

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
 Data File : VU027904.D
 Acq On : 01 Nov 2018 18:49
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 02 01:51:21 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	4.99	168	165277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	284382	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	116619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	13099	4.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.58%	
35) Dibromofluoromethane	4.89	113	9371	4.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.70%	
50) Toluene-d8	7.57	98	36352	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
62) 4-Bromofluorobenzene	10.31	95	11930	4.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	8410	3.607	ug/l 92
3) Chloromethane	1.33	50	12038	3.867	ug/l 100
4) Vinyl Chloride	1.40	62	12128	4.115	ug/l 100
5) Bromomethane	1.61	94	4938	3.888	ug/l 94
6) Chloroethane	1.69	64	7371	4.148	ug/l 98
7) Trichlorofluoromethane	1.88	101	14293	4.666	ug/l 97
8) Diethyl Ether	2.10	74	5980	4.295	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.28	101	8659	4.853	ug/l 98
10) Methyl Iodide	2.41	142	2489	1.895	ug/l 97
11) Tert butyl alcohol	2.84	59	16612	27.602	ug/l 97
12) 1,1-Dichloroethene	2.28	96	8304	4.762	ug/l 97
13) Acrolein	2.20	56	8678	19.785	ug/l 97
14) Allyl chloride	2.59	41	19889	4.806	ug/l 99
15) Acrylonitrile	2.94	53	40653	26.416	ug/l 99
16) Acetone	2.32	43	40626	25.253	ug/l 100
17) Carbon Disulfide	2.48	76	27070	4.344	ug/l 98
18) Methyl Acetate	2.62	43	21387	5.612	ug/l 98
19) Methyl tert-butyl Ether	3.00	73	34790	4.960	ug/l 96
20) Methylene Chloride	2.70	84	11716	5.143	ug/l 99
21) trans-1,2-Dichloroethene	2.98	96	10074	5.105	ug/l 97
22) Diisopropyl ether	3.58	45	44295	5.216	ug/l 90
23) Vinyl Acetate	3.53	43	182801	24.661	ug/l 99
24) 1,1-Dichloroethane	3.45	63	22206	5.126	ug/l 98
25) 2-Butanone	4.27	43	61962	27.346	ug/l 100
26) 2,2-Dichloropropane	4.23	77	16565	4.724	ug/l 97
27) cis-1,2-Dichloroethene	4.23	96	11290	4.986	ug/l 97
28) Bromochloromethane	4.55	49	11511	5.596	ug/l # 95
29) Tetrahydrofuran	4.65	42	40178	27.906	ug/l 98
30) Chloroform	4.67	83	20172	5.219	ug/l 97
31) Cyclohexane	4.99	56	24675	4.882	ug/l # 84
32) 1,1,1-Trichloroethane	4.92	97	16322	5.033	ug/l 96
36) 1,1-Dichloropropene	5.14	75	15477	5.044	ug/l 96
37) Ethyl Acetate	4.39	43	21156	5.201	ug/l # 95
38) Carbon Tetrachloride	5.13	117	13386	4.833	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
 Data File : VU027904.D
 Acq On : 01 Nov 2018 18:49
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC005

Quant Time: Nov 02 01:51:21 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)
39) Methylcyclohexane	6.42	83	17617	4.898	ug/l	95
40) Benzene	5.39	78	47868	5.283	ug/l	100
41) Methacrylonitrile	4.55	41	11940	5.207	ug/l	97
42) 1,2-Dichloroethane	5.41	62	16774	5.047	ug/l	96
43) Isopropyl Acetate	5.56	43	33565	5.330	ug/l	99
44) Trichloroethene	6.19	130	9890	4.938	ug/l	93
45) 1,2-Dichloropropane	6.43	63	13571	5.214	ug/l	100
46) Dibromomethane	6.57	93	7838	5.329	ug/l	96
47) Bromodichloromethane	6.76	83	14615	4.827	ug/l	97
48) Methyl methacrylate	6.63	41	16666	5.317	ug/l	98
49) 1,4-Dioxane	6.62	88	5807	108.637	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	114535	27.818	ug/l	99
52) Toluene	7.64	92	26941	5.051	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	14756	4.164	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	16849	4.419	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	11271	5.329	ug/l	96
56) Ethyl methacrylate	8.02	69	18915	5.327	ug/l	99
57) 1,3-Dichloropropane	8.24	76	20596	5.035	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	49898	25.668	ug/l	100
59) 2-Hexanone	8.36	43	88682	27.708	ug/l	100
60) Dibromochloromethane	8.48	129	9746	4.587	ug/l	100
61) 1,2-Dibromoethane	8.59	107	11550	5.085	ug/l	97
64) Tetrachloroethene	8.23	164	8702	5.443	ug/l	98
65) Chlorobenzene	9.12	112	27751	5.118	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	9535	5.105	ug/l	97
67) Ethyl Benzene	9.25	91	50818	5.281	ug/l	98
68) m/p-Xylenes	9.38	106	35591	10.143	ug/l	97
69) o-Xylene	9.78	106	18507	5.525	ug/l	99
70) Styrene	9.79	104	28408	5.161	ug/l	98
71) Bromoform	9.96	173	6995	4.607	ug/l #	97
73) Isopropylbenzene	10.17	105	47831	5.641	ug/l	99
74) N-amyl acetate	10.02	43	28044	5.663	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	19937	5.898	ug/l	96
76) 1,2,3-Trichloropropane	10.49	75	22322	7.383	ug/l	80
77) Bromobenzene	10.46	156	11462	5.758	ug/l	97
78) n-propylbenzene	10.59	91	55854	5.476	ug/l	98
79) 2-Chlorotoluene	10.66	91	36300	5.894	ug/l	95
80) 1,3,5-Trimethylbenzene	10.77	105	39630	5.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	22322	19.077	ug/l #	100
82) 4-Chlorotoluene	10.77	91	38814	5.569	ug/l	100
83) tert-Butylbenzene	11.10	119	39856	5.935	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	37981	5.372	ug/l	100
85) sec-Butylbenzene	11.32	105	46370	5.487	ug/l	100
86) p-Isopropyltoluene	11.48	119	38447	5.341	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	19838	5.301	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	20661	5.407	ug/l	96
89) n-Butylbenzene	11.89	91	35211	5.211	ug/l	99
90) Hexachloroethane	12.15	117	6396	4.726	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	20421	5.576	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	4191	5.643	ug/l	85

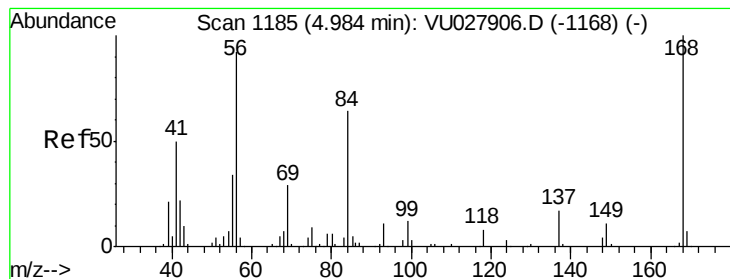
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
Data File : VU027904.D
Acq On : 01 Nov 2018 18:49
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Nov 02 01:51:21 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)
93) 1,2,4-Trichlorobenzene	13.50	180	11351	4.784	ug/l	98
94) Hexachlorobutadiene	13.69	225	6078	5.101	ug/l	98
95) Naphthalene	13.74	128	43320	5.358	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	12126	4.886	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

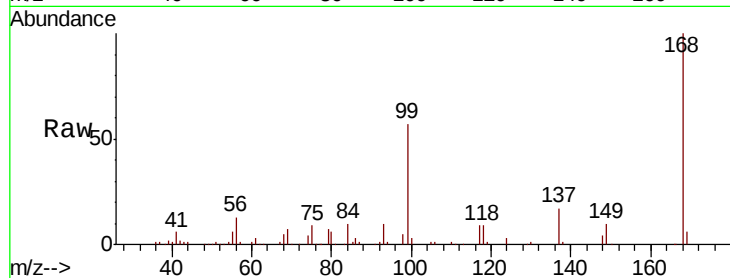
VSTDIC005

Tgt Ion:168 Resp: 165277

Ion Ratio Lower Upper

168 100

99 56.5 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027904.D (-1092) (-)

4.99

80000

60000

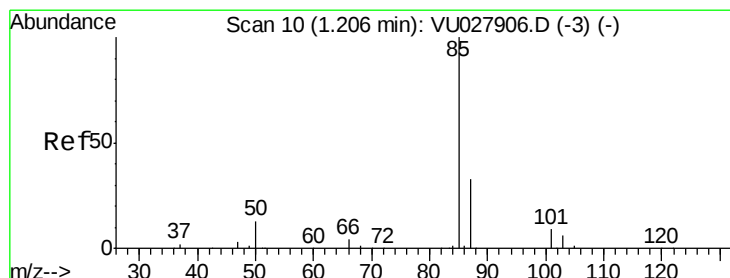
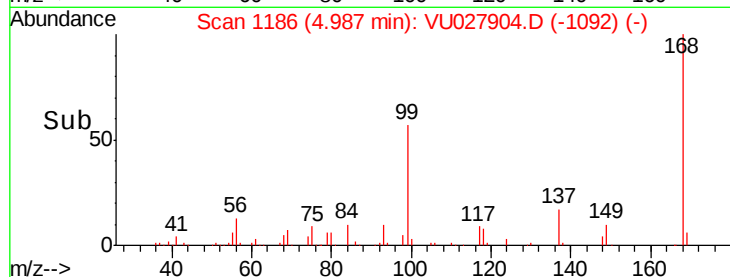
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 3.607 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027904.D

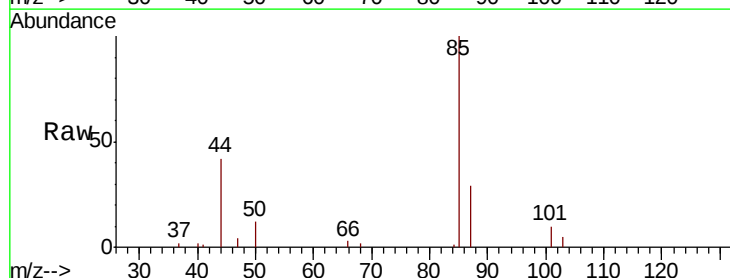
Acq: 01 Nov 2018 18:49

Tgt Ion: 85 Resp: 8410

Ion Ratio Lower Upper

85 100

87 28.8 16.5 49.5



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

Ion 86.90 (86.60 to 87.60): VU027904.D (-1) (-)

1.21

10000

8000

6000

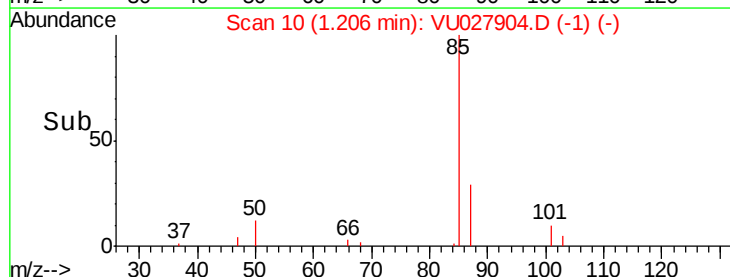
4000

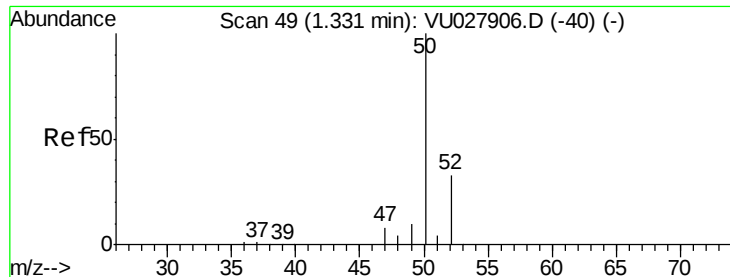
2000

0

1.20 1.25

Time-->





#3

Chloromethane

Concen: 3.867 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

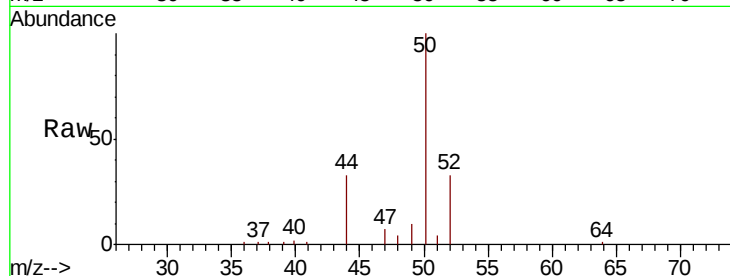
VSTDIC005

Tgt Ion: 50 Resp: 12038

Ion Ratio Lower Upper

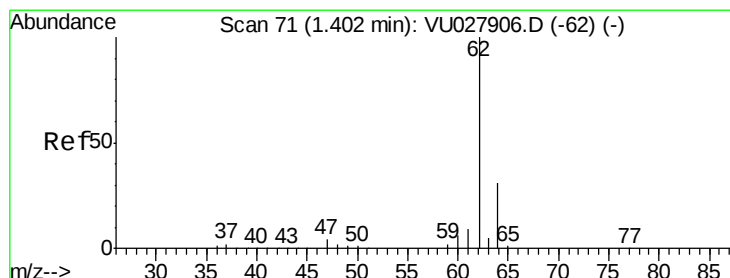
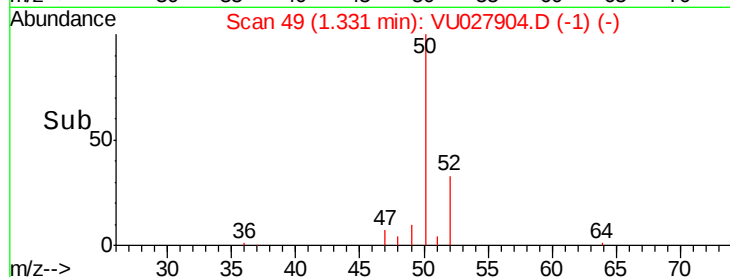
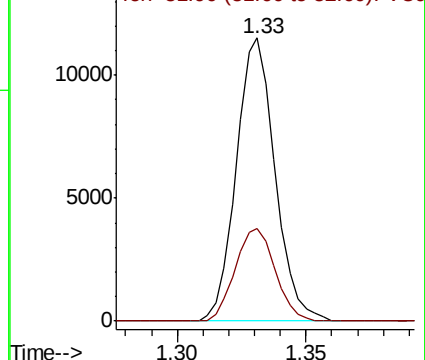
50 100

52 32.9 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: 4.115 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027904.D

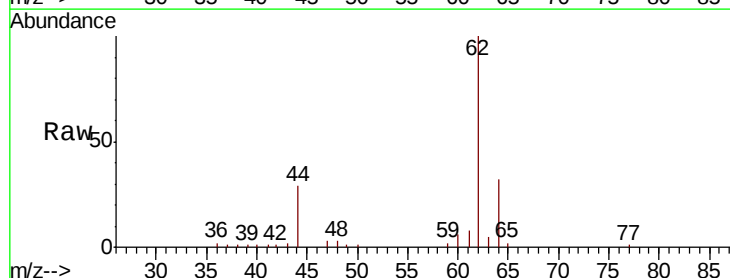
Acq: 01 Nov 2018 18:49

Tgt Ion: 62 Resp: 12128

Ion Ratio Lower Upper

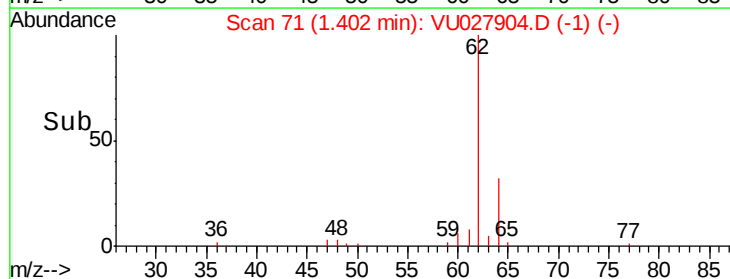
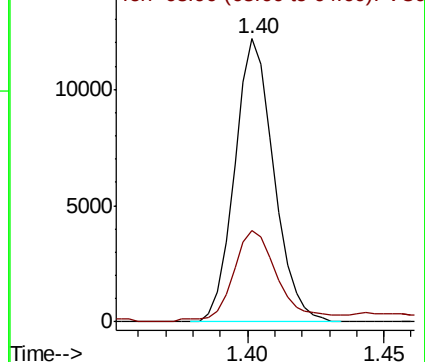
62 100

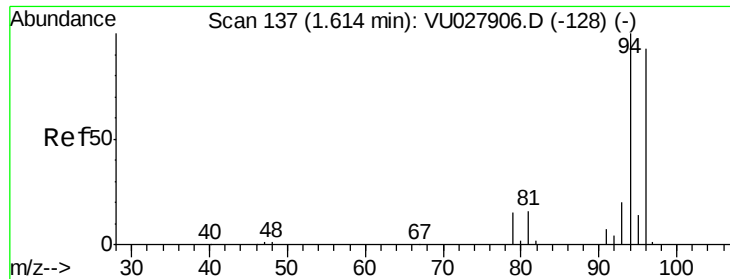
64 31.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

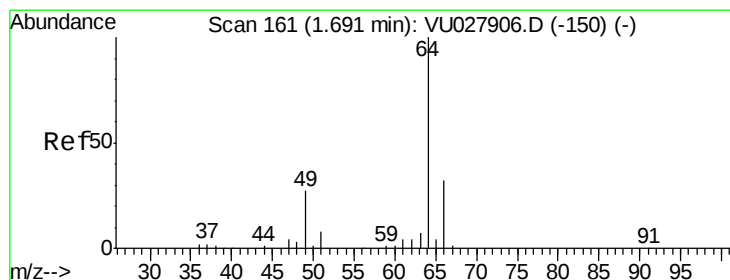
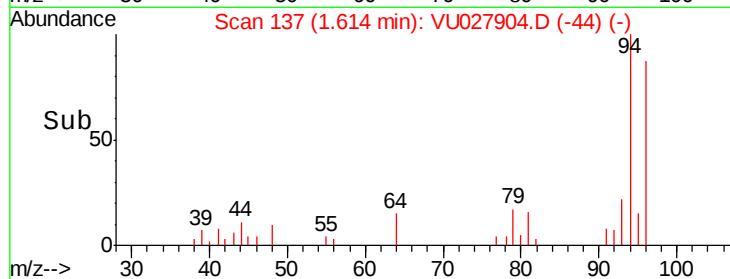
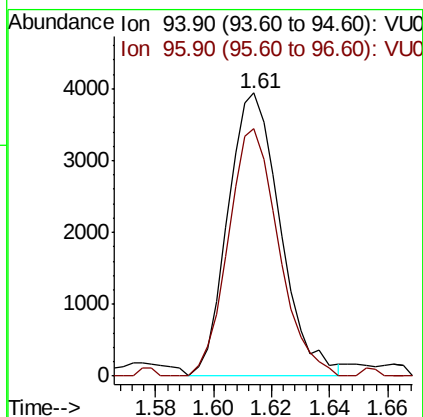
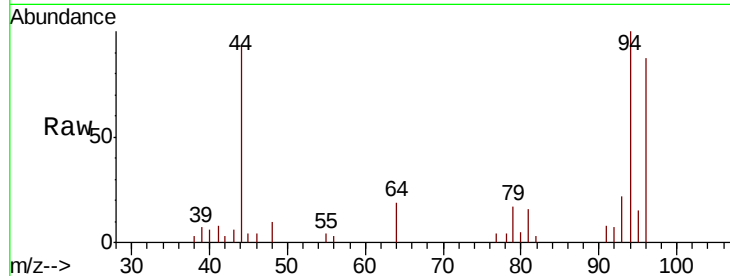




#5
 Bromomethane
 Concen: 3.888 ug/l
 RT: 1.61 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

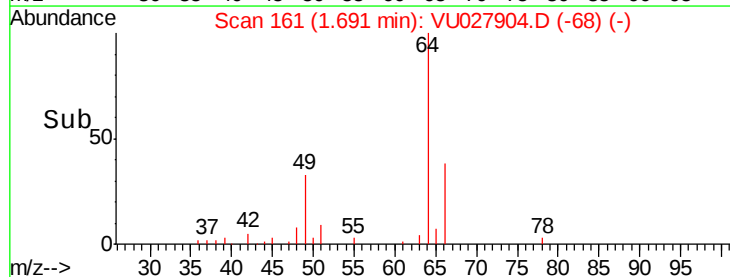
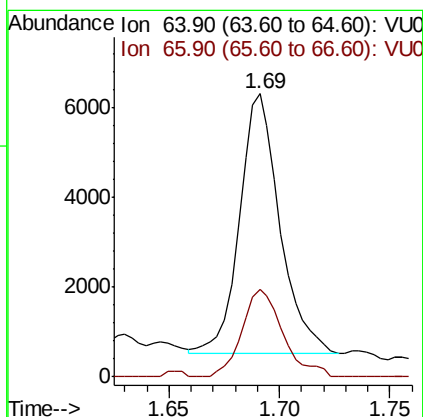
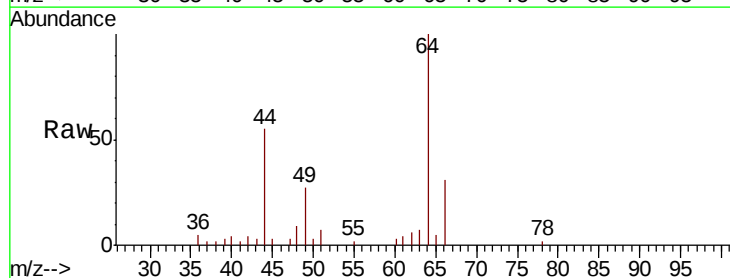
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

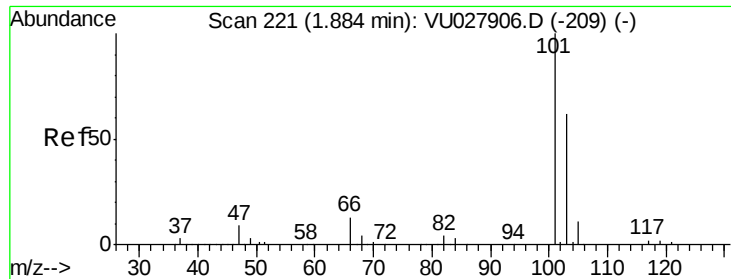
Tgt Ion: 94 Resp: 4938
 Ion Ratio Lower Upper
 94 100
 96 87.4 74.8 112.2



#6
 Chloroethane
 Concen: 4.148 ug/l
 RT: 1.69 min Scan# 161
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 64 Resp: 7371
 Ion Ratio Lower Upper
 64 100
 66 33.6 25.9 38.9





#7

Trichlorofluoromethane

Concen: 4.666 ug/l

RT: 1.88 min Scan# 220

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

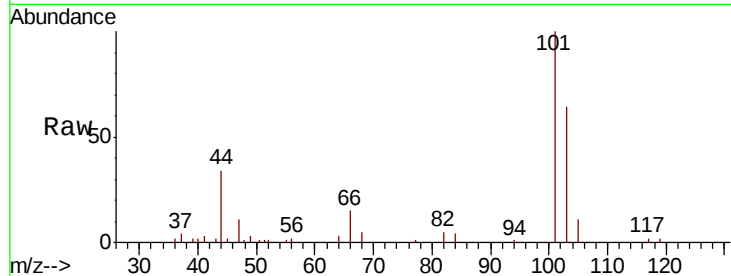
VSTDIC005

Tgt Ion:101 Resp: 14293

Ion Ratio Lower Upper

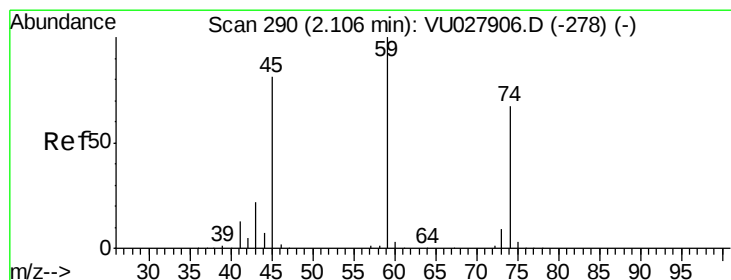
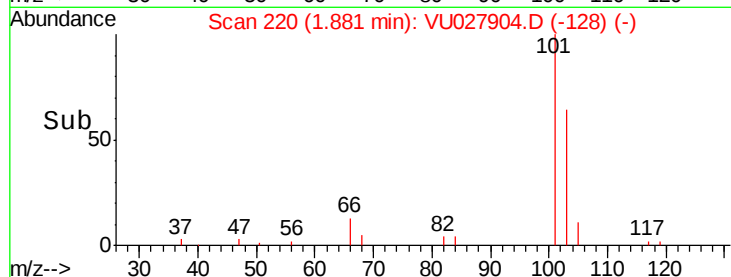
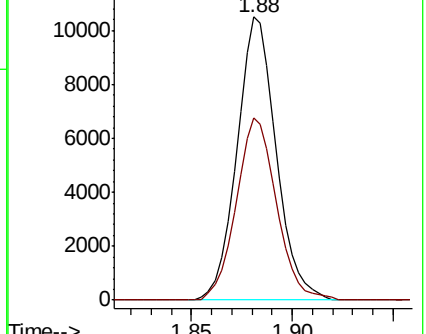
101 100

103 64.2 49.4 74.2



Abundance Ion 100.90 (100.60 to 101.60): V

12000 Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.295 ug/l

RT: 2.10 min Scan# 289

Delta R.T. -0.00 min

Lab File: VU027904.D

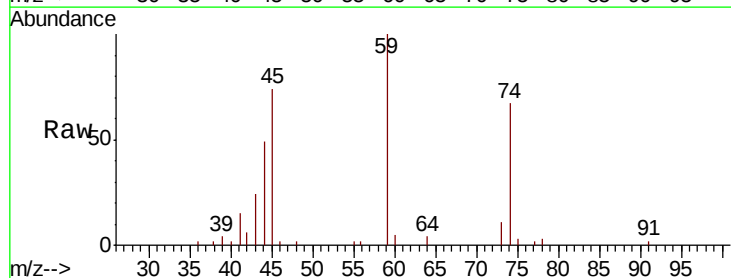
Acq: 01 Nov 2018 18:49

Tgt Ion: 74 Resp: 5980

Ion Ratio Lower Upper

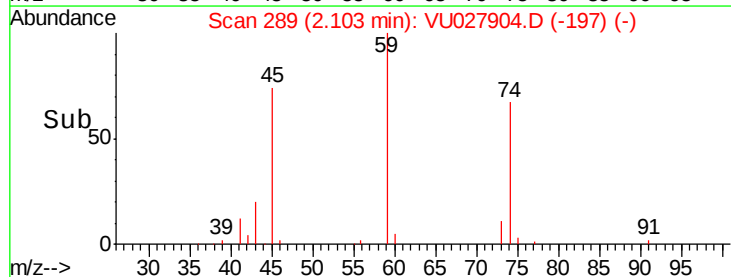
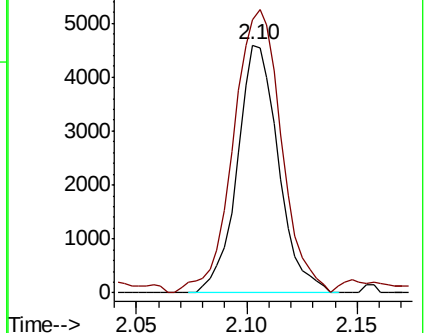
74 100

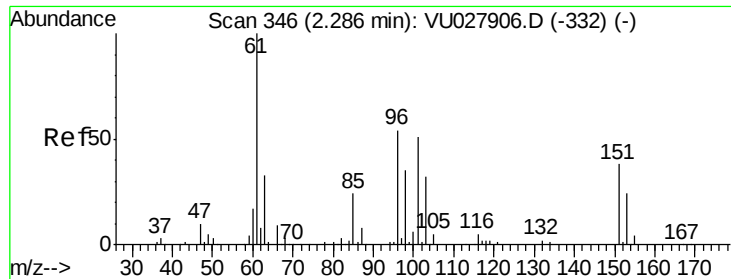
45 132.8 60.5 181.5



Abundance Ion 74.00 (73.70 to 74.70): VU0

6000 Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.853 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

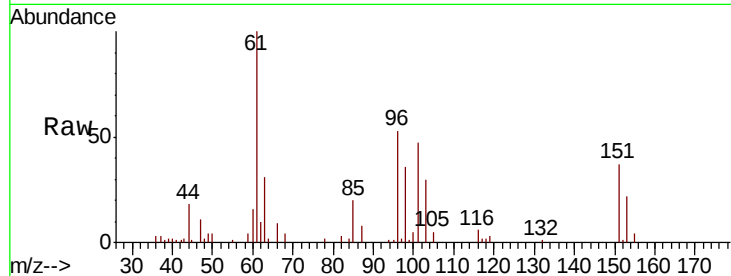
Tgt Ion:101 Resp: 8659

Ion Ratio Lower Upper

101 100

85 46.4 36.9 55.3

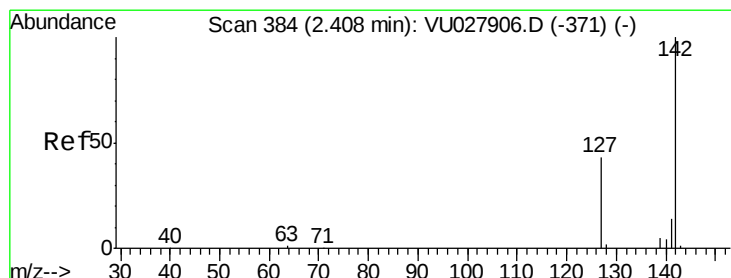
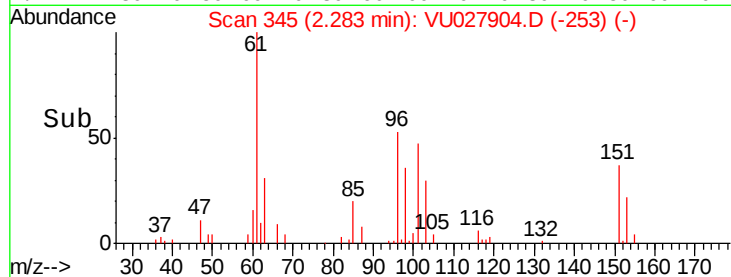
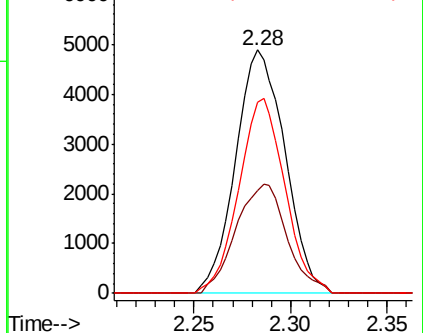
151 74.9 58.0 87.0



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: 1.895 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

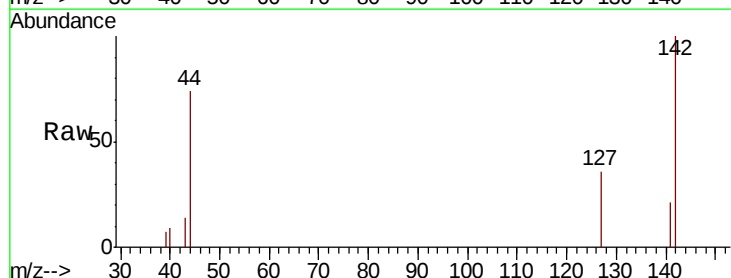
Tgt Ion:142 Resp: 2489

Ion Ratio Lower Upper

142 100

127 41.2 35.2 52.8

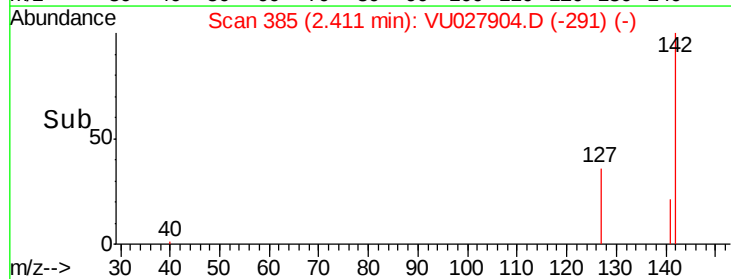
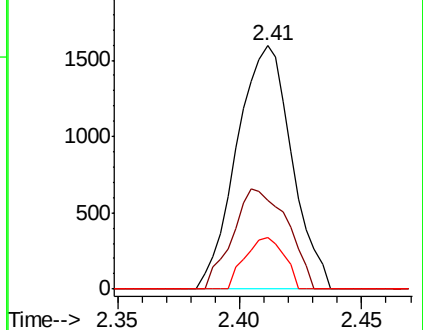
141 15.0 11.8 17.8

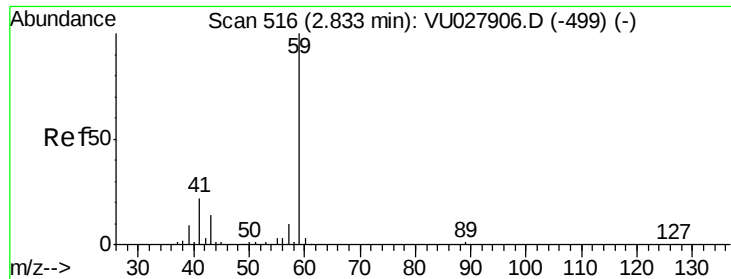


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

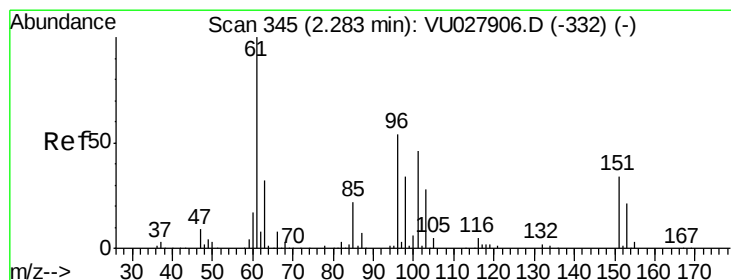
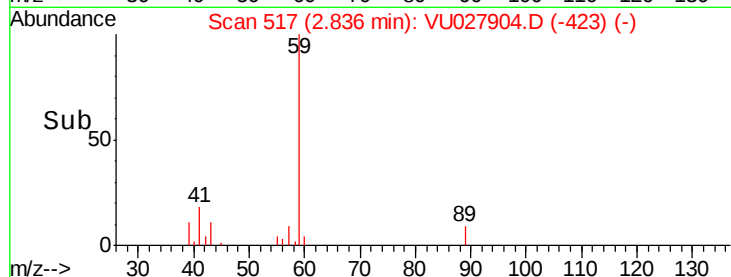
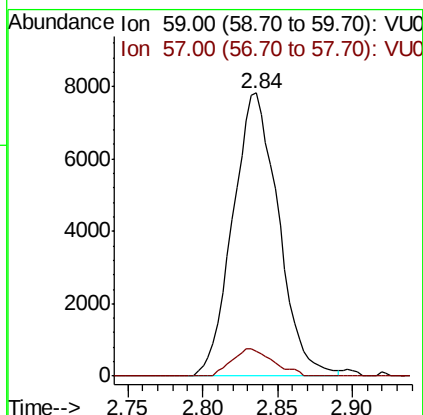
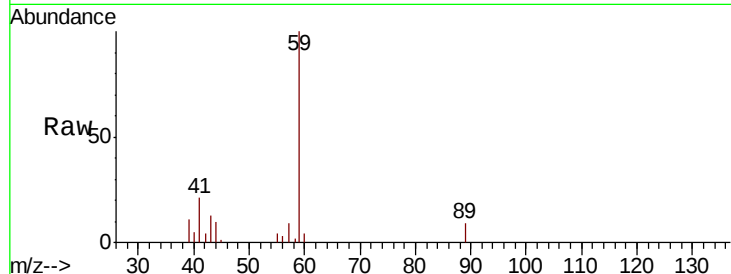




#11
Tert butyl alcohol
Concen: 27.602 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

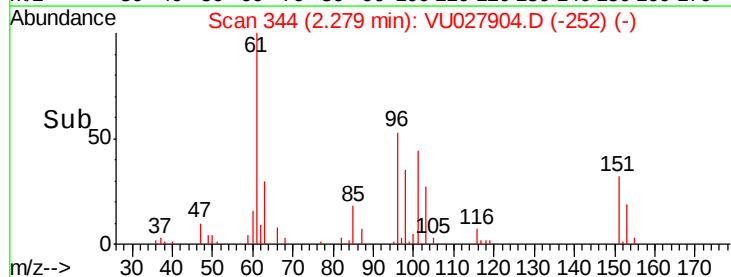
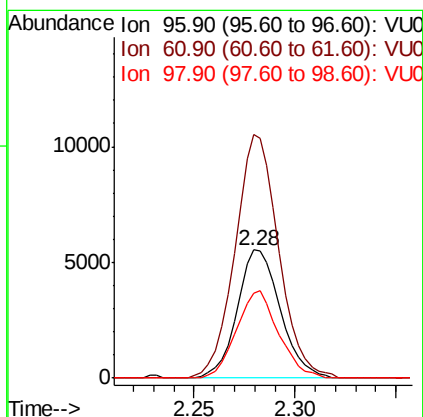
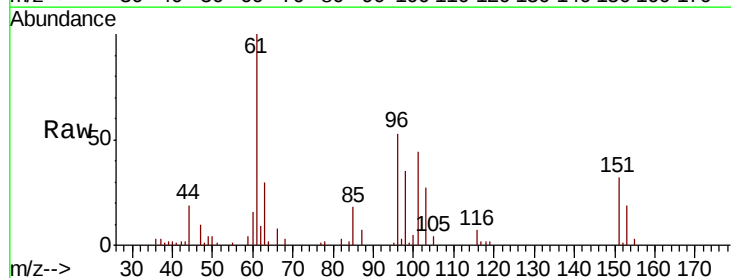
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

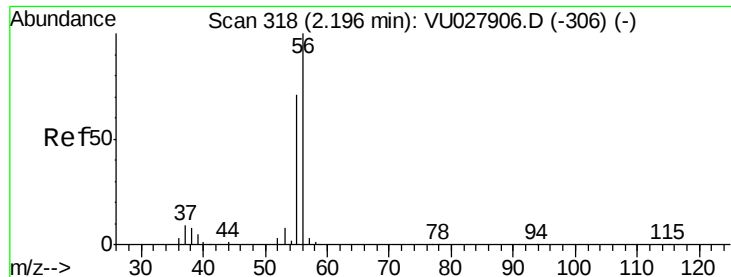
Tgt Ion: 59 Resp: 16612
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 4.762 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion: 96 Resp: 8304
Ion Ratio Lower Upper
96 100
61 189.9 149.3 223.9
98 66.6 50.6 75.8





#13

Acrolein

Concen: 19.785 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

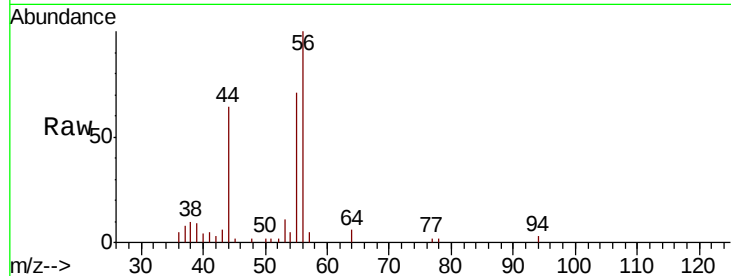
VSTDIC005

Tgt Ion: 56 Resp: 8678

Ion Ratio Lower Upper

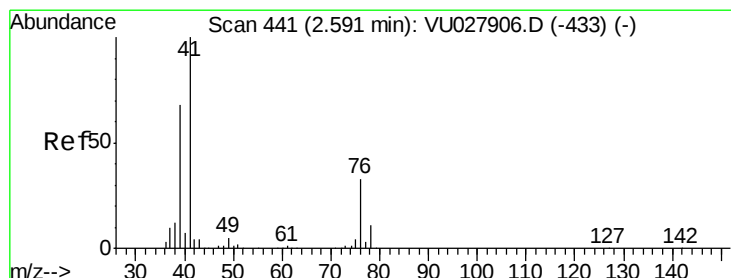
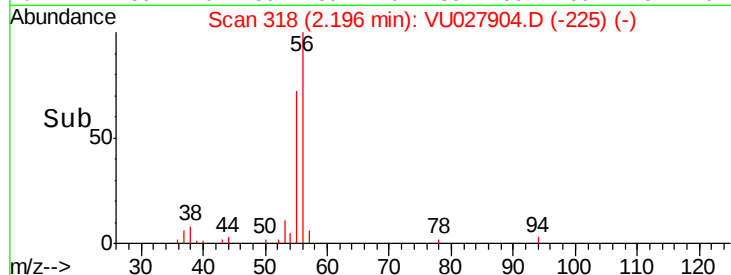
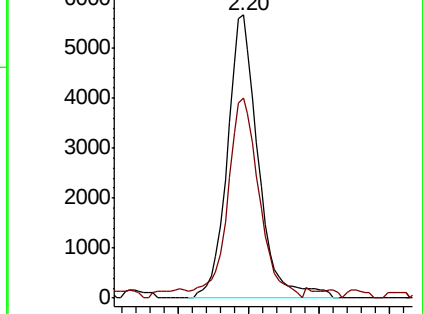
56 100

55 72.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU027904.D (-225) (-)

Ion 55.00 (54.70 to 55.70): VU027904.D (-225) (-)



#14

Allyl chloride

Concen: 4.806 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

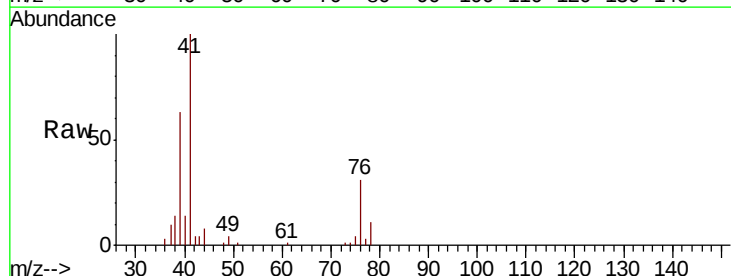
Tgt Ion: 41 Resp: 19889

Ion Ratio Lower Upper

41 100

39 66.0 51.9 77.9

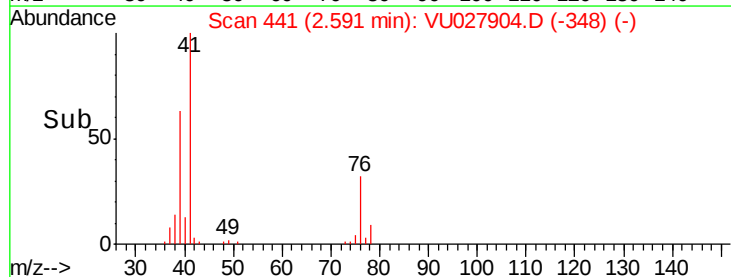
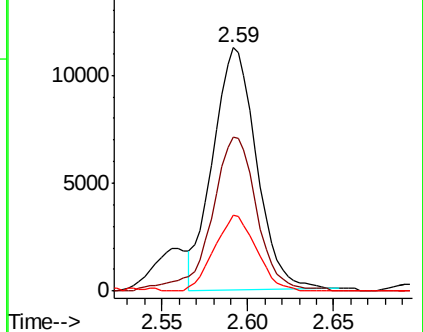
76 30.0 23.8 35.6

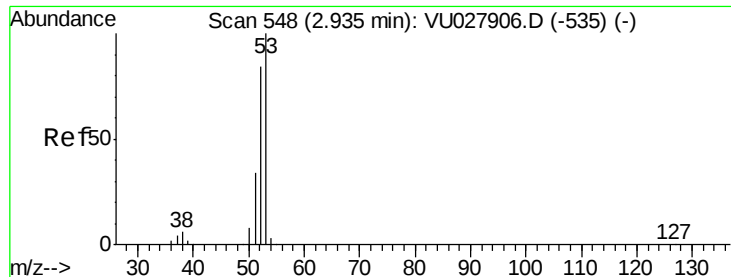


Abundance Ion 41.00 (40.70 to 41.70): VU027904.D (-348) (-)

Ion 39.00 (38.70 to 39.70): VU027904.D (-348) (-)

Ion 75.90 (75.60 to 76.60): VU027904.D (-348) (-)





#15

Acrylonitrile

Concen: 26.416 ug/l

RT: 2.94 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

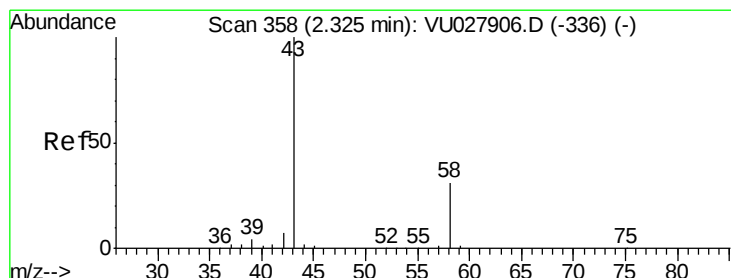
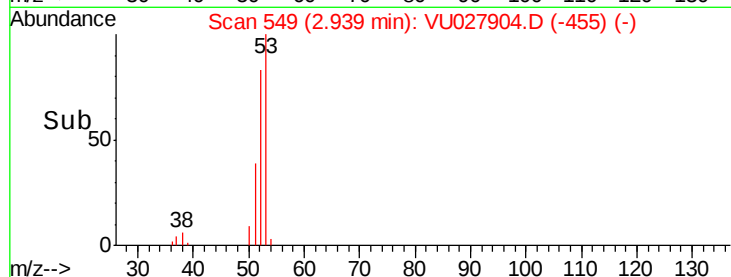
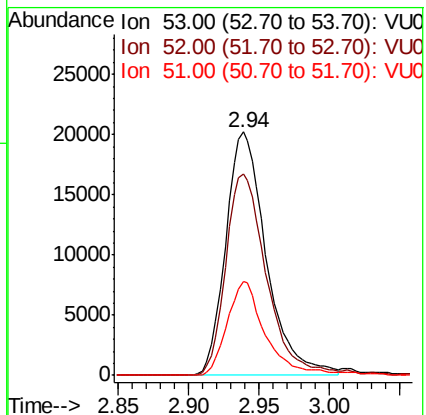
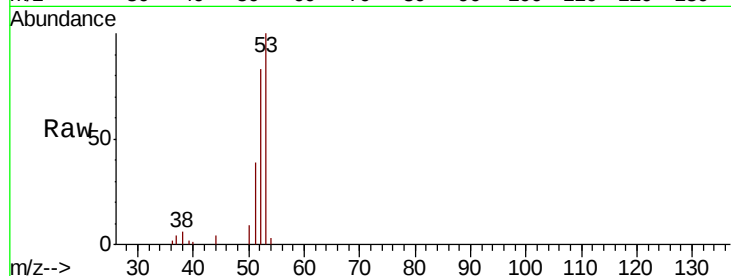
Tgt Ion: 53 Resp: 40653

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

51 36.0 27.0 40.4



#16

Acetone

Concen: 25.253 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027904.D

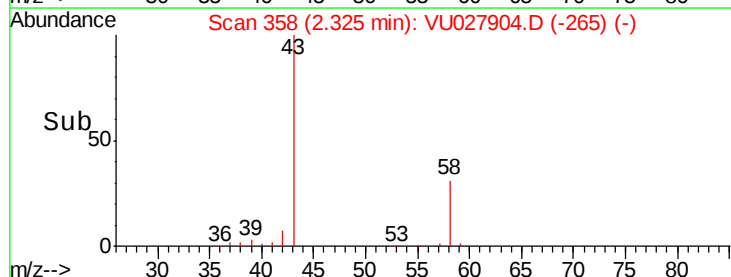
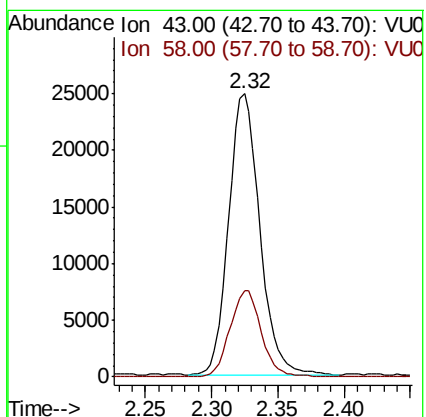
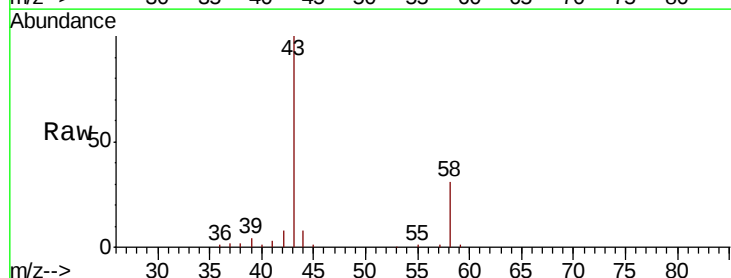
Acq: 01 Nov 2018 18:49

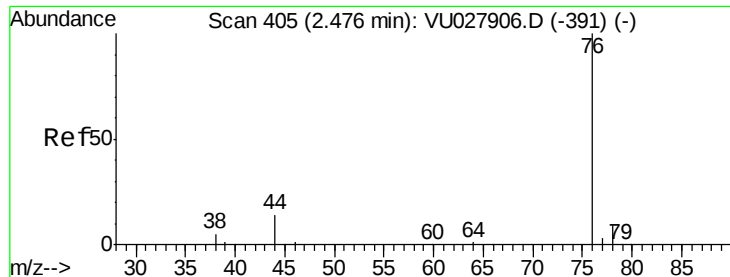
Tgt Ion: 43 Resp: 40626

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 4.344 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

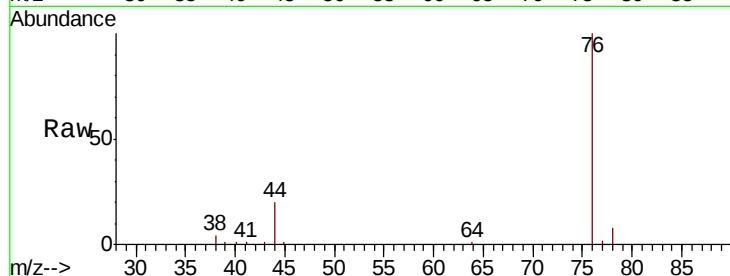
VSTDIC005

Tgt Ion: 76 Resp: 27070

Ion Ratio Lower Upper

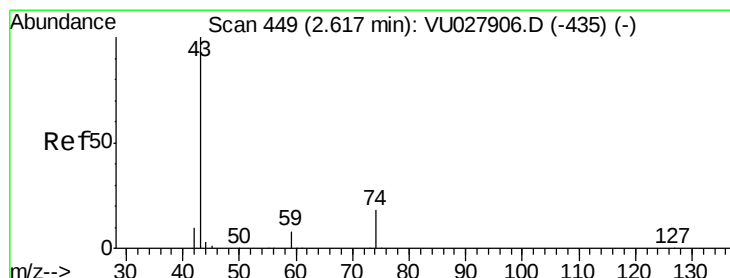
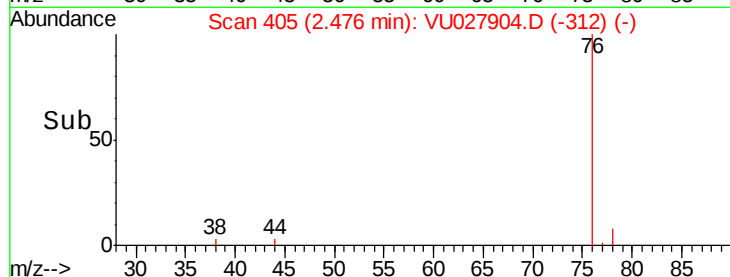
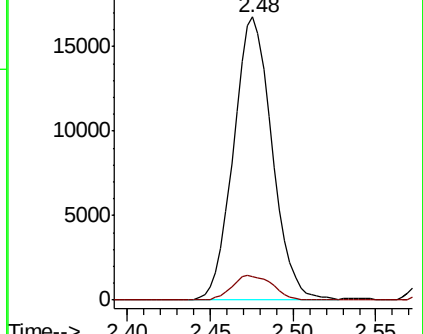
76 100

78 8.5 7.4 11.0



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

Ion 77.90 (77.60 to 78.60): VU027904.D (-312) (-)



#18

Methyl Acetate

Concen: 5.612 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027904.D

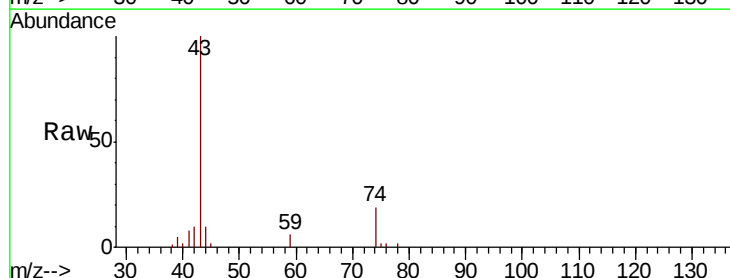
Acq: 01 Nov 2018 18:49

Tgt Ion: 43 Resp: 21387

Ion Ratio Lower Upper

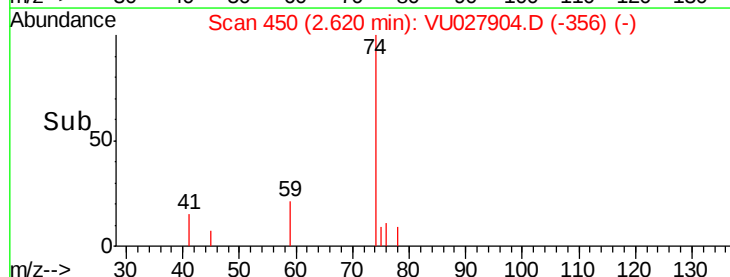
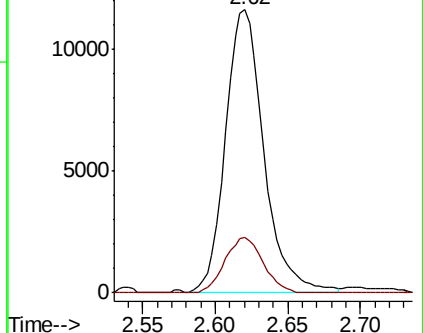
43 100

74 19.3 14.9 22.3



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

Ion 74.00 (73.70 to 74.70): VU027904.D (-356) (-)

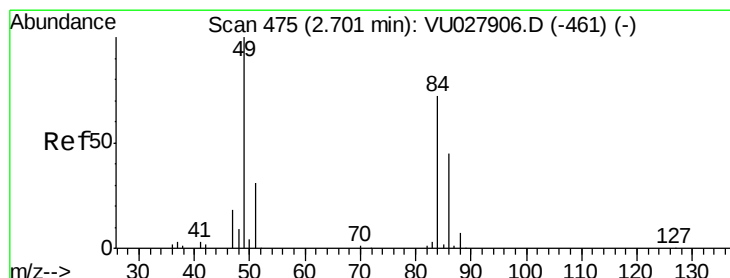
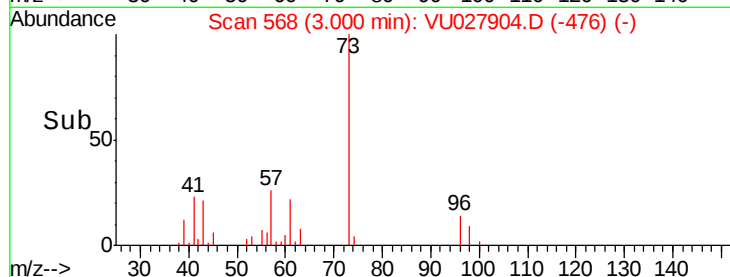
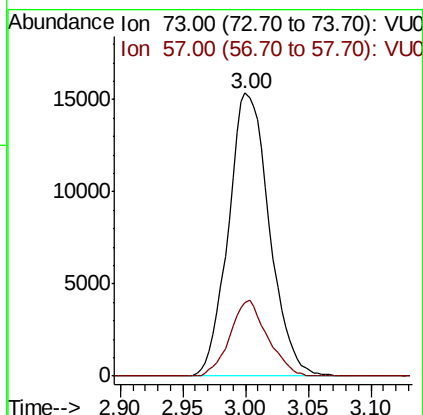
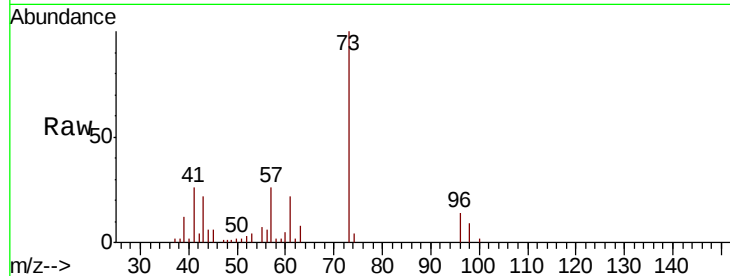




#19
Methyl tert-butyl Ether
Concen: 4.960 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

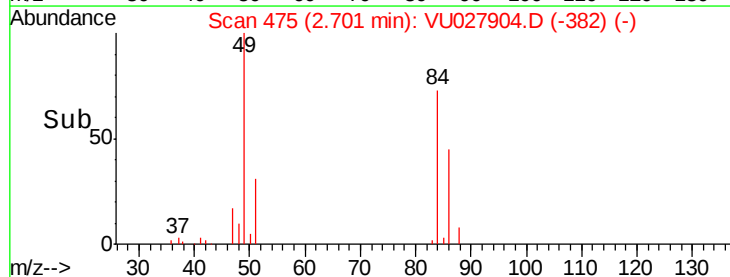
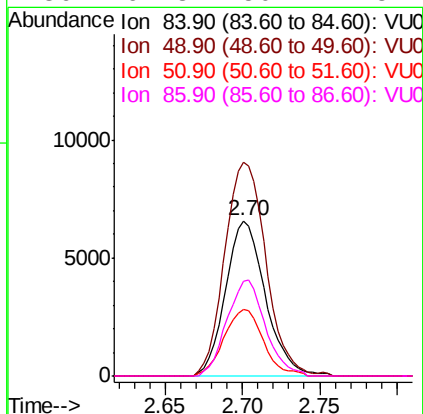
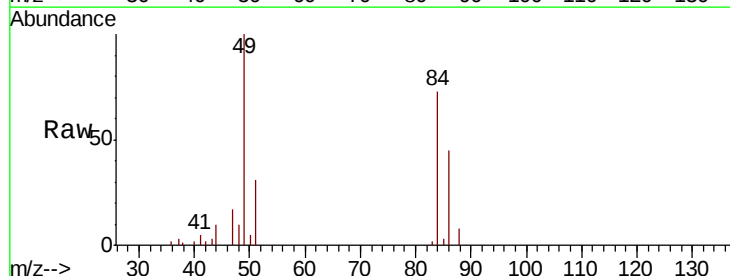
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

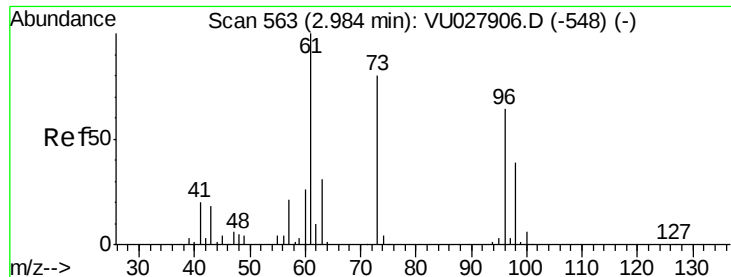
Tgt Ion: 73 Resp: 34790
Ion Ratio Lower Upper
73 100
57 26.2 19.3 28.9



#20
Methylene Chloride
Concen: 5.143 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion: 84 Resp: 11716
Ion Ratio Lower Upper
84 100
49 137.8 111.6 167.4
51 42.7 34.8 52.2
86 61.3 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 5.105 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

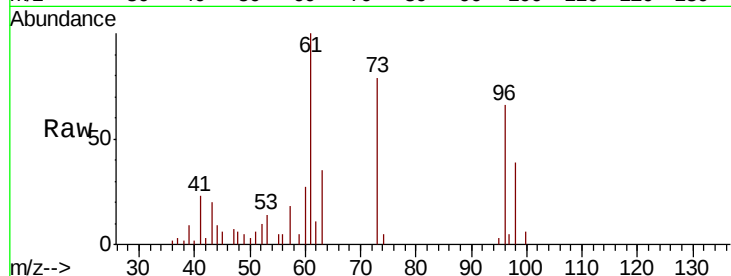
Tgt Ion: 96 Resp: 10074

Ion Ratio Lower Upper

96 100

61 152.6 125.0 187.6

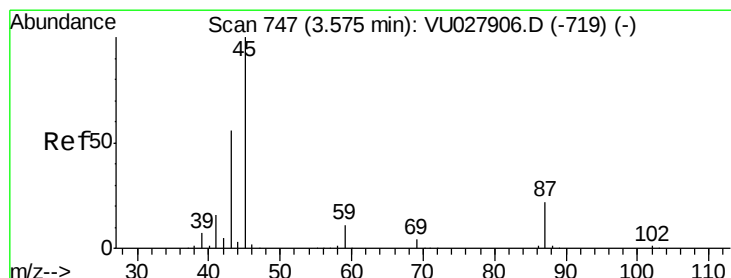
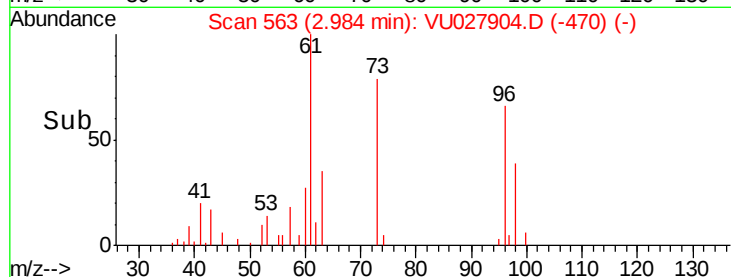
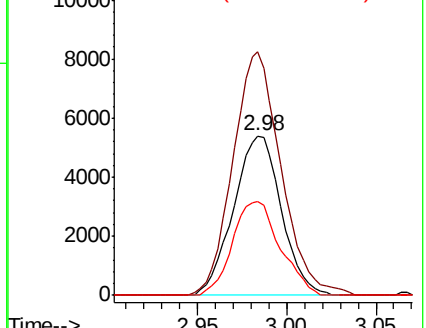
98 59.1 48.2 72.4



Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-548) (-)



#22

Diisopropyl ether

Concen: 5.216 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Tgt Ion: 45 Resp: 44295

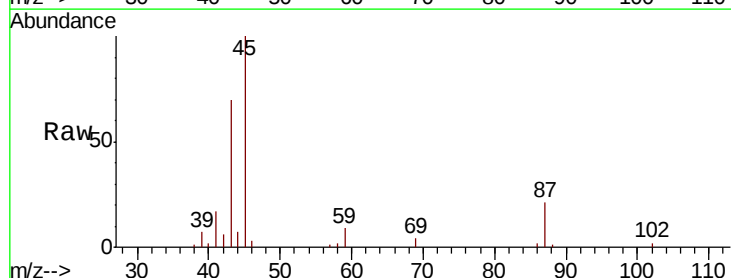
Ion Ratio Lower Upper

45 100

43 67.0 45.0 67.6

87 21.0 17.9 26.9

59 9.4 8.6 12.8

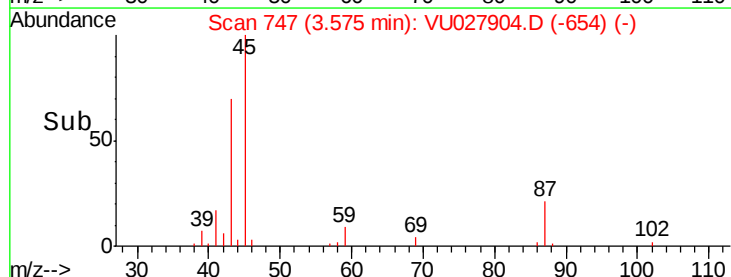
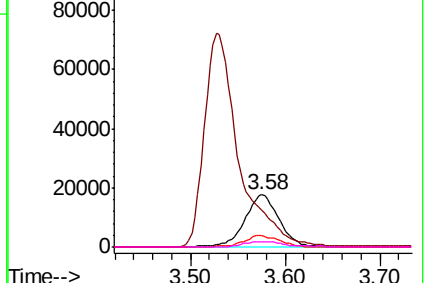


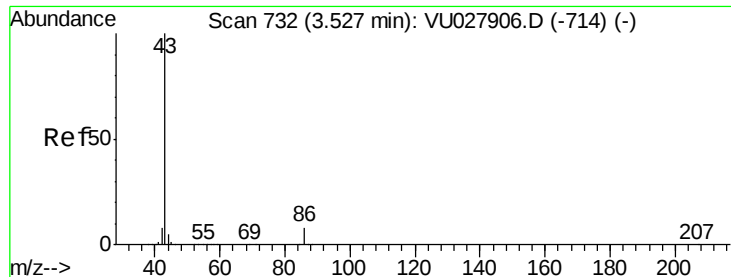
Abundance Ion 45.00 (44.70 to 45.70): VU027906.D (-719) (-)

Ion 43.00 (42.70 to 43.70): VU027906.D (-719) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-719) (-)

Ion 59.00 (58.70 to 59.70): VU027906.D (-719) (-)





#23

Vinyl Acetate

Concen: 24.661 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

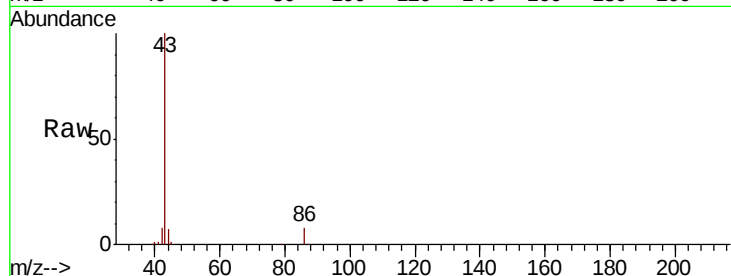
VSTDIC005

Tgt Ion: 43 Resp: 182801

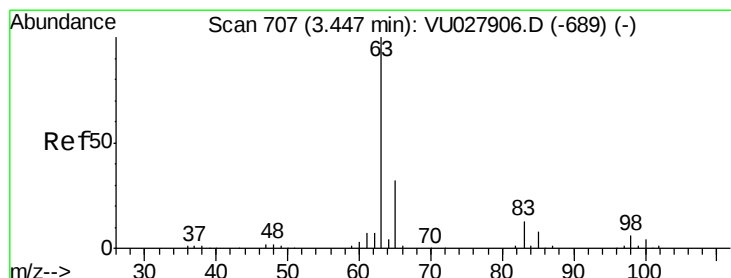
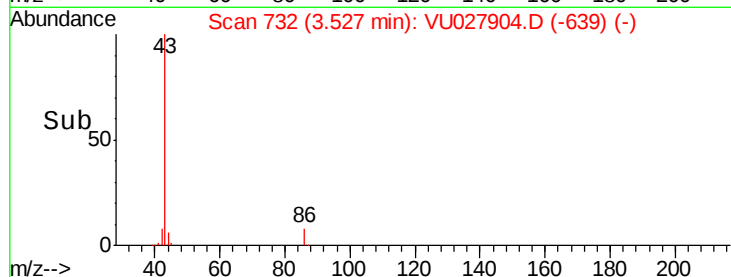
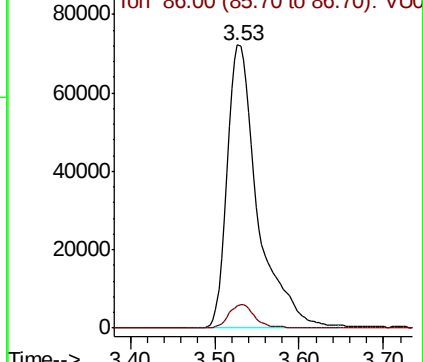
Ion Ratio Lower Upper

43 100

86 7.8 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU027904.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 5.126 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

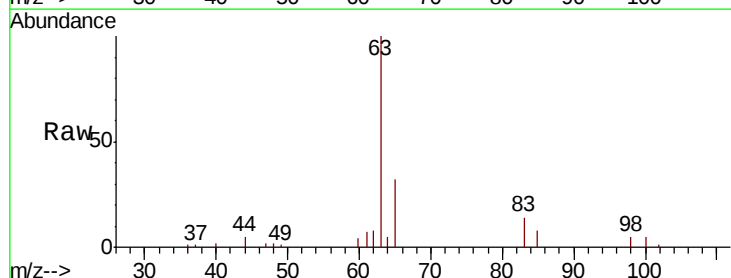
Tgt Ion: 63 Resp: 22206

Ion Ratio Lower Upper

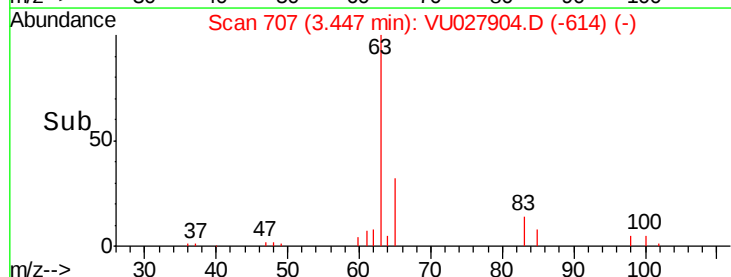
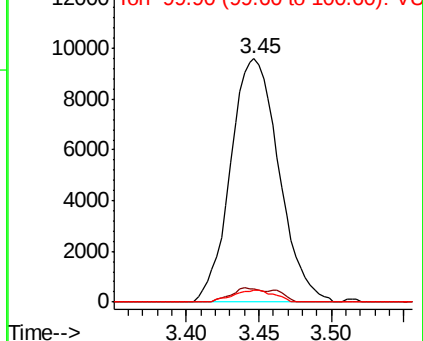
63 100

98 5.2 2.9 8.6

100 4.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU027904.D (-614) (-)





#25

2-Butanone

Concen: 27.346 ug/l

RT: 4.27 min Scan# 963

Delta R.T. 0.01 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

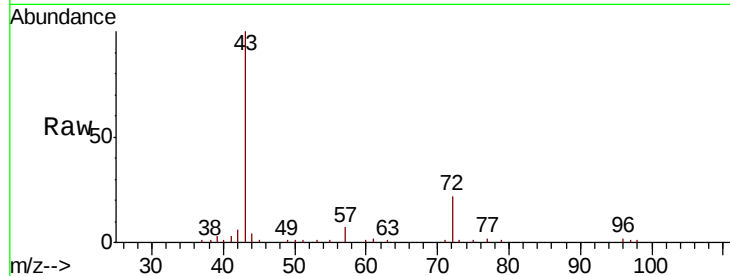
VSTDIC005

Tgt Ion: 43 Resp: 61962

Ion Ratio Lower Upper

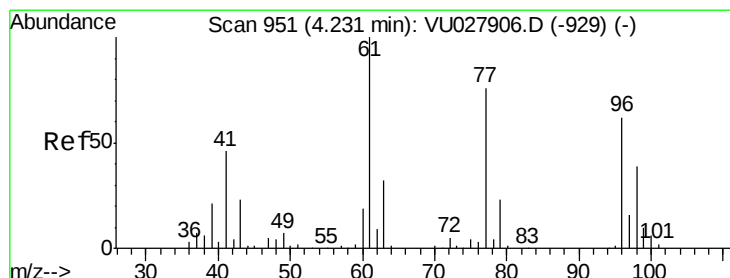
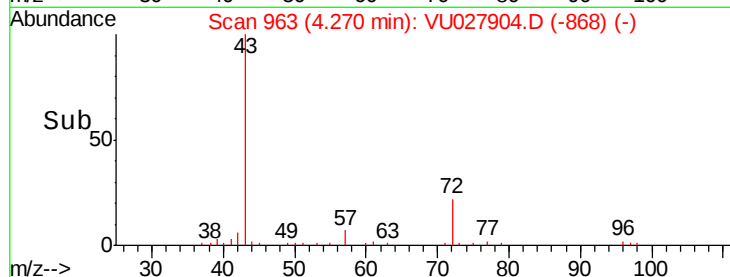
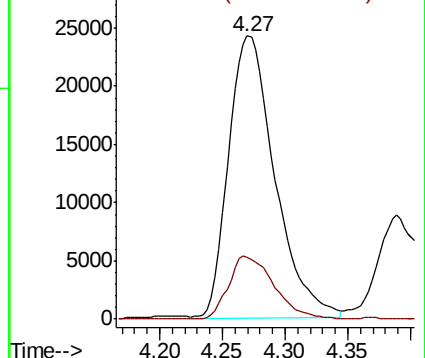
43 100

72 21.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 4.724 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027904.D

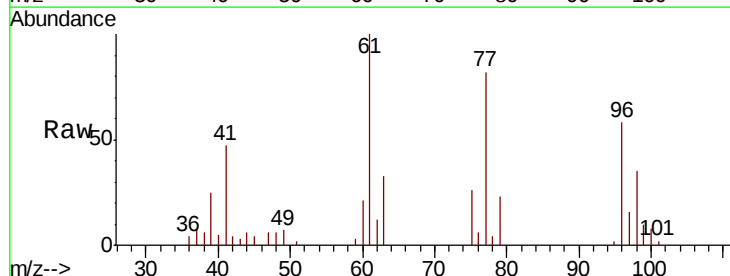
Acq: 01 Nov 2018 18:49

Tgt Ion: 77 Resp: 16565

Ion Ratio Lower Upper

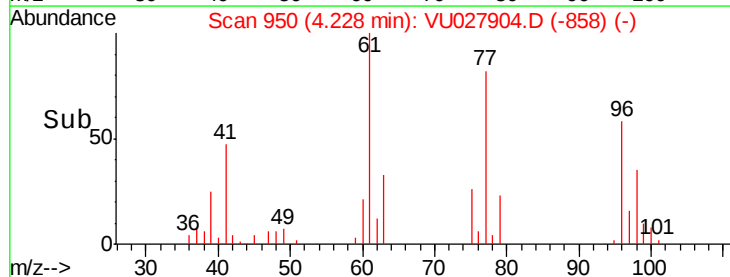
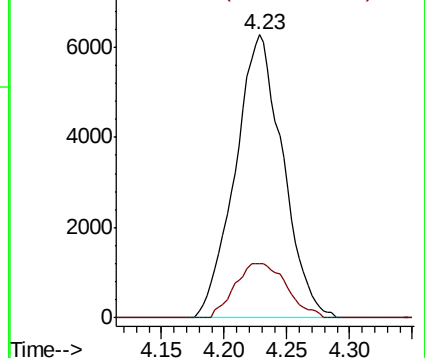
77 100

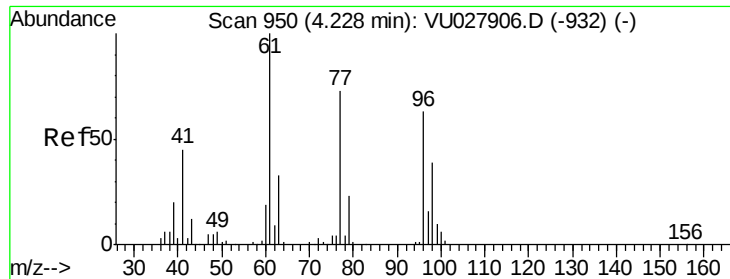
97 20.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

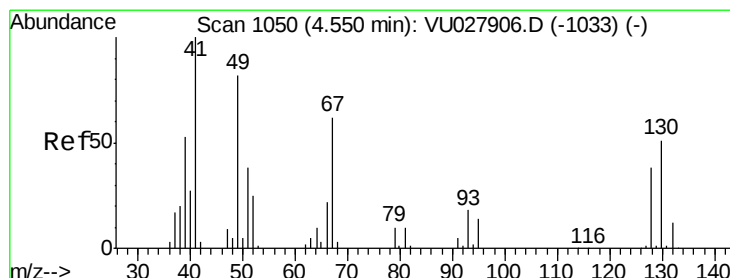
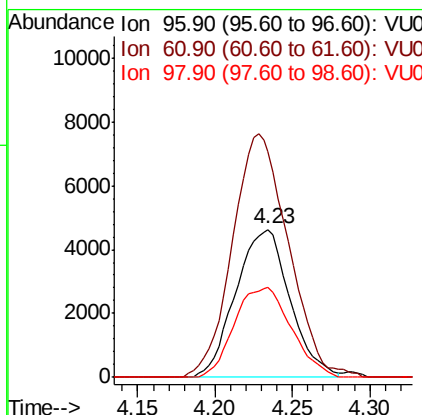
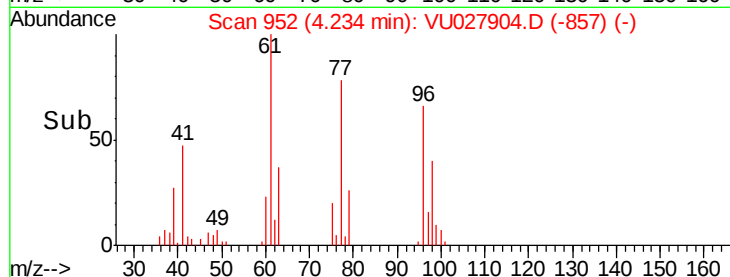
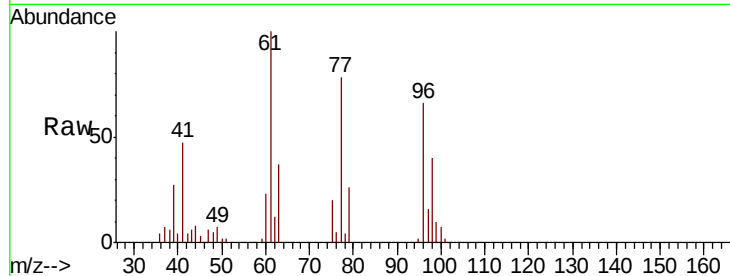




#27
 cis-1,2-Dichloroethene
 Concen: 4.986 ug/l
 RT: 4.23 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

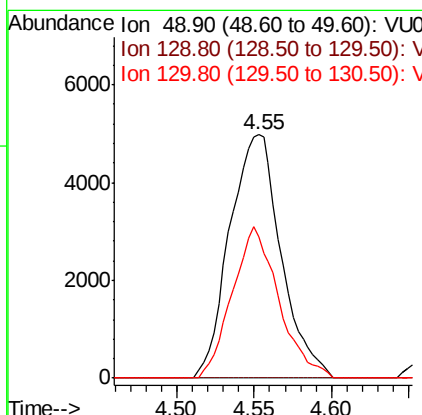
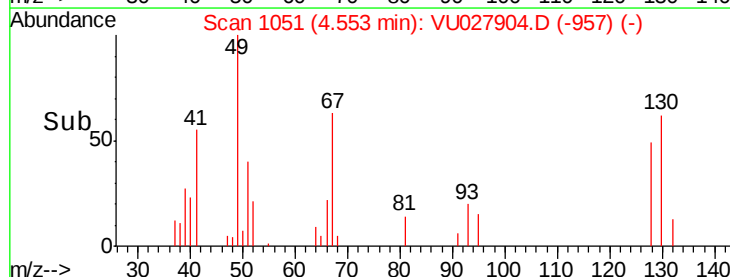
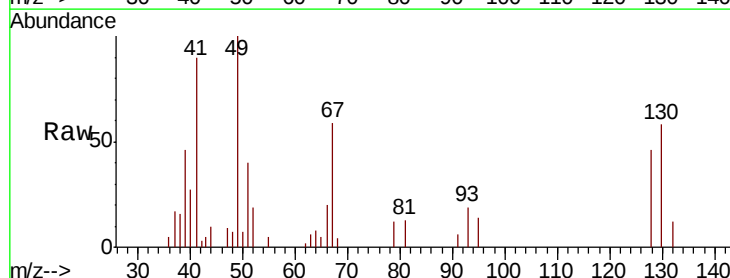
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

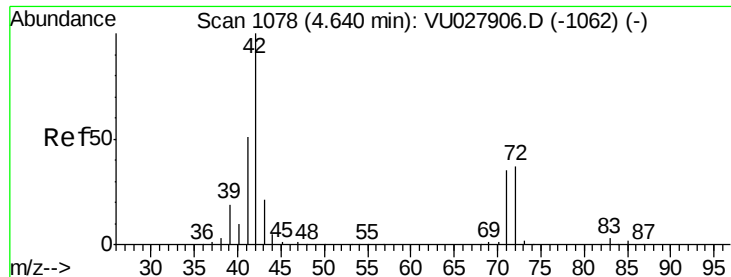
Tgt Ion: 96 Resp: 11290
 Ion Ratio Lower Upper
 96 100
 61 169.6 0.0 329.6
 98 63.7 0.0 127.2



#28
 Bromochloromethane
 Concen: 5.596 ug/l
 RT: 4.55 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 49 Resp: 11511
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.0
 130 56.3 47.8 71.6





#29

Tetrahydrofuran

Concen: 27.906 ug/l

RT: 4.65 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

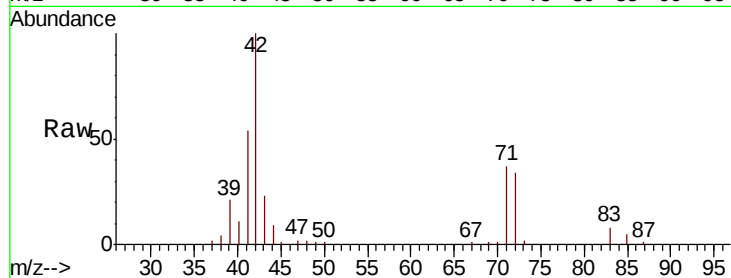
Tgt Ion: 42 Resp: 40178

Ion Ratio Lower Upper

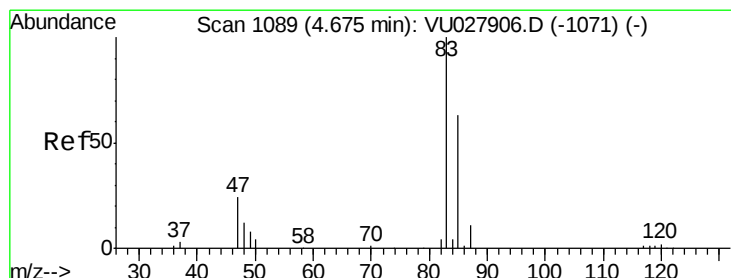
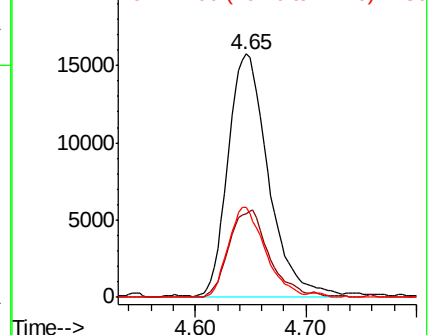
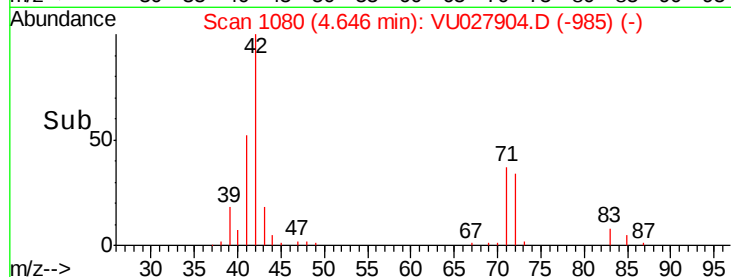
42 100

72 35.9 29.4 44.0

71 33.6 27.9 41.9



Abundance Ion 42.00 (41.70 to 42.70): VU027904.D (-985) (-)



#30

Chloroform

Concen: 5.219 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027904.D

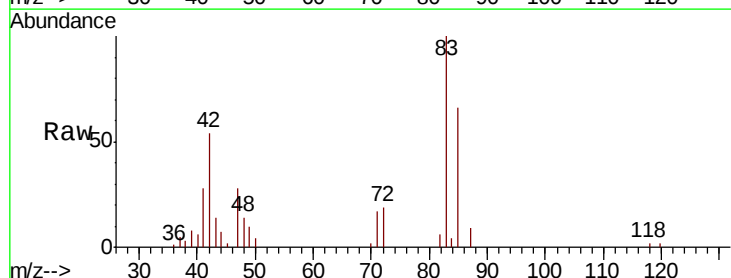
Acq: 01 Nov 2018 18:49

Tgt Ion: 83 Resp: 20172

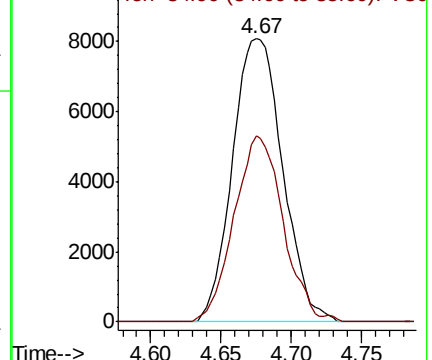
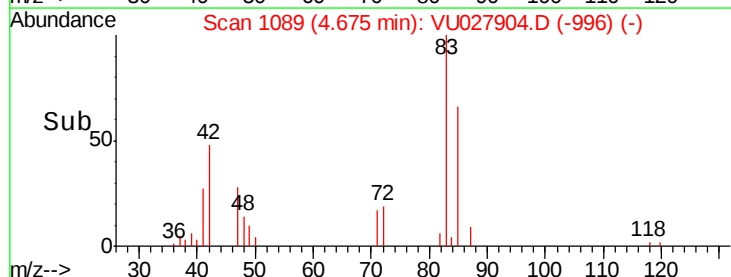
Ion Ratio Lower Upper

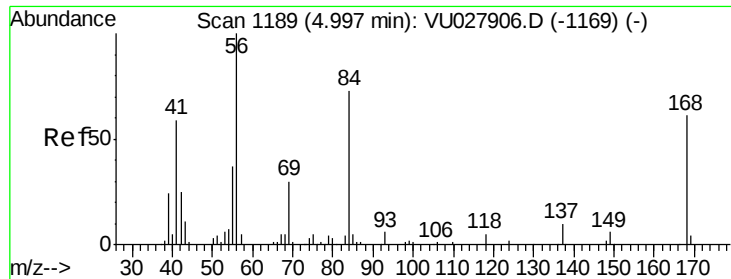
83 100

85 65.8 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VU027904.D (-996) (-)

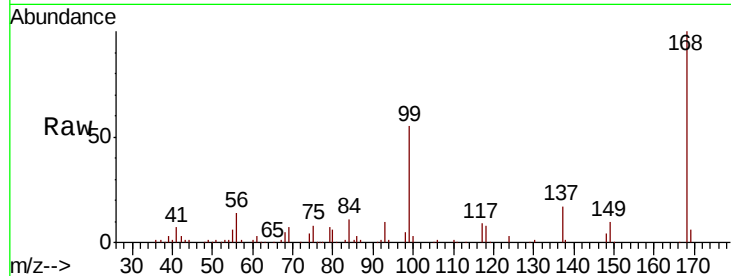




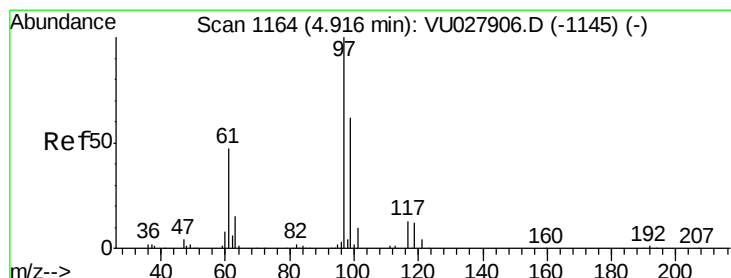
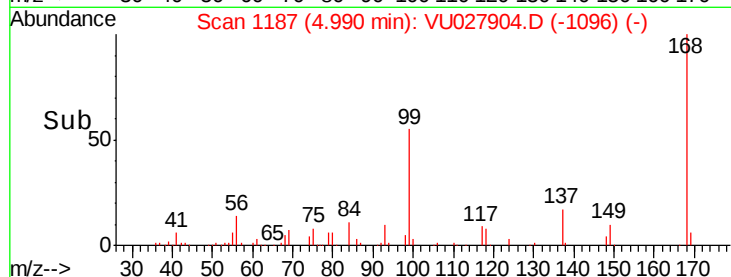
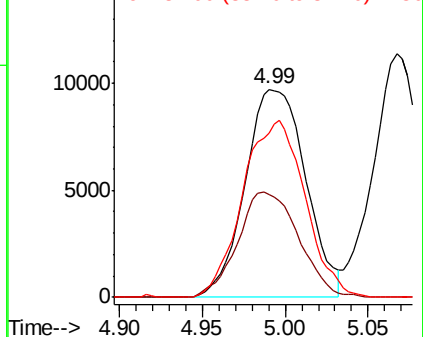
#31
Cyclohexane
Concen: 4.882 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 24675
Ion Ratio Lower Upper
56 100
69 49.5 23.7 35.5#
84 78.7 58.2 87.4

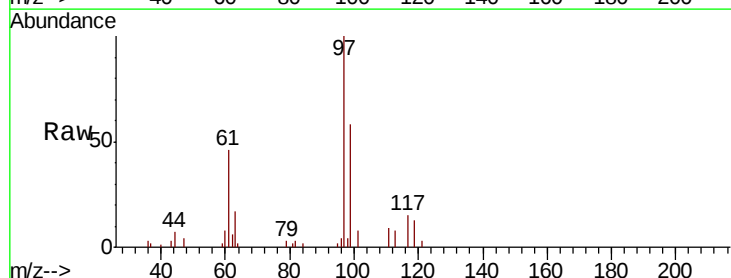


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

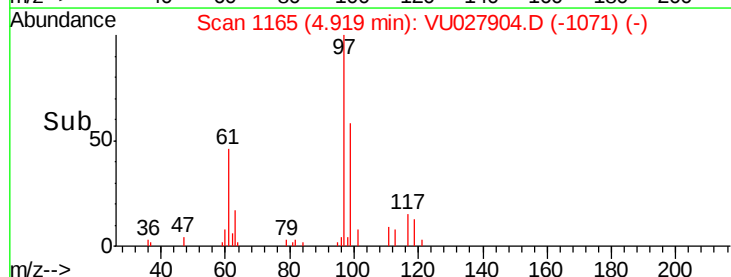
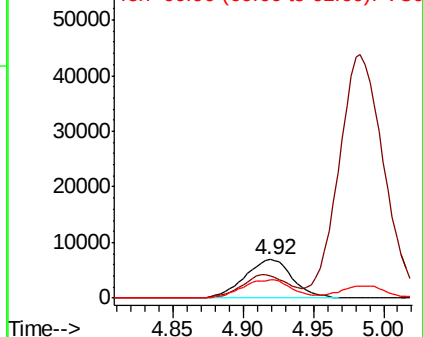


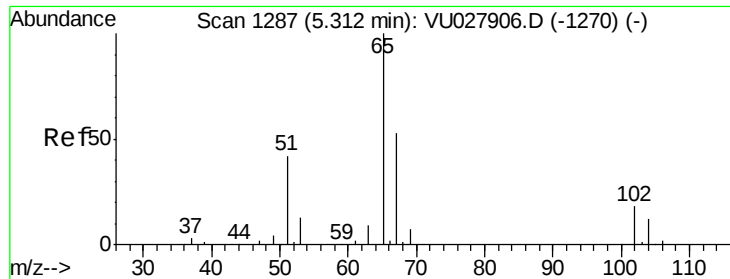
#32
1,1,1-Trichloroethane
Concen: 5.033 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion: 97 Resp: 16322
Ion Ratio Lower Upper
97 100
99 59.1 50.5 75.7
61 50.2 38.3 57.5



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

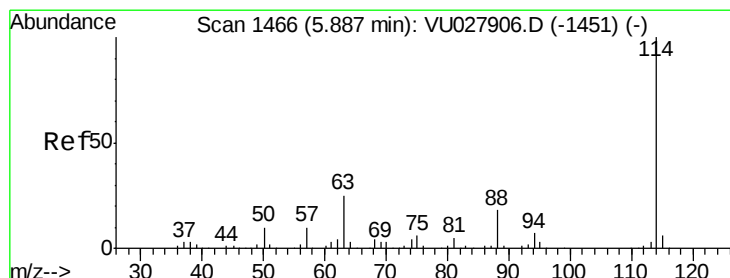
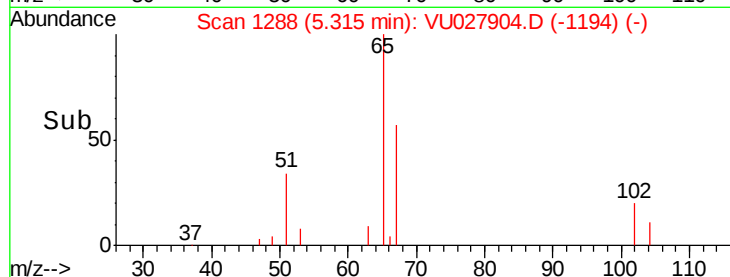
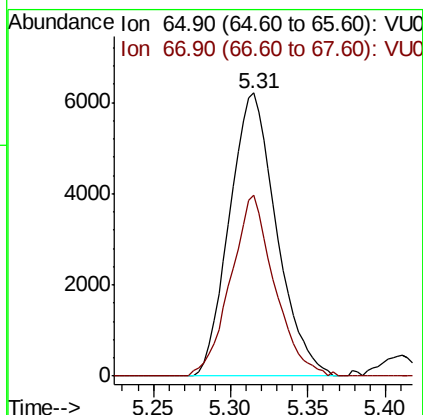
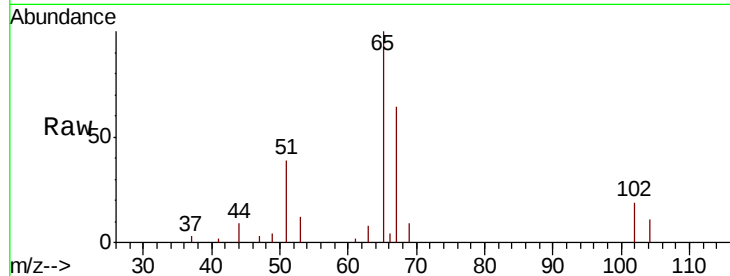




#33
 1,2-Dichloroethane-d4
 Concen: 4.791 ug/l
 RT: 5.31 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

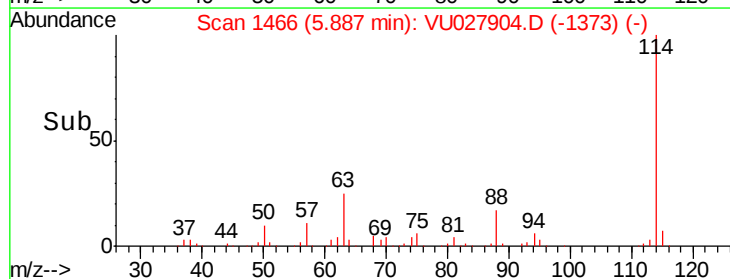
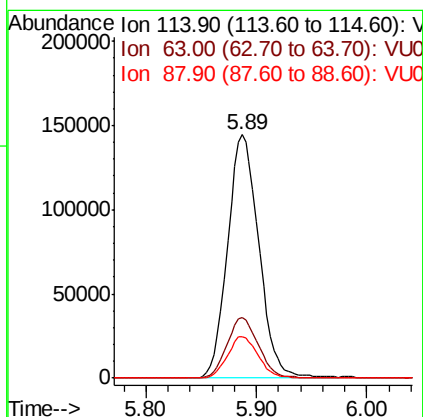
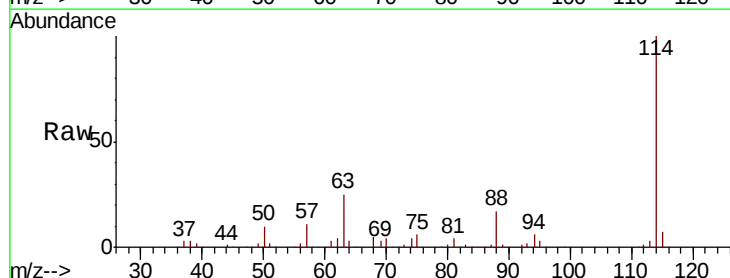
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

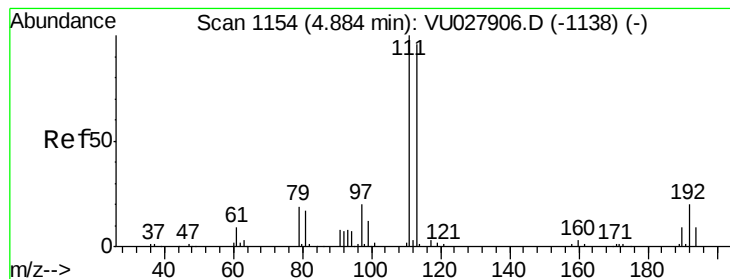
Tgt Ion: 65 Resp: 13099
 Ion Ratio Lower Upper
 65 100
 67 59.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 114 Resp: 284382
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.8
 88 17.2 0.0 35.8





#35

Dibromofluoromethane

Concen: 4.847 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

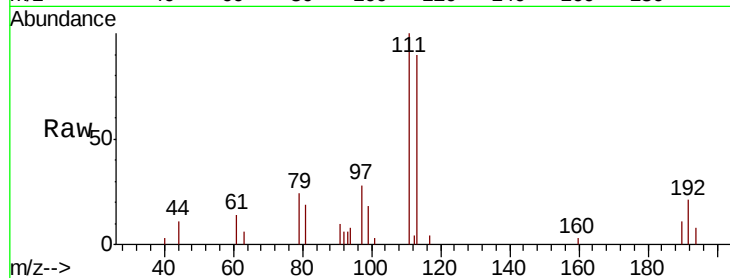
Tgt Ion: 113 Resp: 9371

Ion Ratio Lower Upper

113 100

111 111.4 83.0 124.6

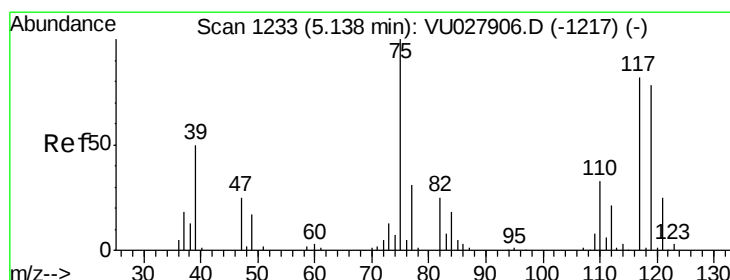
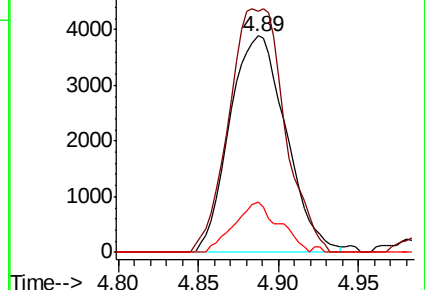
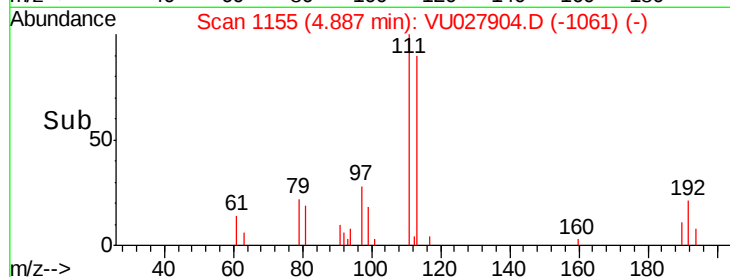
192 18.5 15.6 23.4



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: 5.044 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

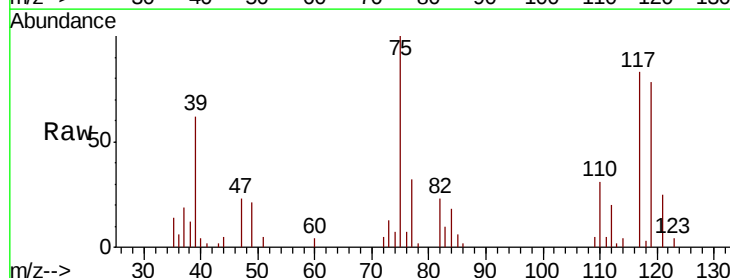
Tgt Ion: 75 Resp: 15477

Ion Ratio Lower Upper

75 100

110 29.2 16.5 49.5

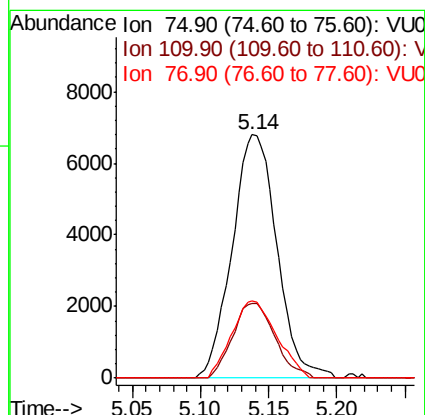
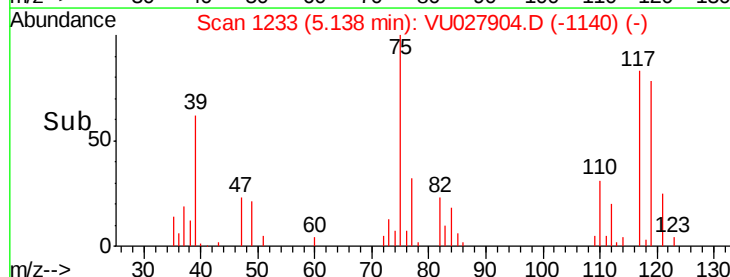
77 31.7 24.9 37.3

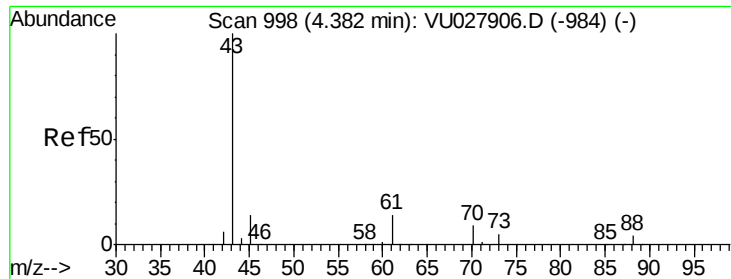


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 5.201 ug/l

RT: 4.39 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

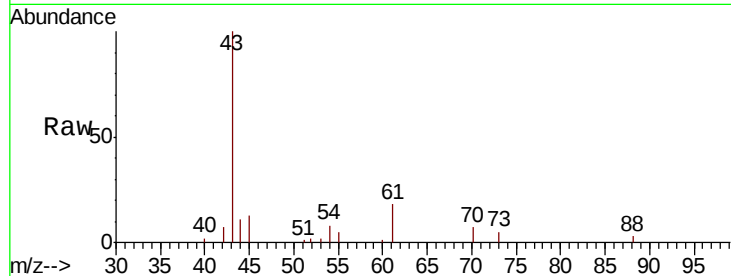
Tgt Ion: 43 Resp: 21156

Ion Ratio Lower Upper

43 100

61 16.0 10.3 15.5#

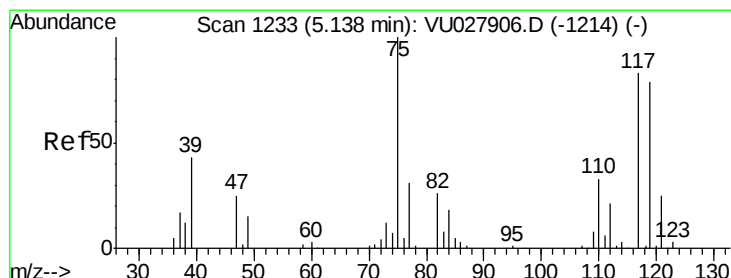
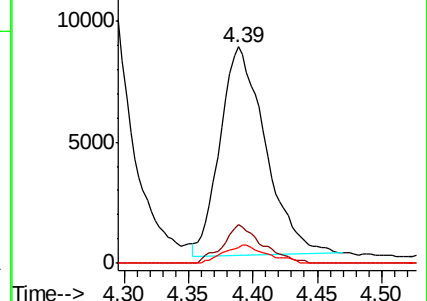
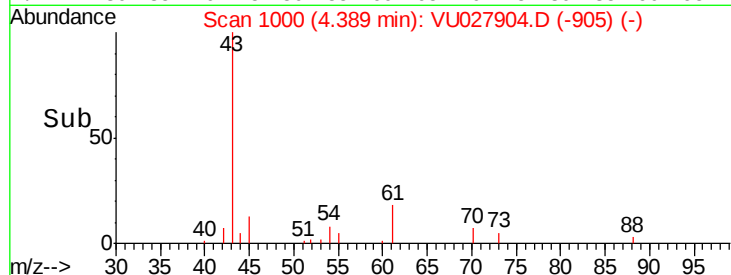
70 8.2 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VU027904.D (-1000) (-)

Ion 60.90 (60.60 to 61.60): VU027904.D (-1000) (-)

Ion 70.00 (69.70 to 70.70): VU027904.D (-1000) (-)



#38

Carbon Tetrachloride

Concen: 4.833 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

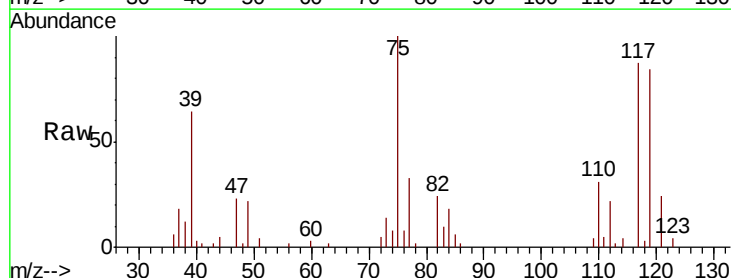
Tgt Ion: 117 Resp: 13386

Ion Ratio Lower Upper

117 100

119 97.1 76.0 114.0

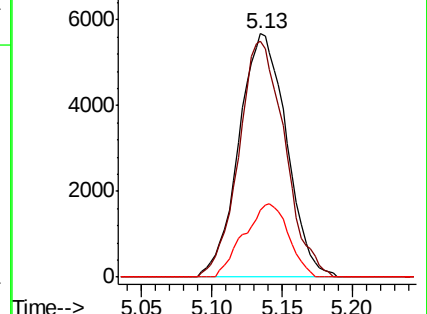
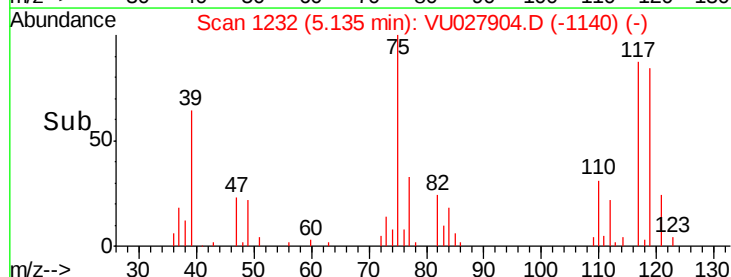
121 27.3 24.5 36.7

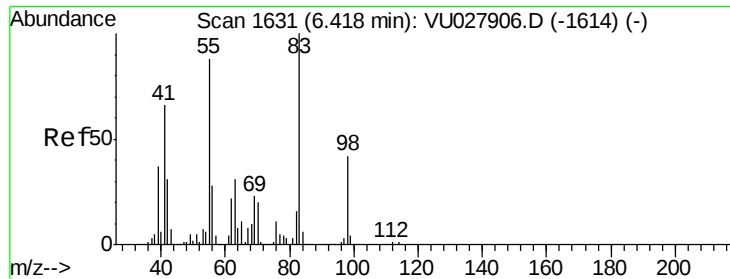


Abundance Ion 116.80 (116.50 to 117.50): VU027904.D (-1232) (-)

Ion 118.80 (118.50 to 119.50): VU027904.D (-1232) (-)

Ion 120.80 (120.50 to 121.50): VU027904.D (-1232) (-)

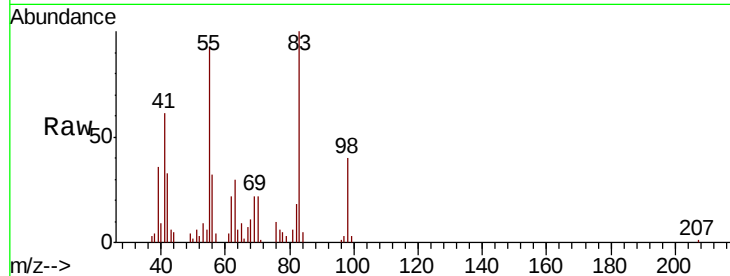




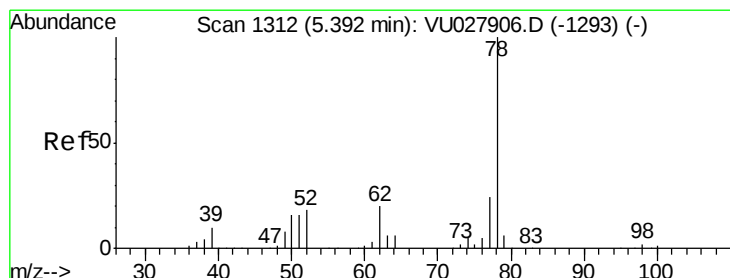
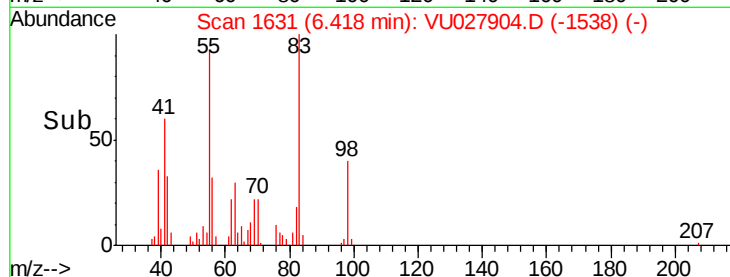
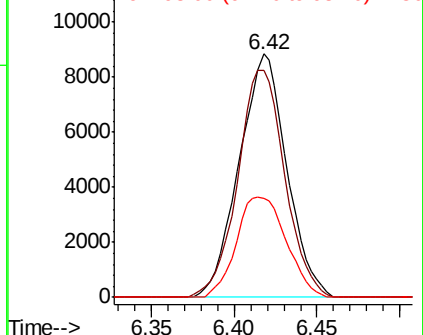
#39
Methylcyclohexane
Concen: 4.898 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 17617
Ion Ratio Lower Upper
83 100
55 93.2 70.3 105.5
98 40.4 34.0 51.0

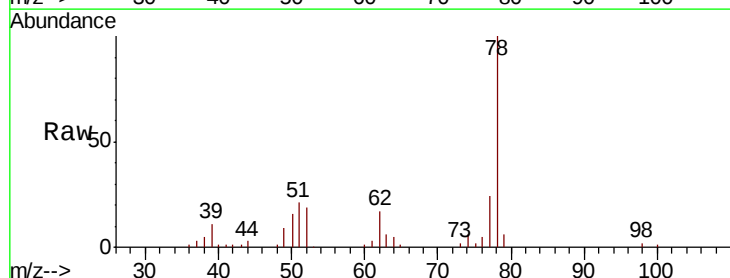


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

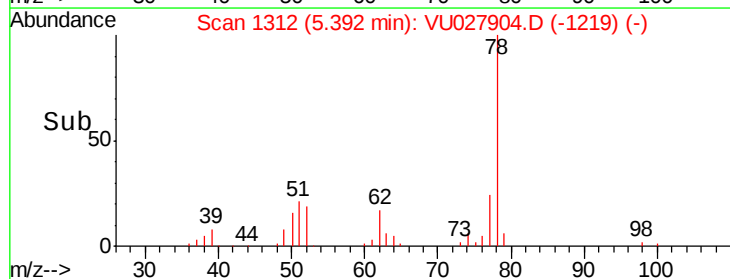
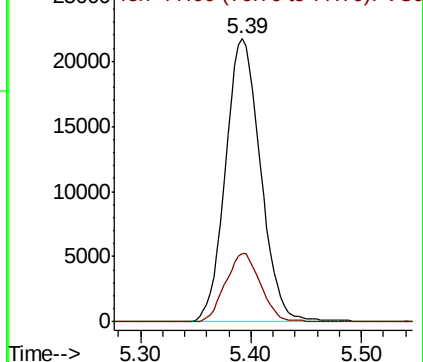


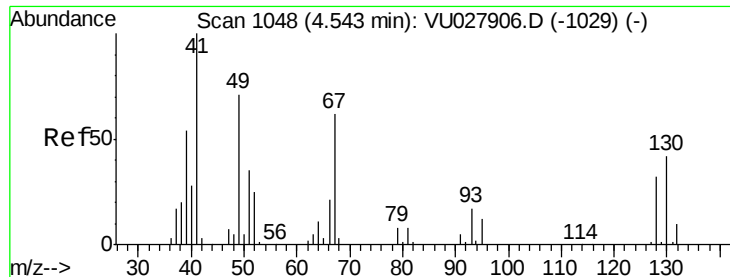
#40
Benzene
Concen: 5.283 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion: 78 Resp: 47868
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

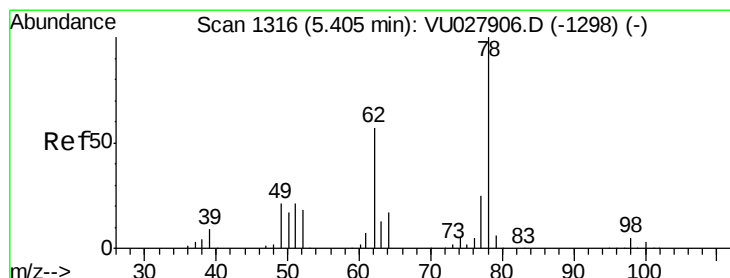
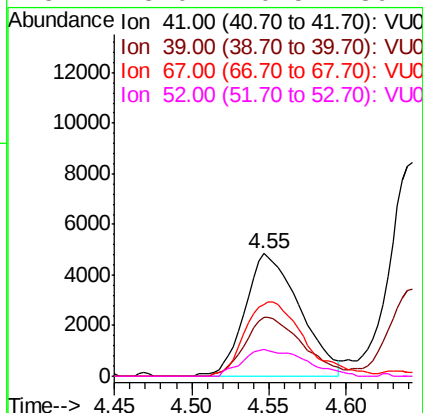
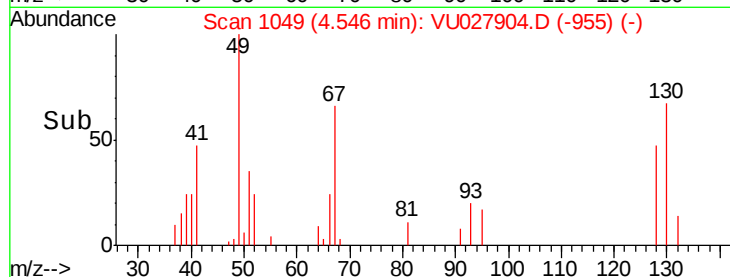
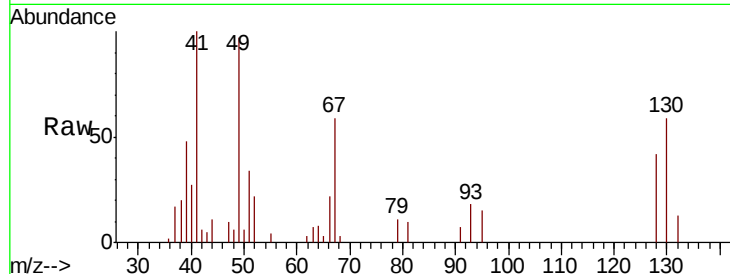




#41
Methacrylonitrile
Concen: 5.207 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

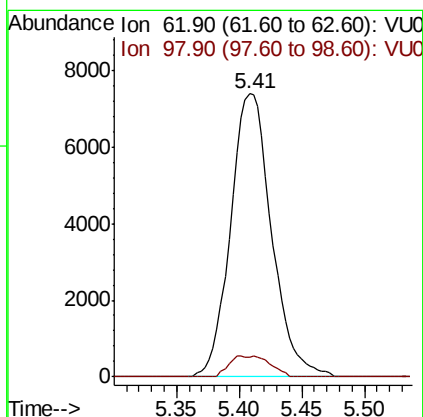
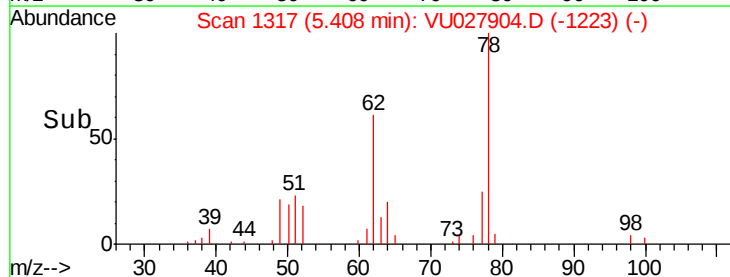
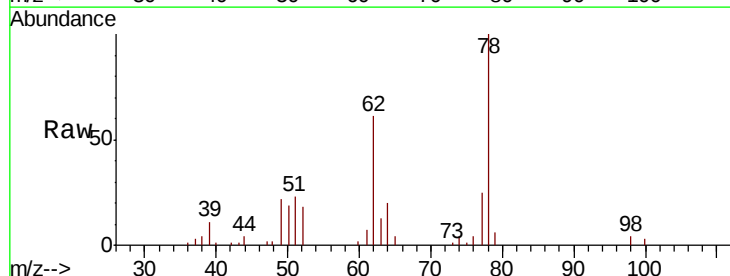
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

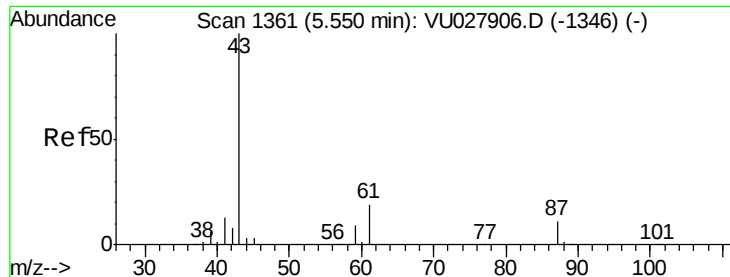
Tgt Ion:	41	Resp:	11940
Ion	Ratio	Lower	Upper
41	100		
39	51.0	42.2	63.4
67	65.2	49.5	74.3
52	25.0	20.5	30.7



#42
1,2-Dichloroethane
Concen: 5.047 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion:	62	Resp:	16774
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.330 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

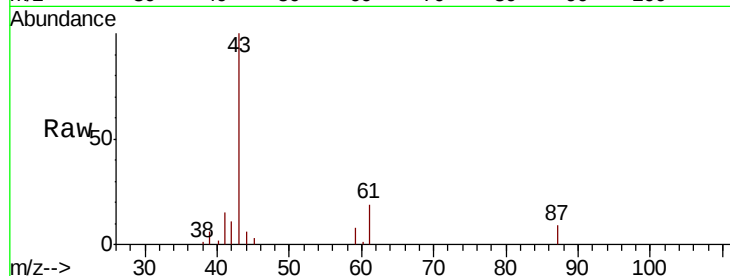
Tgt Ion: 43 Resp: 33565

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.4

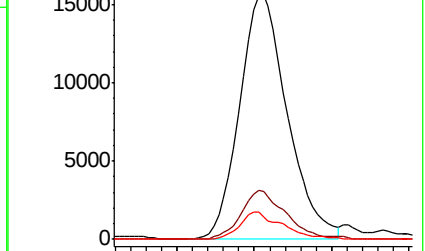
87 10.1 8.6 12.8



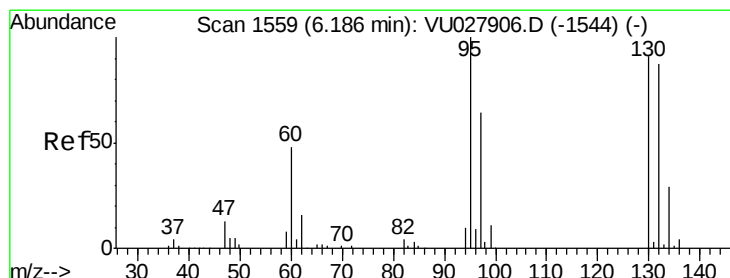
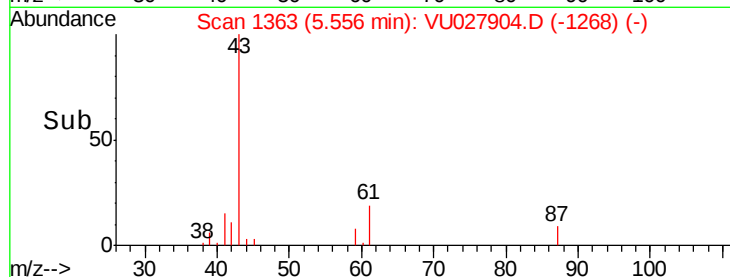
Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



Time-->



#44

Trichloroethene

Concen: 4.938 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027904.D

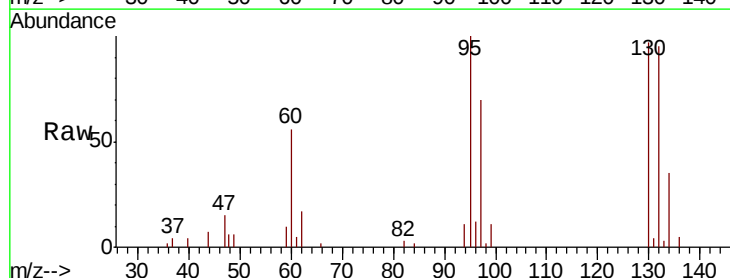
Acq: 01 Nov 2018 18:49

Tgt Ion: 130 Resp: 9890

Ion Ratio Lower Upper

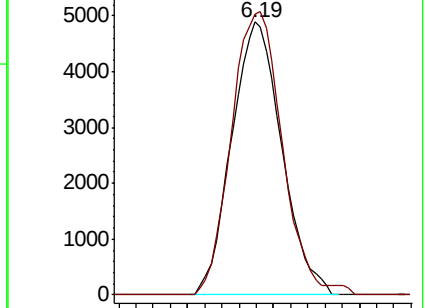
130 100

95 102.7 0.0 219.2

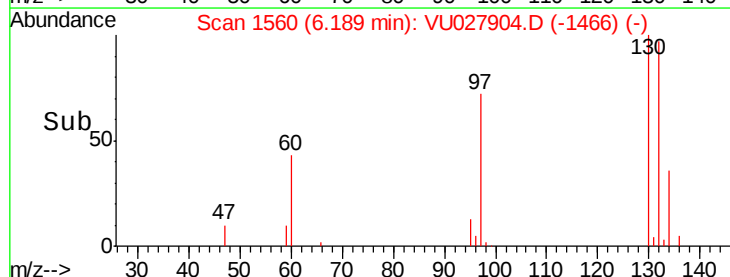


Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)



Time-->

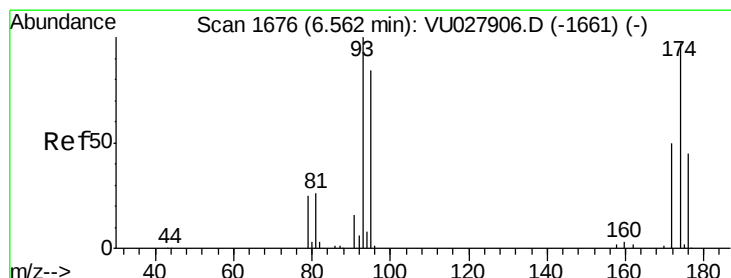
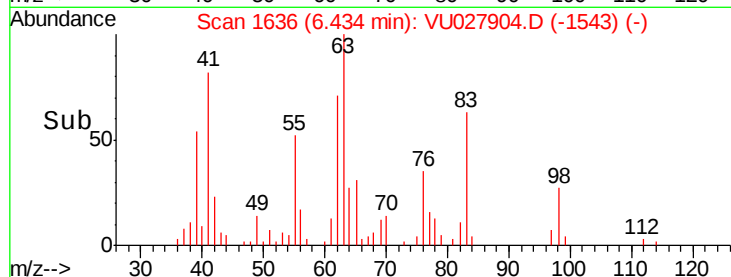
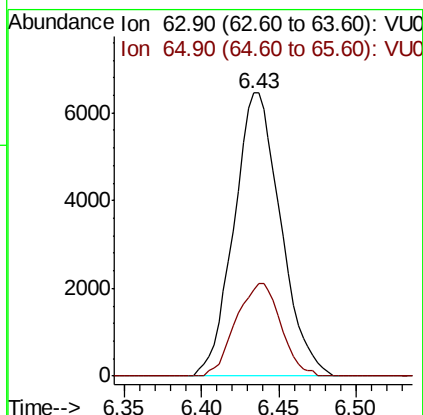
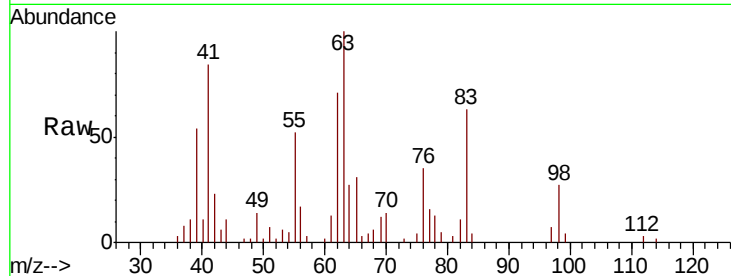




#45
 1,2-Dichloropropane
 Concen: 5.214 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

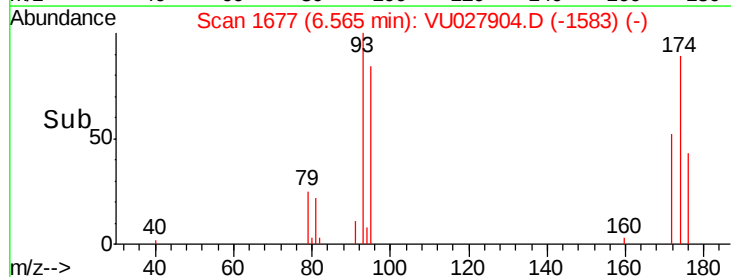
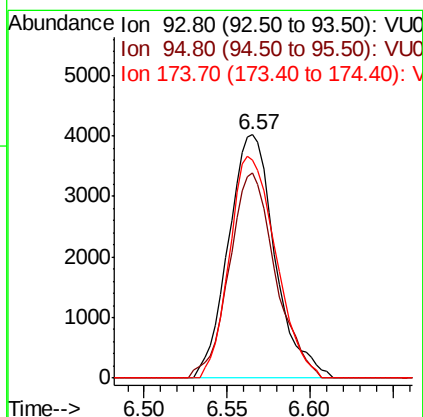
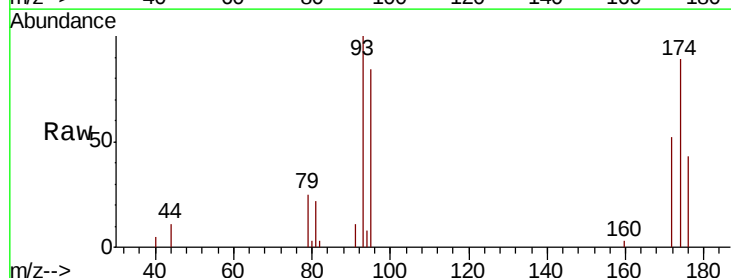
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

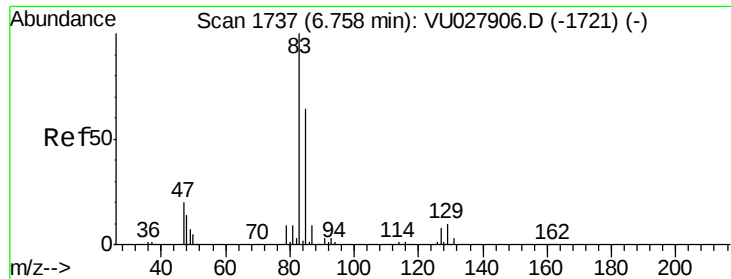
Tgt Ion: 63 Resp: 13571
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6



#46
 Dibromomethane
 Concen: 5.329 ug/l
 RT: 6.57 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 93 Resp: 7838
 Ion Ratio Lower Upper
 93 100
 95 83.3 68.5 102.7
 174 90.7 76.1 114.1

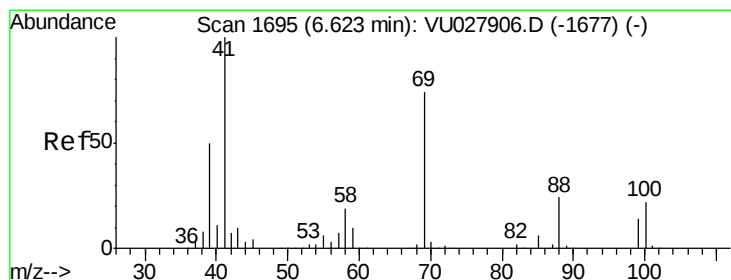
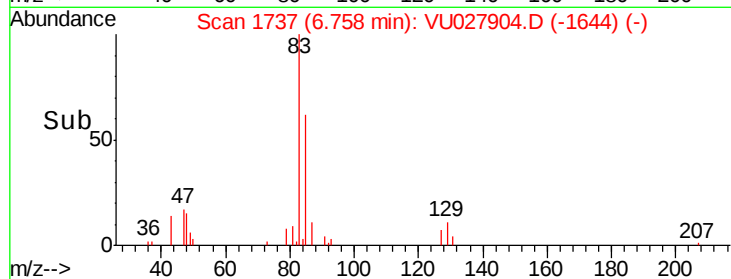
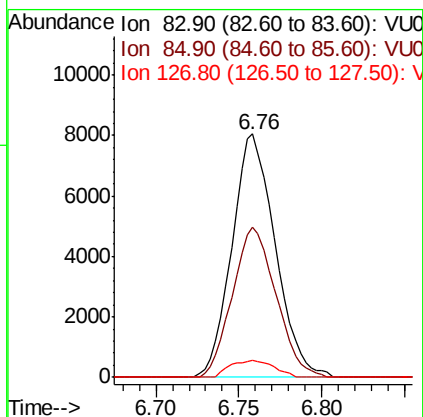
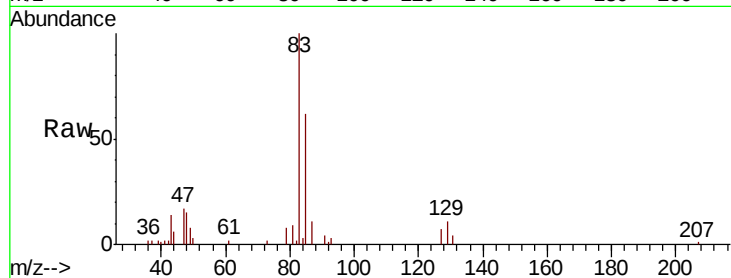




#47
 Bromodichloromethane
 Concen: 4.827 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

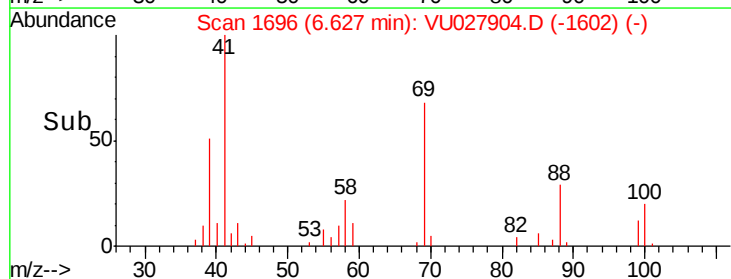
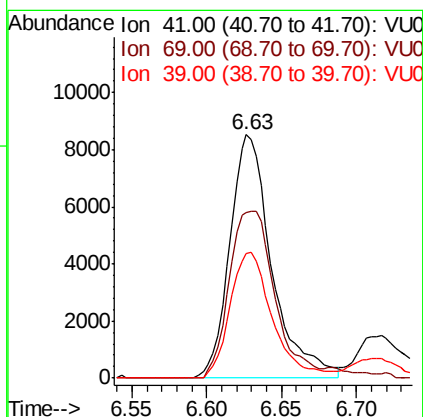
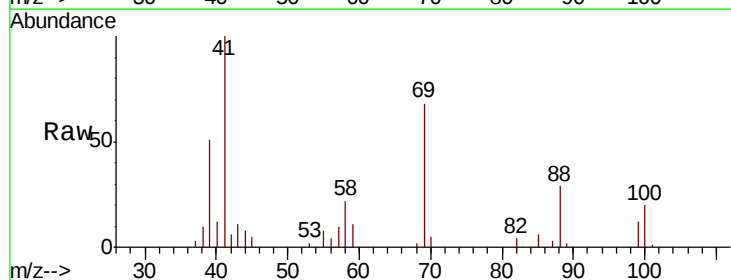
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 83 Resp: 14615
 Ion Ratio Lower Upper
 83 100
 85 61.6 51.0 76.6
 127 7.0 6.2 9.4



#48
 Methyl methacrylate
 Concen: 5.317 ug/l
 RT: 6.63 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 41 Resp: 16666
 Ion Ratio Lower Upper
 41 100
 69 74.2 59.8 89.8
 39 52.2 40.0 60.0

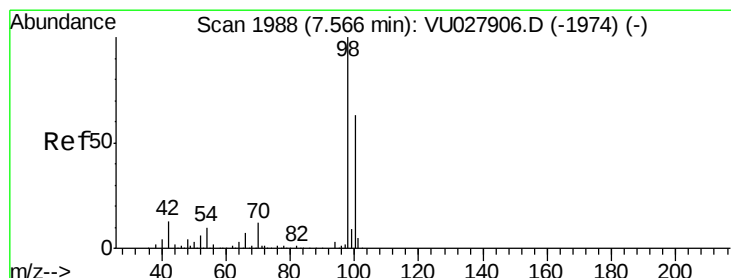
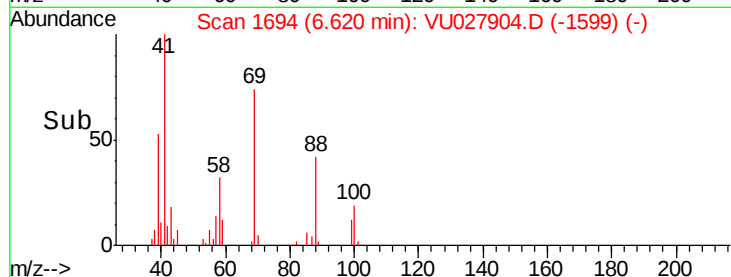
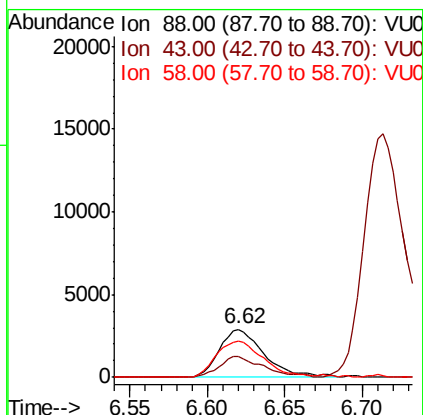
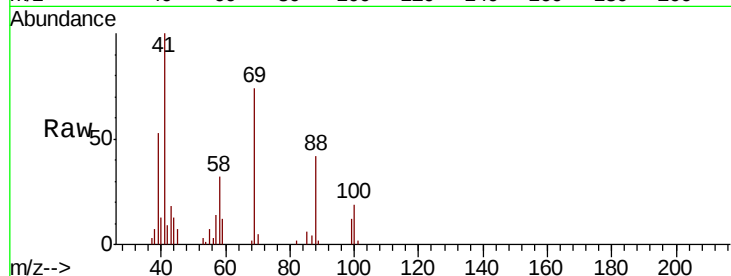




#49
1,4-Dioxane
Concen: 108.637 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

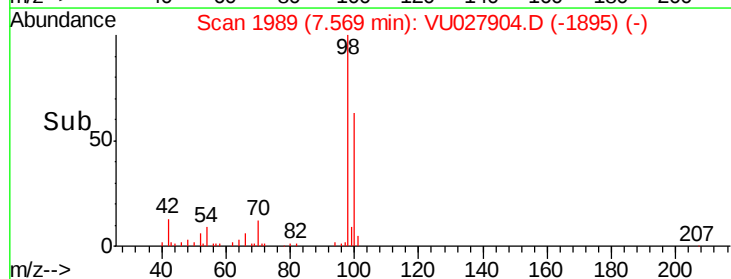
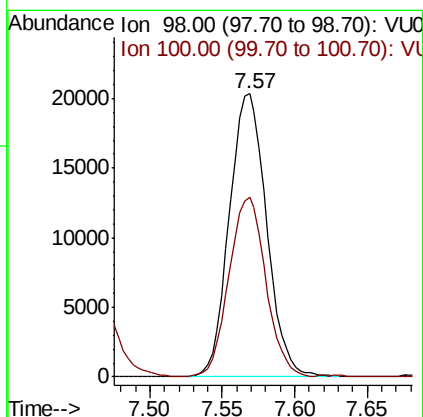
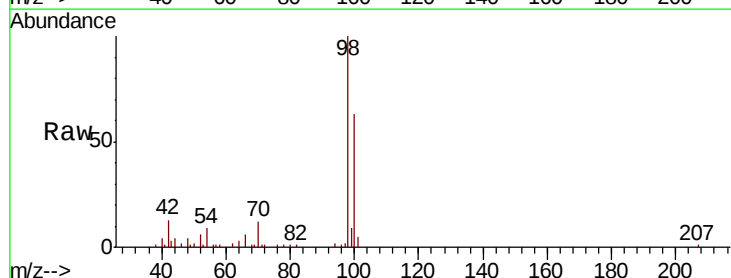
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

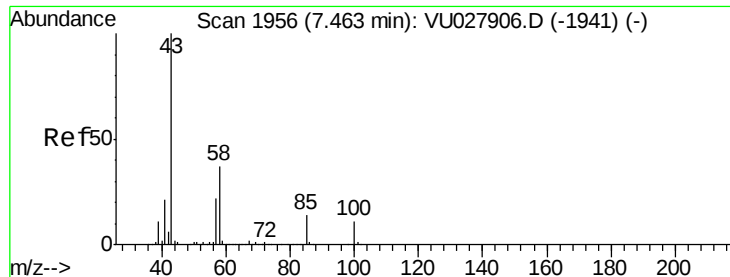
Tgt Ion: 88 Resp: 5807
Ion Ratio Lower Upper
88 100
43 43.0 30.5 45.7
58 79.1 67.1 100.7



#50
Toluene-d8
Concen: 5.038 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion: 98 Resp: 36352
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

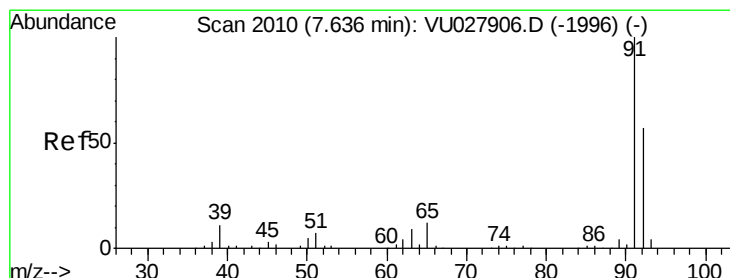
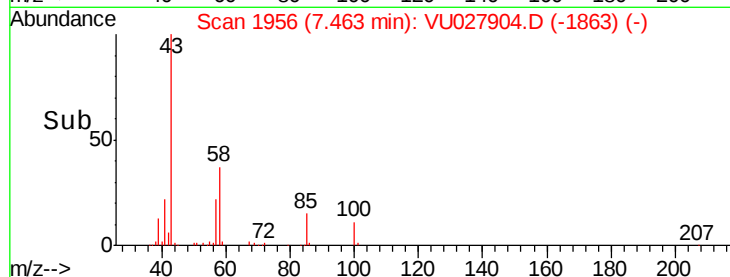
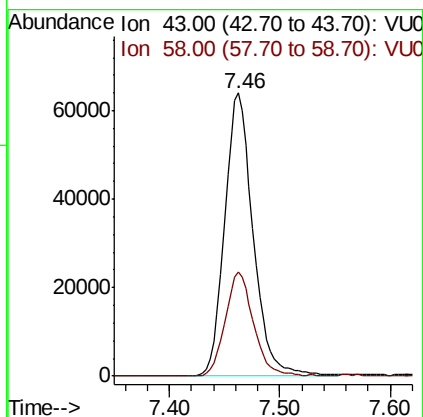
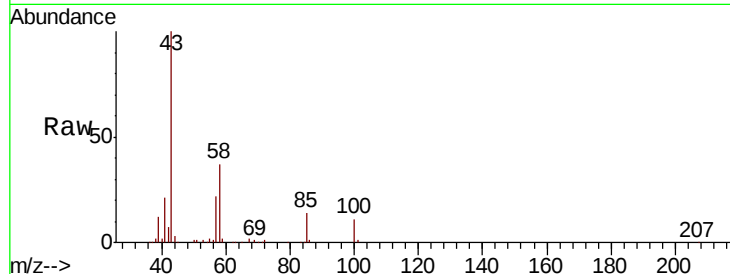




#51
 4-Methyl-2-Pentanone
 Concen: 27.818 ug/l
 RT: 7.46 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

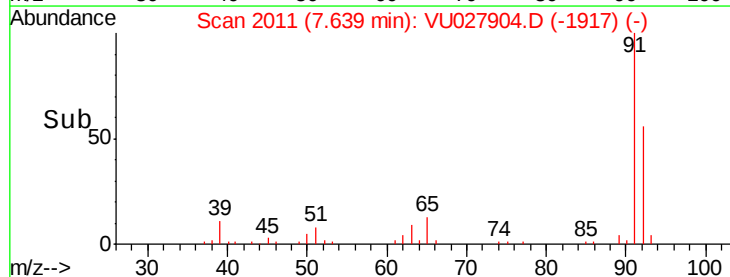
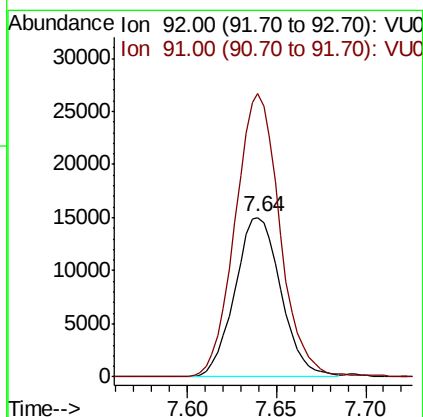
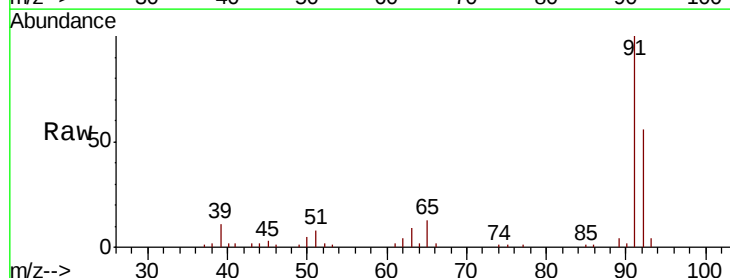
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

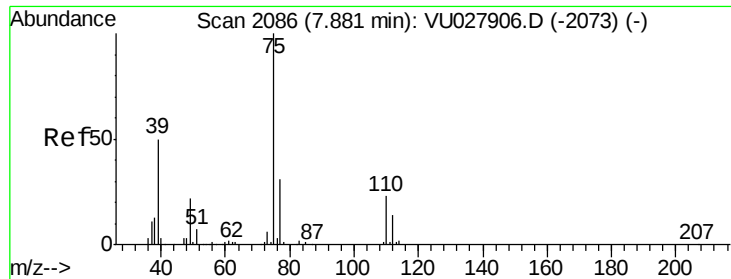
Tgt Ion: 43 Resp: 114535
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.5 44.3



#52
 Toluene
 Concen: 5.051 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 92 Resp: 26941
 Ion Ratio Lower Upper
 92 100
 91 172.9 141.2 211.8

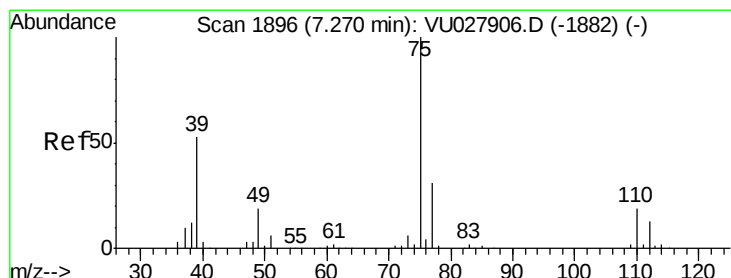
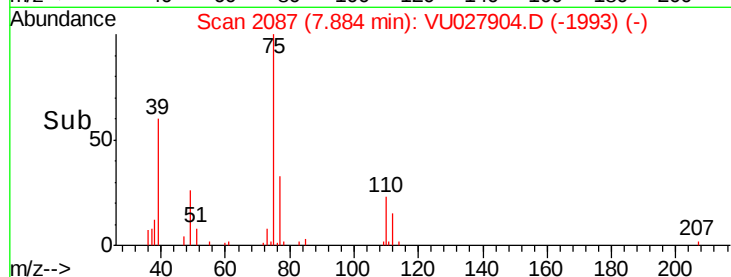
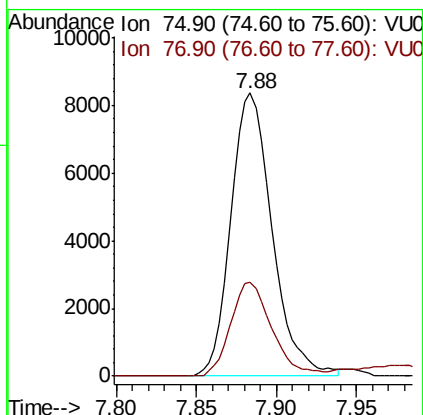
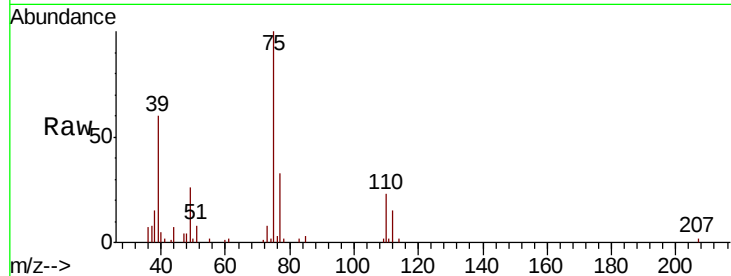




#53
 t-1,3-Dichloropropene
 Concen: 4.164 ug/l
 RT: 7.88 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

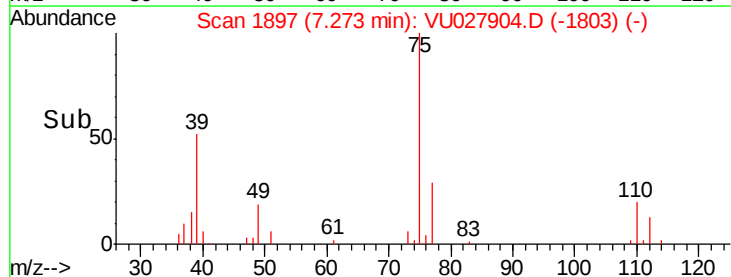
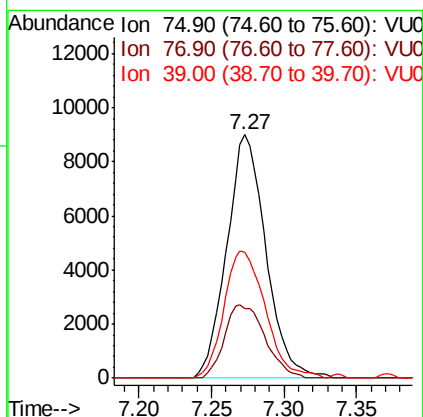
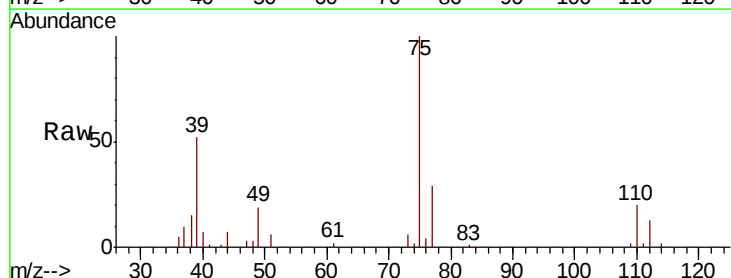
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

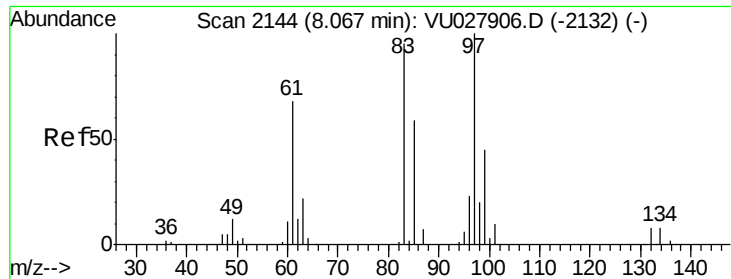
Tgt Ion: 75 Resp: 14756
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 4.419 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 75 Resp: 16849
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.6 37.0
 39 51.5 42.6 64.0

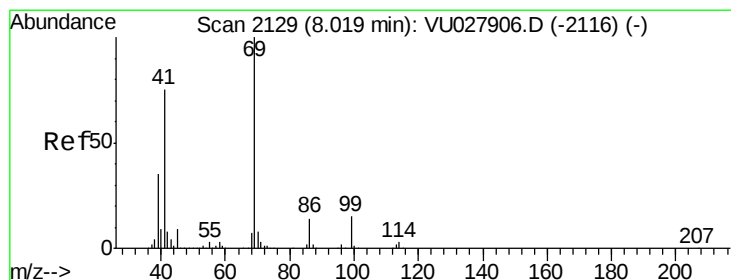
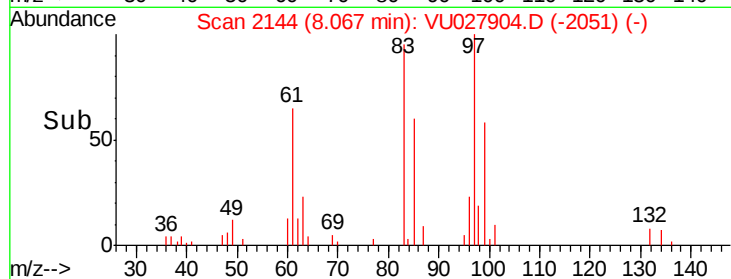
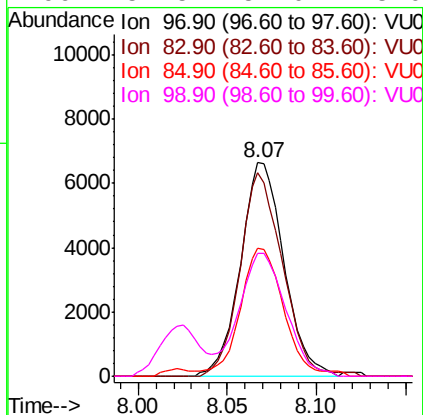
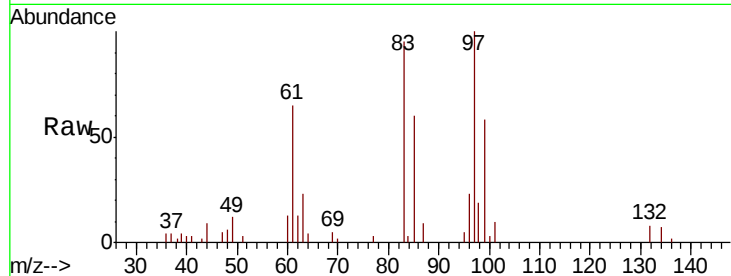




#55
 1,1,2-Trichloroethane
 Concen: 5.329 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

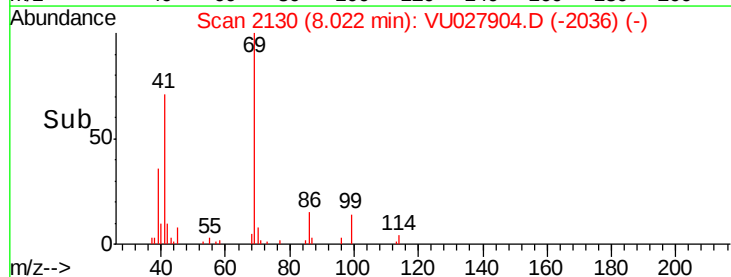
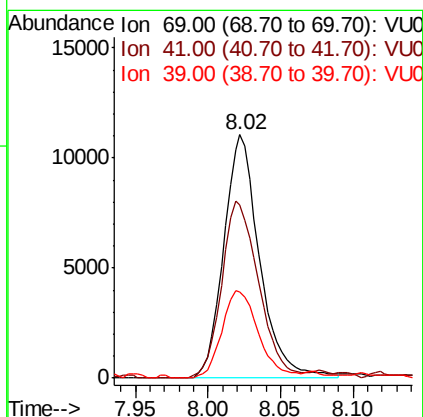
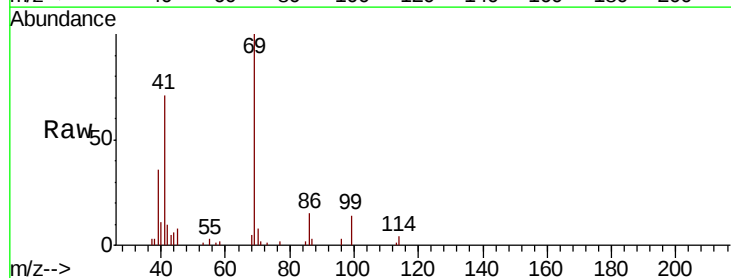
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	11271
Ion	Ratio	Lower	Upper
97	100		
83	95.2	76.1	114.1
85	57.8	48.9	73.3
99	57.5	52.0	78.0



#56
 Ethyl methacrylate
 Concen: 5.327 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion:	69	Resp:	18915
Ion	Ratio	Lower	Upper
69	100		
41	75.1	59.8	89.6
39	36.6	28.6	42.8

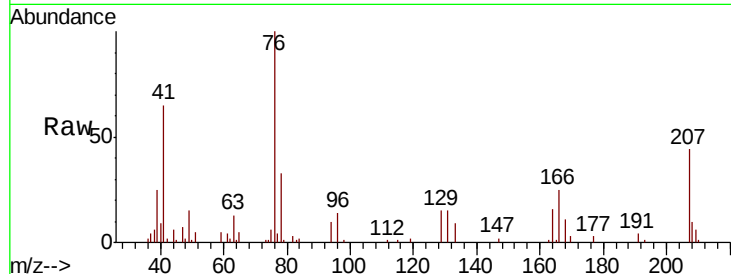




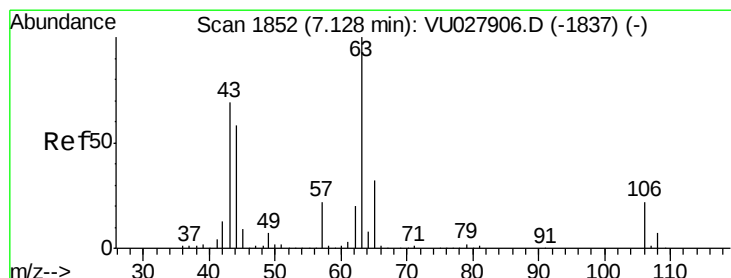
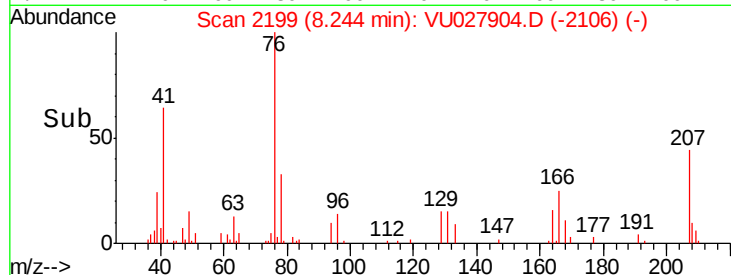
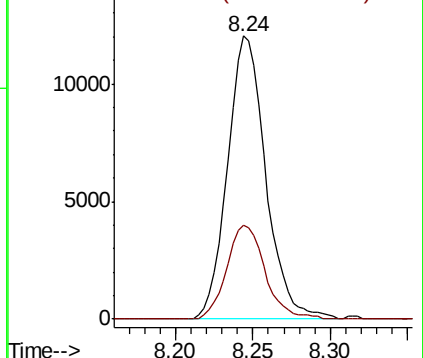
#57
 1,3-Dichloropropane
 Concen: 5.035 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 76 Resp: 20596
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.3 37.9

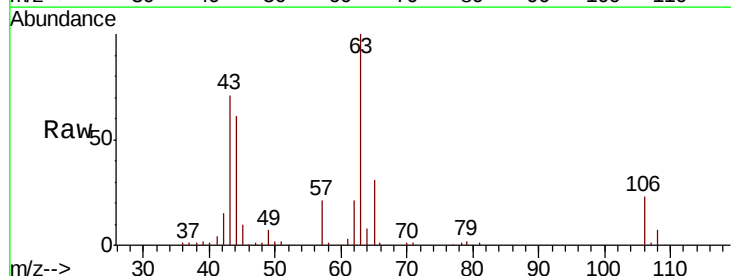


Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0

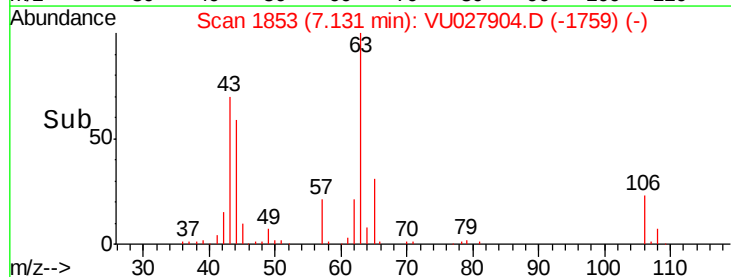
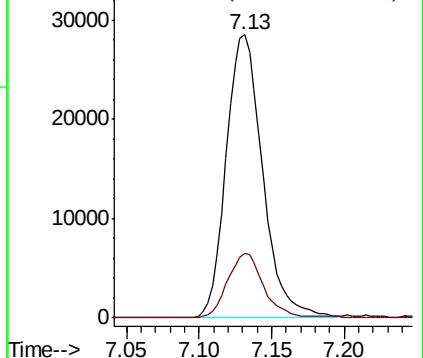


#58
 2-Chloroethyl Vinyl ether
 Concen: 25.668 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 63 Resp: 49898
 Ion Ratio Lower Upper
 63 100
 106 22.2 17.8 26.6



Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 105.90 (105.60 to 106.60): V

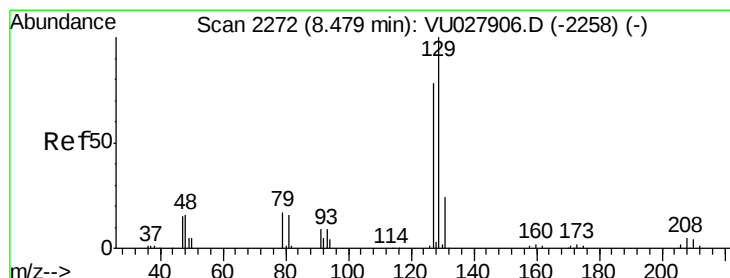
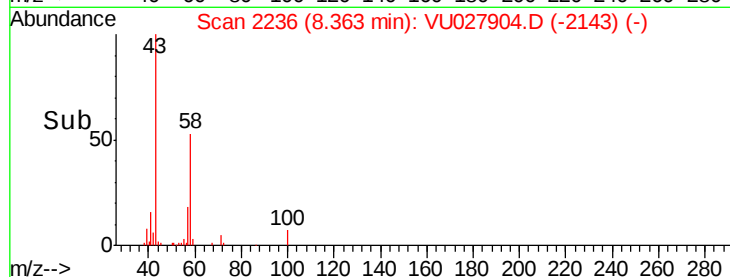
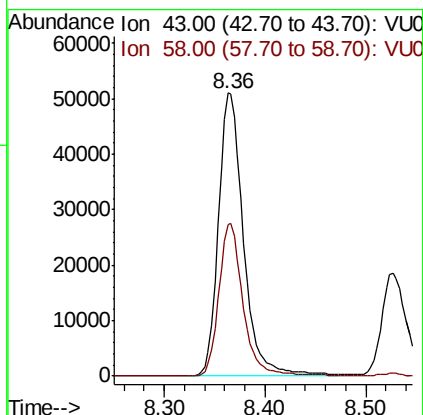
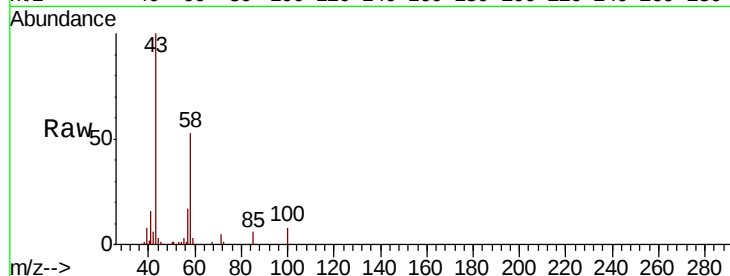




#59
2-Hexanone
Concen: 27.708 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

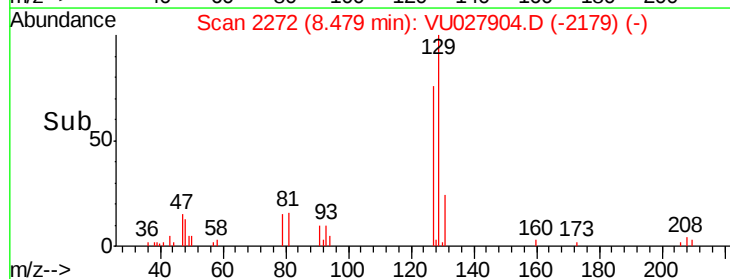
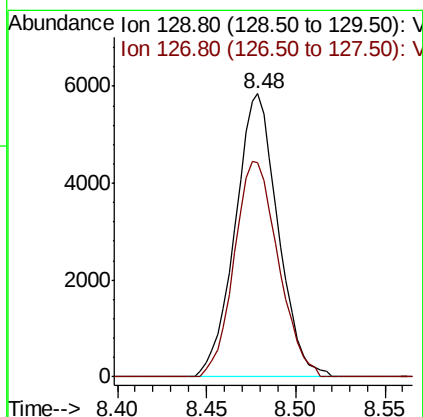
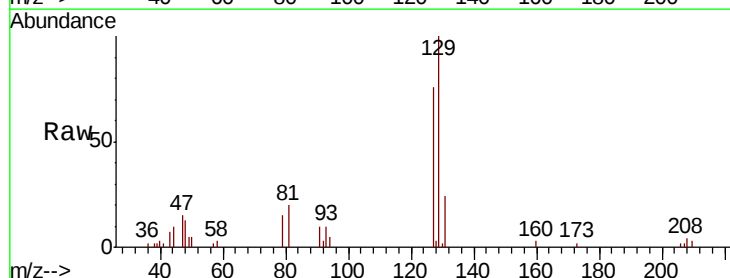
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

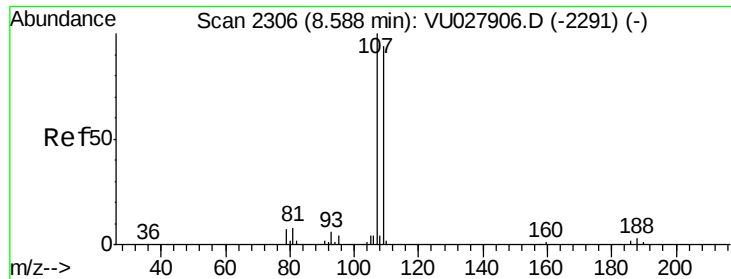
Tgt Ion: 43 Resp: 88682
Ion Ratio Lower Upper
43 100
58 51.7 25.8 77.3



#60
Dibromochloromethane
Concen: 4.587 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion: 129 Resp: 9746
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6

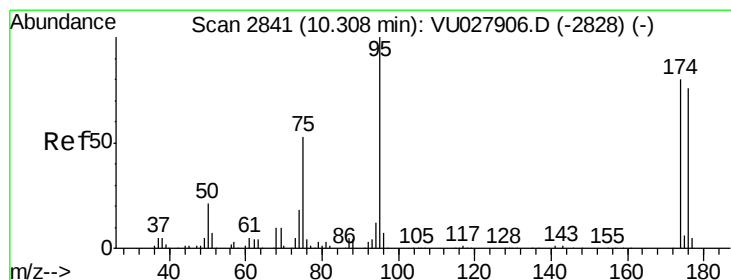
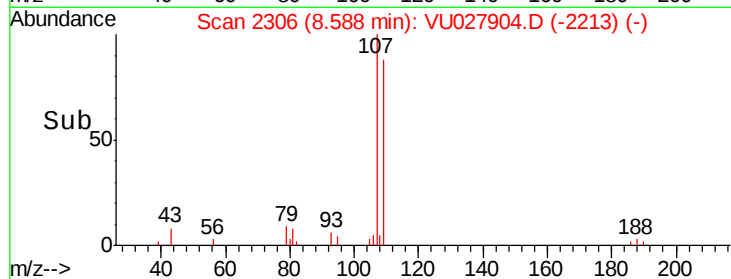
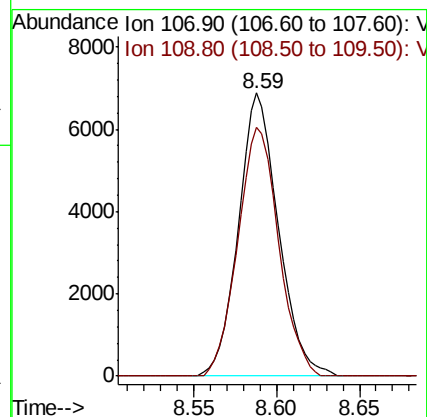
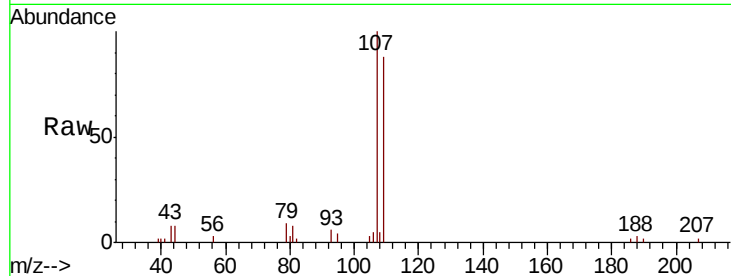




#61
 1,2-Dibromoethane
 Concen: 5.085 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

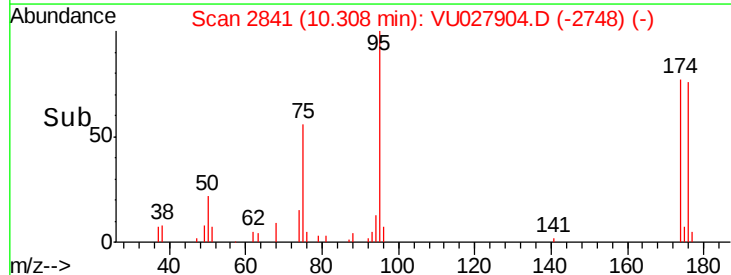
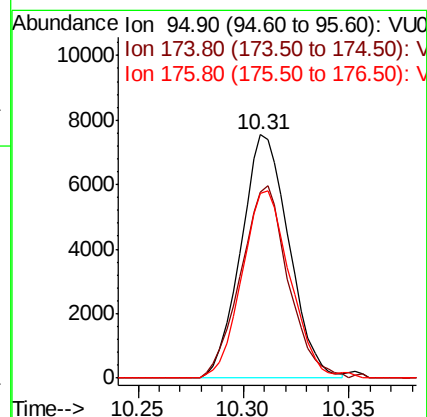
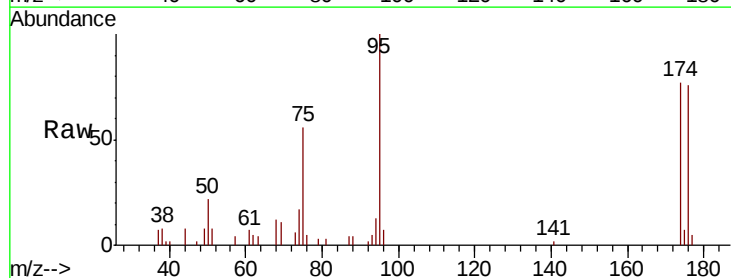
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

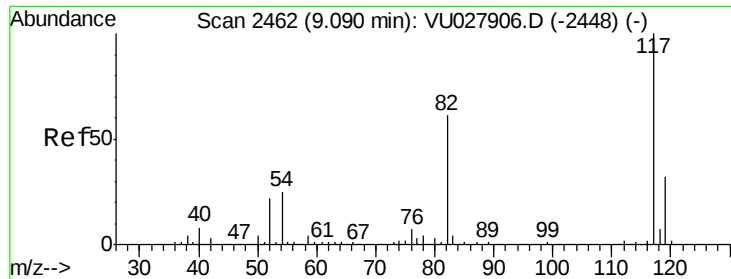
Tgt Ion: 107 Resp: 11550
 Ion Ratio Lower Upper
 107 100
 109 89.6 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 4.438 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 95 Resp: 11930
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 156.4
 176 77.2 0.0 150.8

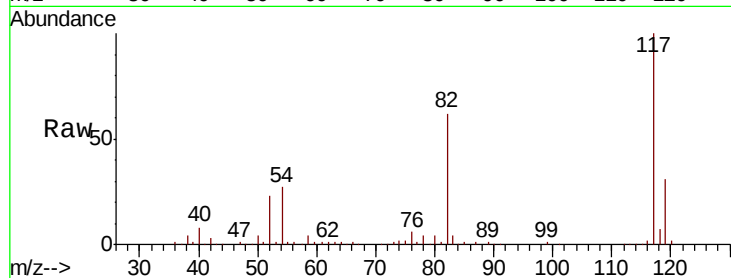




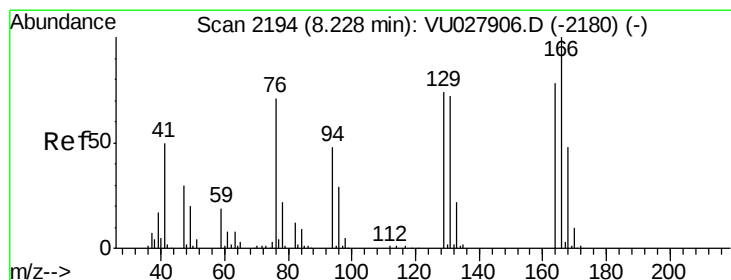
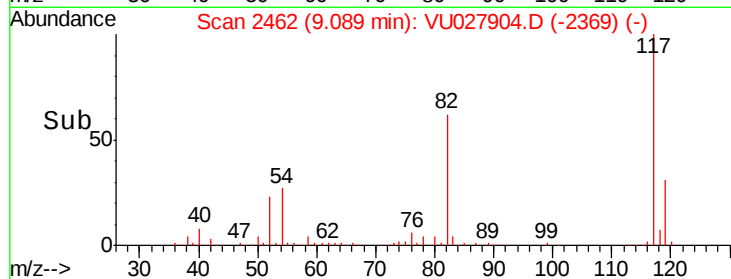
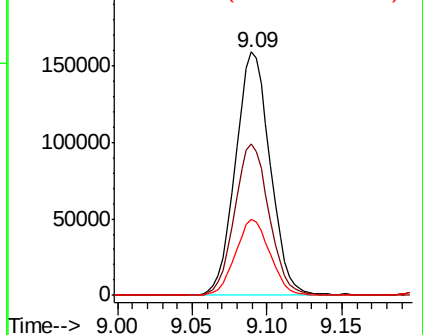
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 256858
Ion Ratio Lower Upper
117 100
82 62.0 48.6 73.0
119 31.2 25.8 38.8



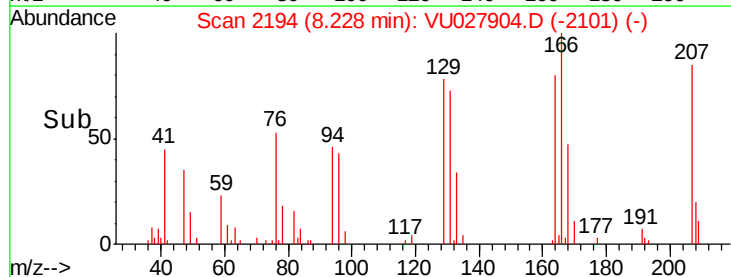
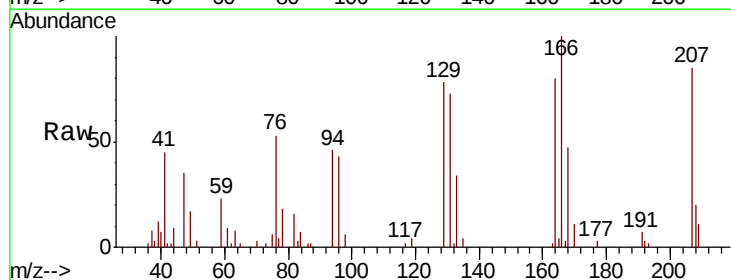
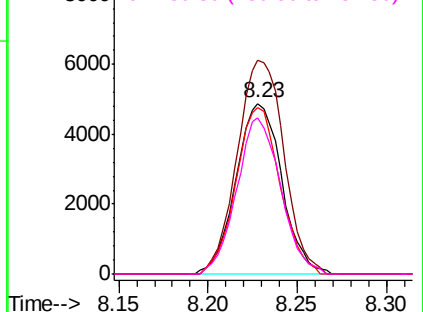
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

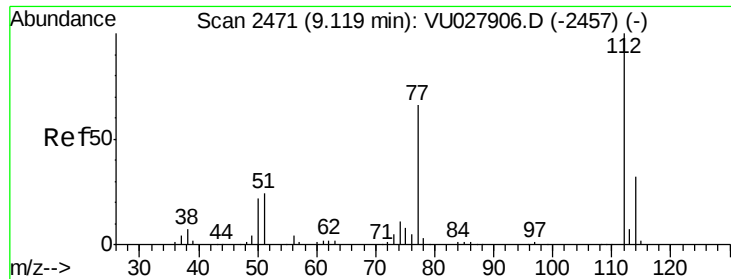


#64
Tetrachloroethene
Concen: 5.443 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion:164 Resp: 8702
Ion Ratio Lower Upper
164 100
166 125.4 102.1 153.1
129 97.7 75.9 113.9
131 91.8 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

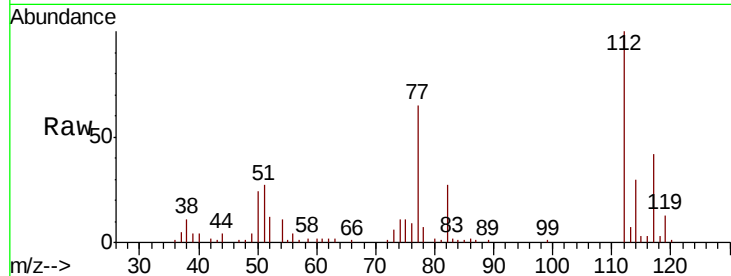




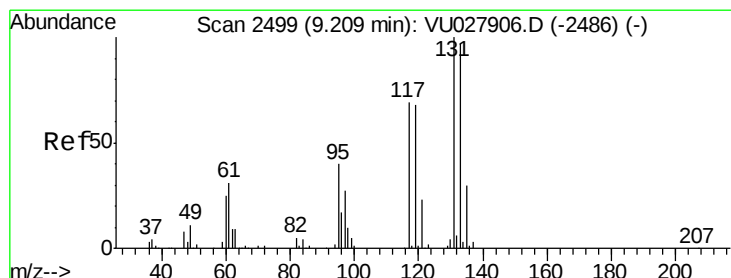
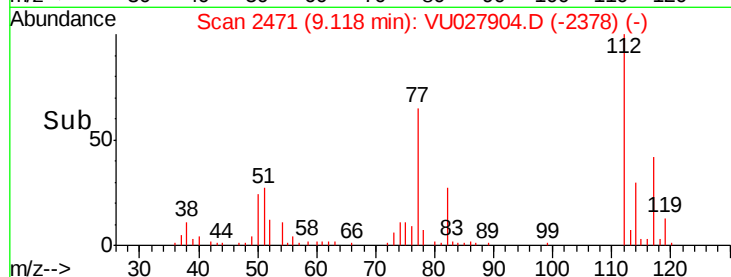
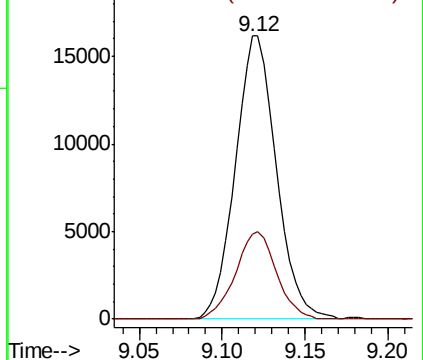
#65
Chlorobenzene
Concen: 5.118 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 27751
Ion Ratio Lower Upper
112 100
114 30.0 25.2 37.8

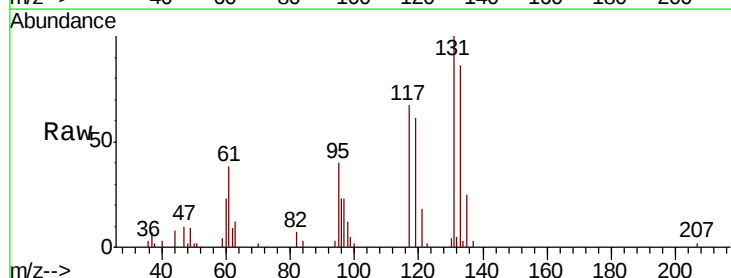


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

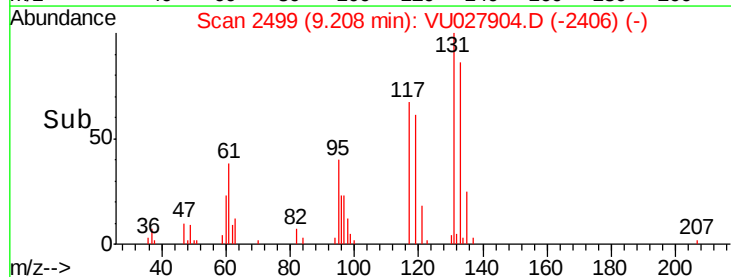
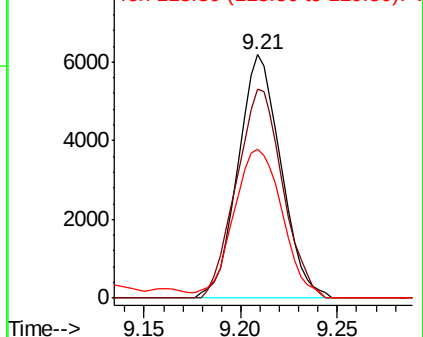


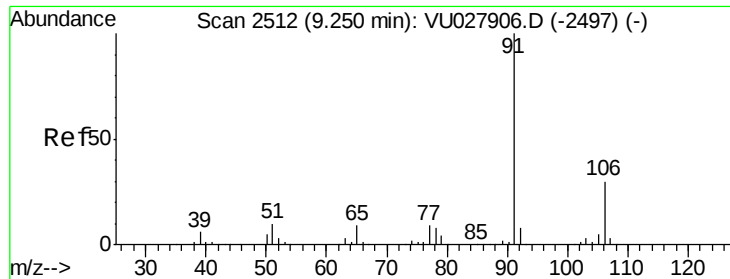
#66
1,1,1,2-Tetrachloroethane
Concen: 5.105 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion:131 Resp: 9535
Ion Ratio Lower Upper
131 100
133 92.4 48.1 144.4
119 69.7 34.0 101.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

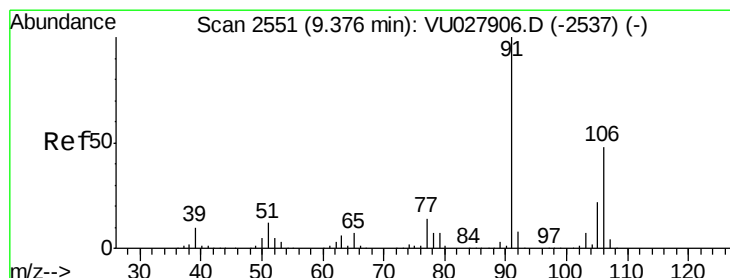
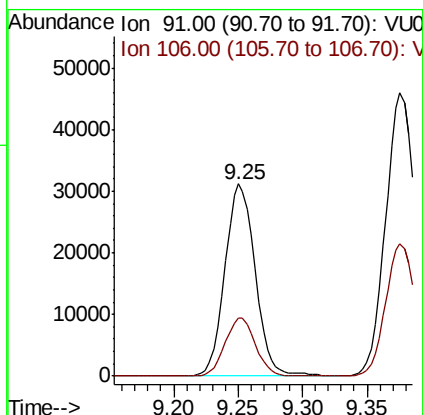
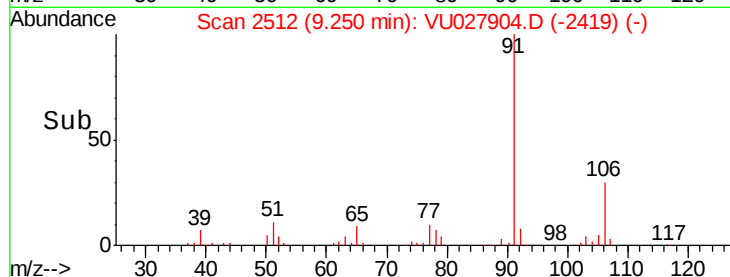
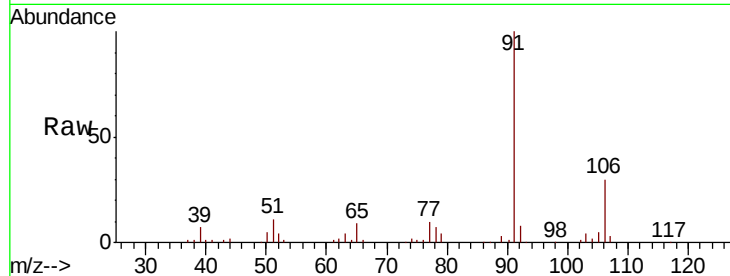




#67
Ethyl Benzene
Concen: 5.281 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

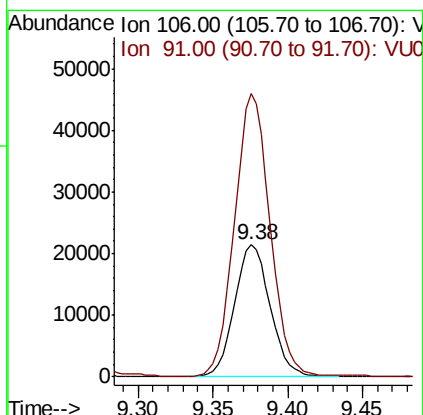
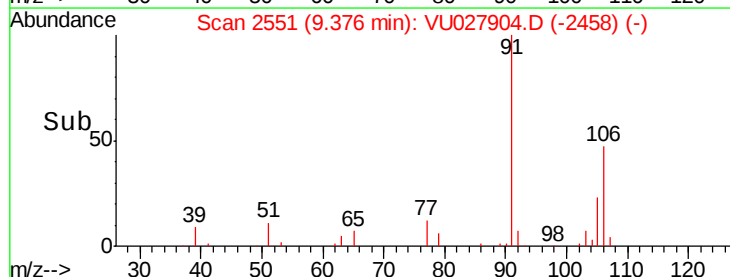
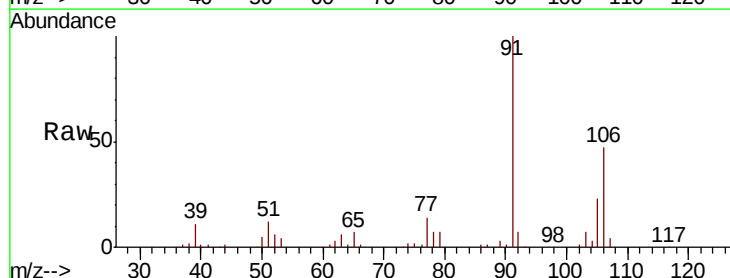
Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

Tgt Ion: 91 Resp: 50818
Ion Ratio Lower Upper
91 100
106 30.4 23.6 35.4



#68
m/p-Xylenes
Concen: 10.143 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion: 106 Resp: 35591
Ion Ratio Lower Upper
106 100
91 214.4 168.2 252.4

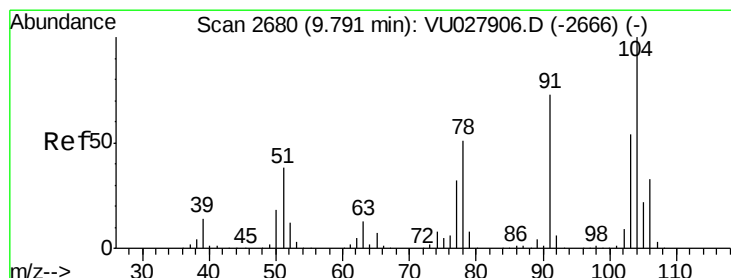
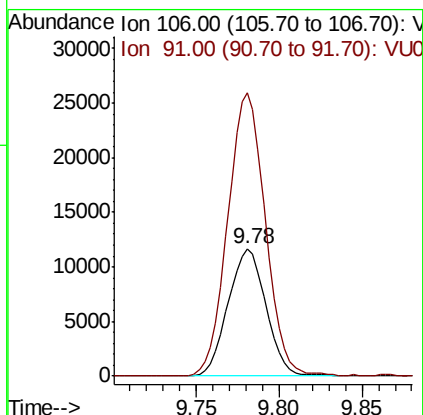
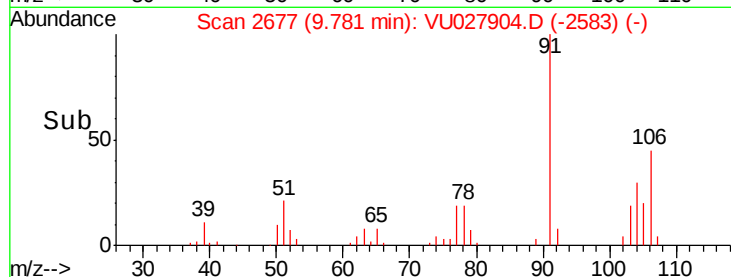
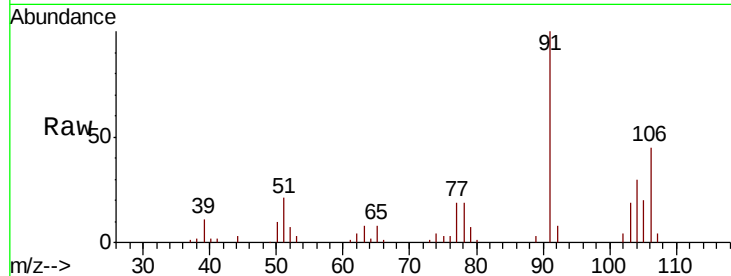




#69
o-Xylene
Concen: 5.525 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

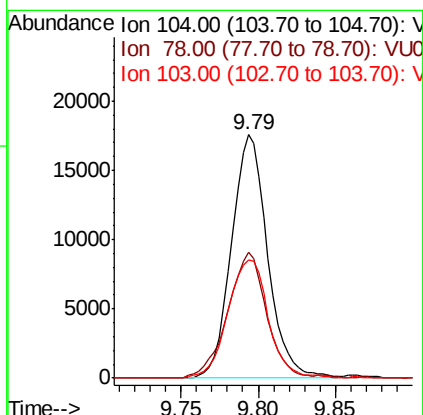
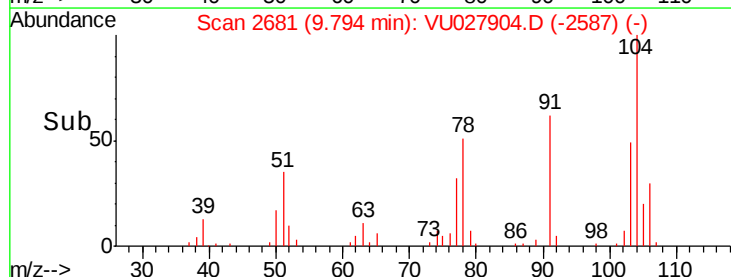
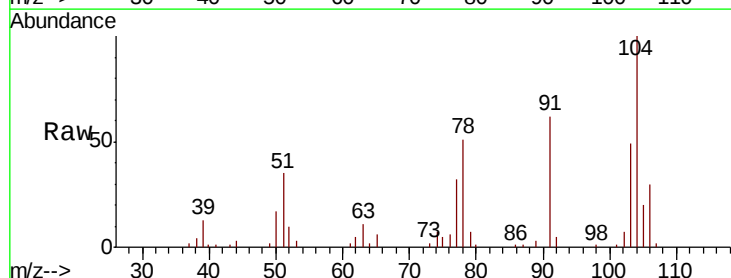
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 18507
Ion Ratio Lower Upper
106 100
91 220.5 111.1 333.4



#70
Styrene
Concen: 5.161 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion:104 Resp: 28408
Ion Ratio Lower Upper
104 100
78 55.4 43.0 64.4
103 54.6 45.1 67.7

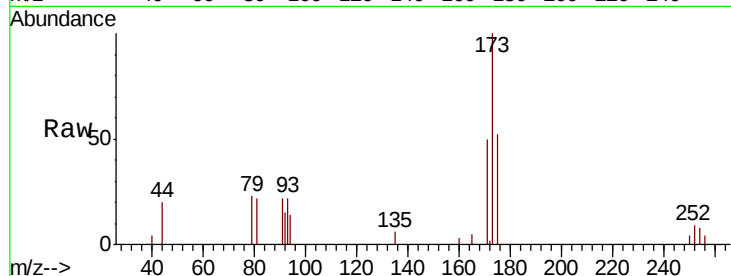




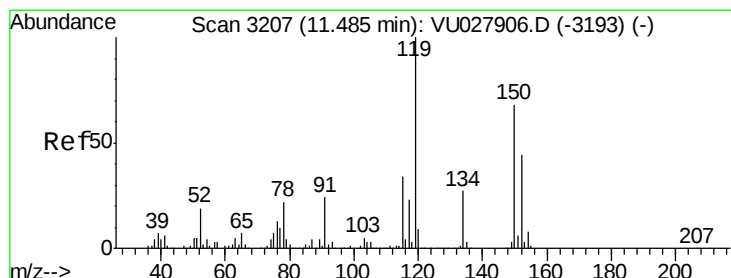
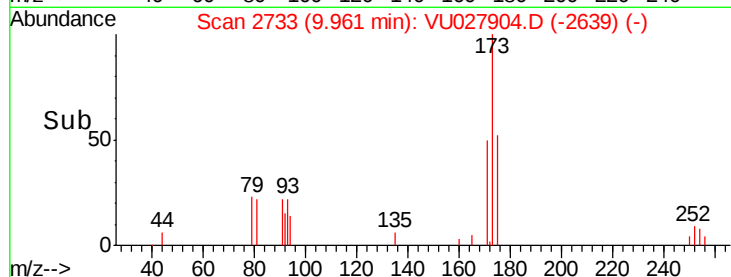
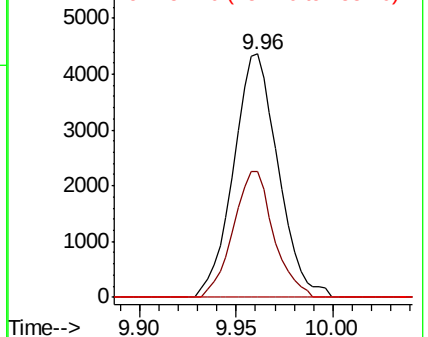
#71
Bromoform
Concen: 4.607 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 6995
Ion Ratio Lower Upper
173 100
175 46.7 24.3 72.8
254 0.0 0.0 0.0

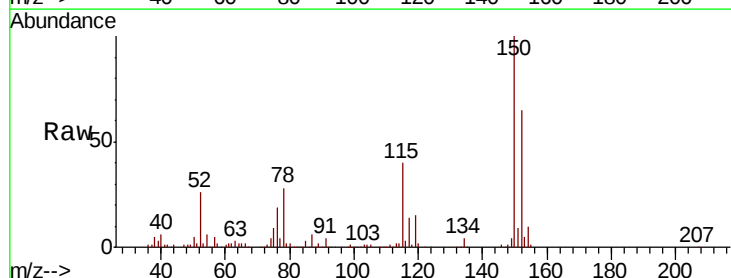


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

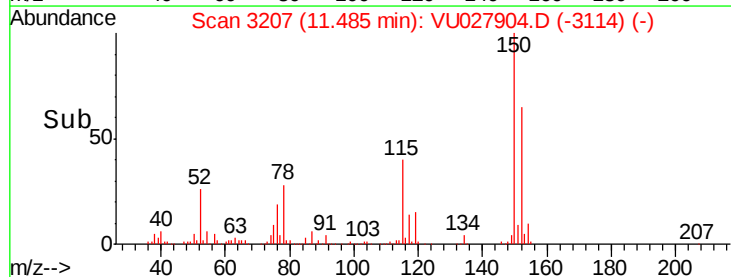
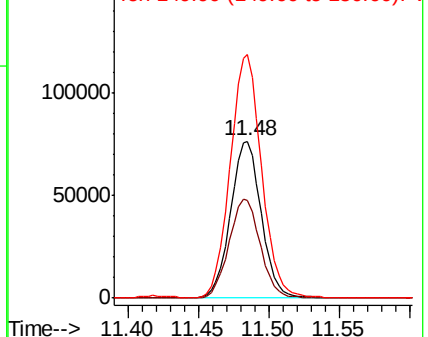


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion:152 Resp: 116619
Ion Ratio Lower Upper
152 100
115 64.1 43.0 129.0
150 158.1 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: 5.641 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

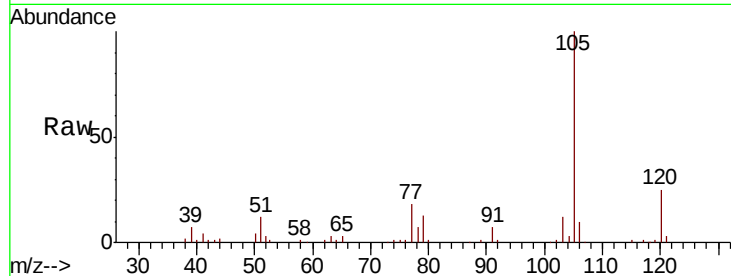
VSTDIC005

Tgt Ion: 105 Resp: 47831

Ion Ratio Lower Upper

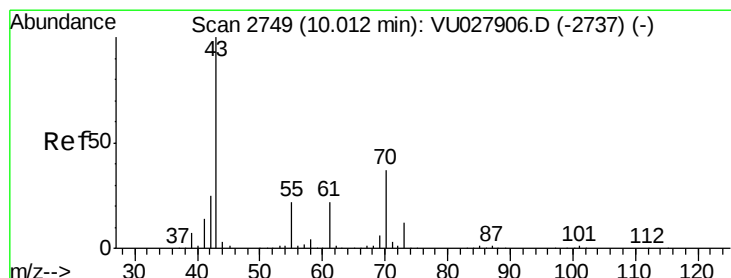
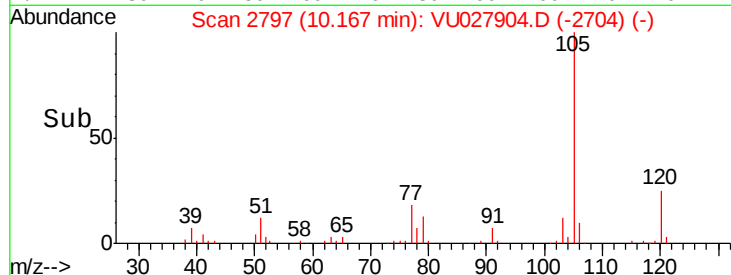
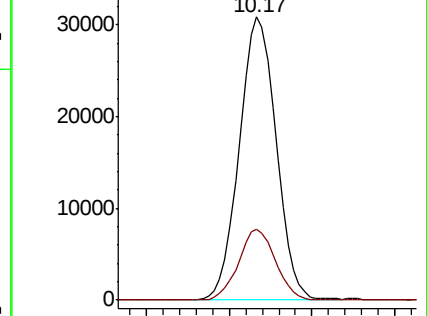
105 100

120 25.0 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.663 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Tgt Ion: 43 Resp: 28044

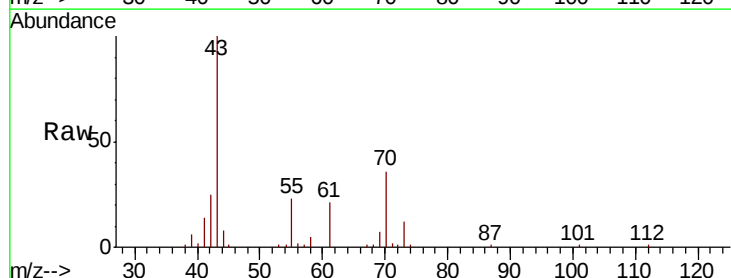
Ion Ratio Lower Upper

43 100

70 39.1 29.2 43.8

55 23.0 17.8 26.6

61 22.4 17.8 26.8

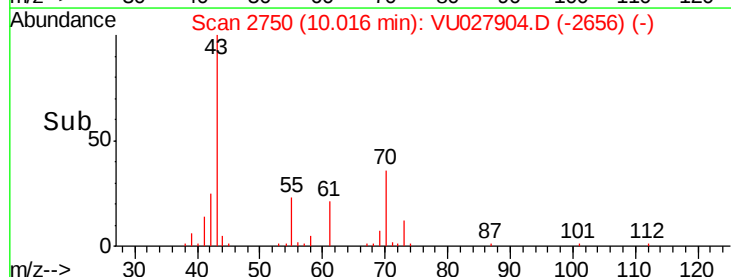
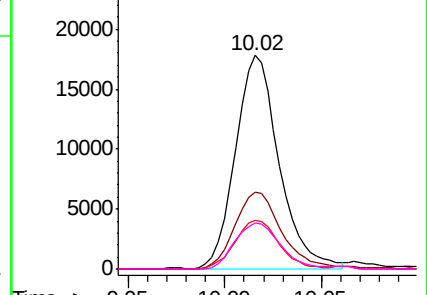


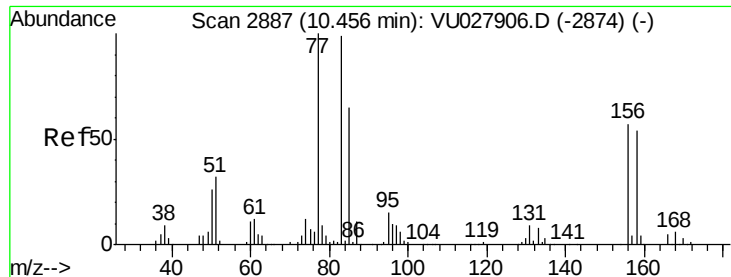
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 5.898 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

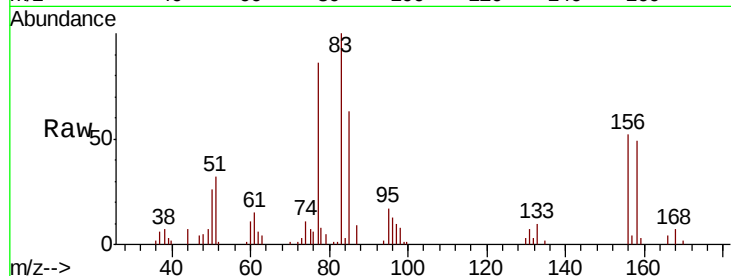
Tgt Ion: 83 Resp: 19937

Ion Ratio Lower Upper

83 100

131 8.3 4.3 13.1

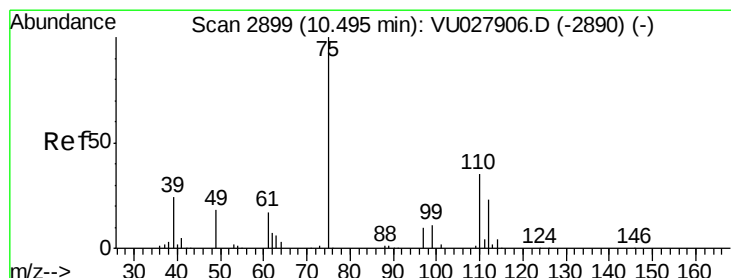
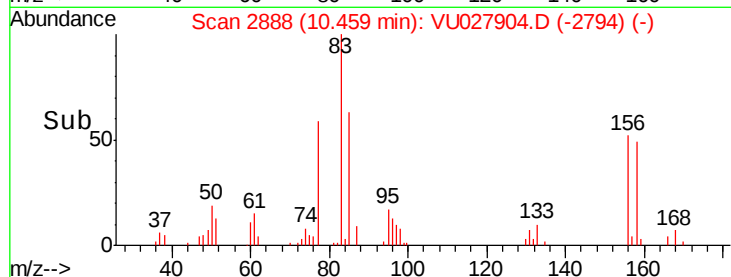
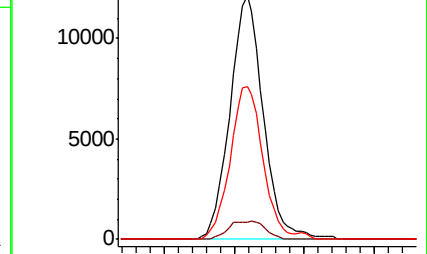
85 61.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027904.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027904.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027904.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 7.383 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027904.D

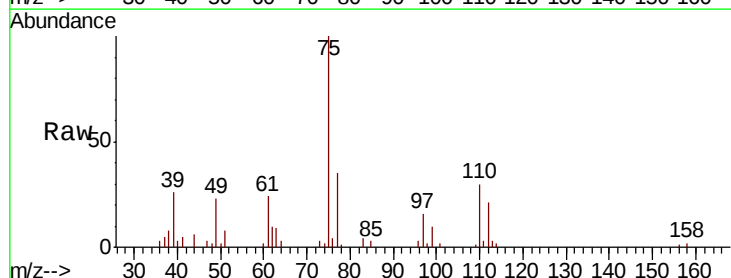
Acq: 01 Nov 2018 18:49

Tgt Ion: 75 Resp: 22322

Ion Ratio Lower Upper

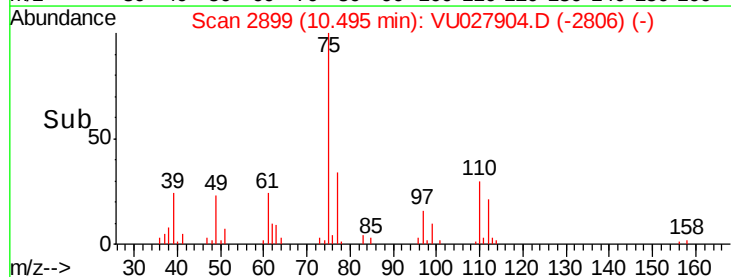
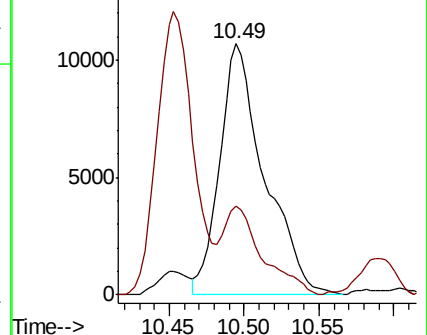
75 100

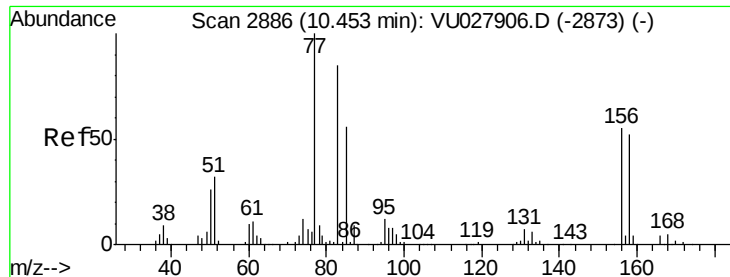
77 30.5 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027904.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027904.D (-2806) (-)





#77

Bromobenzene

Concen: 5.758 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

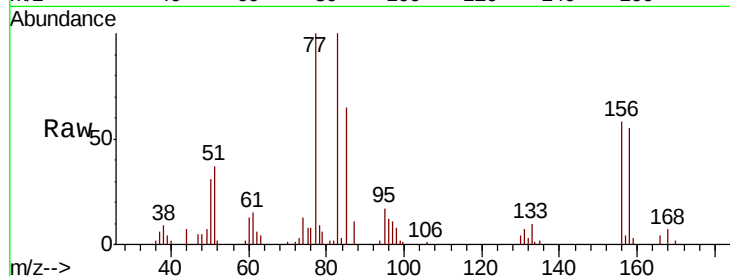
Tgt Ion:156 Resp: 11462

Ion Ratio Lower Upper

156 100

77 178.3 91.8 275.6

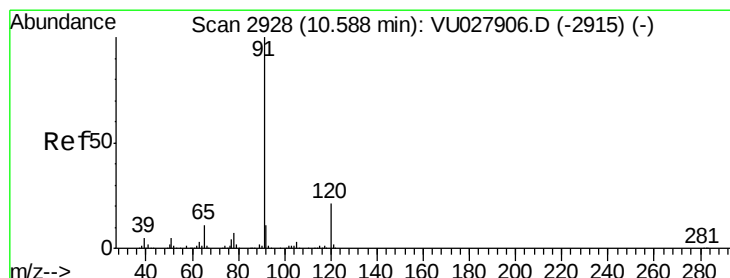
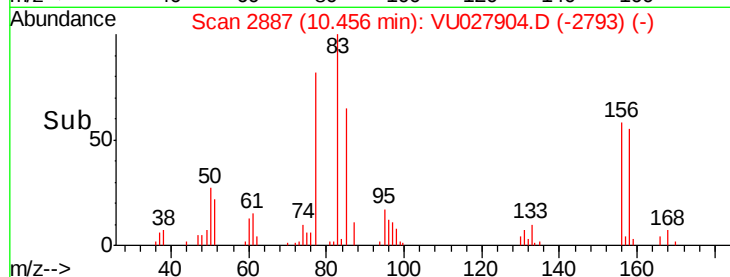
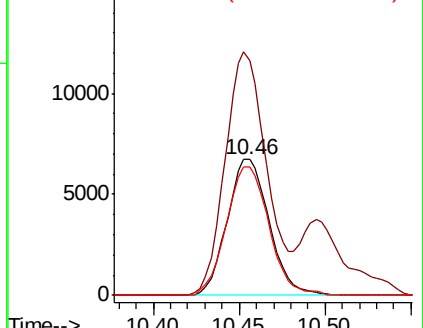
158 95.6 48.4 145.2



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: 5.476 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027904.D

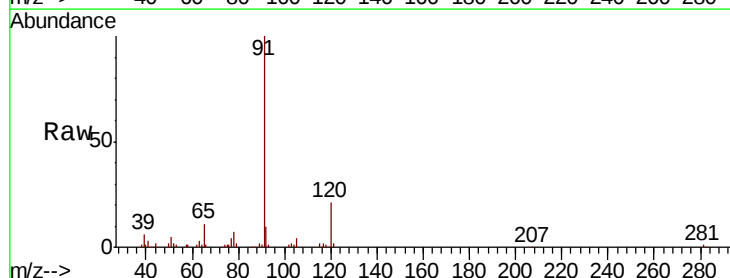
Acq: 01 Nov 2018 18:49

Tgt Ion: 91 Resp: 55854

Ion Ratio Lower Upper

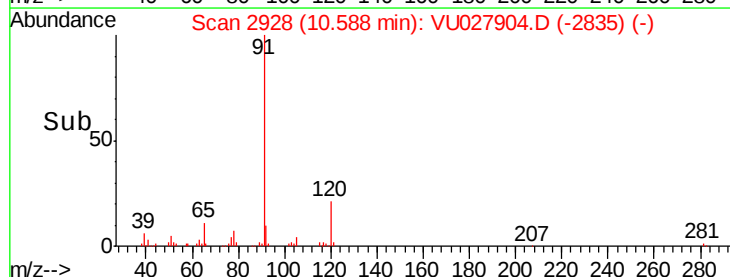
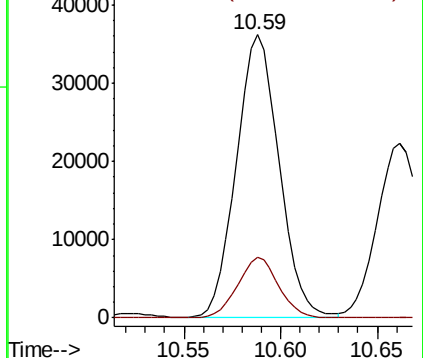
91 100

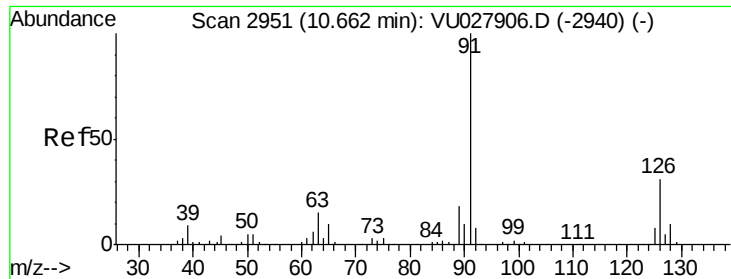
120 20.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

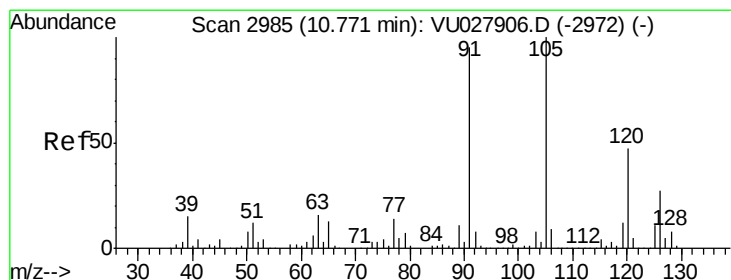
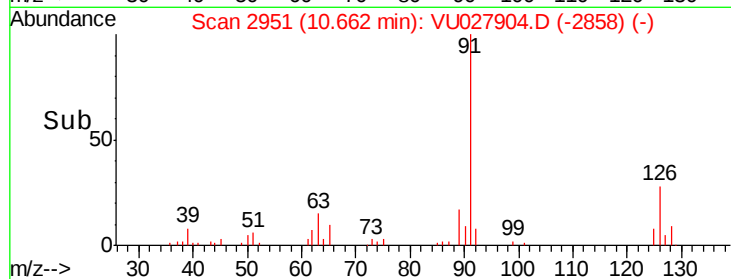
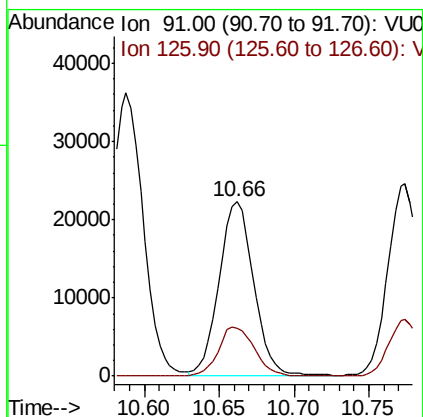
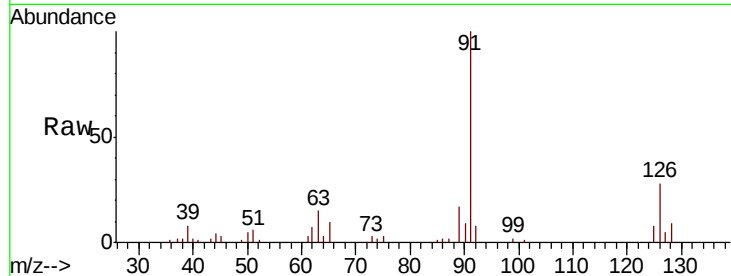




#79
 2-Chlorotoluene
 Concen: 5.894 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

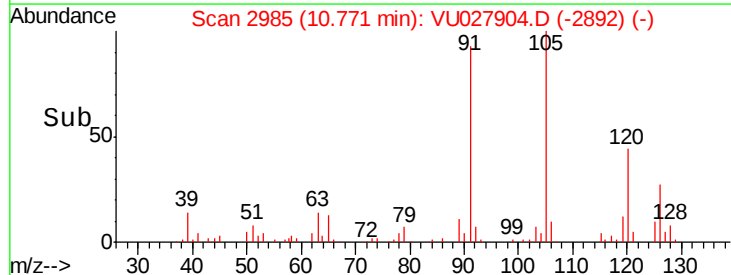
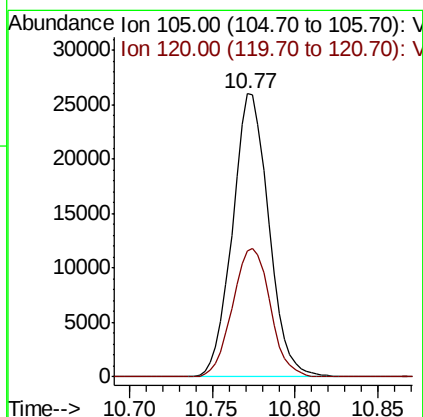
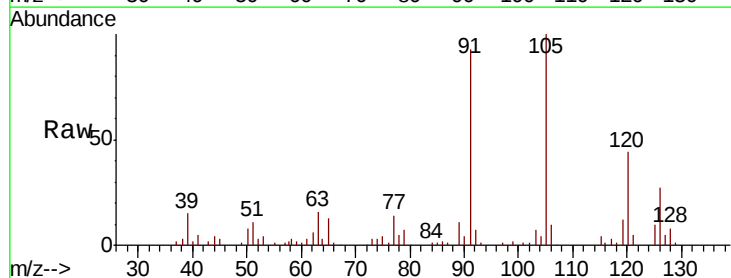
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

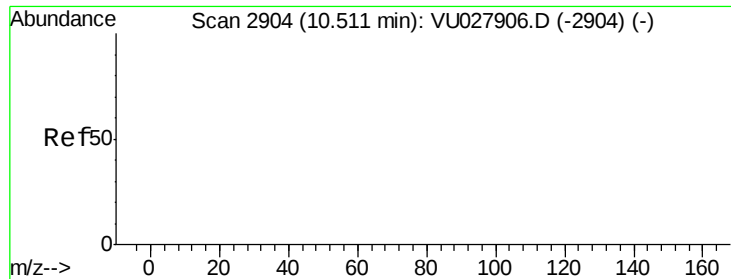
Tgt Ion: 91 Resp: 36300
 Ion Ratio Lower Upper
 91 100
 126 28.9 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 5.704 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 105 Resp: 39630
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.077 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

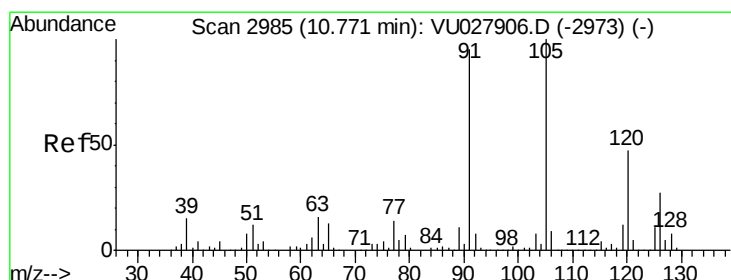
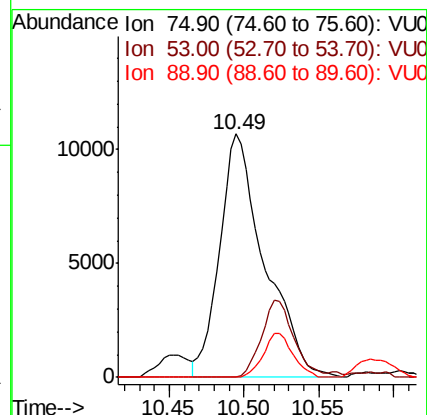
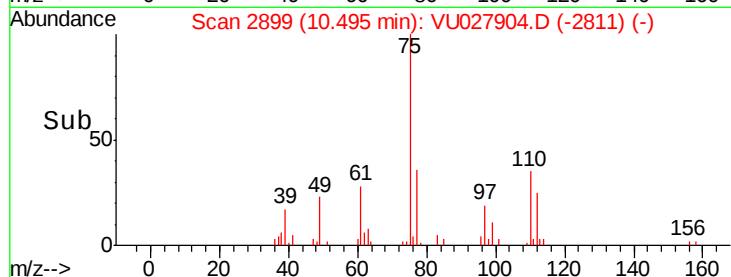
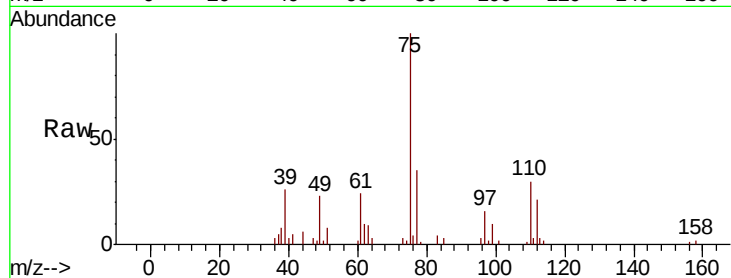
Tgt Ion: 75 Resp: 22322

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 5.569 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027904.D

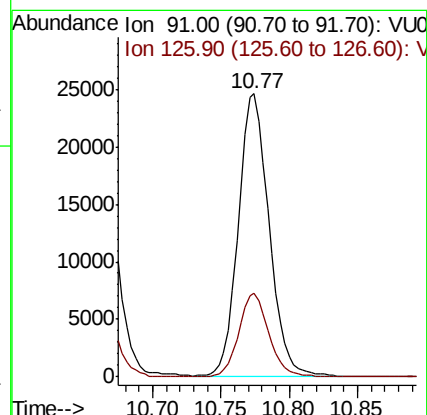
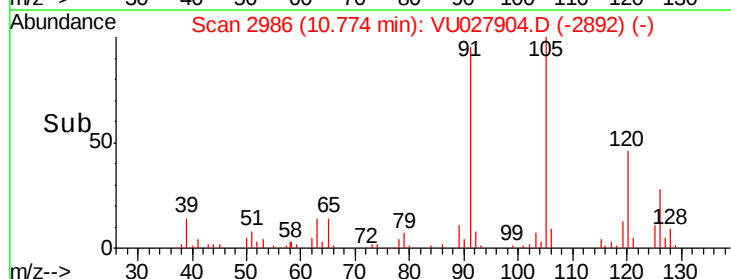
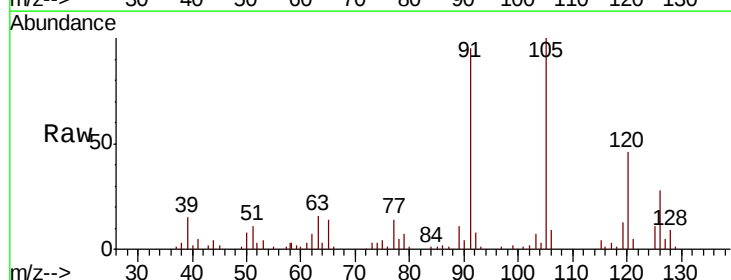
Acq: 01 Nov 2018 18:49

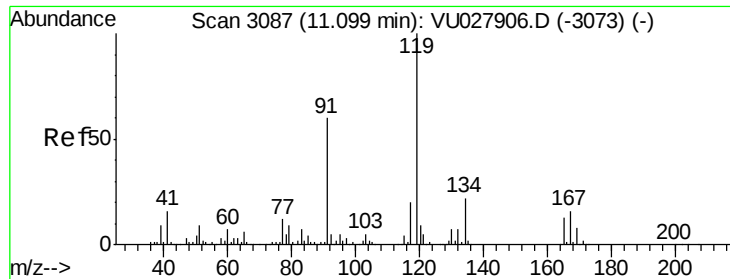
Tgt Ion: 91 Resp: 38814

Ion Ratio Lower Upper

91 100

126 28.5 14.2 42.6

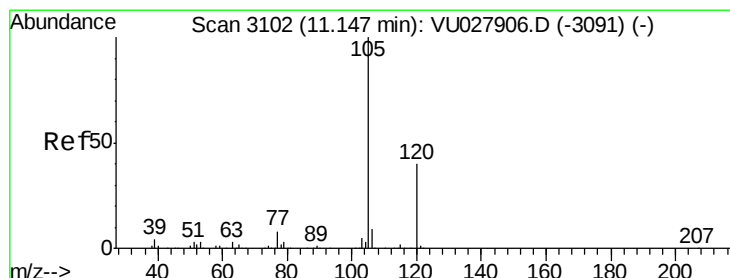
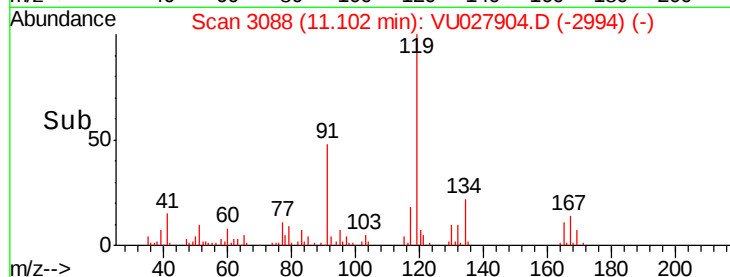
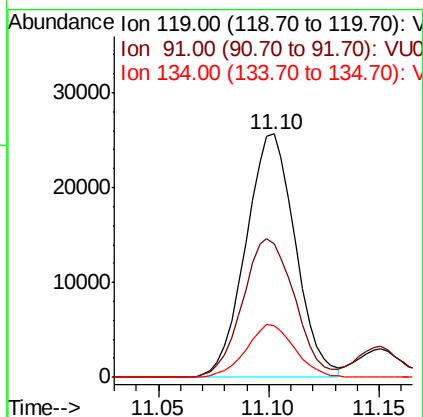
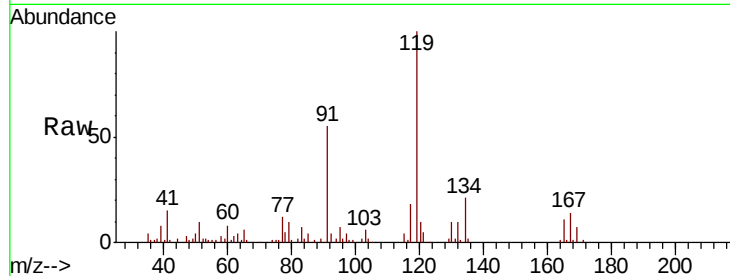




#83
 tert-Butylbenzene
 Concen: 5.935 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

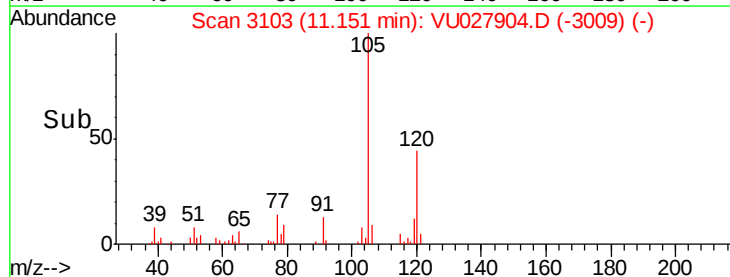
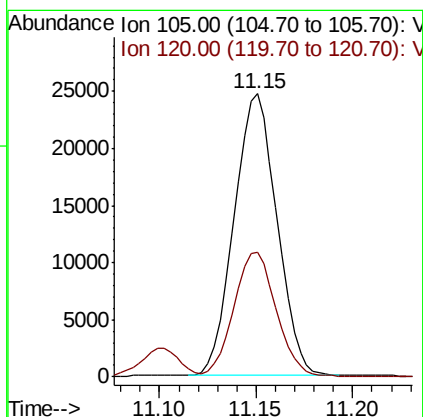
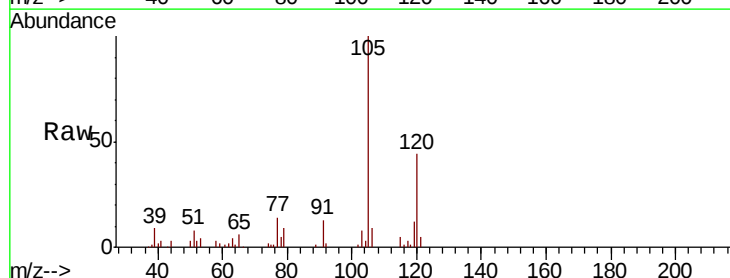
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

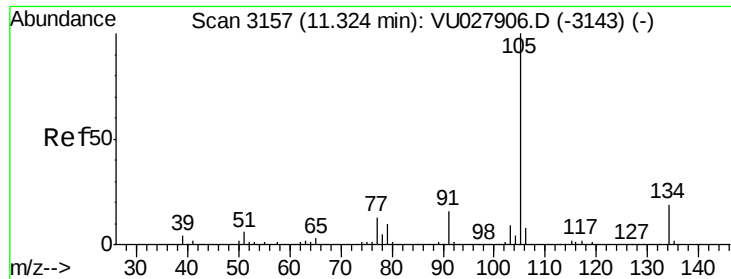
Tgt Ion:119 Resp: 39856
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.8 89.3
 134 21.4 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.372 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion:105 Resp: 37981
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.1

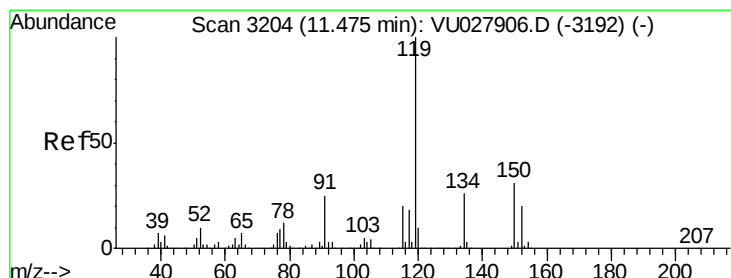
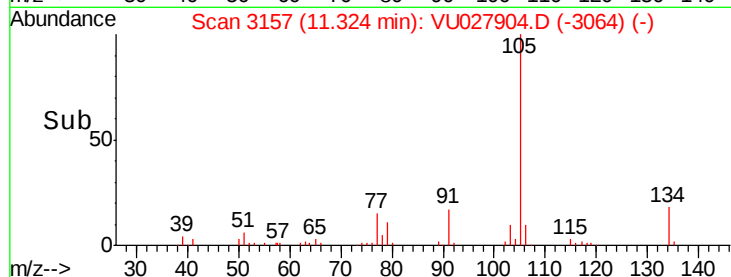
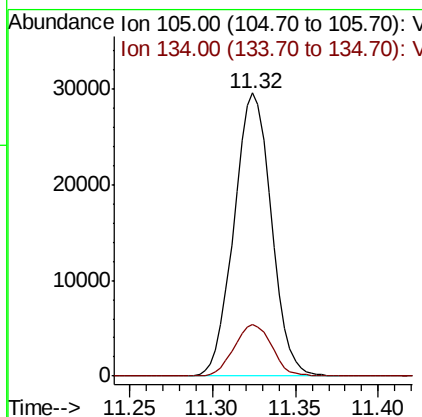
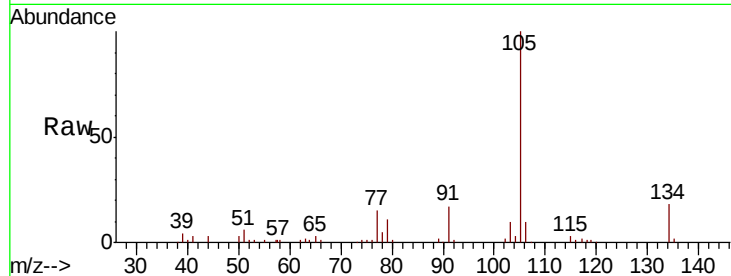




#85
 sec-Butylbenzene
 Concen: 5.487 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

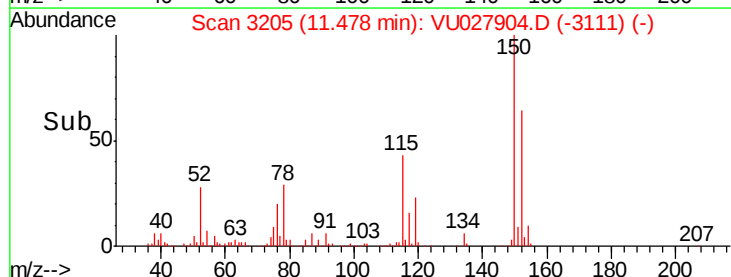
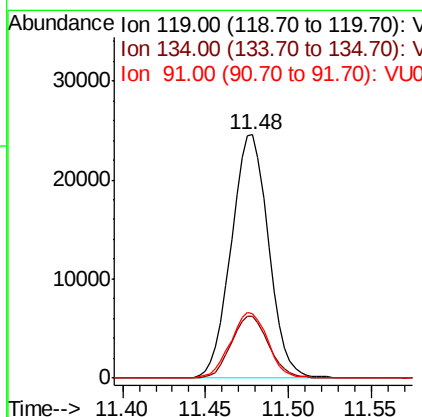
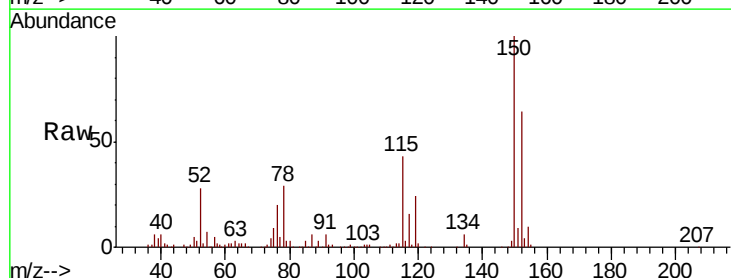
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 46370
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 5.341 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion:119 Resp: 38447
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 26.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.301 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

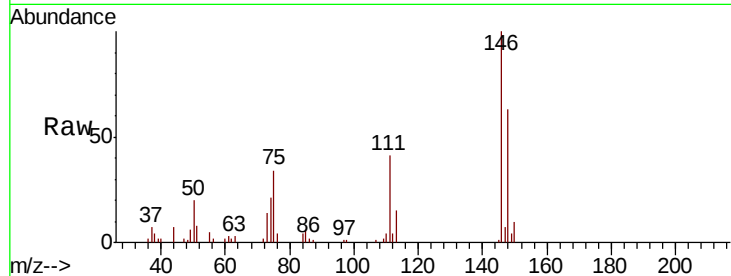
Tgt Ion:146 Resp: 19838

Ion Ratio Lower Upper

146 100

111 39.8 20.3 61.0

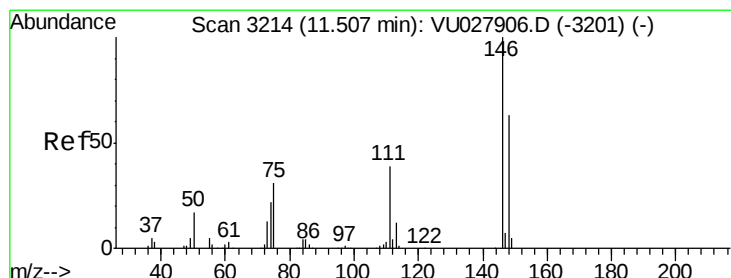
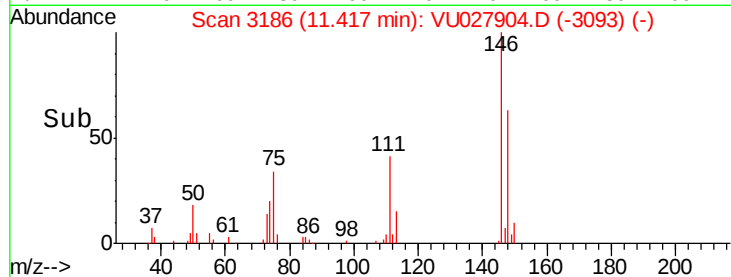
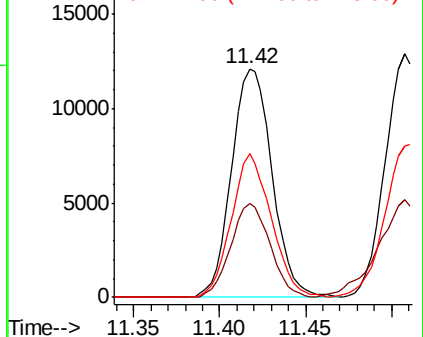
148 61.7 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 5.407 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027904.D

Acq: 01 Nov 2018 18:49

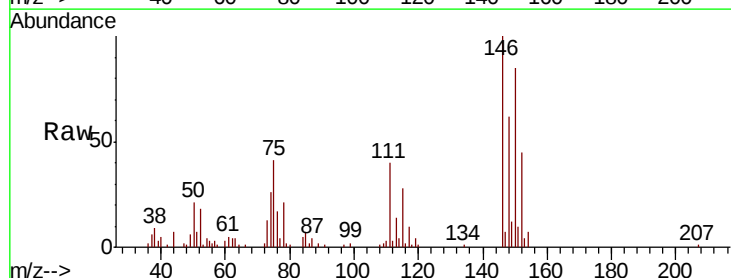
Tgt Ion:146 Resp: 20661

Ion Ratio Lower Upper

146 100

111 45.6 20.3 60.9

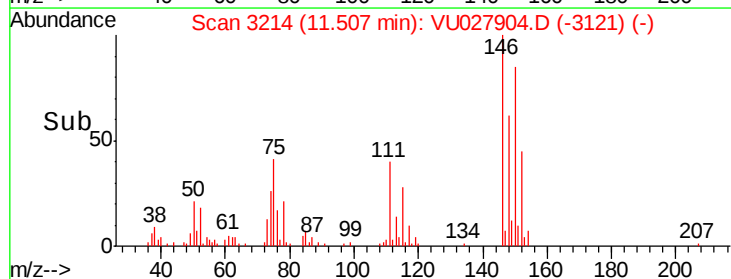
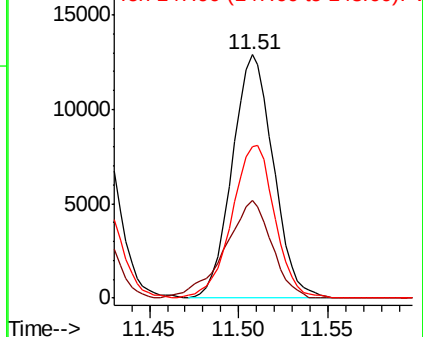
148 65.6 32.0 96.2

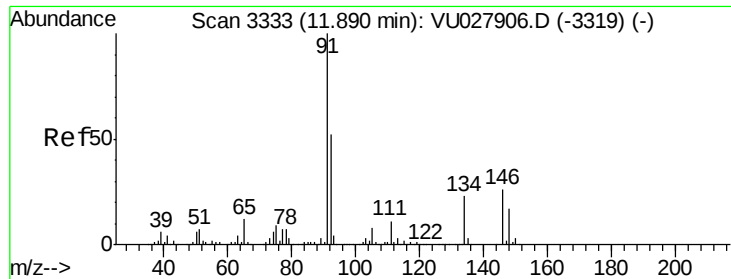


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

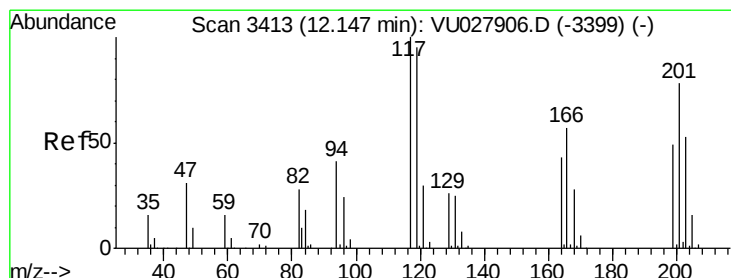
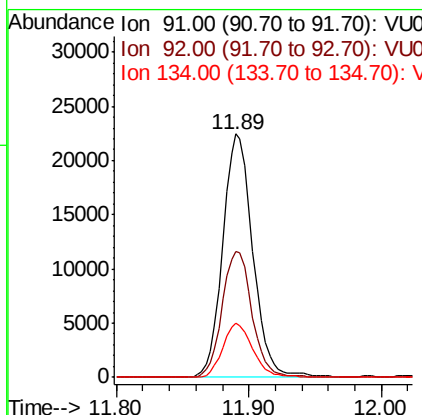
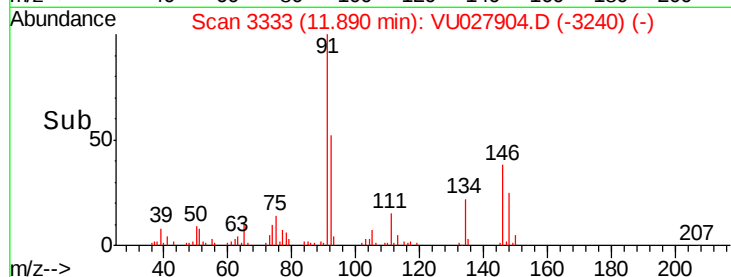
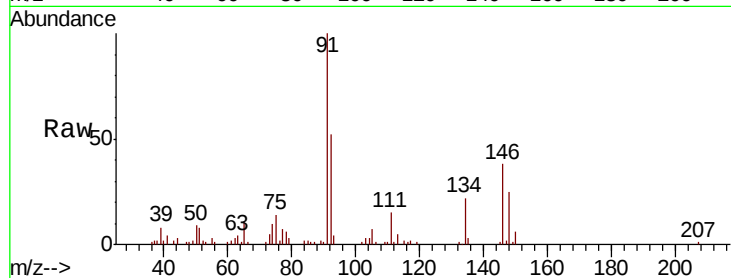




#89
n-Butylbenzene
Concen: 5.211 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

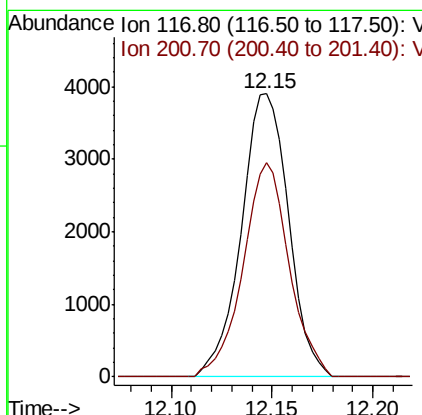
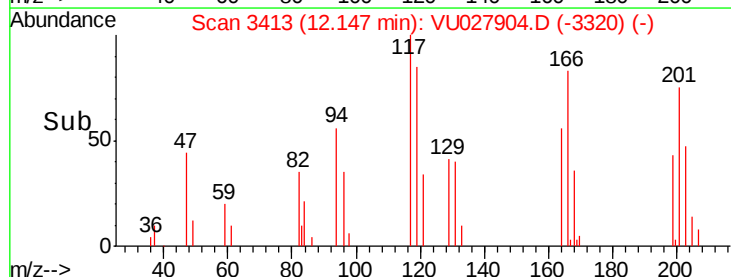
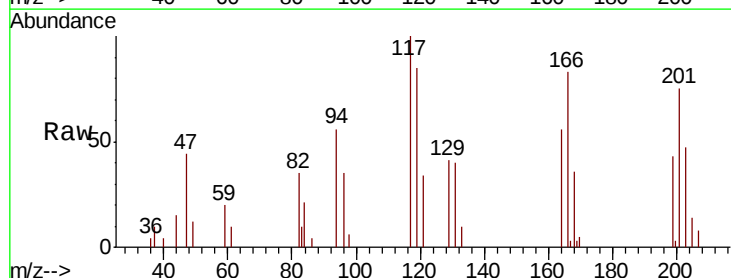
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

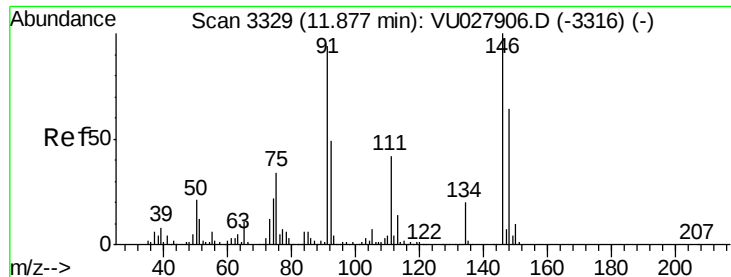
Tgt Ion: 91 Resp: 35211
Ion Ratio Lower Upper
91 100
92 51.4 26.2 78.5
134 22.2 11.5 34.5



#90
Hexachloroethane
Concen: 4.726 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion: 117 Resp: 6396
Ion Ratio Lower Upper
117 100
201 73.8 38.5 115.5

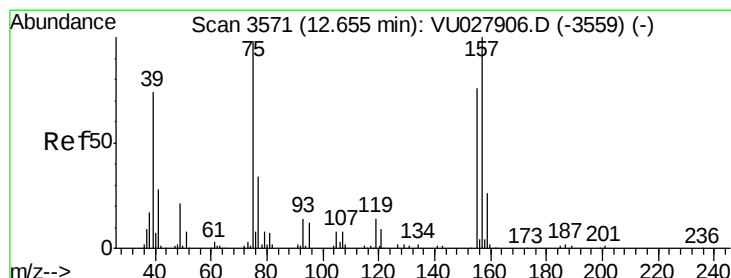
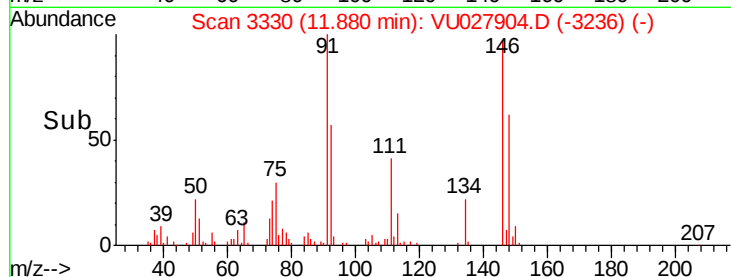
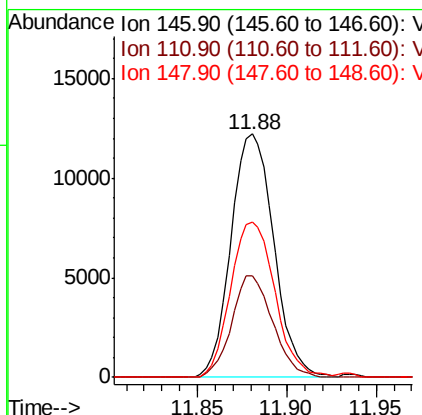
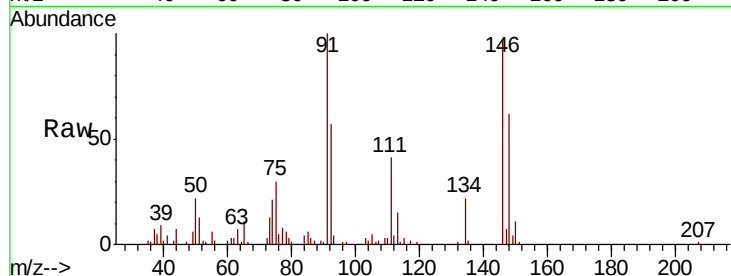




#91
 1,2-Dichlorobenzene
 Concen: 5.576 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

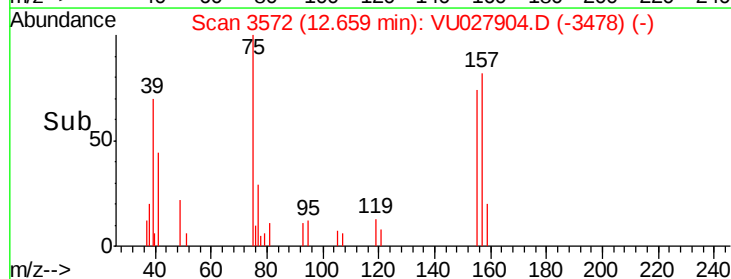
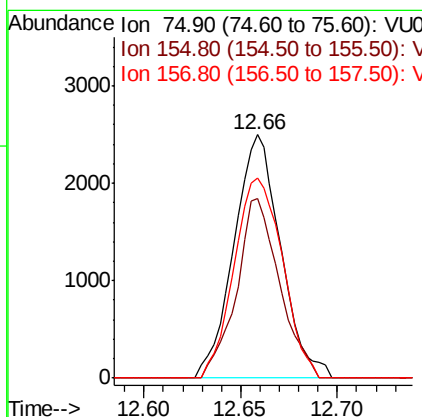
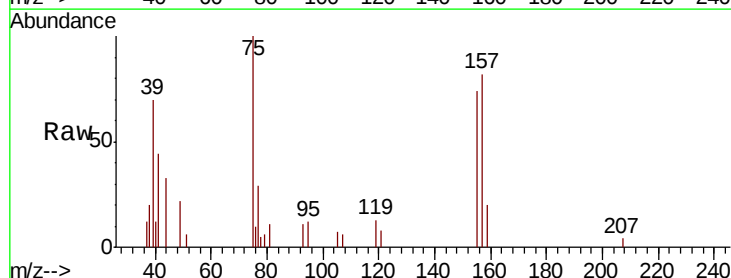
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

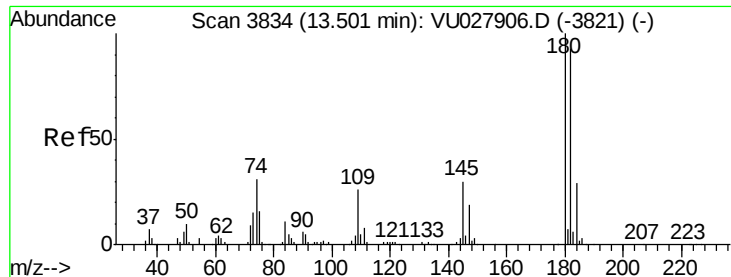
Tgt Ion:146 Resp: 20421
 Ion Ratio Lower Upper
 146 100
 111 39.9 21.3 64.0
 148 65.6 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.643 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion: 75 Resp: 4191
 Ion Ratio Lower Upper
 75 100
 155 68.1 39.8 119.3
 157 84.9 50.6 151.9

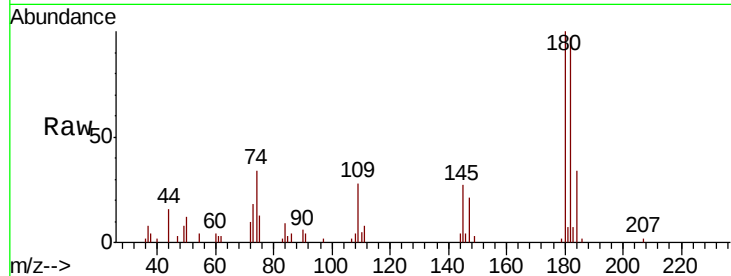




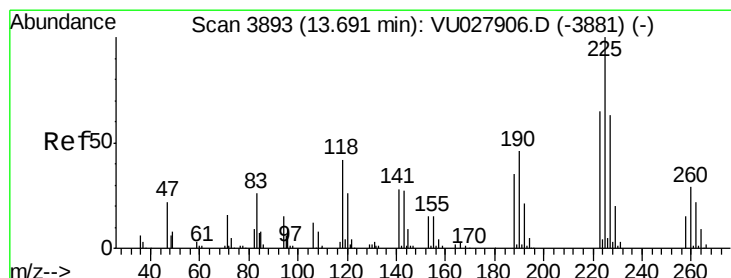
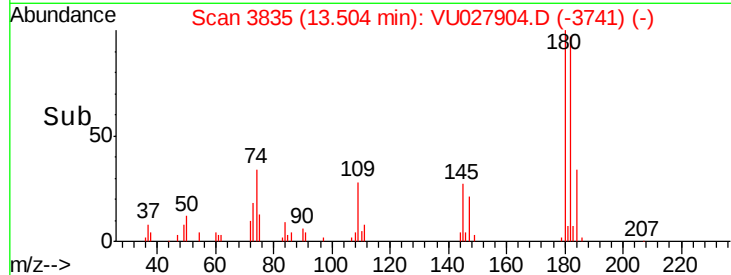
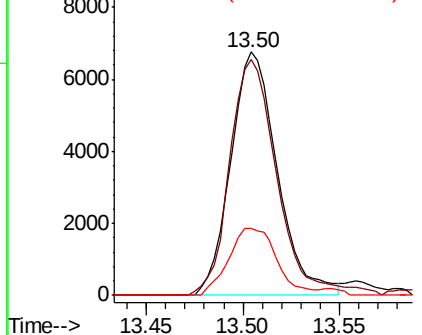
#93
 1,2,4-Trichlorobenzene
 Concen: 4.784 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 11351
 Ion Ratio Lower Upper
 180 100
 182 98.3 48.4 145.2
 145 28.6 14.9 44.5

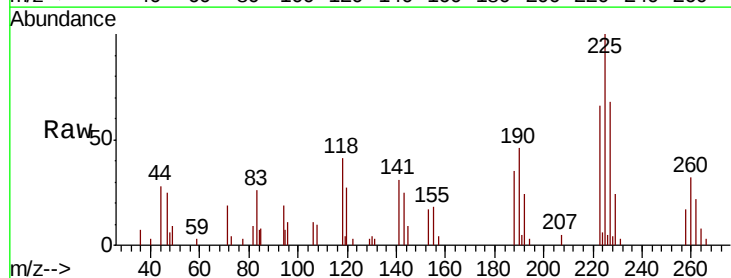


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

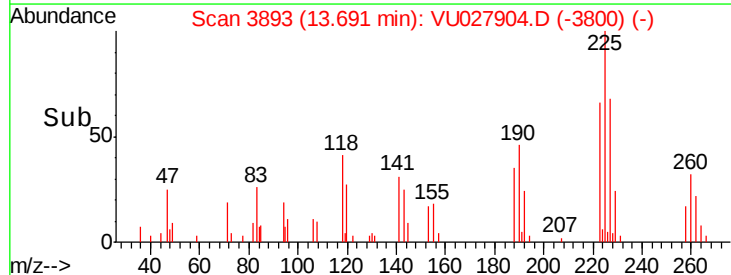
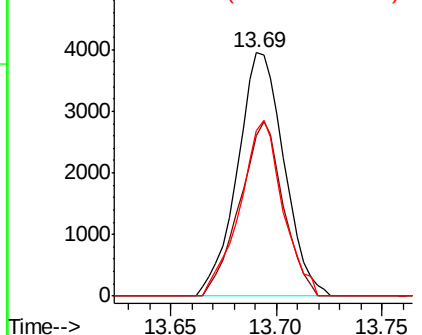


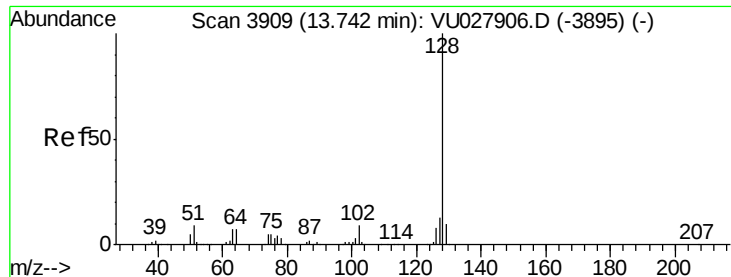
#94
 Hexachlorobutadiene
 Concen: 5.101 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027904.D
 Acq: 01 Nov 2018 18:49

Tgt Ion:225 Resp: 6078
 Ion Ratio Lower Upper
 225 100
 223 66.4 32.2 96.6
 227 66.2 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

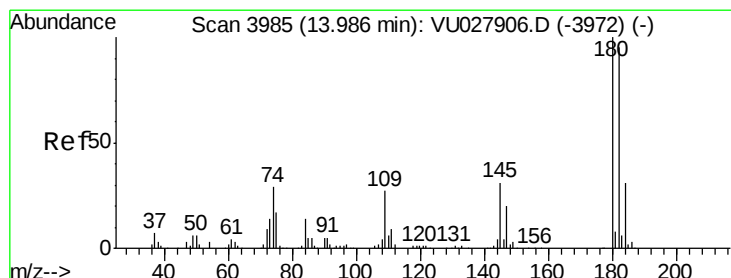
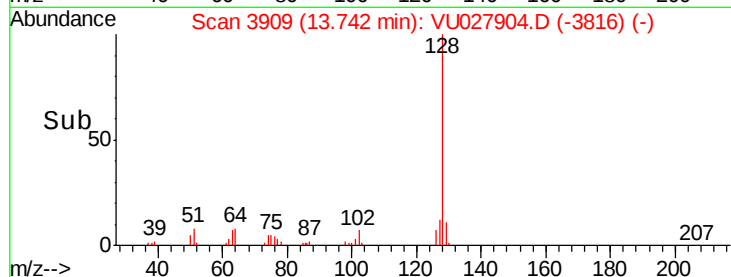
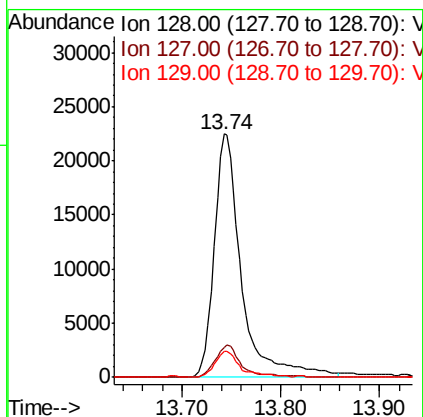
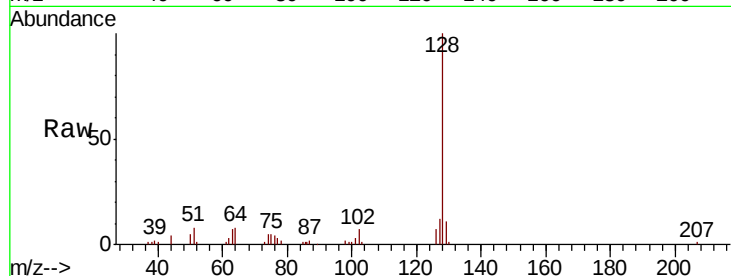




#95
Naphthalene
Concen: 5.358 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 43320
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.3 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 4.886 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027904.D
Acq: 01 Nov 2018 18:49

Tgt Ion:180 Resp: 12126
Ion Ratio Lower Upper
180 100
182 101.7 47.4 142.3
145 31.4 16.0 47.9

