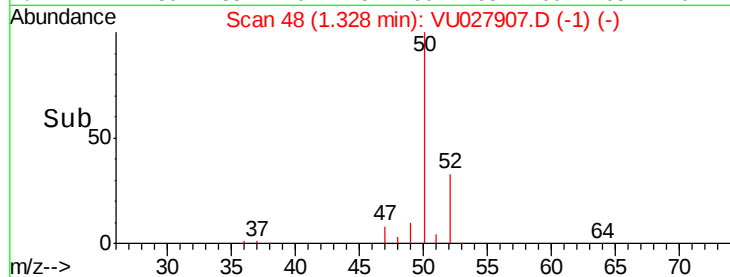
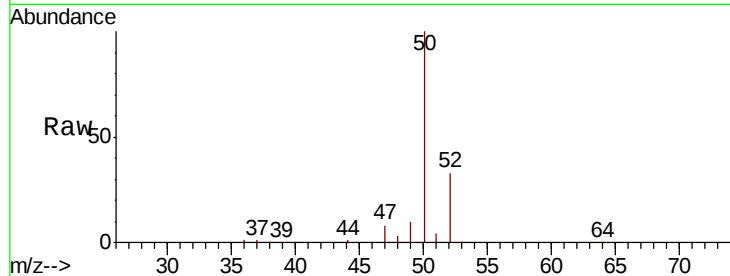
VSTDIC100

Tgt Ion: 50 Resp: 276113

Ion Ratio Lower Upper

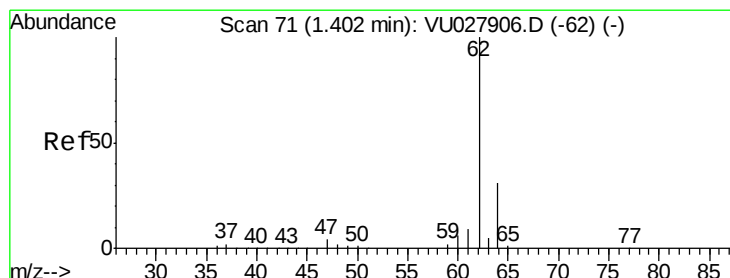
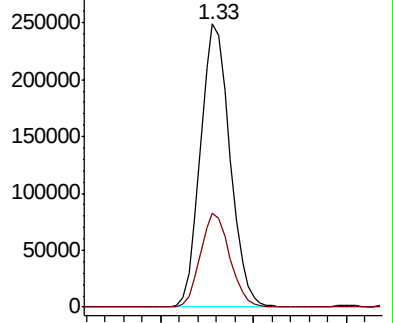
50 100

52 33.1 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 87.308 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027907.D

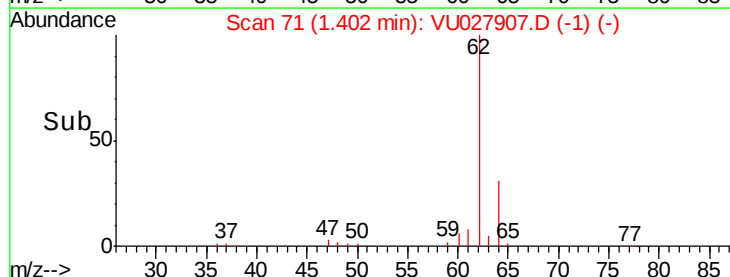
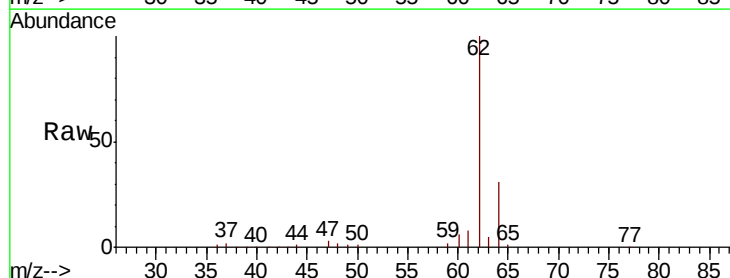
Acq: 01 Nov 2018 19:59

Tgt Ion: 62 Resp: 271457

Ion Ratio Lower Upper

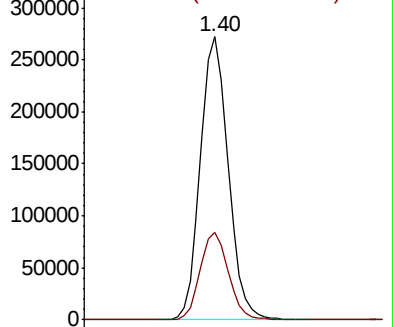
62 100

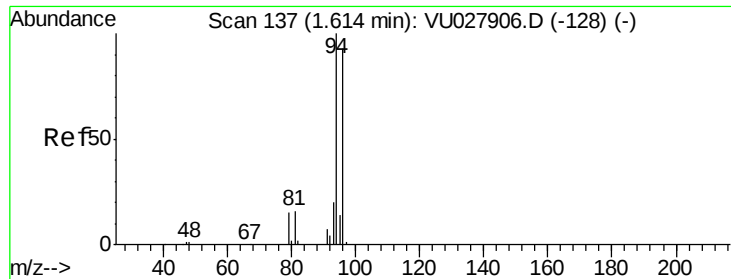
64 31.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 96.416 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.01 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

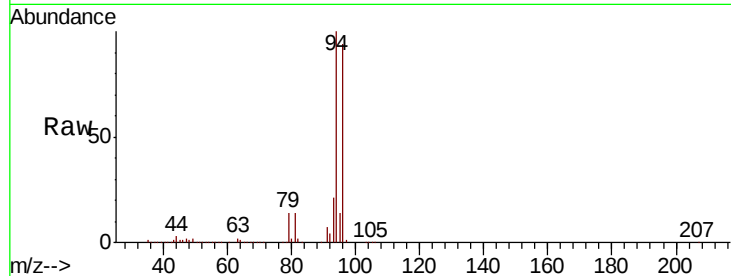
VSTDIC100

Tgt Ion: 94 Resp: 129164

Ion Ratio Lower Upper

94 100

96 93.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VU027907.D (-134) (-)

Ion 95.90 (95.60 to 96.60): VU027907.D (-134) (-)

1.60

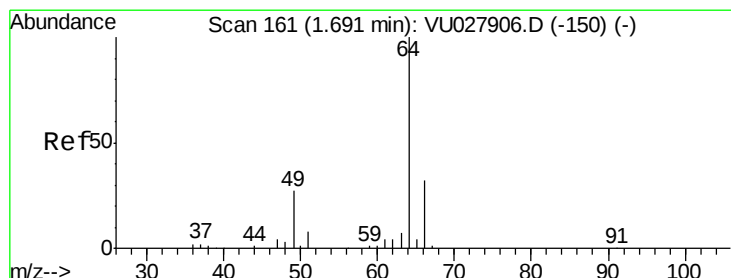
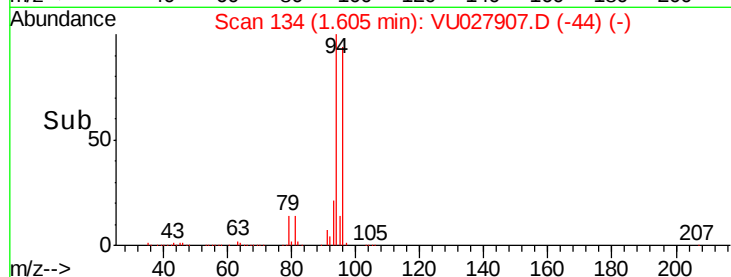
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 82.645 ug/l

RT: 1.68 min Scan# 158

Delta R.T. -0.01 min

Lab File: VU027907.D

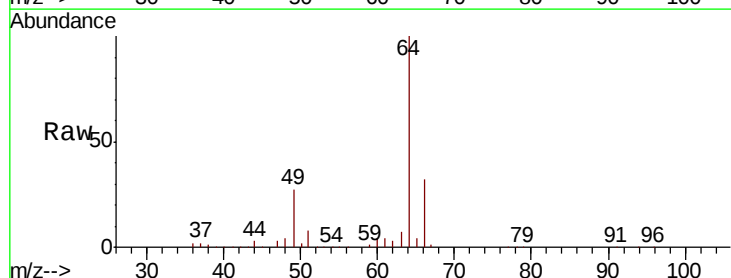
Acq: 01 Nov 2018 19:59

Tgt Ion: 64 Resp: 154942

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VU027907.D (-158) (-)

Ion 65.90 (65.60 to 66.60): VU027907.D (-158) (-)

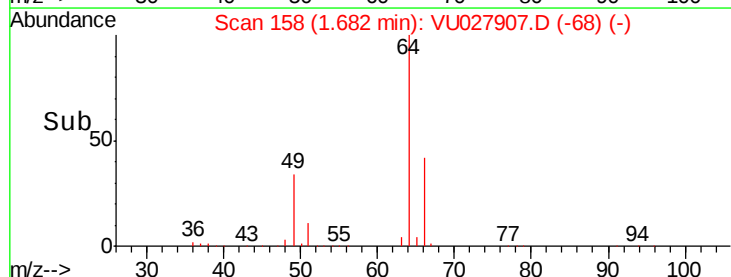
1.68

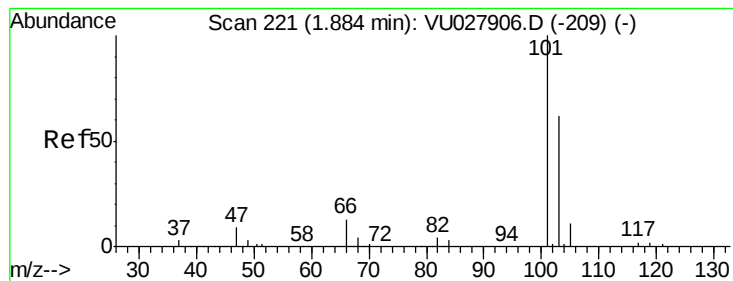
100000

50000

0

Time-->





#7

Trichlorofluoromethane

Concen: 96.055 ug/l

RT: 1.88 min Scan# 219

Delta R.T. -0.01 min

Lab File: VU027907.D

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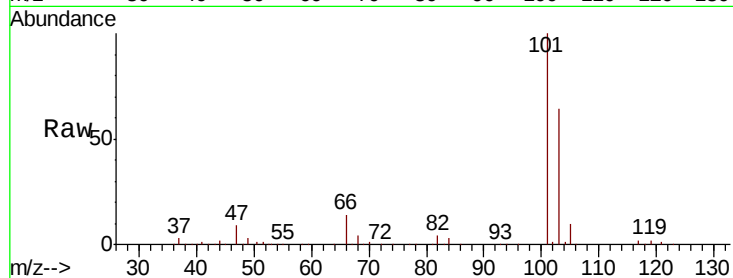
VSTDIC100

Tgt Ion: 101 Resp: 310400

Ion Ratio Lower Upper

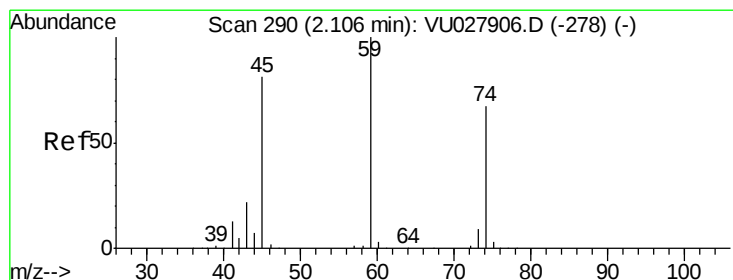
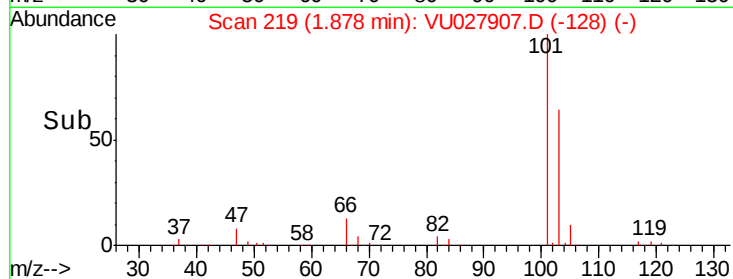
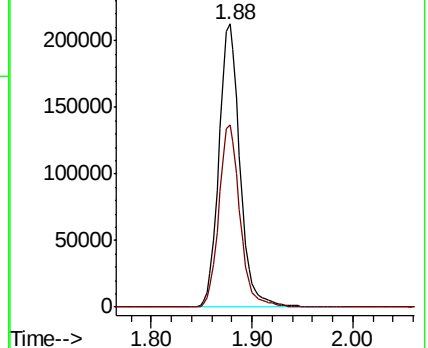
101 100

103 64.4 49.4 74.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 88.291 ug/l

RT: 2.10 min Scan# 289

Delta R.T. -0.00 min

Lab File: VU027907.D

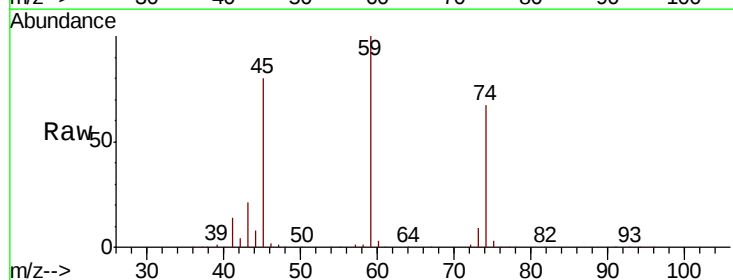
Acq: 01 Nov 2018 19:59

Tgt Ion: 74 Resp: 129666

Ion Ratio Lower Upper

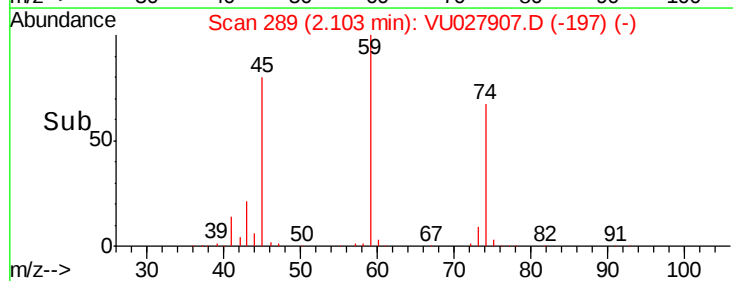
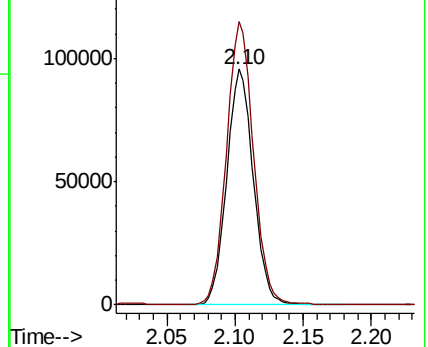
74 100

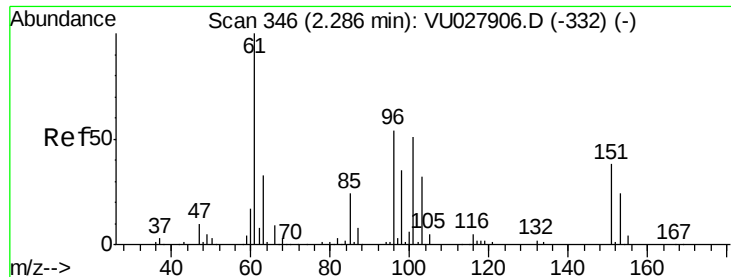
45 121.6 60.5 181.5



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.617 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

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ClientSampleId :

VSTDIC100

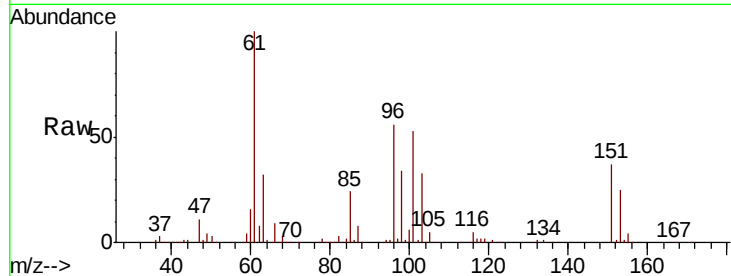
Tgt Ion:101 Resp: 189397

Ion Ratio Lower Upper

101 100

85 45.7 36.9 55.3

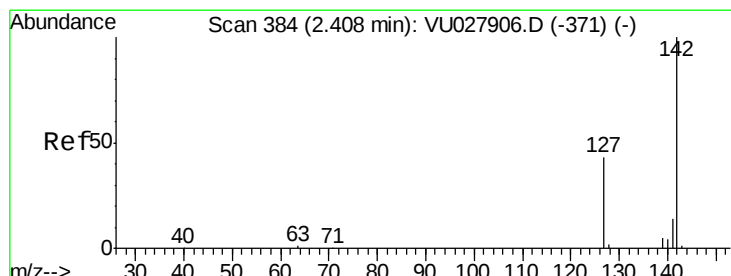
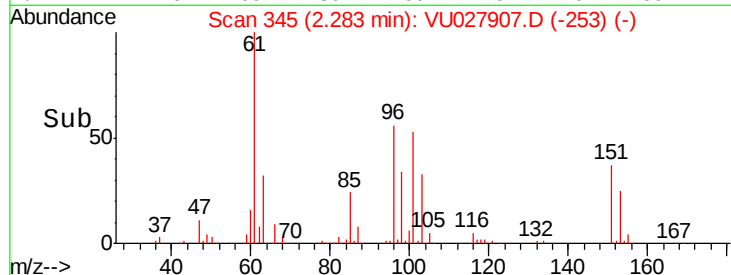
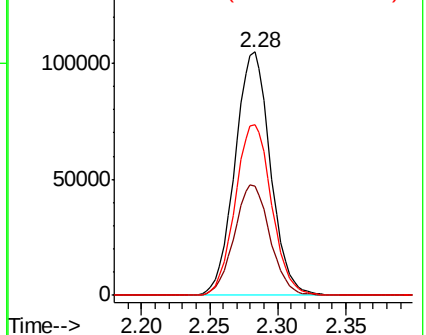
151 72.1 58.0 87.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 129.628 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

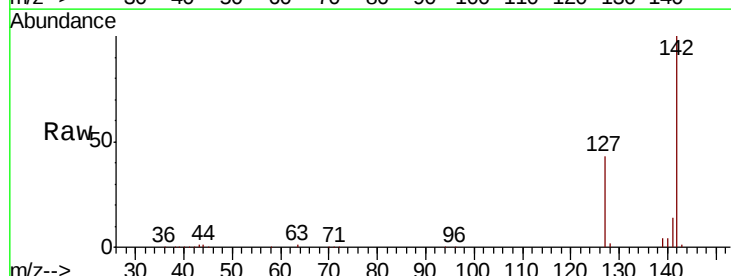
Tgt Ion:142 Resp: 179572

Ion Ratio Lower Upper

142 100

127 42.5 35.2 52.8

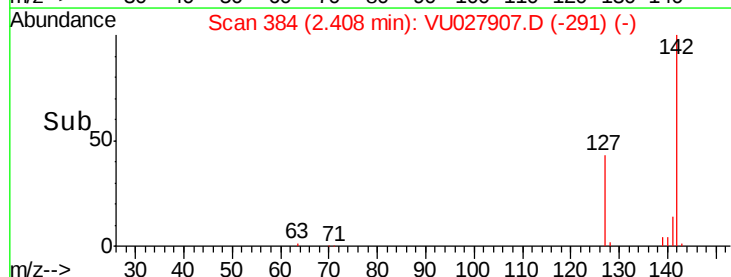
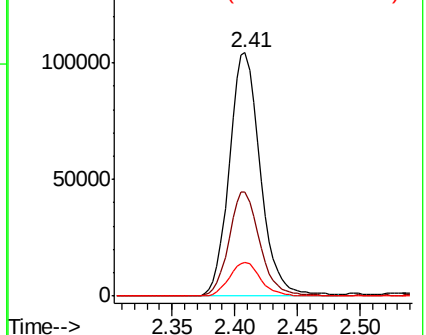
141 14.1 11.8 17.8

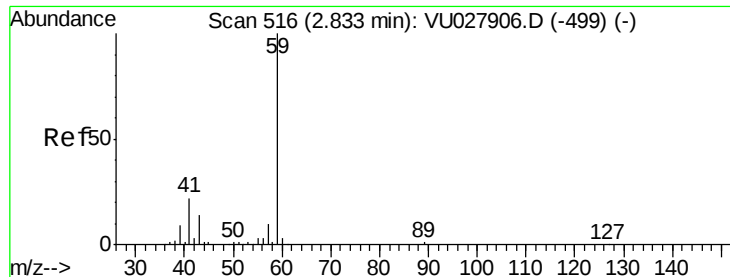


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

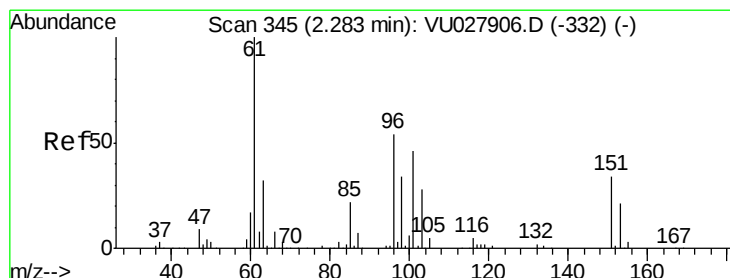
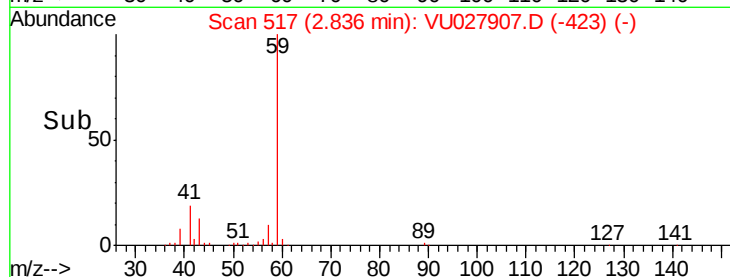
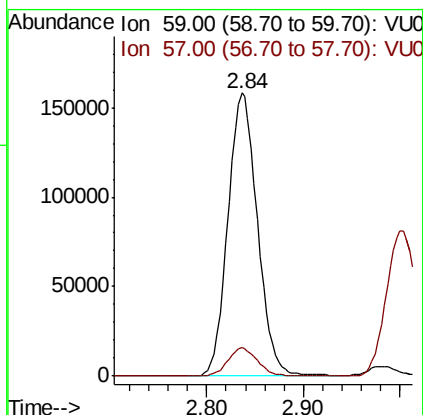
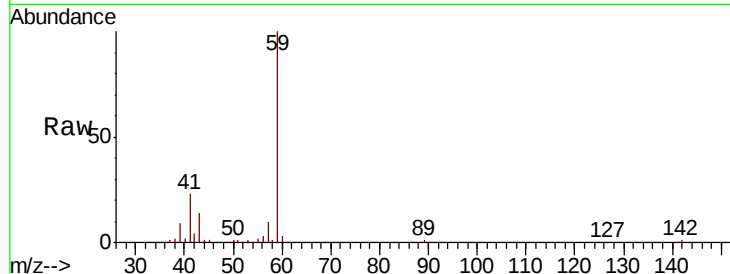




#11
Tert butyl alcohol
Concen: 528.088 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

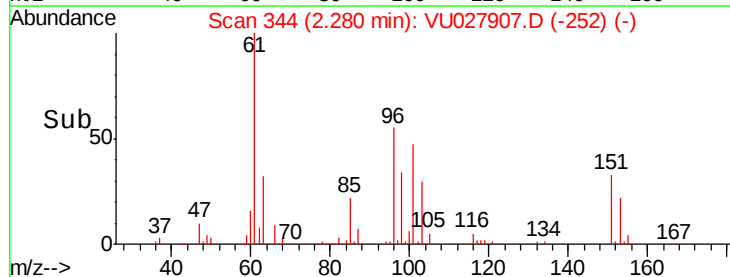
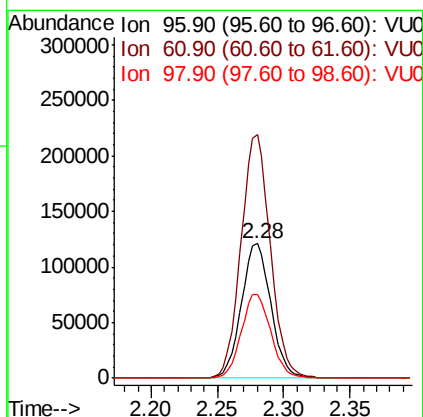
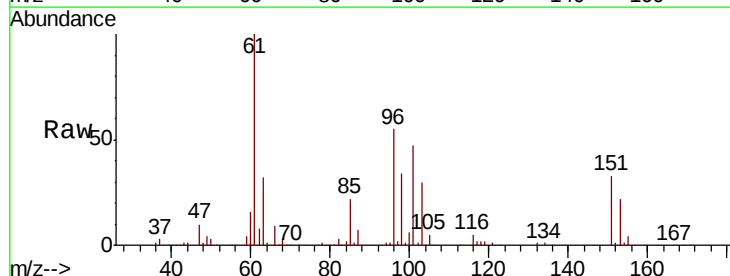
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

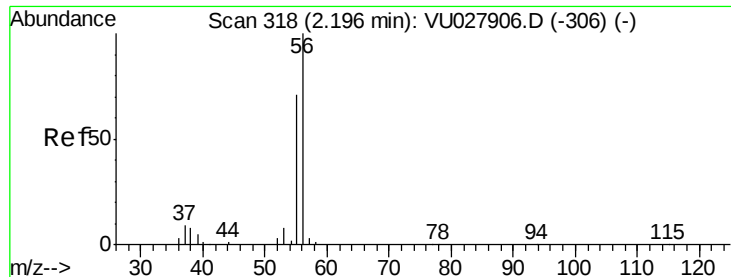
Tgt Ion: 59 Resp: 335273
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 101.027 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 96 Resp: 185850
Ion Ratio Lower Upper
96 100
61 181.2 149.3 223.9
98 62.4 50.6 75.8





#13

Acrolein

Concen: 274.955 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

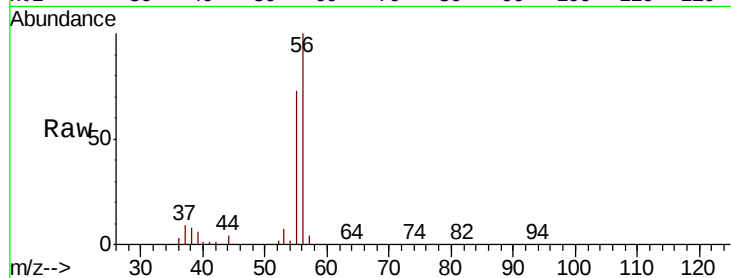
VSTDIC100

Tgt Ion: 56 Resp: 127222

Ion Ratio Lower Upper

56 100

55 72.8 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU027906.D (-306) (-)

2.20

80000

60000

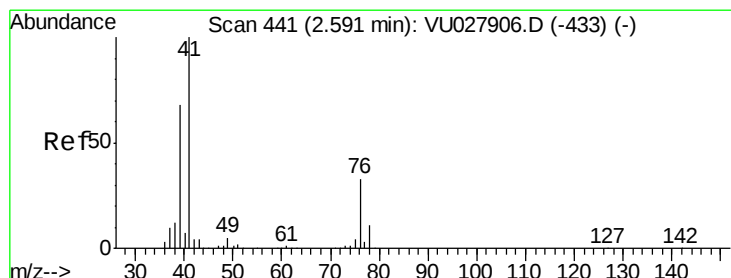
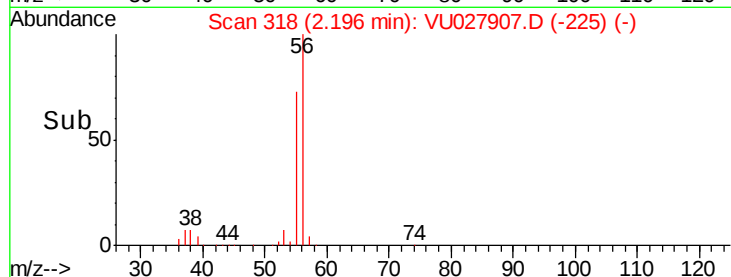
40000

20000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 113.884 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

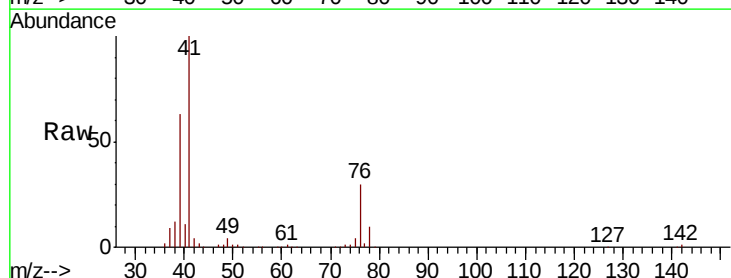
Tgt Ion: 41 Resp: 497154

Ion Ratio Lower Upper

41 100

39 55.4 51.9 77.9

76 26.2 23.8 35.6



Abundance Ion 41.00 (40.70 to 41.70): VU027906.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU027906.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU027906.D (-433) (-)

500000

400000

300000

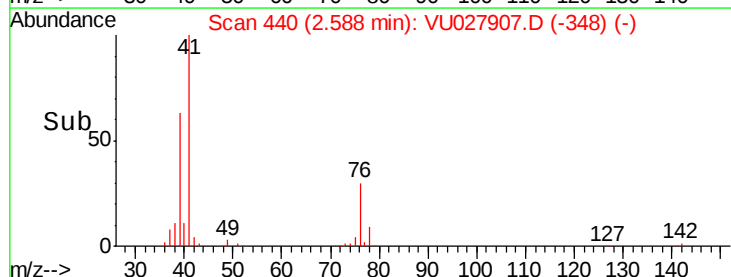
200000

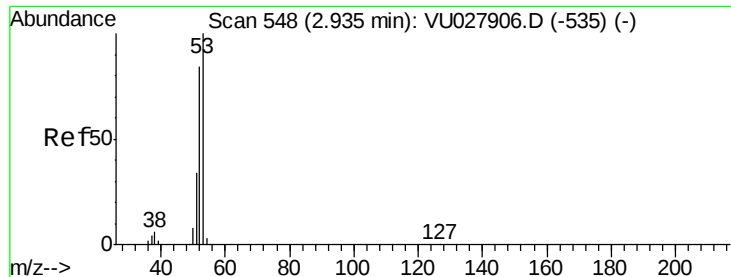
100000

0

Time-->

2.50 2.55 2.60 2.70





#15

Acrylonitrile

Concen: 526.201 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

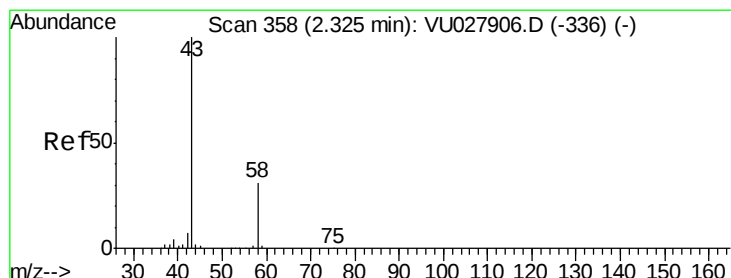
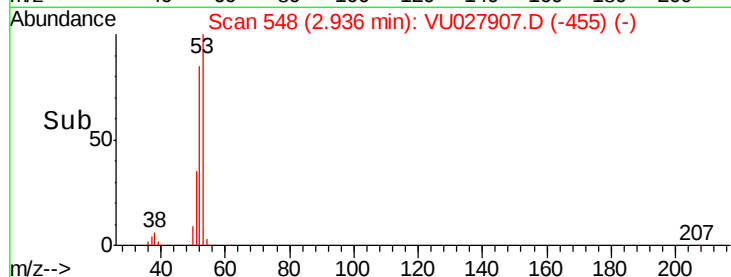
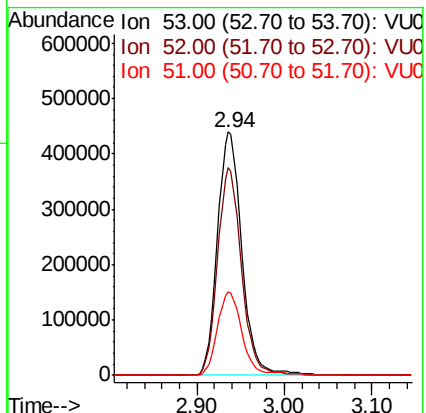
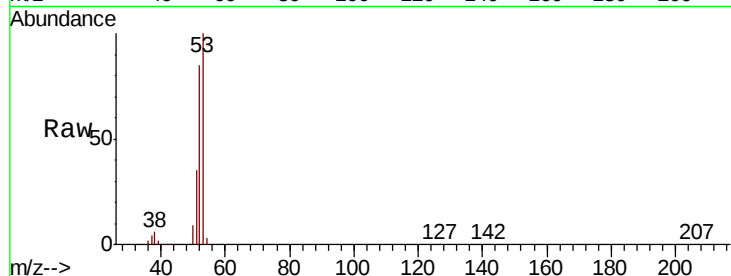
Tgt Ion: 53 Resp: 854259

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

51 34.0 27.0 40.4



#16

Acetone

Concen: 428.797 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027907.D

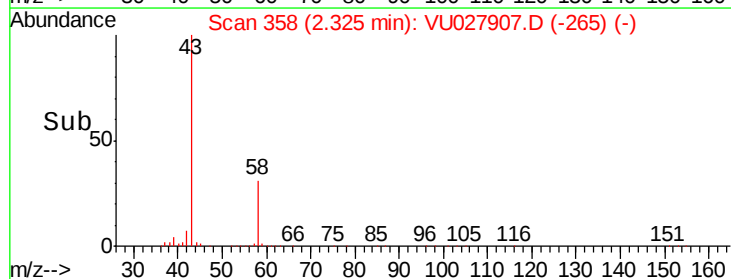
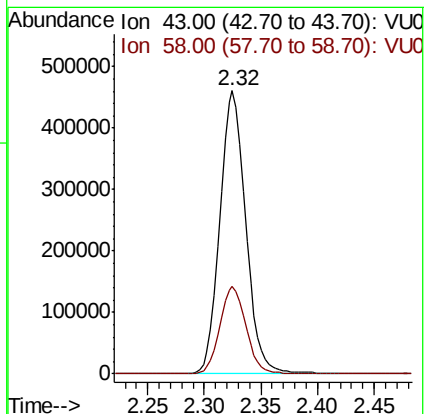
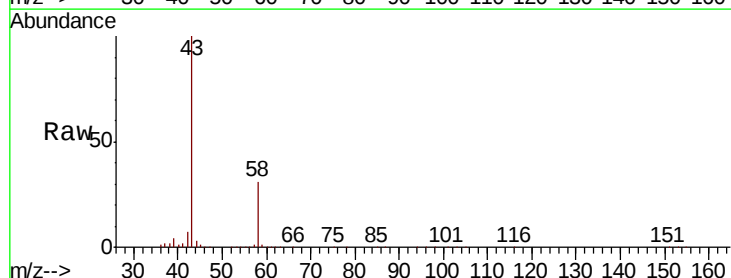
Acq: 01 Nov 2018 19:59

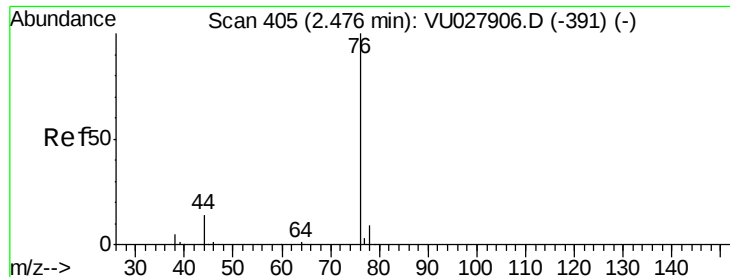
Tgt Ion: 43 Resp: 727707

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 93.235 ug/l

RT: 2.47 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

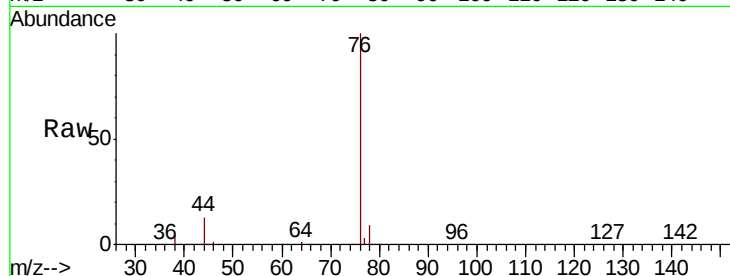
VSTDIC100

Tgt Ion: 76 Resp: 612927

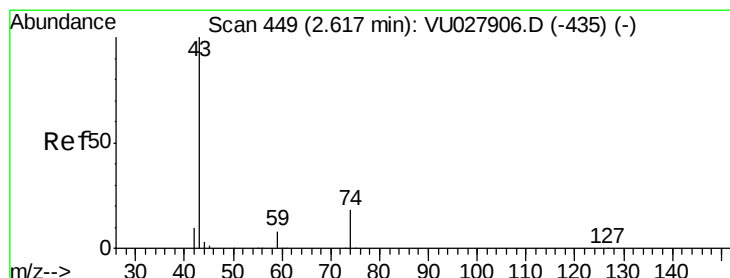
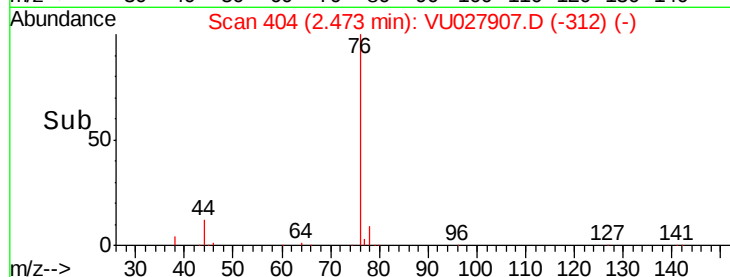
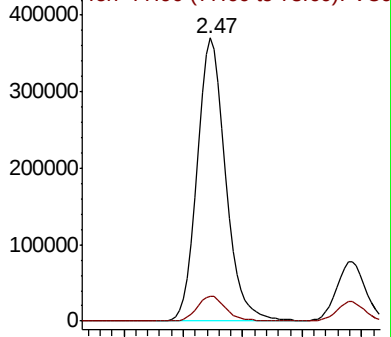
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU027906.D (-391) (-)



#18

Methyl Acetate

Concen: 104.564 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027907.D

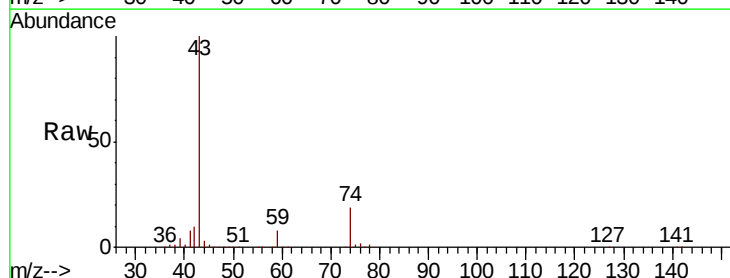
Acq: 01 Nov 2018 19:59

Tgt Ion: 43 Resp: 420395

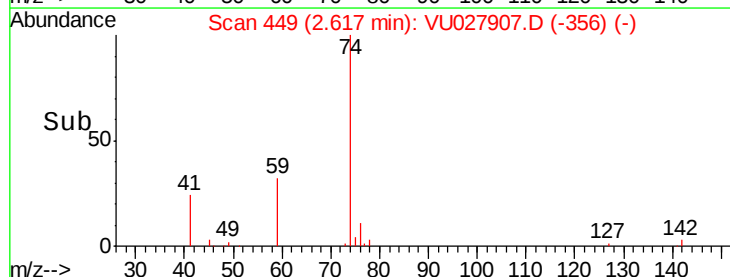
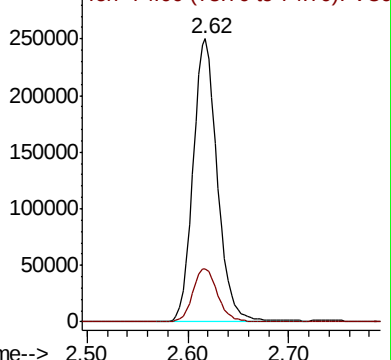
Ion Ratio Lower Upper

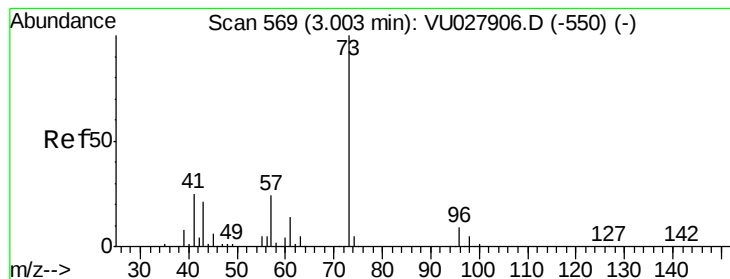
43 100

74 19.4 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-435) (-)



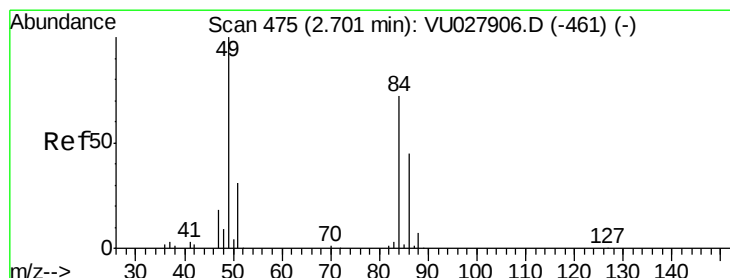
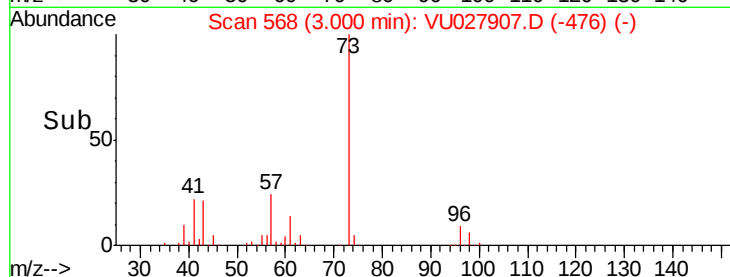
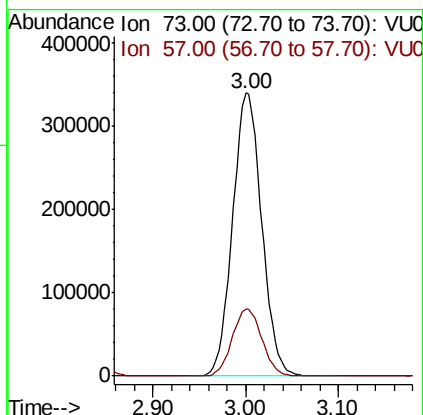
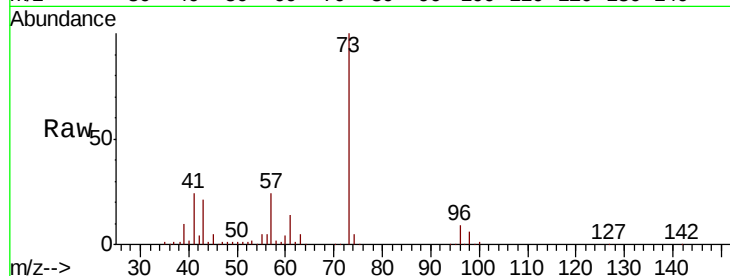


#19

Methyl tert-butyl Ether
 Concen: 99.895 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

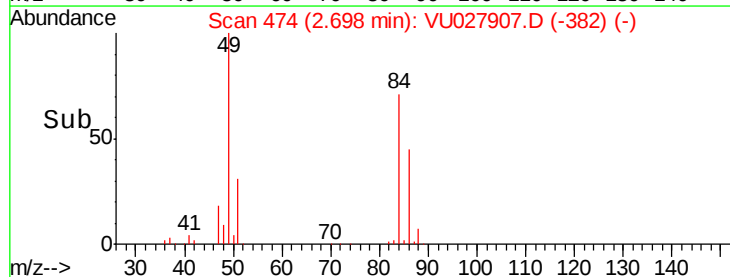
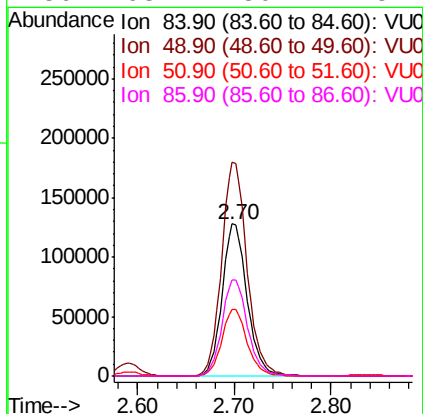
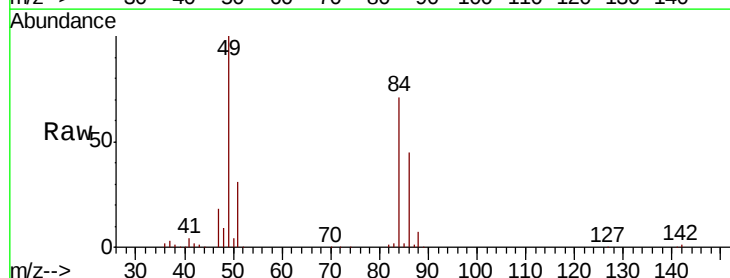
Tgt Ion: 73 Resp: 739198
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.3 28.9

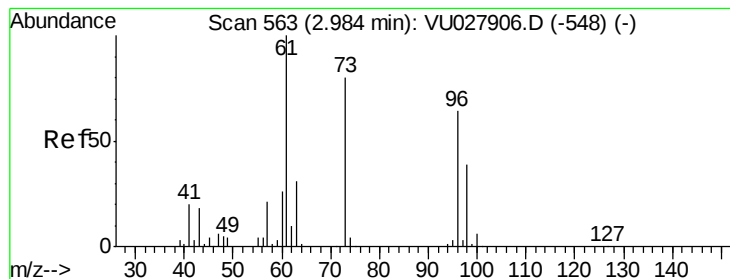


#20

Methylene Chloride
 Concen: 95.387 ug/l
 RT: 2.70 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 84 Resp: 229220
 Ion Ratio Lower Upper
 84 100
 49 140.6 111.6 167.4
 51 43.7 34.8 52.2
 86 63.2 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 98.038 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

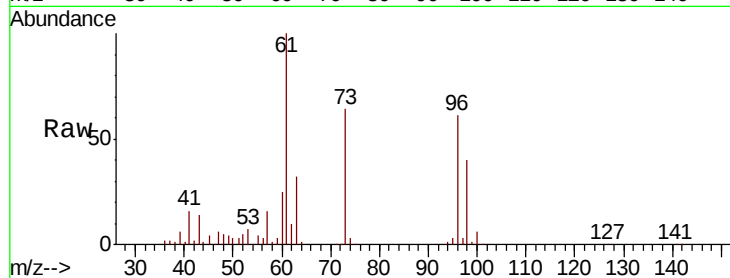
Tgt Ion: 96 Resp: 204070

Ion Ratio Lower Upper

96 100

61 163.1 125.0 187.6

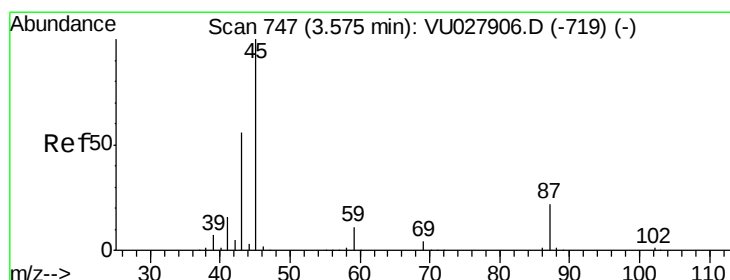
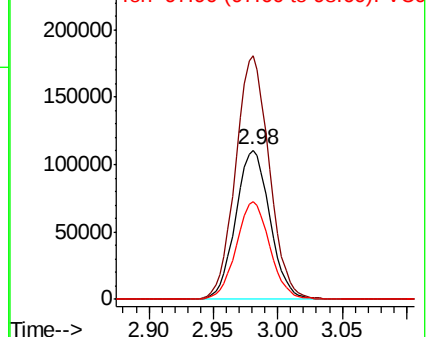
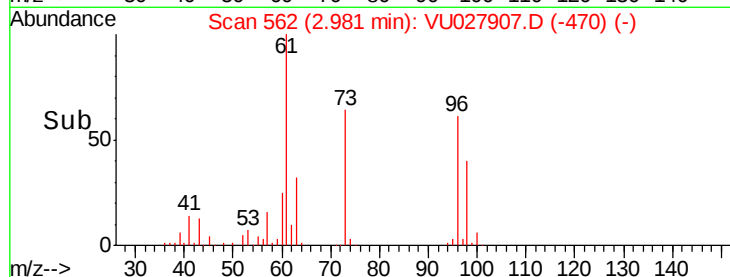
98 65.6 48.2 72.4



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 103.534 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Tgt Ion: 45 Resp: 927526

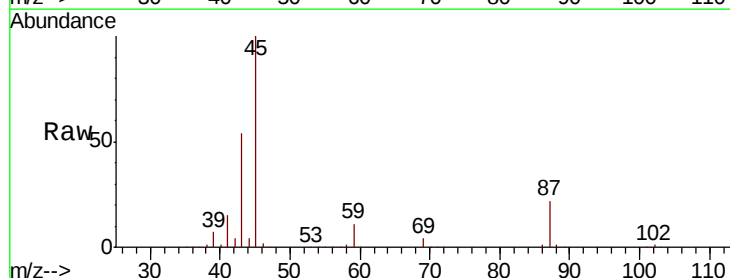
Ion Ratio Lower Upper

45 100

43 53.8 45.0 67.6

87 21.9 17.9 26.9

59 10.6 8.6 12.8

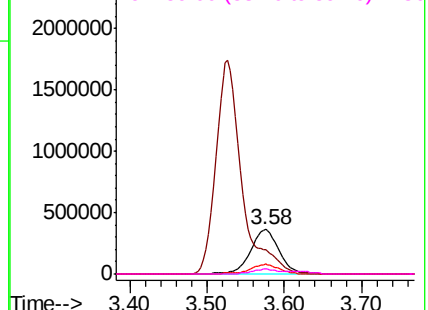
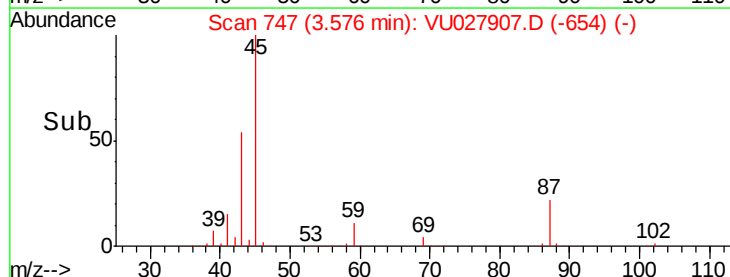


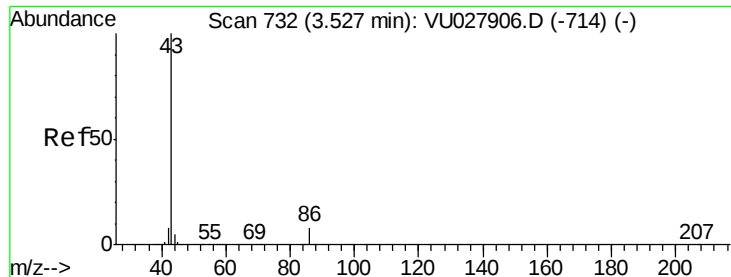
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 524.869 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

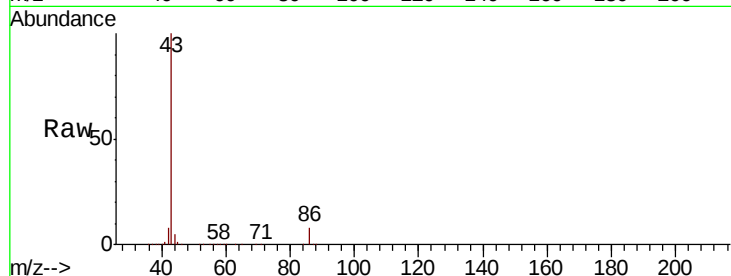
VSTDIC100

Tgt Ion: 43 Resp: 4104166

Ion Ratio Lower Upper

43 100

86 8.3 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU027907.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027907.D (-639) (-)

2000000

1500000

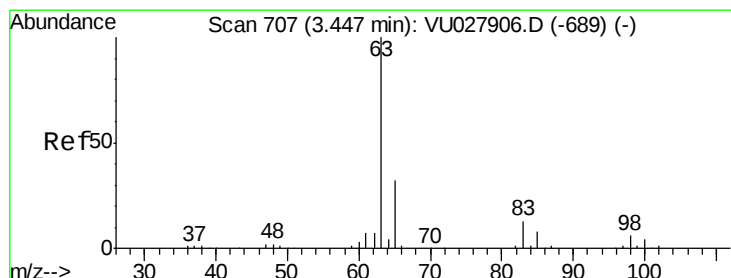
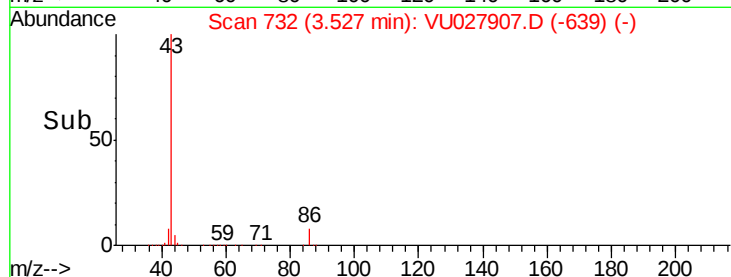
1000000

500000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 98.357 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

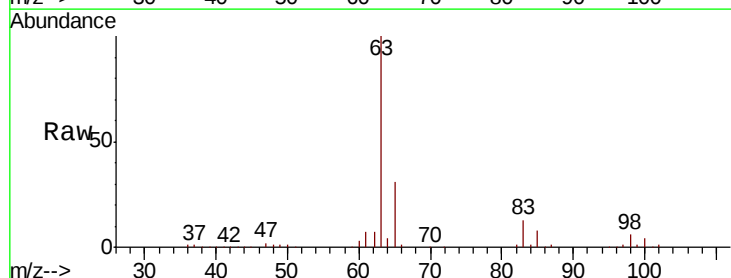
Tgt Ion: 63 Resp: 449472

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.6

100 3.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU027907.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU027907.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU027907.D (-614) (-)

250000

200000

150000

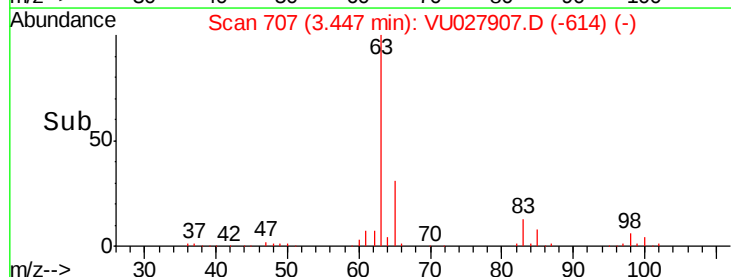
100000

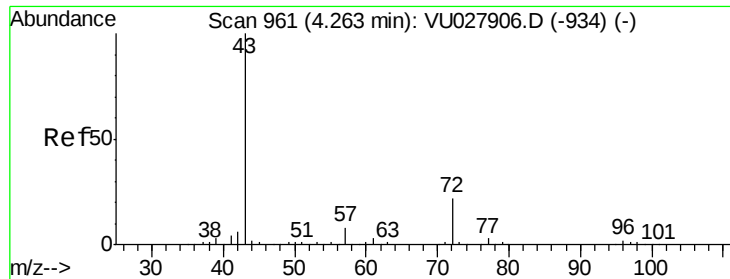
50000

0

3.40 3.50 3.60

Time-->





#25

2-Butanone

Concen: 538.187 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

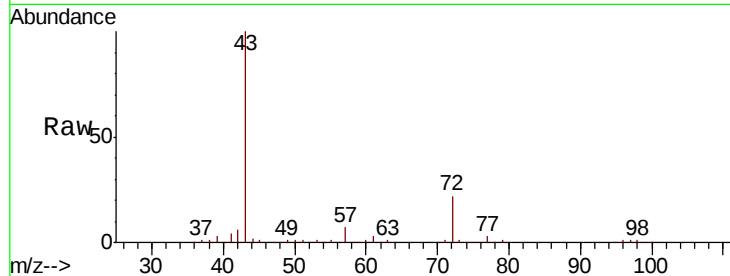
VSTDIC100

Tgt Ion: 43 Resp: 1286392

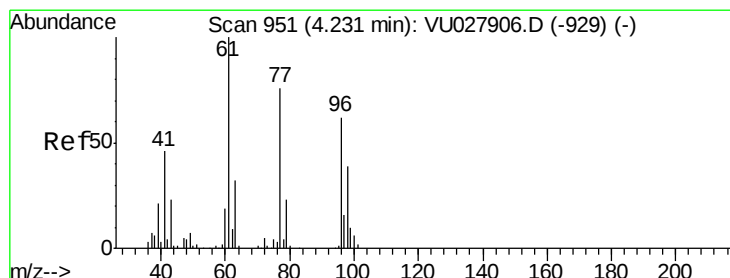
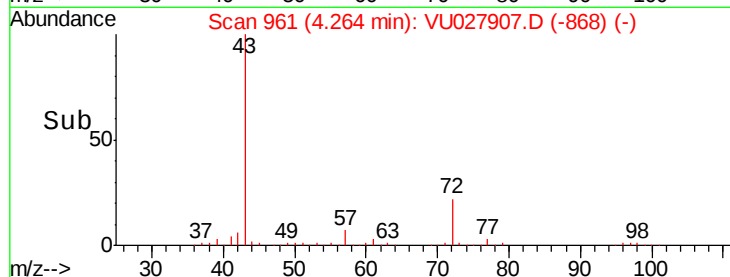
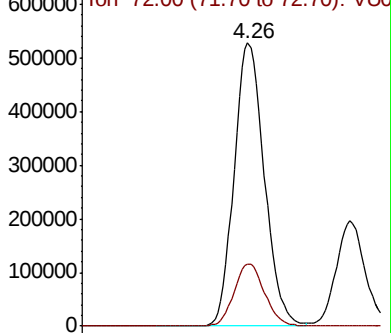
Ion Ratio Lower Upper

43 100

72 21.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-934) (-)



#26

2,2-Dichloropropane

Concen: 90.169 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027907.D

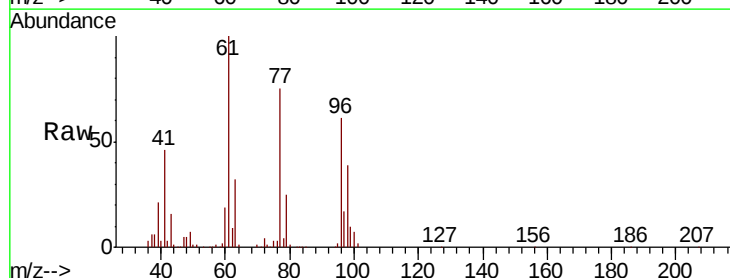
Acq: 01 Nov 2018 19:59

Tgt Ion: 77 Resp: 333561

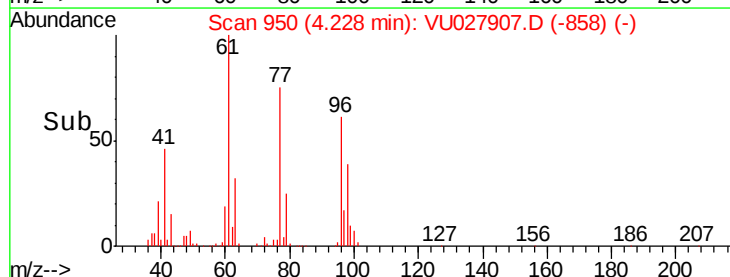
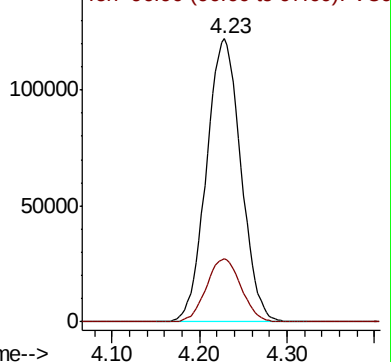
Ion Ratio Lower Upper

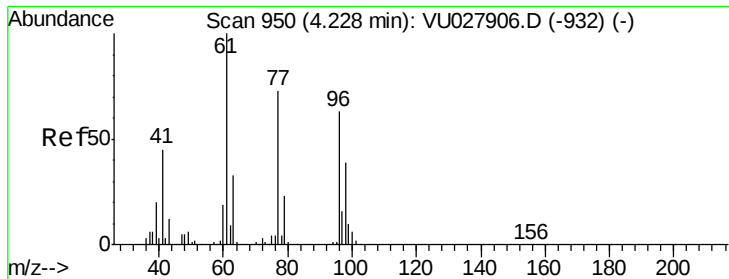
77 100

97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU027906.D (-929) (-)



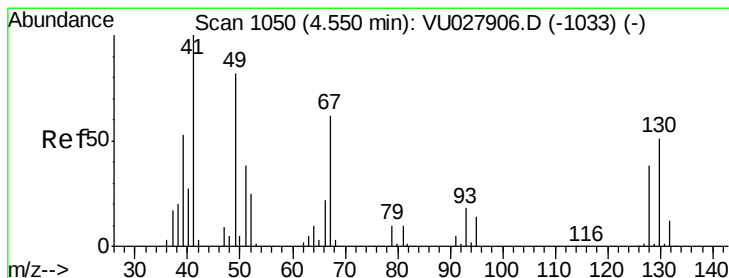
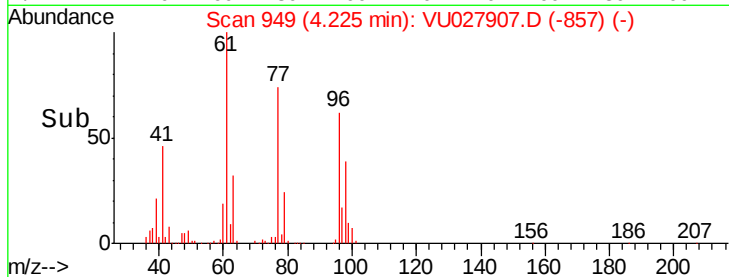
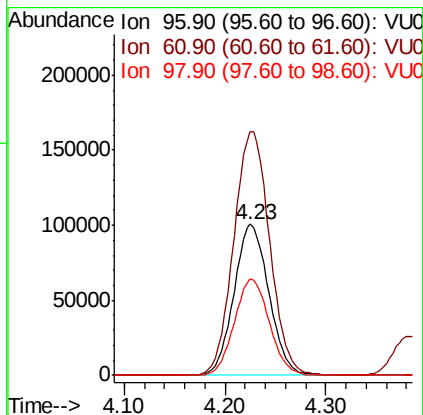
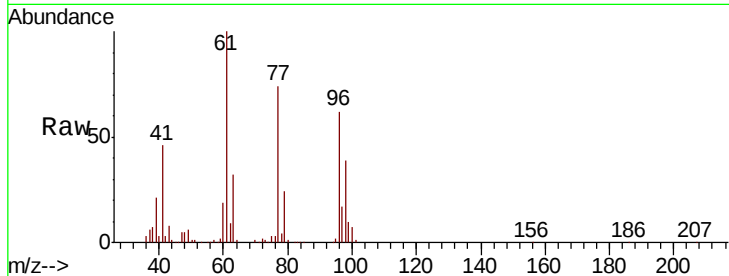


#27

cis-1,2-Dichloroethene
 Concen: 100.915 ug/l
 RT: 4.23 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

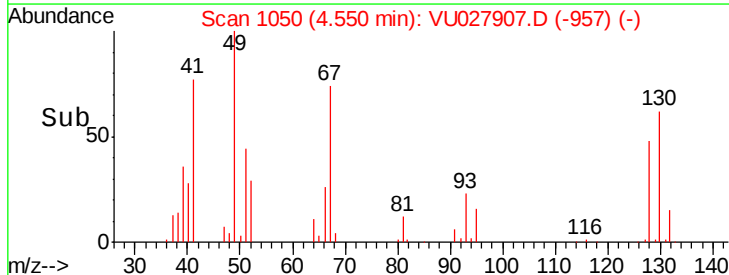
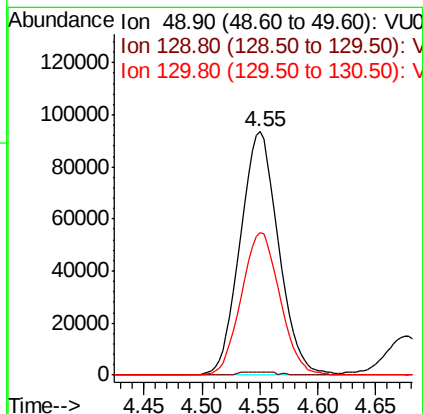
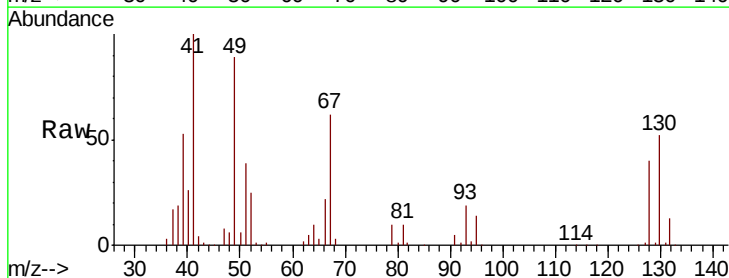
Tgt Ion: 96 Resp: 241057
 Ion Ratio Lower Upper
 96 100
 61 166.7 0.0 329.6
 98 64.0 0.0 127.2

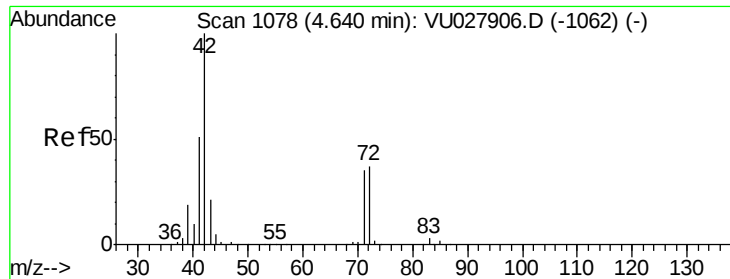


#28

Bromochloromethane
 Concen: 99.283 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 49 Resp: 215419
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 59.1 47.8 71.6





#29

Tetrahydrofuran

Concen: 553.502 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

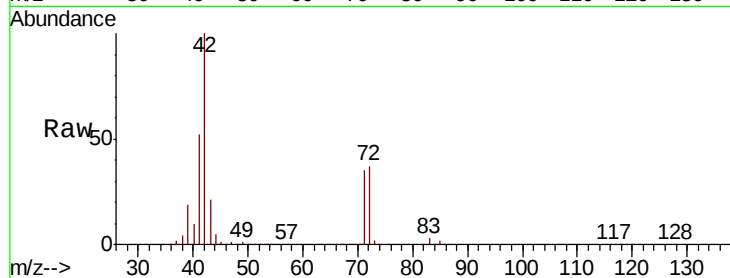
Tgt Ion: 42 Resp: 840672

Ion Ratio Lower Upper

42 100

72 36.8 29.4 44.0

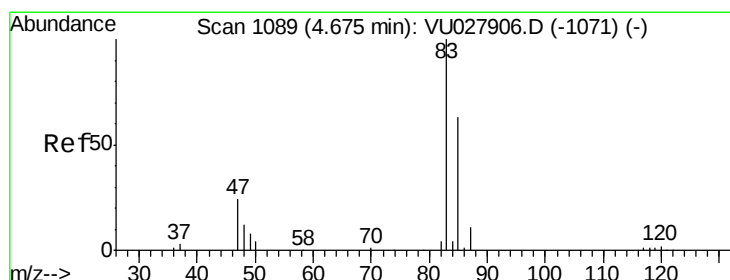
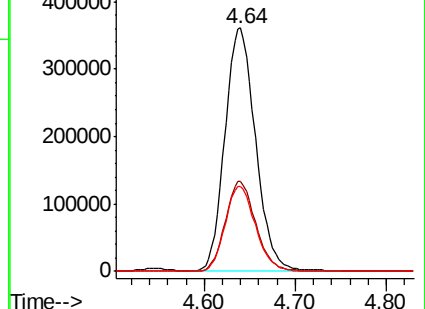
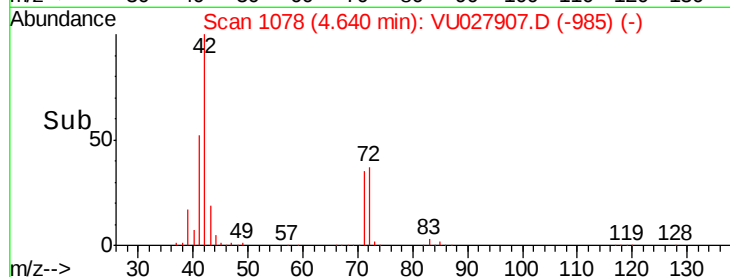
71 34.9 27.9 41.9



Abundance Ion 42.00 (41.70 to 42.70): VU027907.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU027907.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU027907.D (-985) (-)



#30

Chloroform

Concen: 101.137 ug/l

RT: 4.68 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027907.D

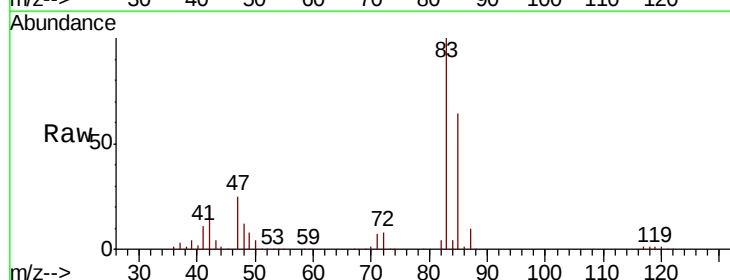
Acq: 01 Nov 2018 19:59

Tgt Ion: 83 Resp: 412404

Ion Ratio Lower Upper

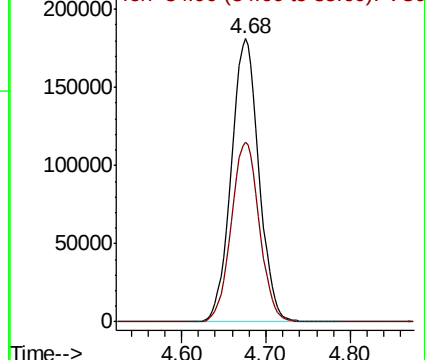
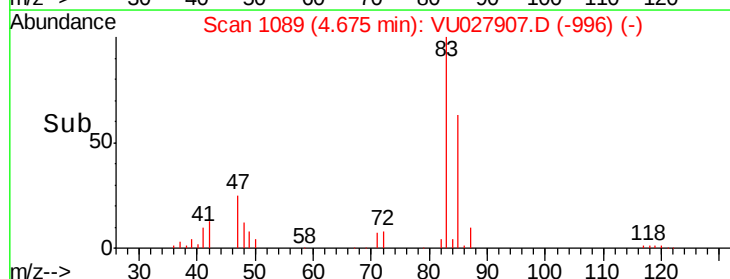
83 100

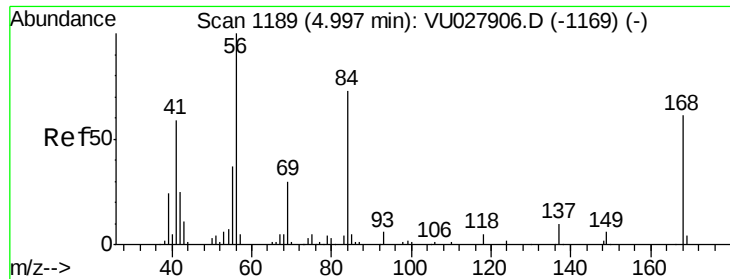
85 63.6 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VU027907.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027907.D (-996) (-)

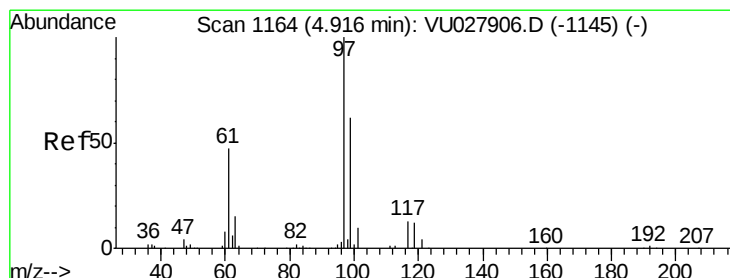
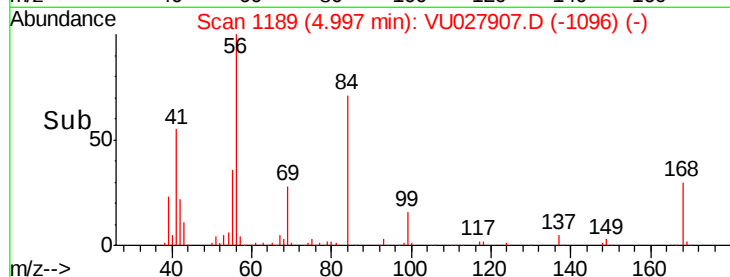
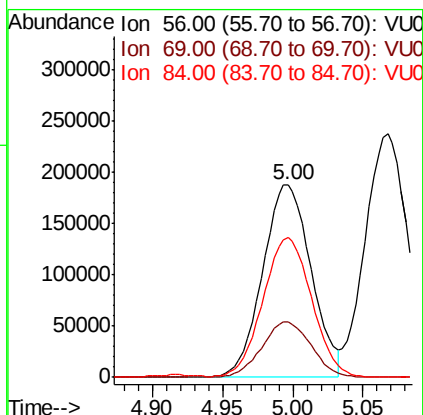
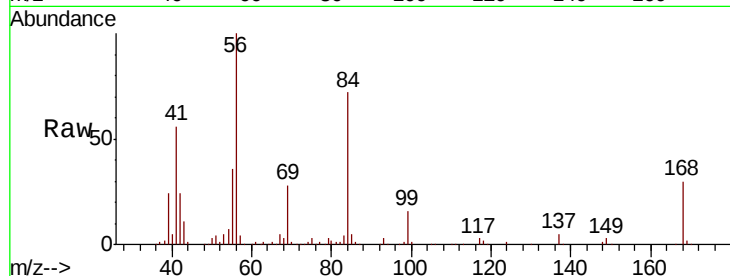




#31
Cyclohexane
Concen: 84.483 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

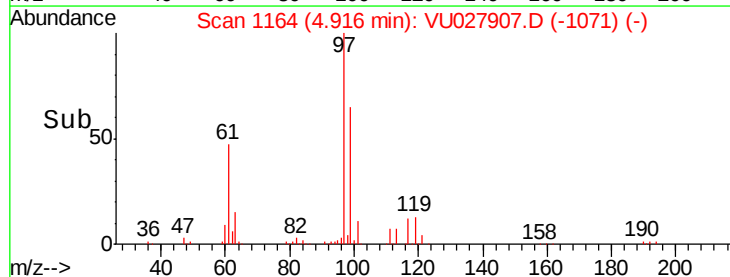
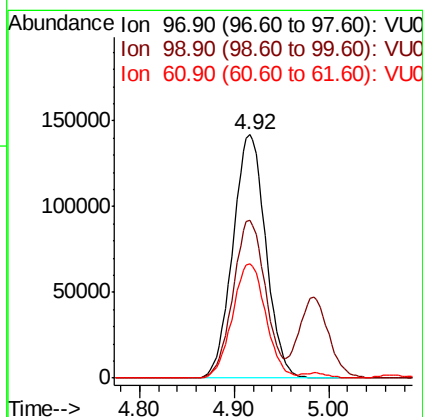
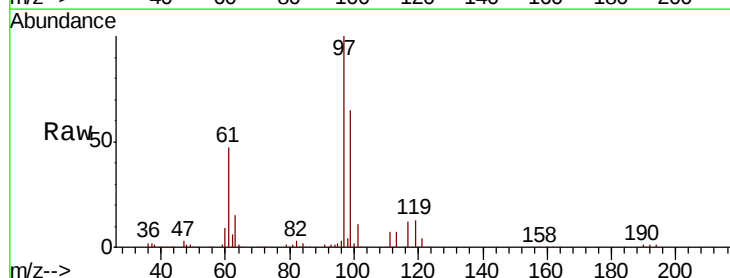
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

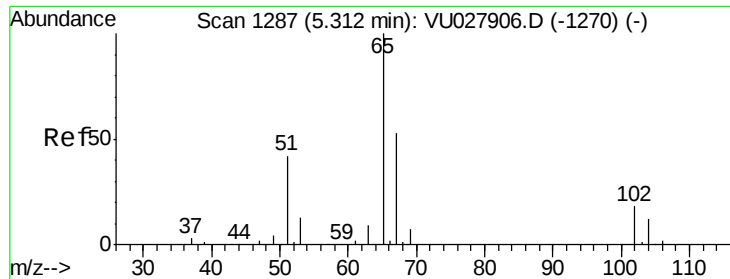
Tgt Ion: 56 Resp: 450422
Ion Ratio Lower Upper
56 100
69 28.4 23.7 35.5
84 71.5 58.2 87.4



#32
1,1,1-Trichloroethane
Concen: 100.374 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 97 Resp: 343372
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 47.5 38.3 57.5

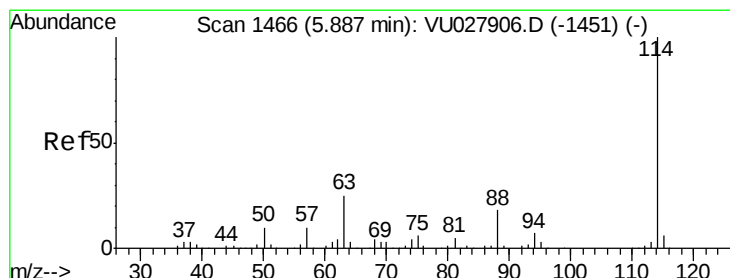
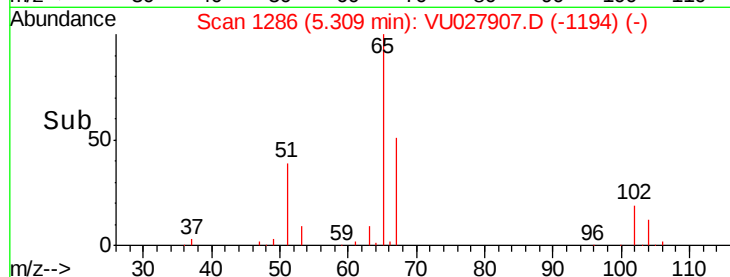
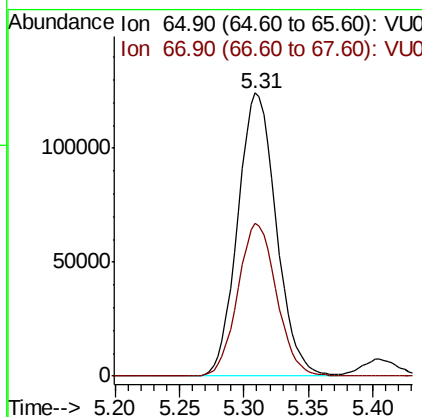
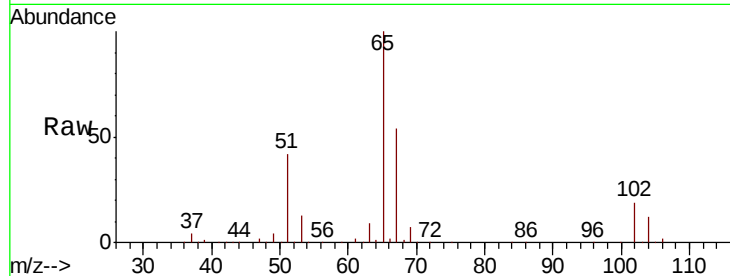




#33
 1,2-Dichloroethane-d4
 Concen: 89.754 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

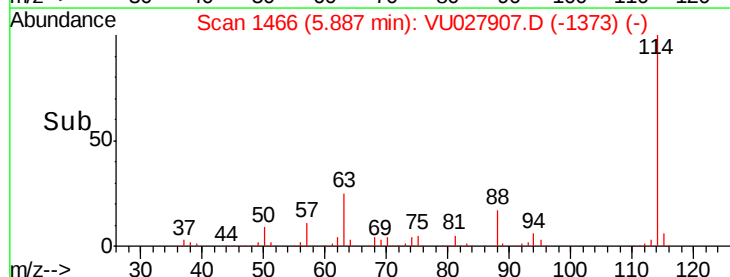
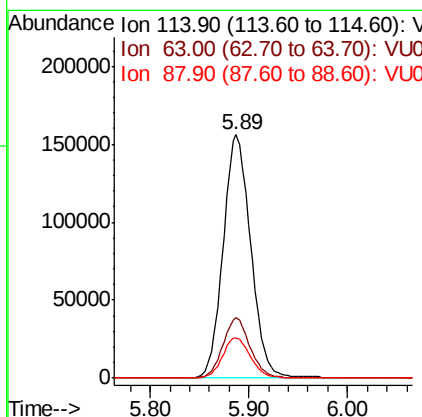
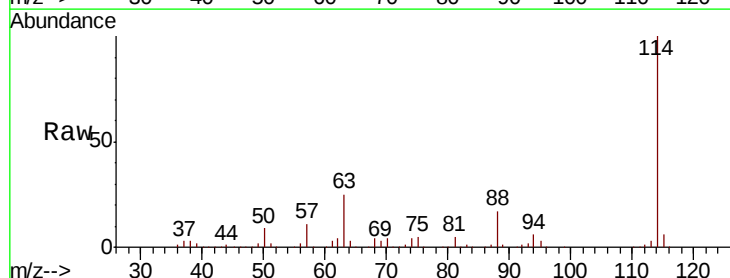
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

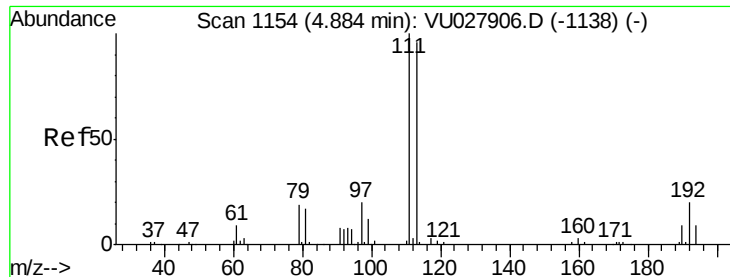
Tgt Ion: 65 Resp: 258849
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 114 Resp: 306969
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.8
 88 16.5 0.0 35.8

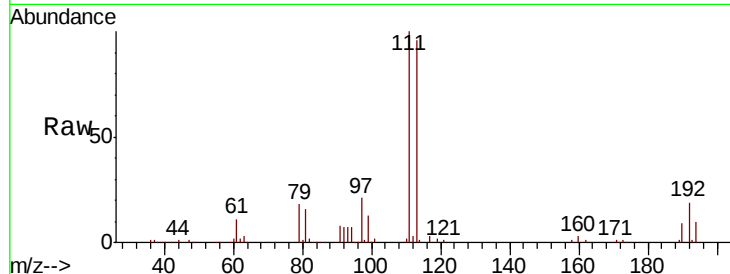




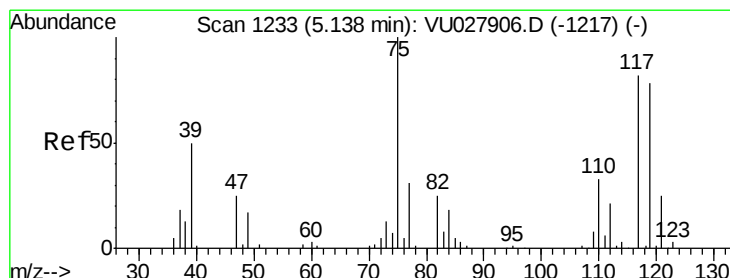
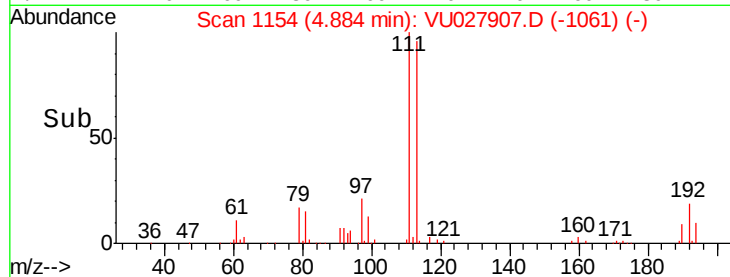
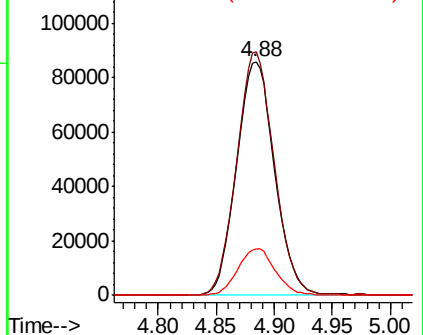
#35
 Dibromofluoromethane
 Concen: 93.556 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 195241
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.6
 192 19.7 15.6 23.4

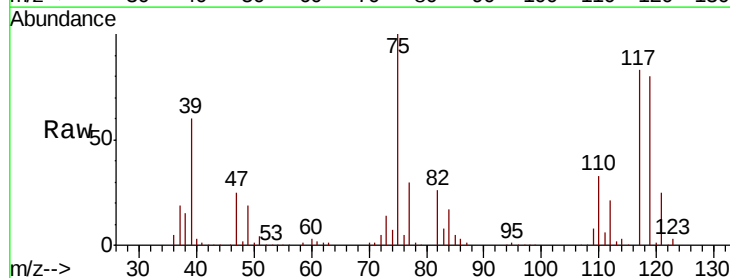


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

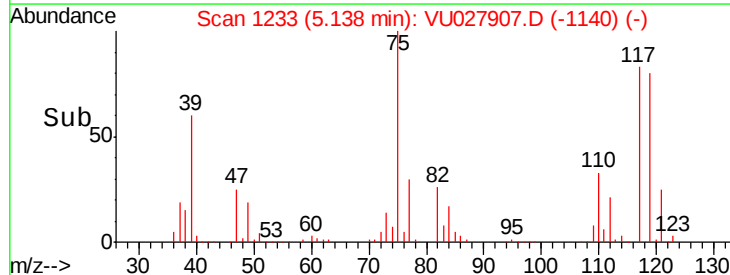
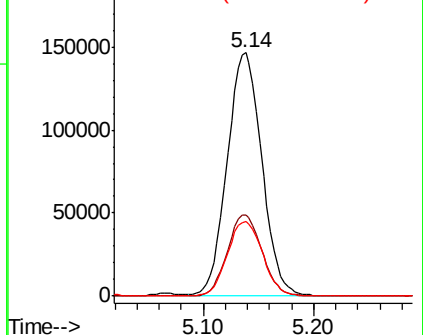


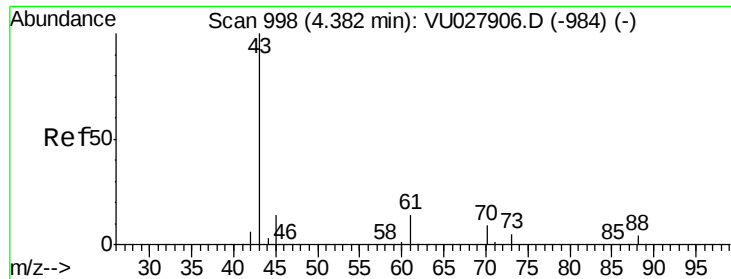
#36
 1,1-Dichloropropene
 Concen: 96.207 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 75 Resp: 318638
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.5 49.5
 77 31.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 105.339 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

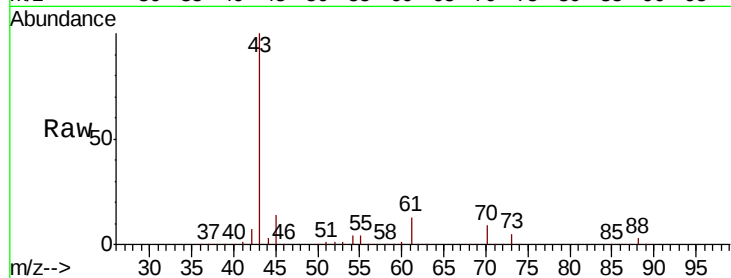
Tgt Ion: 43 Resp: 462477

Ion Ratio Lower Upper

43 100

61 13.1 10.3 15.5

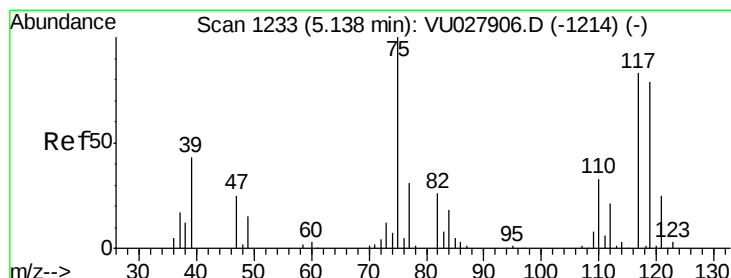
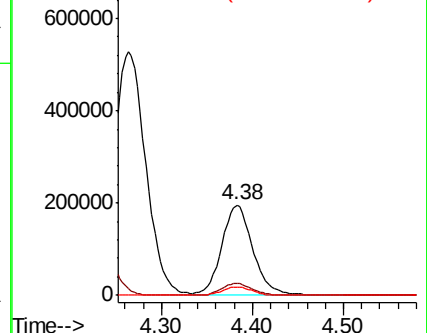
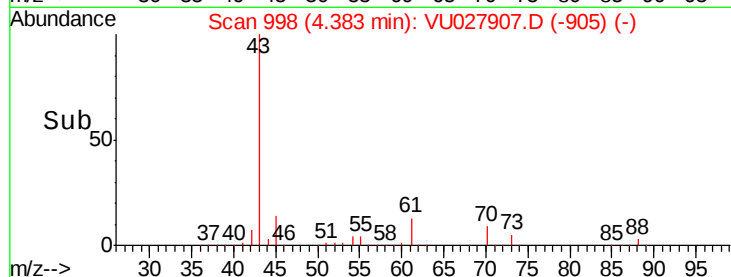
70 9.1 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VU027907.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027907.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027907.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 94.739 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

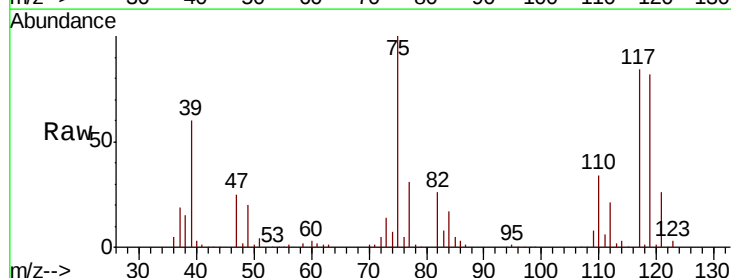
Tgt Ion: 117 Resp: 283270

Ion Ratio Lower Upper

117 100

119 97.1 76.0 114.0

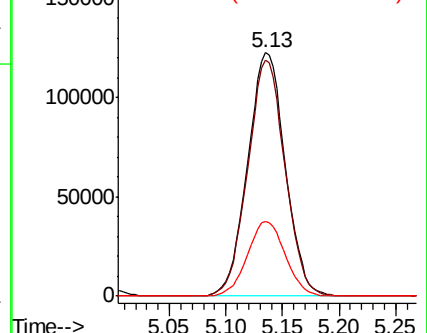
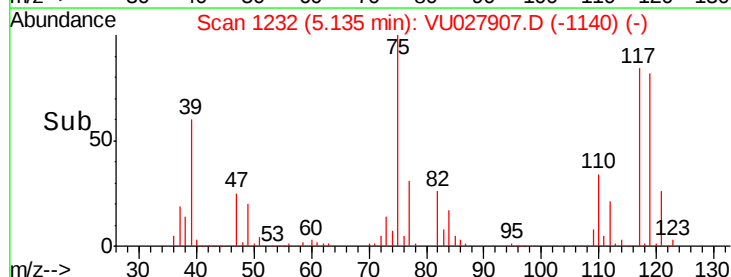
121 30.8 24.5 36.7

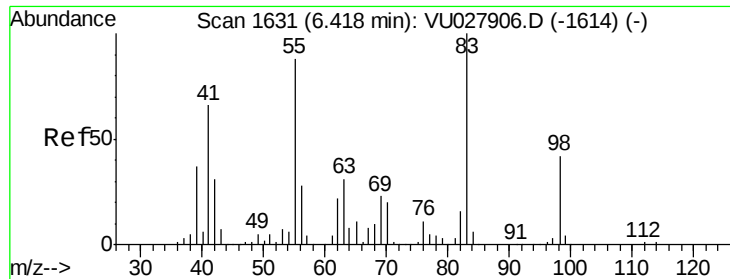


Abundance Ion 116.80 (116.50 to 117.50): VU027907.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027907.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027907.D (-1140) (-)

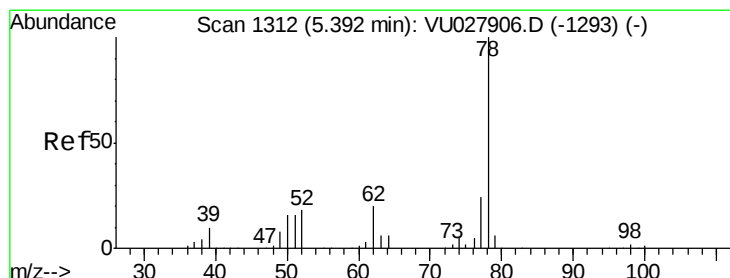
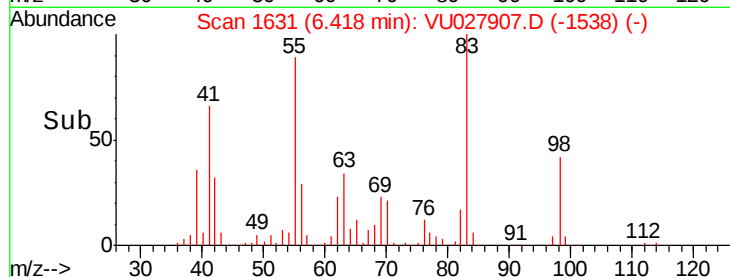
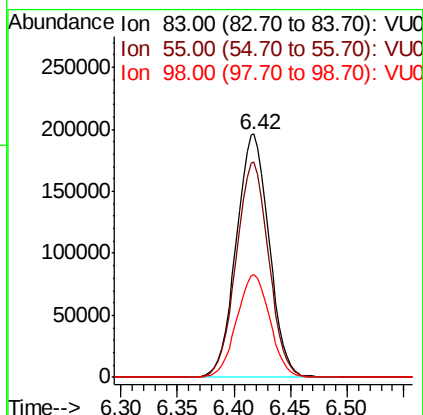
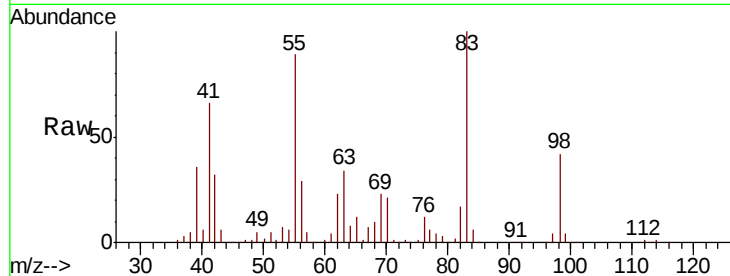




#39
Methylcyclohexane
Concen: 102.331 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

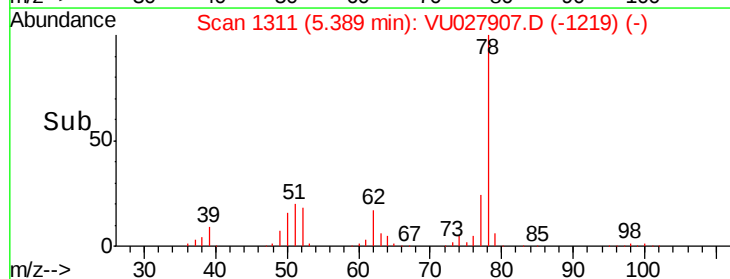
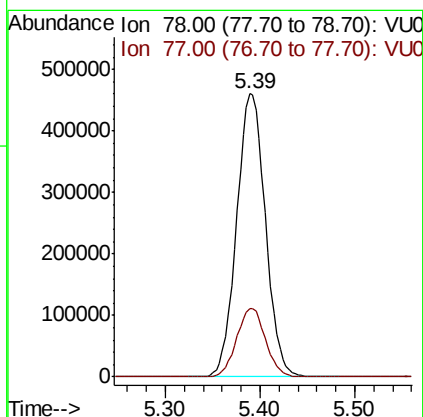
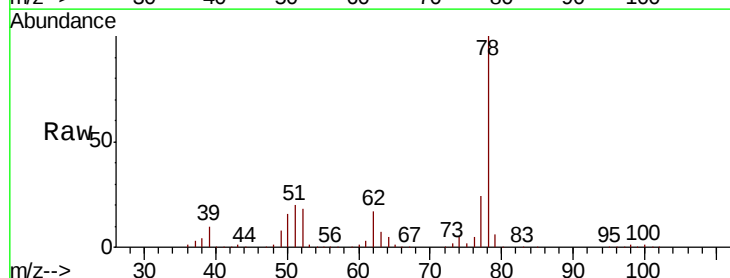
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

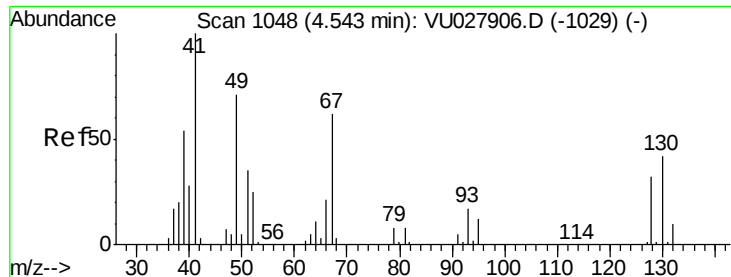
Tgt Ion: 83 Resp: 397287
Ion Ratio Lower Upper
83 100
55 88.6 70.3 105.5
98 42.5 34.0 51.0



#40
Benzene
Concen: 99.404 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 78 Resp: 972130
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41

Methacrylonitrile

Concen: 104.973 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 259830

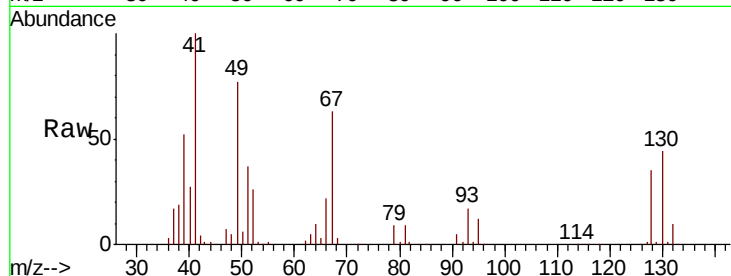
Ion Ratio Lower Upper

41 100

39 52.3 42.2 63.4

67 63.7 49.5 74.3

52 25.9 20.5 30.7

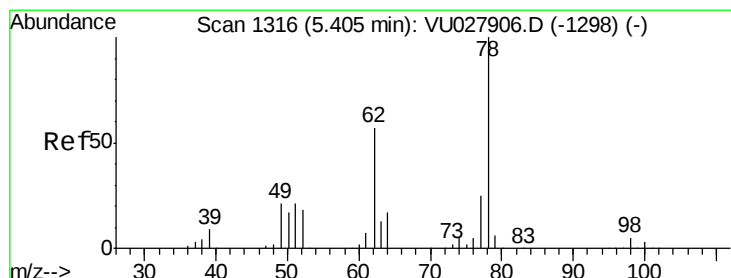
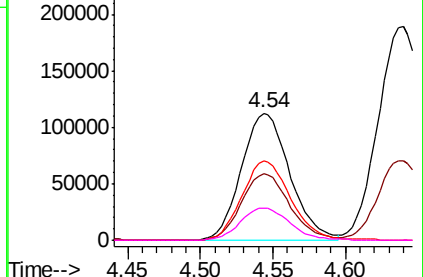
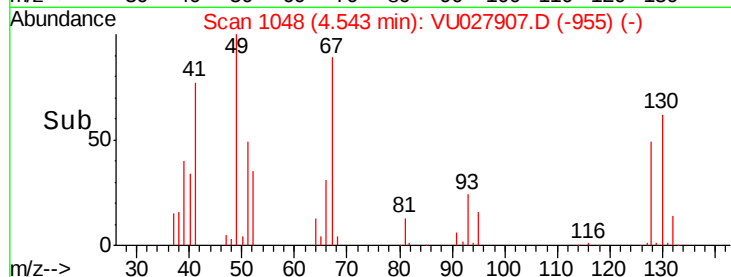


Abundance Ion 41.00 (40.70 to 41.70): VU027907.D (-1029) (-)

Ion 39.00 (38.70 to 39.70): VU027907.D (-1029) (-)

Ion 67.00 (66.70 to 67.70): VU027907.D (-1029) (-)

Ion 52.00 (51.70 to 52.70): VU027907.D (-1029) (-)



#42

1,2-Dichloroethane

Concen: 94.574 ug/l

RT: 5.41 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU027907.D

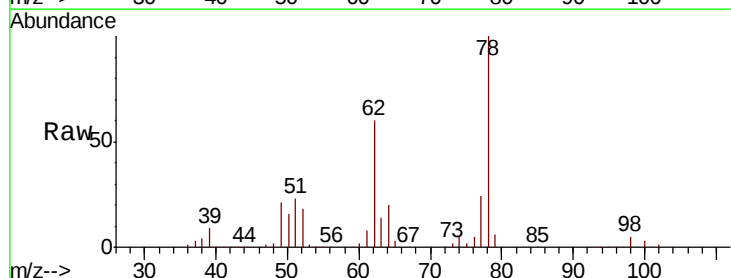
Acq: 01 Nov 2018 19:59

Tgt Ion: 62 Resp: 339270

Ion Ratio Lower Upper

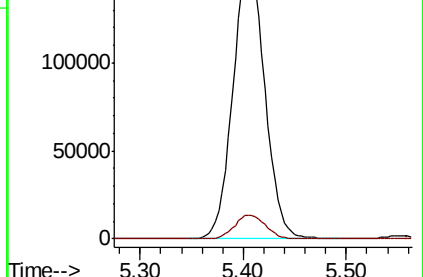
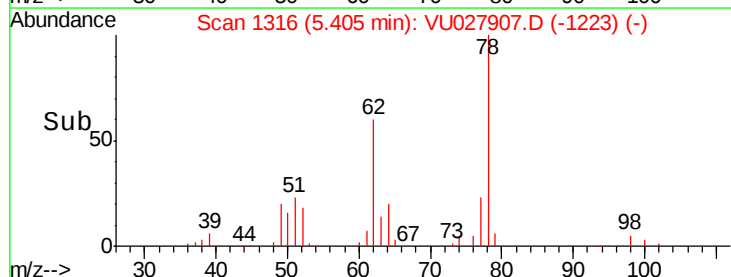
62 100

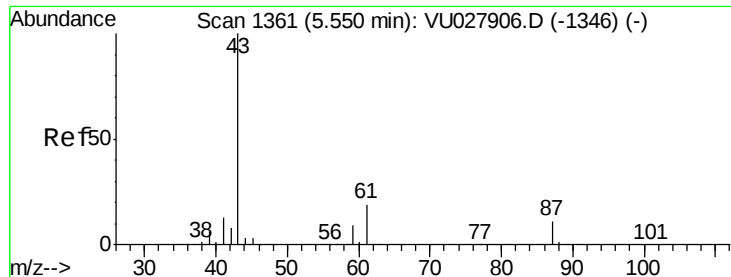
98 8.5 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VU027907.D (-1223) (-)

Ion 97.90 (97.60 to 98.60): VU027907.D (-1223) (-)





#43

Isopropyl Acetate

Concen: 108.501 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

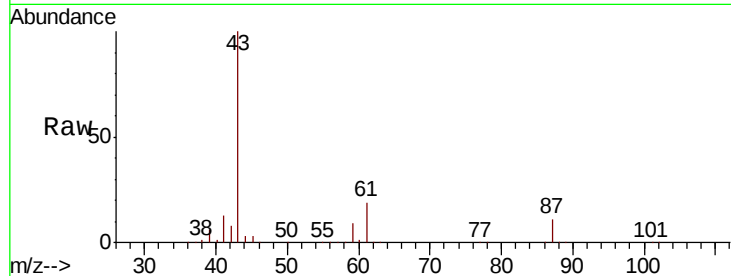
Tgt Ion: 43 Resp: 737573

Ion Ratio Lower Upper

43 100

61 19.2 15.0 22.4

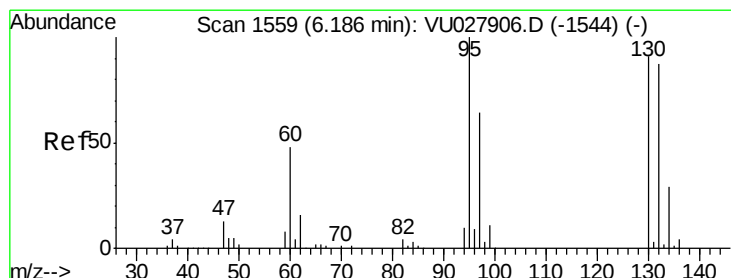
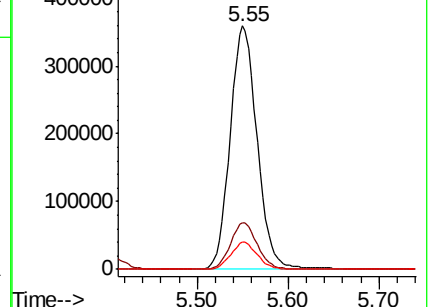
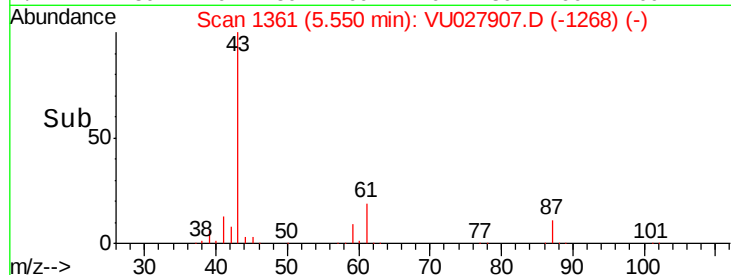
87 11.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027907.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027907.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027907.D (-1268) (-)



#44

Trichloroethene

Concen: 97.992 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027907.D

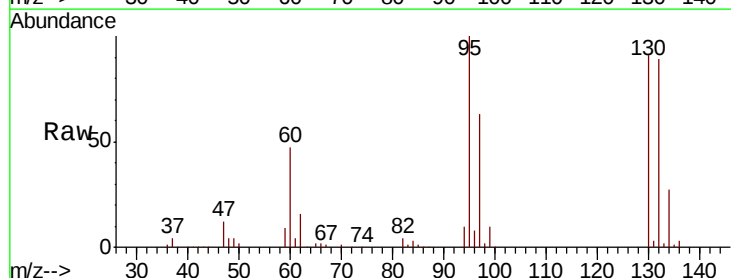
Acq: 01 Nov 2018 19:59

Tgt Ion: 130 Resp: 211867

Ion Ratio Lower Upper

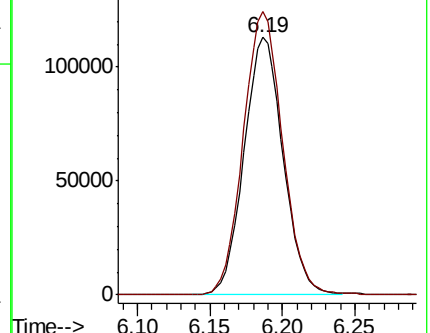
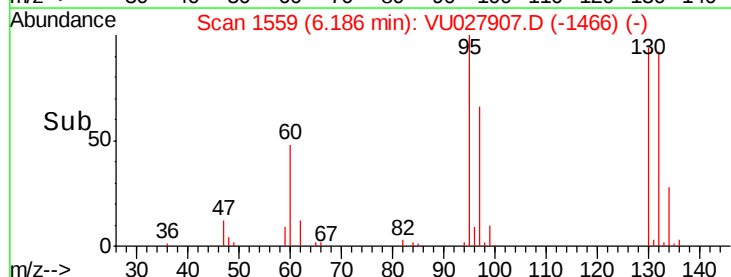
130 100

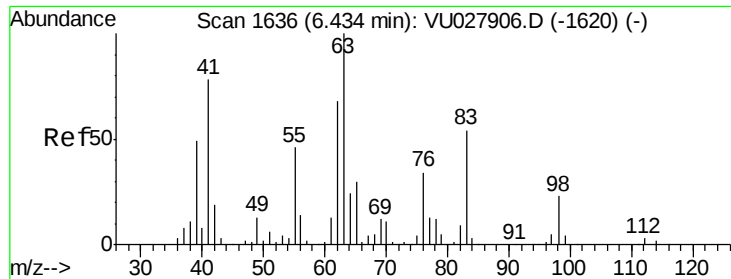
95 109.9 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027907.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027907.D (-1466) (-)





#45

1,2-Dichloropropane

Concen: 99.771 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

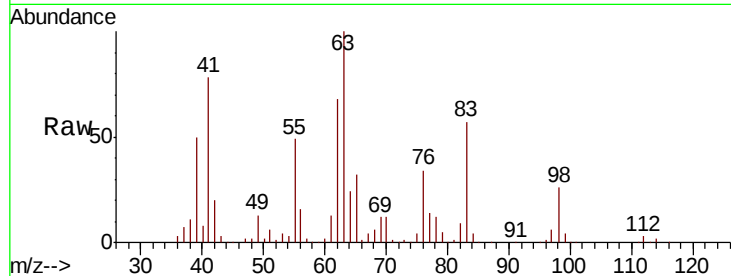
VSTDIC100

Tgt Ion: 63 Resp: 280311

Ion Ratio Lower Upper

63 100

65 31.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-1620) (-)

Ion 64.90 (64.60 to 65.60): VU027906.D (-1620) (-)

6.43

150000

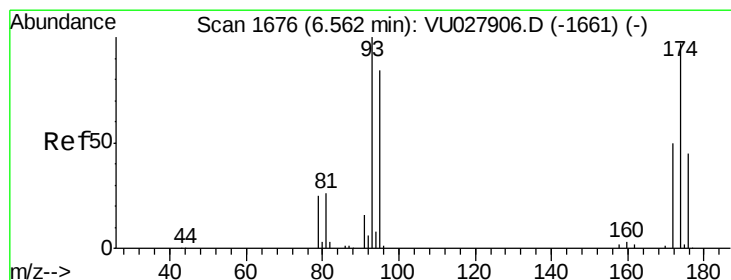
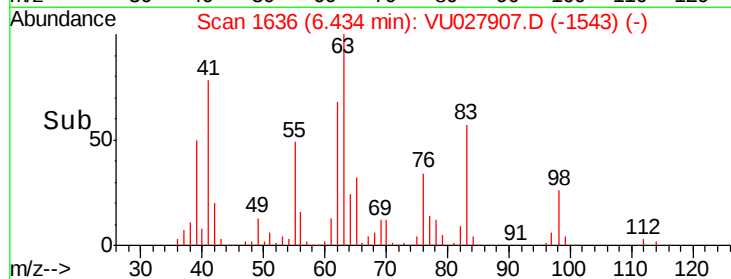
100000

50000

0

6.40 6.50

Time-->



#46

Dibromomethane

Concen: 104.766 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

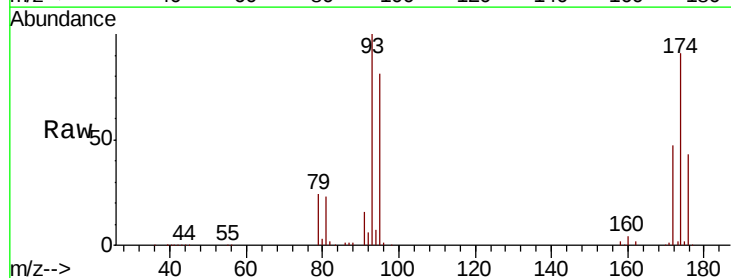
Tgt Ion: 93 Resp: 166327

Ion Ratio Lower Upper

93 100

95 82.2 68.5 102.7

174 91.7 76.1 114.1



Abundance Ion 92.80 (92.50 to 93.50): VU027906.D (-1661) (-)

Ion 94.80 (94.50 to 95.50): VU027906.D (-1661) (-)

Ion 173.70 (173.40 to 174.40): VU027906.D (-1661) (-)

6.56

120000

100000

80000

60000

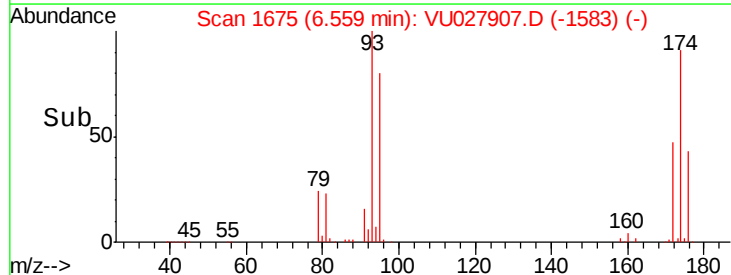
40000

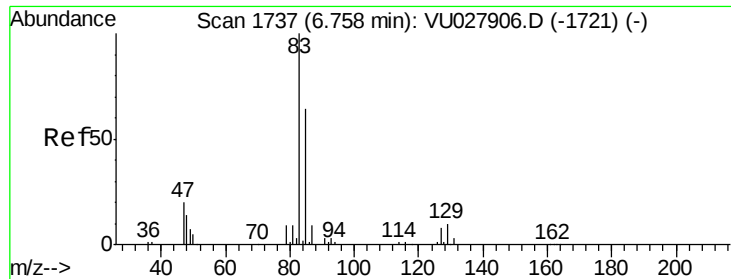
20000

0

6.50 6.60 6.70

Time-->





#47

Bromodichloromethane

Concen: 99.453 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

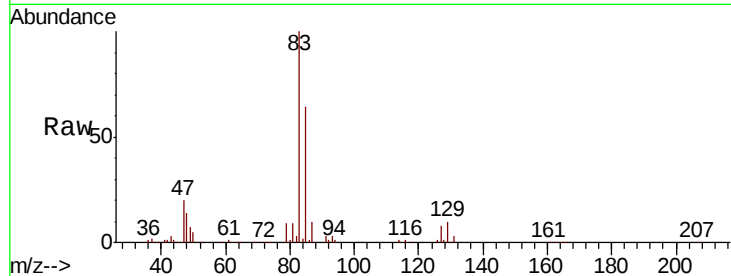
Tgt Ion: 83 Resp: 325018

Ion Ratio Lower Upper

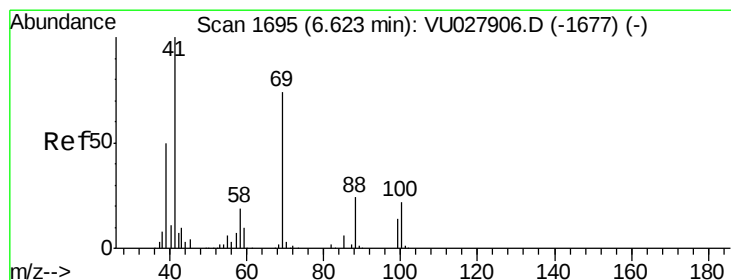
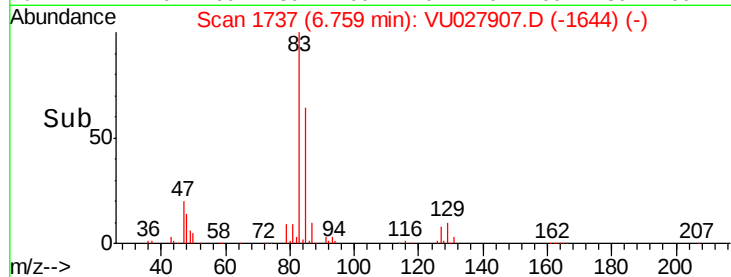
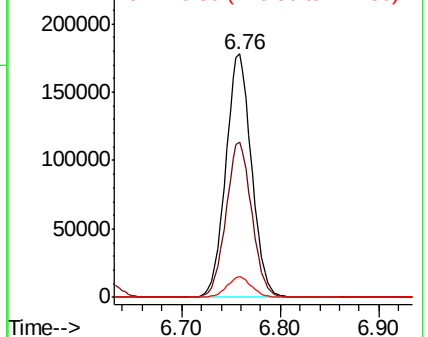
83 100

85 63.7 51.0 76.6

127 8.4 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 110.221 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

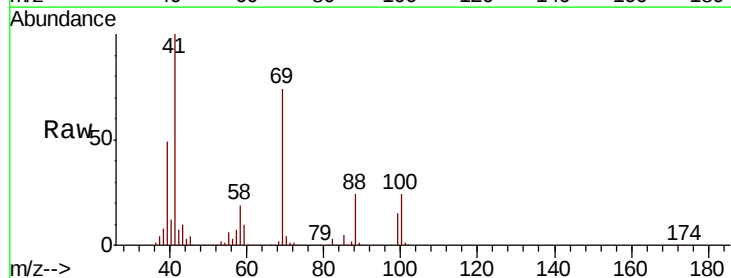
Tgt Ion: 41 Resp: 372940

Ion Ratio Lower Upper

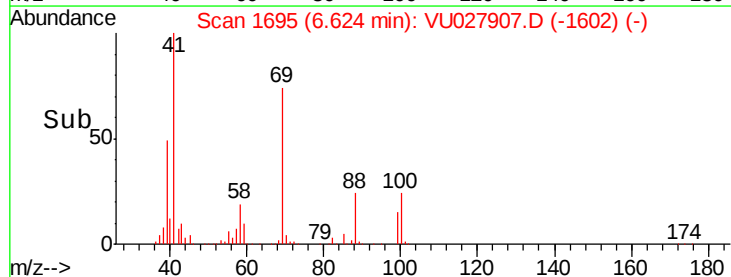
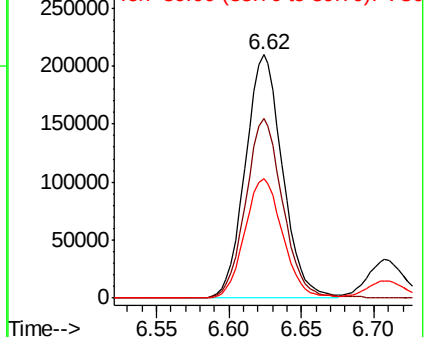
41 100

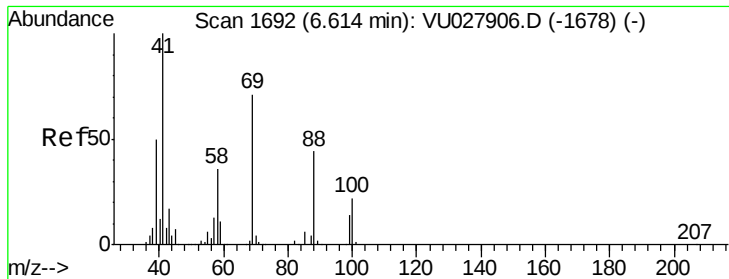
69 74.3 59.8 89.8

39 50.2 40.0 60.0



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

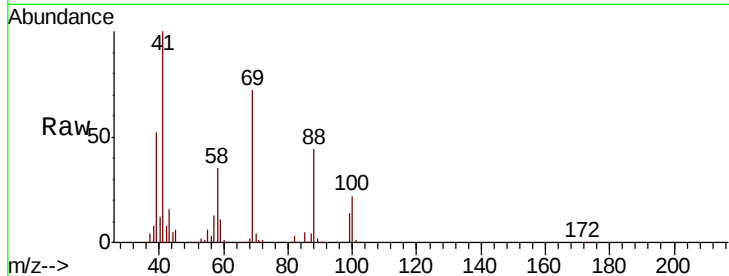




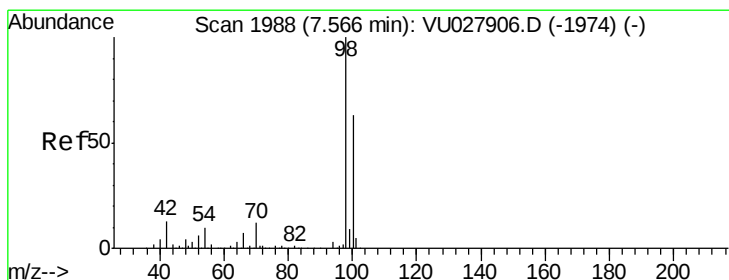
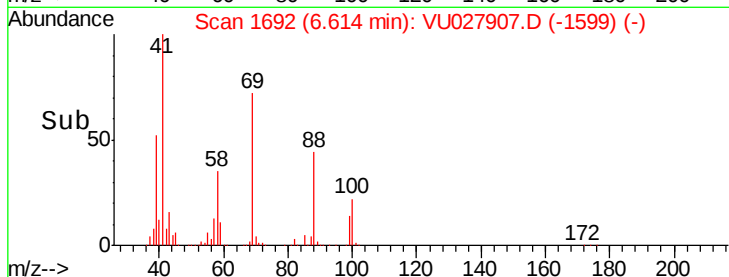
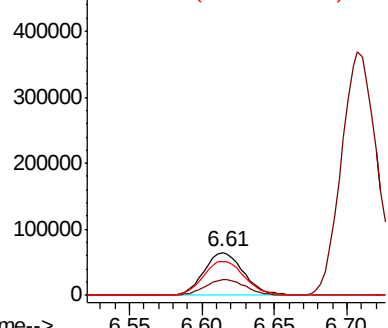
#49
1,4-Dioxane
Concen: 2121.597 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 122413
Ion Ratio Lower Upper
88 100
43 37.3 30.5 45.7
58 83.2 67.1 100.7

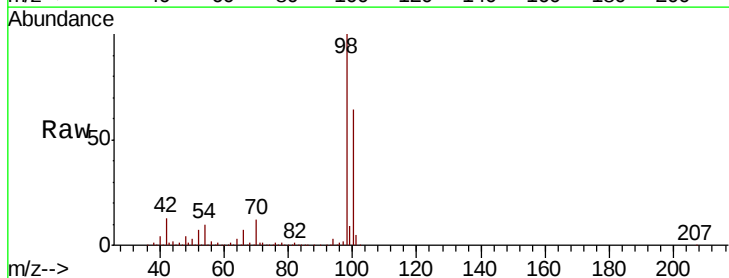


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

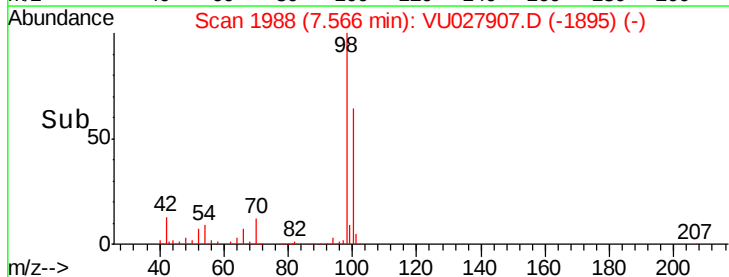
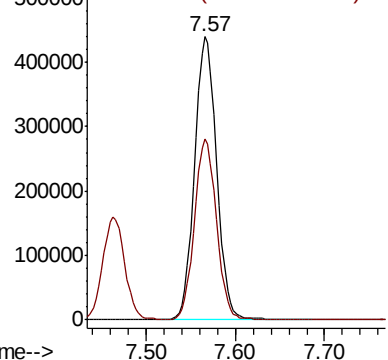


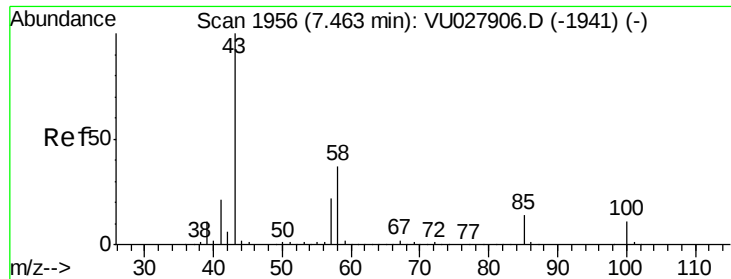
#50
Toluene-d8
Concen: 96.498 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 98 Resp: 751577
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

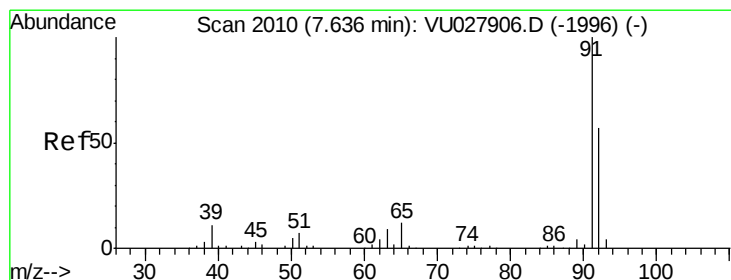
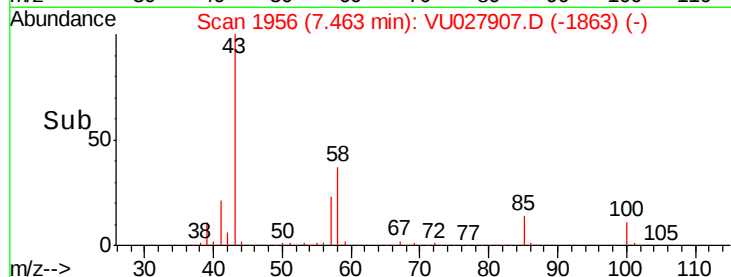
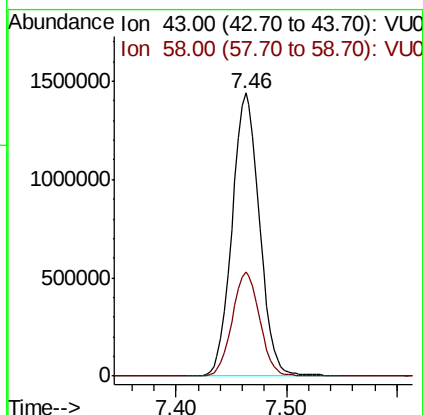
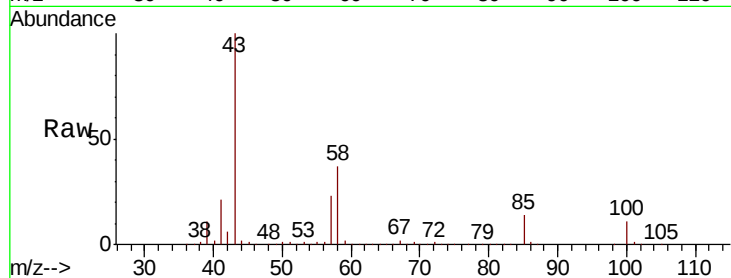




#51
4-Methyl-2-Pentanone
Concen: 557.835 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

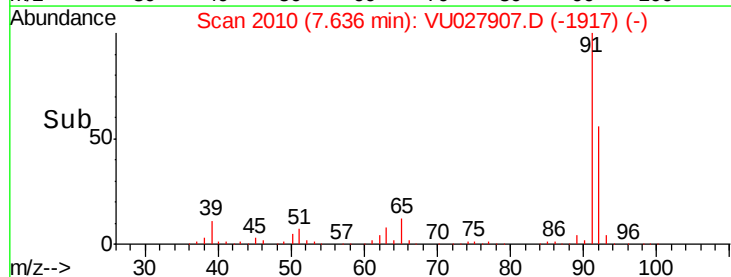
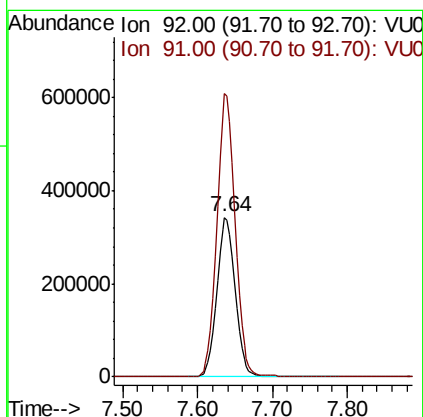
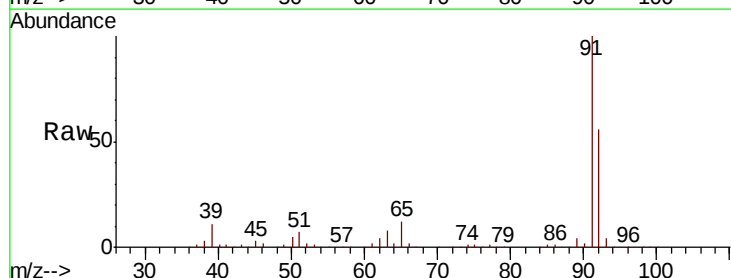
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

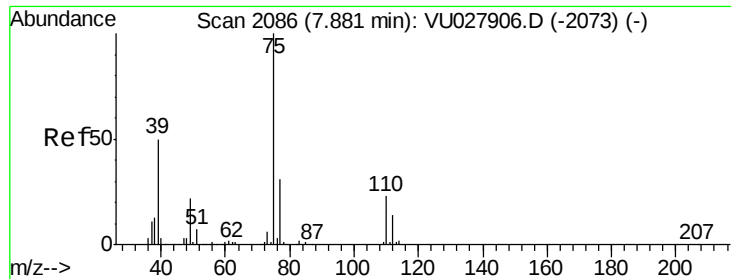
Tgt Ion: 43 Resp: 2479166
Ion Ratio Lower Upper
43 100
58 37.0 29.5 44.3



#52
Toluene
Concen: 101.263 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 92 Resp: 582988
Ion Ratio Lower Upper
92 100
91 177.7 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 101.863 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

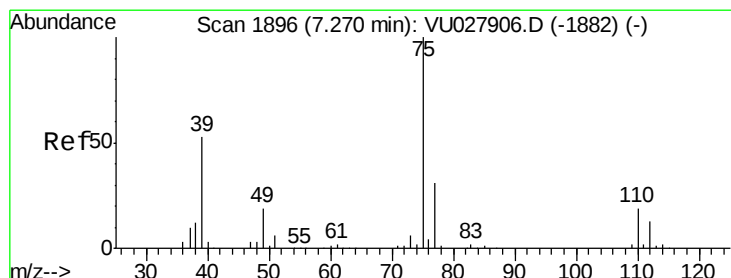
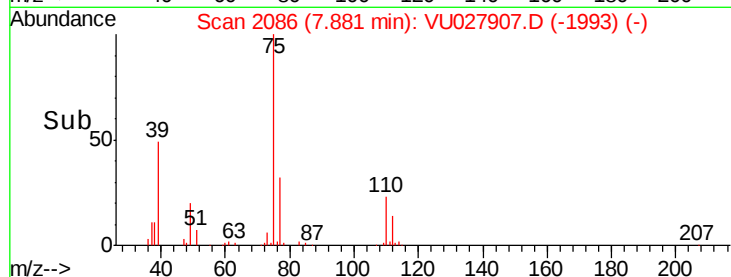
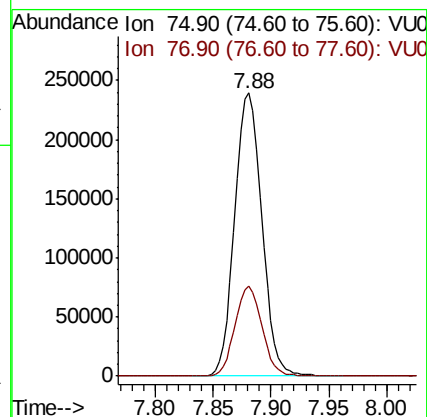
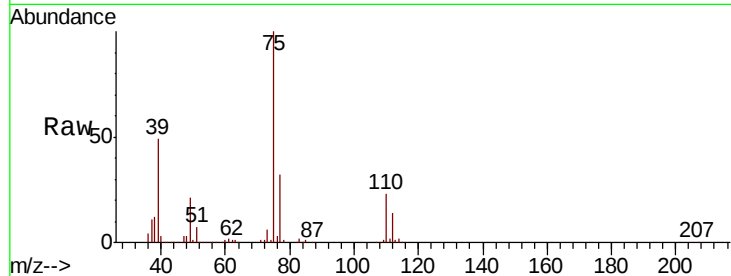
VSTDIC100

Tgt Ion: 75 Resp: 389646

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 100.830 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

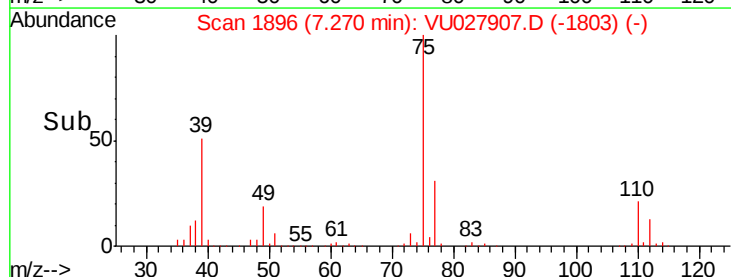
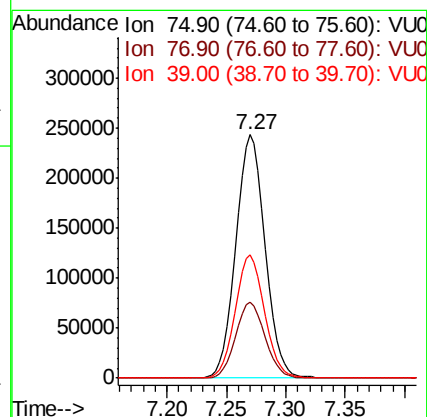
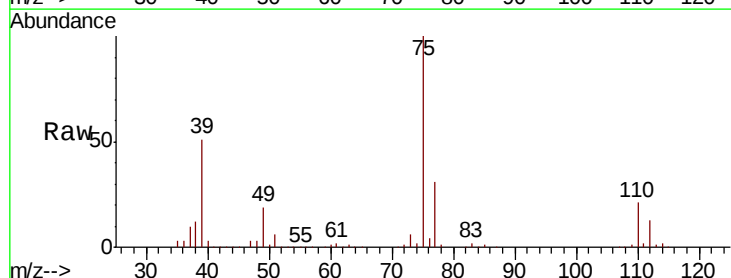
Tgt Ion: 75 Resp: 414978

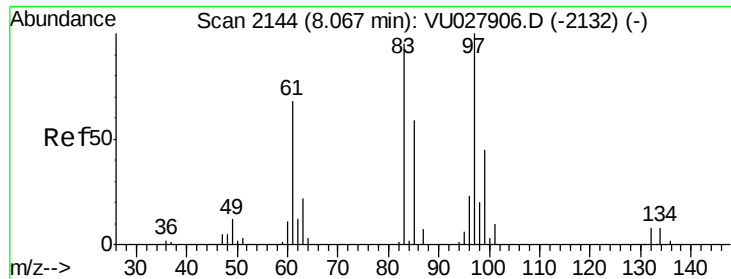
Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 50.6 42.6 64.0

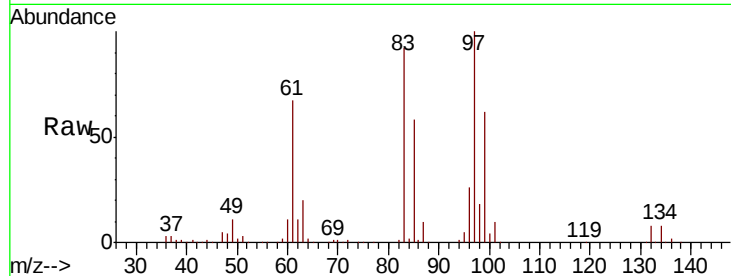




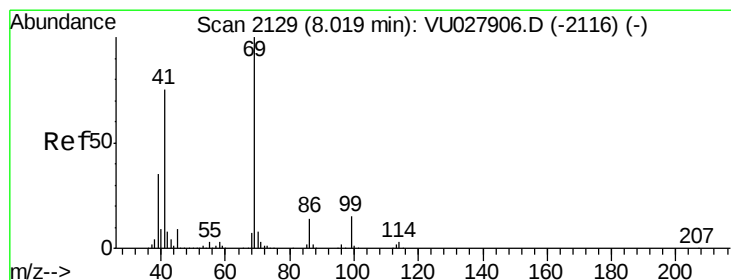
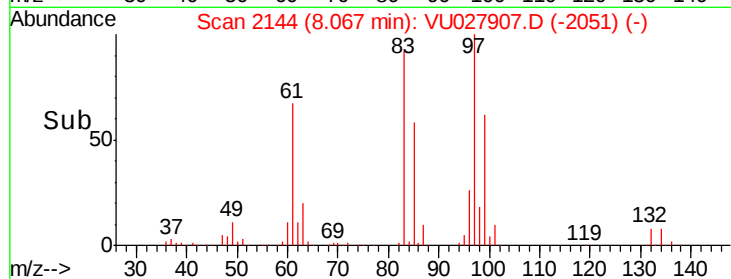
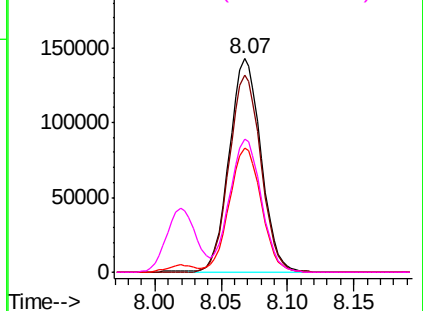
#55
 1,1,2-Trichloroethane
 Concen: 103.785 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	236927
Ion	Ratio	Lower	Upper
97	100		
83	92.5	76.1	114.1
85	57.8	48.9	73.3
99	62.3	52.0	78.0

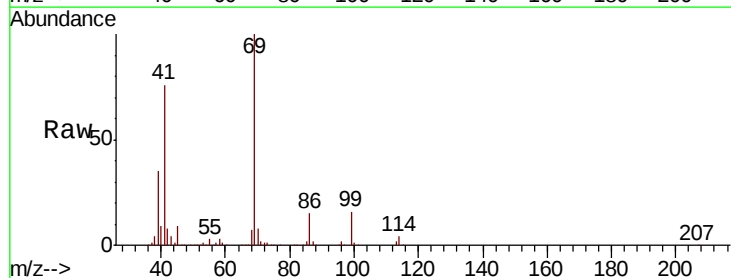


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

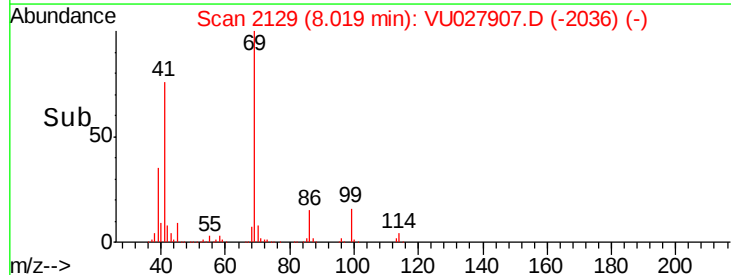
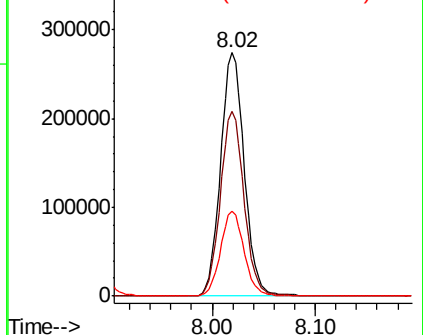


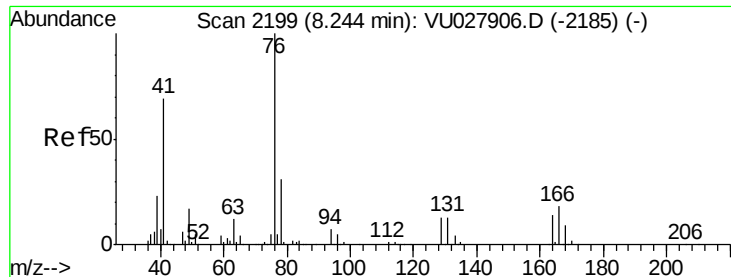
#56
 Ethyl methacrylate
 Concen: 114.258 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion:	69	Resp:	437908
Ion	Ratio	Lower	Upper
69	100		
41	75.6	59.8	89.6
39	34.7	28.6	42.8



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

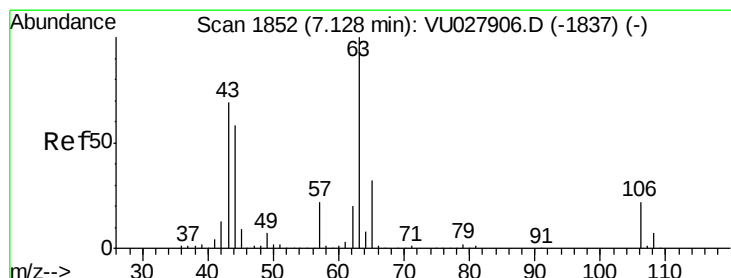
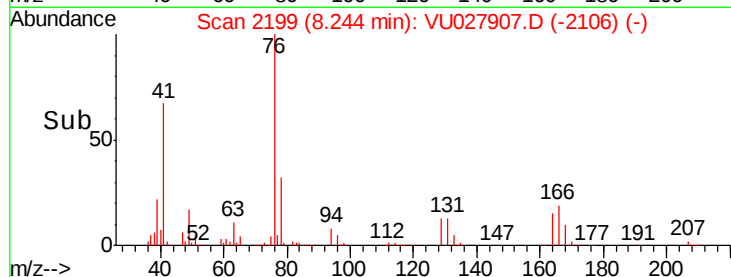
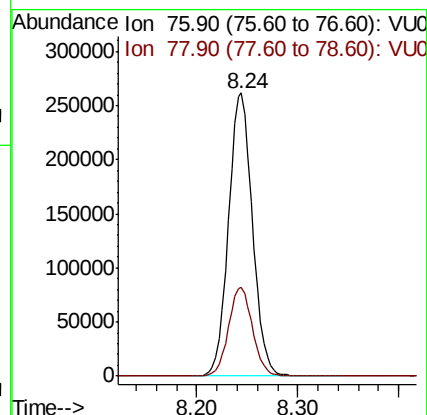
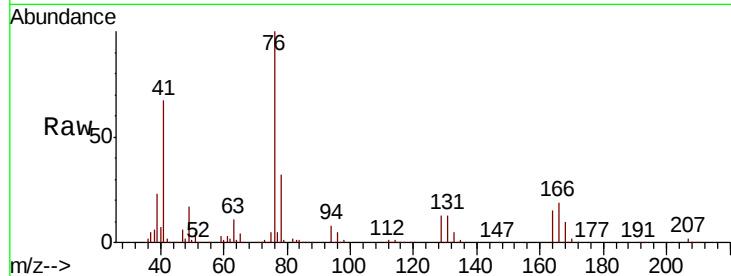




#57
 1,3-Dichloropropane
 Concen: 98.280 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

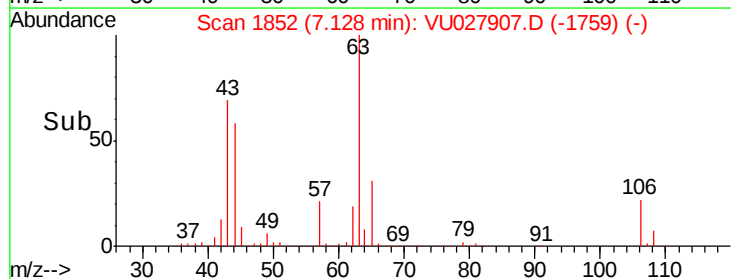
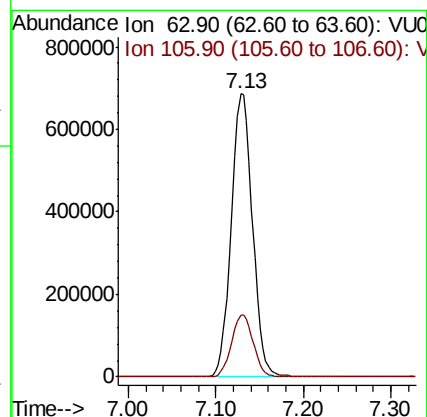
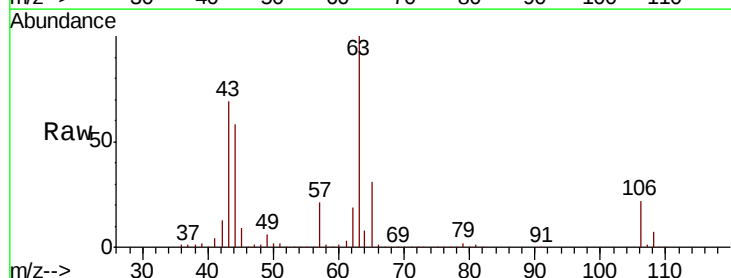
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

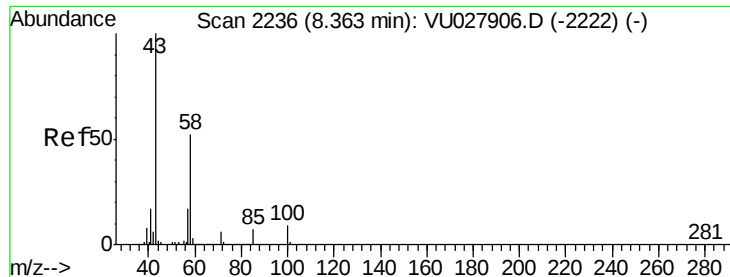
Tgt Ion: 76 Resp: 433952
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 552.317 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 63 Resp: 1158949
 Ion Ratio Lower Upper
 63 100
 106 22.2 17.8 26.6

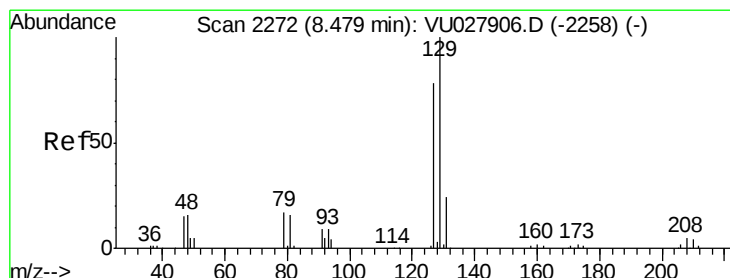
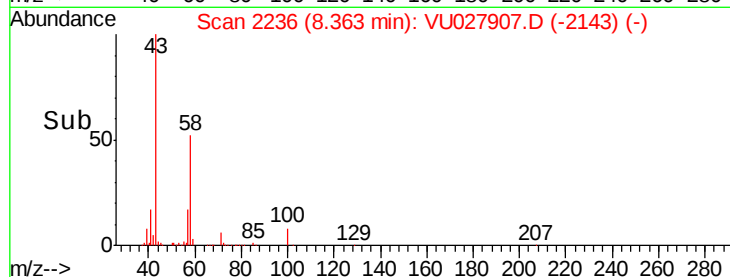
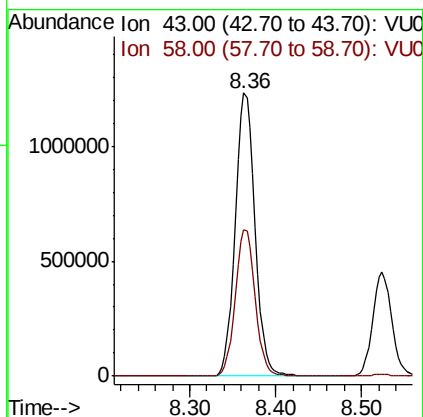
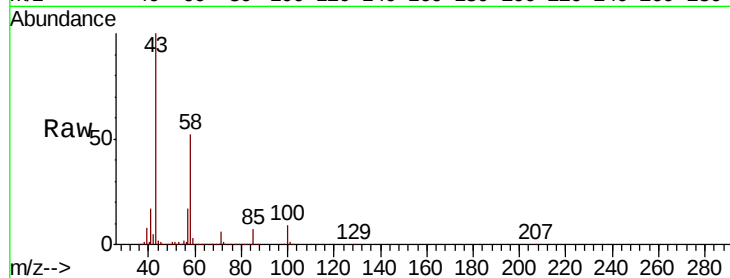




#59
2-Hexanone
Concen: 566.664 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

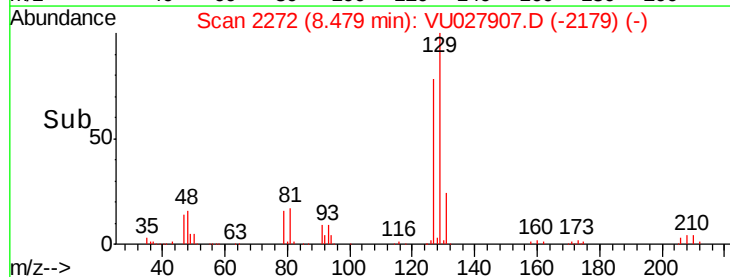
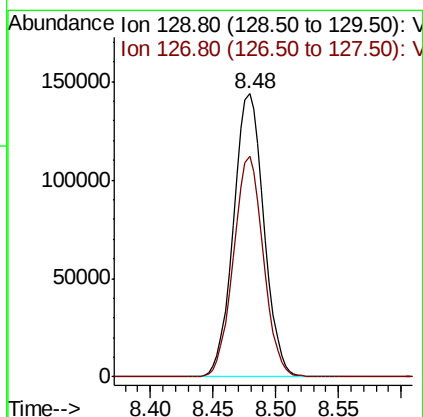
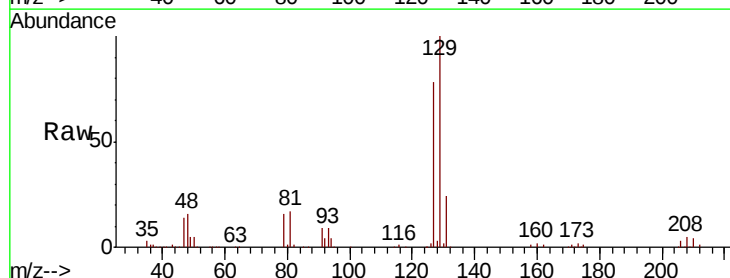
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

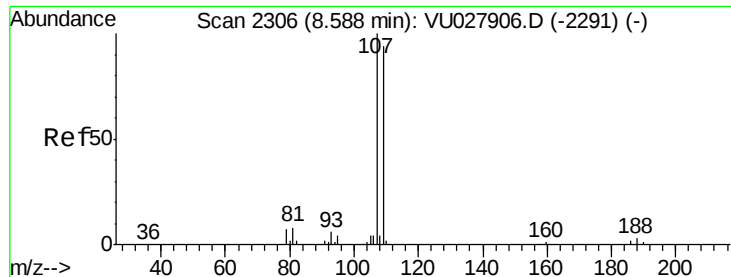
Tgt Ion: 43 Resp: 1957699
Ion Ratio Lower Upper
43 100
58 52.0 25.8 77.3



#60
Dibromochloromethane
Concen: 105.704 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 129 Resp: 242433
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 104.995 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

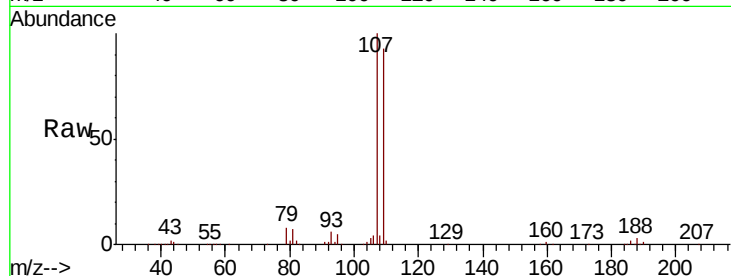
VSTDIC100

Tgt Ion: 107 Resp: 257420

Ion Ratio Lower Upper

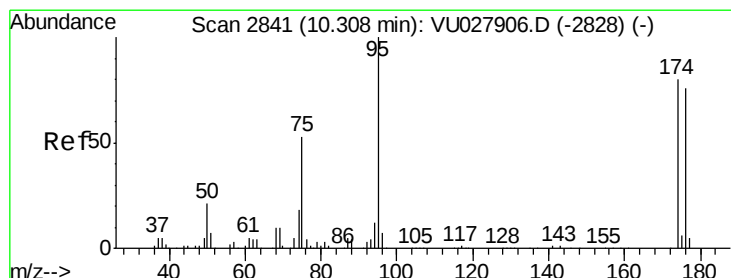
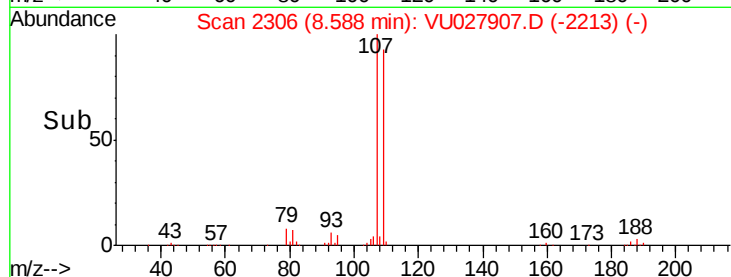
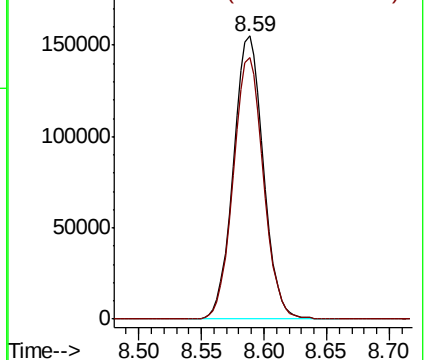
107 100

109 93.3 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 100.296 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

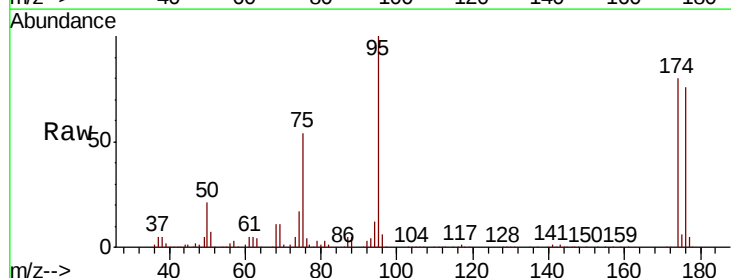
Tgt Ion: 95 Resp: 291025

Ion Ratio Lower Upper

95 100

174 78.3 0.0 156.4

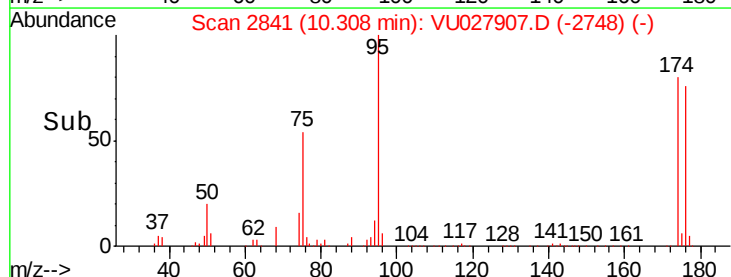
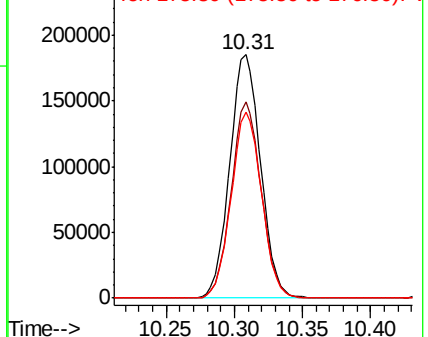
176 75.2 0.0 150.8

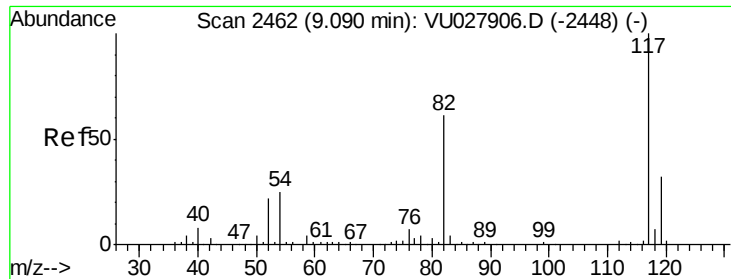


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

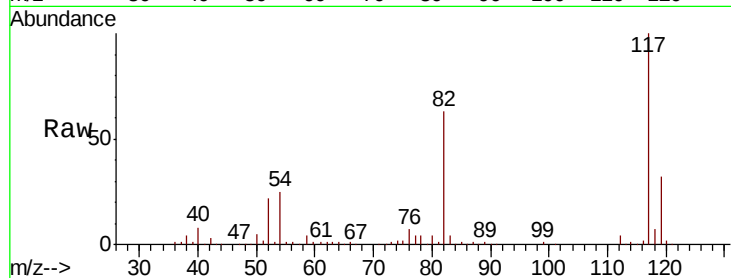




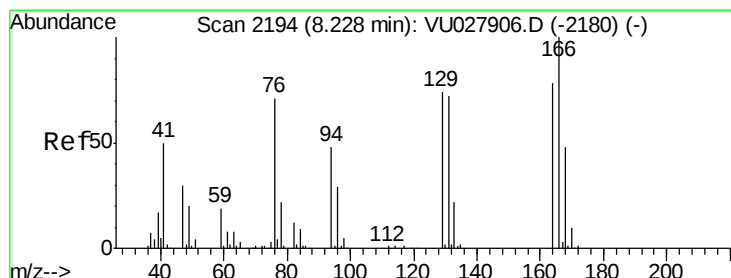
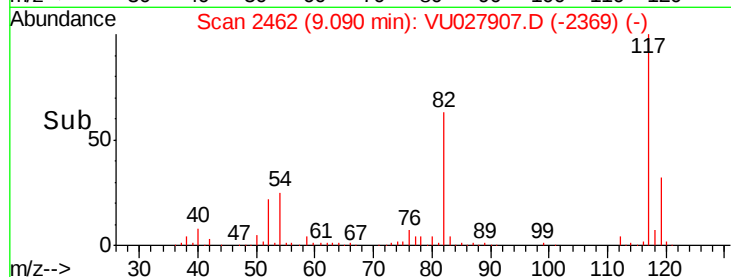
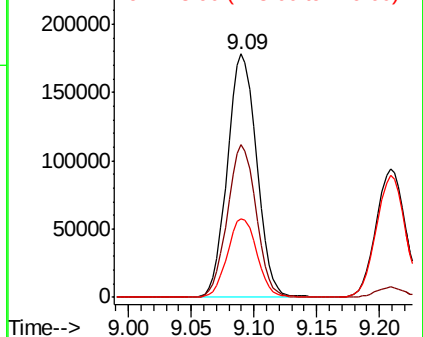
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 290258
Ion Ratio Lower Upper
117 100
82 62.6 48.6 73.0
119 32.5 25.8 38.8

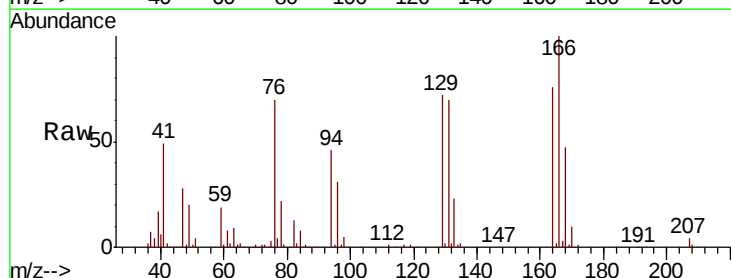


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

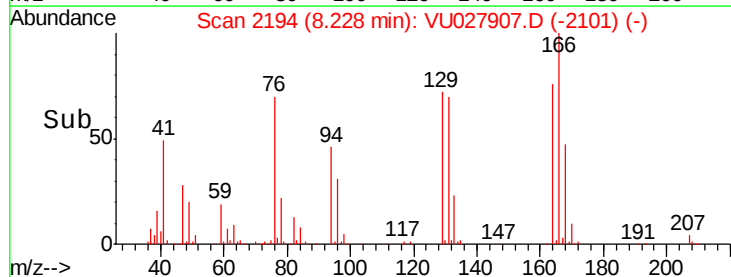
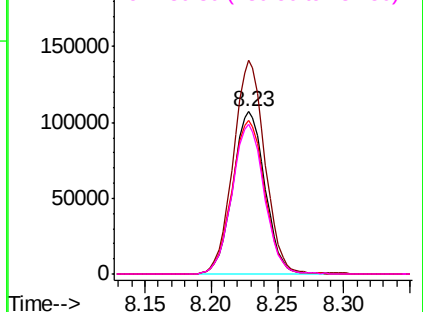


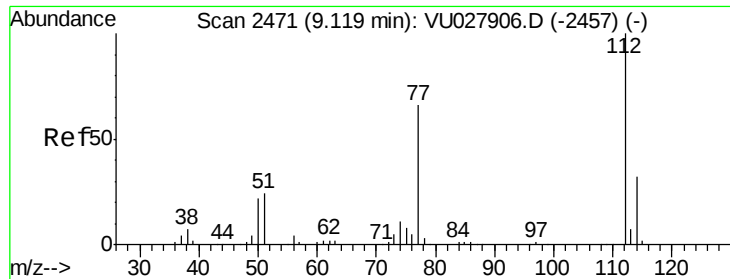
#64
Tetrachloroethene
Concen: 99.791 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion:164 Resp: 180288
Ion Ratio Lower Upper
164 100
166 131.6 102.1 153.1
129 94.8 75.9 113.9
131 92.2 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

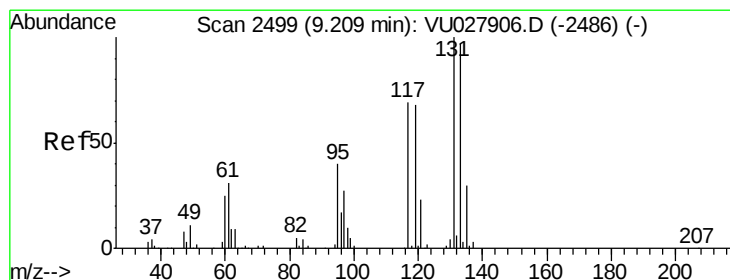
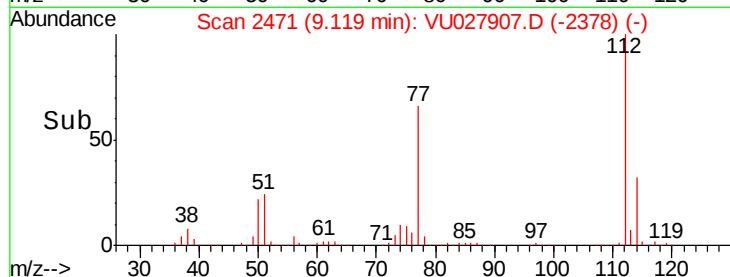
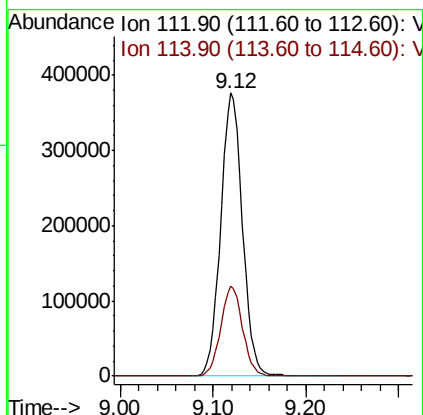
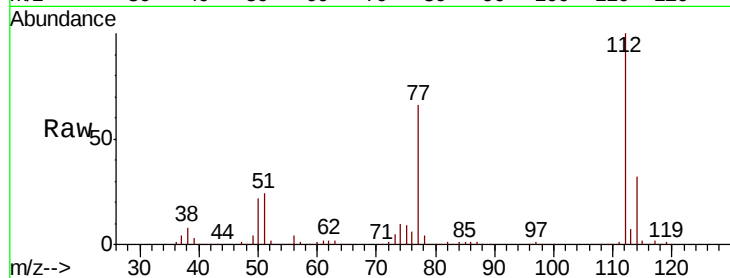




#65
Chlorobenzene
Concen: 99.866 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

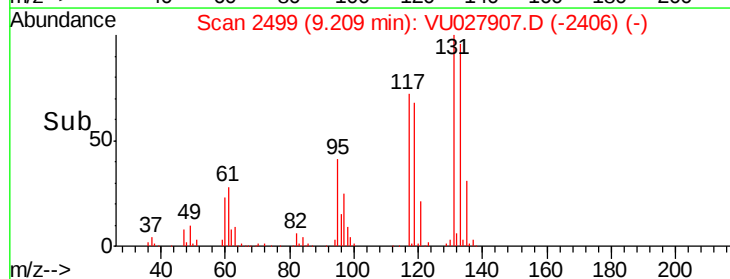
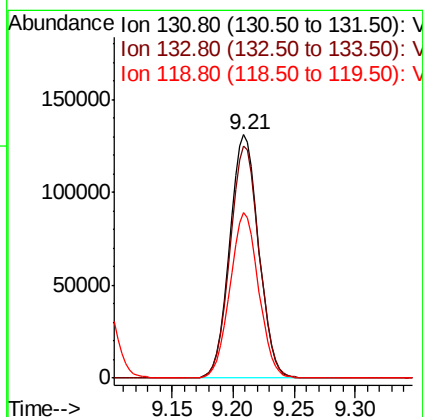
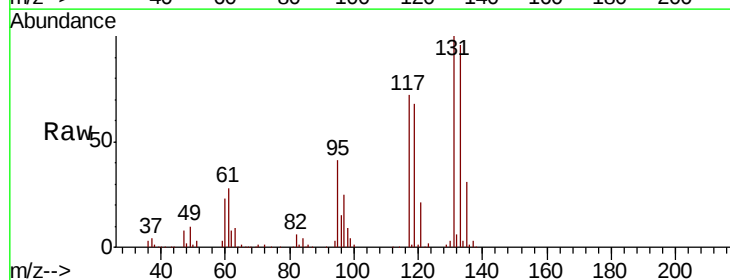
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

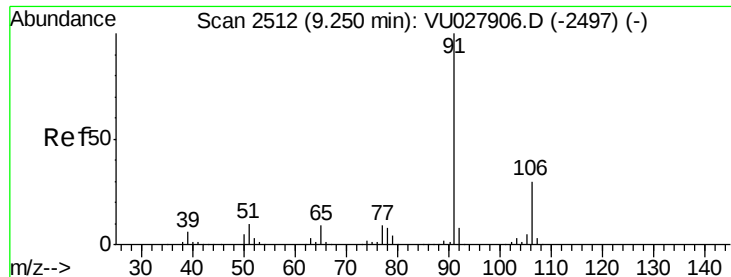
Tgt Ion:112 Resp: 611858
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 102.744 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion:131 Resp: 216875
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 67.3 34.0 101.8

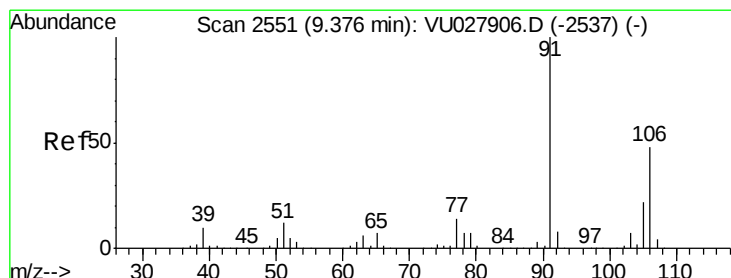
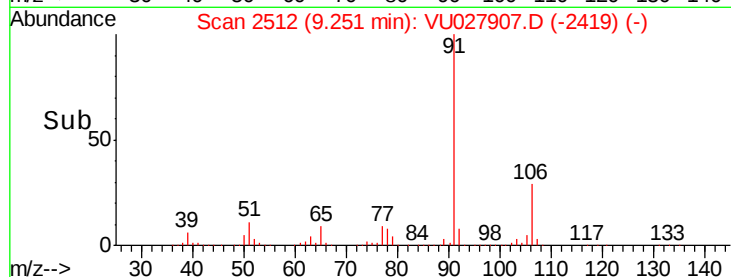
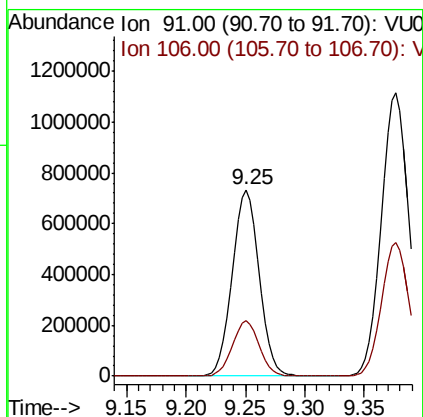
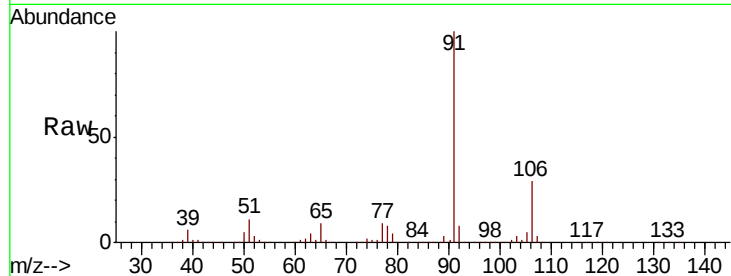




#67
Ethyl Benzene
Concen: 105.933 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

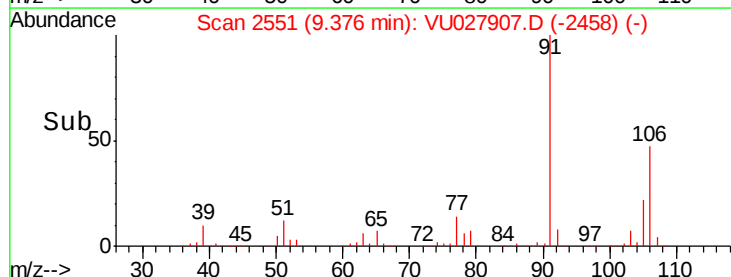
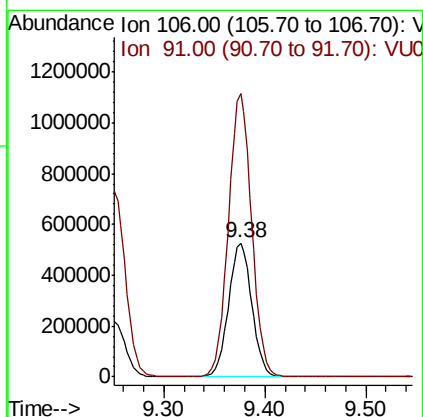
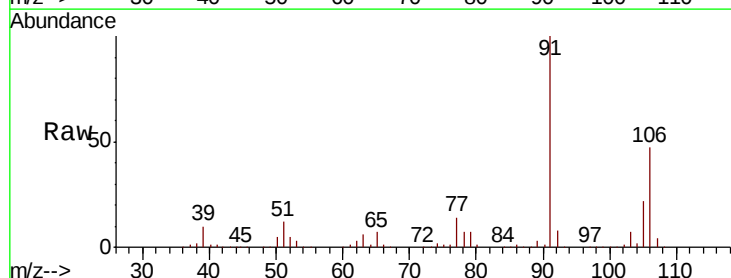
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

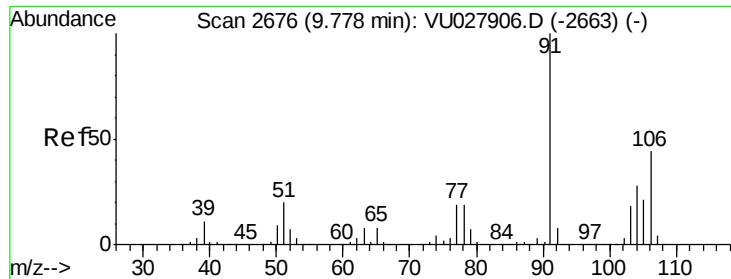
Tgt Ion: 91 Resp: 1151951
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 213.176 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 106 Resp: 845277
Ion Ratio Lower Upper
106 100
91 211.8 168.2 252.4

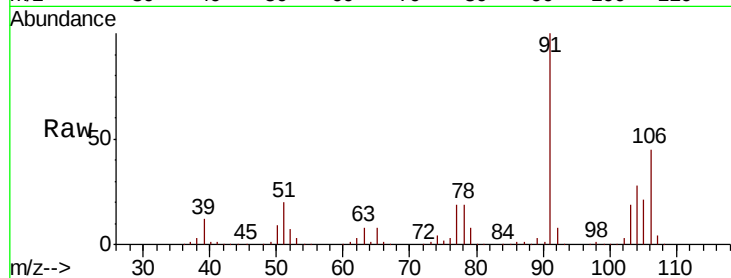




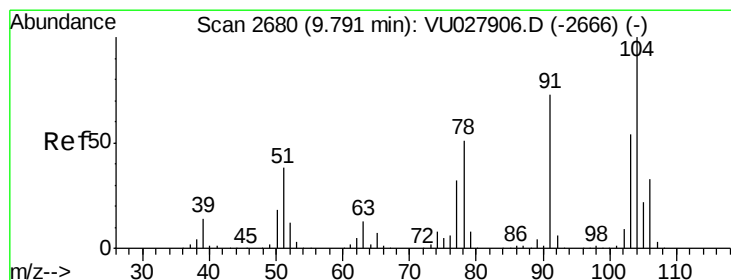
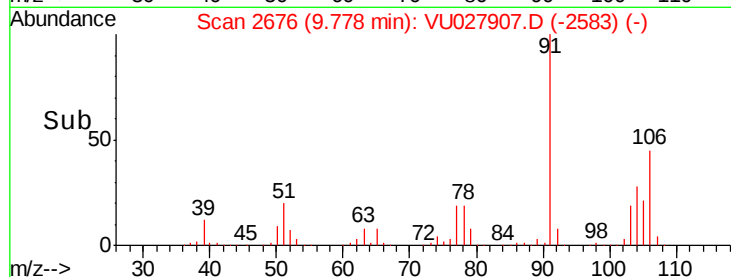
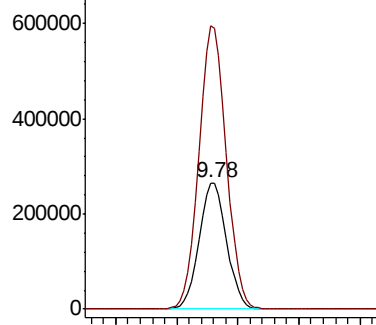
#69
o-Xylene
Concen: 110.016 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 416467
Ion Ratio Lower Upper
106 100
91 224.4 111.1 333.4

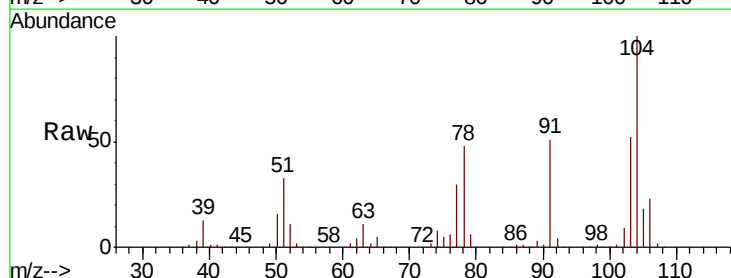


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

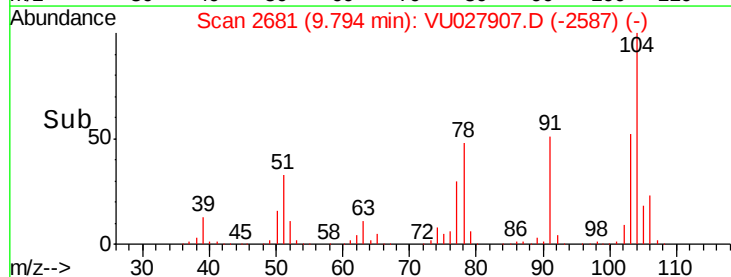
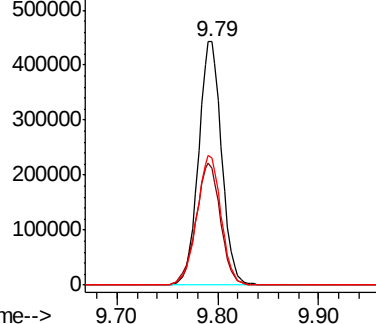


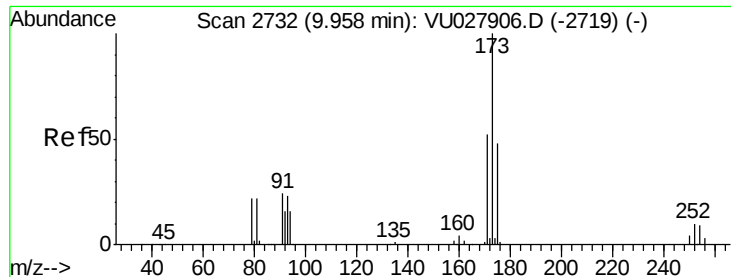
#70
Styrene
Concen: 113.493 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion:104 Resp: 705873
Ion Ratio Lower Upper
104 100
78 53.2 43.0 64.4
103 55.9 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 113.437 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

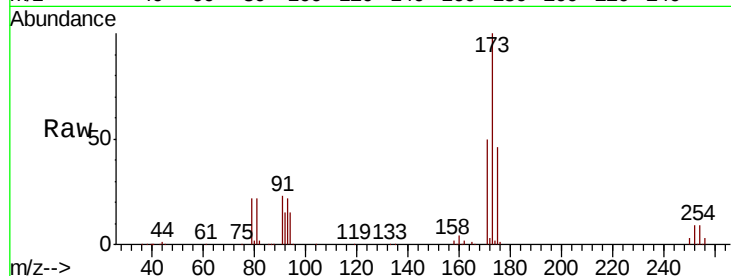
Tgt Ion:173 Resp: 194648

Ion Ratio Lower Upper

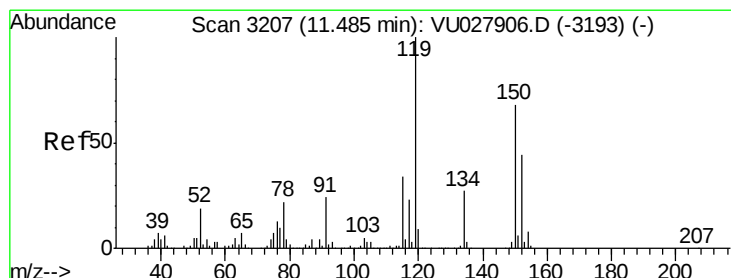
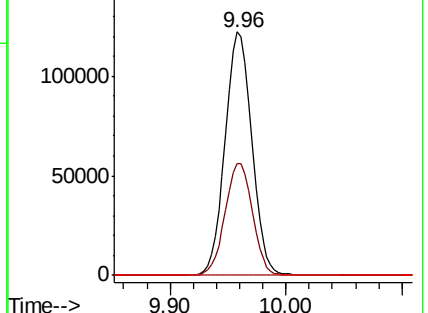
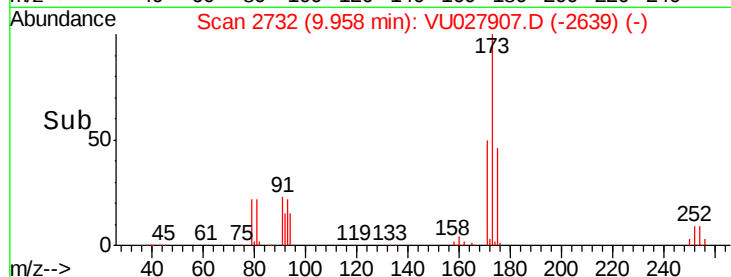
173 100

175 47.1 24.3 72.8

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

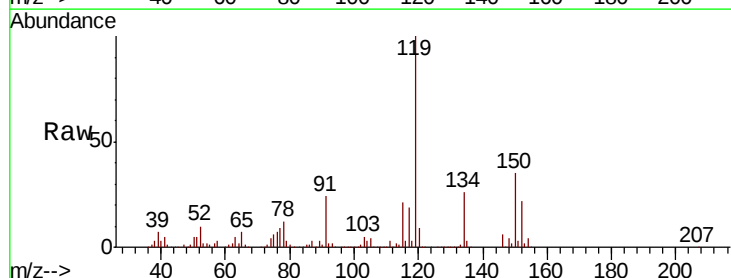
Tgt Ion:152 Resp: 151840

Ion Ratio Lower Upper

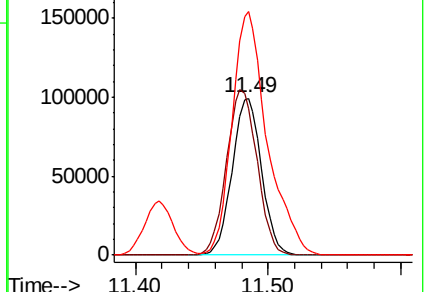
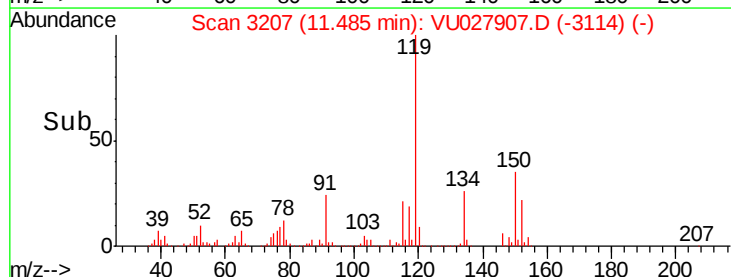
152 100

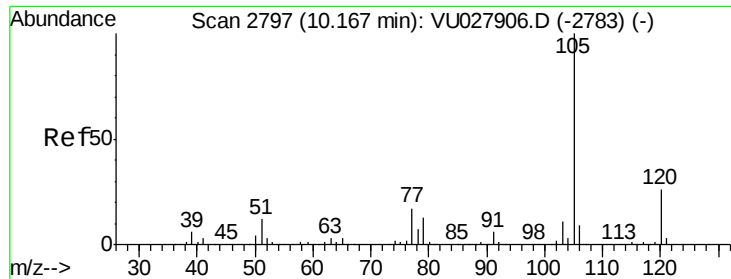
115 110.9 43.0 129.0

150 187.4 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 102.044 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

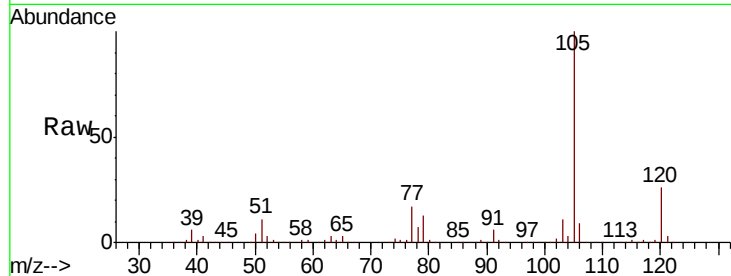
VSTDIC100

Tgt Ion:105 Resp: 1126629

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

800000

600000

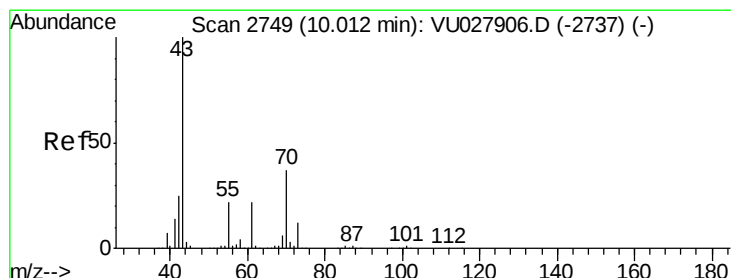
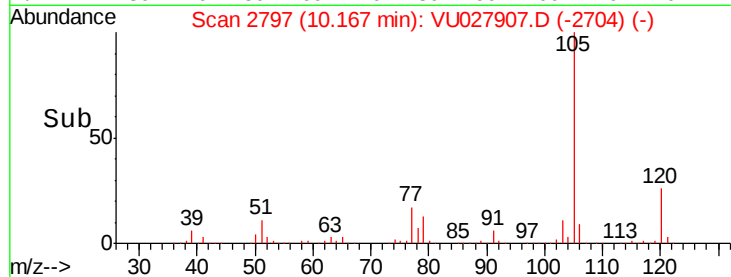
400000

200000

0

Time-->

10.10 10.20



#74

N-ethyl acetate

Concen: 109.688 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Tgt Ion: 43 Resp: 707218

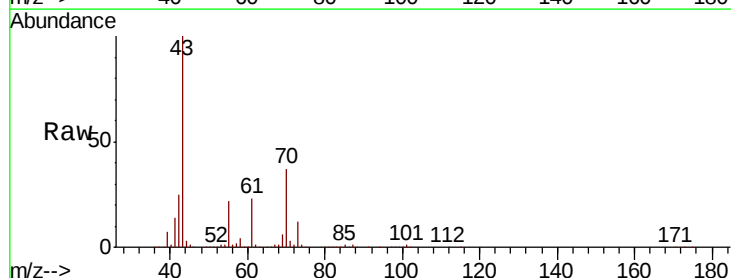
Ion Ratio Lower Upper

43 100

70 37.1 29.2 43.8

55 22.1 17.8 26.6

61 22.8 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

600000

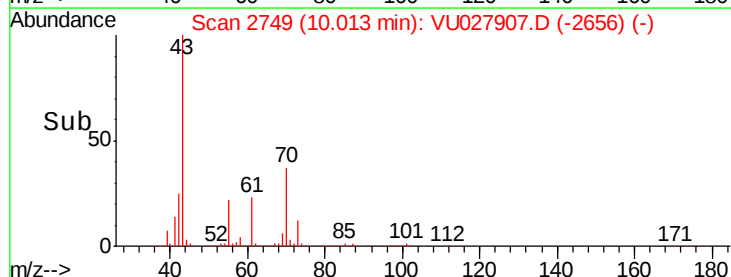
400000

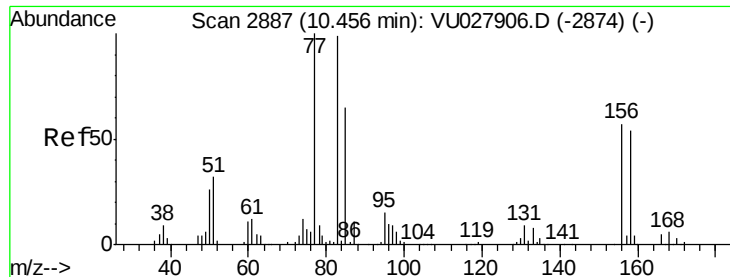
200000

0

Time-->

10.00 10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 101.509 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

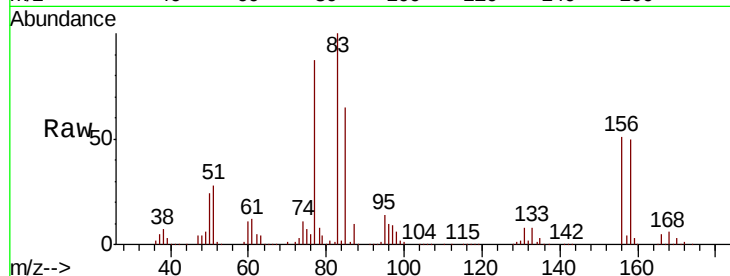
Tgt Ion: 83 Resp: 446773

Ion Ratio Lower Upper

83 100

131 8.4 4.3 13.1

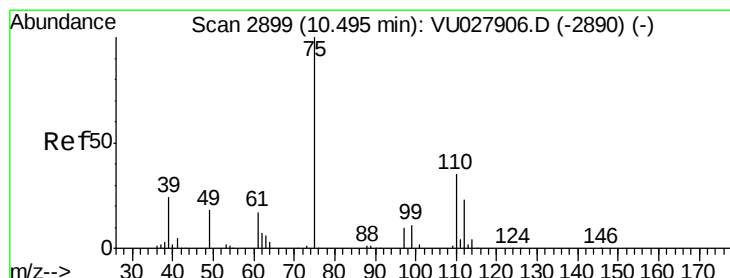
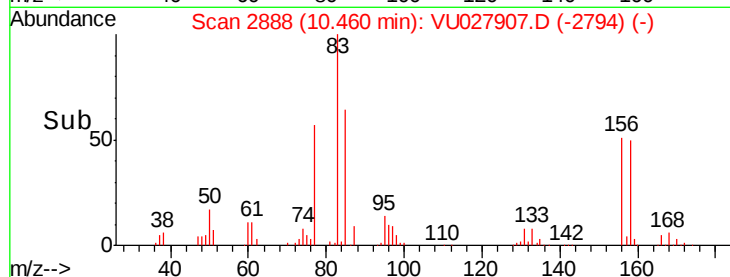
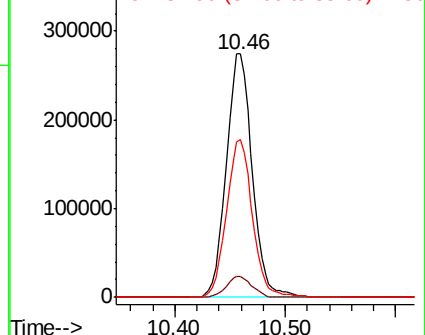
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027907.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU027907.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU027907.D (-2794) (-)



#76

1,2,3-Trichloropropane

Concen: 135.470 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027907.D

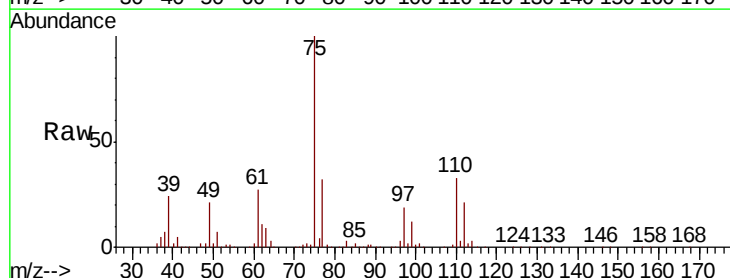
Acq: 01 Nov 2018 19:59

Tgt Ion: 75 Resp: 533314

Ion Ratio Lower Upper

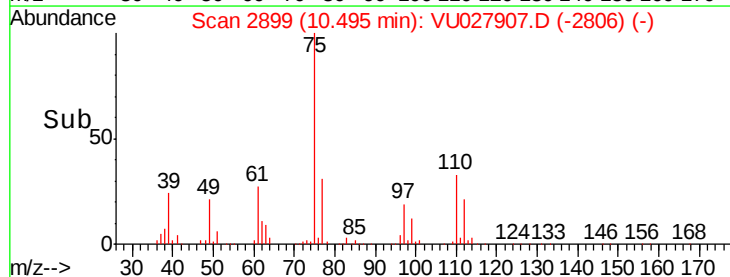
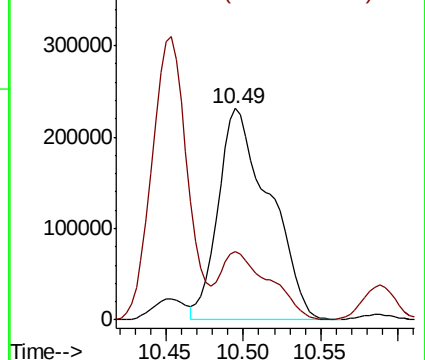
75 100

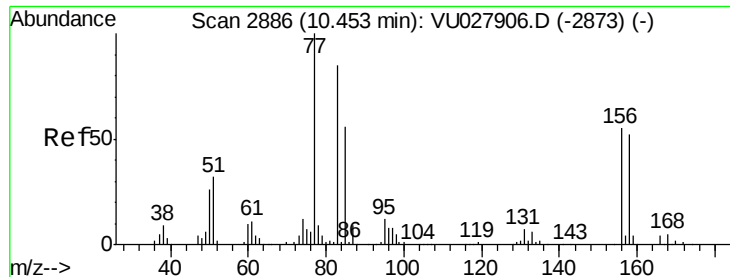
77 31.0 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027907.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027907.D (-2806) (-)





#77

Bromobenzene

Concen: 103.815 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

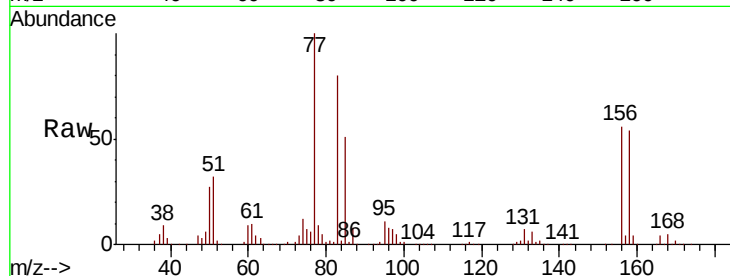
Tgt Ion:156 Resp: 269057

Ion Ratio Lower Upper

156 100

77 183.1 91.8 275.6

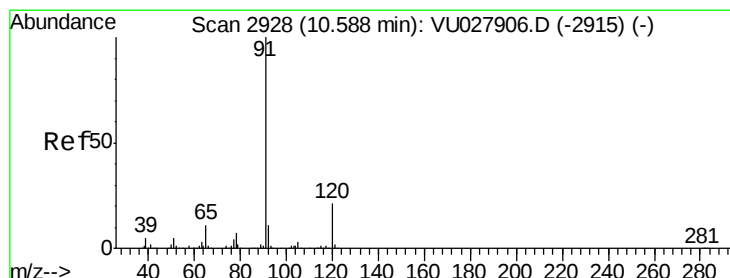
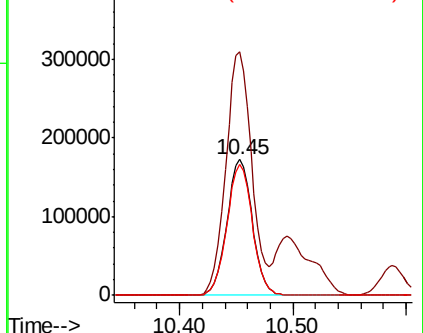
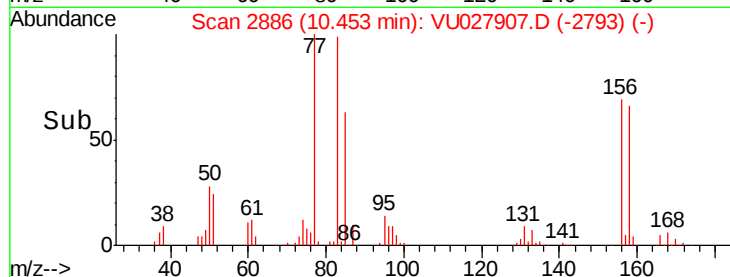
158 97.2 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 105.613 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027907.D

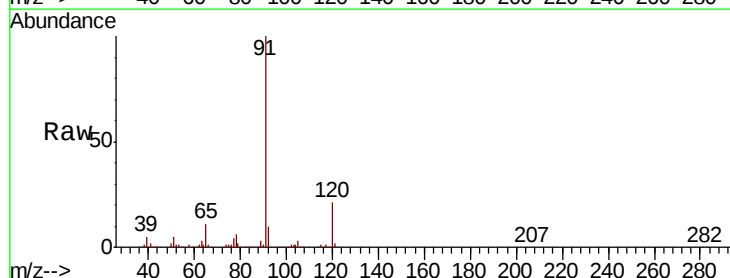
Acq: 01 Nov 2018 19:59

Tgt Ion: 91 Resp: 1402632

Ion Ratio Lower Upper

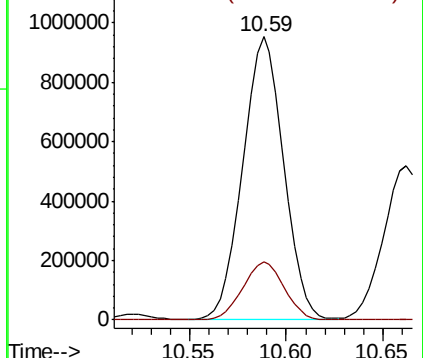
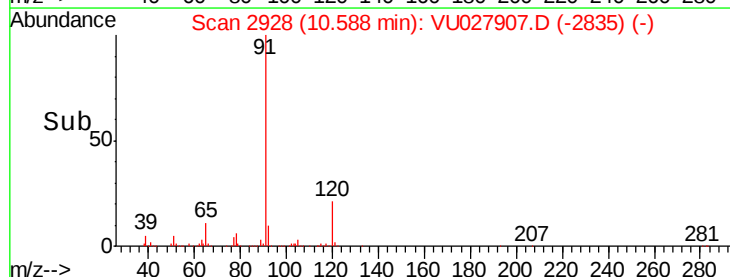
91 100

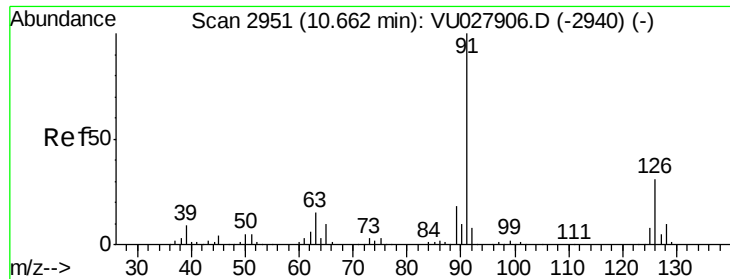
120 20.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

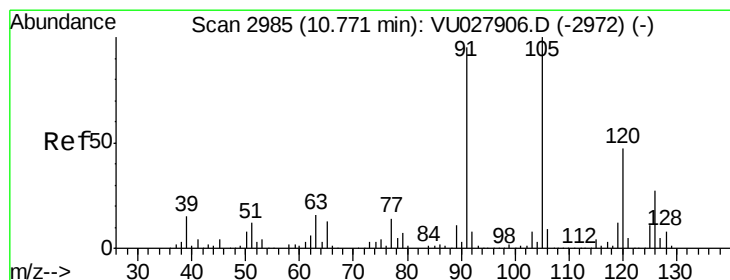
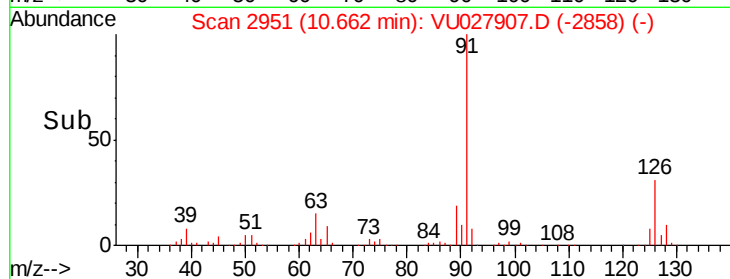
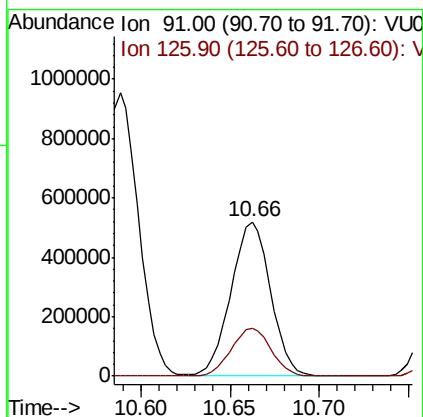
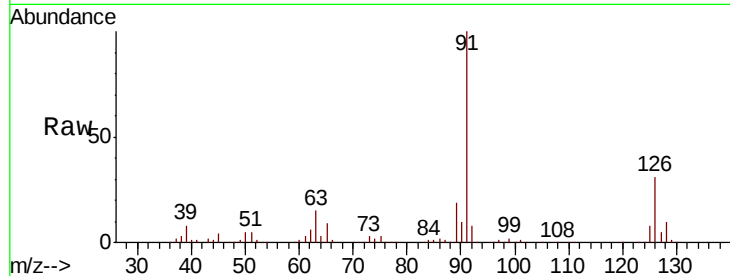




#79
 2-Chlorotoluene
 Concen: 99.889 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

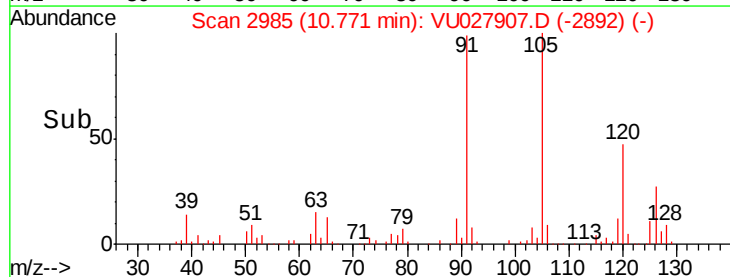
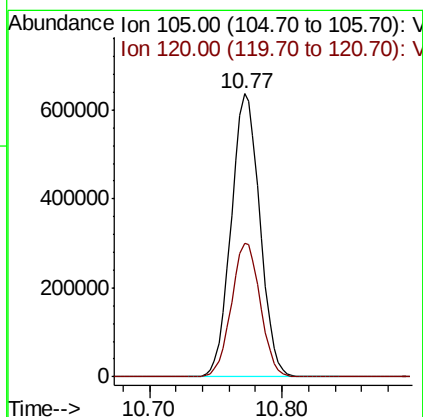
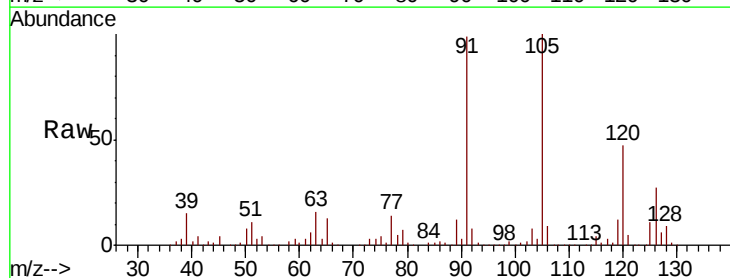
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

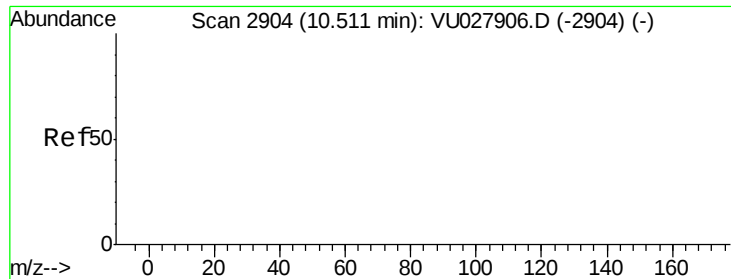
Tgt Ion: 91 Resp: 801060
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 105.510 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 105 Resp: 954435
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 350.052 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

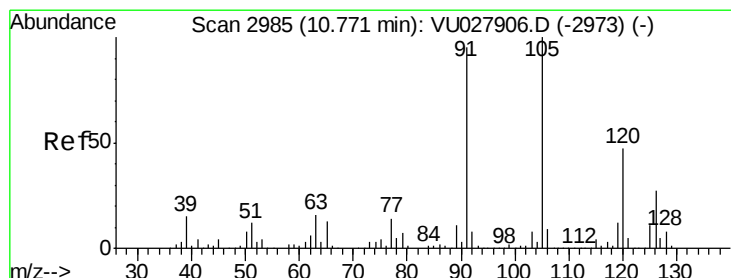
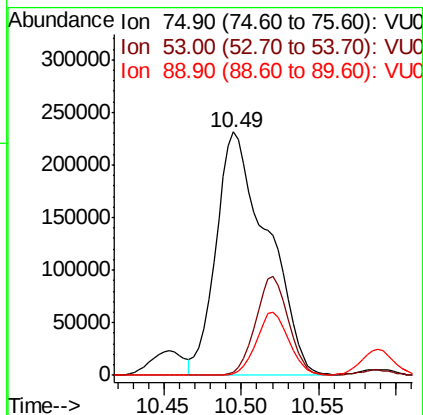
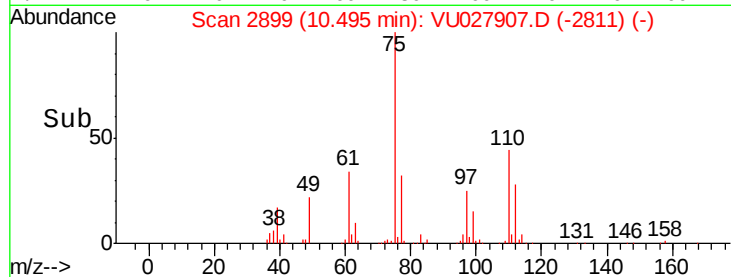
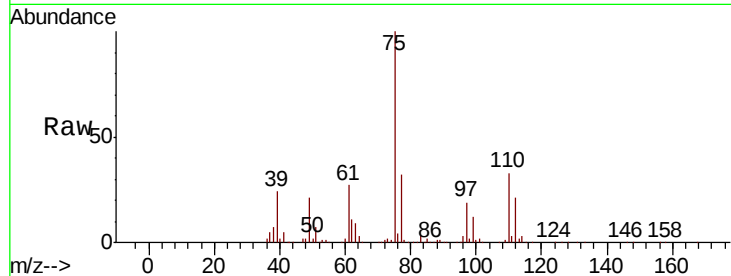
Tgt Ion: 75 Resp: 533314

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 103.803 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027907.D

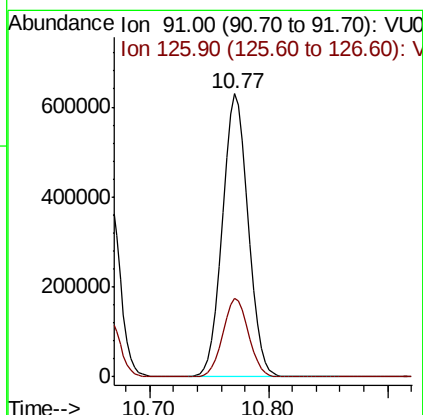
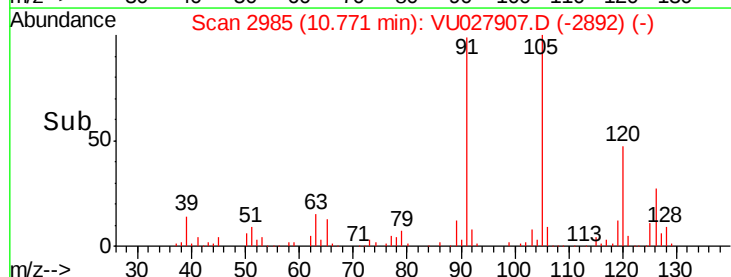
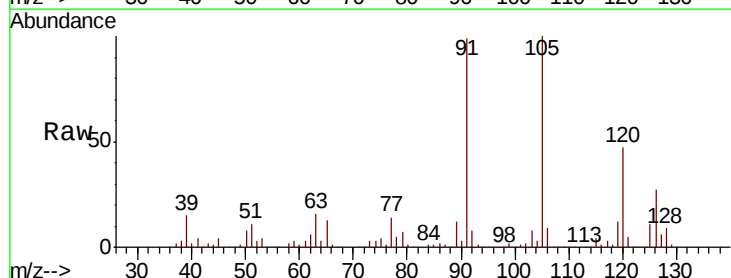
Acq: 01 Nov 2018 19:59

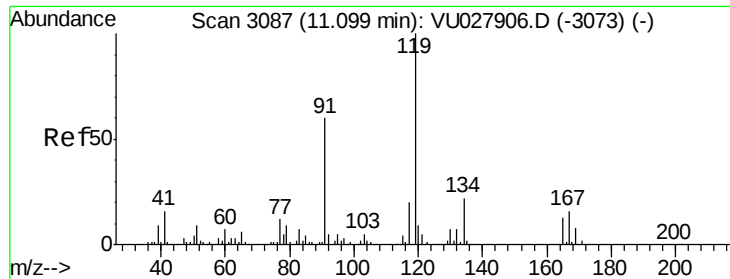
Tgt Ion: 91 Resp: 941915

Ion Ratio Lower Upper

91 100

126 27.7 14.2 42.6

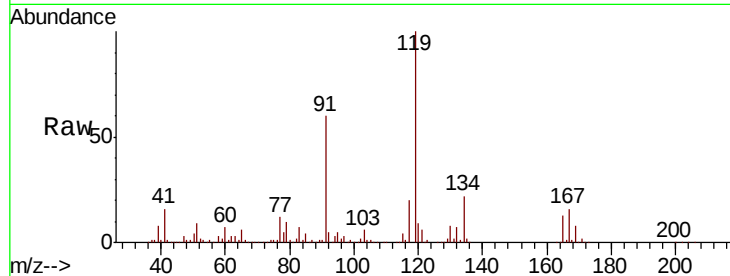




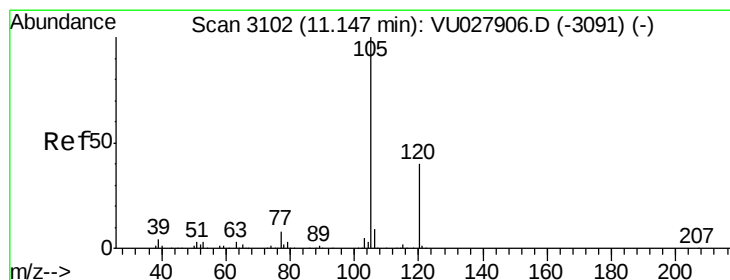
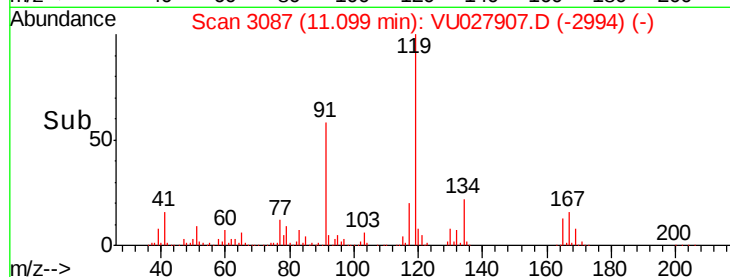
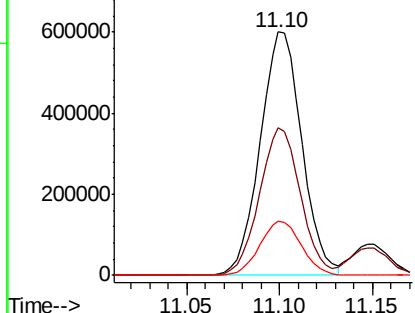
#83
tert-Butylbenzene
Concen: 107.351 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.8	89.3
134	22.2	11.1	33.1

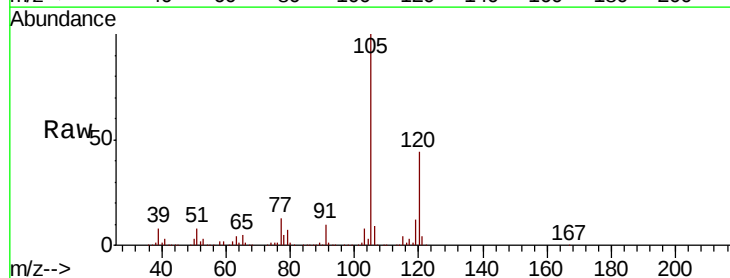


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

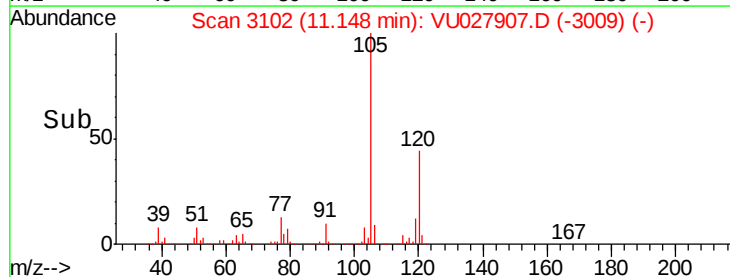
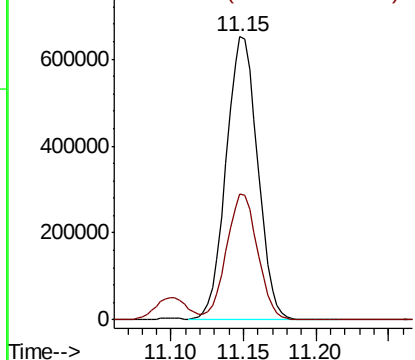


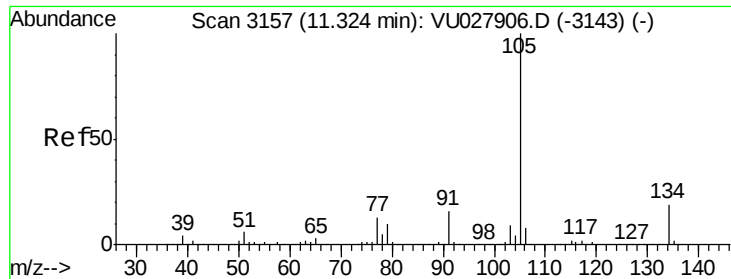
#84
1,2,4-Trimethylbenzene
Concen: 106.639 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU027907.D
Acq: 01 Nov 2018 19:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

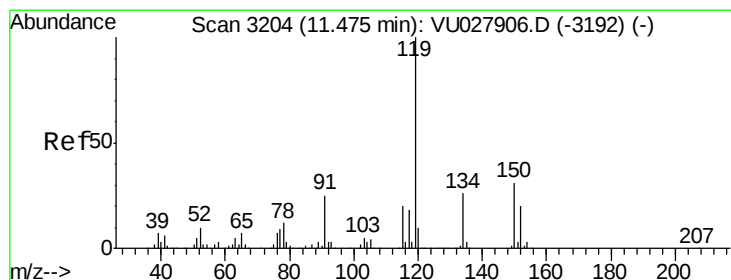
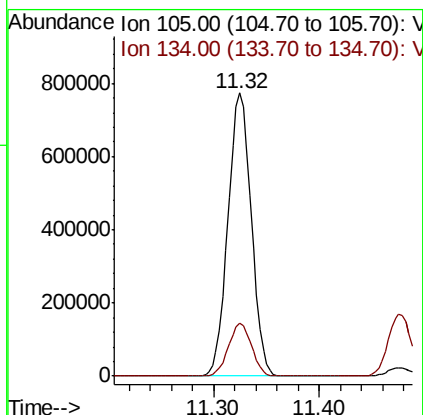
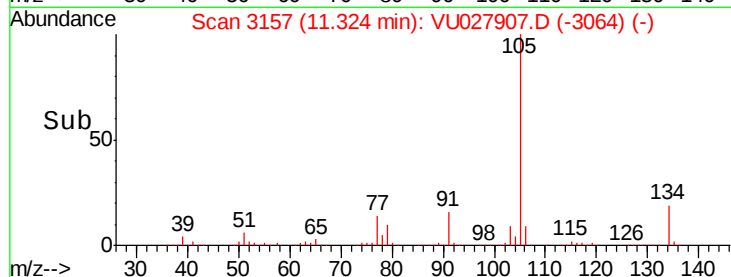
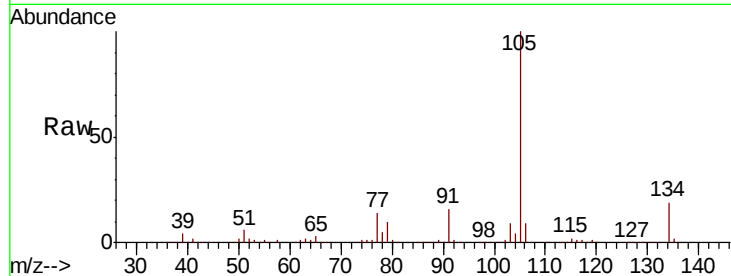




#85
 sec-Butylbenzene
 Concen: 107.121 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

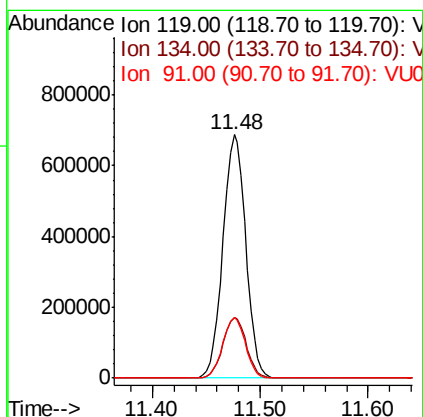
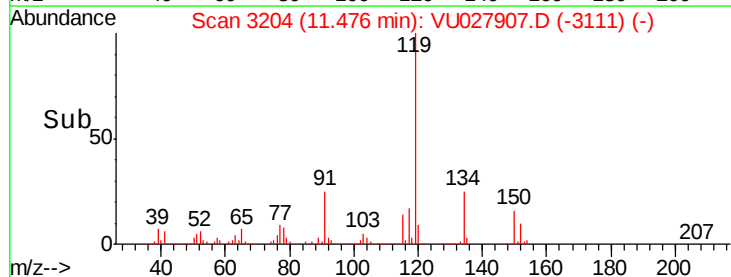
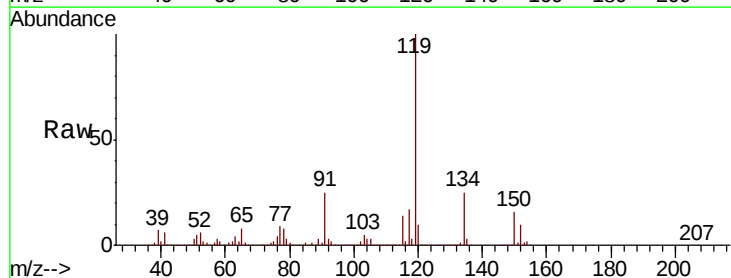
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

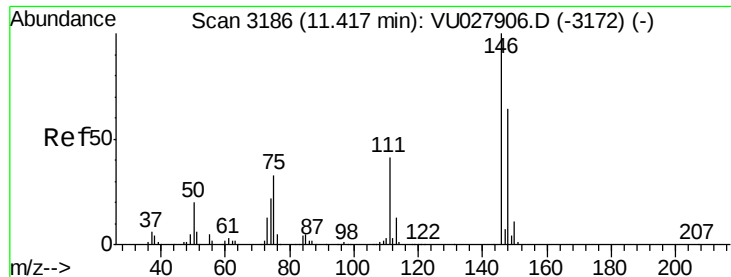
Tgt Ion:105 Resp: 1178710
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 107.760 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion:119 Resp: 1010005
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 24.7 12.4 37.2

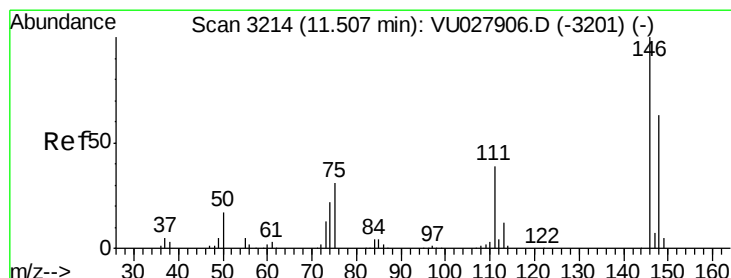
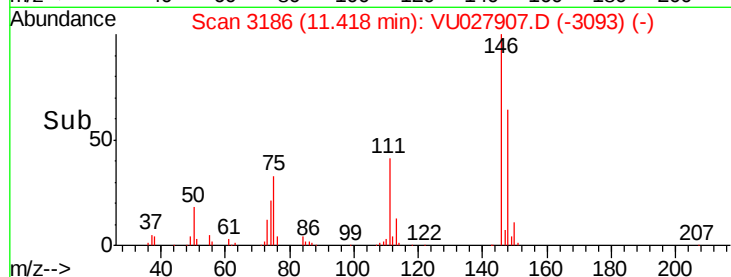
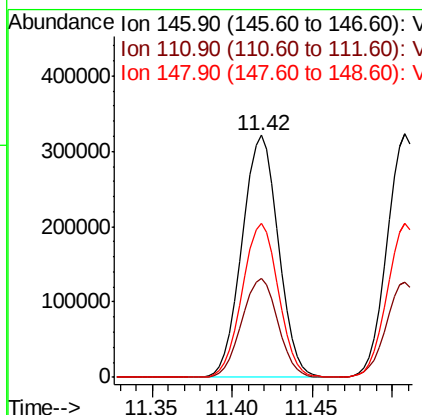
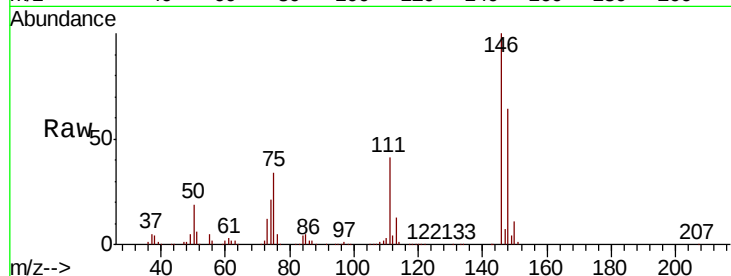




#87
 1,3-Dichlorobenzene
 Concen: 101.835 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

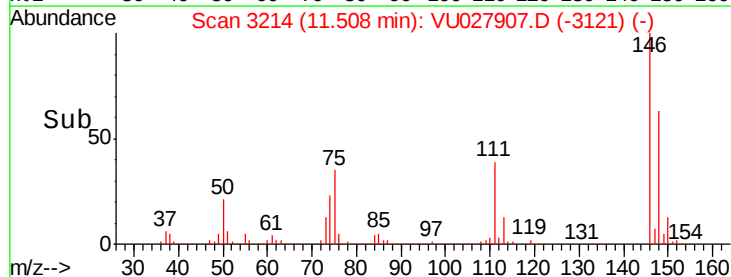
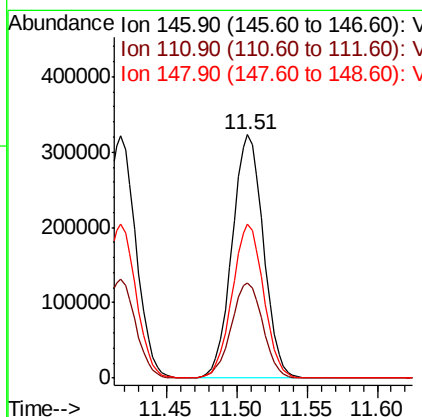
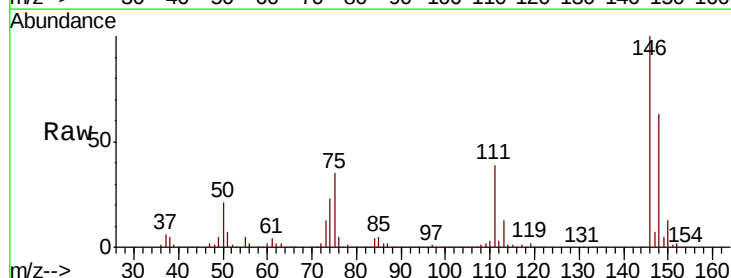
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

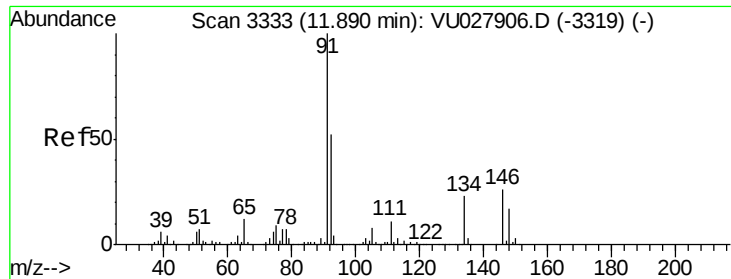
Tgt Ion:146 Resp: 496181
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 100.925 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion:146 Resp: 502142
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.9
 148 63.2 32.0 96.2





#89

n-Butylbenzene

Concen: 114.871 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

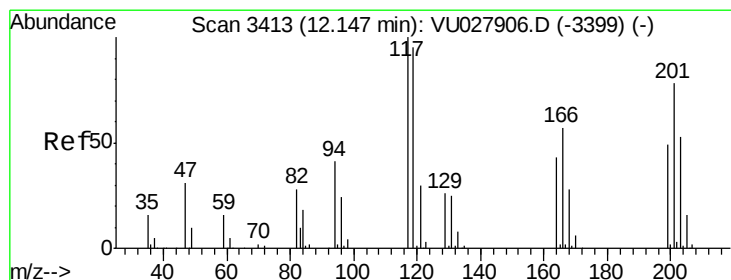
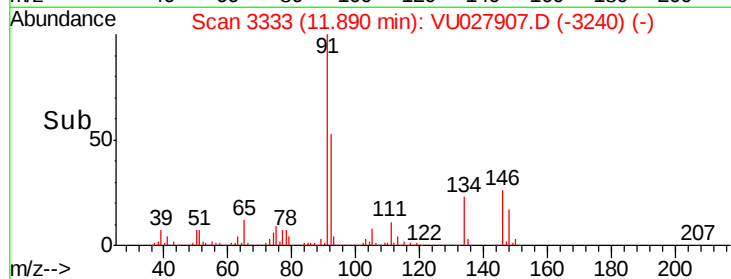
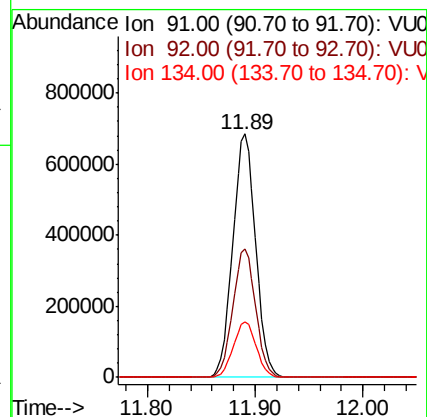
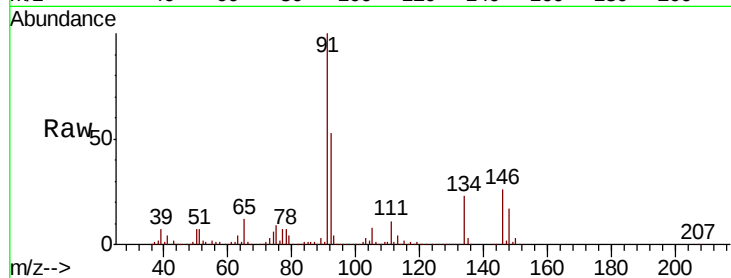
Tgt Ion: 91 Resp: 1010678

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

134 22.7 11.5 34.5



#90

Hexachloroethane

Concen: 103.950 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027907.D

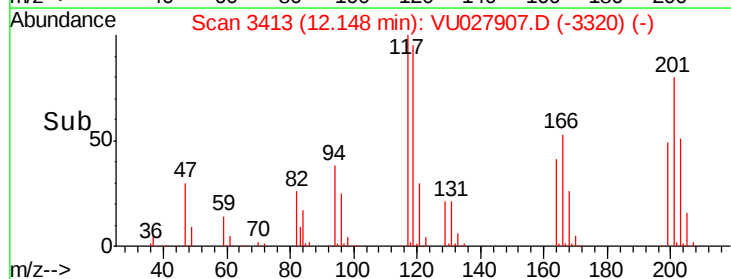
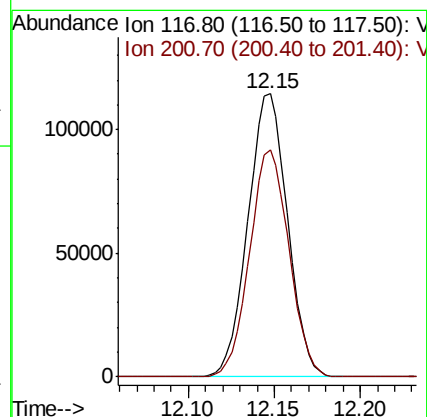
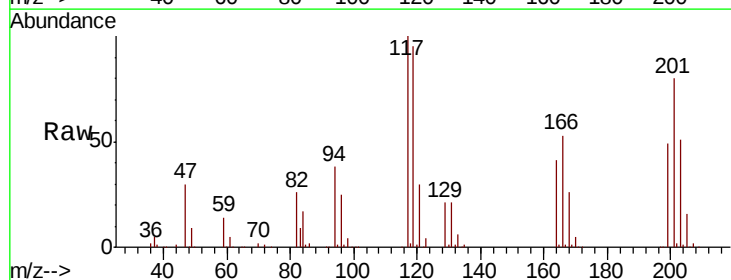
Acq: 01 Nov 2018 19:59

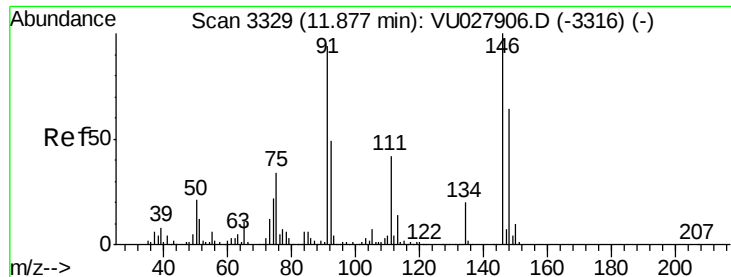
Tgt Ion: 117 Resp: 183155

Ion Ratio Lower Upper

117 100

201 79.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 104.776 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

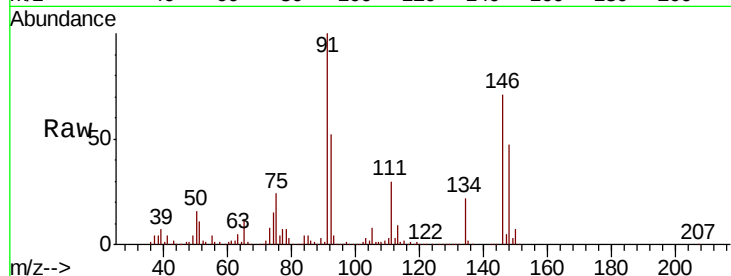
Tgt Ion:146 Resp: 499579

Ion Ratio Lower Upper

146 100

111 42.4 21.3 64.0

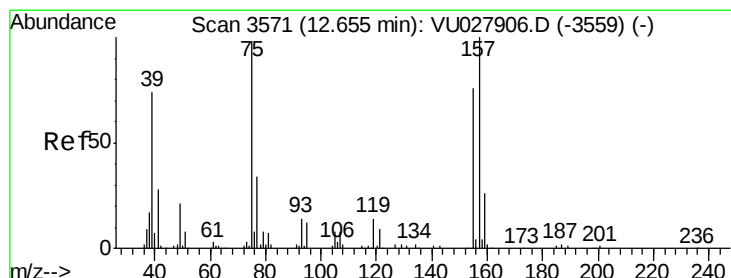
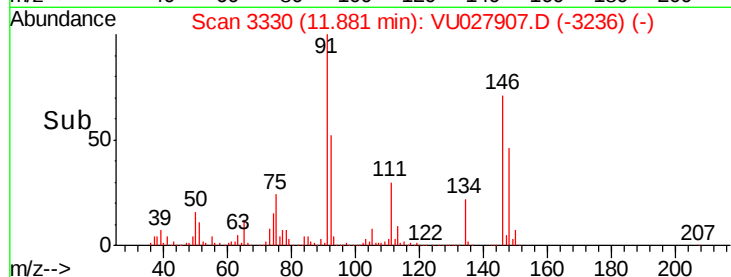
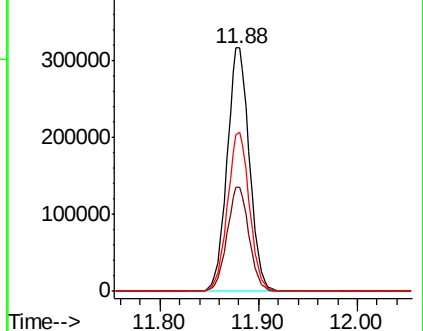
148 64.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 108.074 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

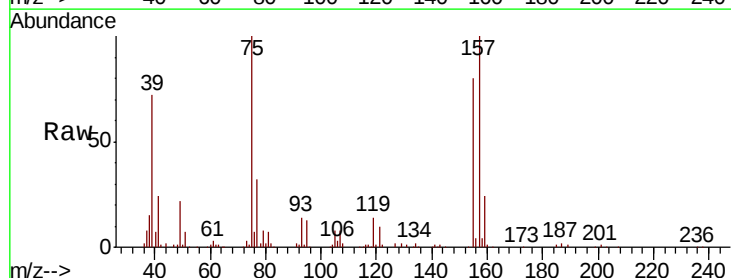
Tgt Ion: 75 Resp: 104515

Ion Ratio Lower Upper

75 100

155 79.2 39.8 119.3

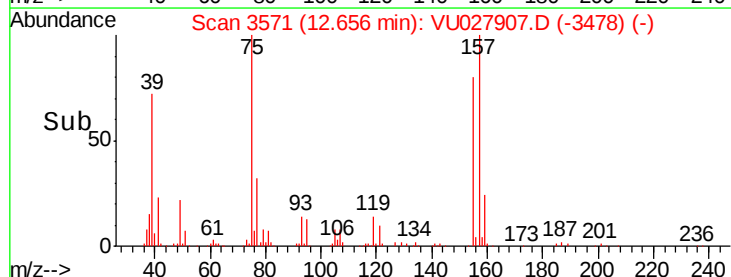
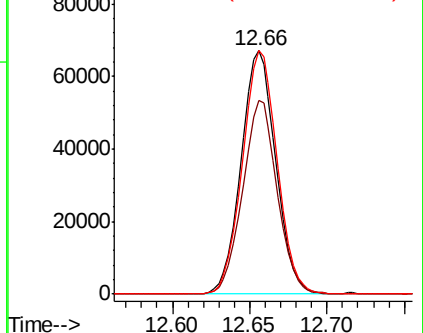
157 100.5 50.6 151.9

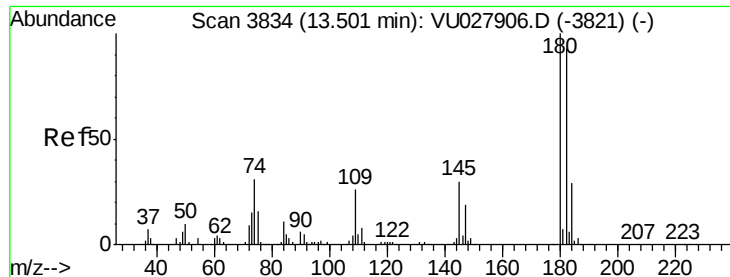


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

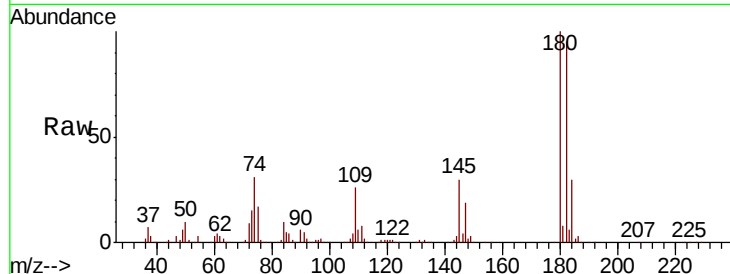




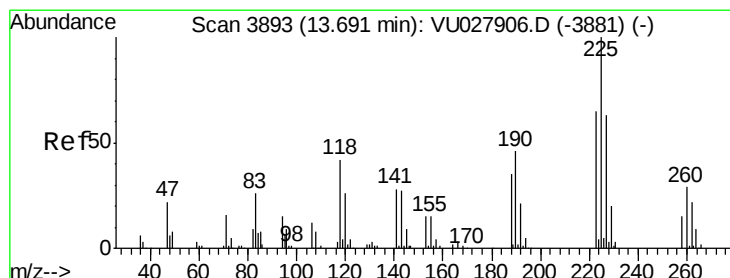
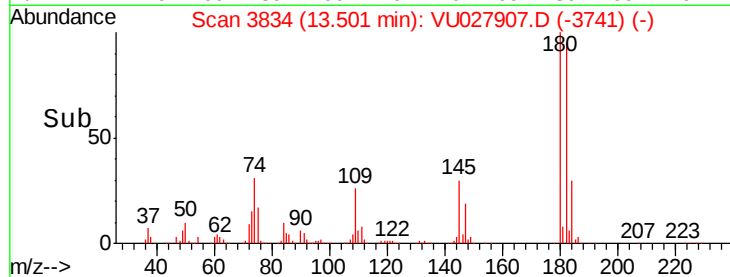
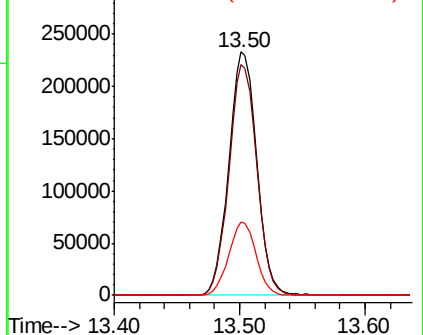
#93
 1,2,4-Trichlorobenzene
 Concen: 116.157 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 358807
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.4 145.2
 145 29.7 14.9 44.5

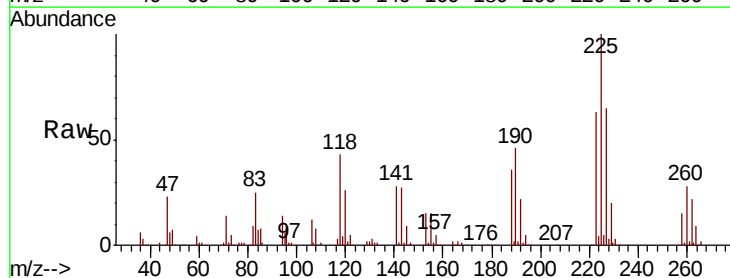


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

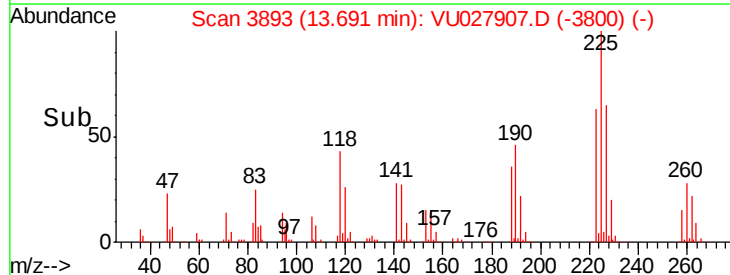
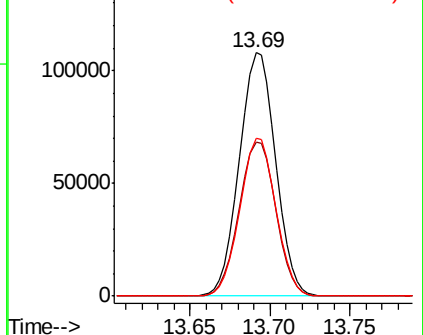


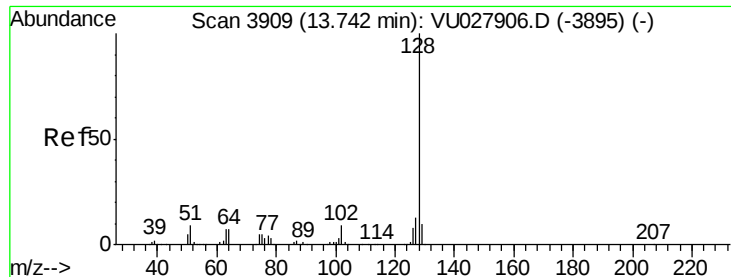
#94
 Hexachlorobutadiene
 Concen: 107.498 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU027907.D
 Acq: 01 Nov 2018 19:59

Tgt Ion:225 Resp: 166788
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.2 96.6
 227 64.0 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 119.572 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

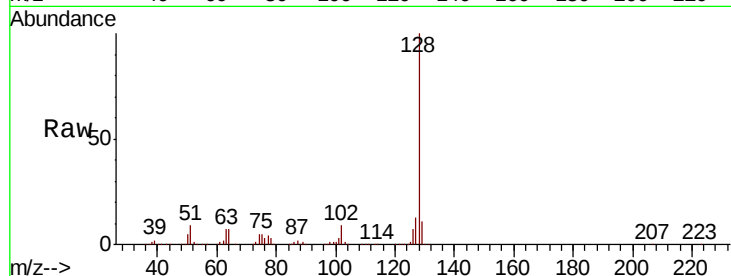
Tgt Ion:128 Resp: 1258793

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

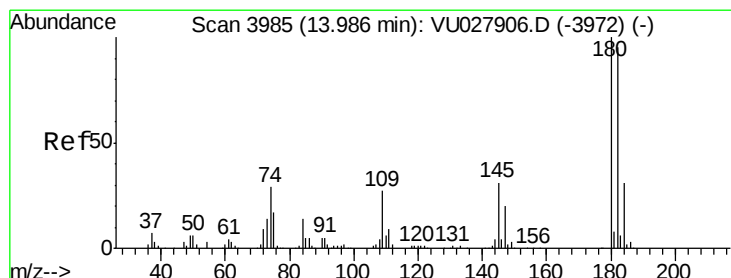
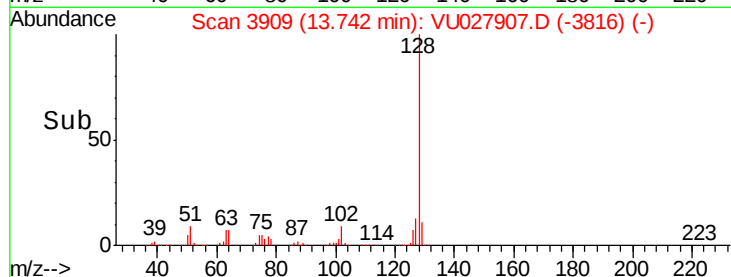
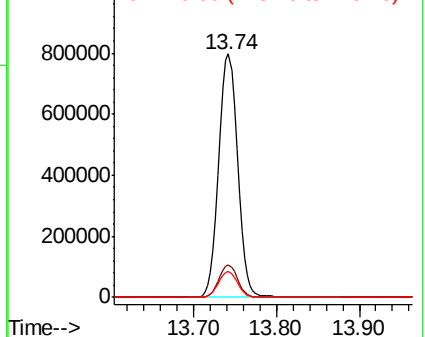
129 10.5 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 111.337 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027907.D

Acq: 01 Nov 2018 19:59

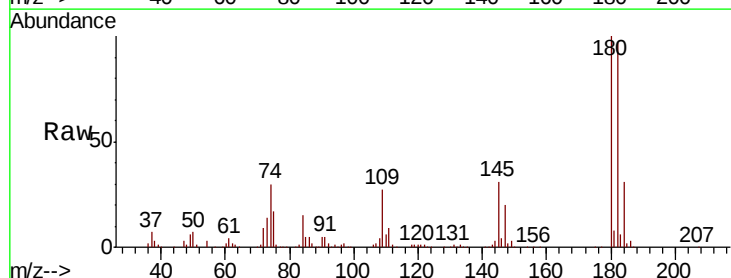
Tgt Ion:180 Resp: 359783

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.3

145 31.5 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

