

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110218\
 Data File : VU027906.D
 Acq On : 01 Nov 2018 19:35
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 02 01:52:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 01:48:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	171891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298572	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	140104	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	127763	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	4.88	113	93257	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
50) Toluene-d8	7.57	98	364435	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	10.31	95	133685	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	125116	51.594	ug/l 100
3) Chloromethane	1.33	50	142896	44.136	ug/l 100
4) Vinyl Chloride	1.40	62	141749	46.243	ug/l 100
5) Bromomethane	1.61	94	54271	41.091	ug/l 100
6) Chloroethane	1.69	64	80963	43.803	ug/l 100
7) Trichlorofluoromethane	1.88	101	164484	51.629	ug/l 100
8) Diethyl Ether	2.11	74	68556	47.349	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98112	52.868	ug/l 100
10) Methyl Iodide	2.41	142	77579	56.803	ug/l 100
11) Tert butyl alcohol	2.83	59	178113	284.561	ug/l 100
12) 1,1-Dichloroethene	2.28	96	95370	52.585	ug/l 100
13) Acrolein	2.20	56	61464	134.739	ug/l 100
14) Allyl chloride	2.59	41	226470	52.620	ug/l 100
15) Acrylonitrile	2.94	53	457992	286.148	ug/l 100
16) Acetone	2.32	43	401838	240.169	ug/l 100
17) Carbon Disulfide	2.48	76	316072	48.767	ug/l 100
18) Methyl Acetate	2.62	43	224790	56.712	ug/l 100
19) Methyl tert-butyl Ether	3.00	73	388558	53.261	ug/l 100
20) Methylene Chloride	2.70	84	123254	52.025	ug/l 100
21) trans-1,2-Dichloroethene	2.98	96	110137	53.669	ug/l 100
22) Diisopropyl ether	3.58	45	488520	55.311	ug/l 100
23) Vinyl Acetate	3.53	43	2166848	281.077	ug/l 100
24) 1,1-Dichloroethane	3.45	63	239234	53.100	ug/l 100
25) 2-Butanone	4.26	43	691257	293.340	ug/l 100
26) 2,2-Dichloropropane	4.23	77	174373	47.812	ug/l 100
27) cis-1,2-Dichloroethene	4.23	96	129148	54.839	ug/l 100
28) Bromochloromethane	4.55	49	107444	50.228	ug/l 100
29) Tetrahydrofuran	4.64	42	451173	301.306	ug/l 100
30) Chloroform	4.67	83	217416	54.082	ug/l 100
31) Cyclohexane	5.00	56	231300	44.004	ug/l 100
32) 1,1,1-Trichloroethane	4.92	97	179882	53.335	ug/l 100
36) 1,1-Dichloropropene	5.14	75	163452	50.739	ug/l 100
37) Ethyl Acetate	4.38	43	243023	56.910	ug/l 100
38) Carbon Tetrachloride	5.14	117	148023	50.898	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	199076	52.719	ug/l	100
40) Benzene	5.39	78	516798	54.331	ug/l	100
41) Methacrylonitrile	4.54	41	138937	57.710	ug/l	100
42) 1,2-Dichloroethane	5.40	62	181579	52.040	ug/l	100
43) Isopropyl Acetate	5.55	43	388401	58.743	ug/l	100
44) Trichloroethene	6.19	130	109952	52.285	ug/l	100
45) 1,2-Dichloropropane	6.43	63	148979	54.517	ug/l	100
46) Dibromomethane	6.56	93	85094	55.106	ug/l	100
47) Bromodichloromethane	6.76	83	167941	52.834	ug/l	100
48) Methyl methacrylate	6.62	41	195831	59.505	ug/l	100
49) 1,4-Dioxane	6.61	88	63795	1136.757	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	1299797	300.691	ug/l	100
52) Toluene	7.64	92	301795	53.895	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	196166	52.725	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	212771	53.152	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	120240	54.152	ug/l	100
56) Ethyl methacrylate	8.02	69	225416	60.469	ug/l	100
57) 1,3-Dichloropropane	8.24	76	224911	52.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	556679	272.756	ug/l	100
59) 2-Hexanone	8.36	43	1022176	304.194	ug/l	100
60) Dibromochloromethane	8.48	129	121437	54.437	ug/l	100
61) 1,2-Dibromoethane	8.59	107	134619	56.452	ug/l	100
64) Tetrachloroethene	8.23	164	92303	52.660	ug/l	100
65) Chlorobenzene	9.12	112	311040	52.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	108807	53.131	ug/l	100
67) Ethyl Benzene	9.25	91	579781	54.955	ug/l	100
68) m/p-Xylenes	9.38	106	422473	109.820	ug/l	100
69) o-Xylene	9.78	106	209129	56.942	ug/l	100
70) Styrene	9.79	104	348309	57.723	ug/l	100
71) Bromoform	9.96	173	92453	55.536	ug/l #	100
73) Isopropylbenzene	10.17	105	559687	54.940	ug/l	100
74) N-amyl acetate	10.01	43	354801	59.639	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	225749	55.588	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	266134	73.265	ug/l	81
77) Bromobenzene	10.45	156	132762	55.517	ug/l	100
78) n-propylbenzene	10.59	91	684014	55.818	ug/l	100
79) 2-Chlorotoluene	10.66	91	397732	53.750	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	475795	57.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	266134	189.315	ug/l #	100
82) 4-Chlorotoluene	10.77	91	455188	54.366	ug/l	100
83) tert-Butylbenzene	11.10	119	459927	57.009	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	480875	56.609	ug/l	100
85) sec-Butylbenzene	11.32	105	581490	57.272	ug/l	100
86) p-Isopropyltoluene	11.48	119	486219	56.221	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	239585	53.291	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	241214	52.543	ug/l	100
89) n-Butylbenzene	11.89	91	477245	58.786	ug/l	100
90) Hexachloroethane	12.15	117	86053	52.931	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	243368	55.317	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50060	56.101	ug/l	100

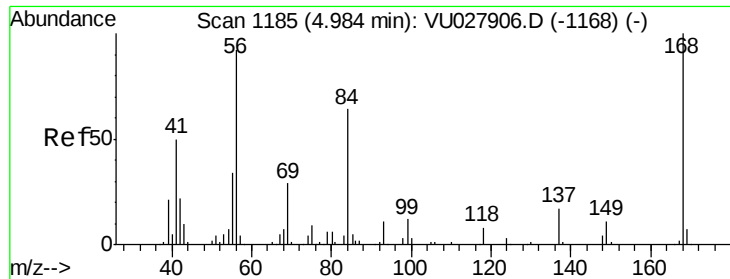
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	165702	58.136	ug/l	100
94) Hexachlorobutadiene	13.69	225	77646	54.237	ug/l	100
95) Naphthalene	13.74	128	610482	62.847	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	174619	58.564	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

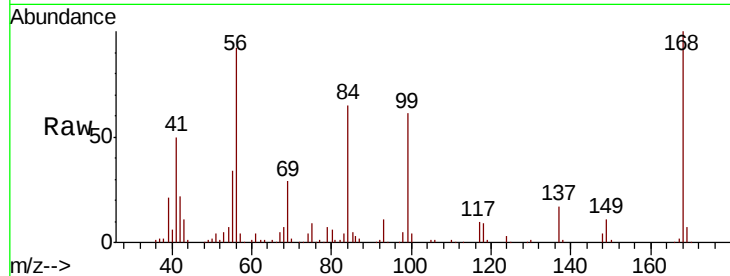
VSTDICCC050

Tgt Ion:168 Resp: 171891

Ion Ratio Lower Upper

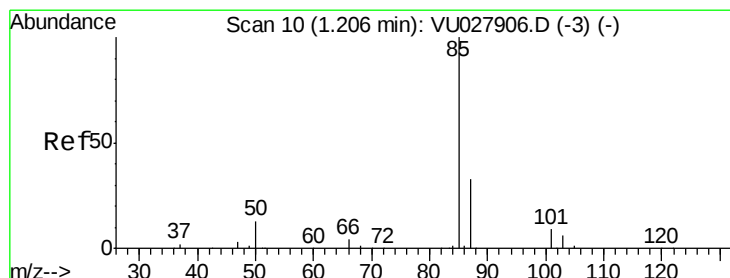
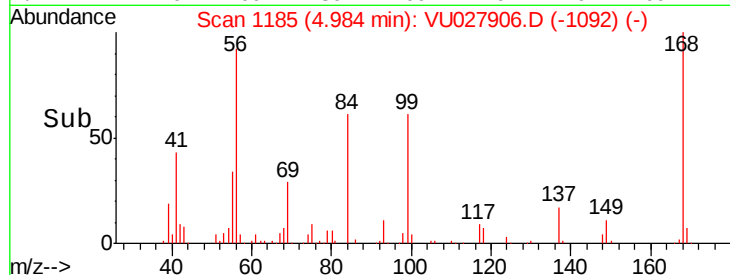
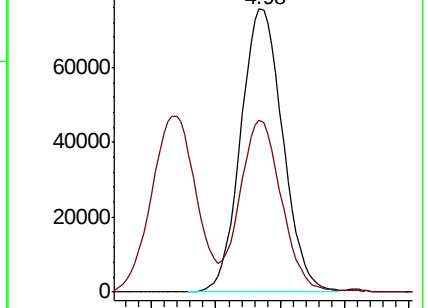
168 100

99 59.9 47.9 71.9



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

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



#2

Dichlorodifluoromethane

Concen: 51.594 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027906.D

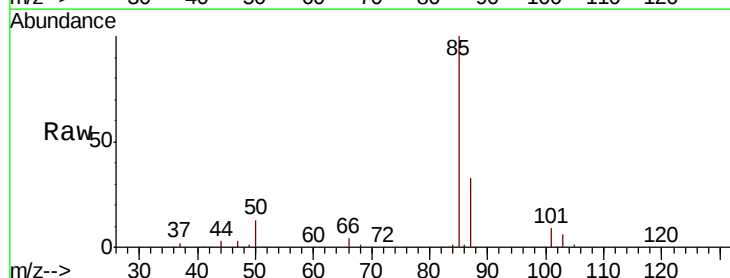
Acq: 01 Nov 2018 19:35

Tgt Ion: 85 Resp: 125116

Ion Ratio Lower Upper

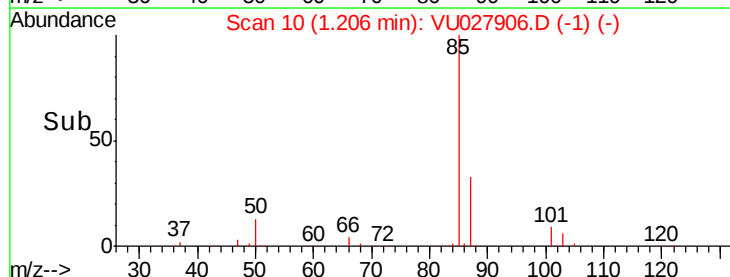
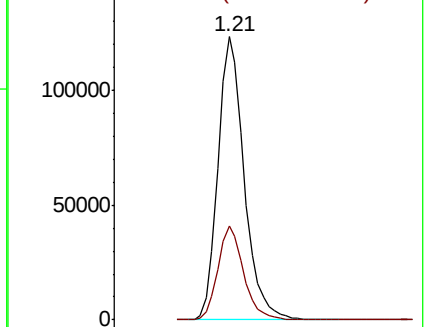
85 100

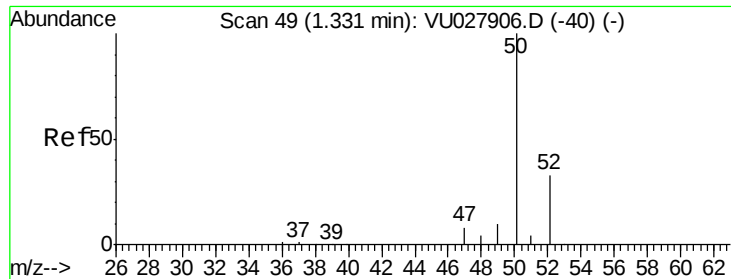
87 33.0 16.5 49.5



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

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

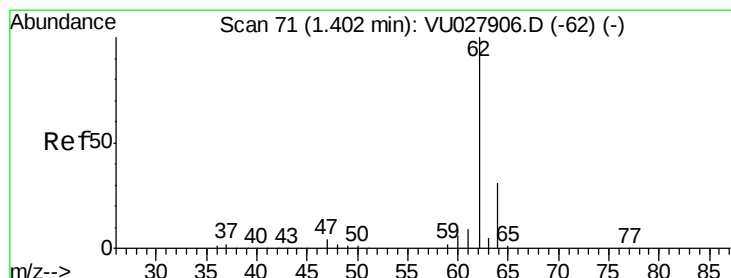
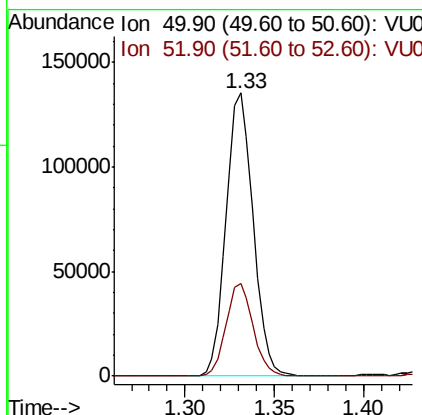
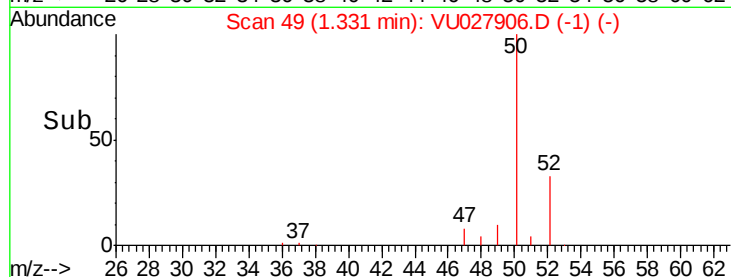
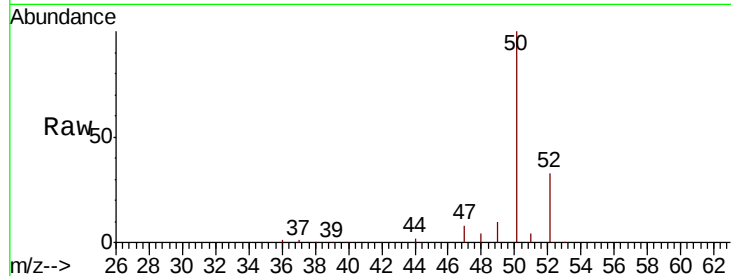




#3
 Chloromethane
 Concen: 44.136 ug/l
 RT: 1.33 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

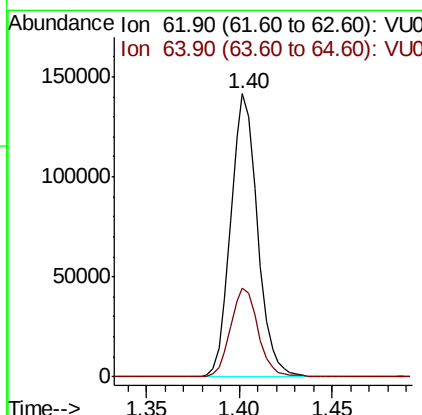
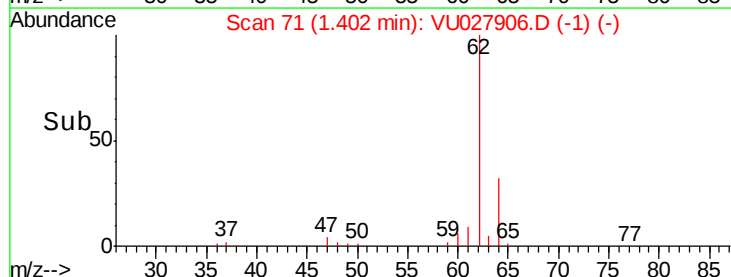
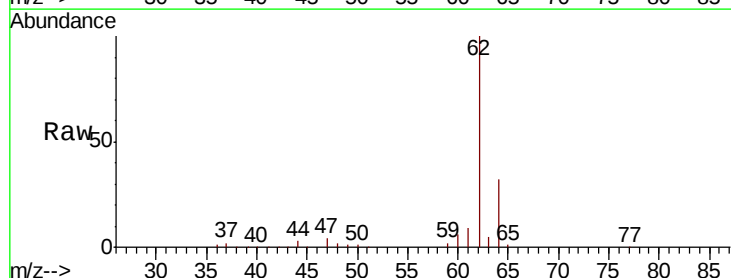
Instrument :
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 VSTDICCC050

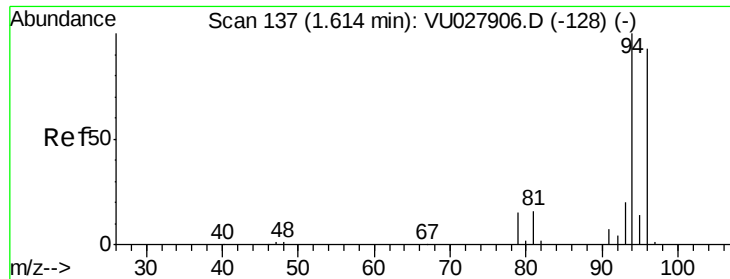
Tgt Ion: 50 Resp: 142896
 Ion Ratio Lower Upper
 50 100
 52 32.8 26.2 39.4



#4
 Vinyl Chloride
 Concen: 46.243 ug/l
 RT: 1.40 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 62 Resp: 141749
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.2 37.8

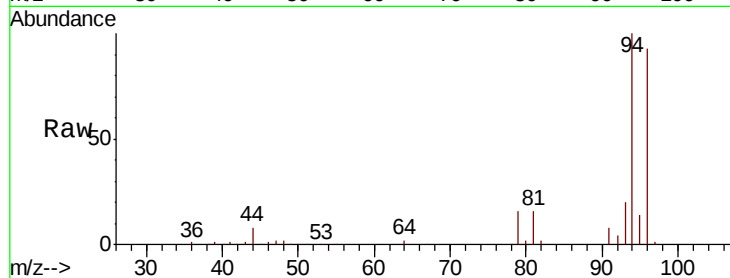




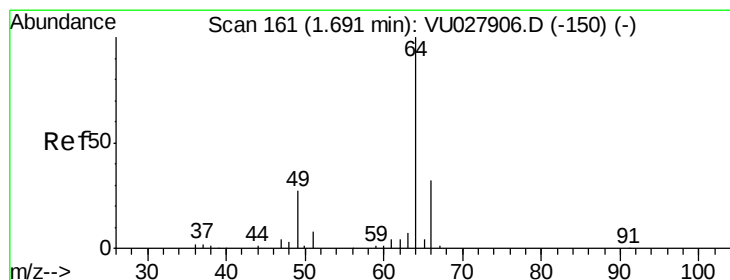
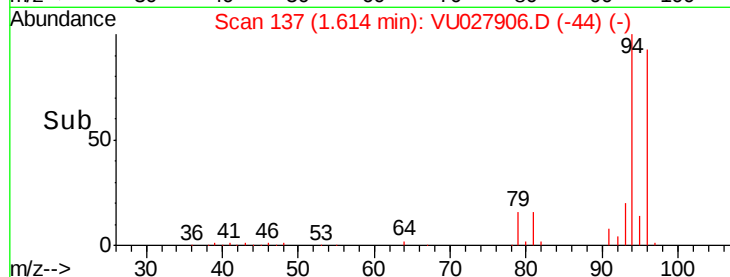
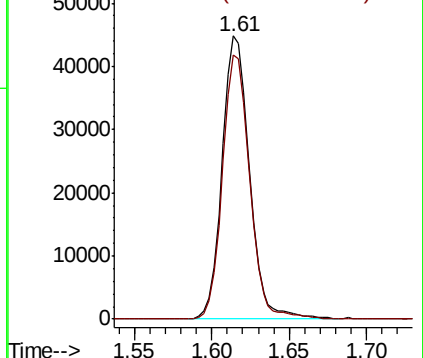
#5
Bromomethane
Concen: 41.091 ug/l
RT: 1.61 min Scan# 137
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 54271
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2

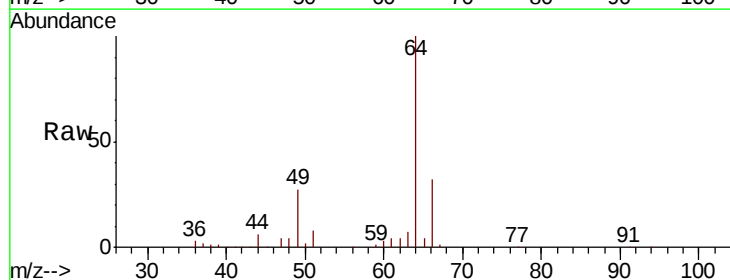


Abundance Ion 93.90 (93.60 to 94.60): VU0
Ion 95.90 (95.60 to 96.60): VU0

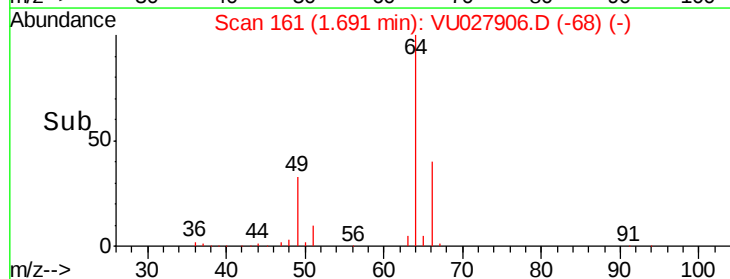
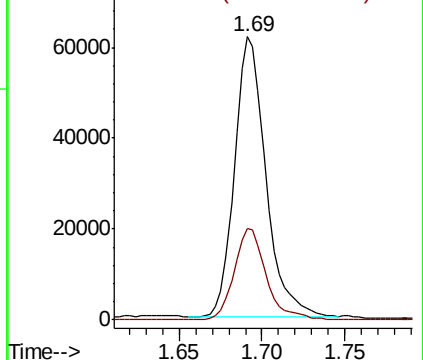


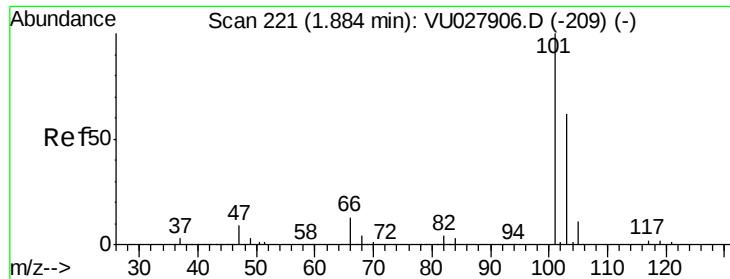
#6
Chloroethane
Concen: 43.803 ug/l
RT: 1.69 min Scan# 161
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion: 64 Resp: 80963
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0



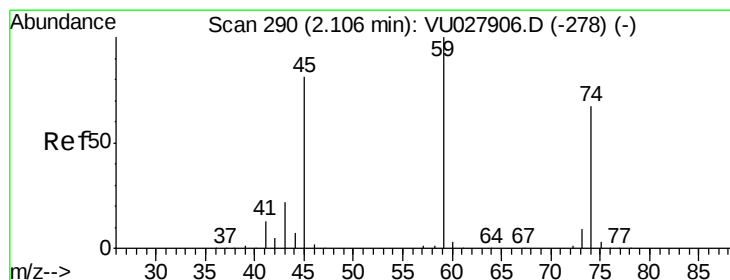
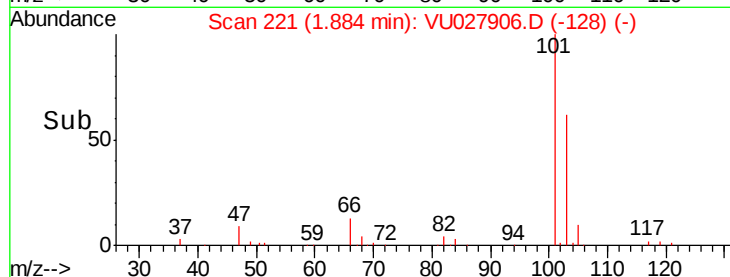
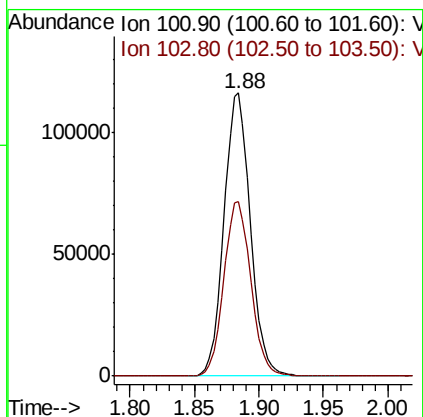
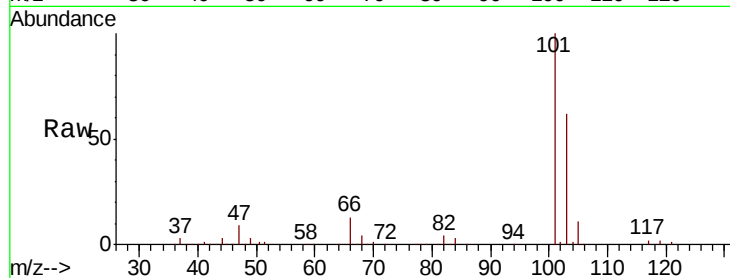


#7

Trichlorofluoromethane
 Concen: 51.629 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

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 VSTDICCC050

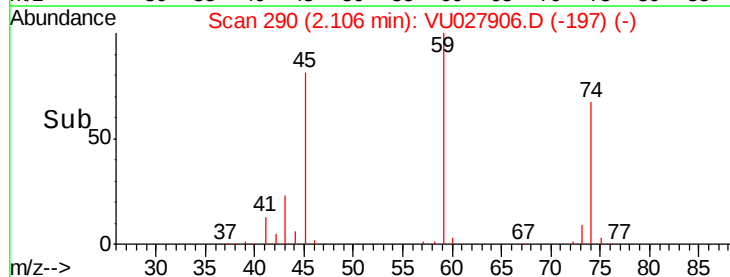
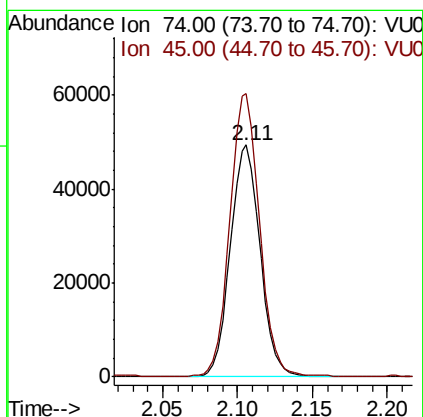
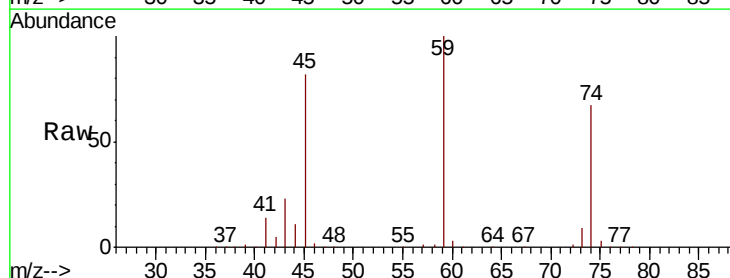
Tgt Ion: 101 Resp: 164484
 Ion Ratio Lower Upper
 101 100
 103 61.8 49.4 74.2

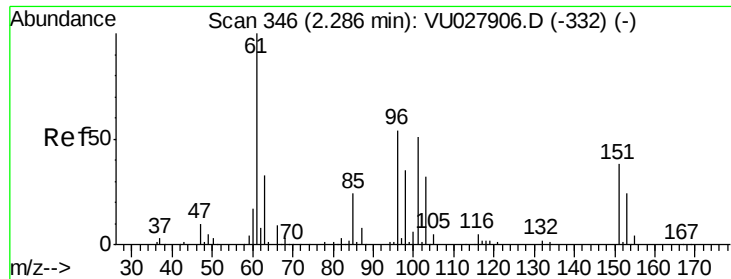


#8

Diethyl Ether
 Concen: 47.349 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 74 Resp: 68556
 Ion Ratio Lower Upper
 74 100
 45 121.0 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.868 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

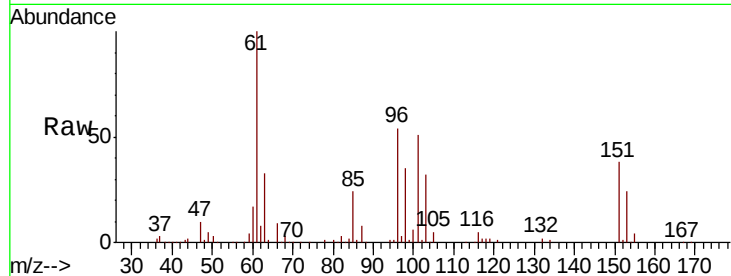
Tgt Ion:101 Resp: 98112

Ion Ratio Lower Upper

101 100

85 46.1 36.9 55.3

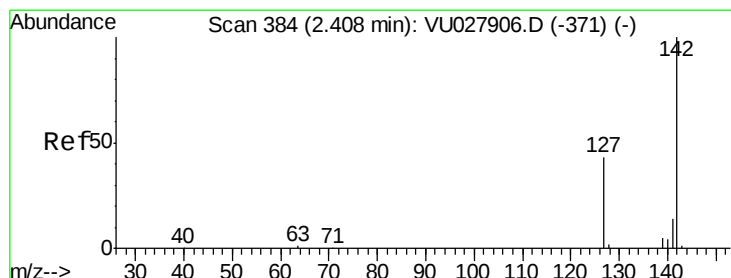
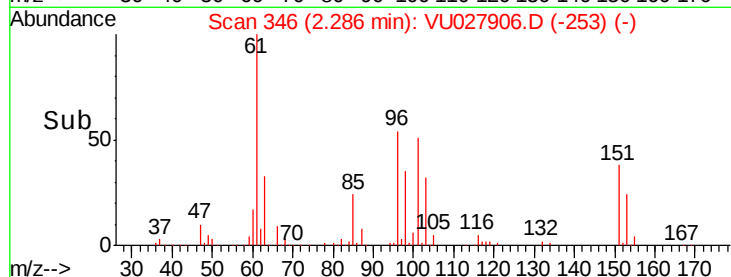
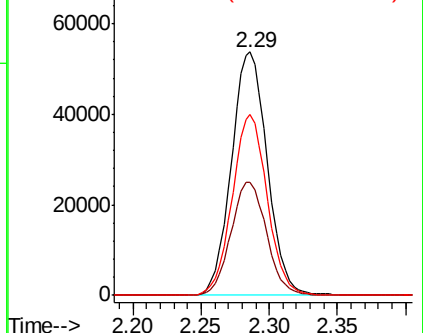
151 72.5 58.0 87.0



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: 56.803 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

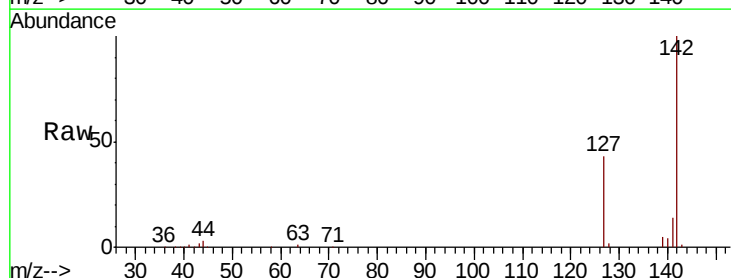
Tgt Ion:142 Resp: 77579

Ion Ratio Lower Upper

142 100

127 44.0 35.2 52.8

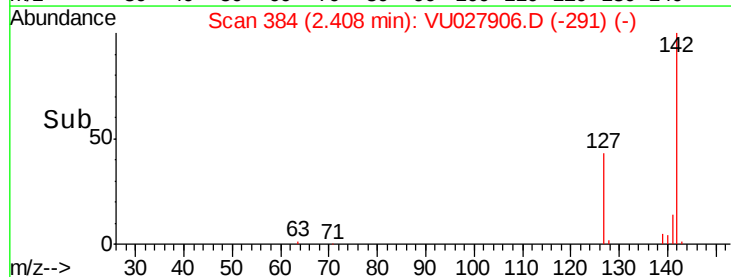
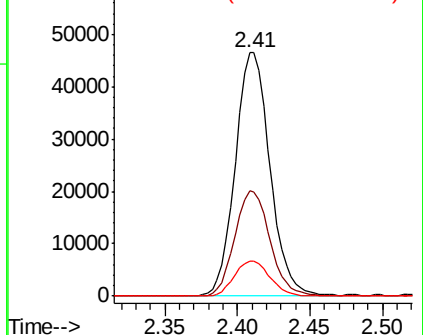
141 14.8 11.8 17.8

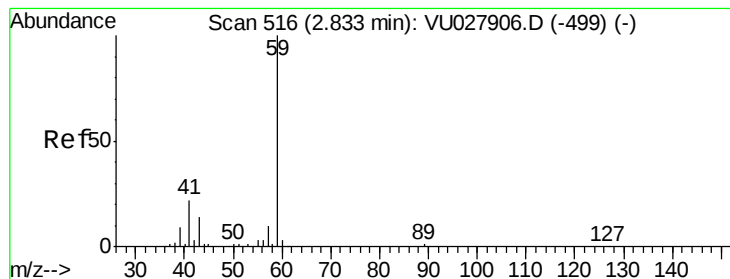


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



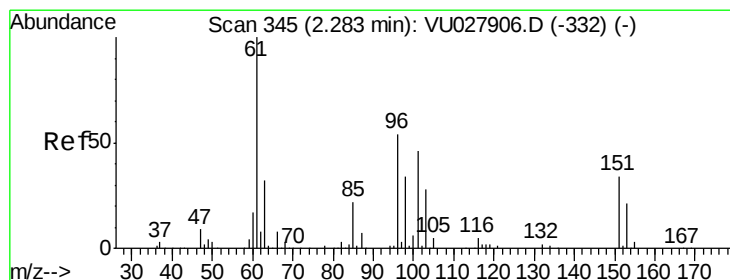
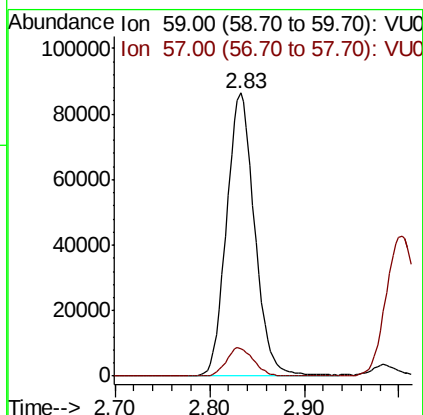
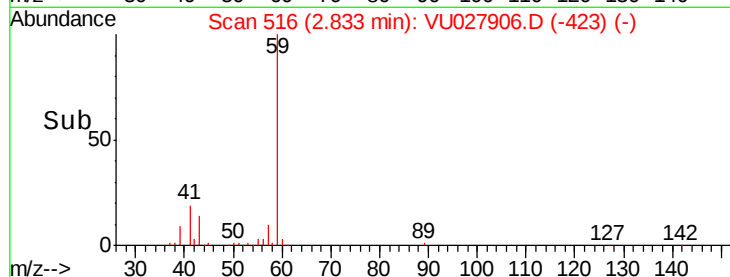
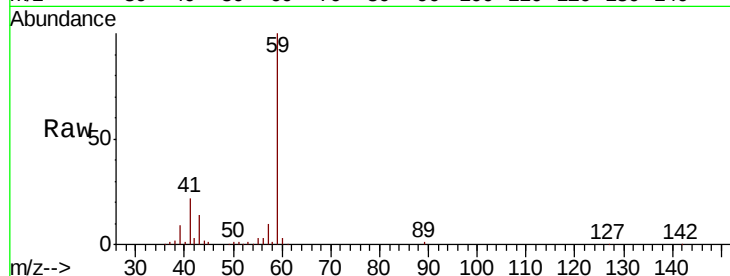


#11

Tert butyl alcohol
 Concen: 284.561 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

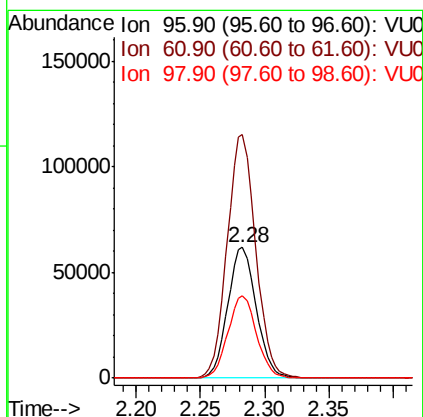
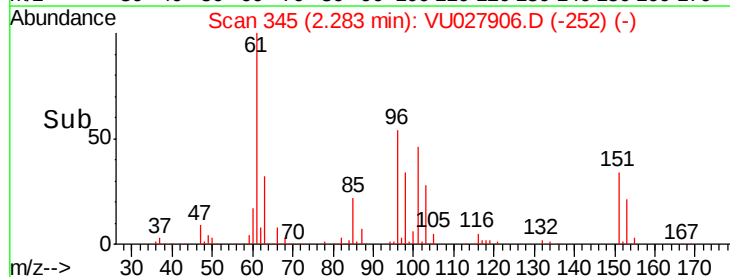
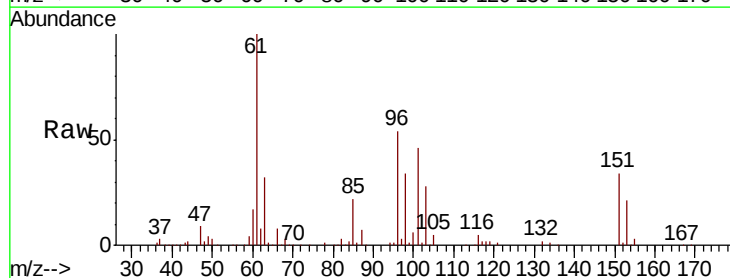
Tgt Ion: 59 Resp: 178113
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

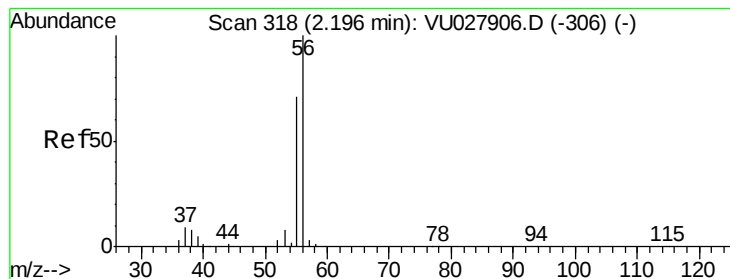


#12

1,1-Dichloroethene
 Concen: 52.585 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 96 Resp: 95370
 Ion Ratio Lower Upper
 96 100
 61 186.6 149.3 223.9
 98 63.2 50.6 75.8





#13

Acrolein

Concen: 134.739 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

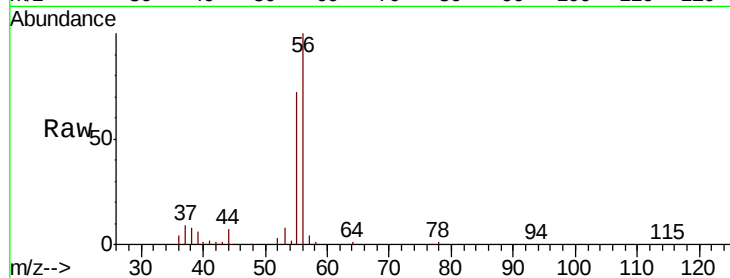
VSTDICCC050

Tgt Ion: 56 Resp: 61464

Ion Ratio Lower Upper

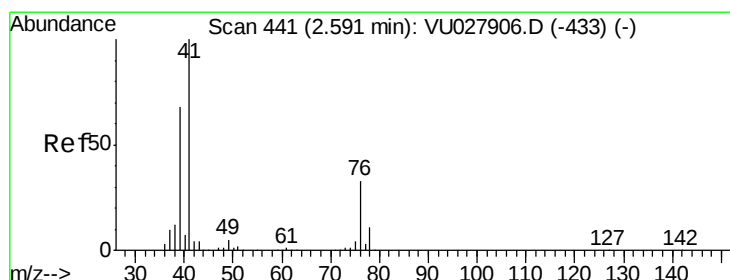
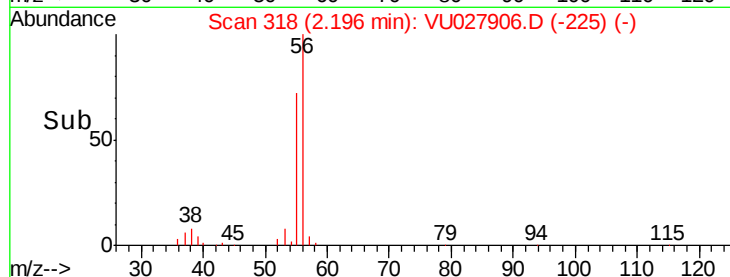
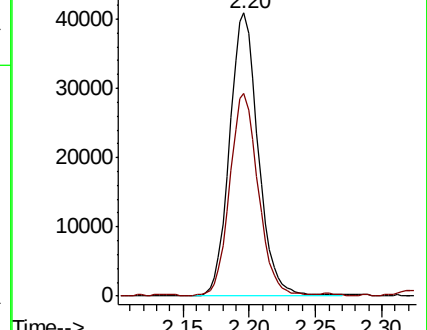
56 100

55 70.3 56.2 84.4



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

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



#14

Allyl chloride

Concen: 52.620 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

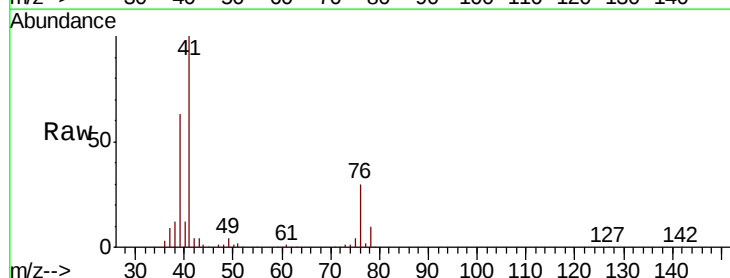
Tgt Ion: 41 Resp: 226470

Ion Ratio Lower Upper

41 100

39 64.9 51.9 77.9

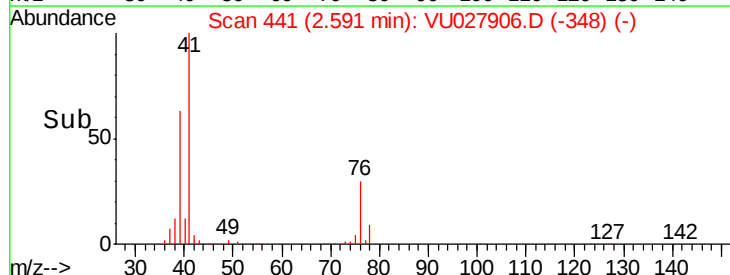
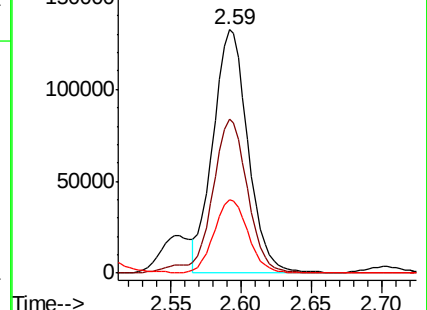
76 29.7 23.8 35.6

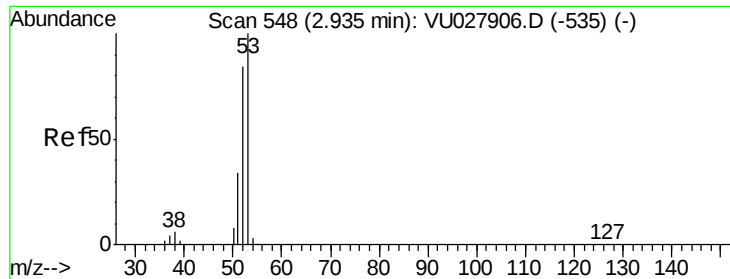


Abundance Ion 41.00 (40.70 to 41.70): VU027906.D (-433) (-)

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

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





#15

Acrylonitrile

Concen: 286.148 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

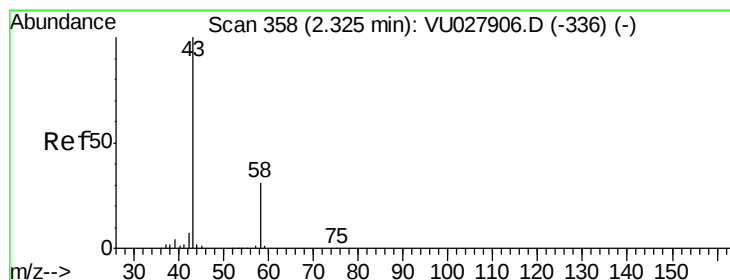
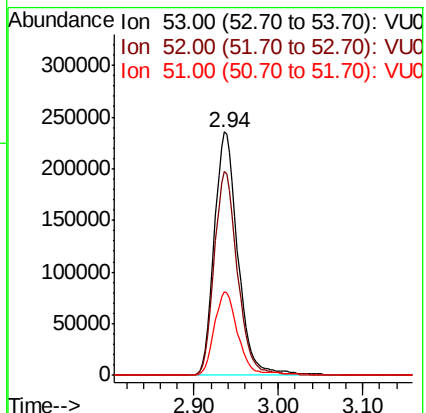
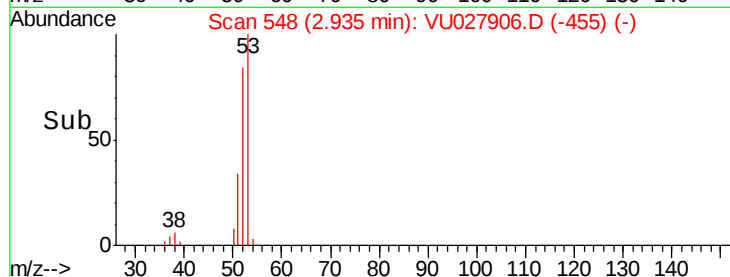
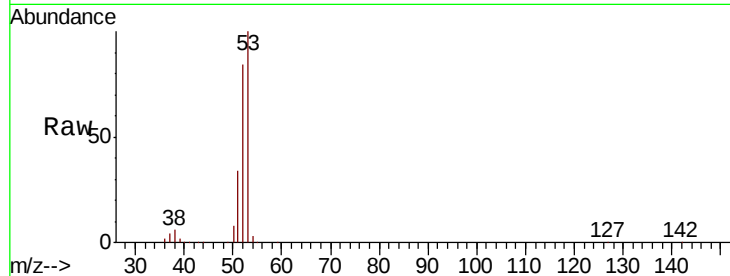
Tgt Ion: 53 Resp: 457992

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

51 33.7 27.0 40.4



#16

Acetone

Concen: 240.169 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027906.D

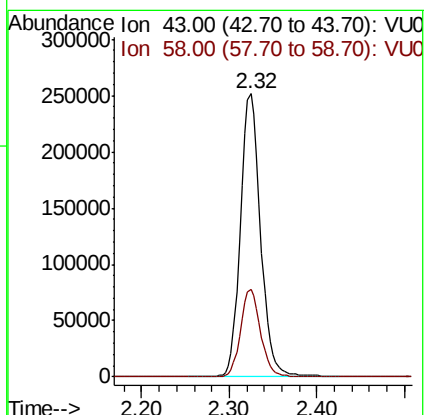
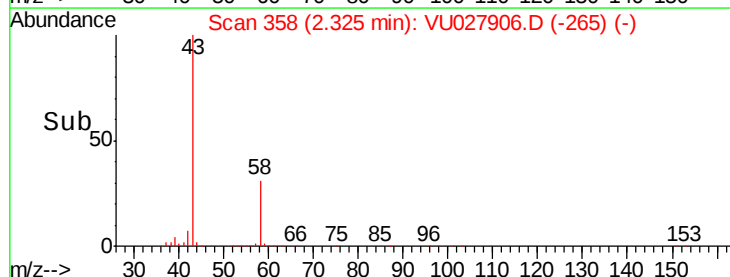
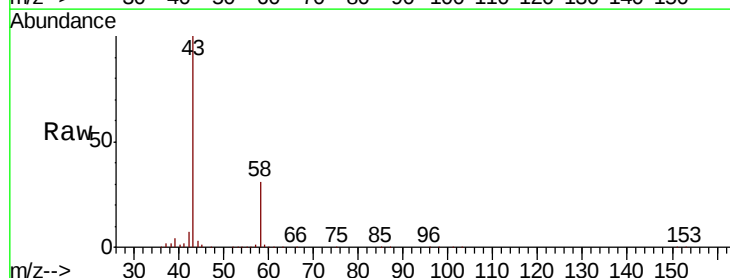
Acq: 01 Nov 2018 19:35

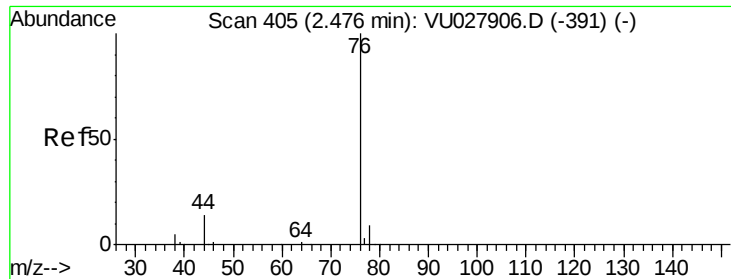
Tgt Ion: 43 Resp: 401838

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 48.767 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

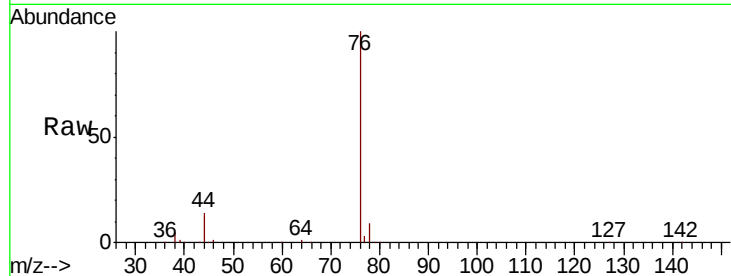
VSTDICCC050

Tgt Ion: 76 Resp: 316072

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



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

Ion 77.90 (77.60 to 78.60): VU027906.D (-391) (-)

2.48

200000

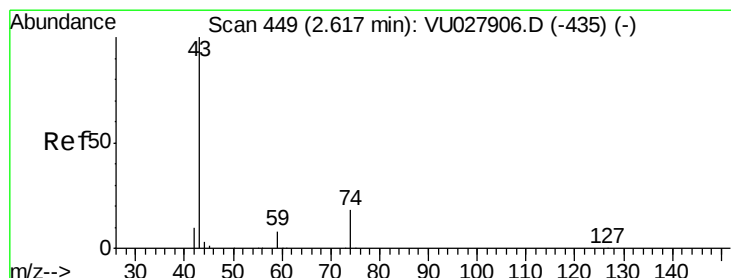
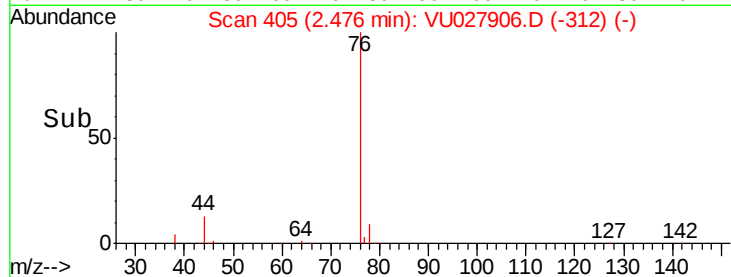
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.712 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027906.D

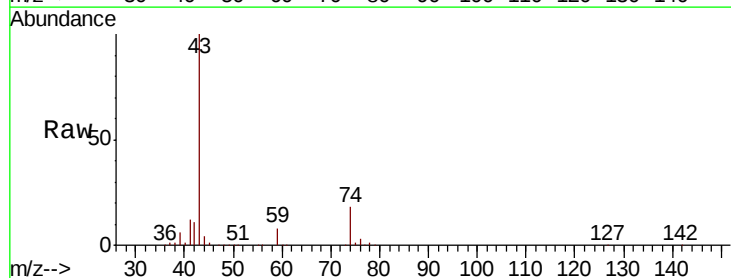
Acq: 01 Nov 2018 19:35

Tgt Ion: 43 Resp: 224790

Ion Ratio Lower Upper

43 100

74 18.6 14.9 22.3



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

Ion 74.00 (73.70 to 74.70): VU027906.D (-435) (-)

2.62

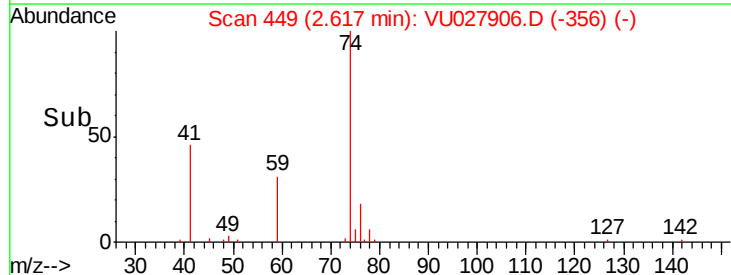
150000

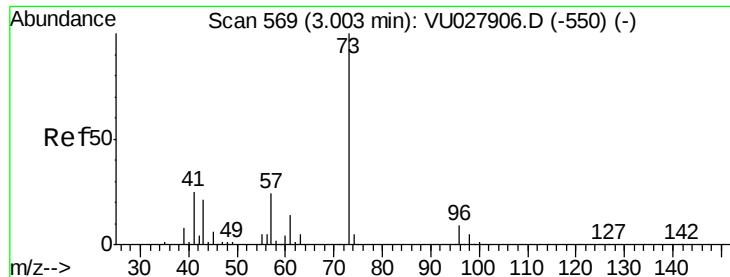
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 53.261 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

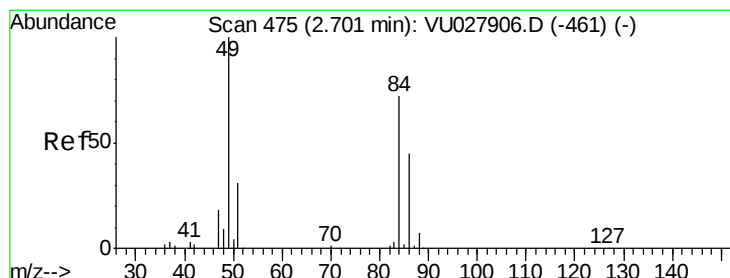
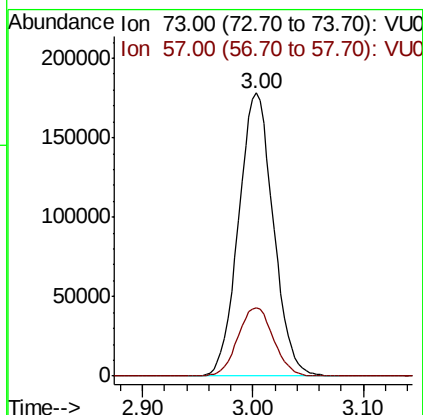
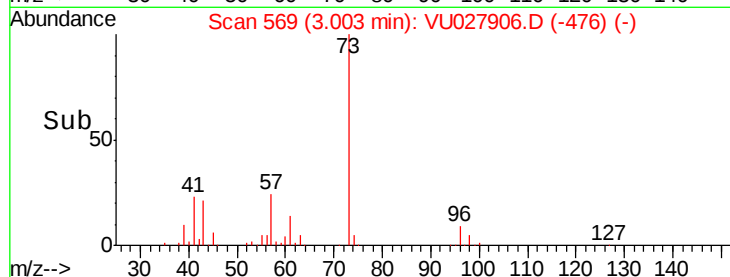
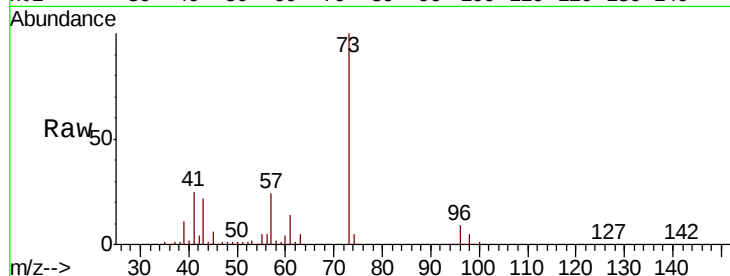
VSTDICCC050

Tgt Ion: 73 Resp: 388558

Ion Ratio Lower Upper

73 100

57 24.1 19.3 28.9



#20

Methylene Chloride

Concen: 52.025 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Tgt Ion: 84 Resp: 123254

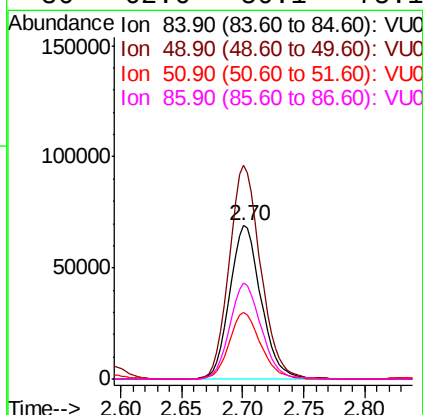
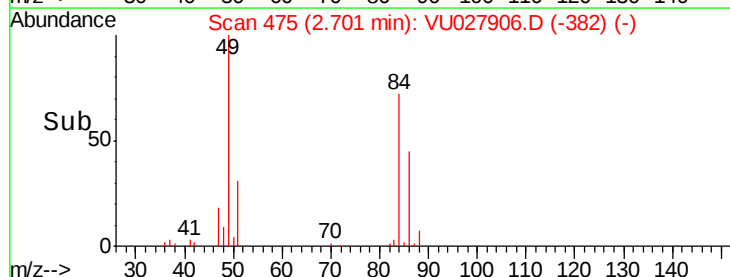
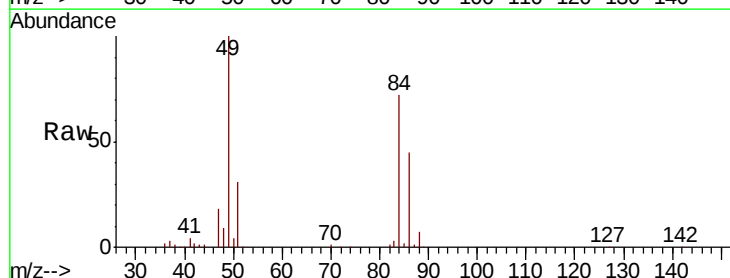
Ion Ratio Lower Upper

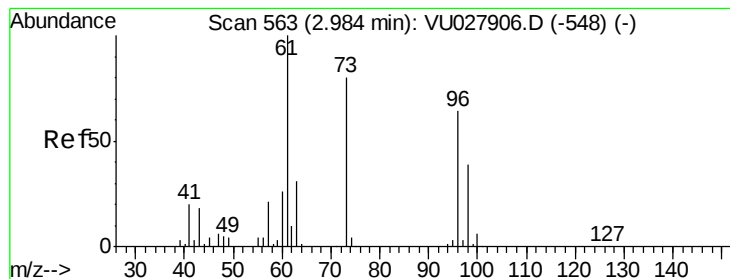
84 100

49 139.5 111.6 167.4

51 43.5 34.8 52.2

86 62.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 53.669 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

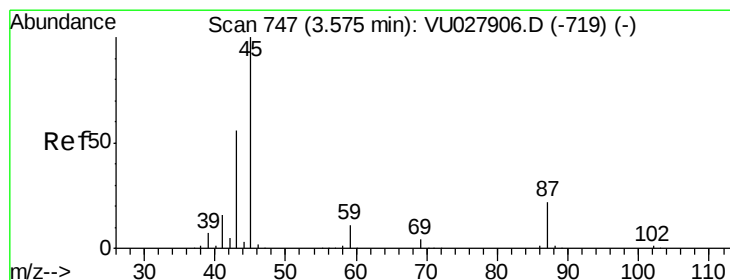
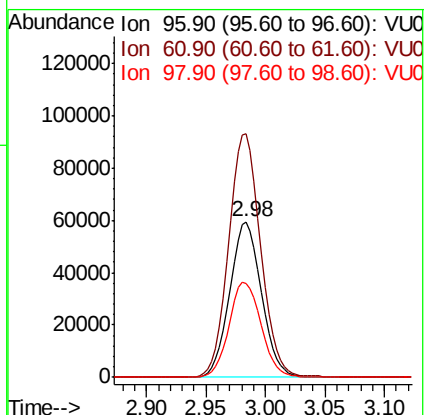
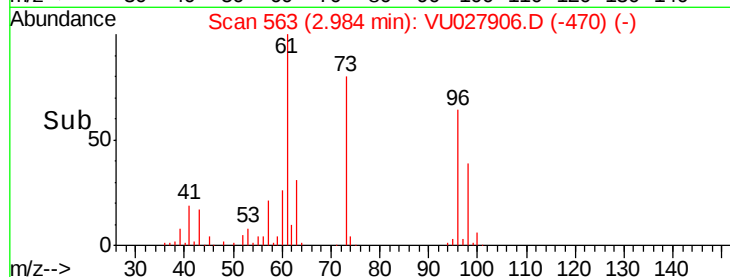
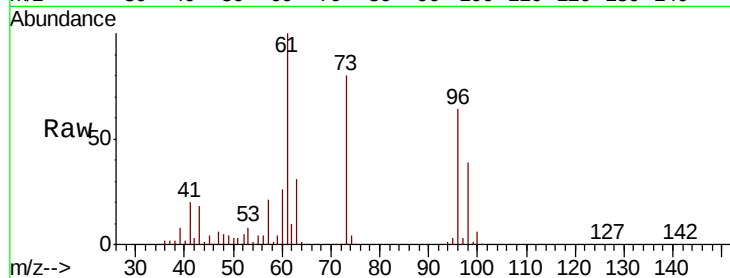
Tgt Ion: 96 Resp: 110137

Ion Ratio Lower Upper

96 100

61 156.3 125.0 187.6

98 60.3 48.2 72.4



#22

Diisopropyl ether

Concen: 55.311 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Tgt Ion: 45 Resp: 488520

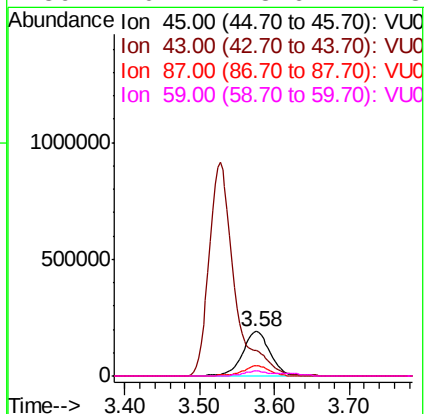
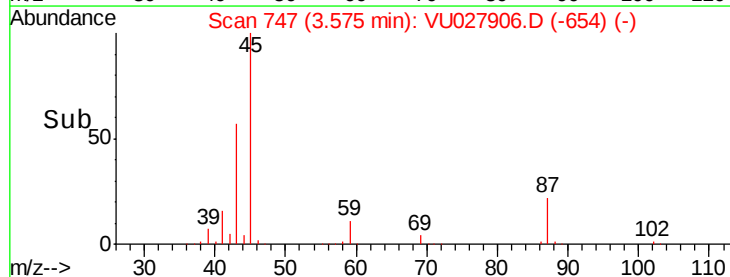
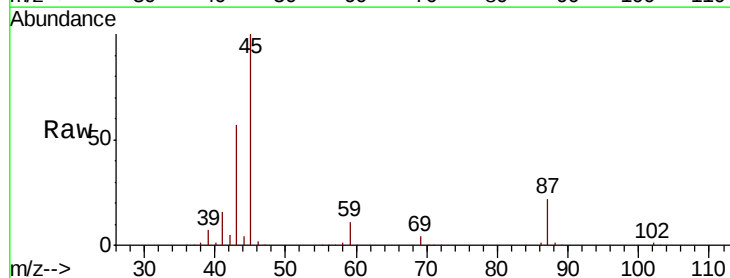
Ion Ratio Lower Upper

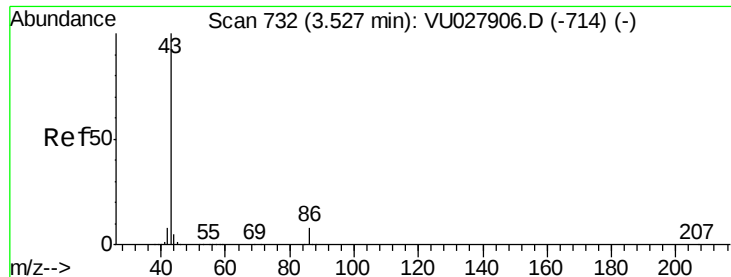
45 100

43 56.3 45.0 67.6

87 22.4 17.9 26.9

59 10.7 8.6 12.8





#23

Vinyl Acetate

Concen: 281.077 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampled :

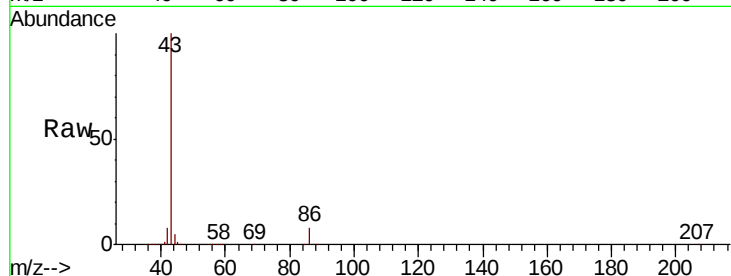
VSTDICCC050

Tgt Ion: 43 Resp: 2166848

Ion Ratio Lower Upper

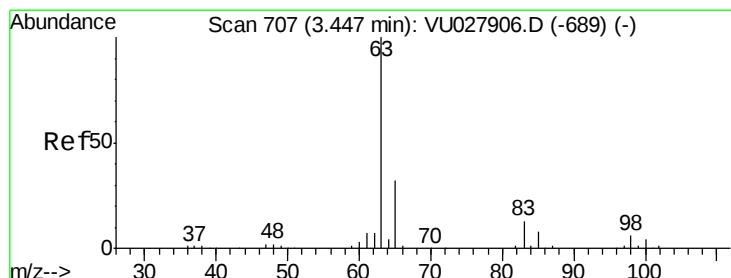
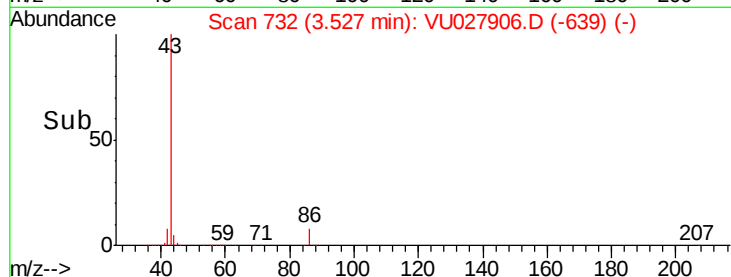
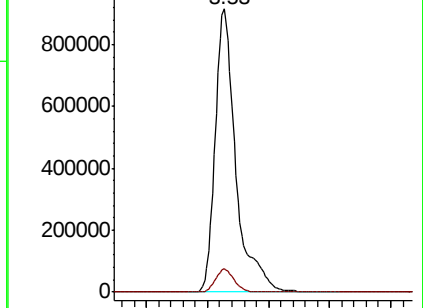
43 100

86 8.2 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-714) (-)

Ion 86.00 (85.70 to 86.70): VU027906.D (-714) (-)



#24

1,1-Dichloroethane

Concen: 53.100 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

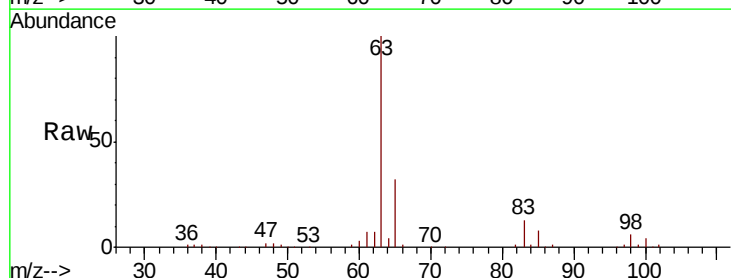
Tgt Ion: 63 Resp: 239234

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

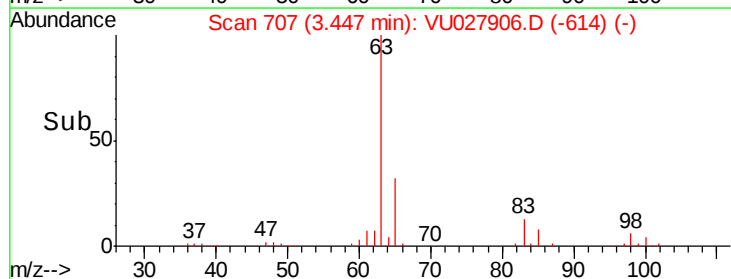
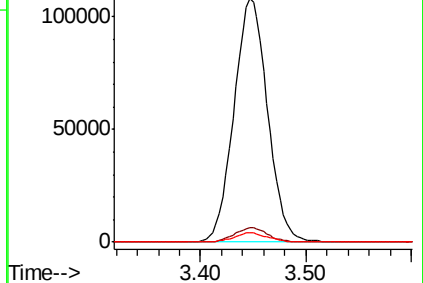
100 4.0 2.0 6.0

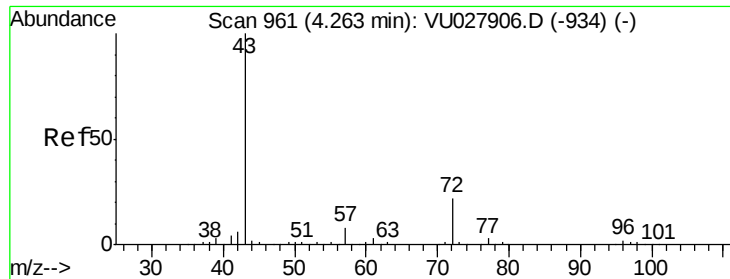


Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU027906.D (-689) (-)





#25

2-Butanone

Concen: 293.340 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

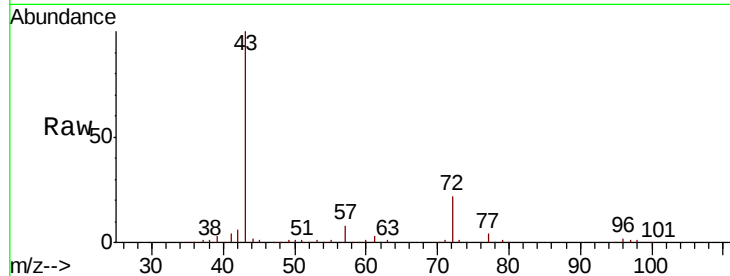
VSTDICCC050

Tgt Ion: 43 Resp: 691257

Ion Ratio Lower Upper

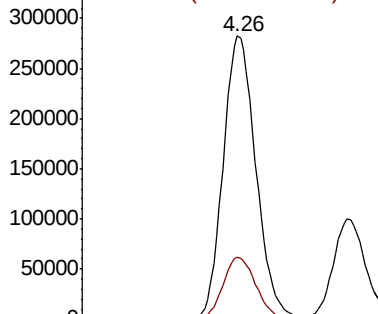
43 100

72 22.1 17.7 26.5

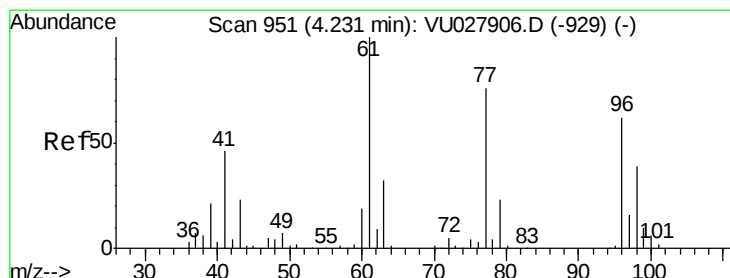
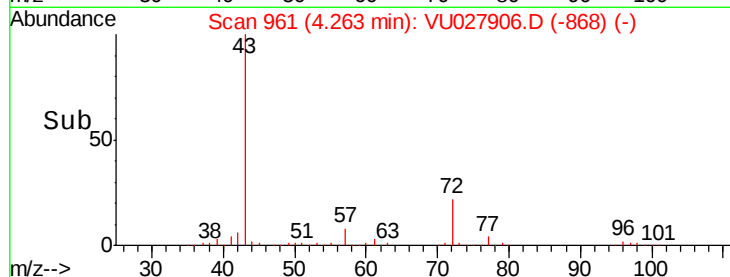


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 47.812 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027906.D

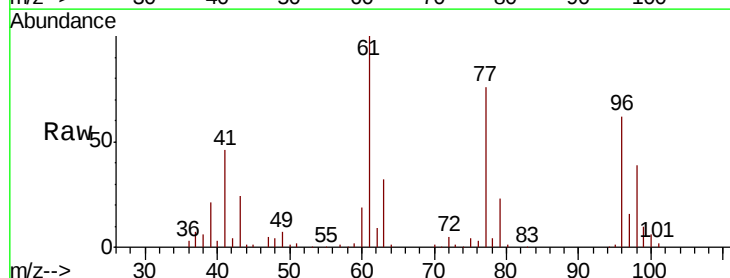
Acq: 01 Nov 2018 19:35

Tgt Ion: 77 Resp: 174373

Ion Ratio Lower Upper

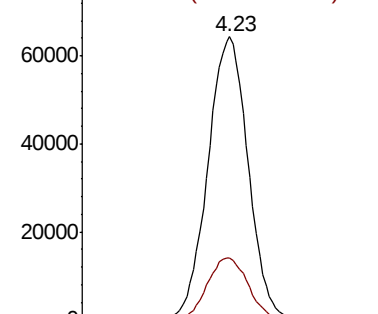
77 100

97 22.3 11.2 33.5

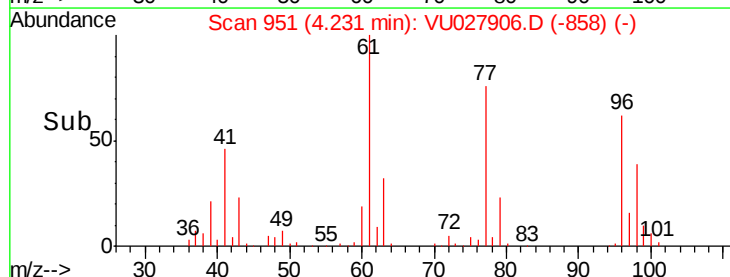


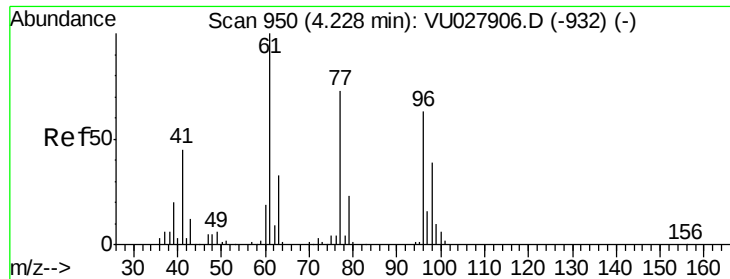
Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



Time--> 4.10 4.20 4.30



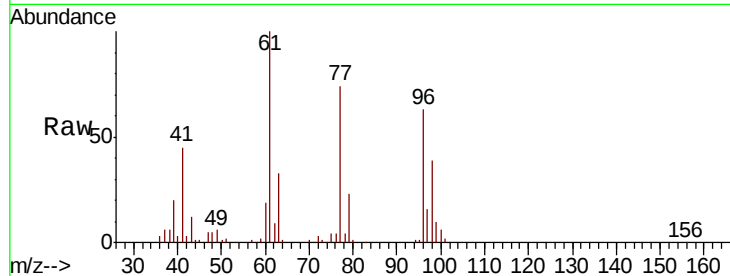


#27

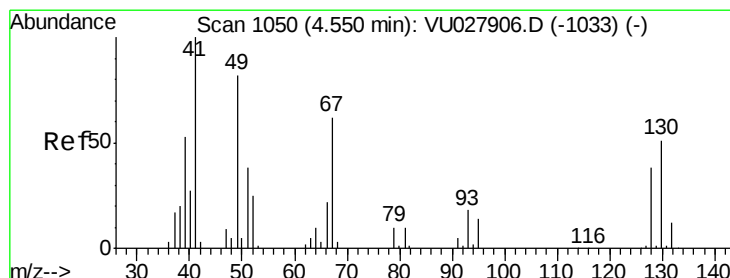
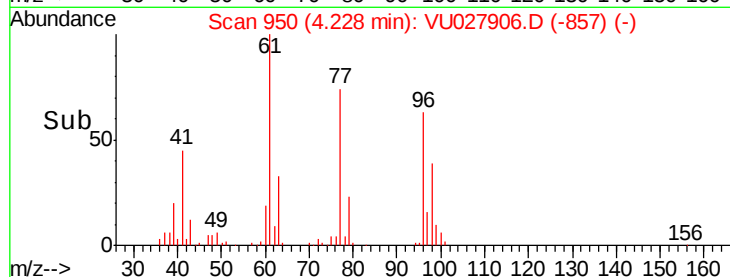
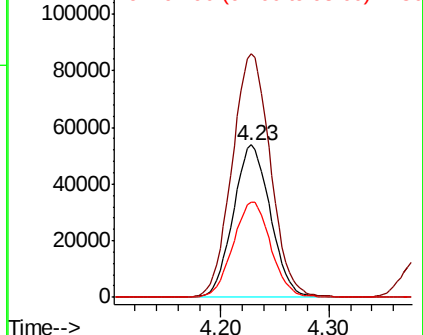
cis-1,2-Dichloroethene
 Concen: 54.839 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 129148
 Ion Ratio Lower Upper
 96 100
 61 164.8 0.0 329.6
 98 63.6 0.0 127.2



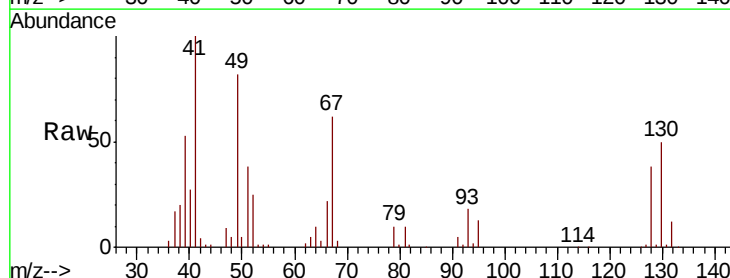
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



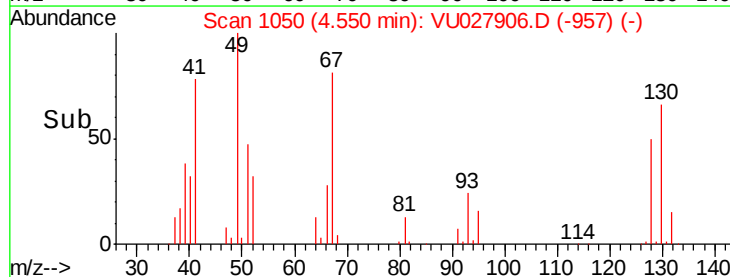
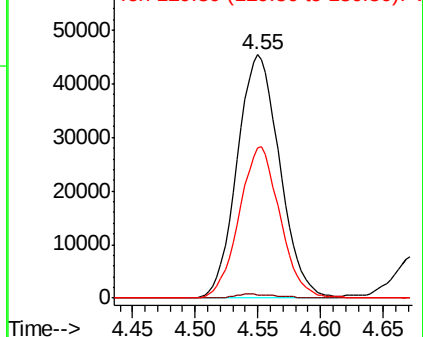
#28

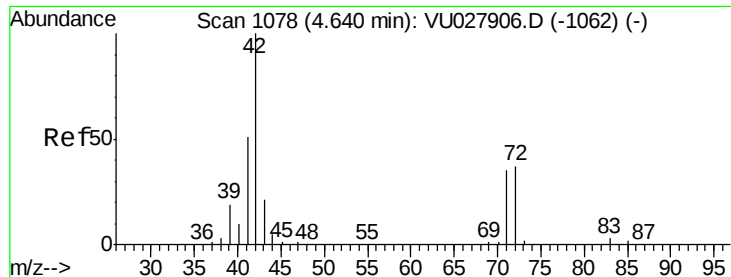
Bromochloromethane
 Concen: 50.228 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 49 Resp: 107444
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 59.7 47.8 71.6



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 301.306 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

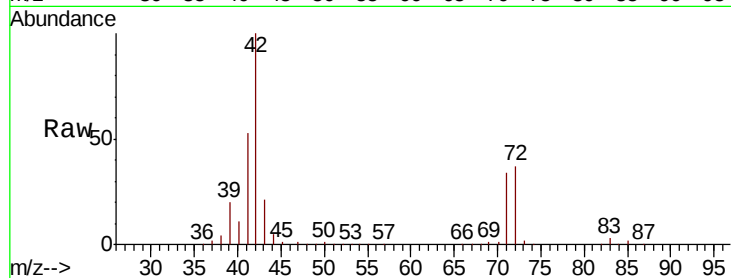
Tgt Ion: 42 Resp: 451173

Ion Ratio Lower Upper

42 100

72 36.7 29.4 44.0

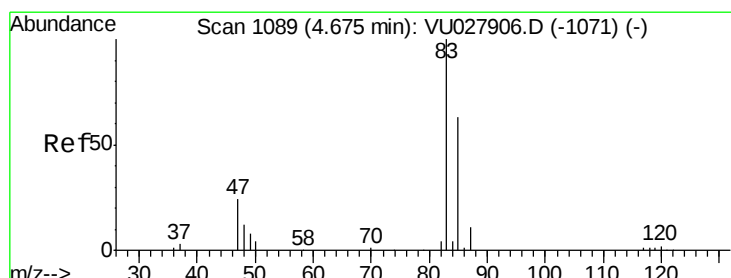
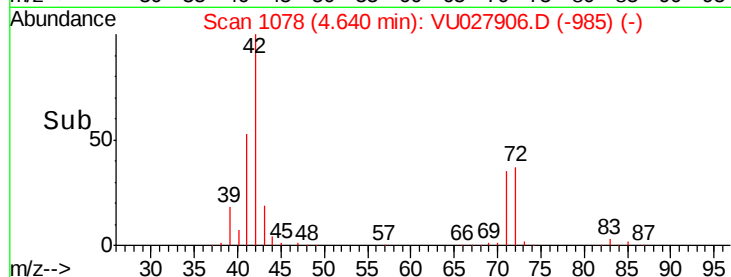
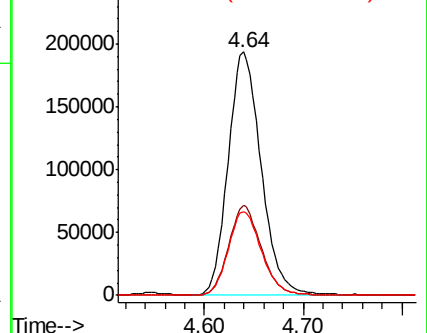
71 34.9 27.9 41.9



Abundance Ion 42.00 (41.70 to 42.70): VU027906.D (-1062) (-)

Ion 72.00 (71.70 to 72.70): VU027906.D (-1062) (-)

Ion 71.00 (70.70 to 71.70): VU027906.D (-1062) (-)



#30

Chloroform

Concen: 54.082 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027906.D

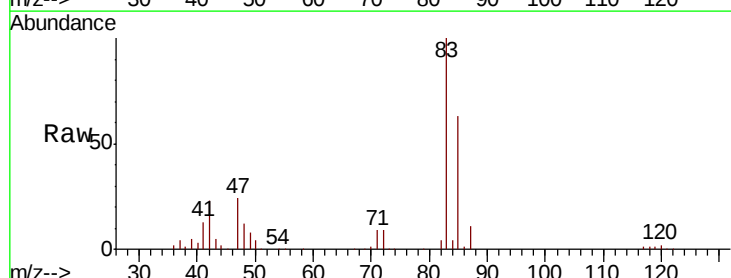
Acq: 01 Nov 2018 19:35

Tgt Ion: 83 Resp: 217416

Ion Ratio Lower Upper

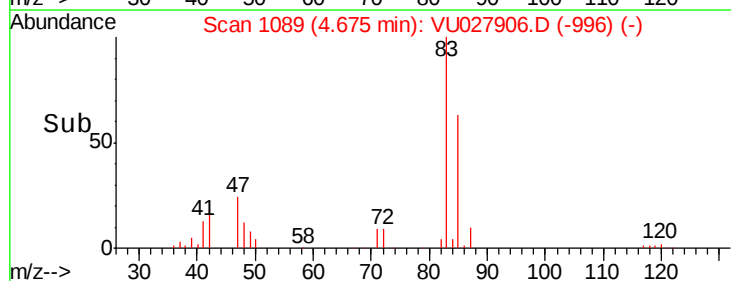
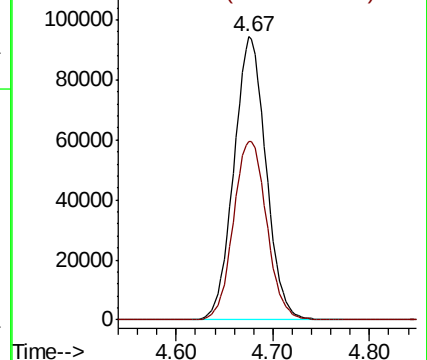
83 100

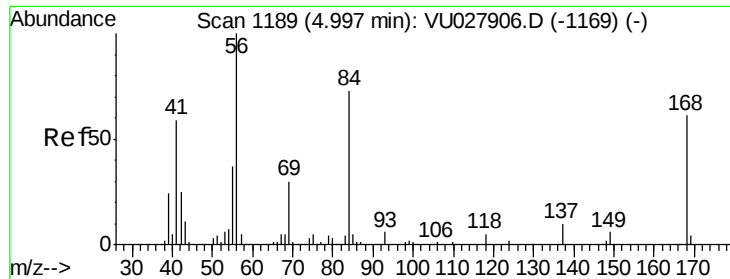
85 63.3 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VU027906.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-1071) (-)

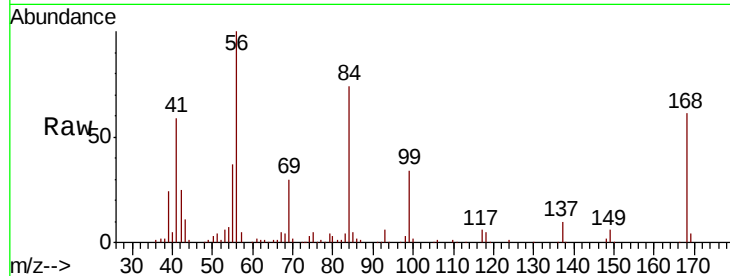




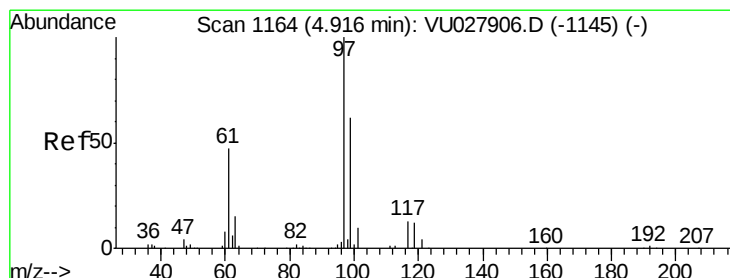
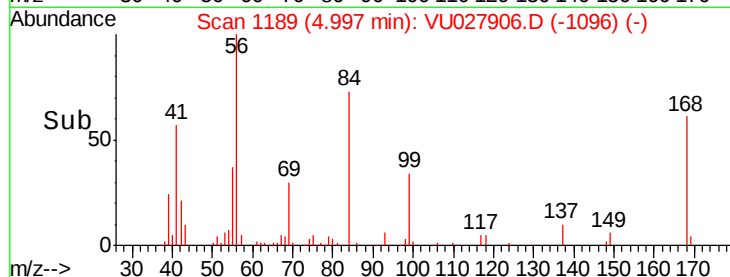
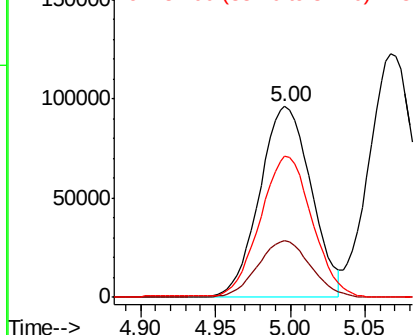
#31
Cyclohexane
Concen: 44.004 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 231300
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 72.8 58.2 87.4

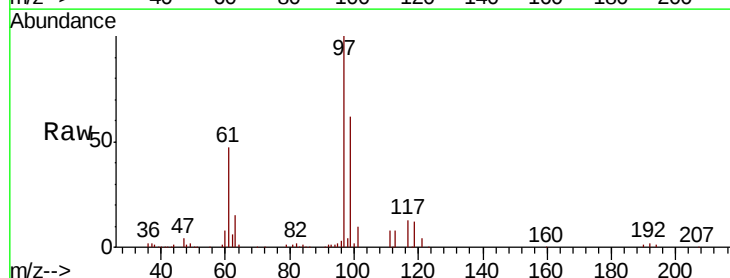


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

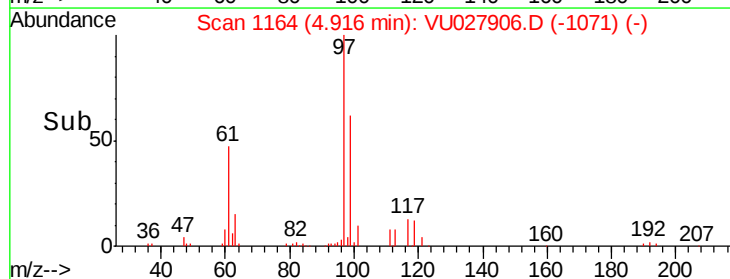
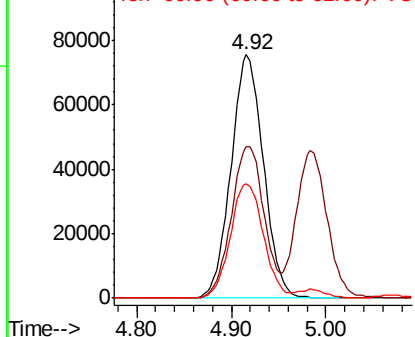


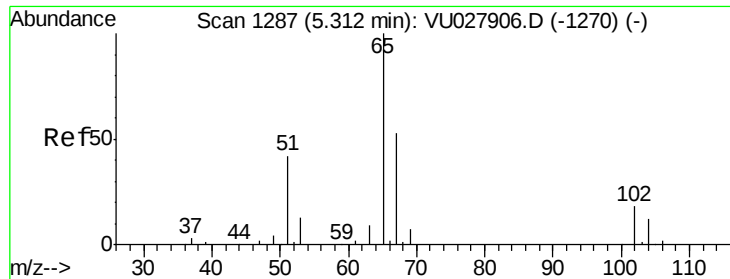
#32
1,1,1-Trichloroethane
Concen: 53.335 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion: 97 Resp: 179882
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 47.9 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

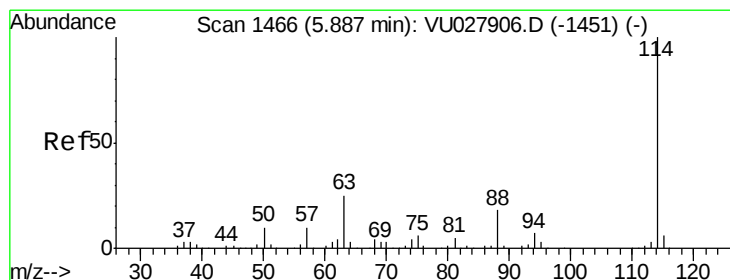
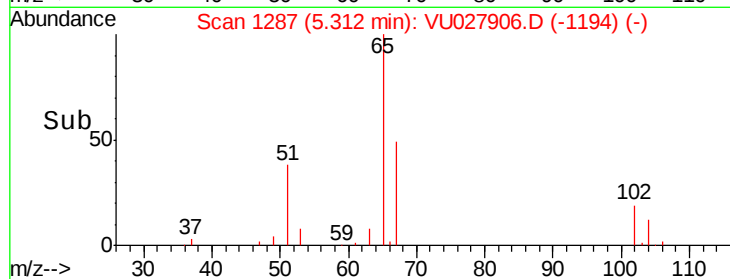
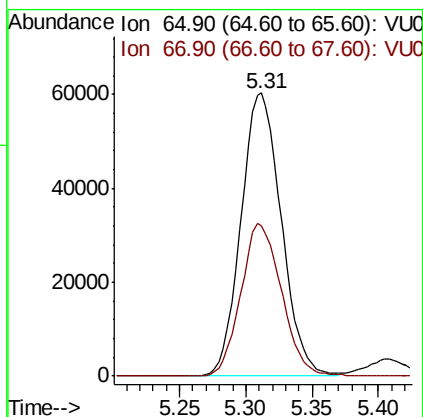
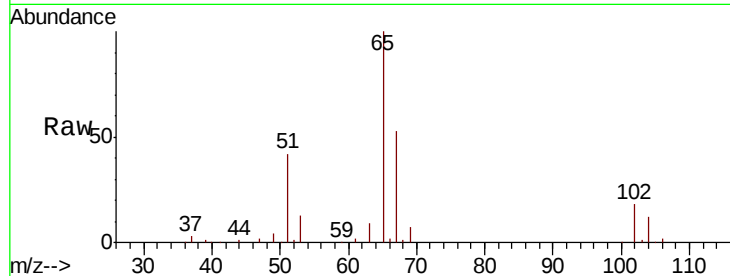




#33
 1,2-Dichloroethane-d4
 Concen: 44.935 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

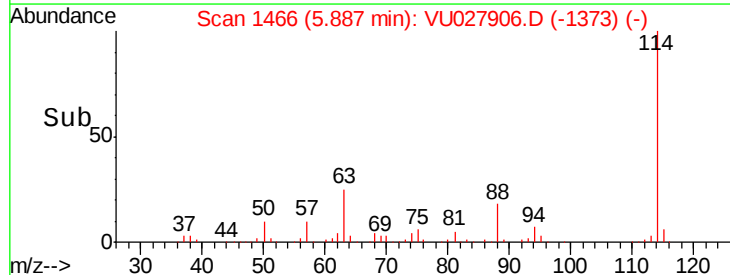
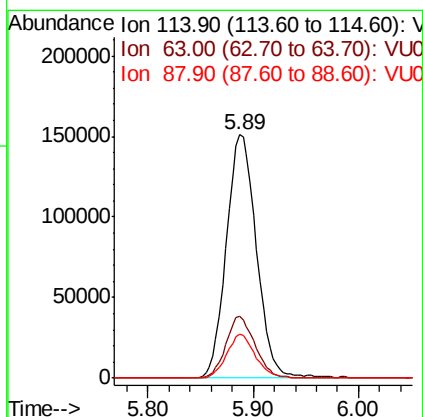
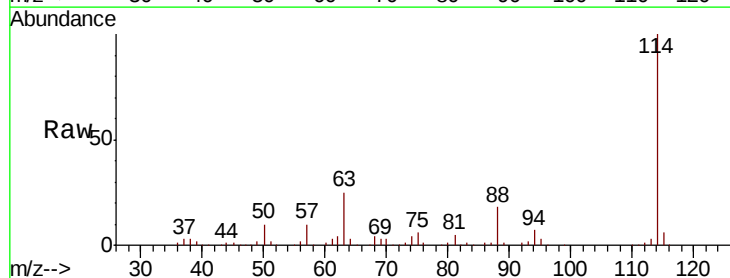
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

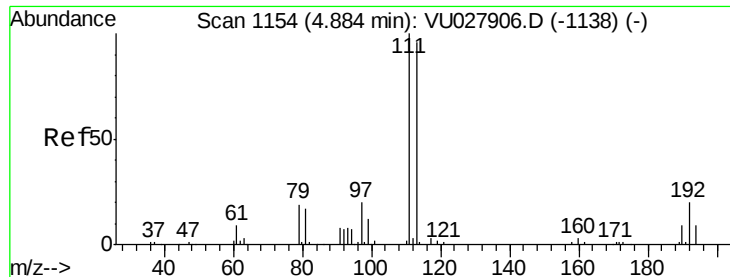
Tgt Ion: 65 Resp: 127763
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 114 Resp: 298572
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 50.8
 88 17.9 0.0 35.8

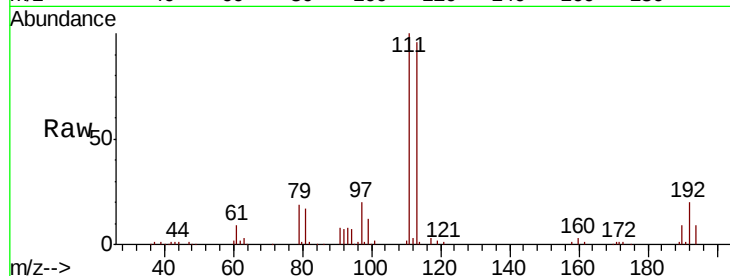




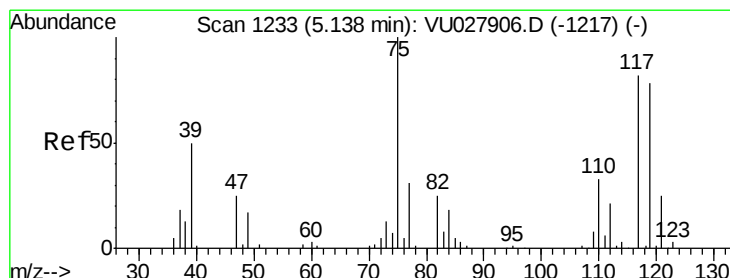
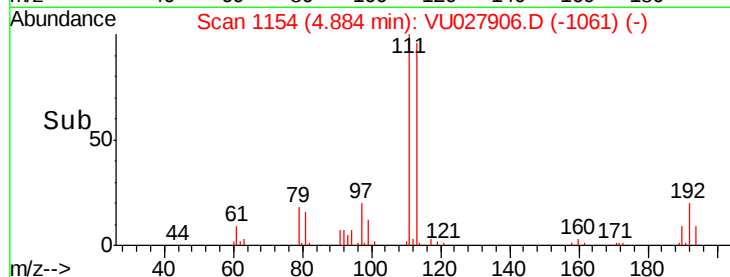
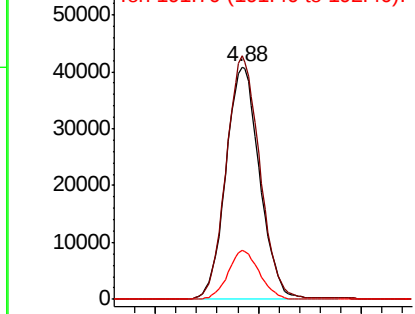
#35
 Dibromofluoromethane
 Concen: 45.944 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 113 Resp: 93257
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 19.5 15.6 23.4

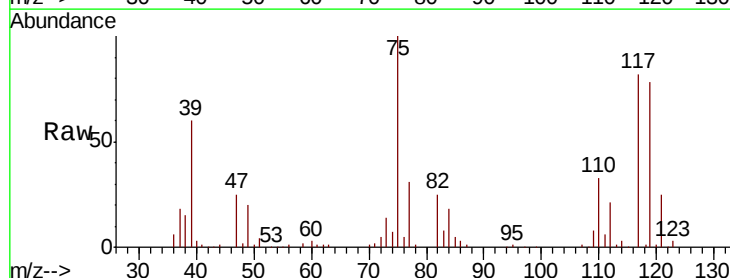


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

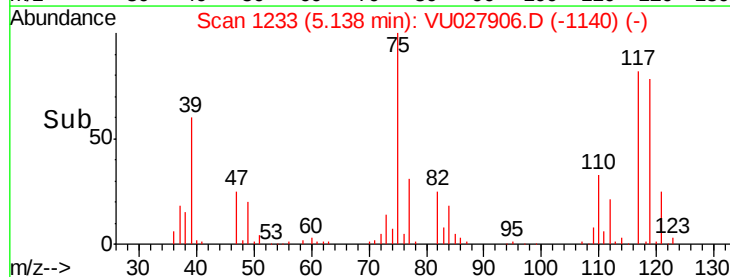
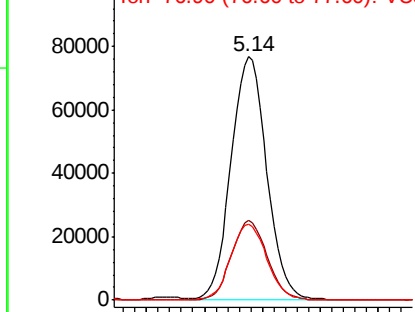


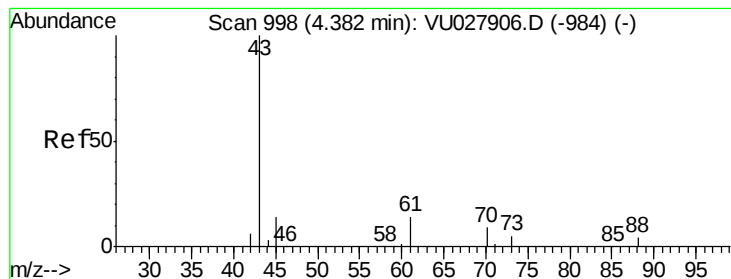
#36
 1,1-Dichloropropene
 Concen: 50.739 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 75 Resp: 163452
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.5 49.5
 77 31.1 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: 56.910 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

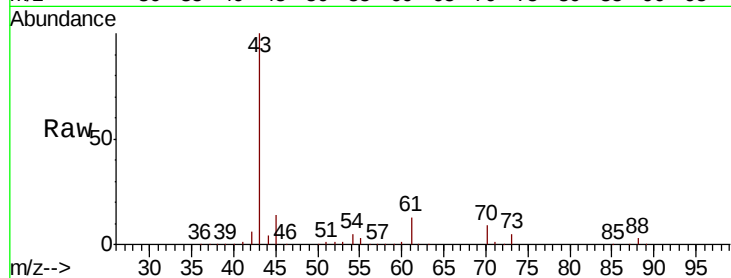
Tgt Ion: 43 Resp: 243023

Ion Ratio Lower Upper

43 100

61 12.9 10.3 15.5

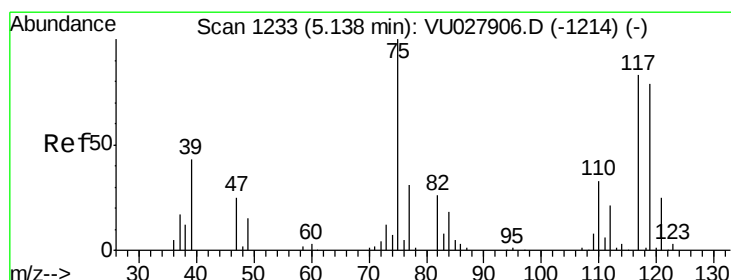
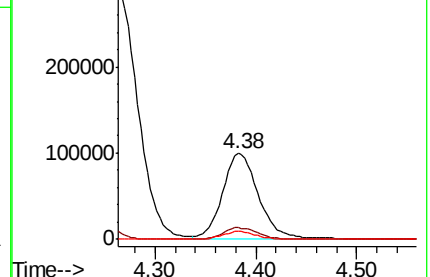
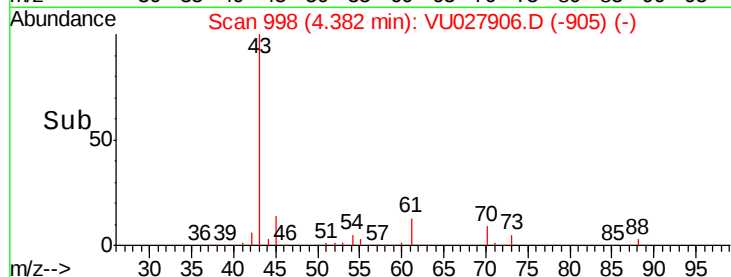
70 8.8 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU027906.D (-984) (-)



#38

Carbon Tetrachloride

Concen: 50.898 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

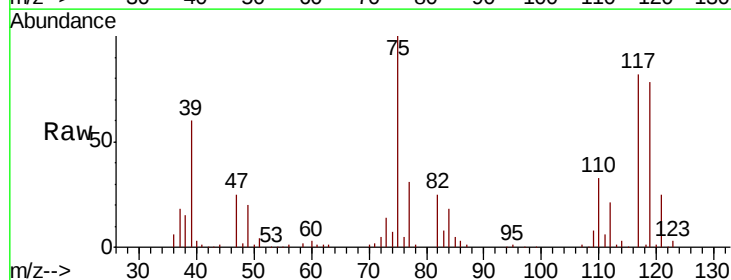
Tgt Ion: 117 Resp: 148023

Ion Ratio Lower Upper

117 100

119 95.0 76.0 114.0

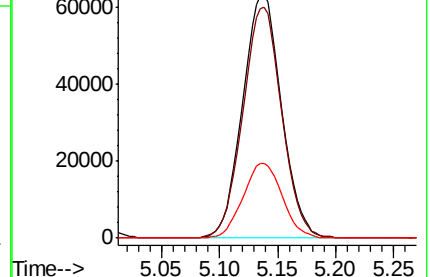
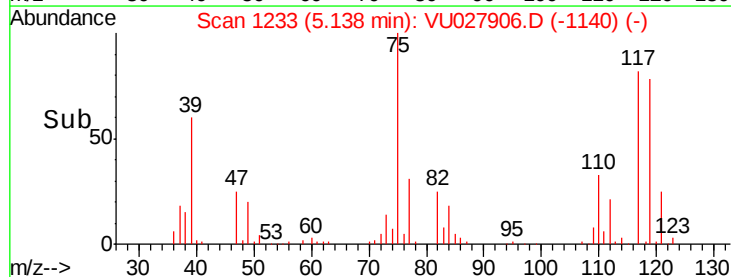
121 30.6 24.5 36.7

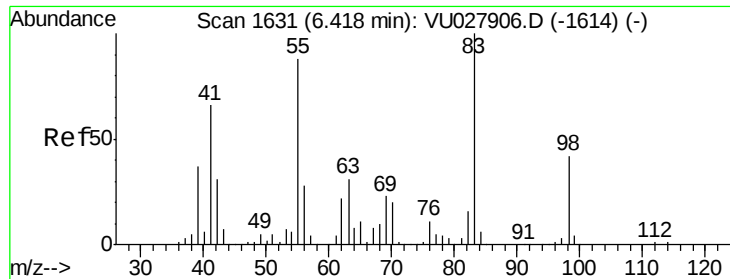


Abundance Ion 116.80 (116.50 to 117.50): VU027906.D (-1214) (-)

Ion 118.80 (118.50 to 119.50): VU027906.D (-1214) (-)

Ion 120.80 (120.50 to 121.50): VU027906.D (-1214) (-)

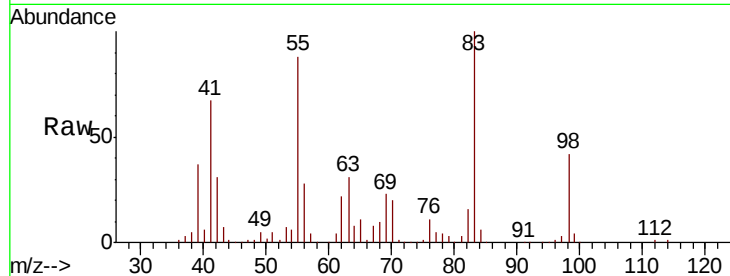




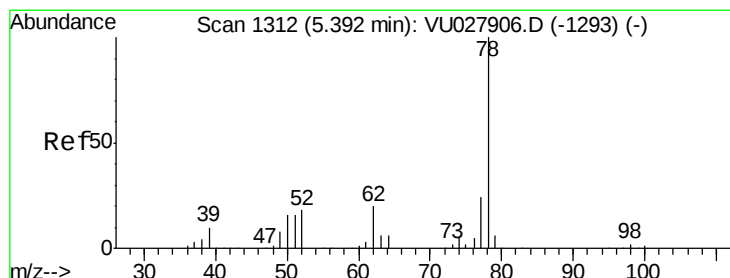
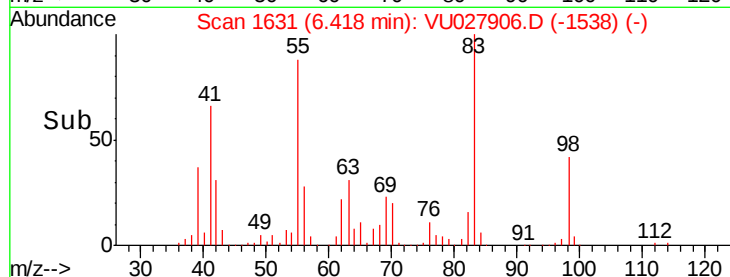
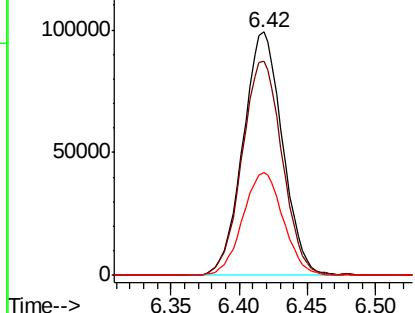
#39
Methylcyclohexane
Concen: 52.719 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 199076
Ion Ratio Lower Upper
83 100
55 87.9 70.3 105.5
98 42.5 34.0 51.0

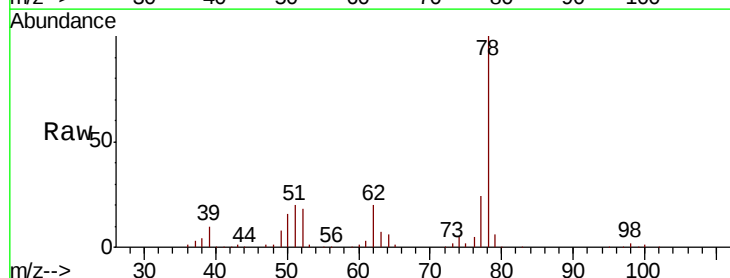


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

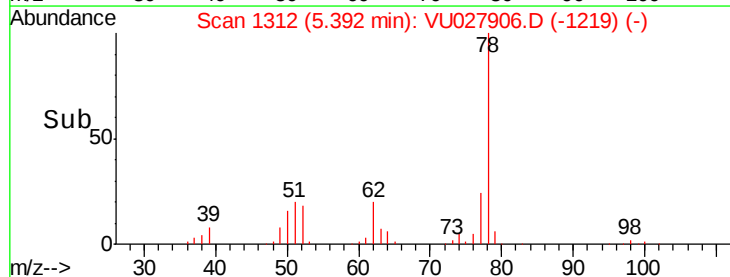
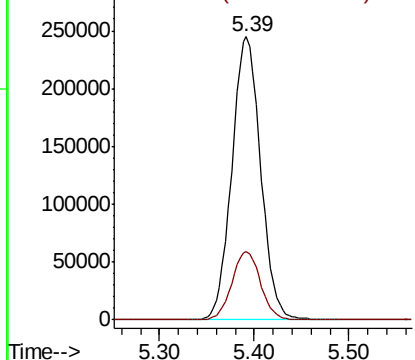


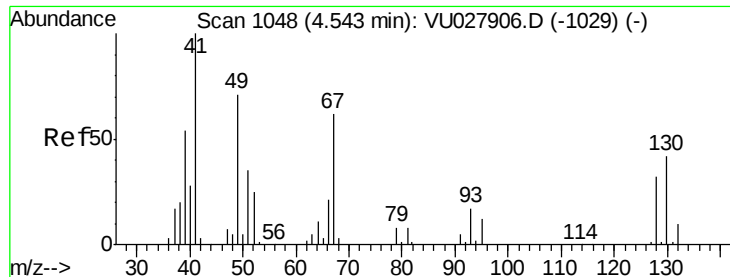
#40
Benzene
Concen: 54.331 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion: 78 Resp: 516798
Ion Ratio Lower Upper
78 100
77 24.1 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: 57.710 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 138937

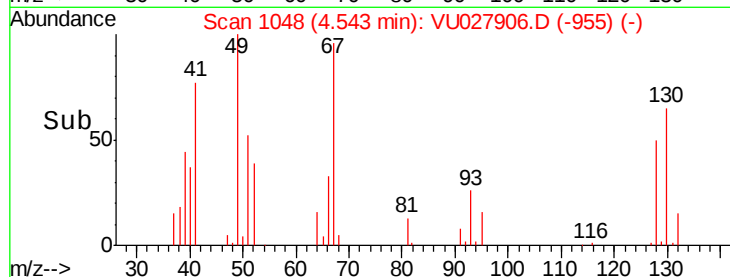
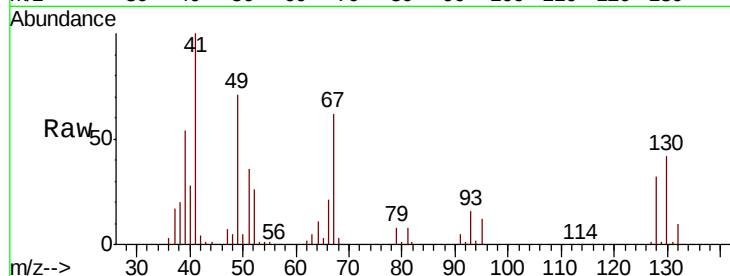
Ion Ratio Lower Upper

41 100

39 52.8 42.2 63.4

67 61.9 49.5 74.3

52 25.6 20.5 30.7

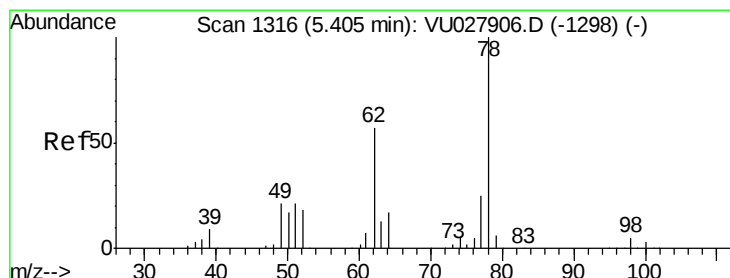
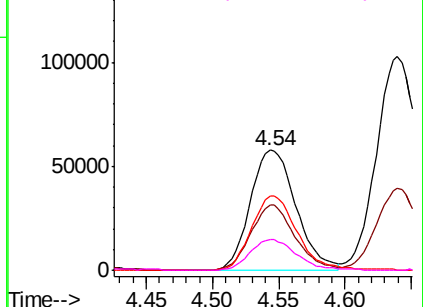


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 52.040 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU027906.D

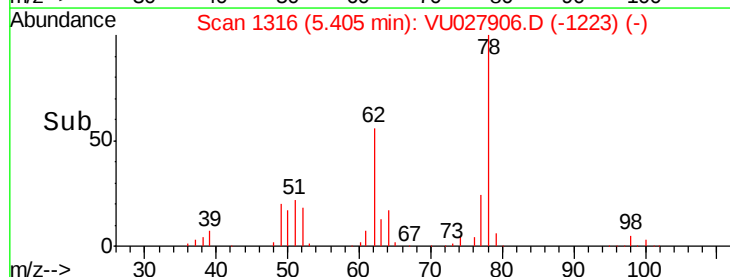
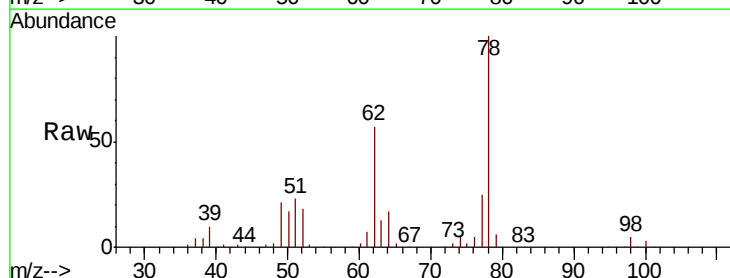
Acq: 01 Nov 2018 19:35

Tgt Ion: 62 Resp: 181579

Ion Ratio Lower Upper

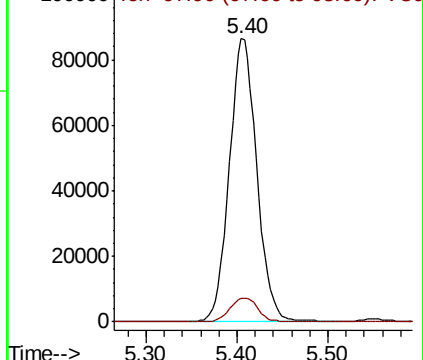
62 100

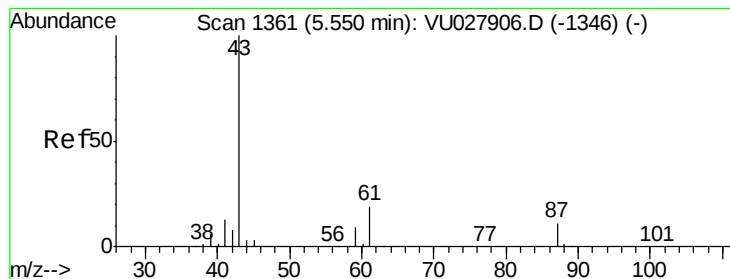
98 8.6 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 58.743 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

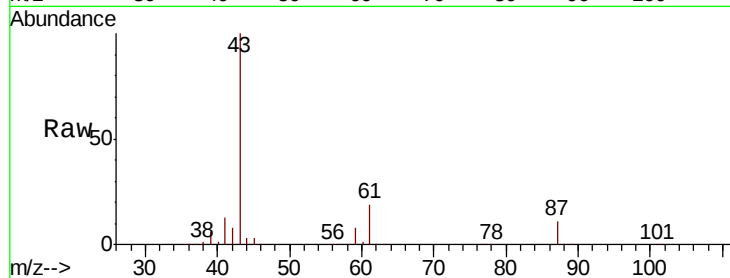
Tgt Ion: 43 Resp: 388401

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.4

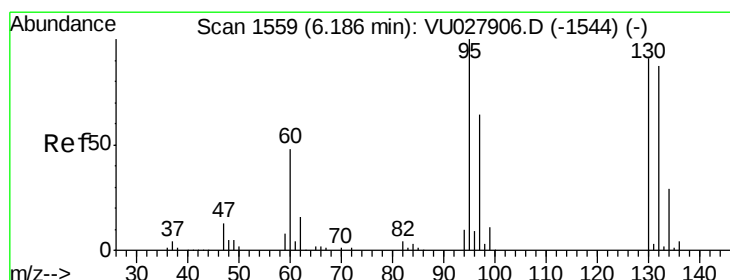
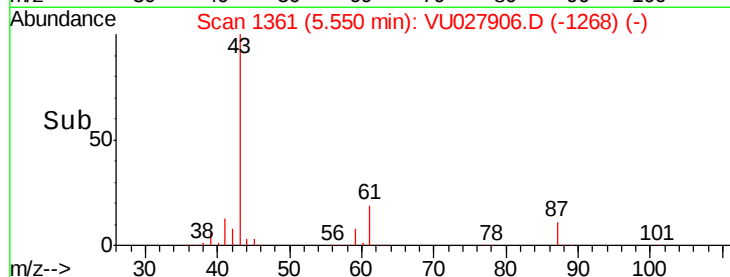
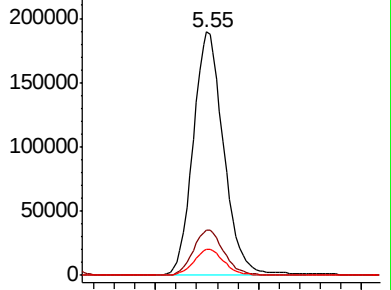
87 10.7 8.6 12.8



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) (-)



#44

Trichloroethene

Concen: 52.285 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027906.D

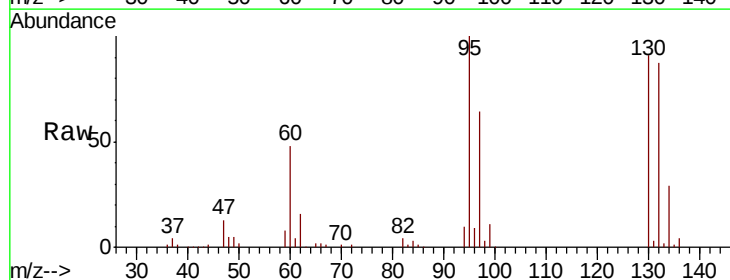
Acq: 01 Nov 2018 19:35

Tgt Ion: 130 Resp: 109952

Ion Ratio Lower Upper

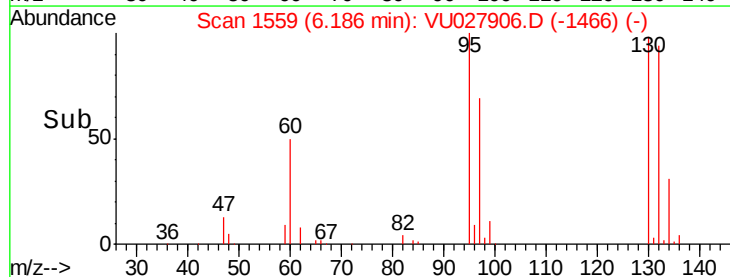
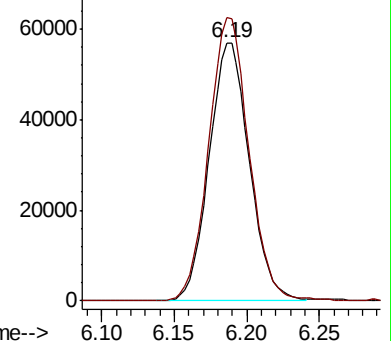
130 100

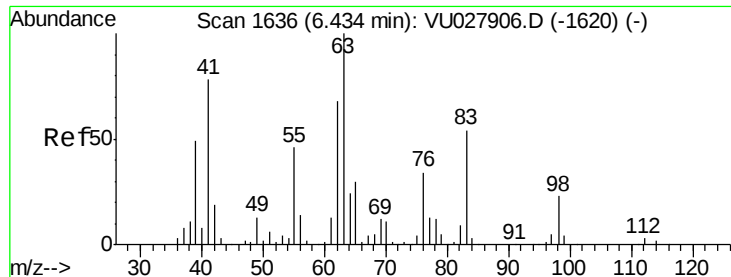
95 109.6 0.0 219.2



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

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

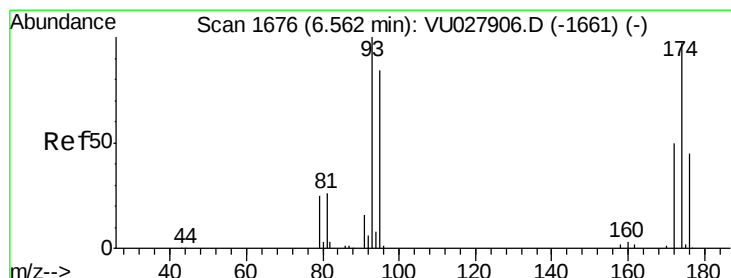
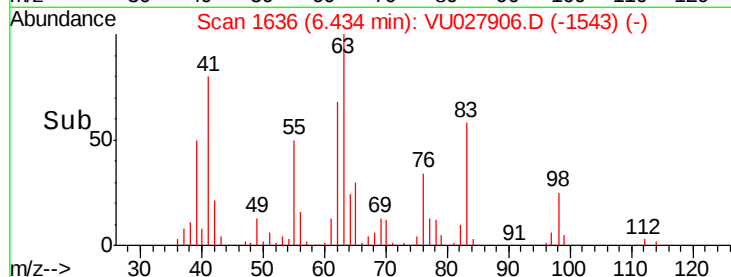
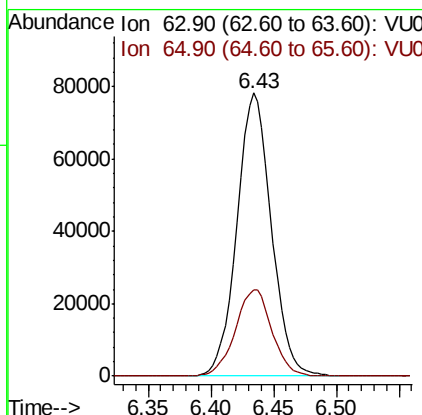
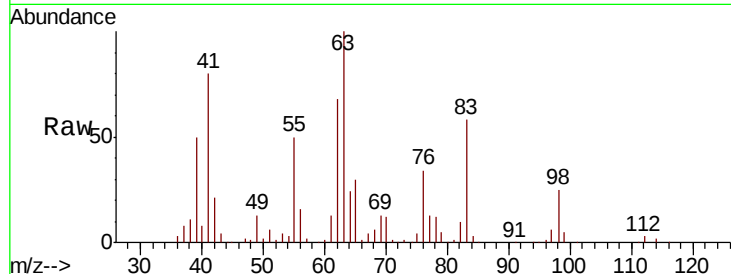




#45
 1,2-Dichloropropane
 Concen: 54.517 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

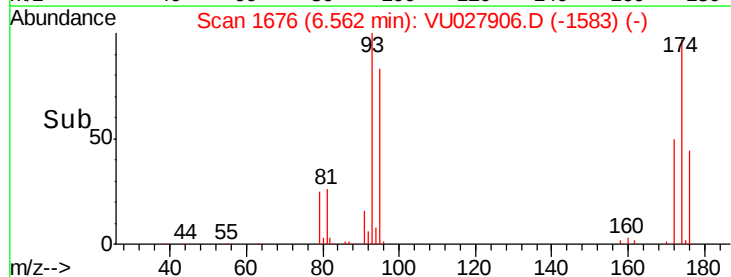
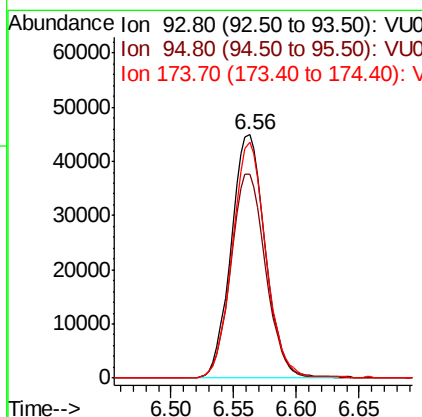
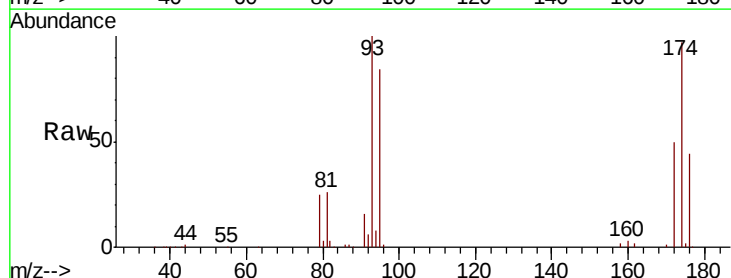
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

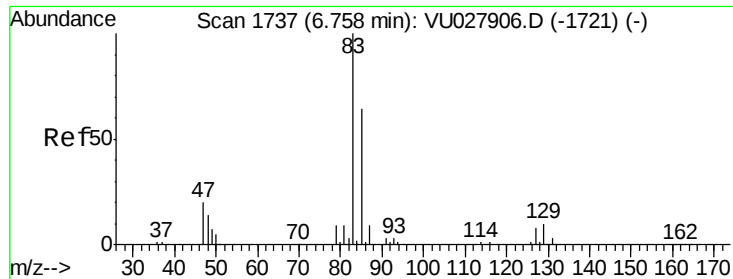
Tgt Ion: 63 Resp: 148979
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 55.106 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 93 Resp: 85094
 Ion Ratio Lower Upper
 93 100
 95 85.6 68.5 102.7
 174 95.1 76.1 114.1

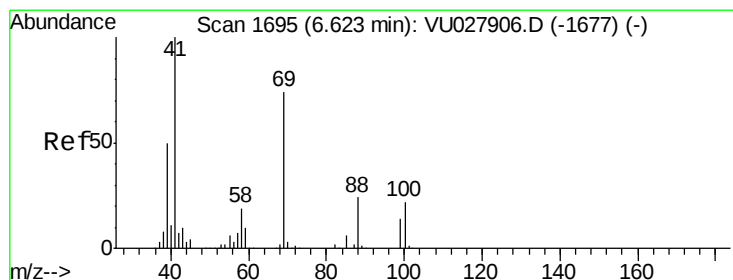
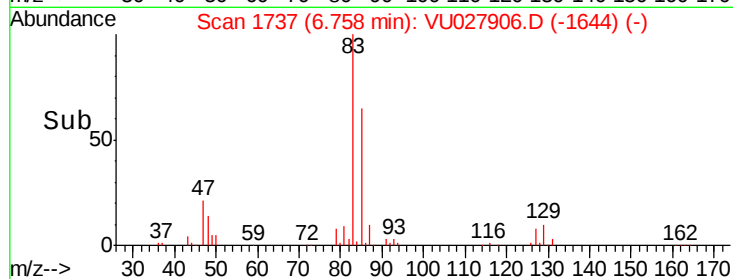
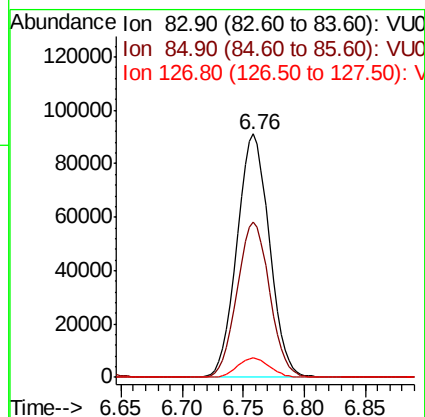
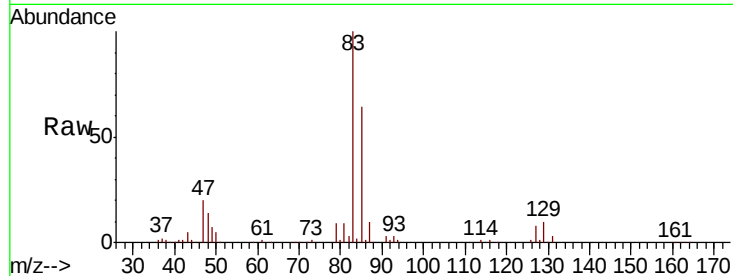




#47
 Bromodichloromethane
 Concen: 52.834 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

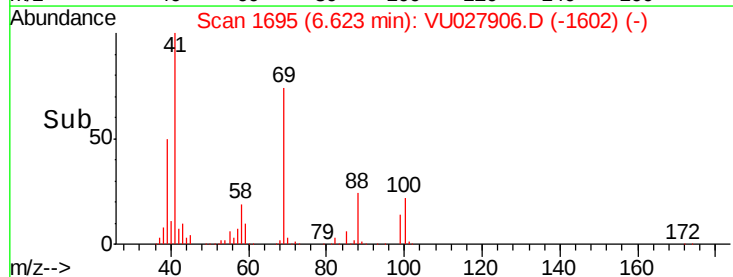
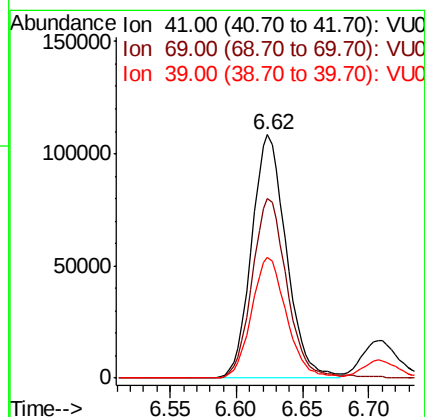
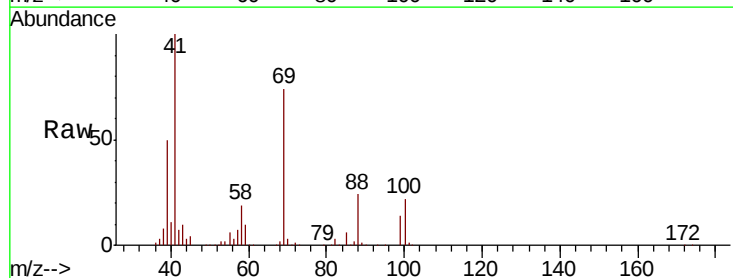
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

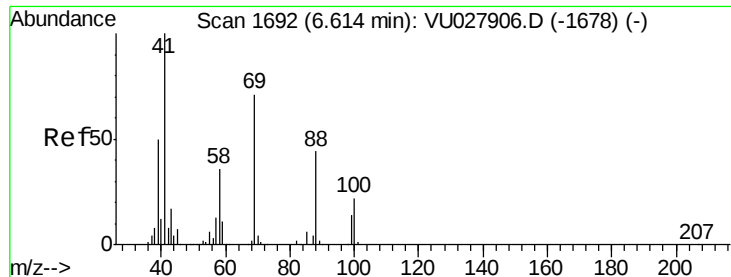
Tgt Ion: 83 Resp: 167941
 Ion Ratio Lower Upper
 83 100
 85 63.8 51.0 76.6
 127 7.8 6.2 9.4



#48
 Methyl methacrylate
 Concen: 59.505 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 41 Resp: 195831
 Ion Ratio Lower Upper
 41 100
 69 74.8 59.8 89.8
 39 50.0 40.0 60.0

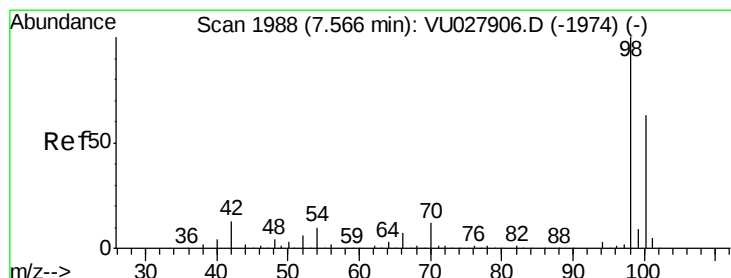
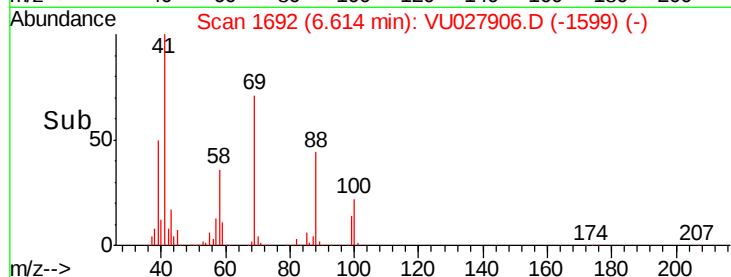
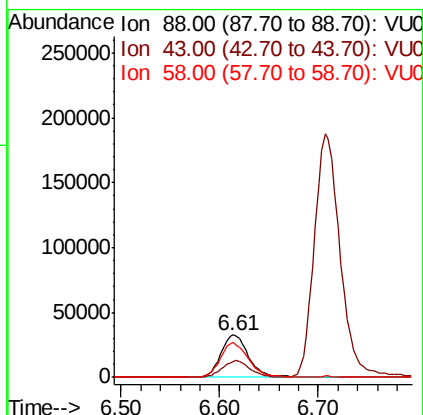
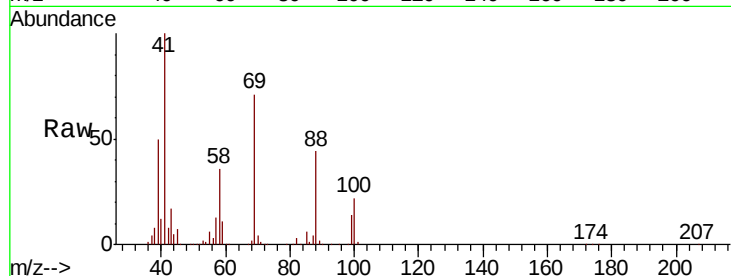




#49
1,4-Dioxane
Concen: 1136.757 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

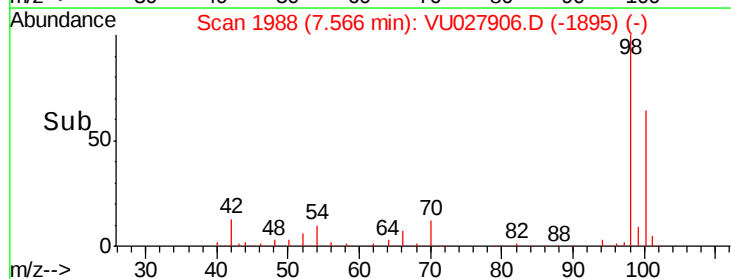
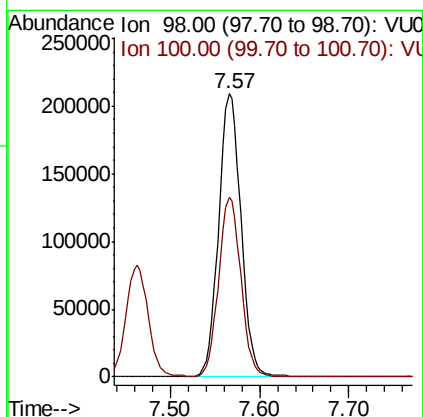
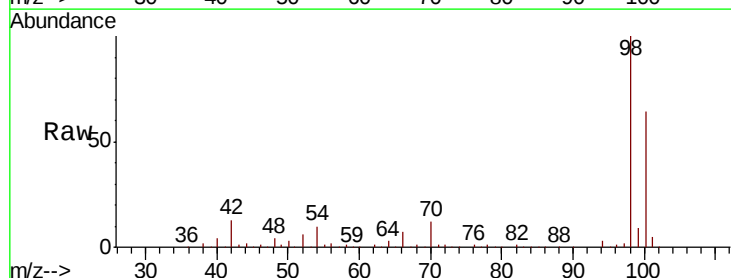
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

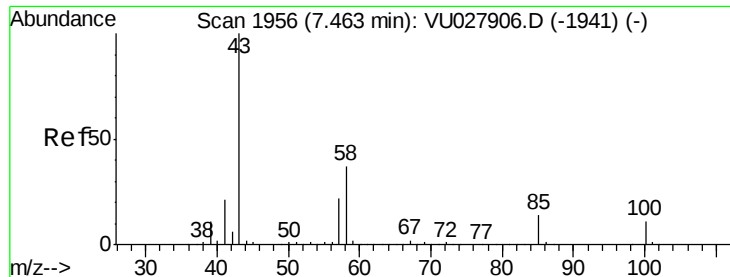
Tgt Ion: 88 Resp: 63795
Ion Ratio Lower Upper
88 100
43 38.1 30.5 45.7
58 83.9 67.1 100.7



#50
Toluene-d8
Concen: 48.107 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion: 98 Resp: 364435
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 300.691 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

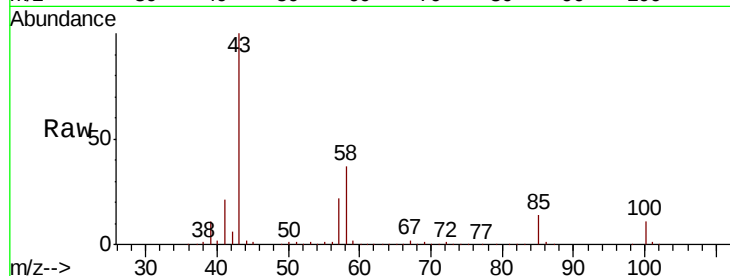
VSTDICCC050

Tgt Ion: 43 Resp: 1299797

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1941) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-1941) (-)

7.46

800000

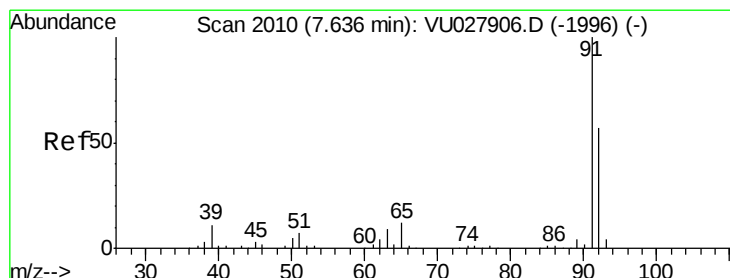
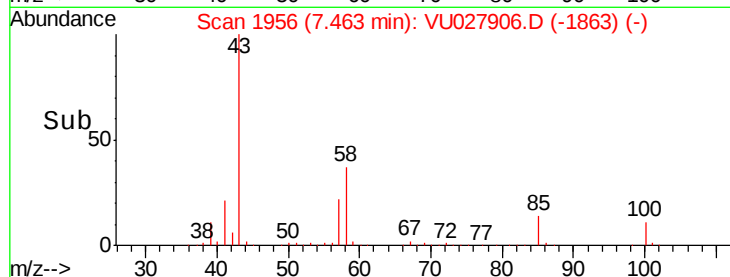
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.895 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027906.D

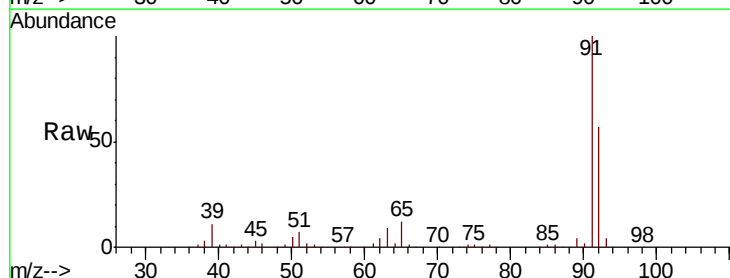
Acq: 01 Nov 2018 19:35

Tgt Ion: 92 Resp: 301795

Ion Ratio Lower Upper

92 100

91 176.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)

7.64

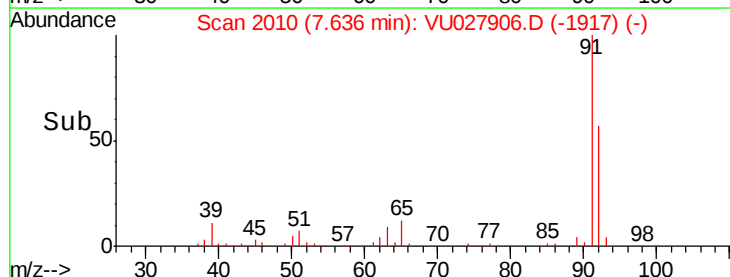
300000

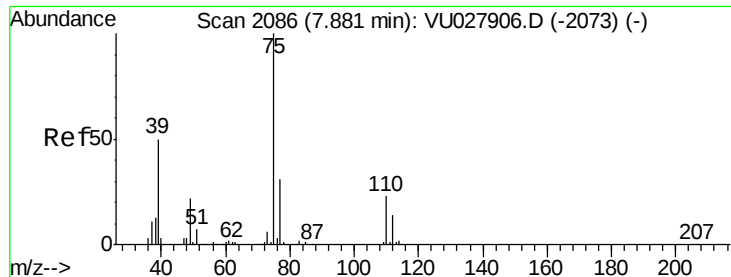
200000

100000

0

Time-->

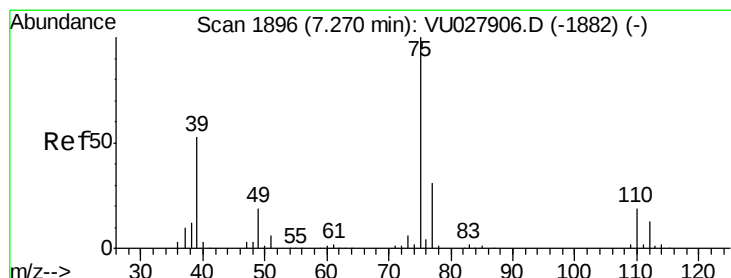
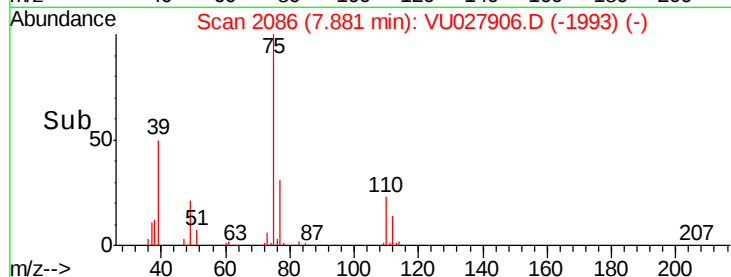
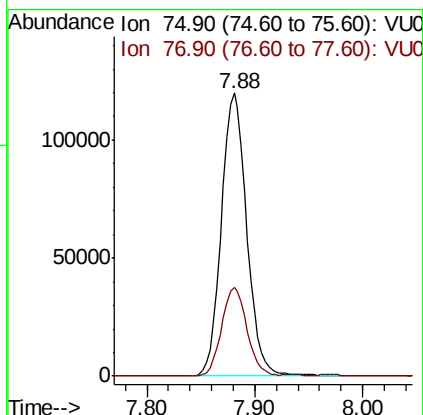
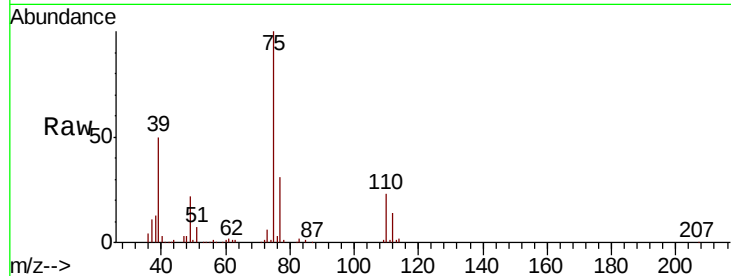




#53
 t-1,3-Dichloropropene
 Concen: 52.725 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

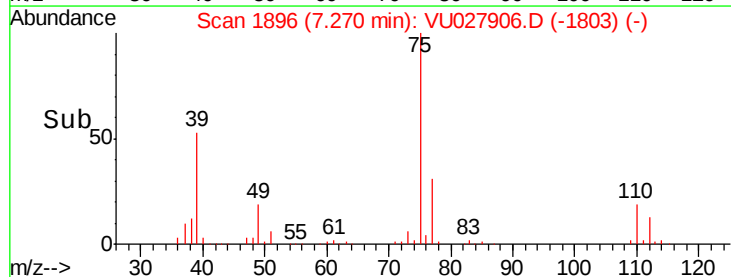
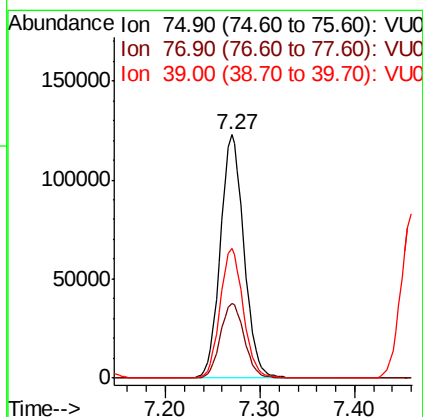
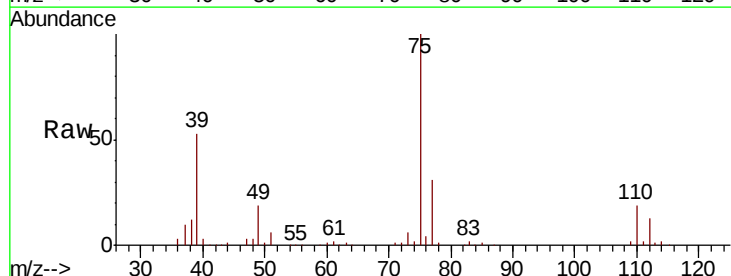
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

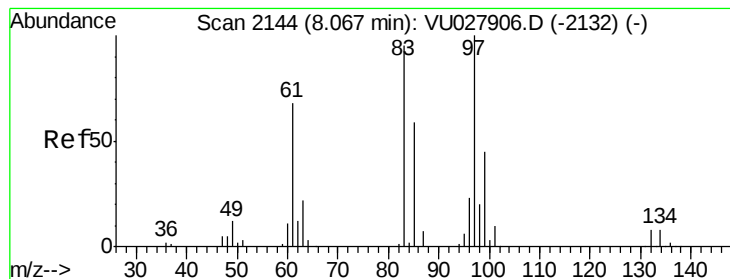
Tgt Ion: 75 Resp: 196166
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 53.152 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 75 Resp: 212771
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0
 39 53.3 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 54.152 ug/l

RT: 8.07 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 120240

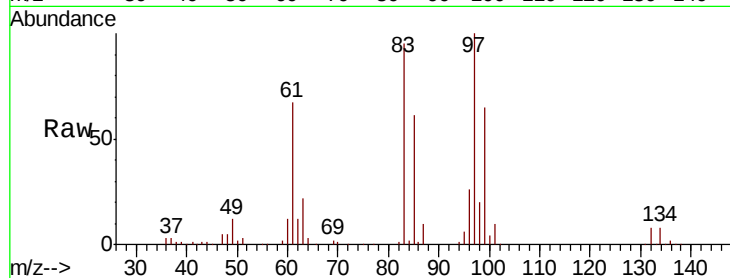
Ion Ratio Lower Upper

97 100

83 95.1 76.1 114.1

85 61.1 48.9 73.3

99 65.0 52.0 78.0

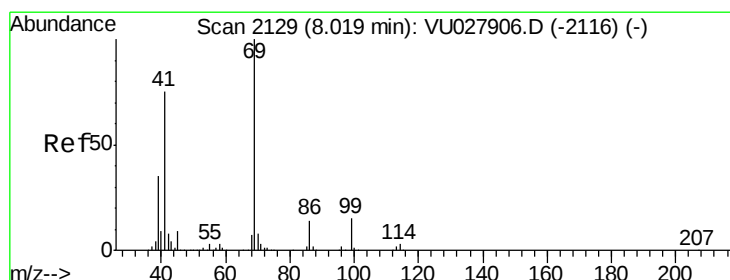
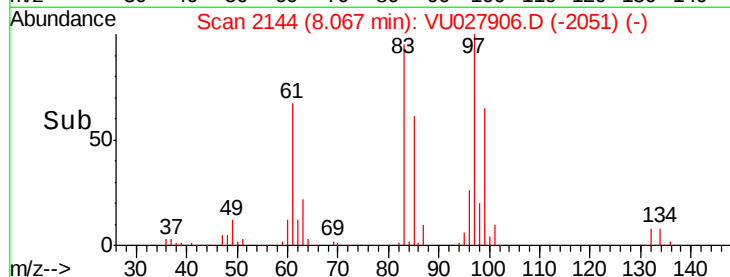
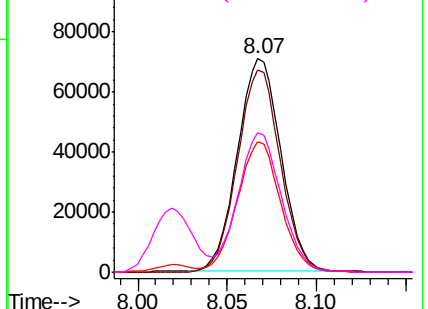


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 60.469 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

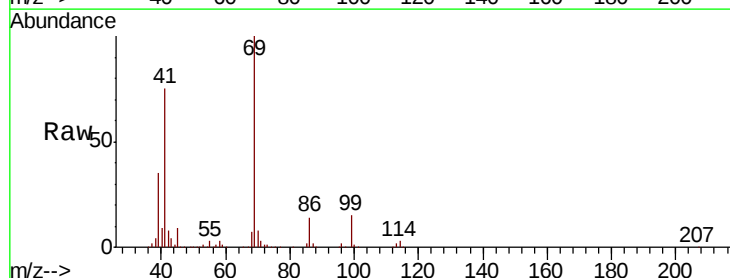
Tgt Ion: 69 Resp: 225416

Ion Ratio Lower Upper

69 100

41 74.7 59.8 89.6

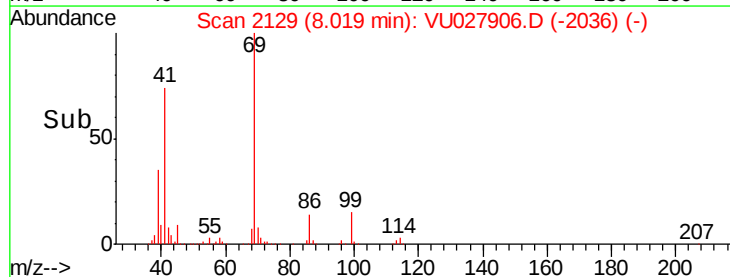
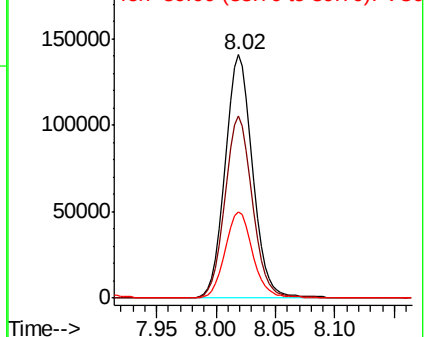
39 35.7 28.6 42.8

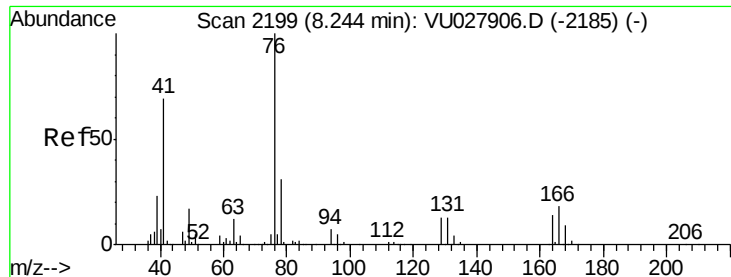


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

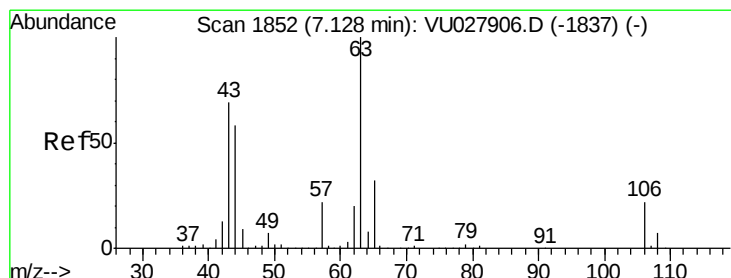
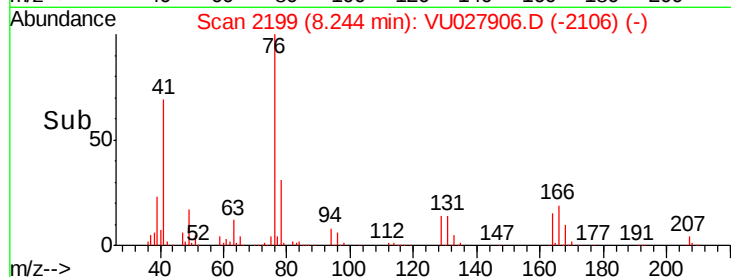
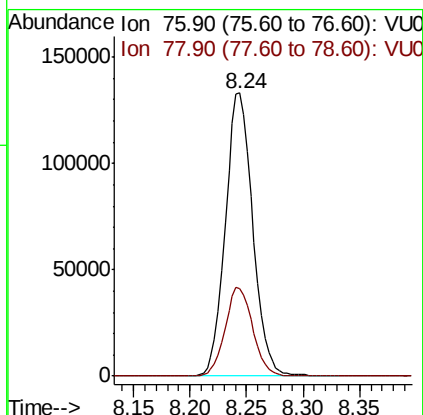
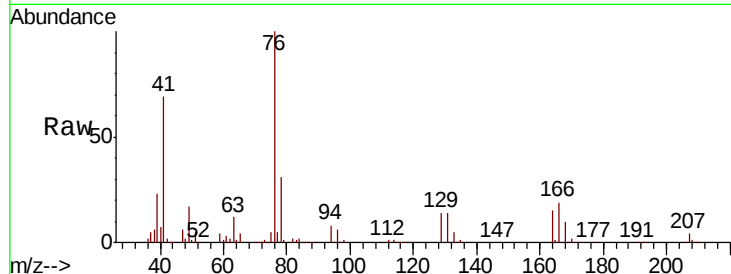




#57
 1,3-Dichloropropane
 Concen: 52.370 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

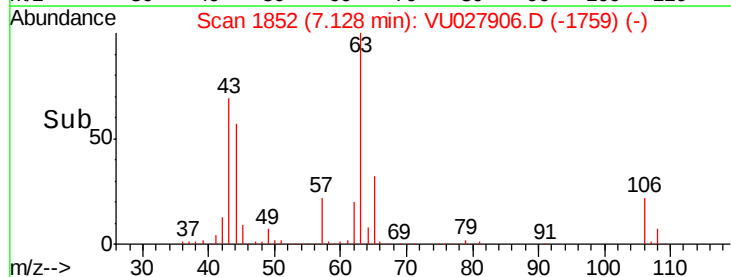
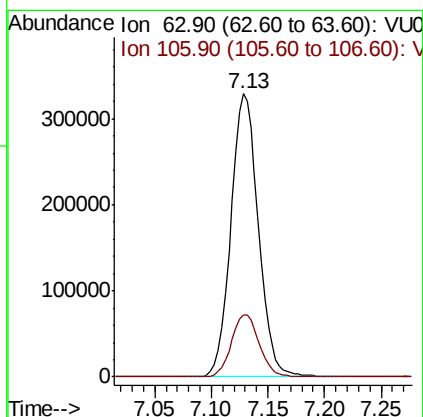
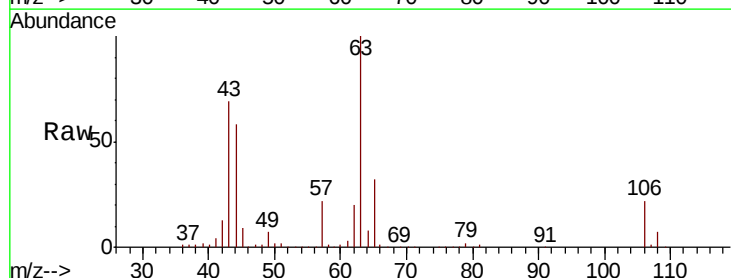
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

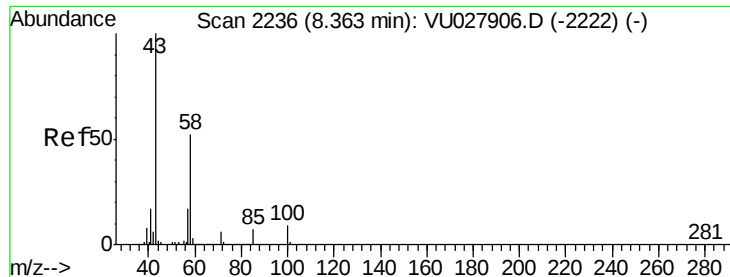
Tgt Ion: 76 Resp: 224911
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.756 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 63 Resp: 556679
 Ion Ratio Lower Upper
 63 100
 106 22.2 17.8 26.6

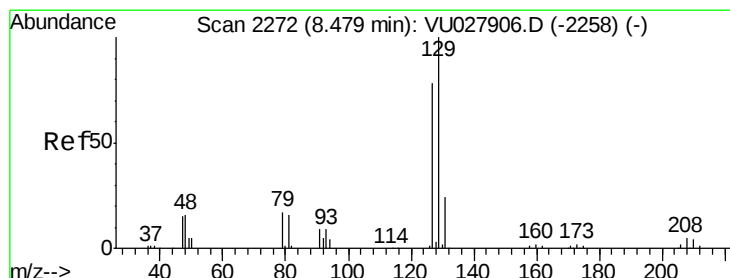
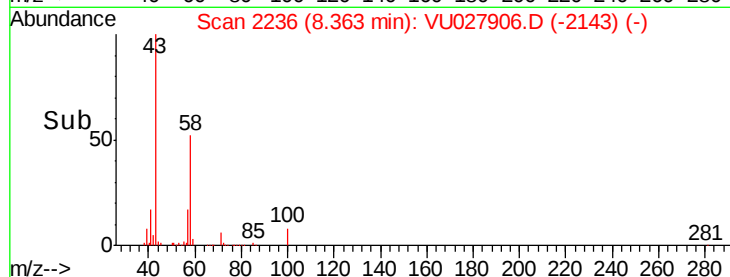
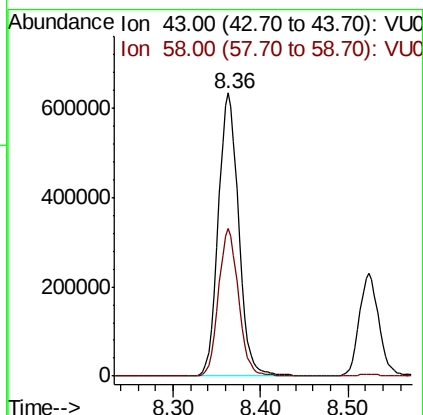
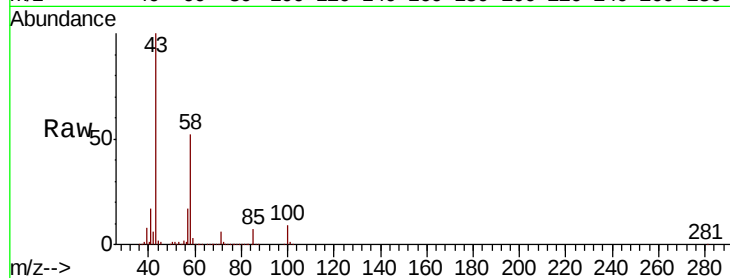




#59
2-Hexanone
Concen: 304.194 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

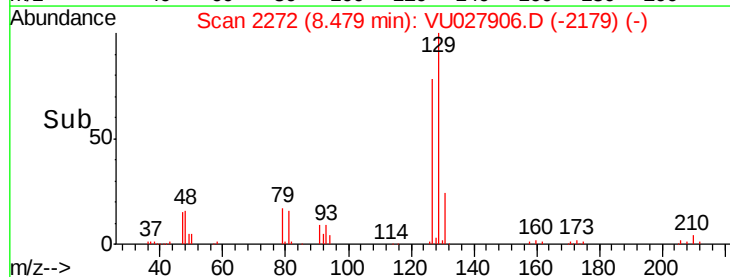
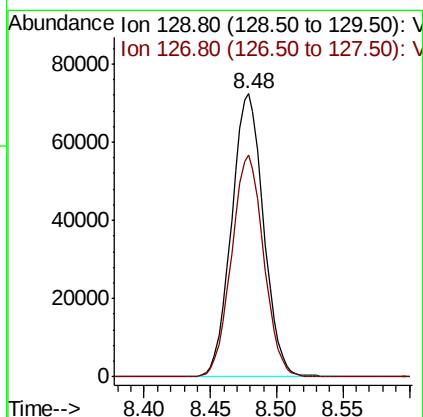
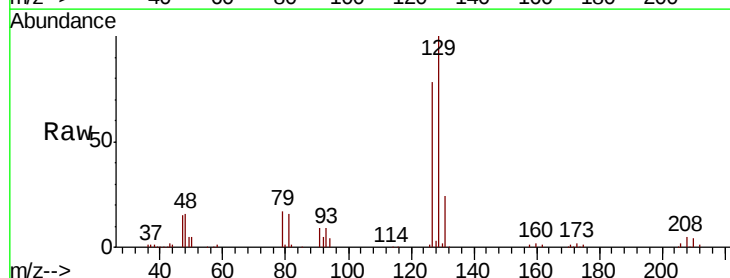
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

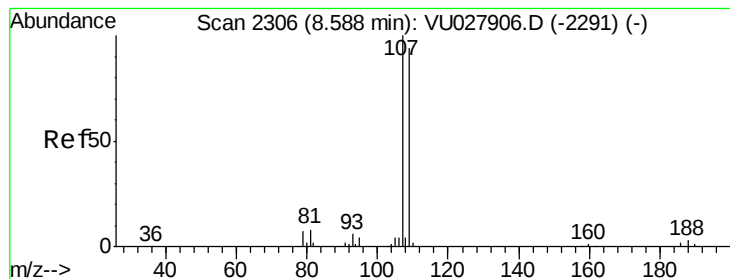
Tgt Ion: 43 Resp: 1022176
Ion Ratio Lower Upper
43 100
58 51.5 25.8 77.3



#60
Dibromochloromethane
Concen: 54.437 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion: 129 Resp: 121437
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 56.452 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

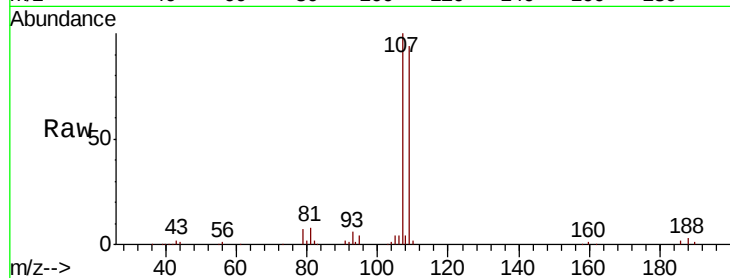
VSTDICCC050

Tgt Ion: 107 Resp: 134619

Ion Ratio Lower Upper

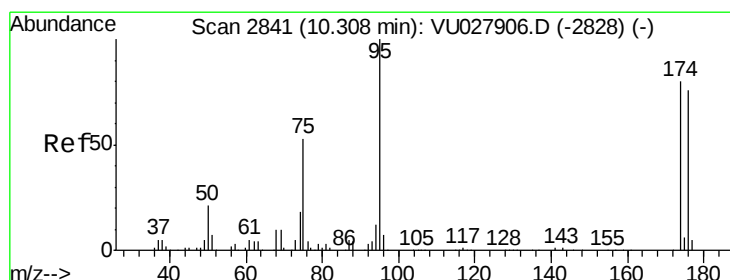
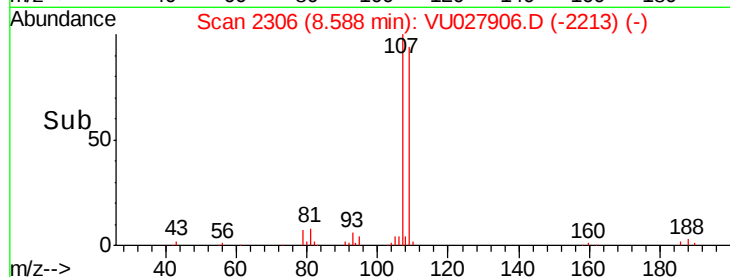
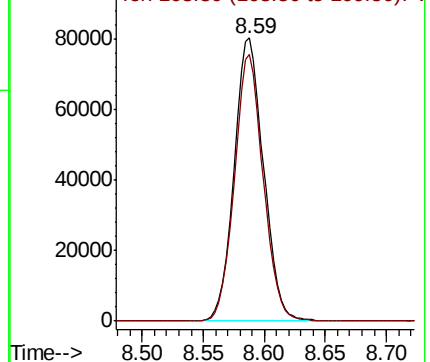
107 100

109 92.3 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.368 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

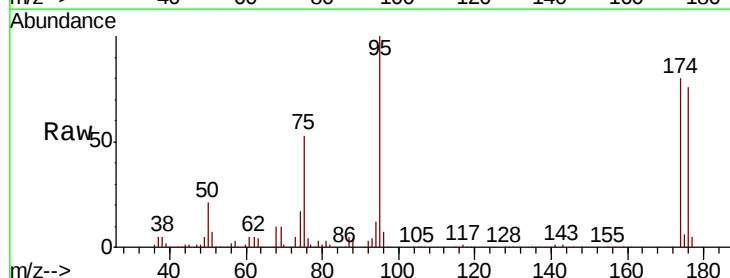
Tgt Ion: 95 Resp: 133685

Ion Ratio Lower Upper

95 100

174 78.2 0.0 156.4

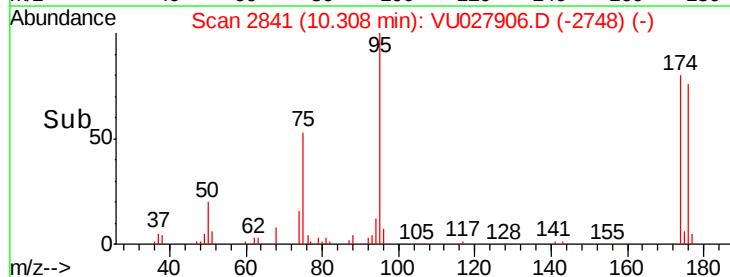
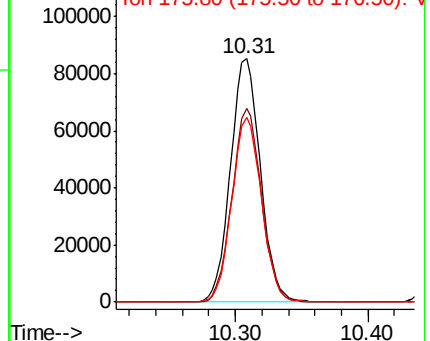
176 75.4 0.0 150.8

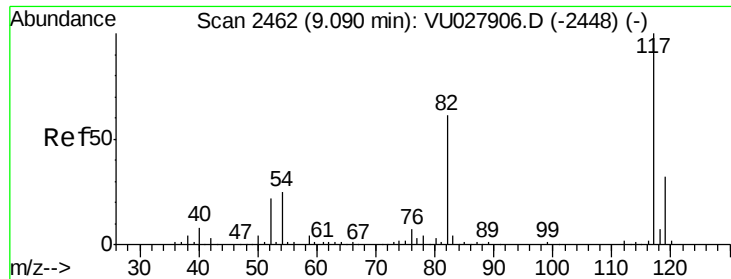


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

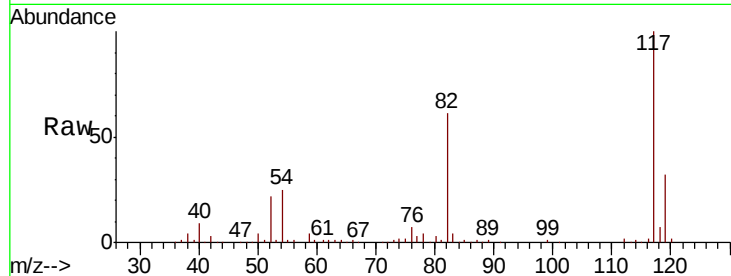




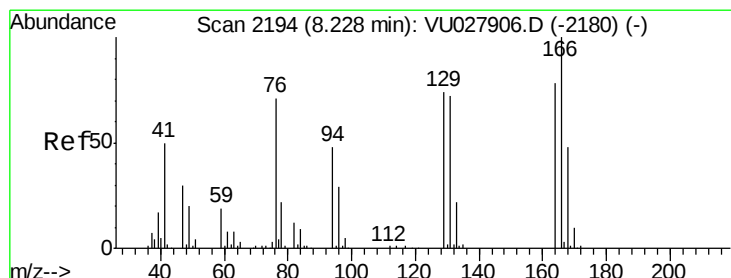
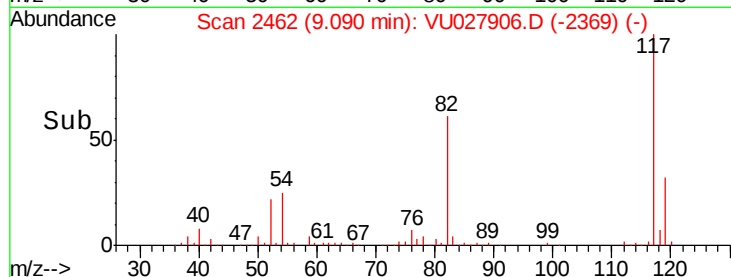
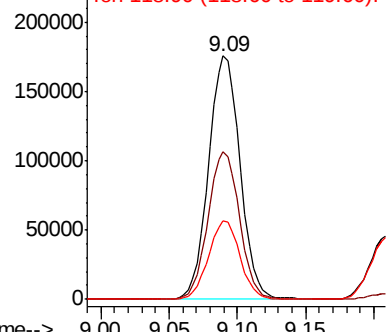
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 281605
Ion Ratio Lower Upper
117 100
82 60.8 48.6 73.0
119 32.3 25.8 38.8

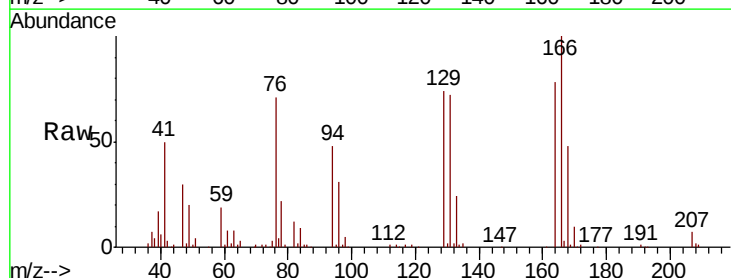


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

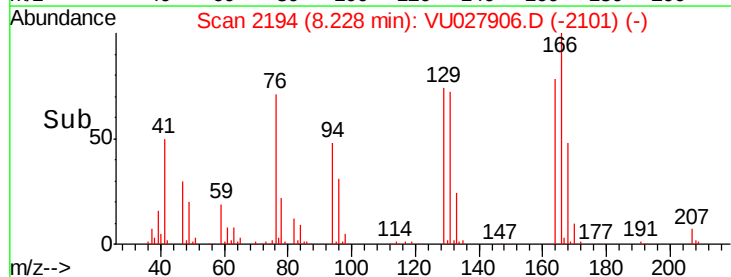
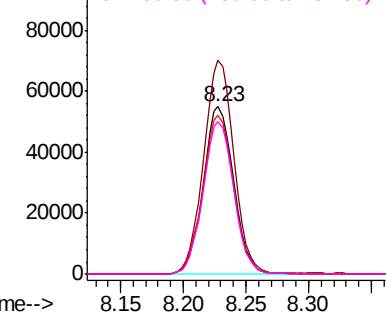


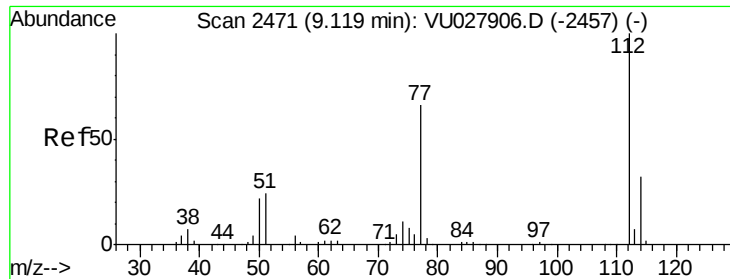
#64
Tetrachloroethene
Concen: 52.660 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion:164 Resp: 92303
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 94.9 75.9 113.9
131 91.3 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

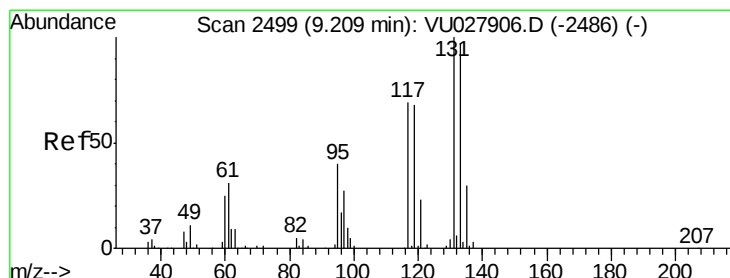
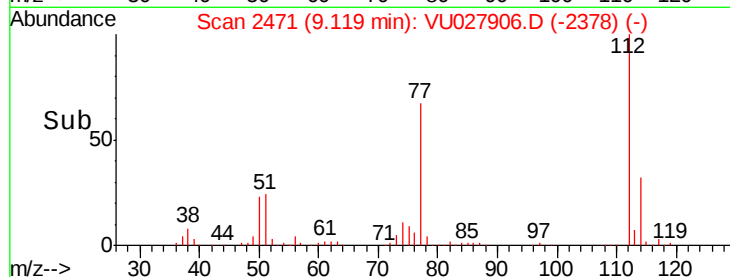
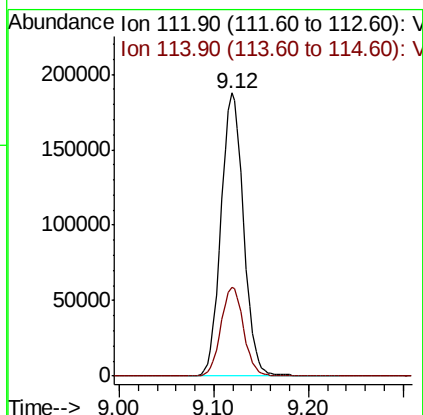
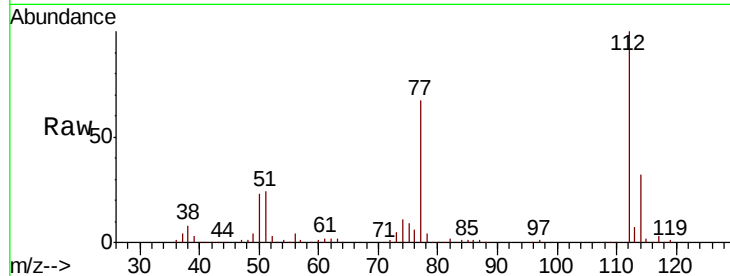




#65
Chlorobenzene
Concen: 52.327 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

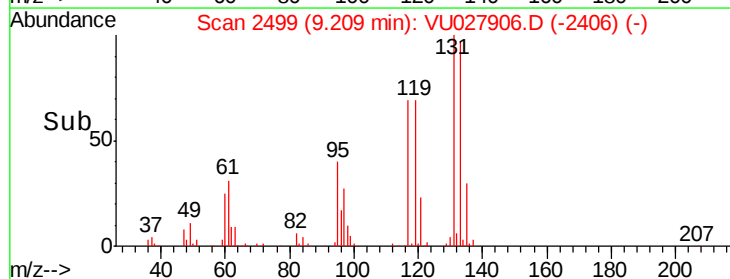
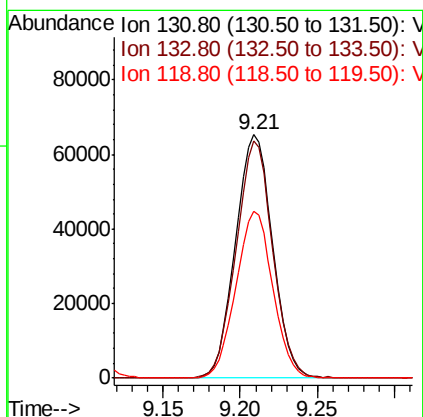
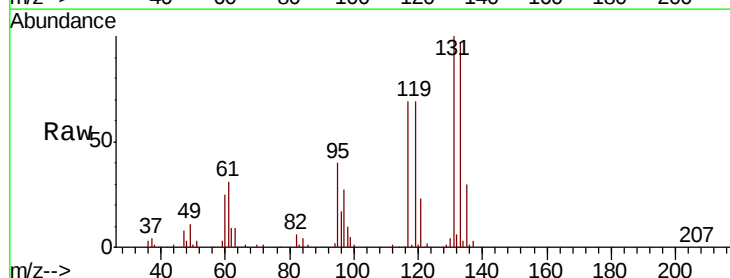
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

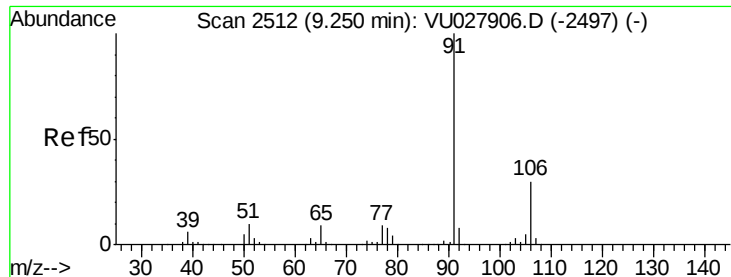
Tgt Ion:112 Resp: 311040
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.131 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion:131 Resp: 108807
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 67.9 34.0 101.8

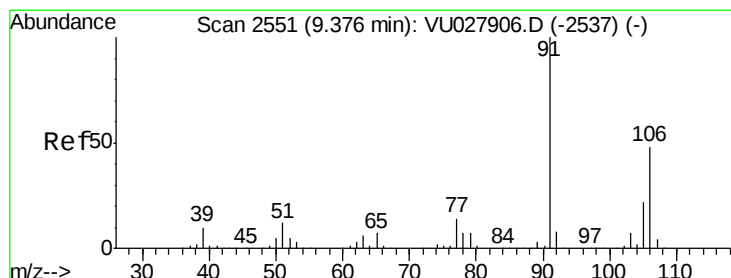
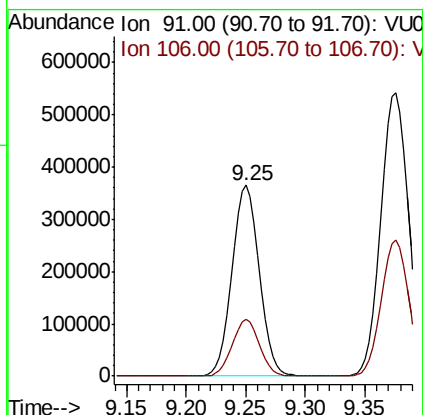
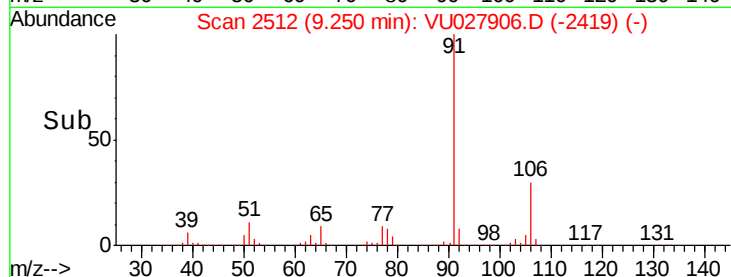
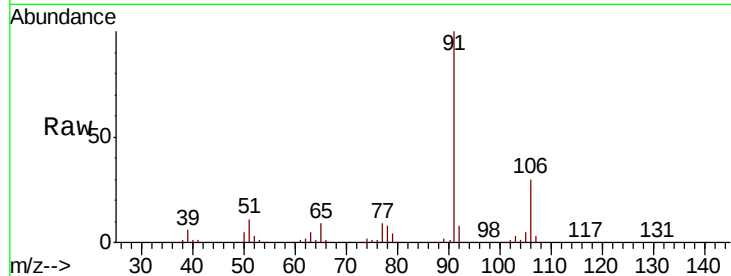




#67
 Ethyl Benzene
 Concen: 54.955 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

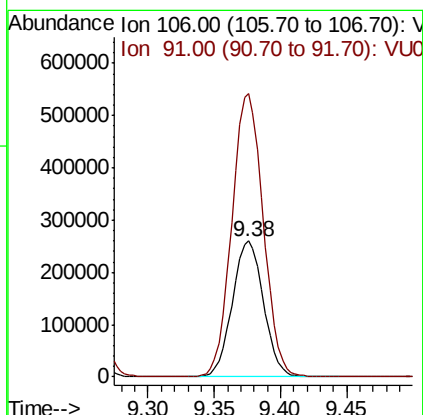
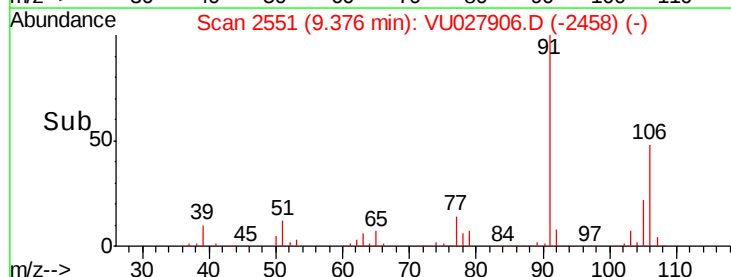
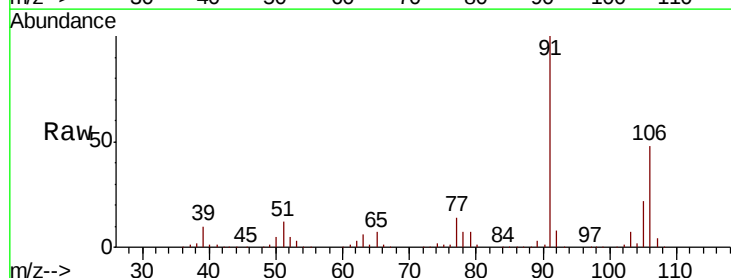
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

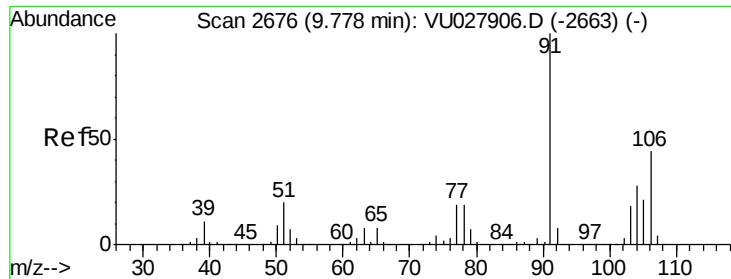
Tgt Ion: 91 Resp: 579781
 Ion Ratio Lower Upper
 91 100
 106 29.5 23.6 35.4



#68
 m/p-Xylenes
 Concen: 109.820 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 106 Resp: 422473
 Ion Ratio Lower Upper
 106 100
 91 210.3 168.2 252.4

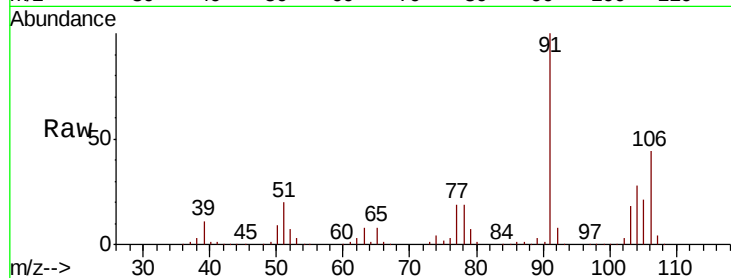




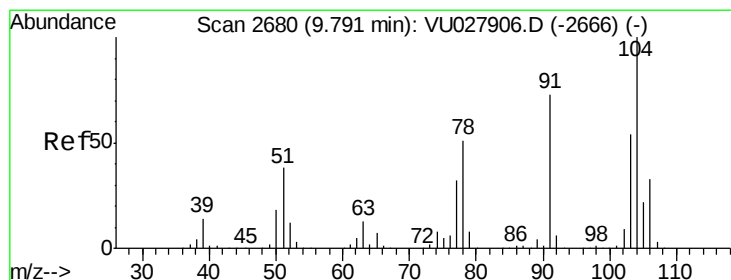
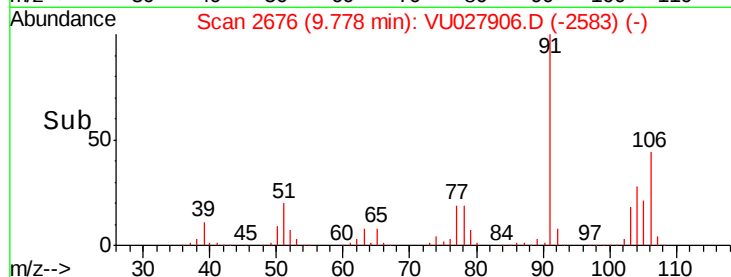
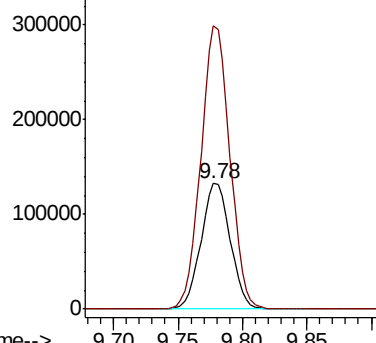
#69
o-Xylene
Concen: 56.942 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 209129
Ion Ratio Lower Upper
106 100
91 222.3 111.1 333.4

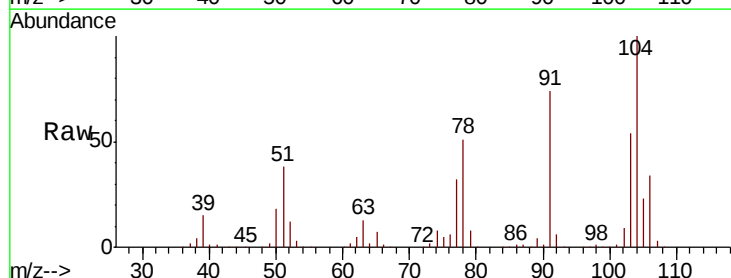


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

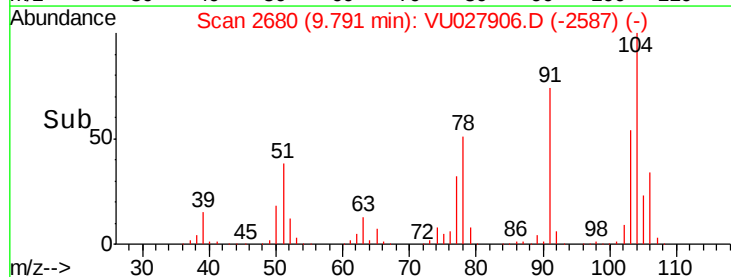
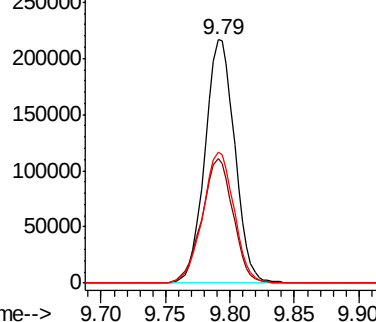


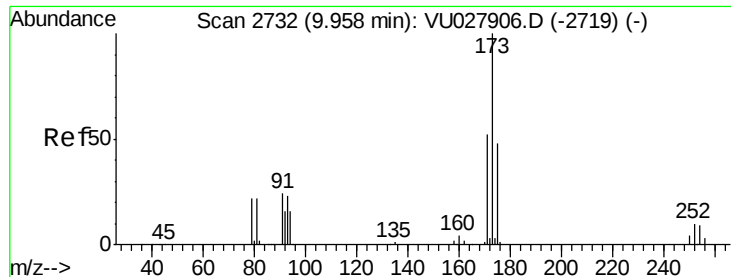
#70
Styrene
Concen: 57.723 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion:104 Resp: 348309
Ion Ratio Lower Upper
104 100
78 53.7 43.0 64.4
103 56.4 45.1 67.7



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





#71

Bromoform

Concen: 55.536 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

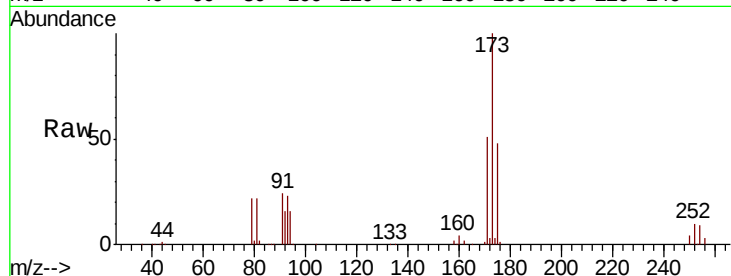
Tgt Ion:173 Resp: 92453

Ion Ratio Lower Upper

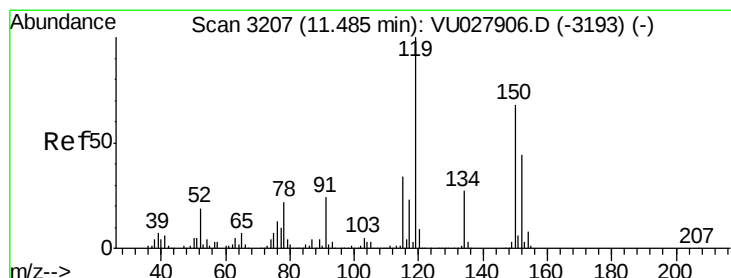
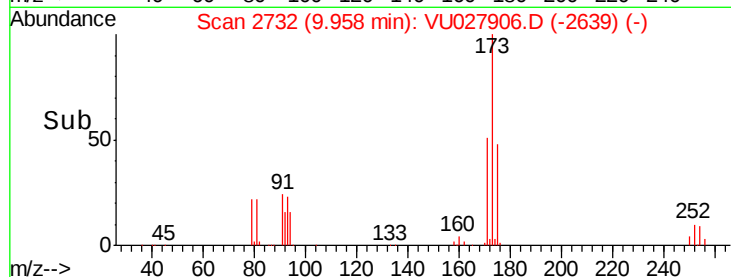
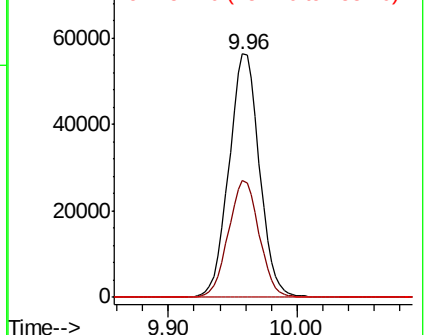
173 100

175 48.5 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: VU027906.D

Acq: 01 Nov 2018 19:35

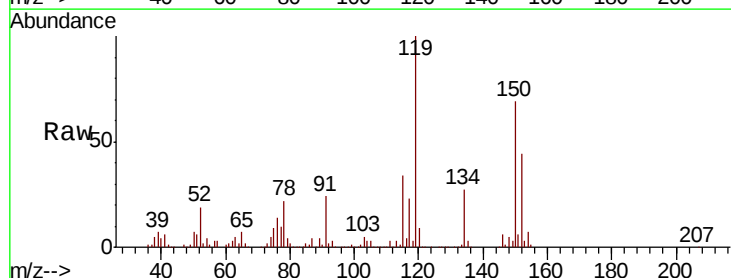
Tgt Ion:152 Resp: 140104

Ion Ratio Lower Upper

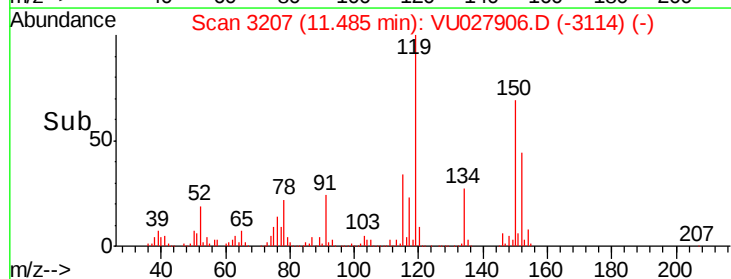
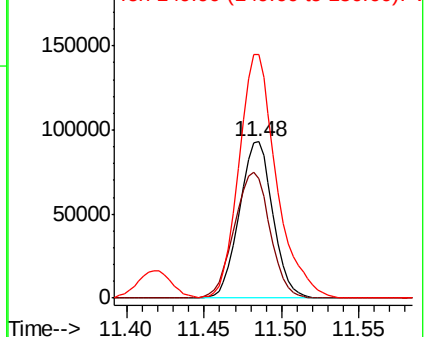
152 100

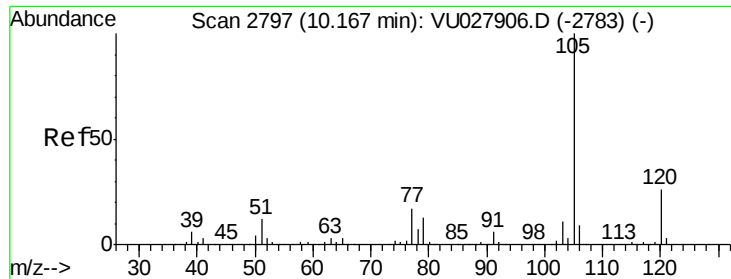
115 86.0 43.0 129.0

150 174.7 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: 54.940 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

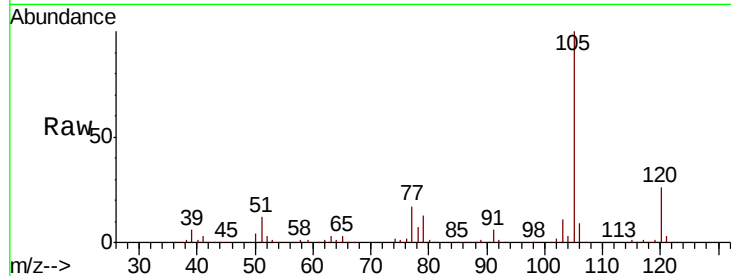
VSTDICCC050

Tgt Ion: 105 Resp: 559687

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

400000

300000

200000

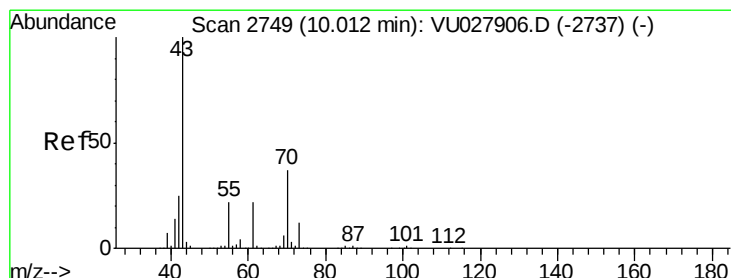
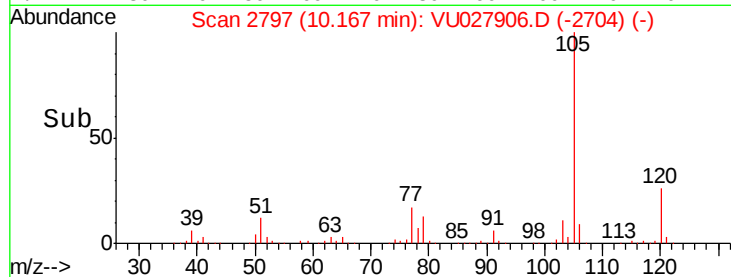
100000

0

Time-->

10.10

10.20



#74

N-ethyl acetate

Concen: 59.639 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Tgt Ion: 43 Resp: 354801

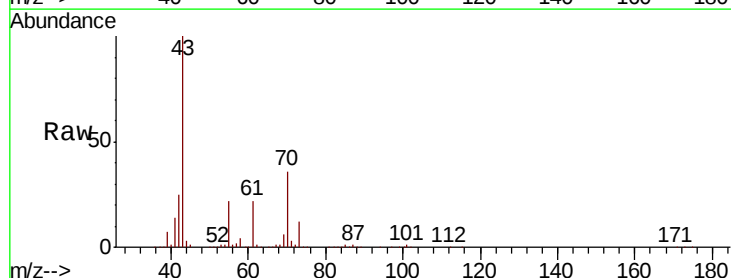
Ion Ratio Lower Upper

43 100

70 36.5 29.2 43.8

55 22.2 17.8 26.6

61 22.3 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

300000

200000

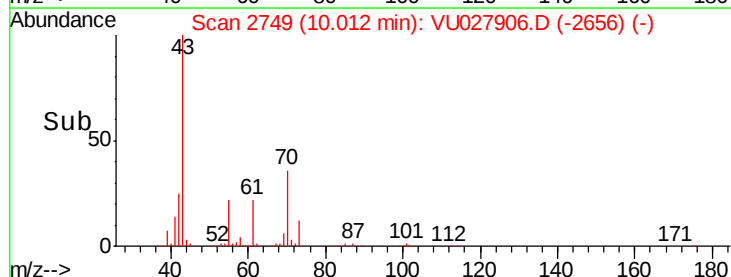
100000

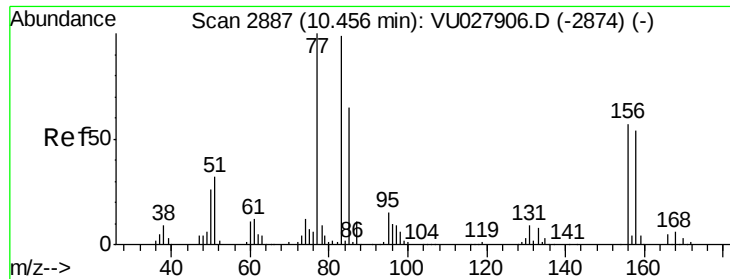
0

Time-->

10.00

10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 55.588 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

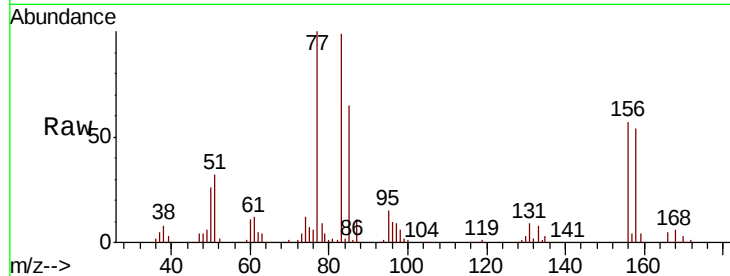
Tgt Ion: 83 Resp: 225749

Ion Ratio Lower Upper

83 100

131 8.7 4.3 13.1

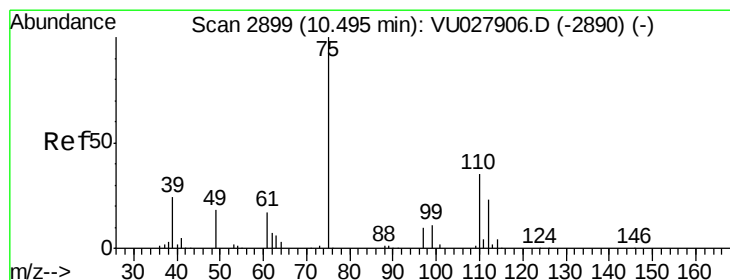
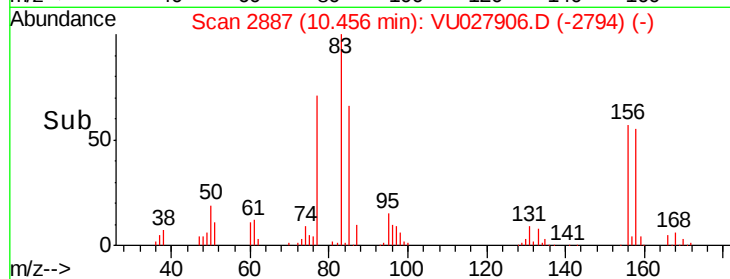
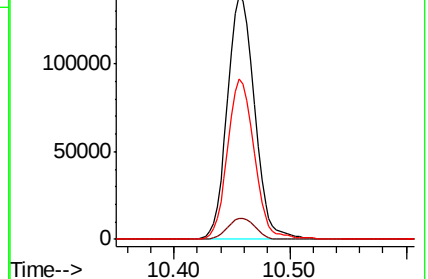
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027906.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027906.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 73.265 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027906.D

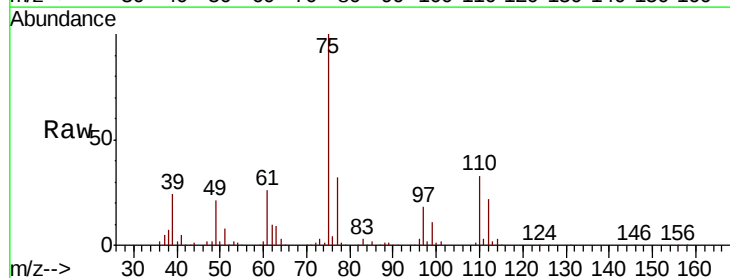
Acq: 01 Nov 2018 19:35

Tgt Ion: 75 Resp: 266134

Ion Ratio Lower Upper

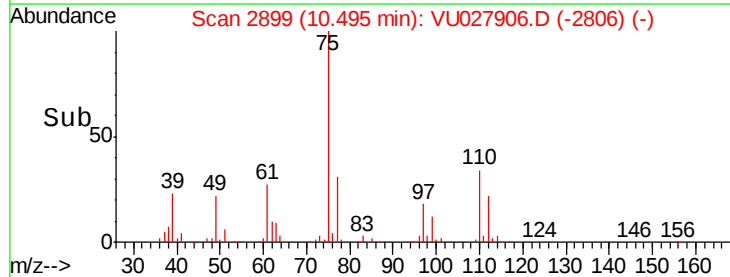
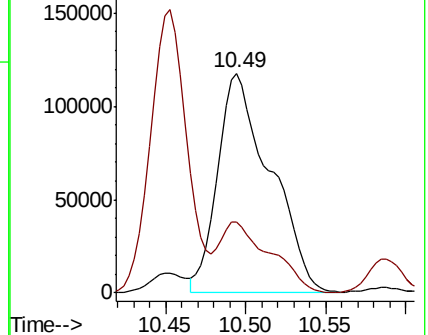
75 100

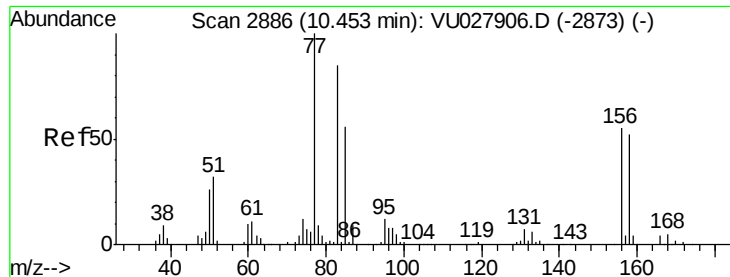
77 31.1 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027906.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027906.D (-2890) (-)





#77

Bromobenzene

Concen: 55.517 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

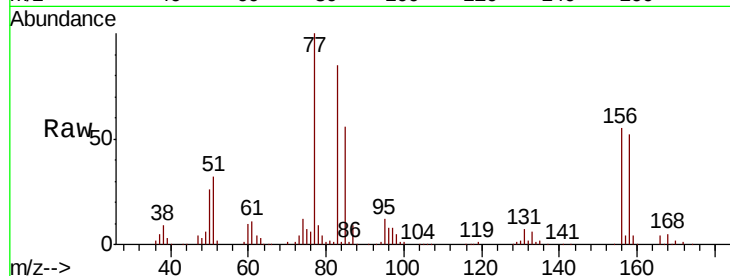
Tgt Ion:156 Resp: 132762

Ion Ratio Lower Upper

156 100

77 183.7 91.8 275.6

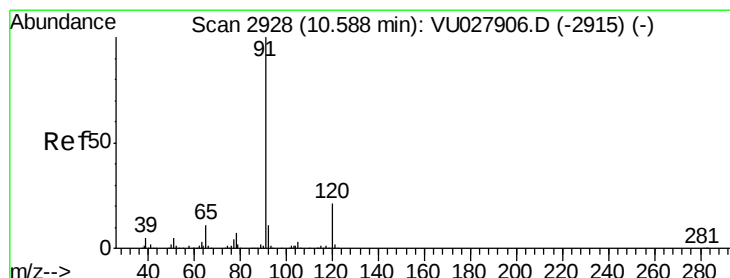
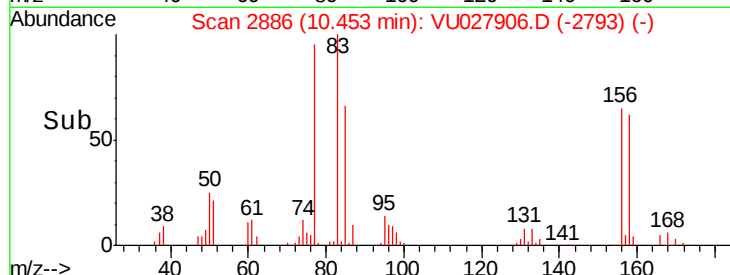
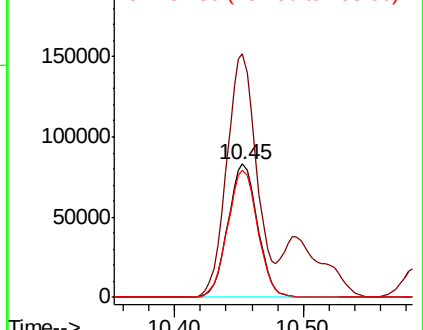
158 96.8 48.4 145.2



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: 55.818 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027906.D

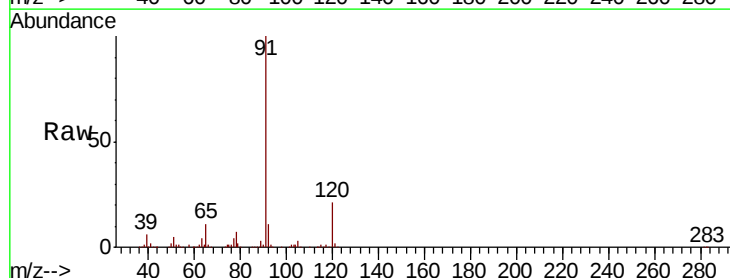
Acq: 01 Nov 2018 19:35

Tgt Ion: 91 Resp: 684014

Ion Ratio Lower Upper

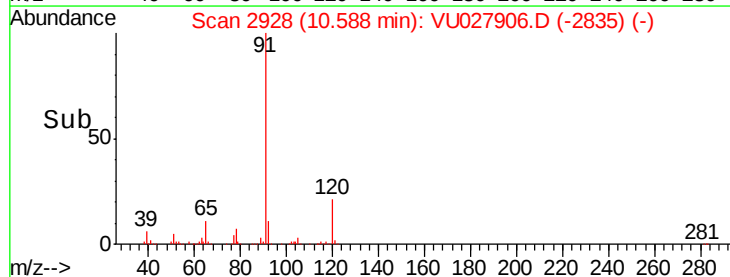
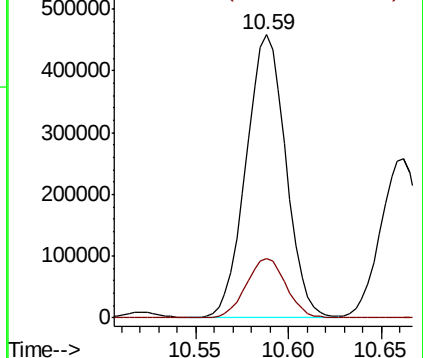
91 100

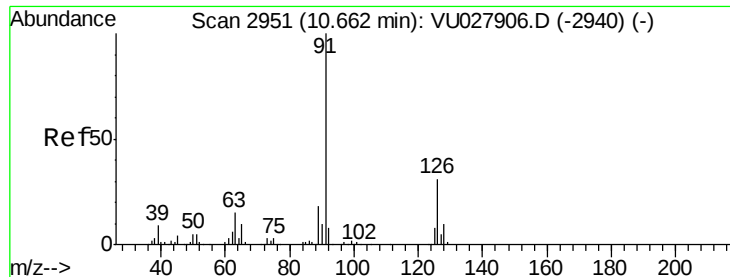
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.750 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

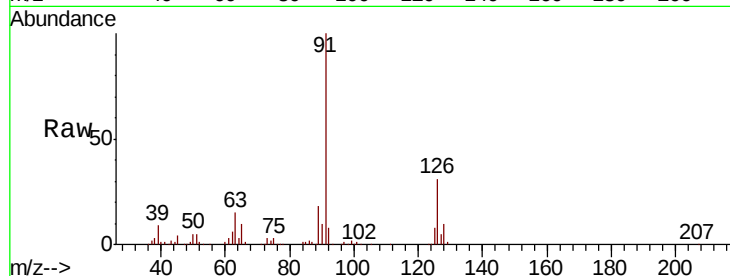
VSTDICCC050

Tgt Ion: 91 Resp: 397732

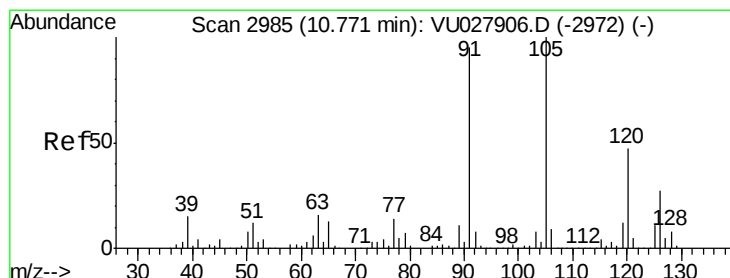
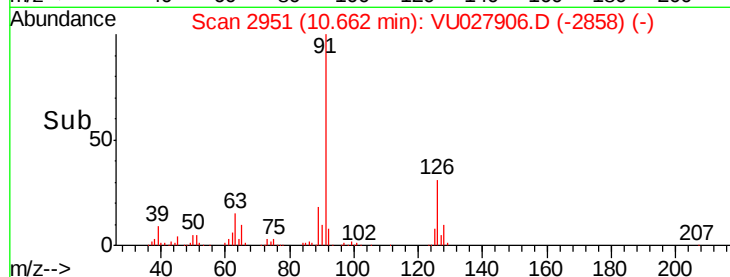
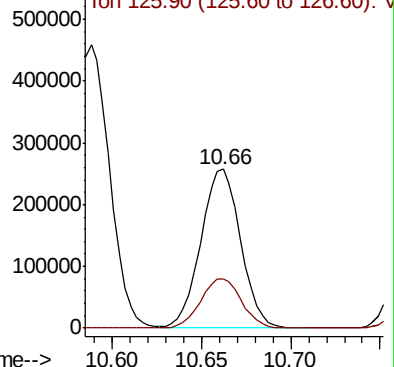
Ion Ratio Lower Upper

91 100

126 31.9 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 57.004 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027906.D

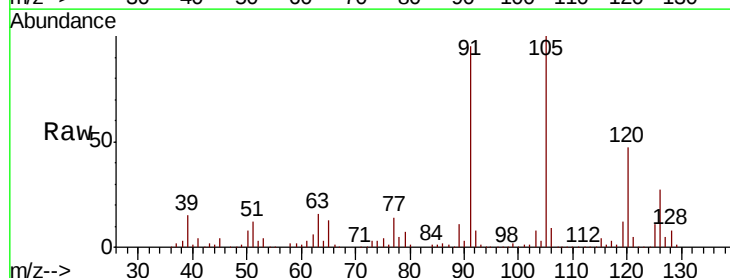
Acq: 01 Nov 2018 19:35

Tgt Ion: 105 Resp: 475795

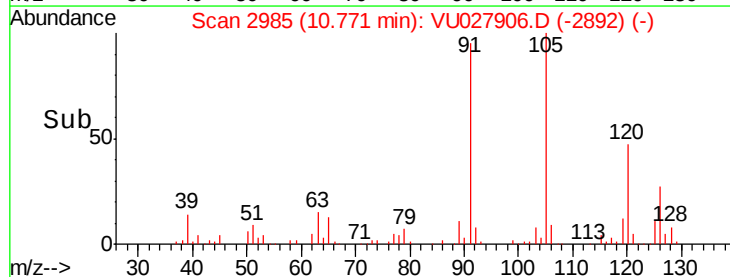
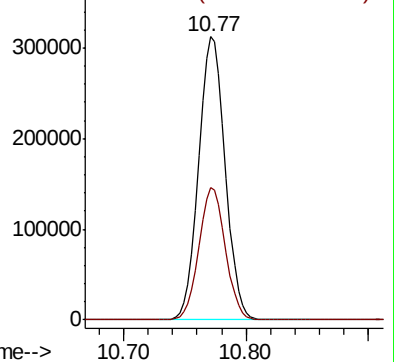
Ion Ratio Lower Upper

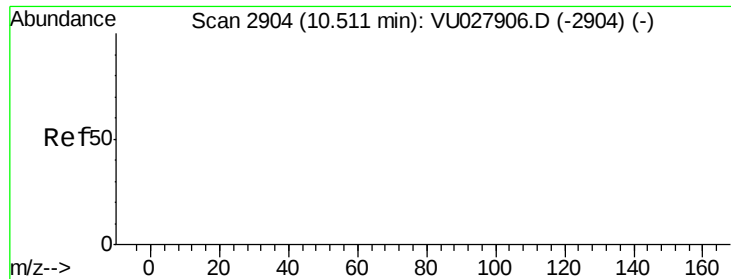
105 100

120 46.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VU027906.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 189.315 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

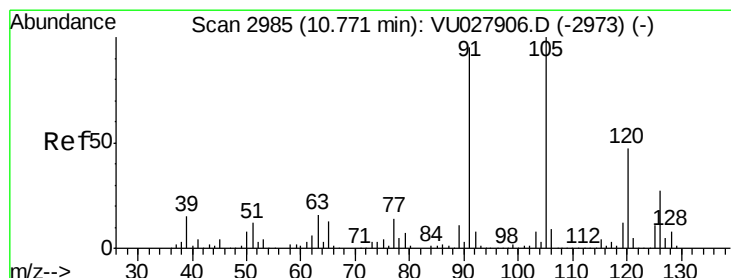
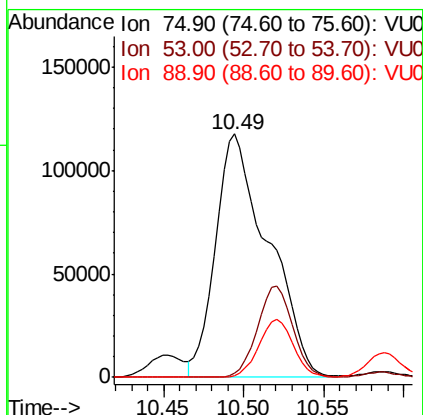
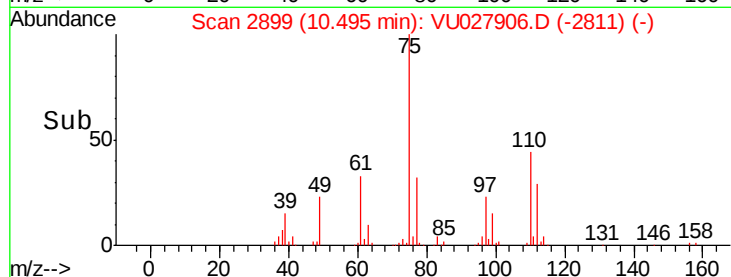
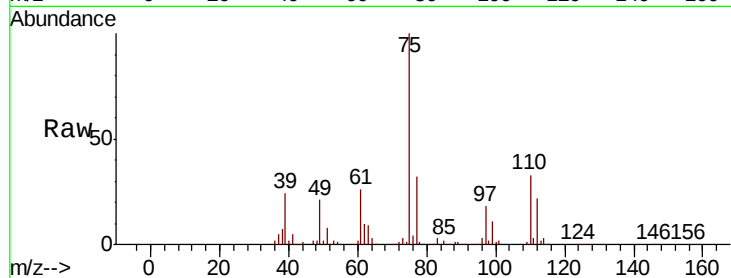
Tgt Ion: 75 Resp: 266134

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 54.366 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027906.D

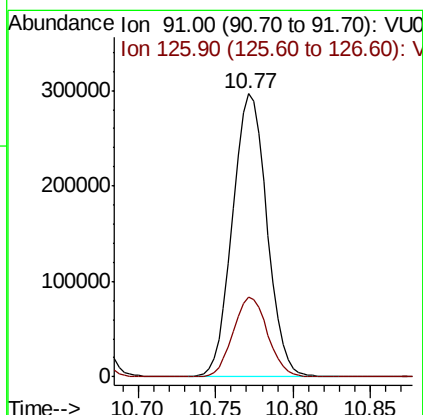
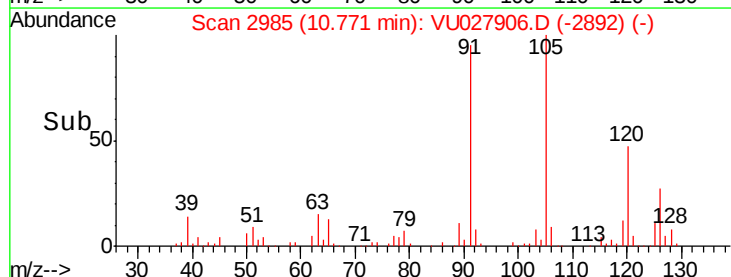
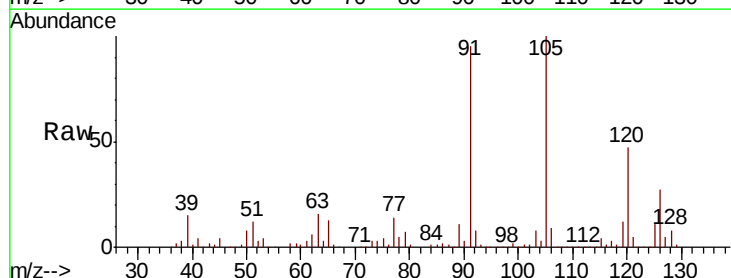
Acq: 01 Nov 2018 19:35

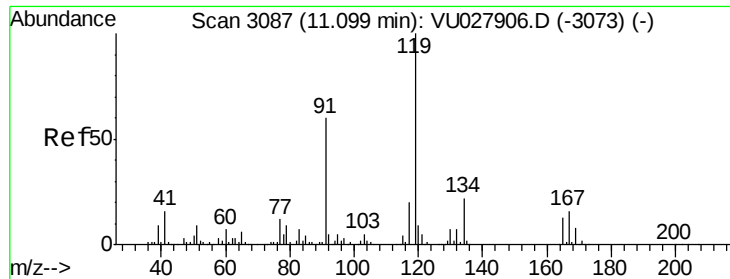
Tgt Ion: 91 Resp: 455188

Ion Ratio Lower Upper

91 100

126 28.4 14.2 42.6

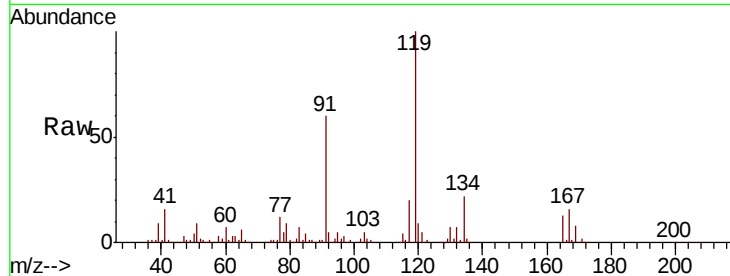




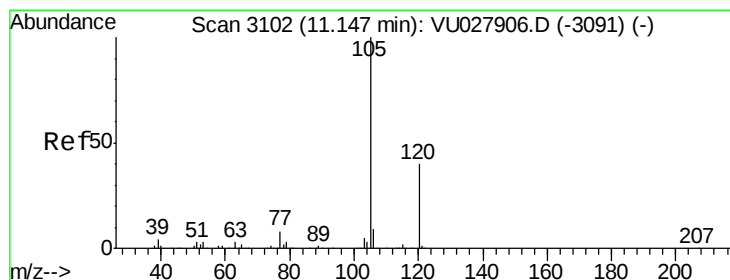
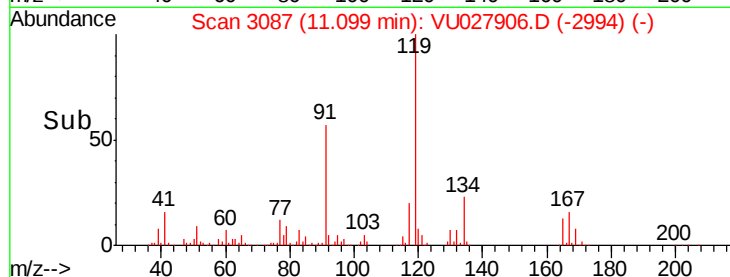
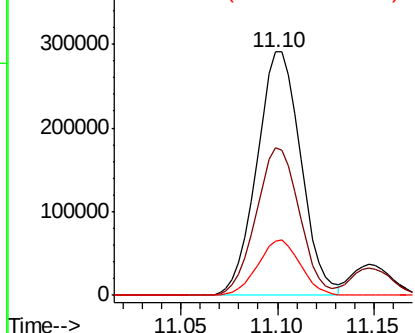
#83
 tert-Butylbenzene
 Concen: 57.009 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 459927
 Ion Ratio Lower Upper
 119 100
 91 59.5 29.8 89.3
 134 22.1 11.1 33.1

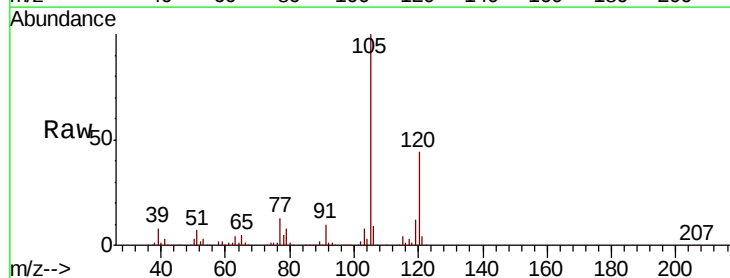


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

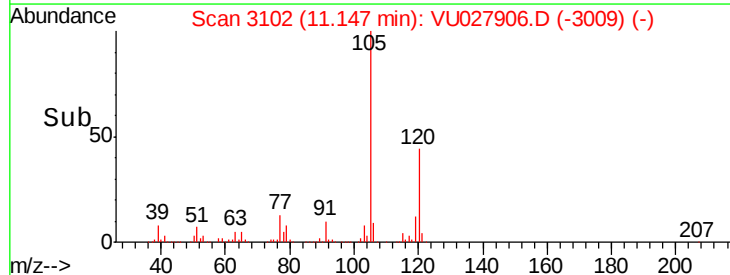
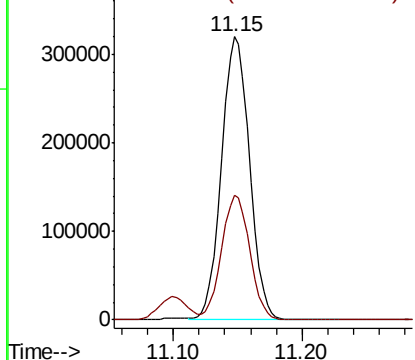


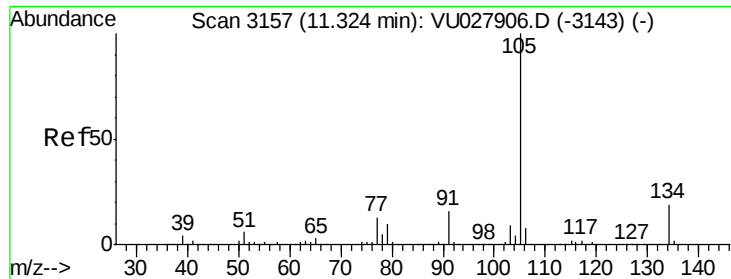
#84
 1,2,4-Trimethylbenzene
 Concen: 56.609 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion:105 Resp: 480875
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 57.272 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

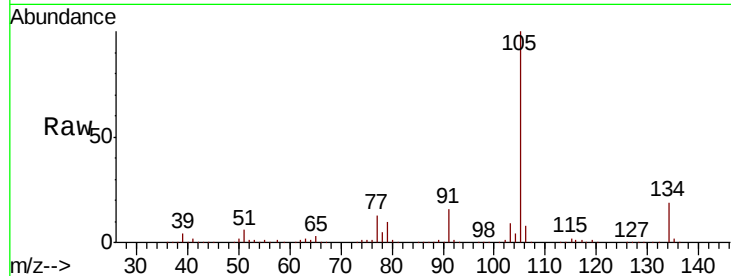
VSTDICCC050

Tgt Ion:105 Resp: 581490

Ion Ratio Lower Upper

105 100

134 18.4 9.2 27.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

400000

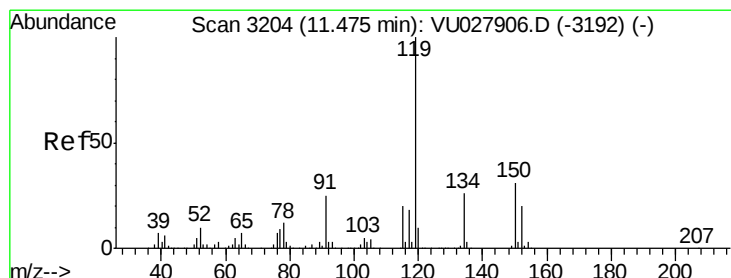
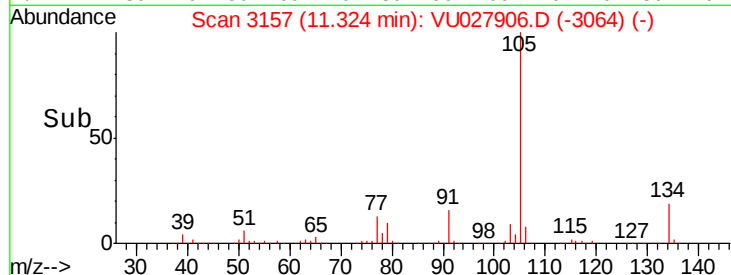
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 56.221 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

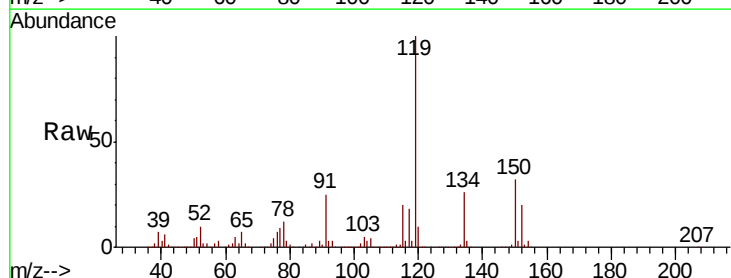
Tgt Ion:119 Resp: 486219

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.8 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

400000

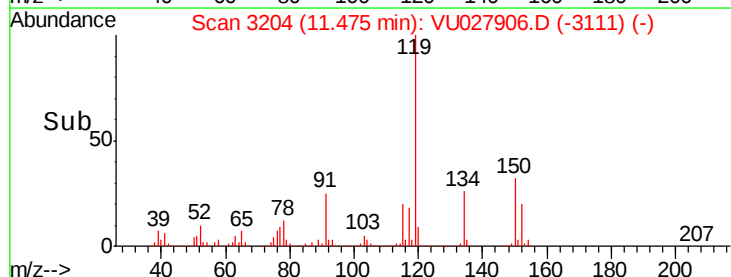
300000

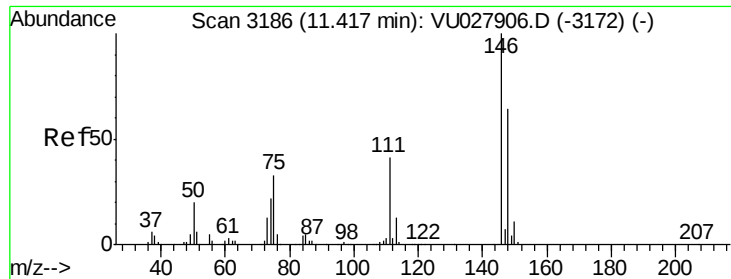
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 53.291 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

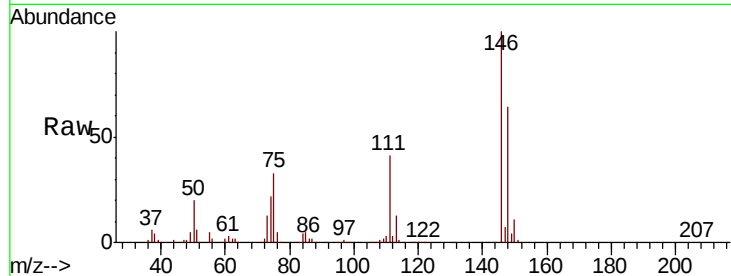
Tgt Ion:146 Resp: 239585

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

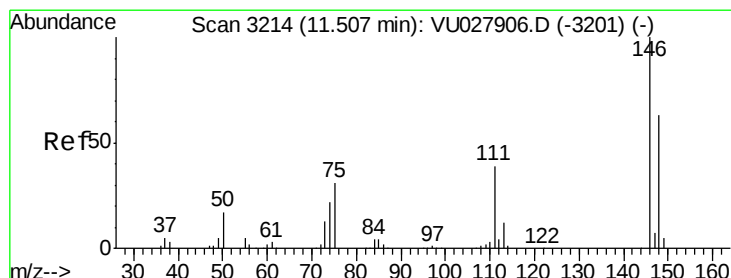
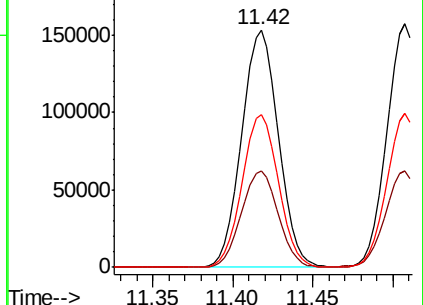
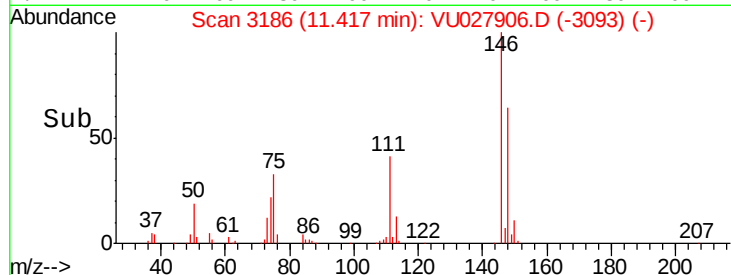
148 63.6 31.8 95.4



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: 52.543 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

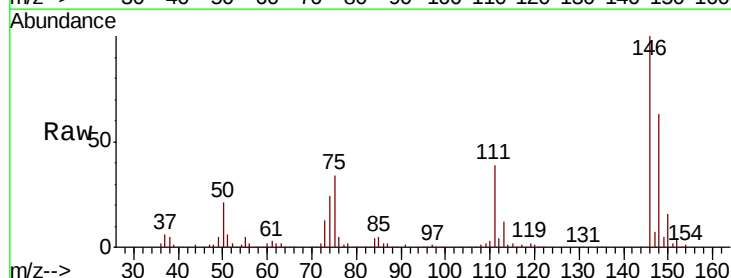
Tgt Ion:146 Resp: 241214

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

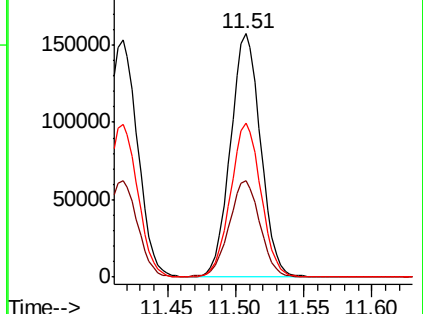
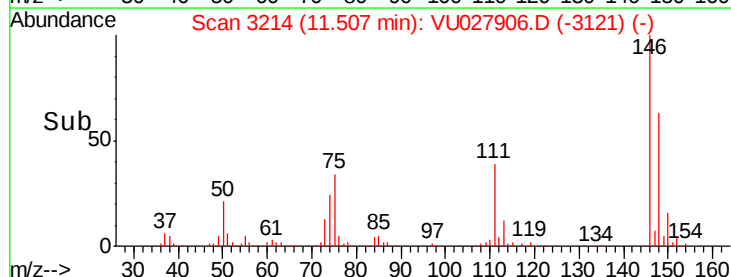
148 64.1 32.0 96.2

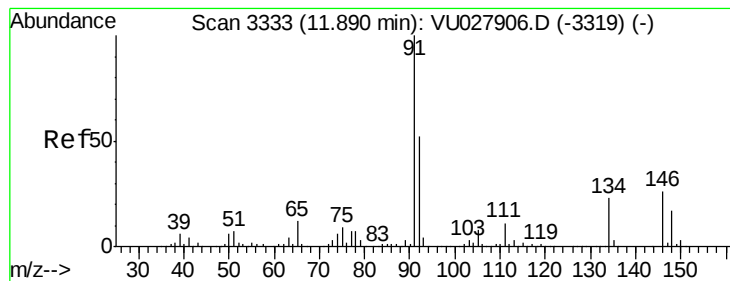


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 58.786 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027906.D

Acq: 01 Nov 2018 19:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

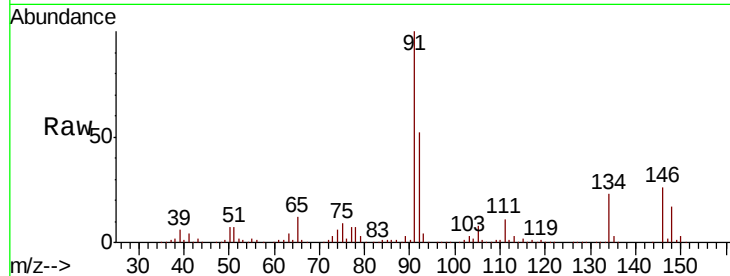
Tgt Ion: 91 Resp: 477245

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

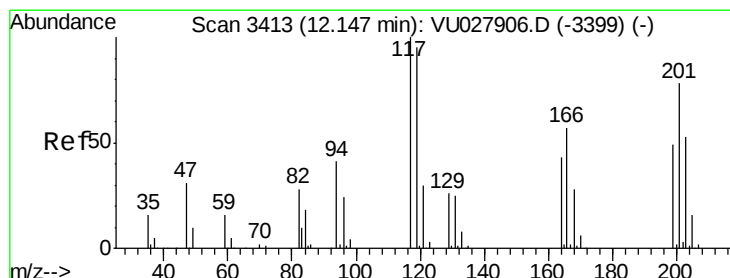
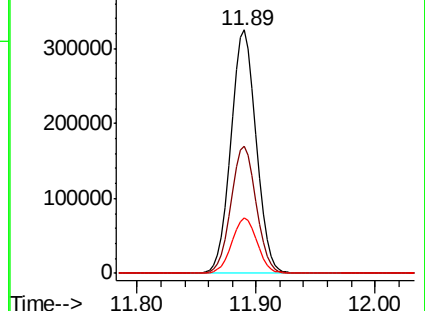
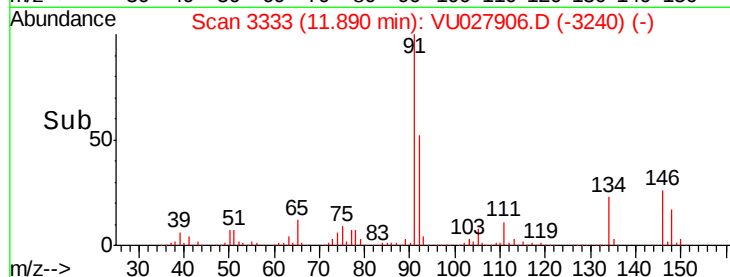
134 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-3319) (-)

Ion 92.00 (91.70 to 92.70): VU027906.D (-3319) (-)

Ion 134.00 (133.70 to 134.70): VU027906.D (-3319) (-)



#90

Hexachloroethane

Concen: 52.931 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027906.D

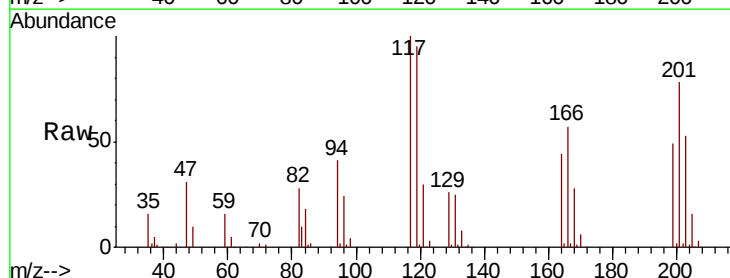
Acq: 01 Nov 2018 19:35

Tgt Ion: 117 Resp: 86053

Ion Ratio Lower Upper

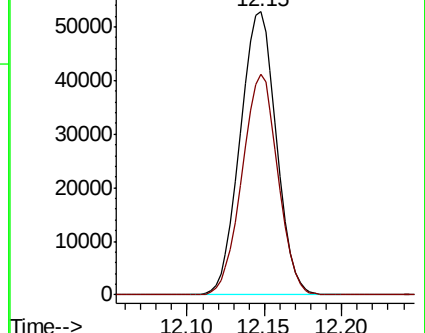
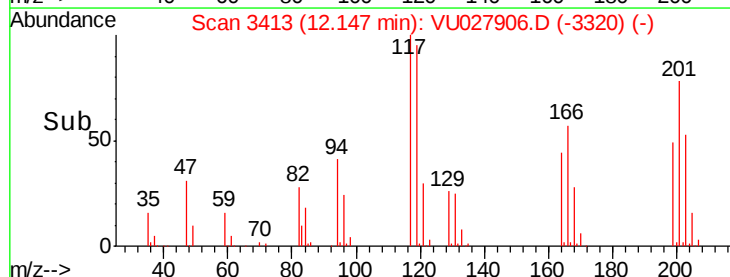
117 100

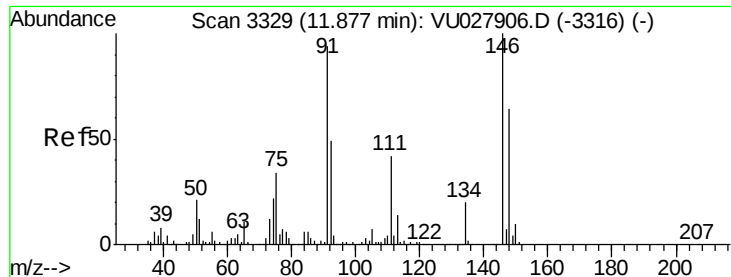
201 77.0 38.5 115.5



Abundance Ion 116.80 (116.50 to 117.50): VU027906.D (-3399) (-)

Ion 200.70 (200.40 to 201.40): VU027906.D (-3399) (-)

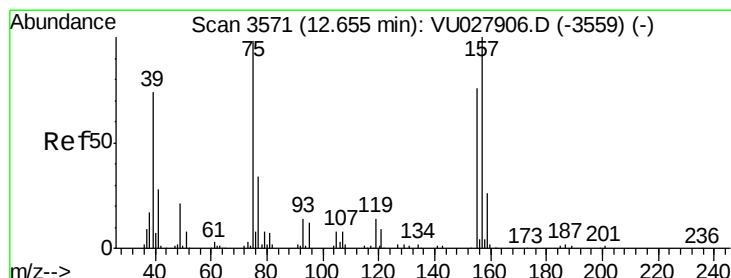
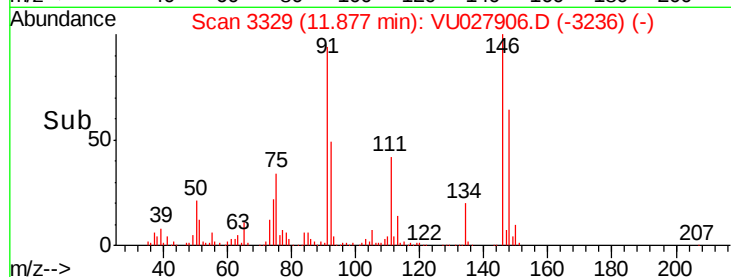
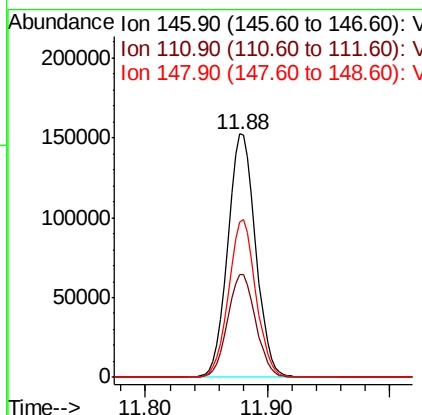
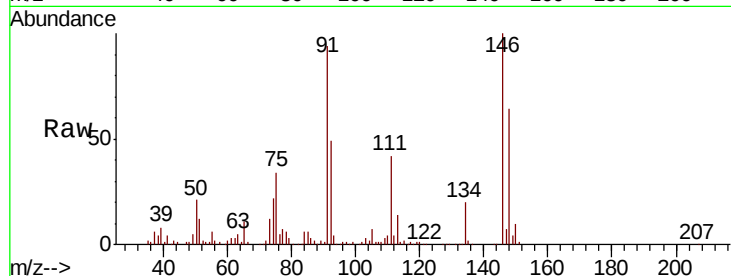




#91
 1,2-Dichlorobenzene
 Concen: 55.317 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

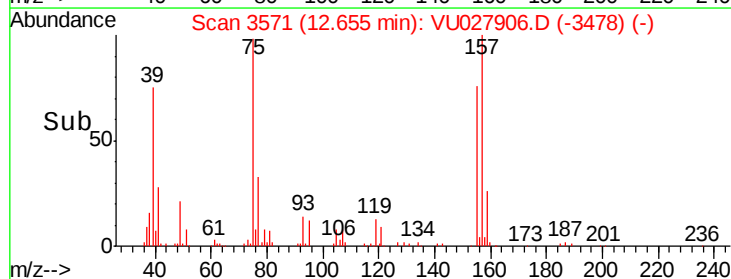
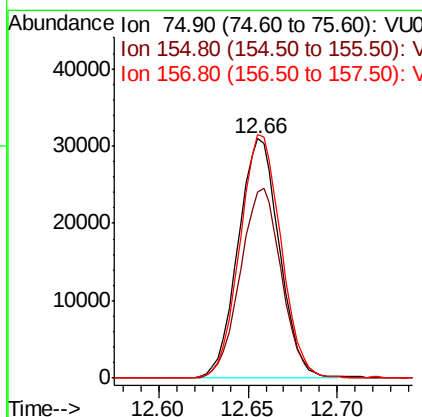
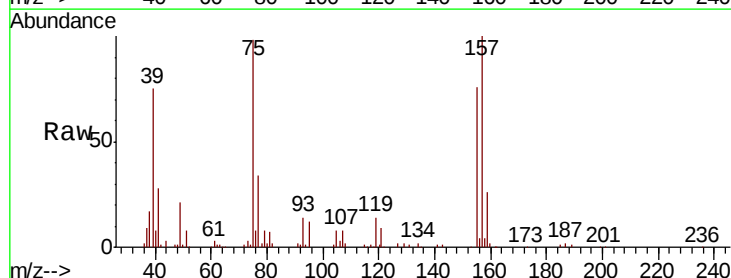
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

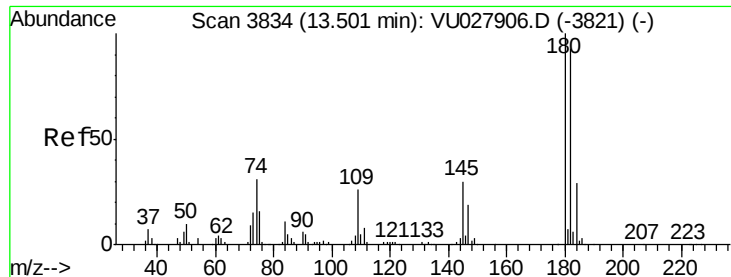
Tgt Ion:146 Resp: 243368
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 64.0
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.101 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion: 75 Resp: 50060
 Ion Ratio Lower Upper
 75 100
 155 79.5 39.8 119.3
 157 101.3 50.6 151.9

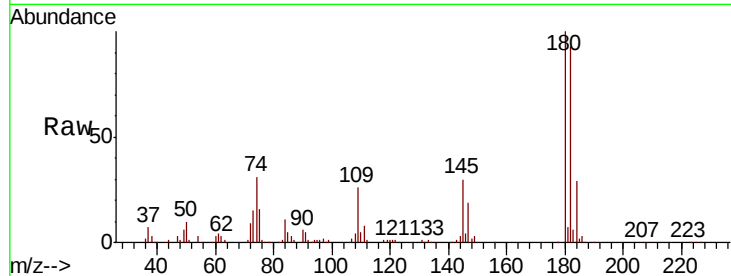




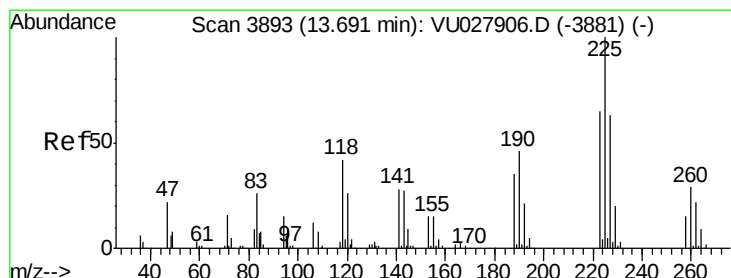
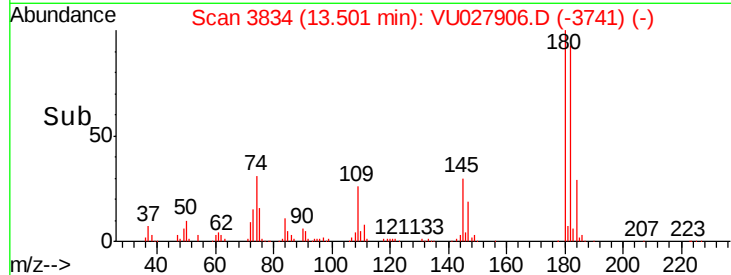
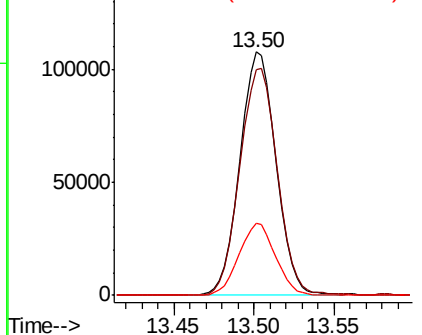
#93
 1,2,4-Trichlorobenzene
 Concen: 58.136 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 165702
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.4 145.2
 145 29.7 14.9 44.5

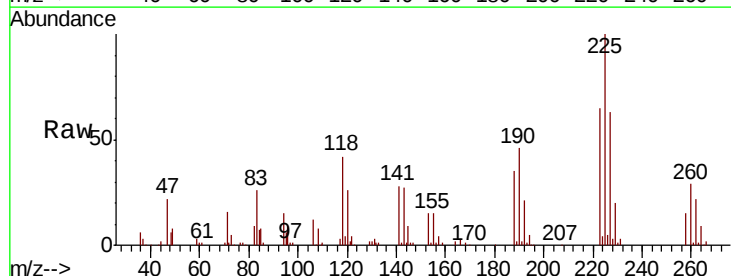


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

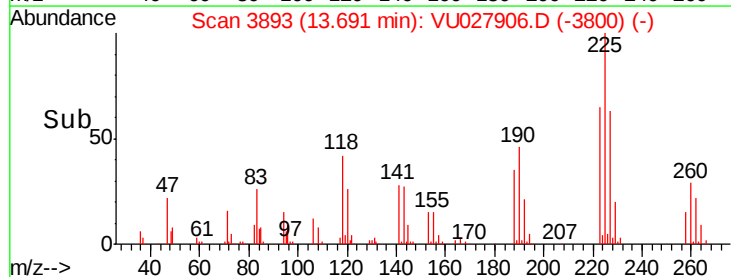
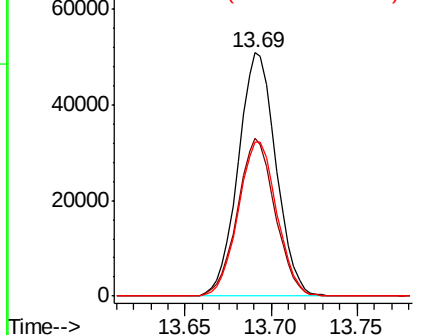


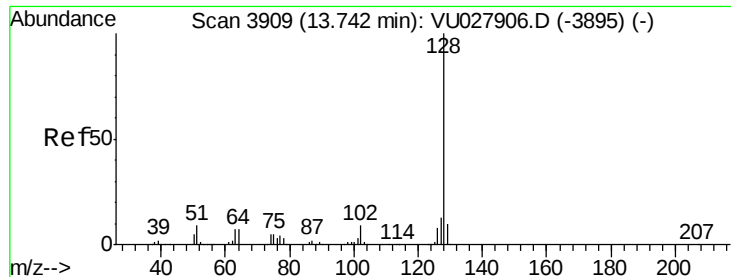
#94
 Hexachlorobutadiene
 Concen: 54.237 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU027906.D
 Acq: 01 Nov 2018 19:35

Tgt Ion:225 Resp: 77646
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.2 96.6
 227 64.9 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

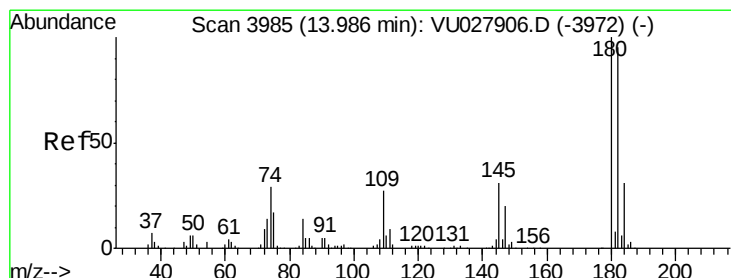
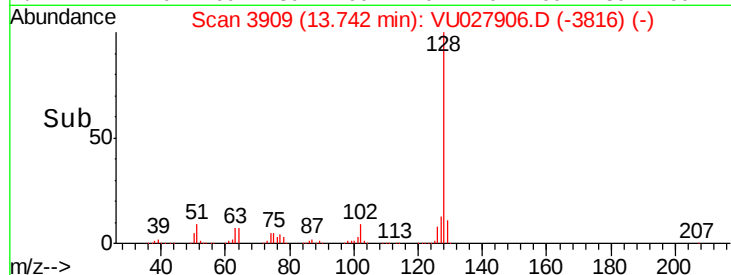
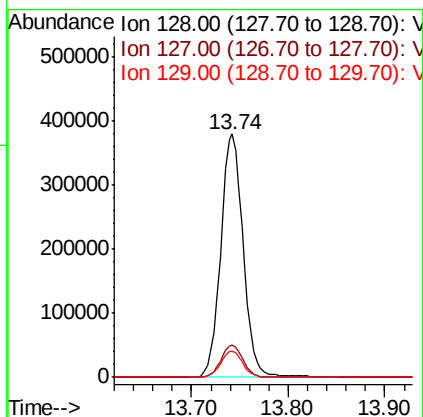
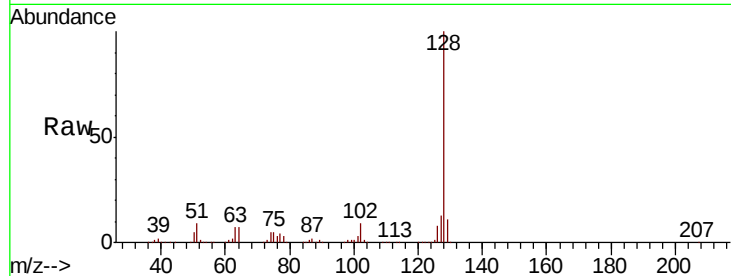




#95
Naphthalene
Concen: 62.847 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 610482
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.4 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 58.564 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027906.D
Acq: 01 Nov 2018 19:35

Tgt Ion:180 Resp: 174619
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 31.9 16.0 47.9

