

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026898.D
 Acq On : 19 Sep 2018 15:34
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 05:33:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	98269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	140360	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	86919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	69028	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	4.88	113	58786	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	7.57	98	213860	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	10.31	95	76862	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56109	52.848	ug/l	99
3) Chloromethane	1.32	50	70559	47.568	ug/l	99
4) Vinyl Chloride	1.40	62	70490	45.856	ug/l	98
5) Bromomethane	1.61	94	52039	54.050	ug/l	99
6) Chloroethane	1.69	64	45402	46.409	ug/l	98
7) Trichlorofluoromethane	1.88	101	92311	45.937	ug/l	99
8) Diethyl Ether	2.10	74	40457	45.944	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	57780	48.417	ug/l	99
10) Methyl Iodide	2.41	142	36750	36.703	ug/l	99
11) Tert butyl alcohol	2.83	59	71399	196.501	ug/l	100
12) 1,1-Dichloroethene	2.28	96	52785	46.788	ug/l	99
13) Acrolein	2.19	56	74672	304.955	ug/l	100
14) Allyl chloride	2.59	41	96252	47.370	ug/l	95
15) Acrylonitrile	2.93	53	190263	244.166	ug/l	99
16) Acetone	2.32	43	204872	242.745	ug/l	98
17) Carbon Disulfide	2.47	76	164769	45.902	ug/l	100
18) Methyl Acetate	2.61	43	92702	50.906	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	193360	49.778	ug/l	98
20) Methylene Chloride	2.70	84	66883	48.856	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	58958	49.607	ug/l	97
22) Diisopropyl ether	3.57	45	207597	48.953	ug/l	100
23) Vinyl Acetate	3.52	43	867902	240.926	ug/l	97
24) 1,1-Dichloroethane	3.44	63	117307	49.036	ug/l	98
25) 2-Butanone	4.26	43	268225	235.932	ug/l	97
26) 2,2-Dichloropropane	4.22	77	96777	49.216	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	66873	48.820	ug/l	99
28) Bromochloromethane	4.55	49	53502	46.770	ug/l	94
29) Tetrahydrofuran	4.64	42	161678	235.882	ug/l	99
30) Chloroform	4.67	83	113026	48.046	ug/l	97
31) Cyclohexane	5.00	56	104444	47.794	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	96962	49.782	ug/l	99
36) 1,1-Dichloropropene	5.13	75	85149	54.032	ug/l	99
37) Ethyl Acetate	4.38	43	92779	48.959	ug/l	99
38) Carbon Tetrachloride	5.13	117	85804	51.535	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	101301	54.140	ug/l	97
40) Benzene	5.39	78	258701	52.861	ug/l	99
41) Methacrylonitrile	4.54	41	52279	48.970	ug/l	99
42) 1,2-Dichloroethane	5.40	62	88404	50.658	ug/l	96
43) Isopropyl Acetate	5.55	43	141786	49.137	ug/l	98
44) Trichloroethene	6.19	130	66328	54.760	ug/l	94
45) 1,2-Dichloropropane	6.43	63	68829	51.735	ug/l	100
46) Dibromomethane	6.56	93	44064	51.325	ug/l	92
47) Bromodichloromethane	6.76	83	87818	51.946	ug/l	99
48) Methyl methacrylate	6.62	41	72979	46.361	ug/l	96
49) 1,4-Dioxane	6.61	88	32790	909.715	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	470651	243.850	ug/l	98
52) Toluene	7.64	92	161510	55.403	ug/l	95
53) t-1,3-Dichloropropene	7.88	75	98078	52.303	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	106703	52.992	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	65310	52.289	ug/l	99
56) Ethyl methacrylate	8.02	69	94740	45.310	ug/l	97
57) 1,3-Dichloropropane	8.24	76	112911	53.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	236560	236.595	ug/l	95
59) 2-Hexanone	8.36	43	372408	245.171	ug/l	97
60) Dibromochloromethane	8.48	129	71529	52.878	ug/l	100
61) 1,2-Dibromoethane	8.59	107	68673	50.673	ug/l	100
64) Tetrachloroethene	8.23	164	59898	56.127	ug/l	96
65) Chlorobenzene	9.12	112	176550	52.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	64535	52.652	ug/l	99
67) Ethyl Benzene	9.25	91	298573	54.409	ug/l	99
68) m/p-Xylenes	9.38	106	239947	114.946	ug/l	96
69) o-Xylene	9.78	106	114010	51.091	ug/l	97
70) Styrene	9.79	104	192494	51.188	ug/l	98
71) Bromoform	9.96	173	56042	52.572	ug/l #	99
73) Isopropylbenzene	10.17	105	307991	51.999	ug/l	99
74) N-amyl acetate	10.02	43	126569	45.263	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.46	83	105803	43.831	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	118408	60.815	ug/l	82
77) Bromobenzene	10.45	156	81504	50.631	ug/l	95
78) n-propylbenzene	10.59	91	360534	52.335	ug/l	99
79) 2-Chlorotoluene	10.66	91	212329	49.721	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	262205	52.666	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.49	75	118408	136.445	ug/l #	100
82) 4-Chlorotoluene	10.77	91	247776	51.642	ug/l	98
83) tert-Butylbenzene	11.10	119	259962	51.452	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	272087	54.185	ug/l	99
85) sec-Butylbenzene	11.33	105	317531	52.921	ug/l	98
86) p-Isopropyltoluene	11.48	119	291095	50.457	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	152480	50.773	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	155684	49.917	ug/l	99
89) n-Butylbenzene	11.89	91	248494	47.083	ug/l	96
90) Hexachloroethane	12.15	117	48996	46.277	ug/l	93
91) 1,2-Dichlorobenzene	11.88	146	152148	50.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	22490	46.471	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration

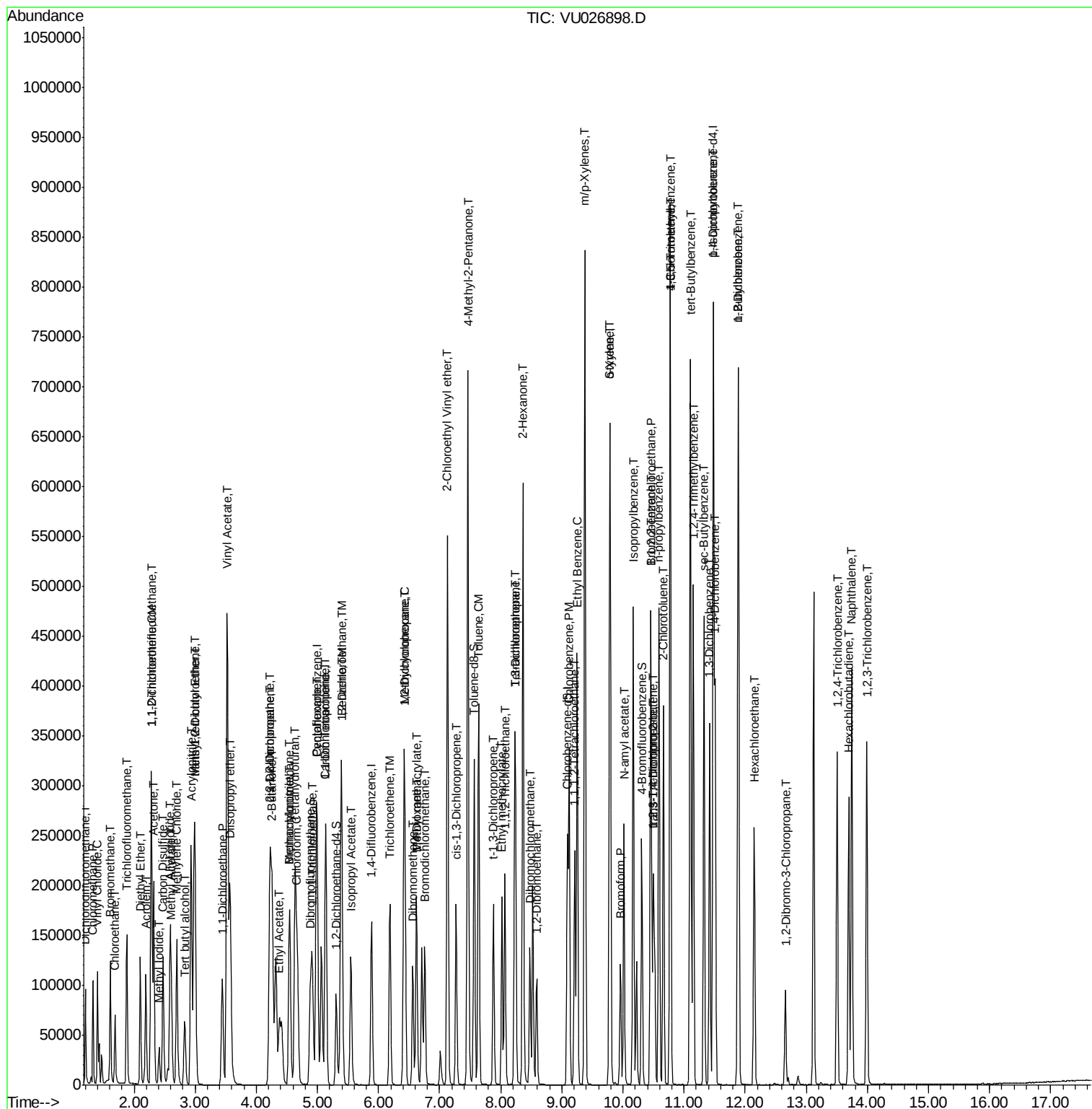
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	110086	54.874	ug/l	99
94) Hexachlorobutadiene	13.69	225	58360	56.548	ug/l	98
95) Naphthalene	13.75	128	329182	48.801	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	113848	54.338	ug/l	99

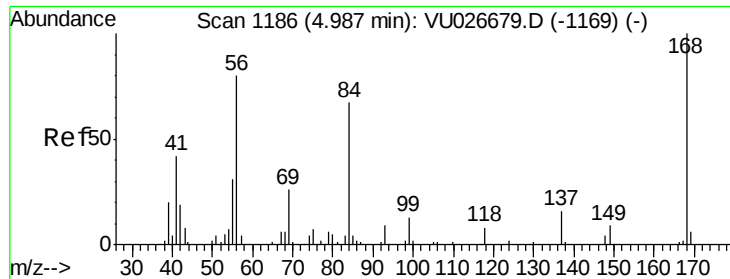
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 20 05:33:05 2018
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

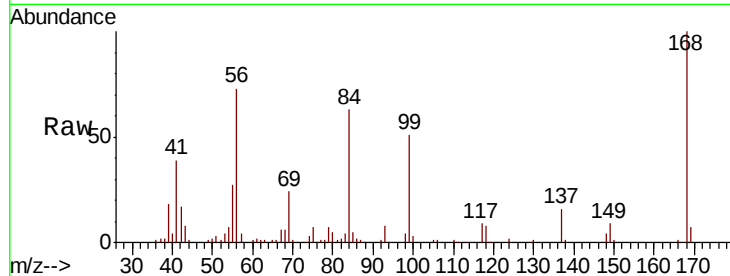
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:168 Resp: 98269

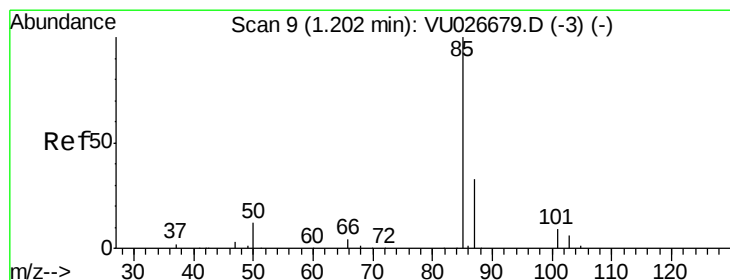
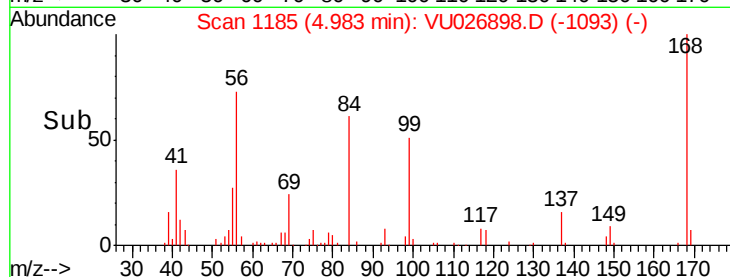
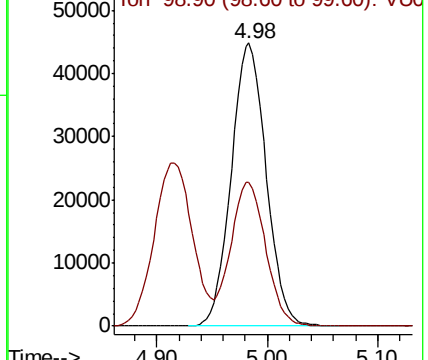
Ion Ratio Lower Upper

168 100

99 51.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 52.848 ug/l

RT: 1.20 min Scan# 9

Delta R.T. 0.00 min

Lab File: VU026898.D

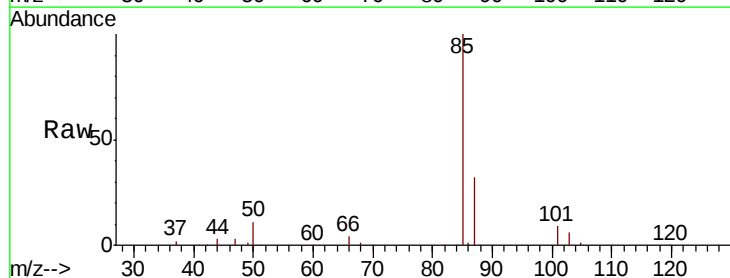
Acq: 19 Sep 2018 15:34

Tgt Ion: 85 Resp: 56109

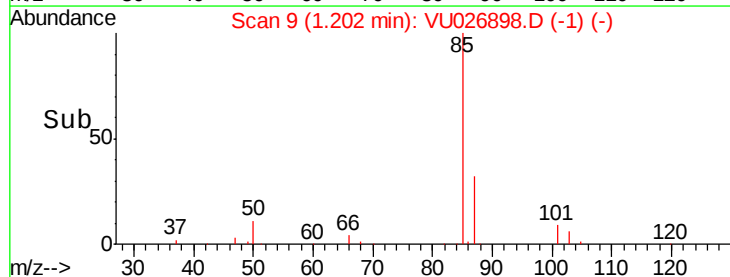
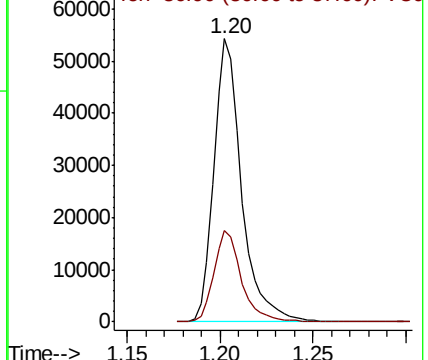
Ion Ratio Lower Upper

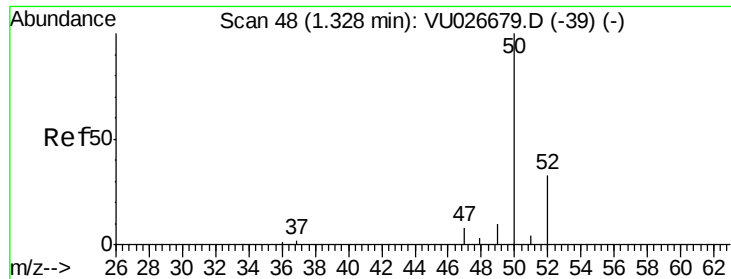
85 100

87 32.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VU026679.D (-3) (-)

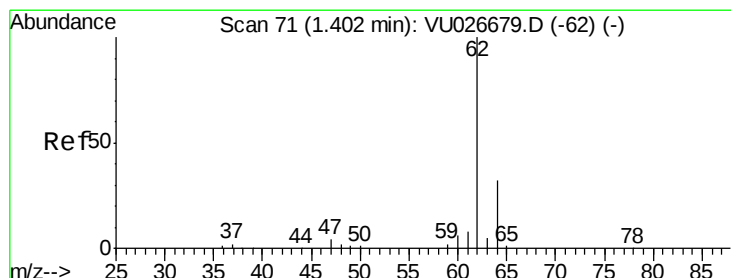
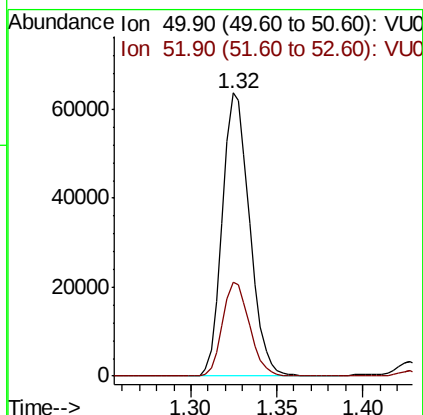
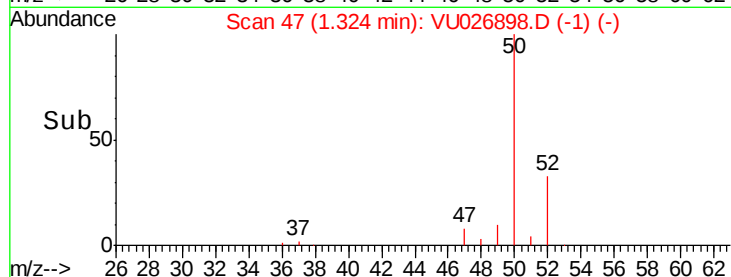
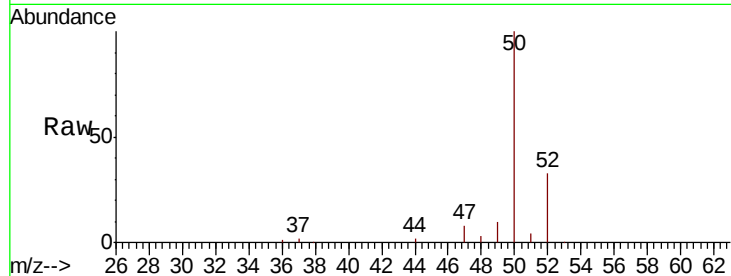




#3
 Chloromethane
 Concen: 47.568 ug/l
 RT: 1.32 min Scan# 47
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

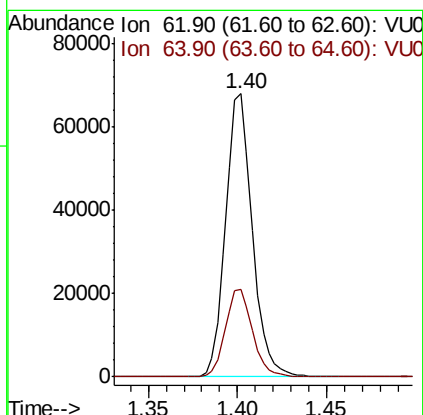
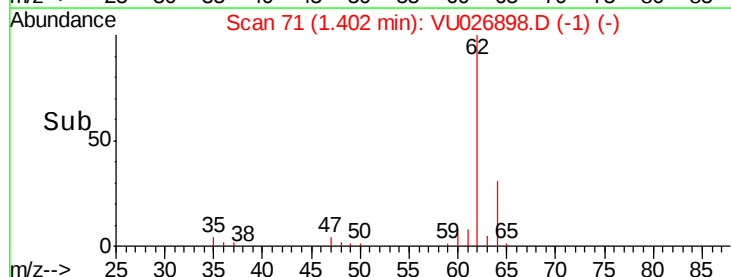
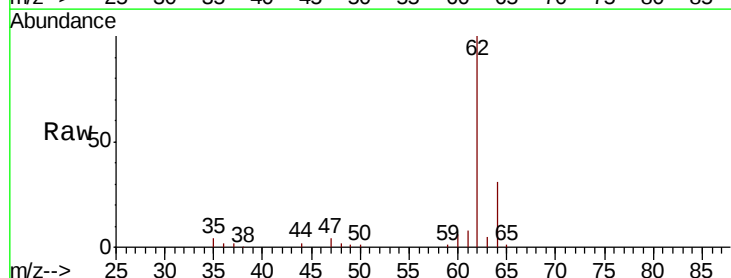
Instrument :
 MSVOA_U
 ClientSampleId :

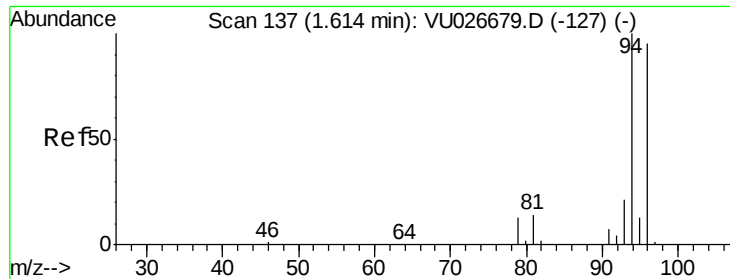
Tgt Ion: 50 Resp: 70559
 Ion Ratio Lower Upper
 50 100
 52 33.3 26.3 39.5



#4
 Vinyl Chloride
 Concen: 45.856 ug/l
 RT: 1.40 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 62 Resp: 70490
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.6 38.4

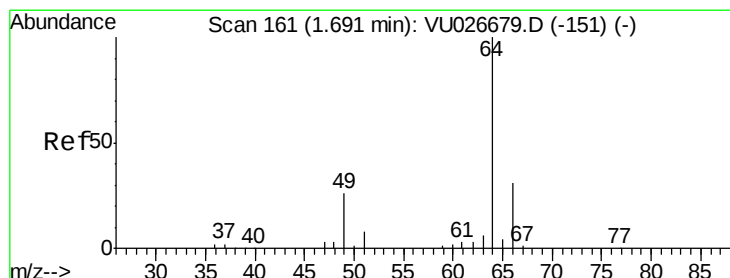
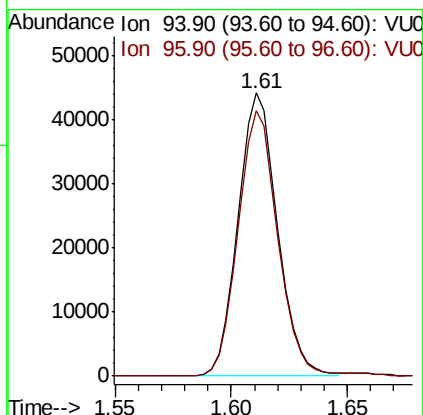
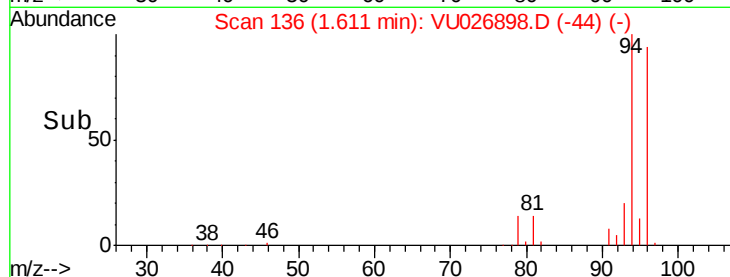
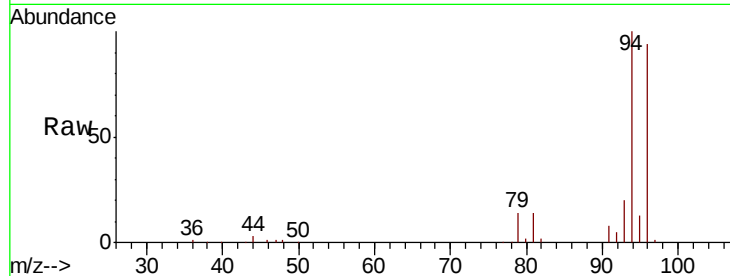




#5
Bromomethane
Concen: 54.050 ug/l
RT: 1.61 min Scan# 136
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

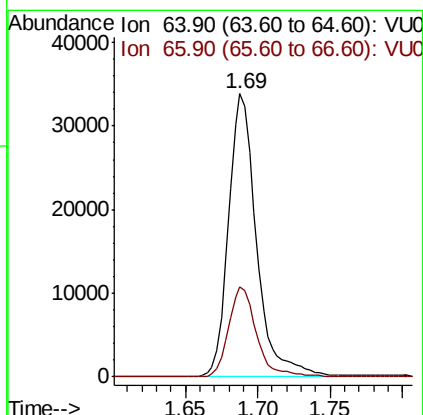
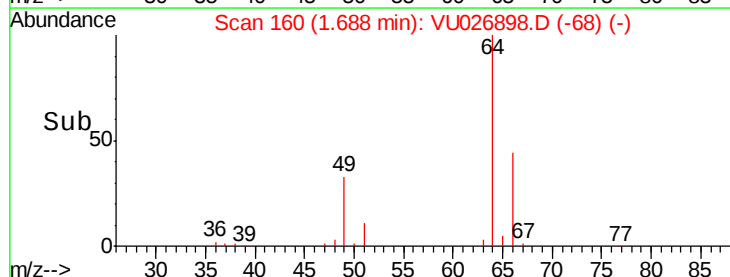
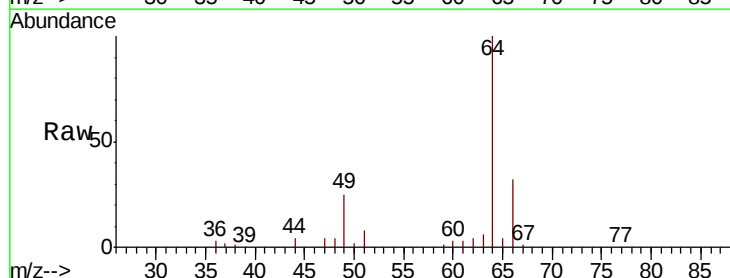
Instrument :
MSVOA_U
ClientSampleId :

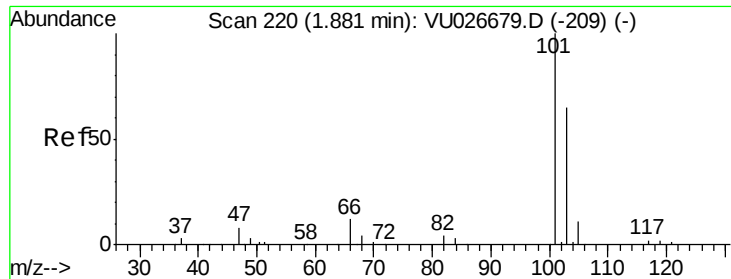
Tgt Ion: 94 Resp: 52039
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6



#6
Chloroethane
Concen: 46.409 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 64 Resp: 45402
Ion Ratio Lower Upper
64 100
66 31.8 24.7 37.1



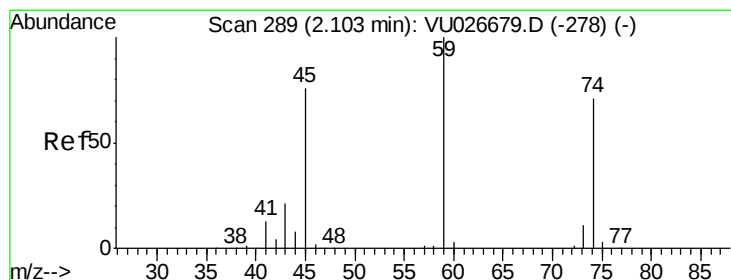
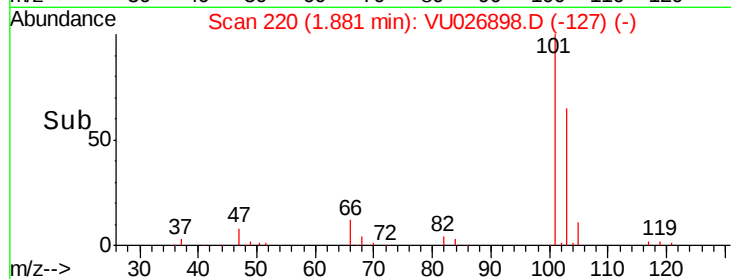
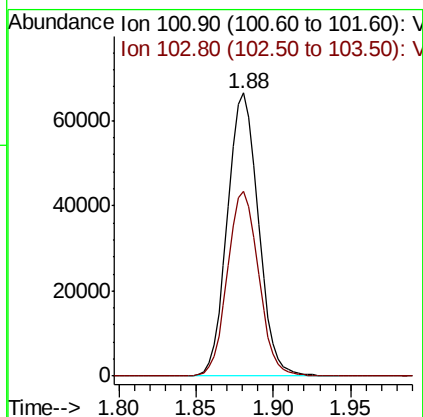
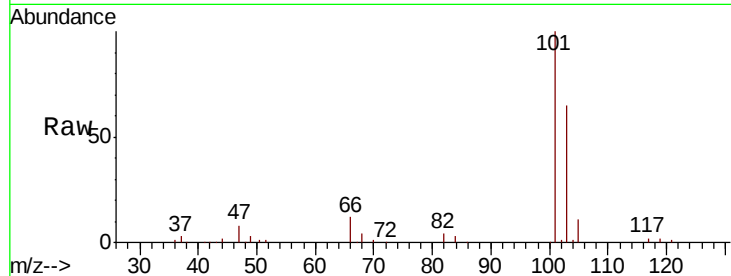


#7

Trichlorofluoromethane
 Concen: 45.937 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Instrument :
 MSVOA_U
 ClientSampleId :

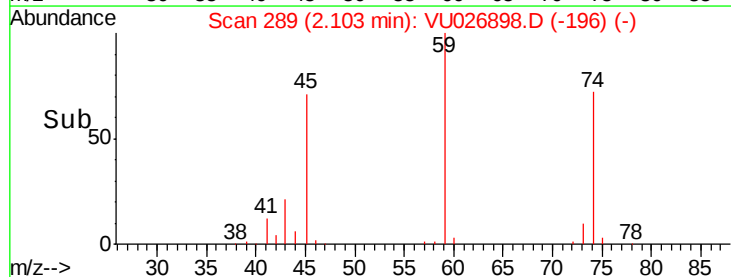
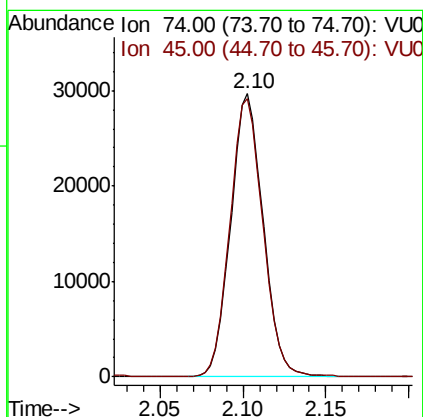
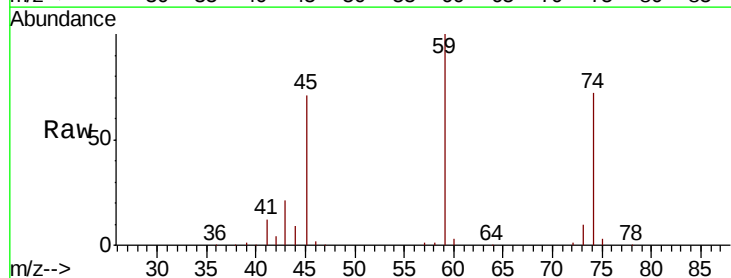
Tgt Ion: 101 Resp: 92311
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.7 77.5

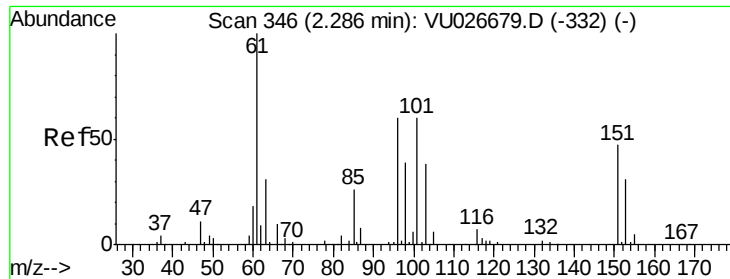


#8

Diethyl Ether
 Concen: 45.944 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 74 Resp: 40457
 Ion Ratio Lower Upper
 74 100
 45 100.3 53.6 160.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.417 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

ClientSampled :

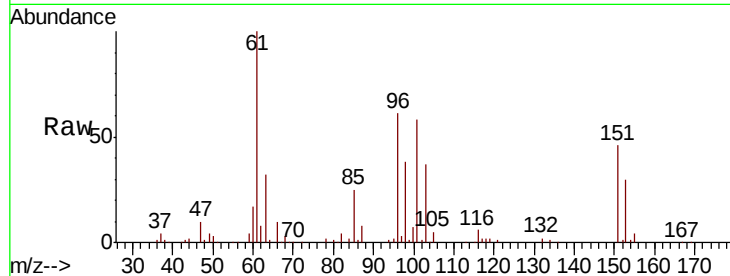
Tgt Ion:101 Resp: 57780

Ion Ratio Lower Upper

101 100

85 43.4 34.6 52.0

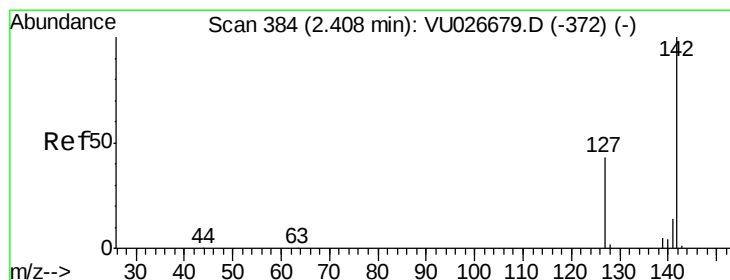
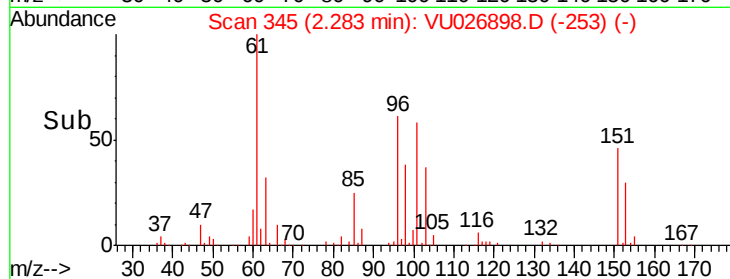
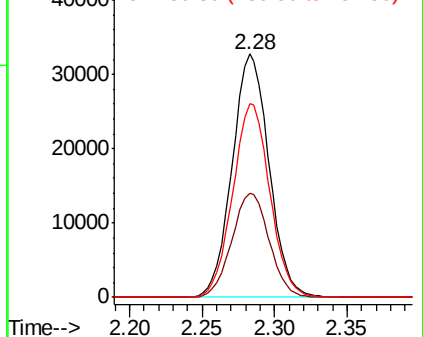
151 80.0 62.7 94.1



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: 36.703 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

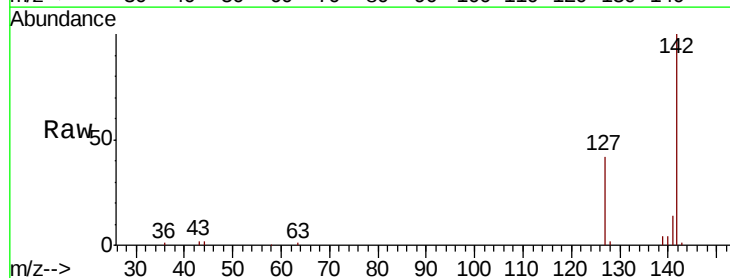
Tgt Ion:142 Resp: 36750

Ion Ratio Lower Upper

142 100

127 41.8 34.1 51.1

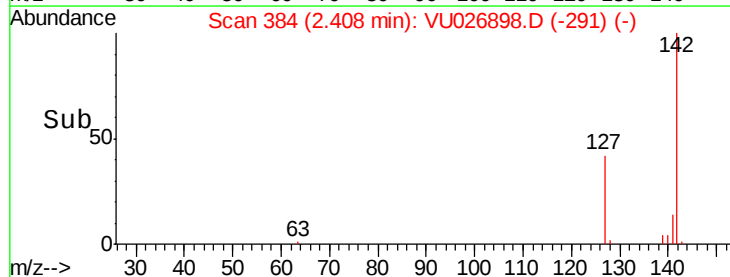
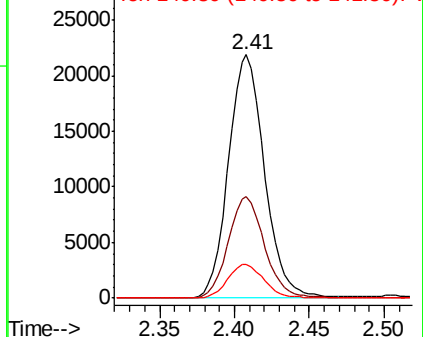
141 13.8 11.2 16.8

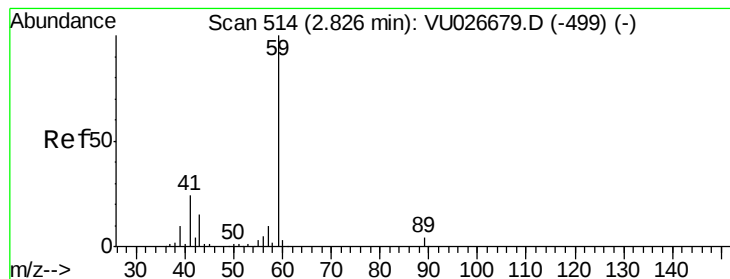


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



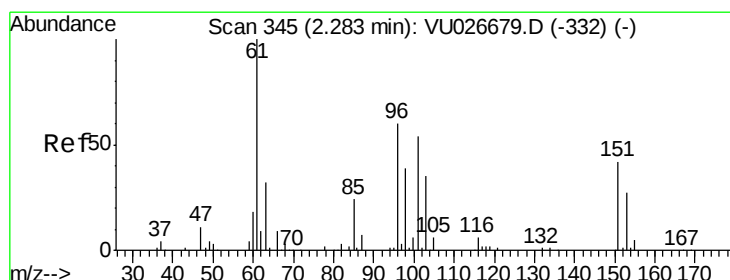
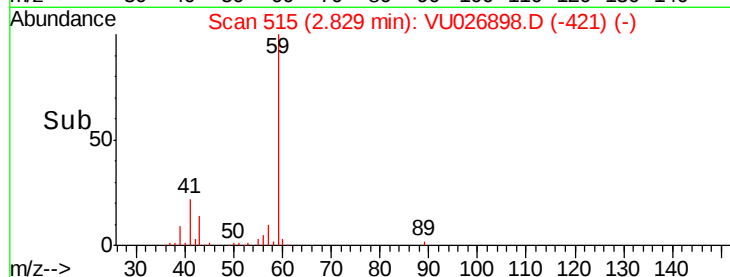
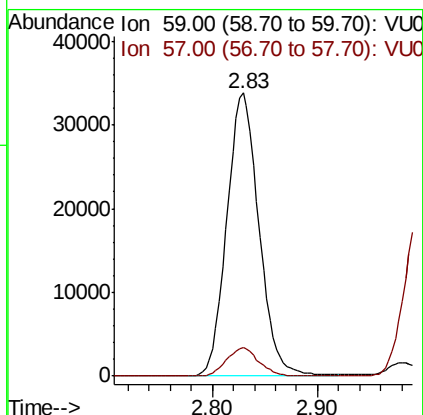
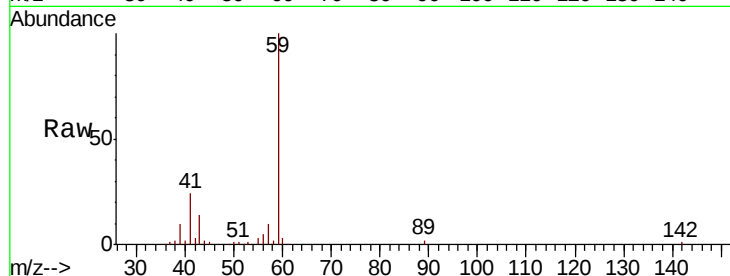


#11

Tert butyl alcohol
Concen: 196.501 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

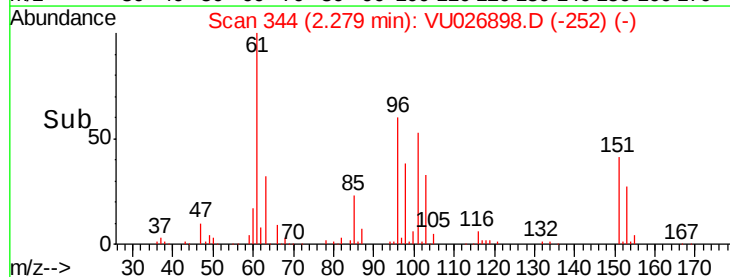
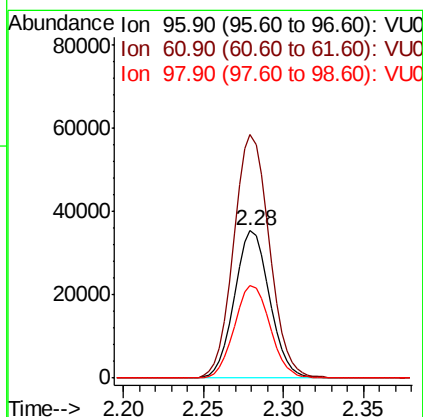
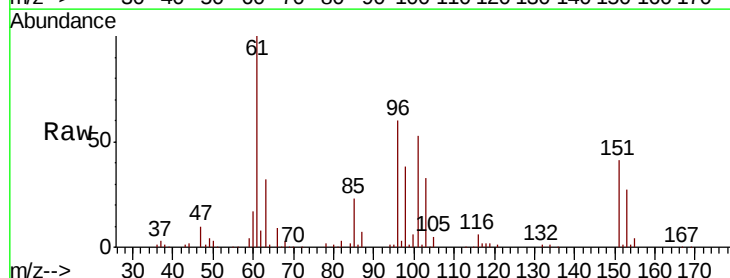
Tgt Ion: 59 Resp: 71399
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

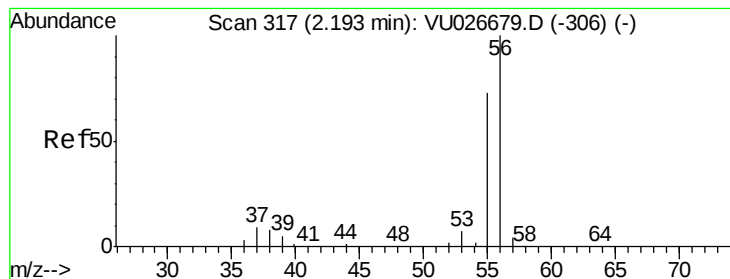


#12

1,1-Dichloroethene
Concen: 46.788 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 96 Resp: 52785
Ion Ratio Lower Upper
96 100
61 165.6 133.0 199.6
98 62.8 51.3 76.9





#13

Acrolein

Concen: 304.955 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

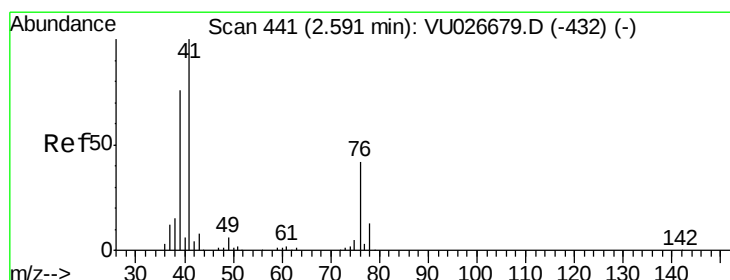
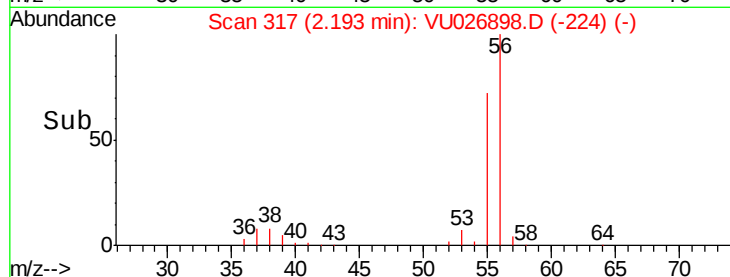
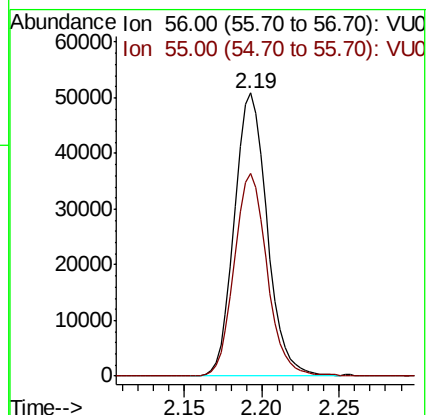
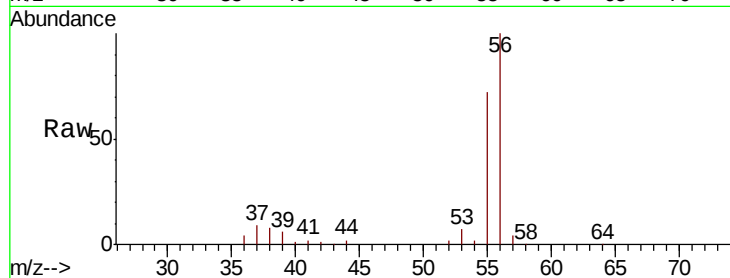
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 74672

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.2



#14

Allyl chloride

Concen: 47.370 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

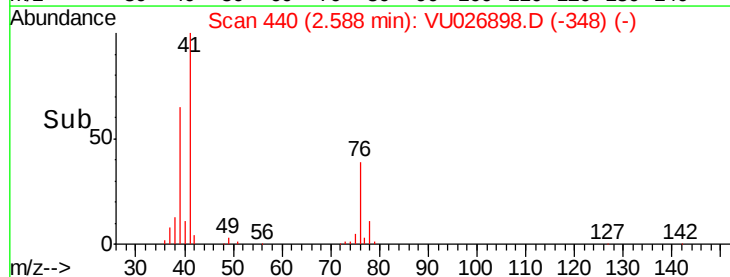
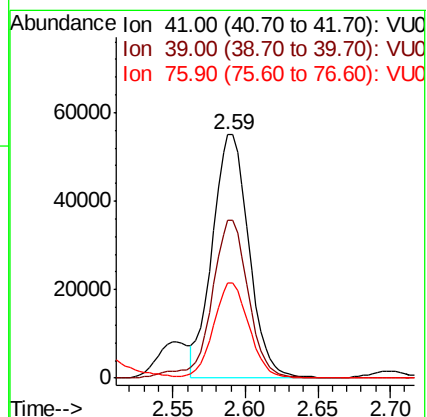
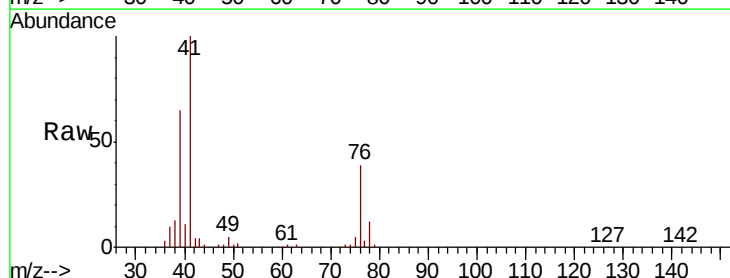
Tgt Ion: 41 Resp: 96252

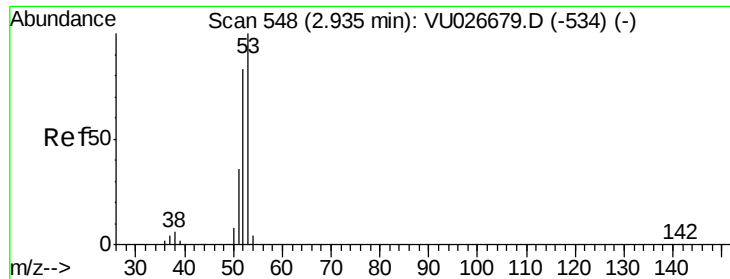
Ion Ratio Lower Upper

41 100

39 65.3 56.9 85.3

76 37.9 29.7 44.5





#15

Acrylonitrile

Concen: 244.166 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

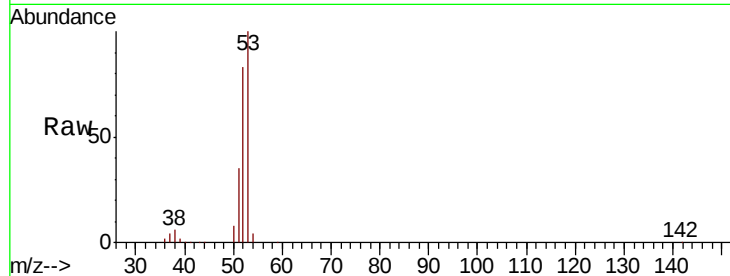
Tgt Ion: 53 Resp: 190263

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.8

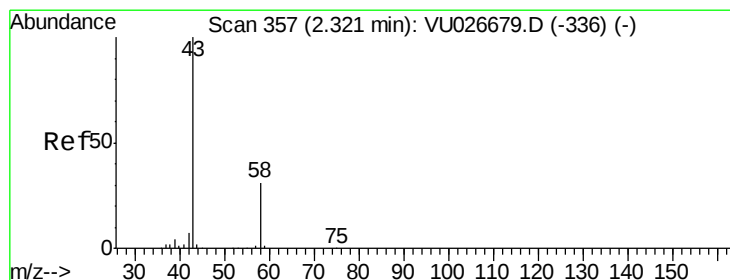
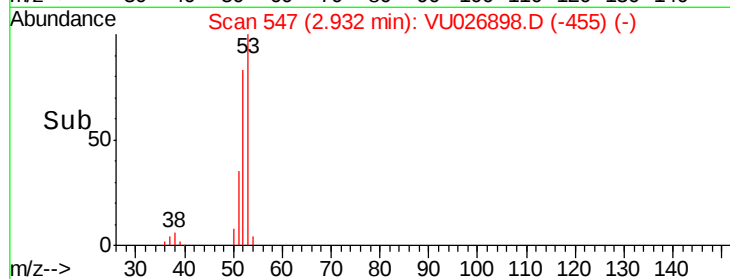
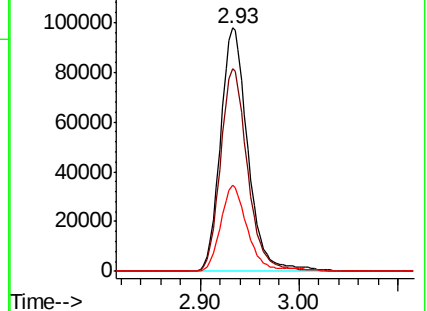
51 35.4 27.7 41.5



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 242.745 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026898.D

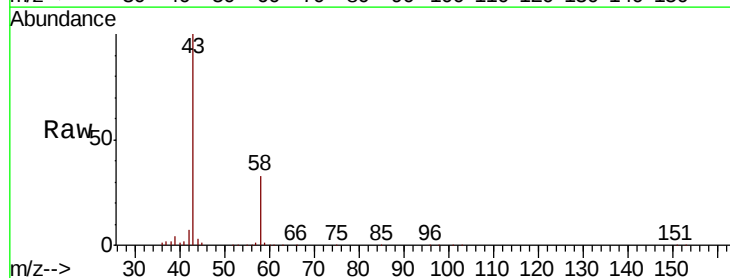
Acq: 19 Sep 2018 15:34

Tgt Ion: 43 Resp: 204872

Ion Ratio Lower Upper

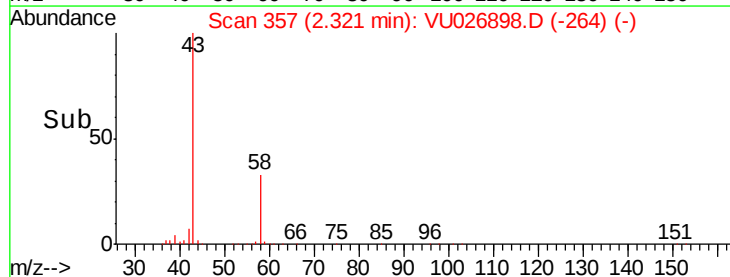
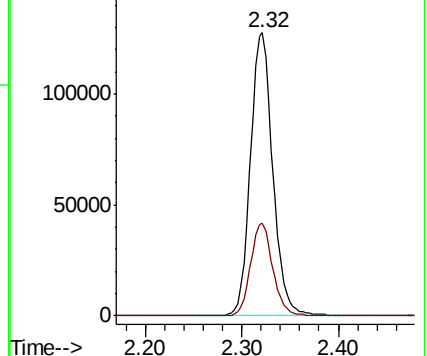
43 100

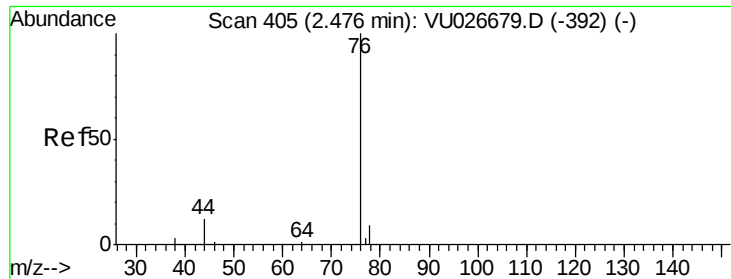
58 32.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

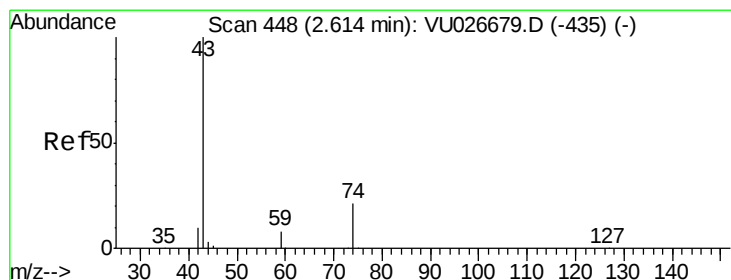
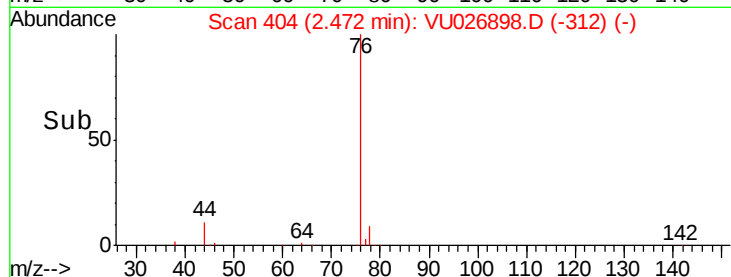
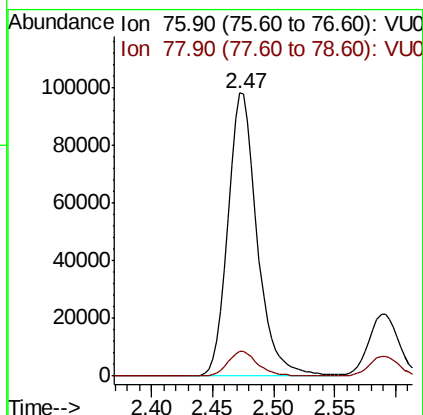
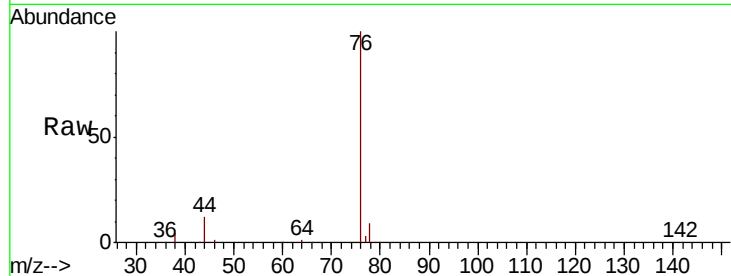




#17
Carbon Disulfide
Concen: 45.902 ug/l
RT: 2.47 min Scan# 404
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

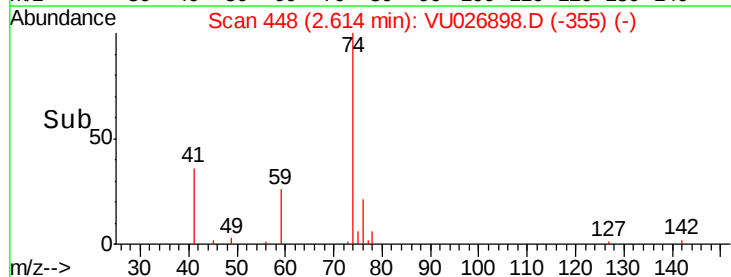
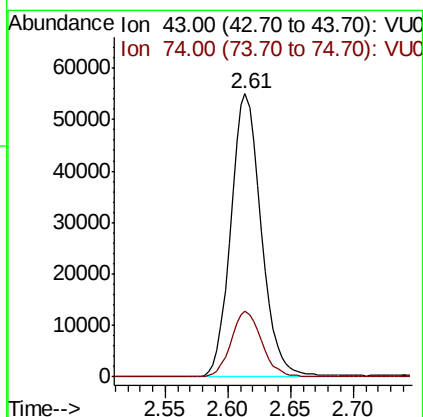
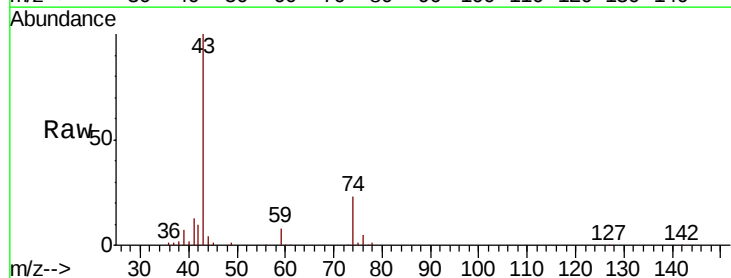
Instrument :
MSVOA_U
ClientSampleId :

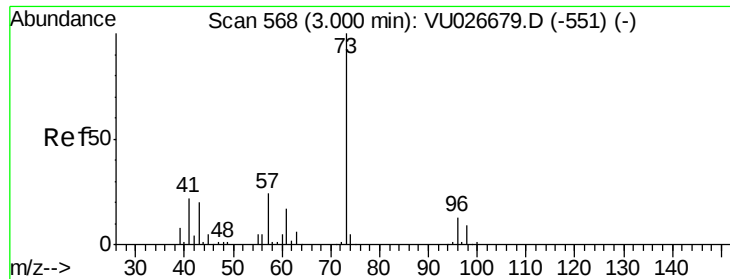
Tgt Ion: 76 Resp: 164769
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 50.906 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 43 Resp: 92702
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5

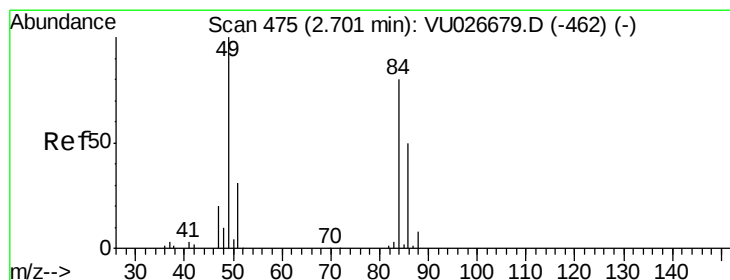
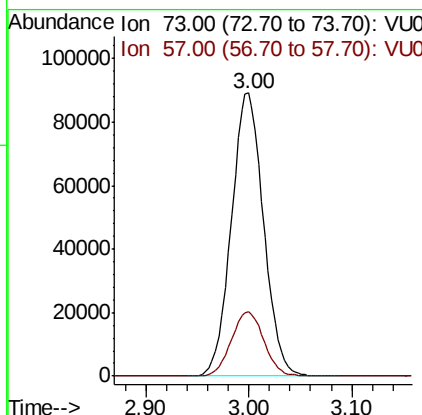
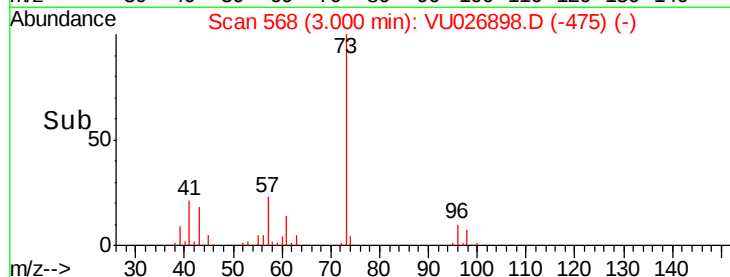
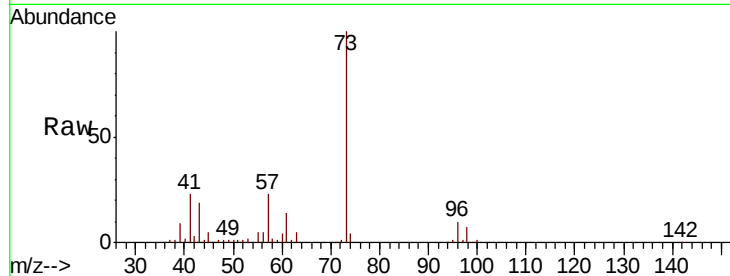




#19
Methyl tert-butyl Ether
Concen: 49.778 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

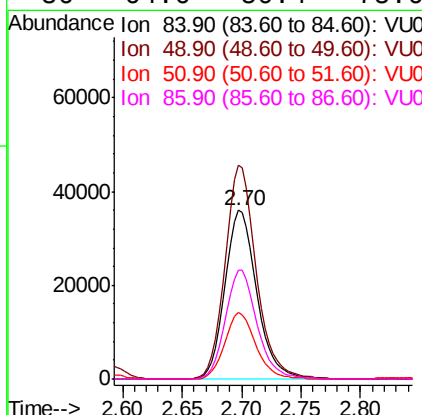
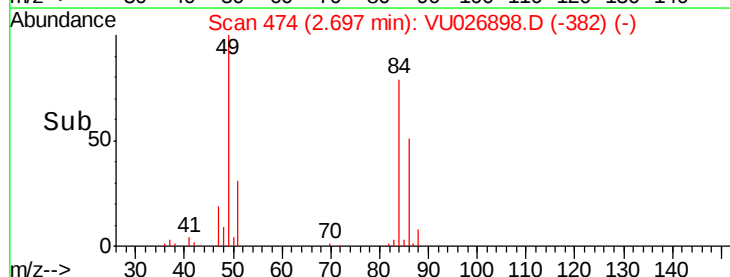
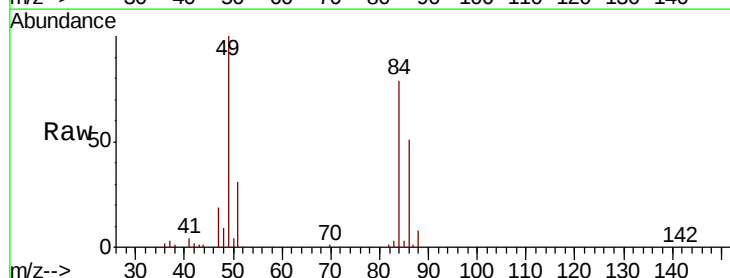
Instrument :
MSVOA_U
ClientSampleId :

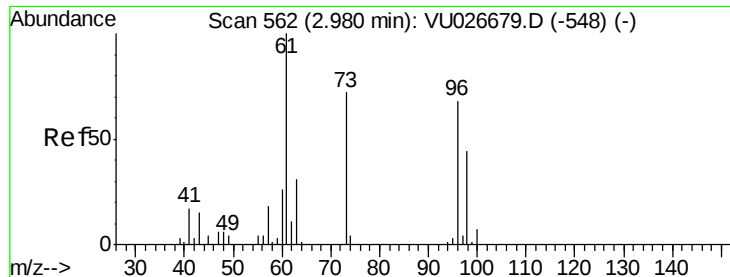
Tgt Ion: 73 Resp: 193360
Ion Ratio Lower Upper
73 100
57 22.8 18.9 28.3



#20
Methylene Chloride
Concen: 48.856 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 84 Resp: 66883
Ion Ratio Lower Upper
84 100
49 126.7 100.6 151.0
51 39.3 30.9 46.3
86 64.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.607 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

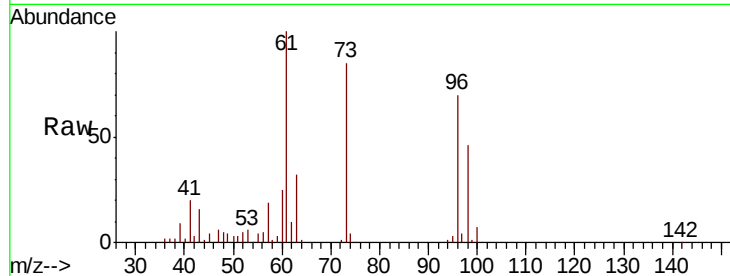
Tgt Ion: 96 Resp: 58958

Ion Ratio Lower Upper

96 100

61 142.0 117.7 176.5

98 64.8 52.0 78.0

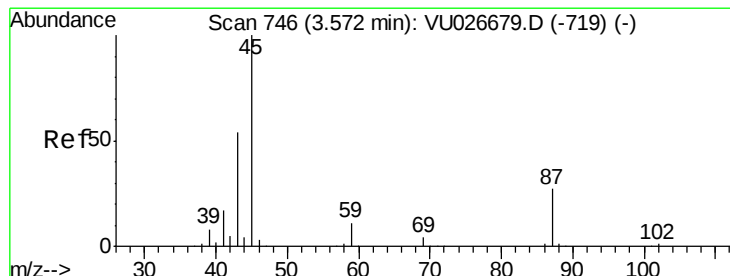
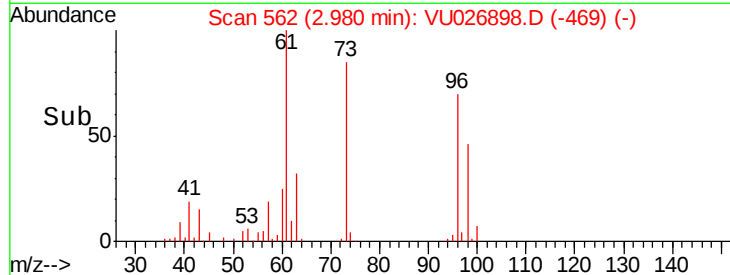
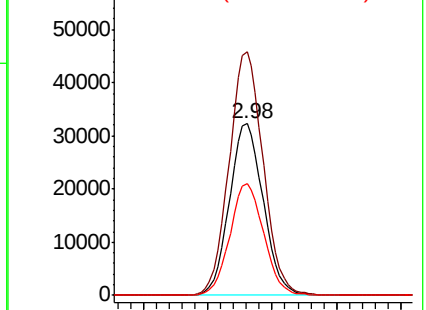


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 48.953 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Tgt Ion: 45 Resp: 207597

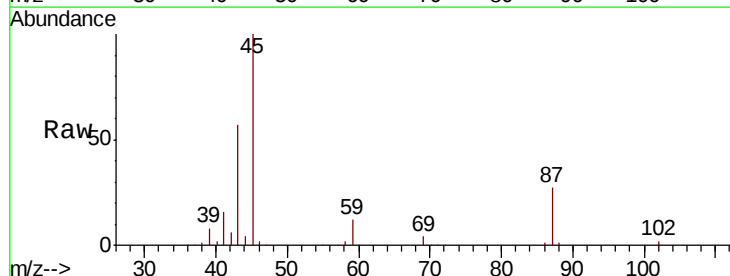
Ion Ratio Lower Upper

45 100

43 56.1 44.6 67.0

87 26.8 21.4 32.0

59 11.8 9.0 13.4



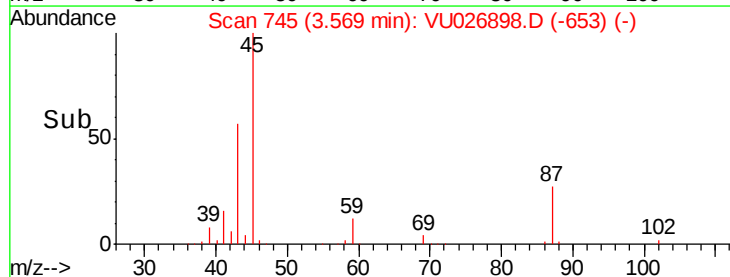
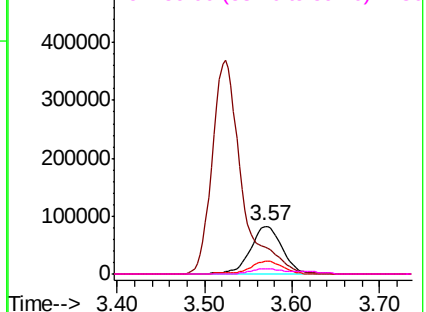
Abundance

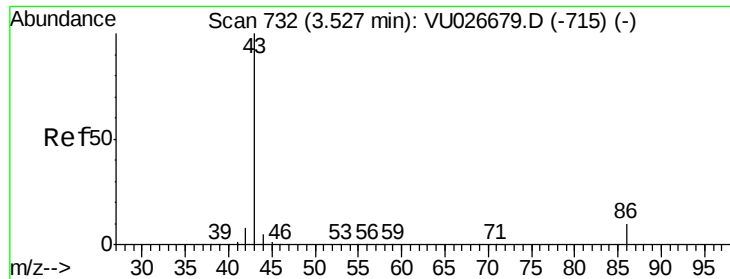
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 240.926 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

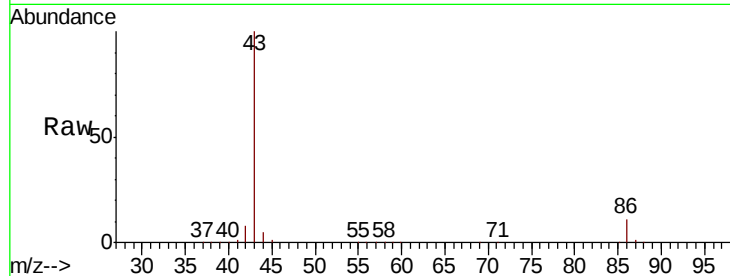
ClientSampleId :

Tgt Ion: 43 Resp: 867902

Ion Ratio Lower Upper

43 100

86 10.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.52

400000

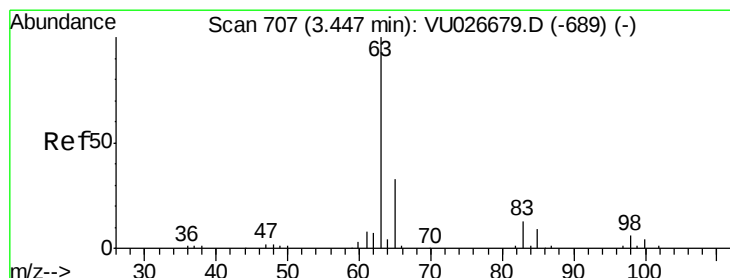
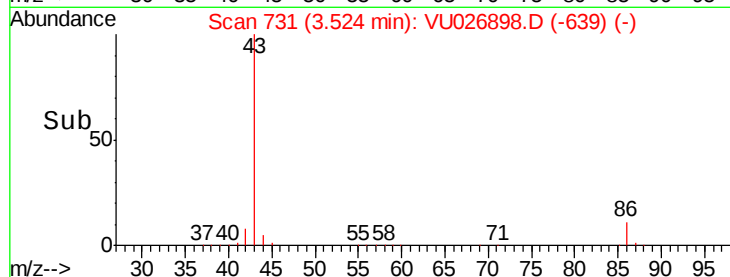
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.036 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

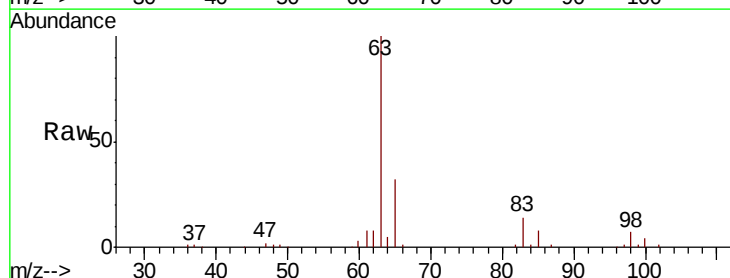
Tgt Ion: 63 Resp: 117307

Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

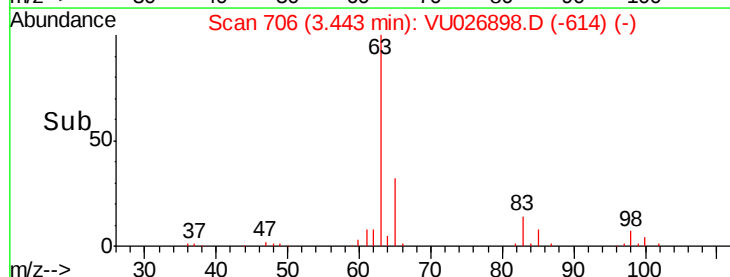
60000

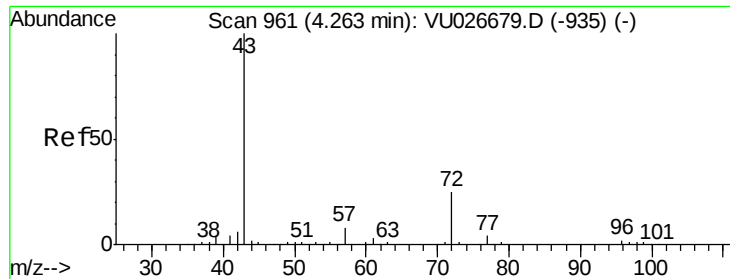
40000

20000

0

Time-->

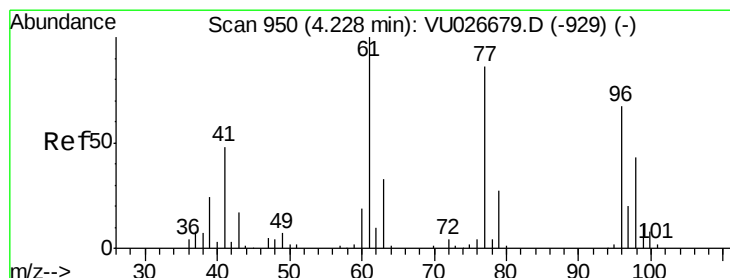
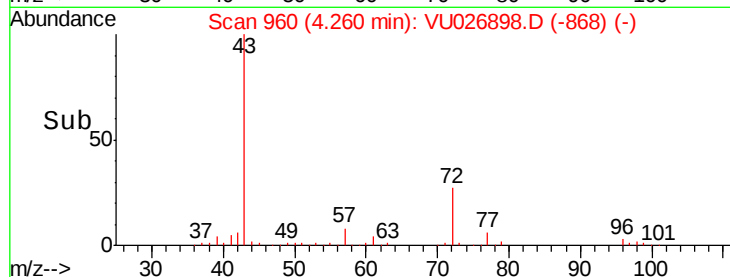
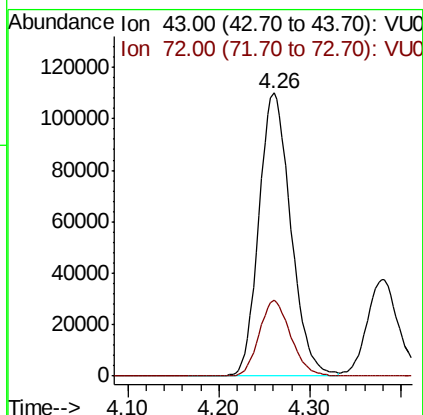
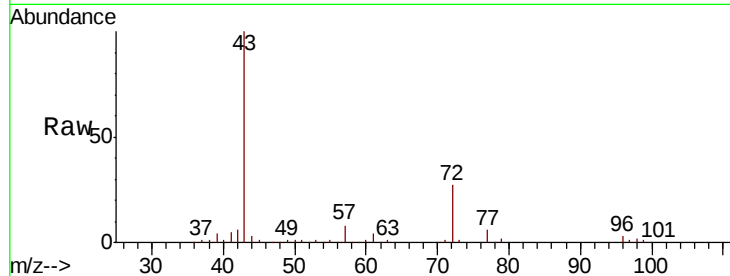




#25
 2-Butanone
 Concen: 235.932 ug/l
 RT: 4.26 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

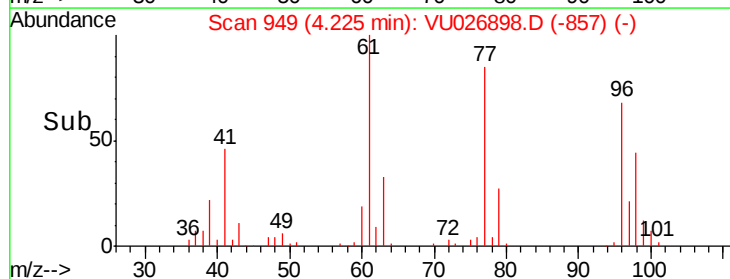
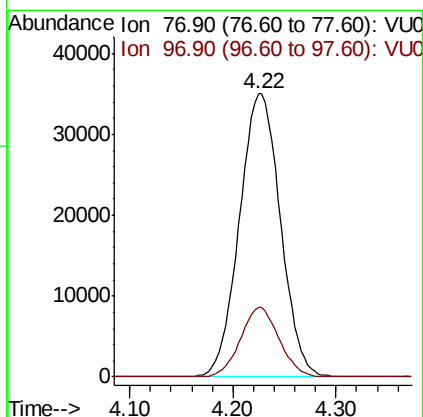
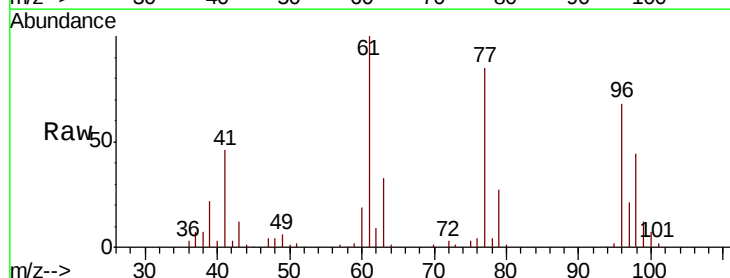
Instrument :
 MSVOA_U
 ClientSampled :

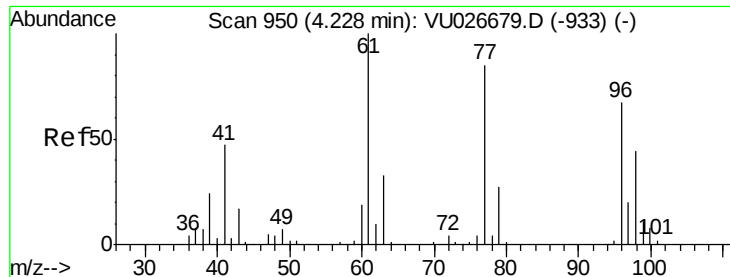
Tgt Ion: 43 Resp: 268225
 Ion Ratio Lower Upper
 43 100
 72 26.7 20.3 30.5



#26
 2,2-Dichloropropane
 Concen: 49.216 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 77 Resp: 96777
 Ion Ratio Lower Upper
 77 100
 97 23.1 11.6 34.8



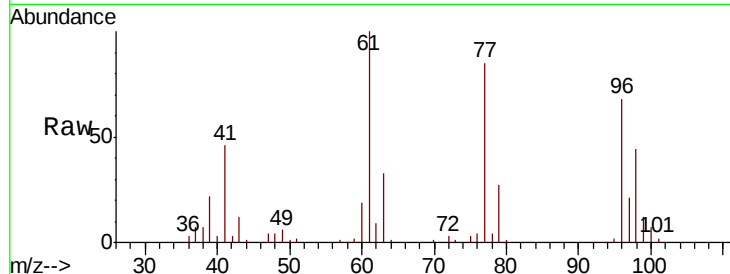


#27

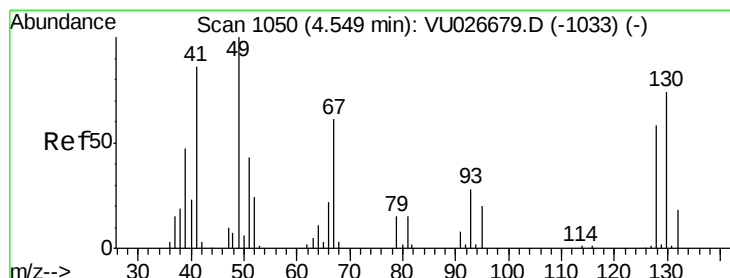
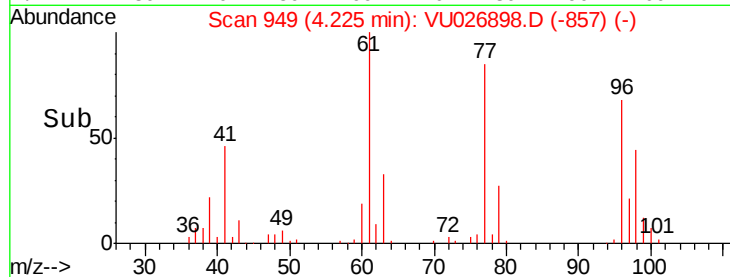
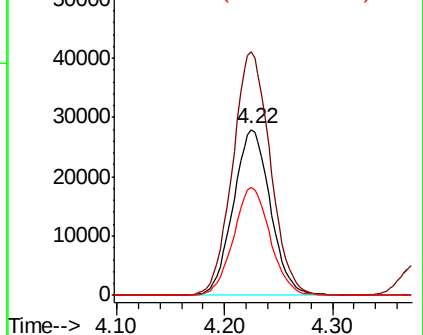
cis-1,2-Dichloroethene
Concen: 48.820 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 96 Resp: 66873
Ion Ratio Lower Upper
96 100
61 149.4 0.0 301.8
98 64.4 0.0 127.2



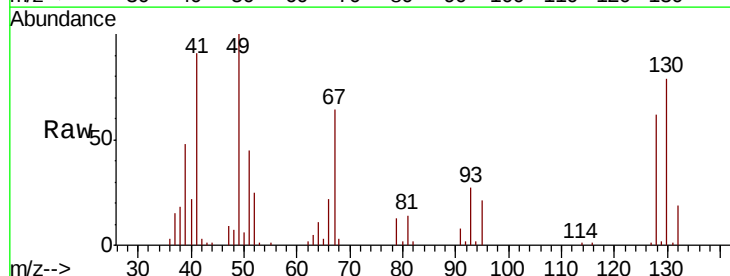
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



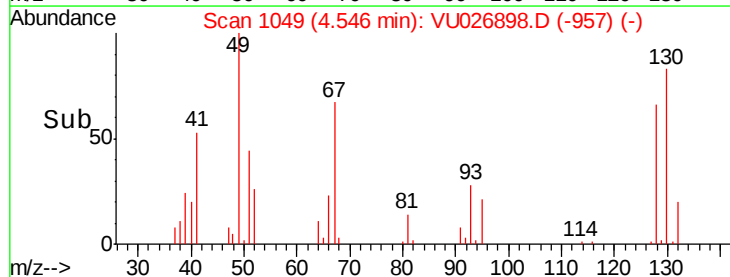
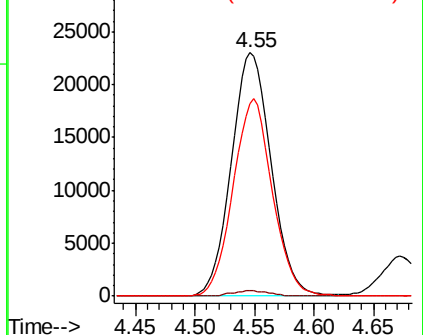
#28

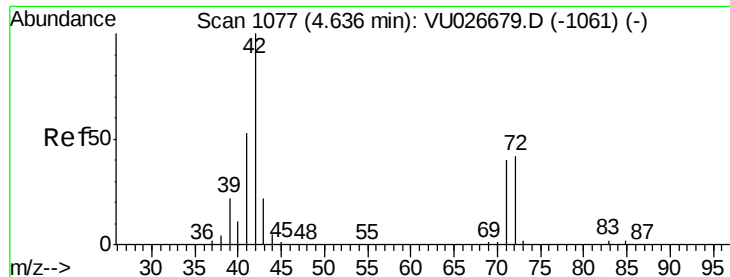
Bromochloromethane
Concen: 46.770 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 49 Resp: 53502
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 79.6 59.8 89.6



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

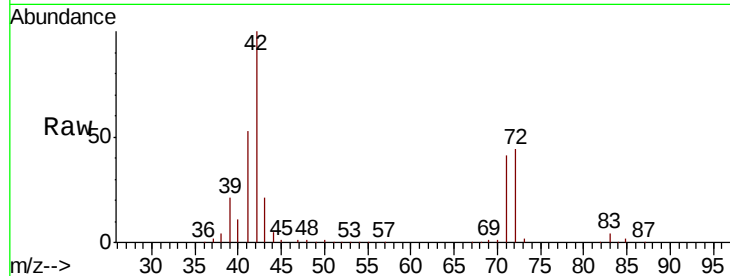




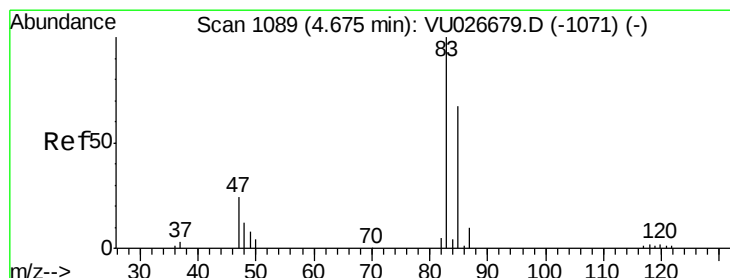
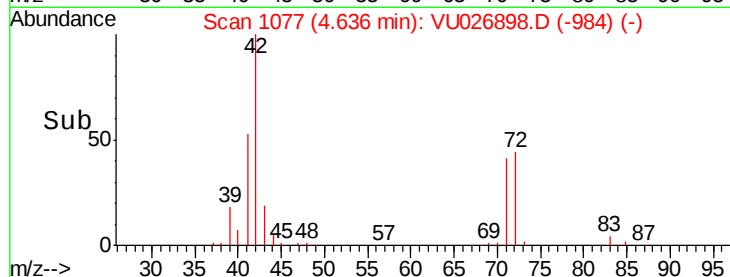
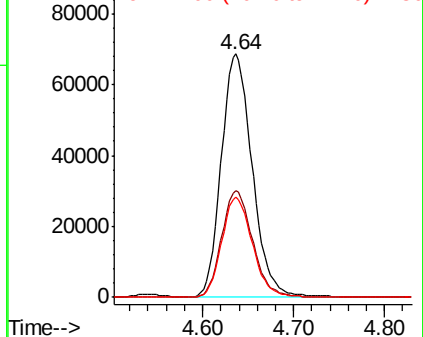
#29
Tetrahydrofuran
Concen: 235.882 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 42 Resp: 161678
Ion Ratio Lower Upper
42 100
72 44.1 34.4 51.6
71 41.0 32.4 48.6

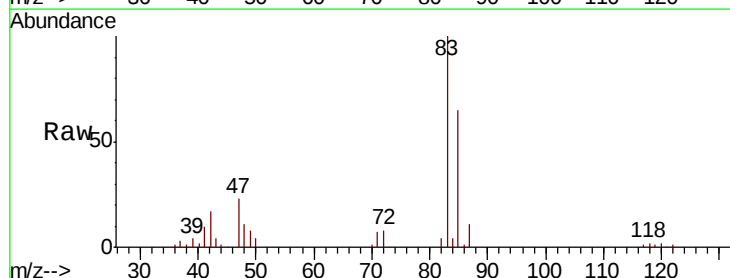


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

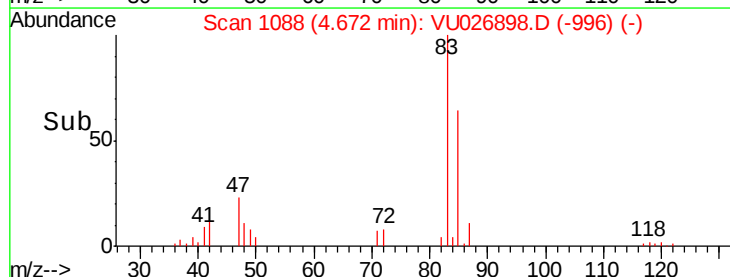
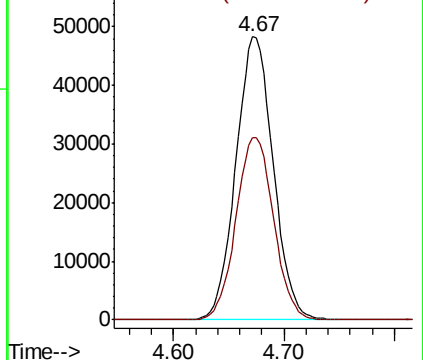


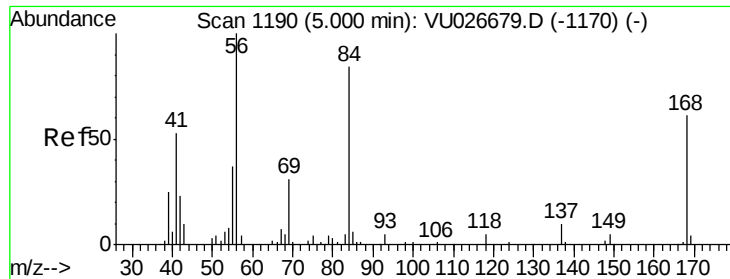
#30
Chloroform
Concen: 48.046 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 83 Resp: 113026
Ion Ratio Lower Upper
83 100
85 64.5 53.3 79.9



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

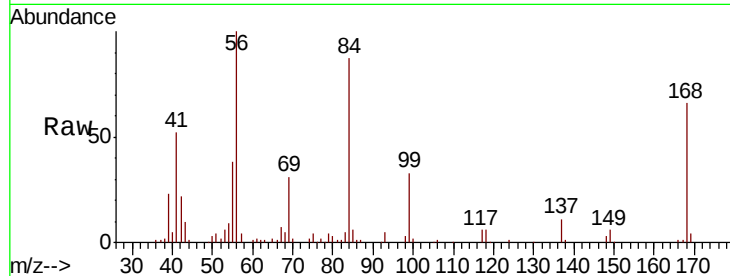




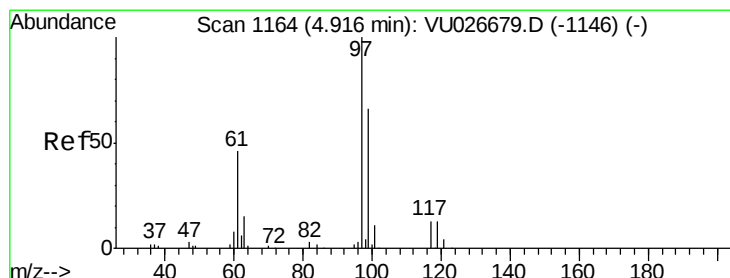
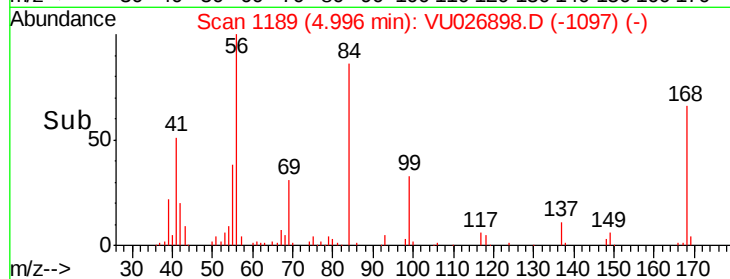
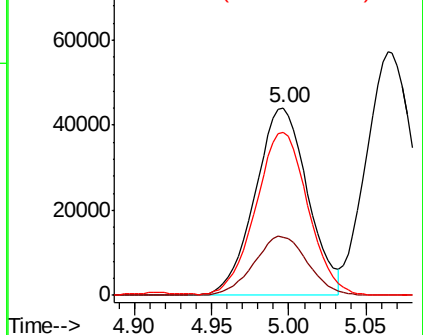
#31
Cyclohexane
Concen: 47.794 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 104444
Ion Ratio Lower Upper
56 100
69 31.3 24.9 37.3
84 86.3 66.6 100.0

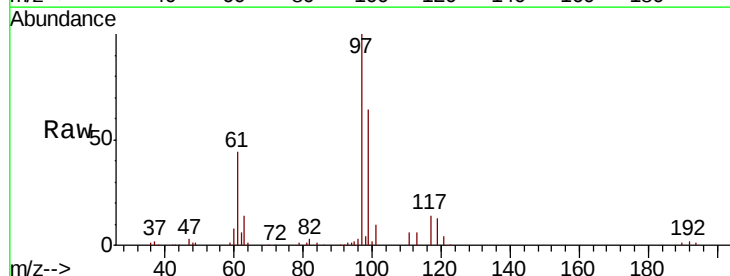


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

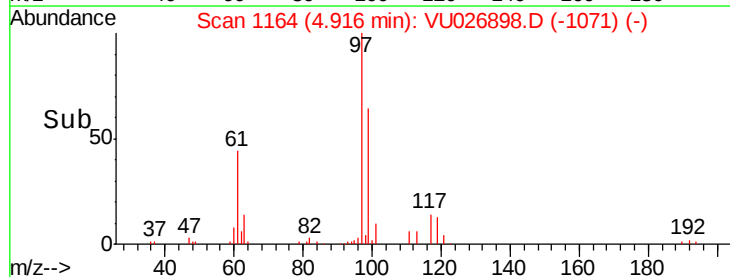
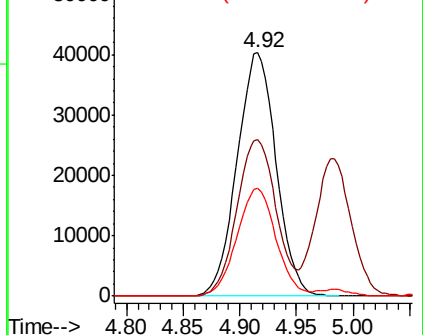


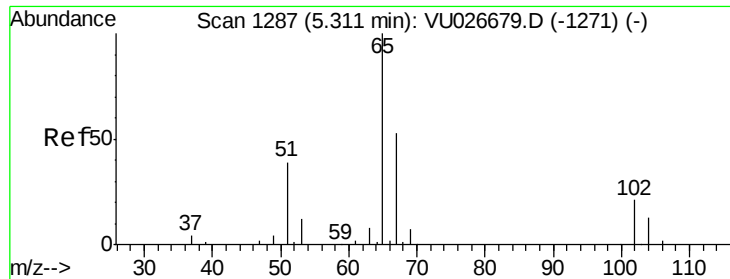
#32
1,1,1-Trichloroethane
Concen: 49.782 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 97 Resp: 96962
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 44.3 36.8 55.2



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

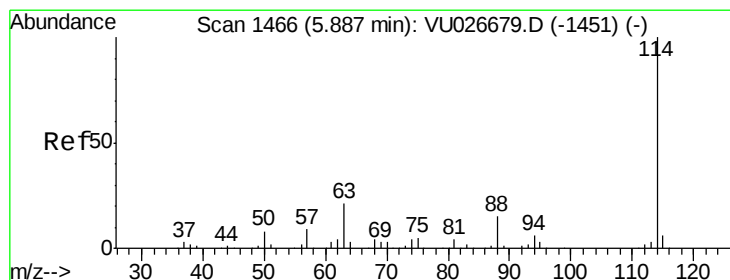
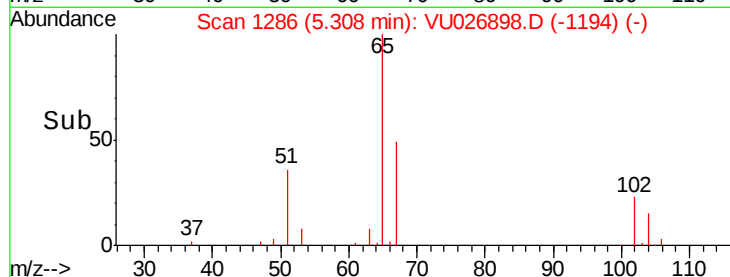
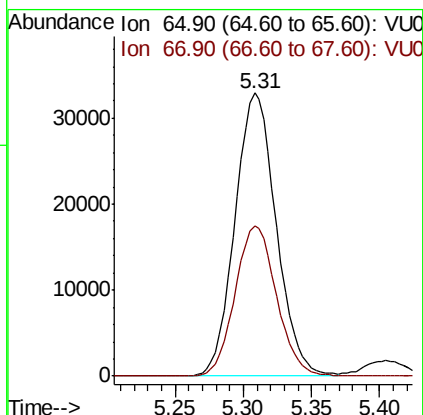
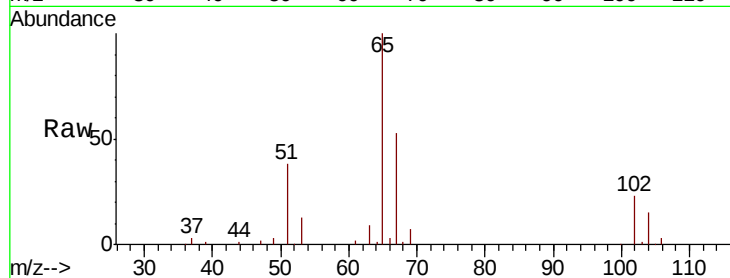




#33
 1,2-Dichloroethane-d4
 Concen: 46.306 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

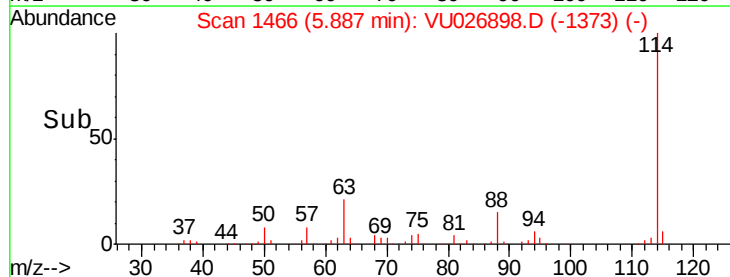
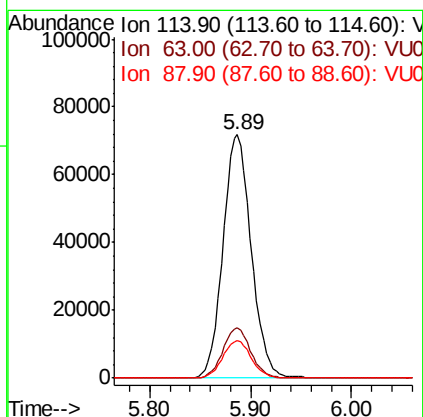
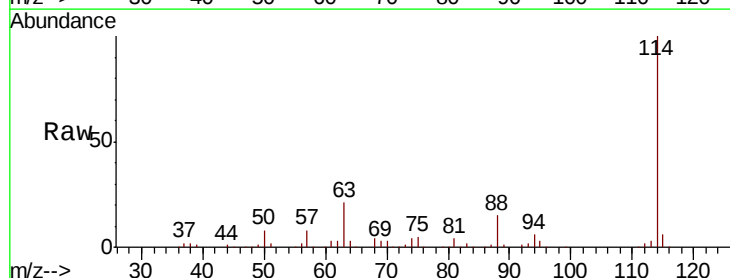
Instrument :
 MSVOA_U
 ClientSampleId :

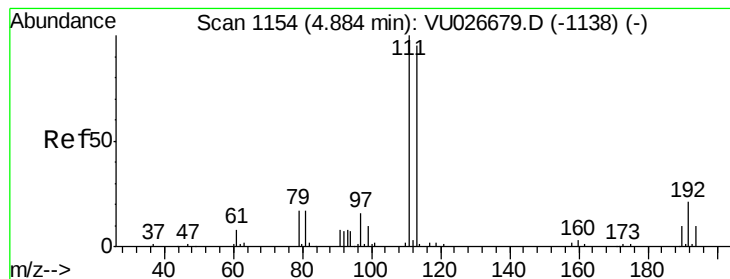
Tgt Ion: 65 Resp: 69028
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 114 Resp: 140360
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.345 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

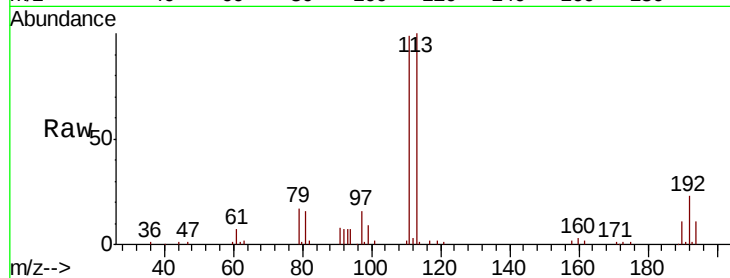
Tgt Ion:113 Resp: 58786

Ion Ratio Lower Upper

113 100

111 101.2 83.1 124.7

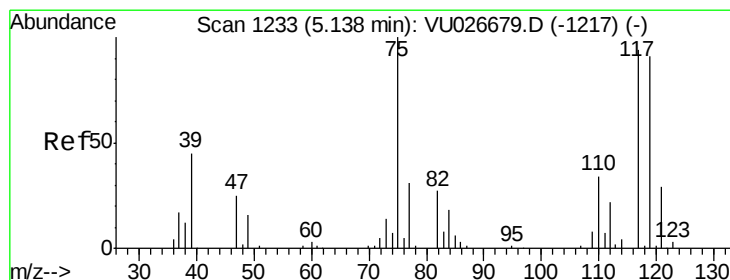
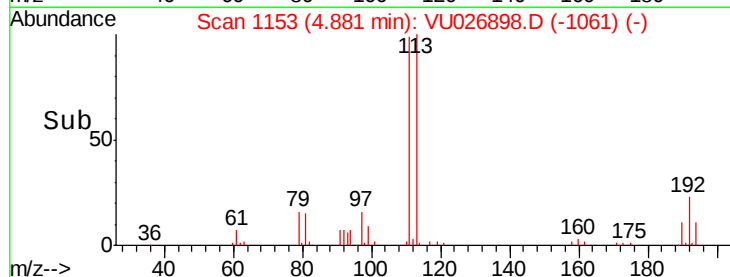
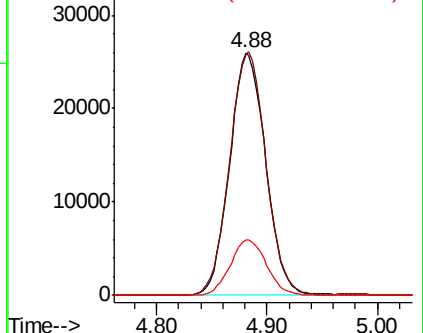
192 22.9 17.4 26.2



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: 54.032 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

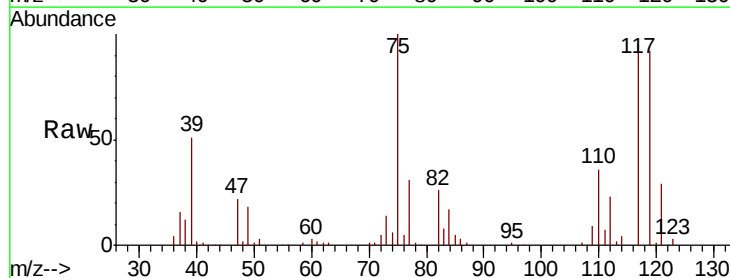
Tgt Ion: 75 Resp: 85149

Ion Ratio Lower Upper

75 100

110 35.4 17.3 51.9

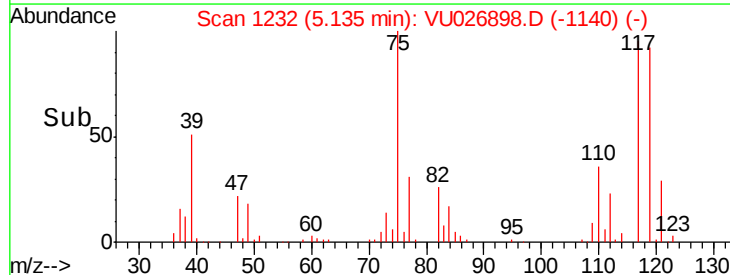
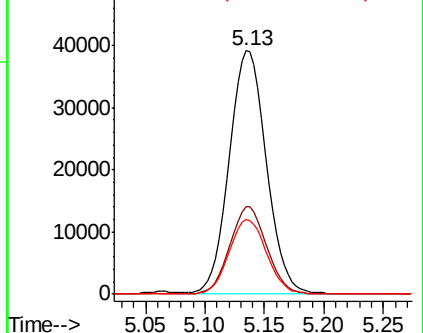
77 30.9 24.9 37.3

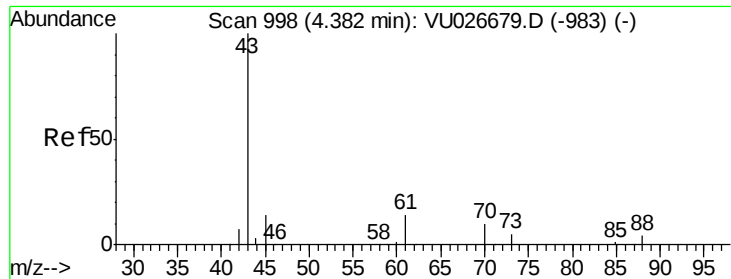


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

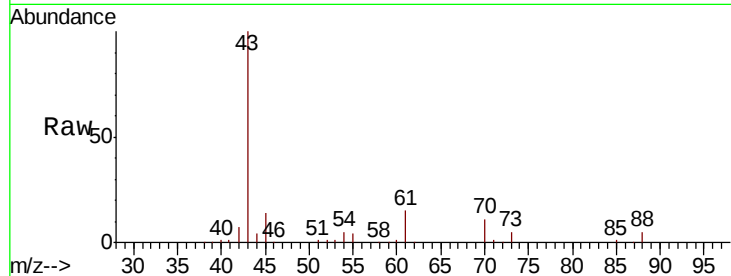




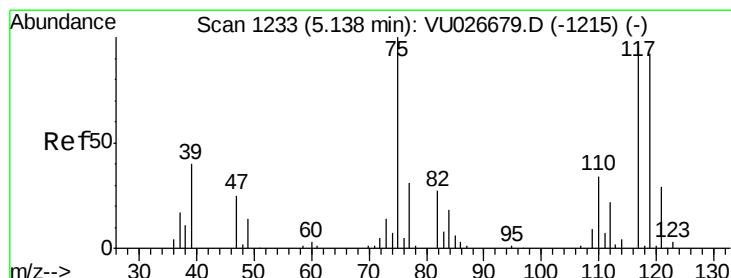
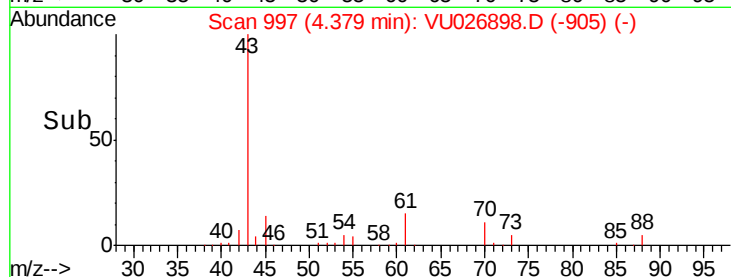
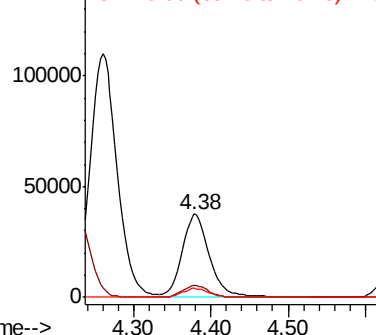
#37
Ethyl Acetate
Concen: 48.959 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 92779
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 10.6 7.8 11.8

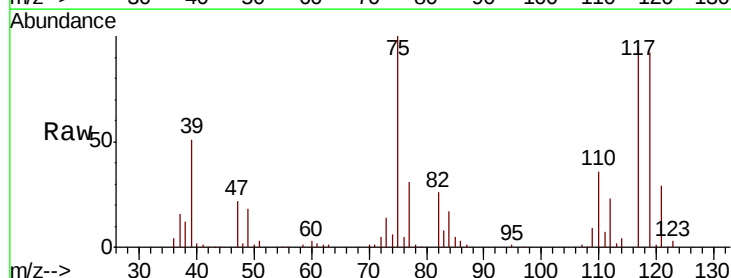


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

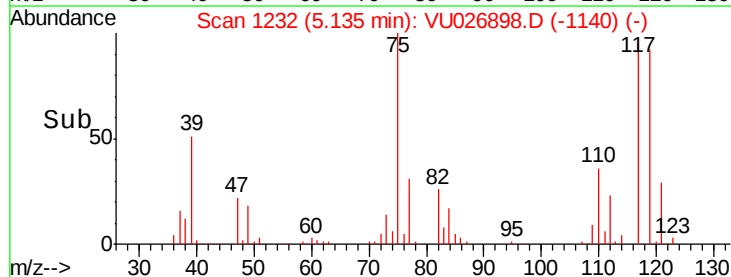
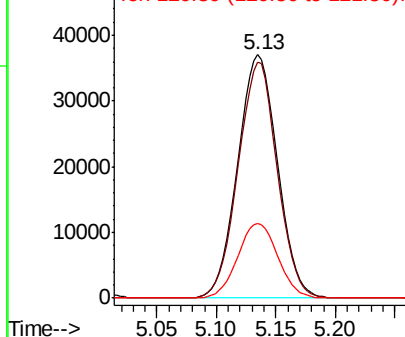


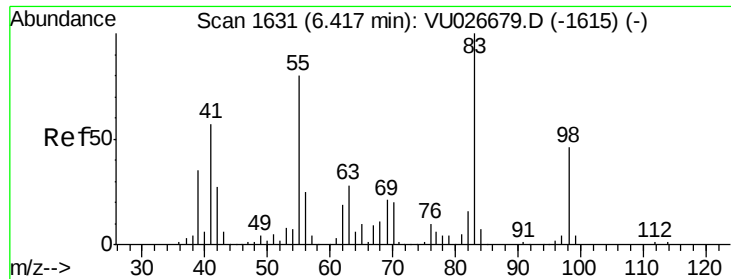
#38
Carbon Tetrachloride
Concen: 51.535 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 117 Resp: 85804
Ion Ratio Lower Upper
117 100
119 97.1 77.8 116.8
121 30.7 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

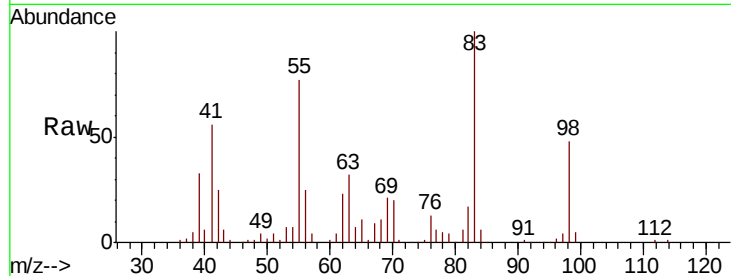




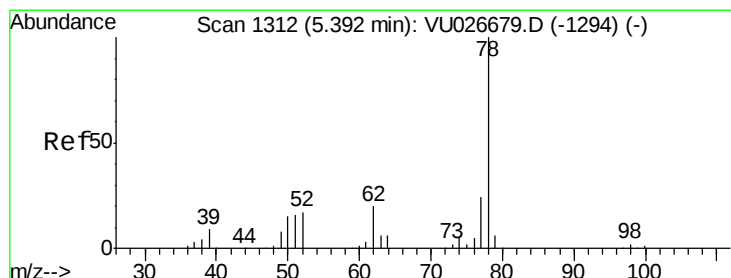
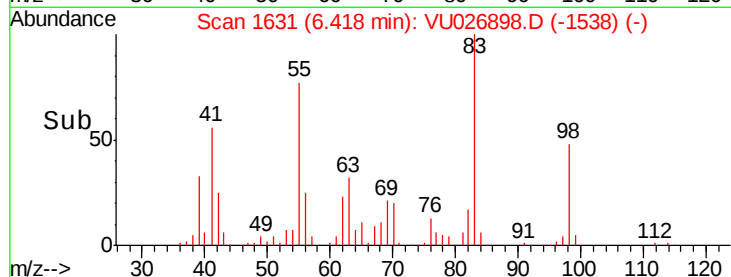
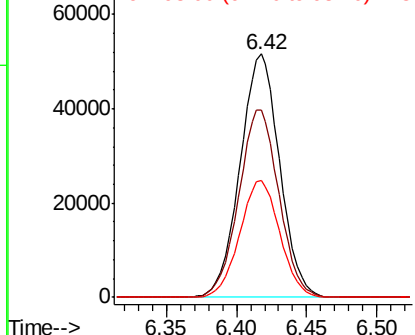
#39
Methylcyclohexane
Concen: 54.140 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 101301
Ion Ratio Lower Upper
83 100
55 76.9 63.8 95.6
98 47.8 37.2 55.8

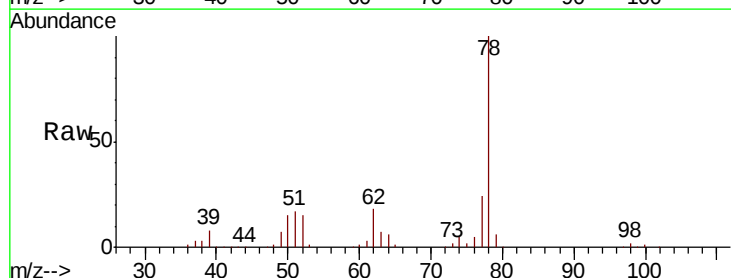


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

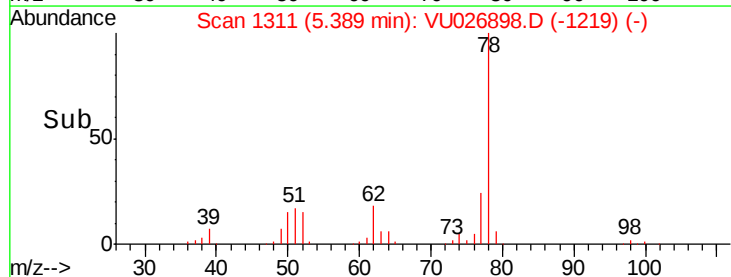
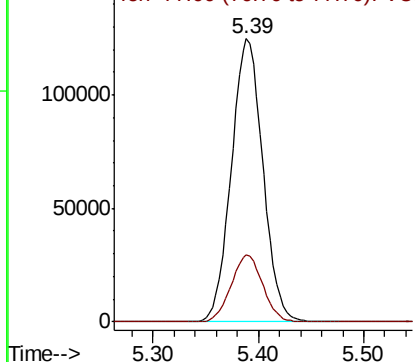


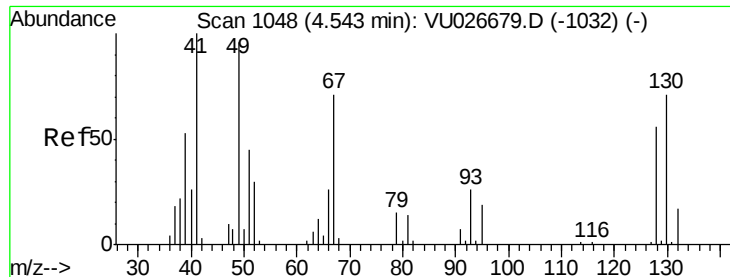
#40
Benzene
Concen: 52.861 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 78 Resp: 258701
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3



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

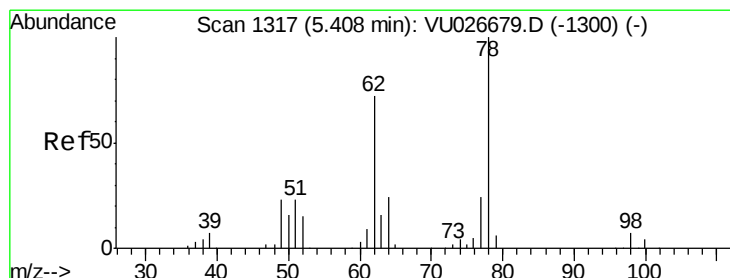
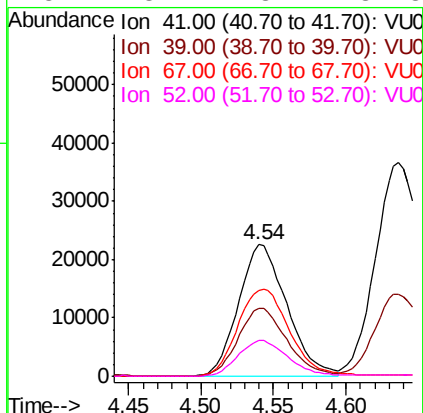
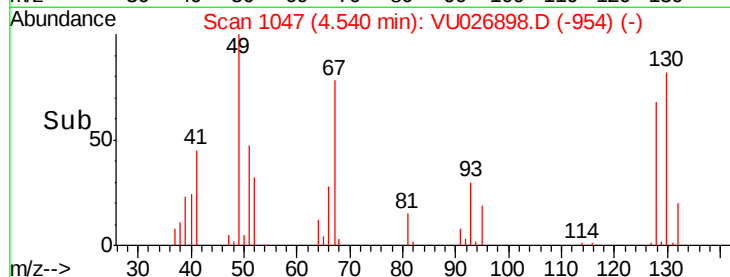
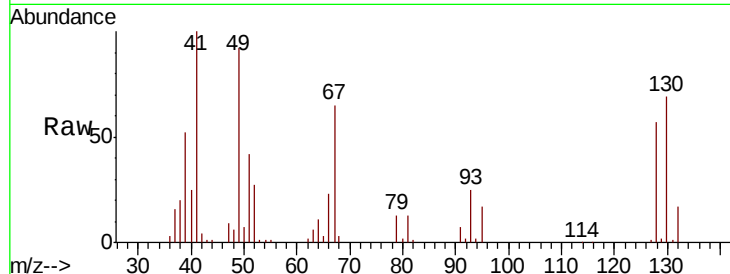




#41
Methacrylonitrile
Concen: 48.970 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

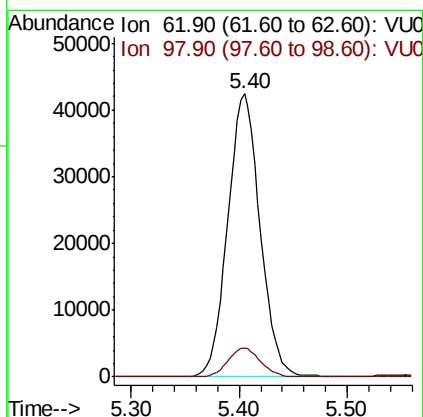
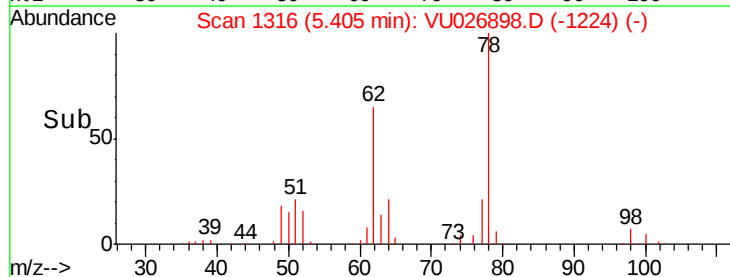
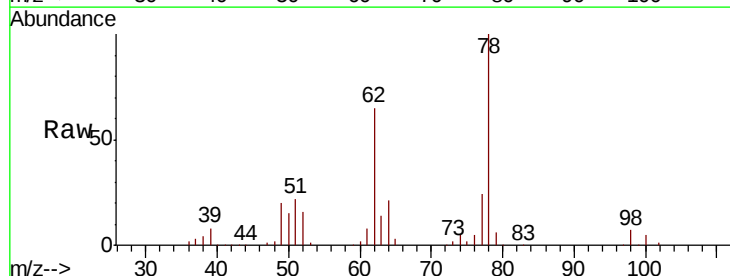
Instrument :
MSVOA_U
ClientSampleId :

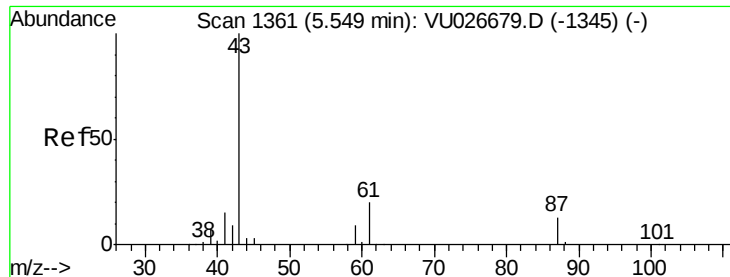
Tgt Ion:	41	Resp:	52279
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.9	64.3
67	71.3	56.6	84.8
52	28.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 50.658 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion:	62	Resp:	88404
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	17.8

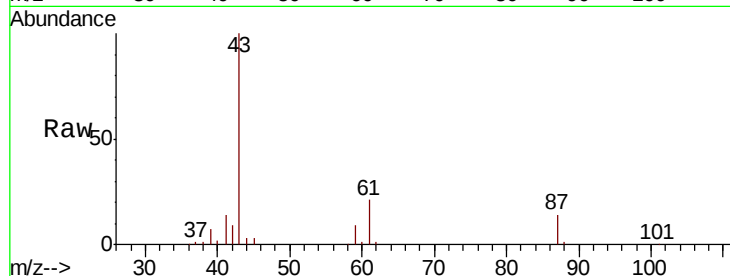




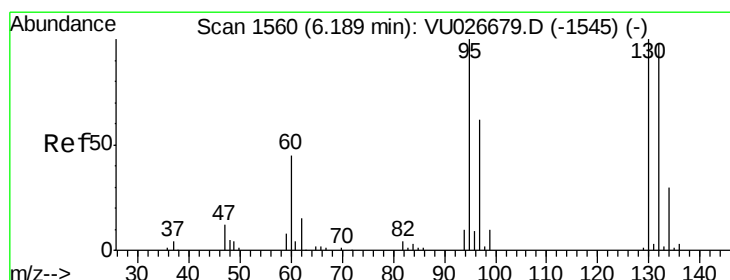
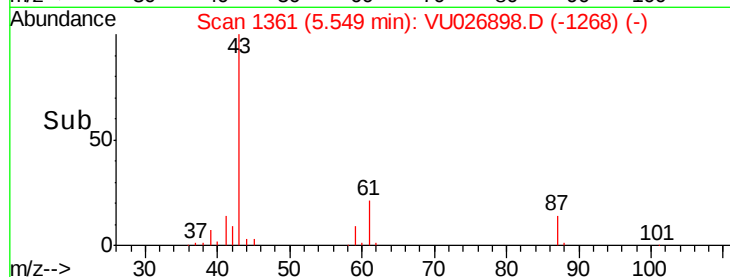
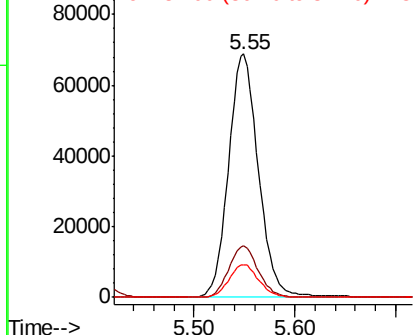
#43
Isopropyl Acetate
Concen: 49.137 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 141786
Ion Ratio Lower Upper
43 100
61 21.0 16.0 24.0
87 13.3 10.1 15.1

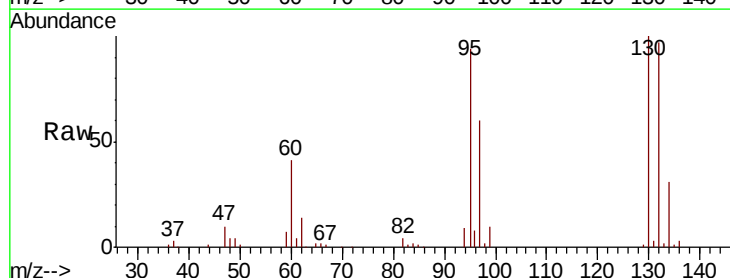


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

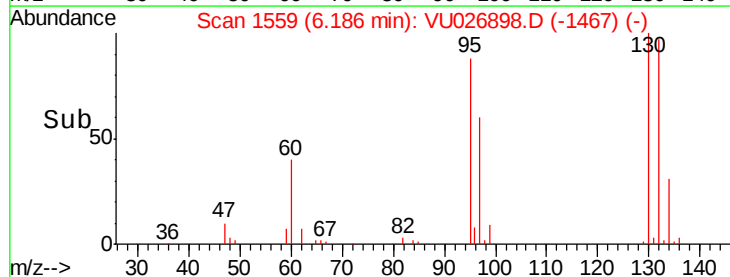
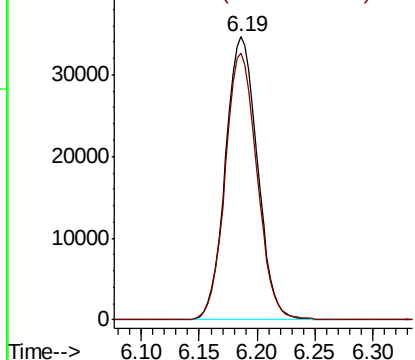


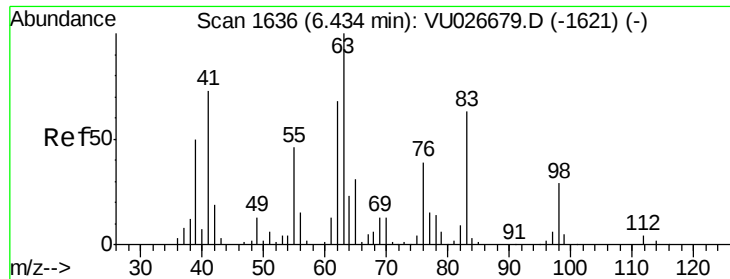
#44
Trichloroethene
Concen: 54.760 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 130 Resp: 66328
Ion Ratio Lower Upper
130 100
95 94.0 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

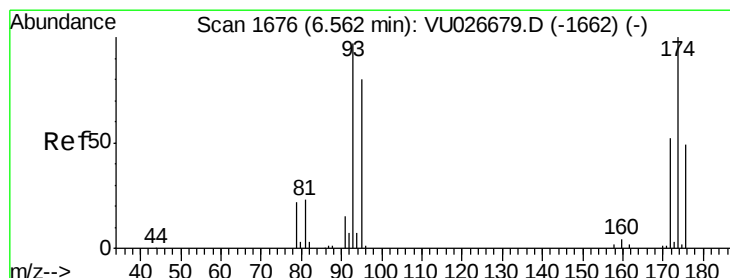
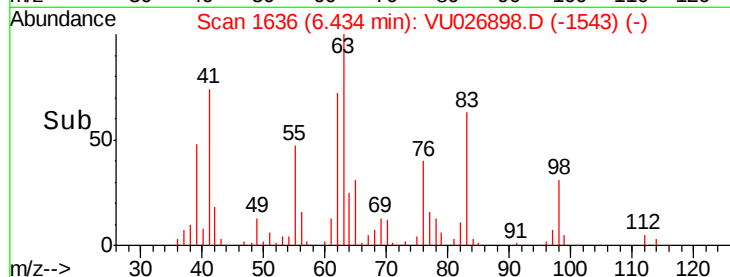
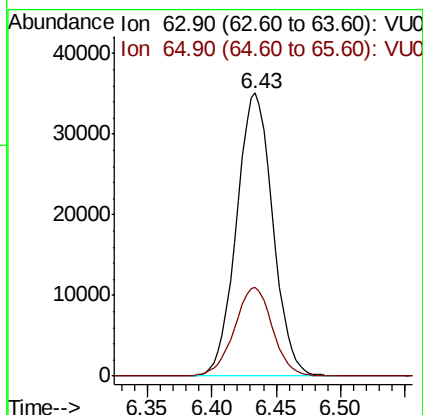
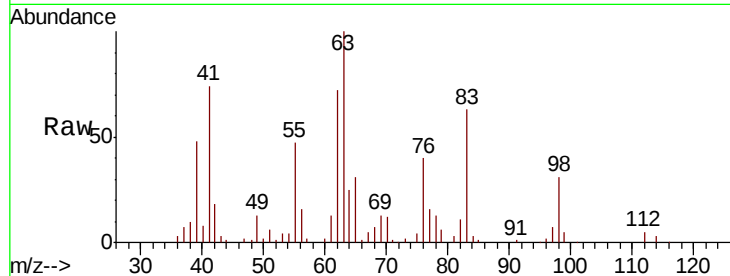




#45
 1,2-Dichloropropane
 Concen: 51.735 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

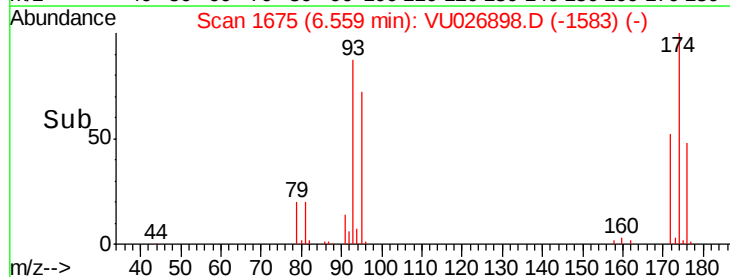
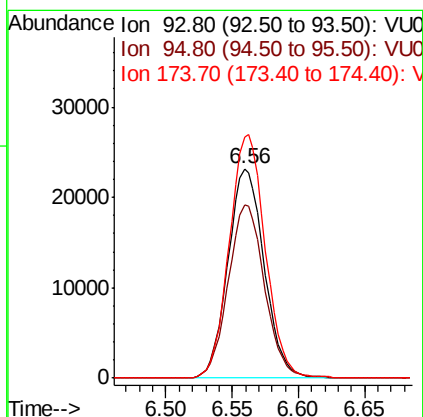
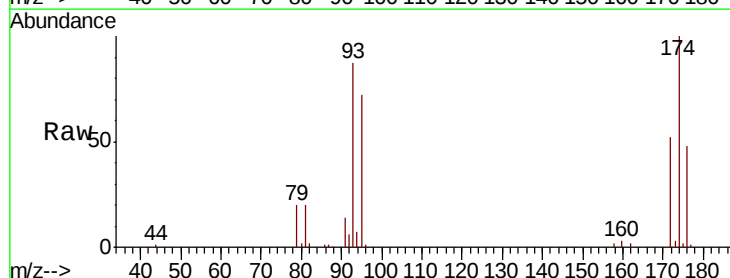
Instrument :
 MSVOA_U
 ClientSampled :

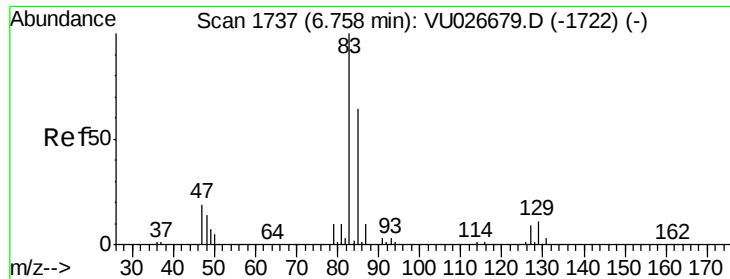
Tgt Ion: 63 Resp: 68829
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 51.325 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 93 Resp: 44064
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.4 98.2
 174 115.2 81.6 122.4





#47

Bromodichloromethane

Concen: 51.946 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

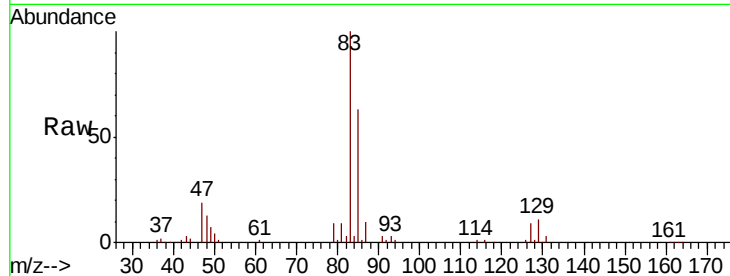
Tgt Ion: 83 Resp: 87818

Ion Ratio Lower Upper

83 100

85 63.2 51.1 76.7

127 9.0 6.9 10.3

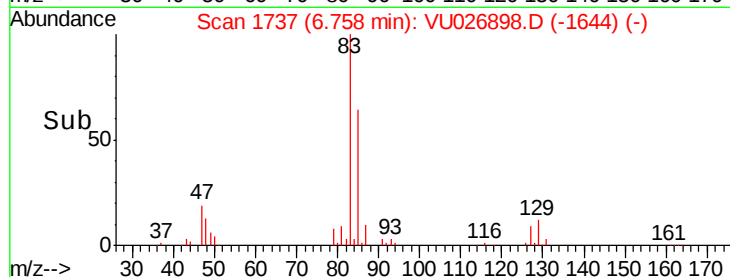


Abundance Ion 82.90 (82.60 to 83.60): VU026679.D (-1722) (-)

Ion 84.90 (84.60 to 85.60): VU026679.D (-1722) (-)

Ion 126.80 (126.50 to 127.50): VU026679.D (-1722) (-)

6.76



6.76

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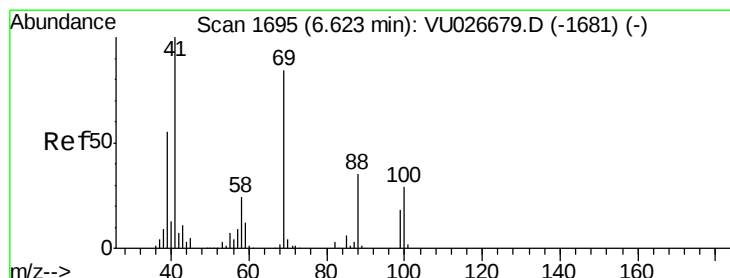
6.76

6.76

6.76

6.76

6.76



#48

Methyl methacrylate

Concen: 46.361 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

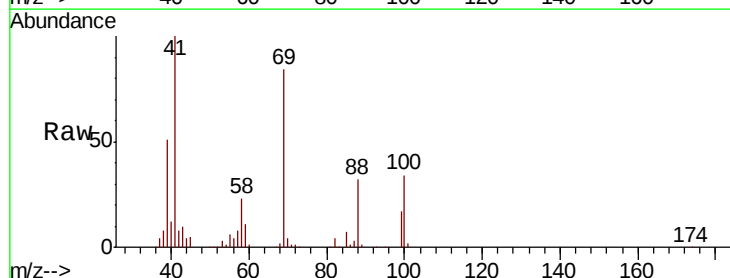
Tgt Ion: 41 Resp: 72979

Ion Ratio Lower Upper

41 100

69 86.4 66.6 99.8

39 51.7 43.6 65.4

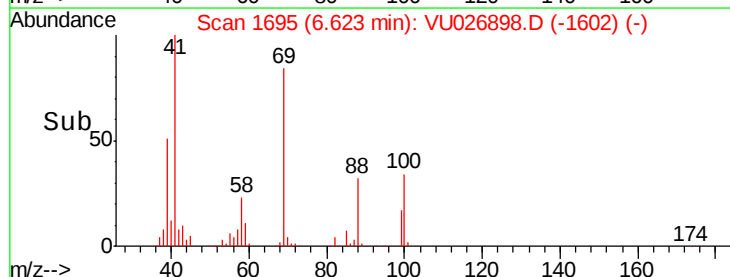


Abundance Ion 41.00 (40.70 to 41.70): VU026679.D (-1681) (-)

Ion 69.00 (68.70 to 69.70): VU026679.D (-1681) (-)

Ion 39.00 (38.70 to 39.70): VU026679.D (-1681) (-)

6.62



6.62

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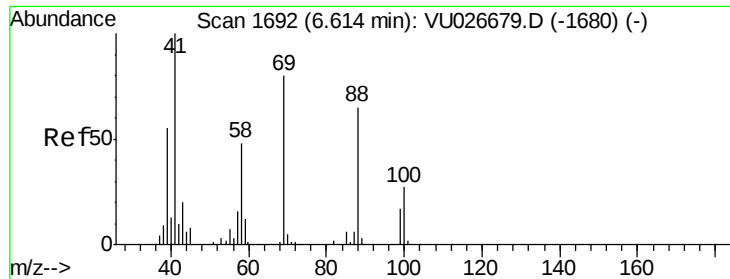
6.62

6.62

6.62

6.62

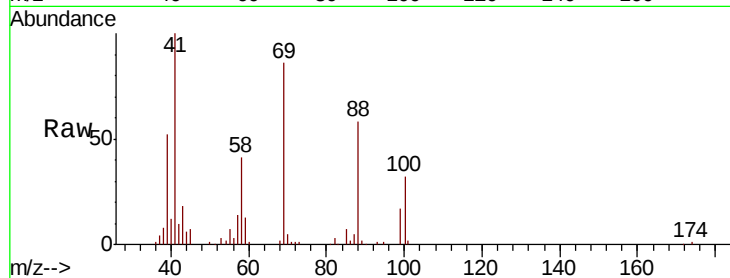
6.62



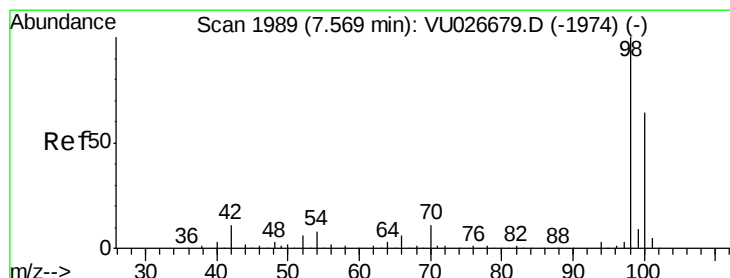
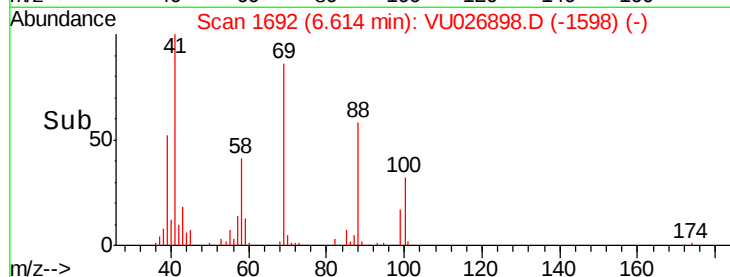
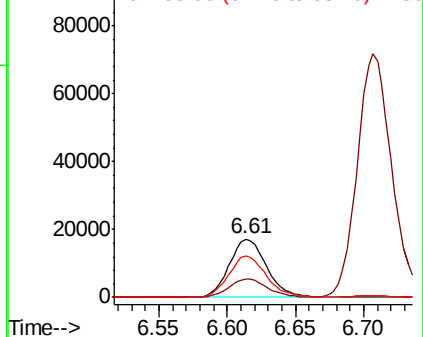
#49
1,4-Dioxane
Concen: 909.715 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 88 Resp: 32790
Ion Ratio Lower Upper
88 100
43 32.1 25.5 38.3
58 71.6 58.2 87.4

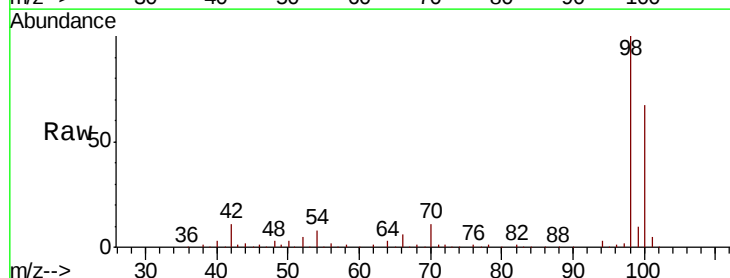


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

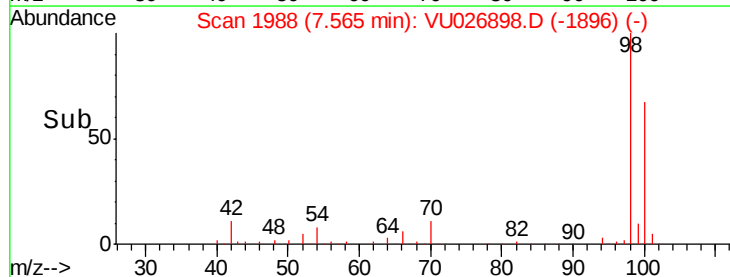
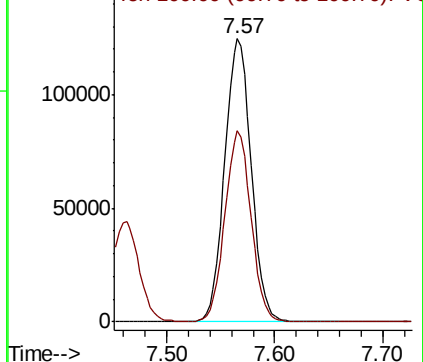


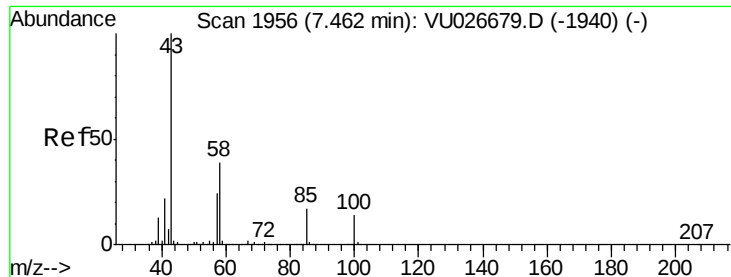
#50
Toluene-d8
Concen: 50.504 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 98 Resp: 213860
Ion Ratio Lower Upper
98 100
100 66.4 51.2 76.8



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

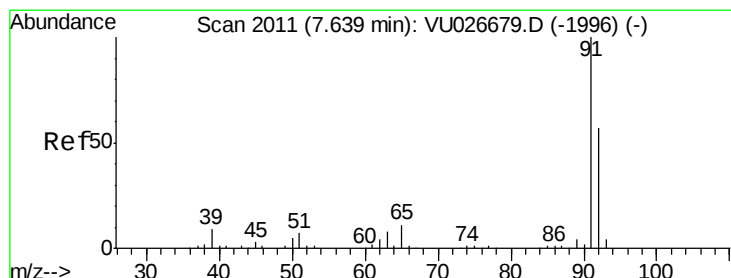
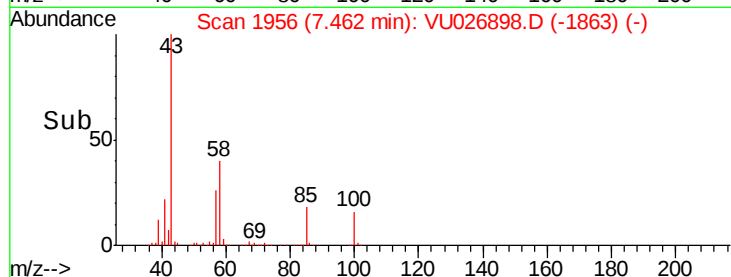
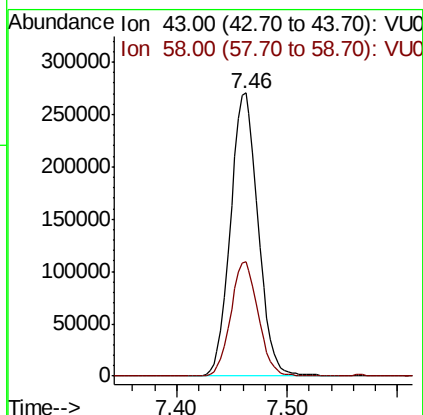
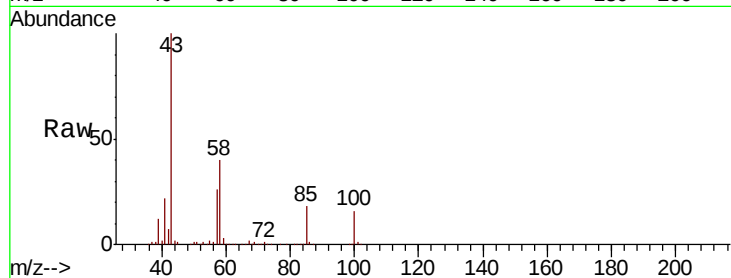




#51
 4-Methyl-2-Pentanone
 Concen: 243.850 ug/l
 RT: 7.46 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

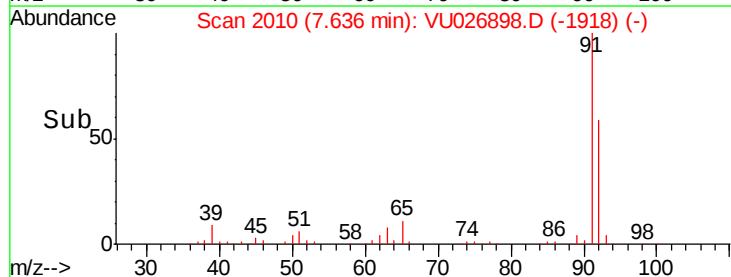
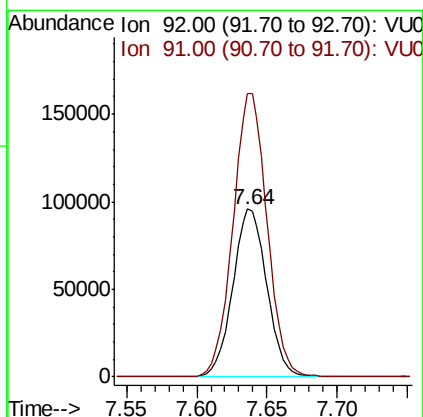
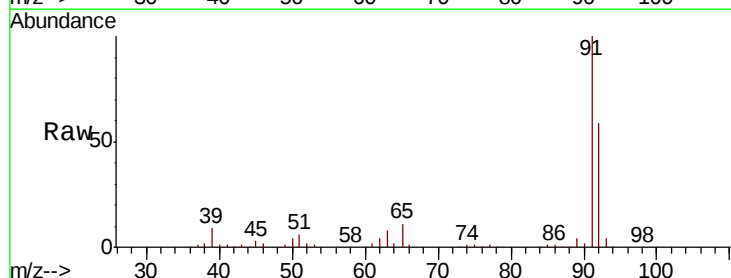
Instrument :
 MSVOA_U
 ClientSampleId :

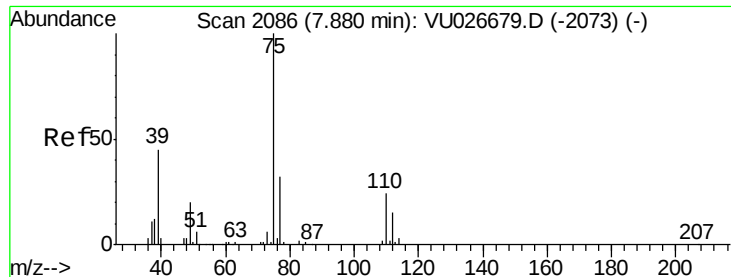
Tgt Ion: 43 Resp: 470651
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.1 46.7



#52
 Toluene
 Concen: 55.403 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 92 Resp: 161510
 Ion Ratio Lower Upper
 92 100
 91 169.1 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 52.303 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

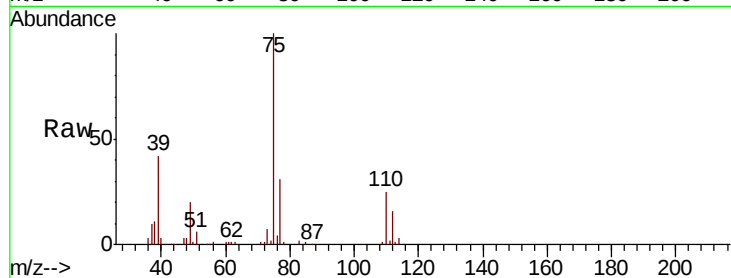
ClientSampleId :

Tgt Ion: 75 Resp: 98078

Ion Ratio Lower Upper

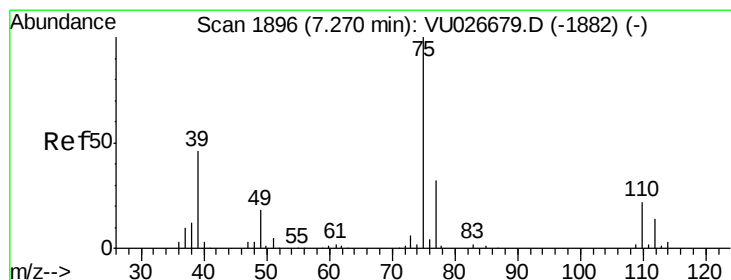
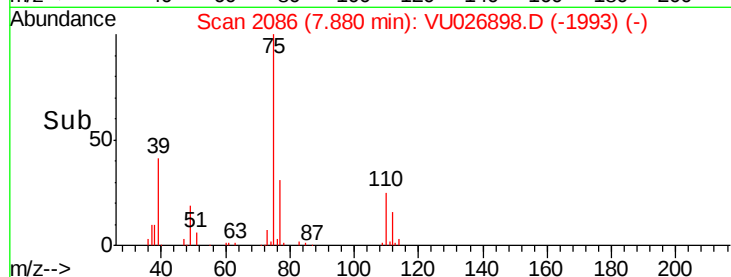
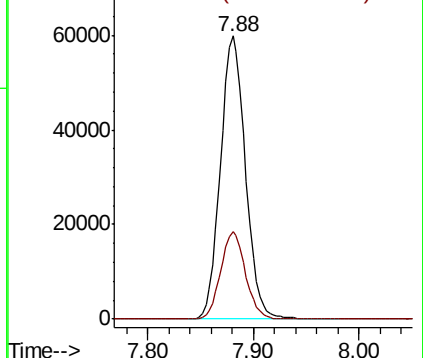
75 100

77 31.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 52.992 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

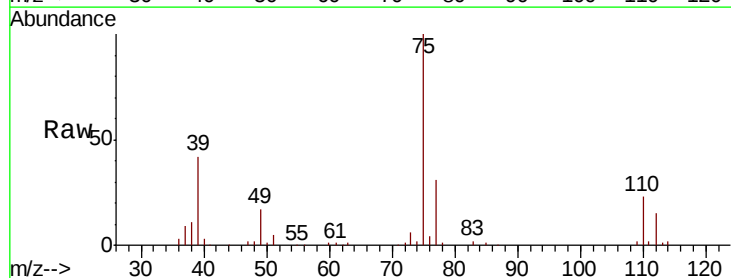
Tgt Ion: 75 Resp: 106703

Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

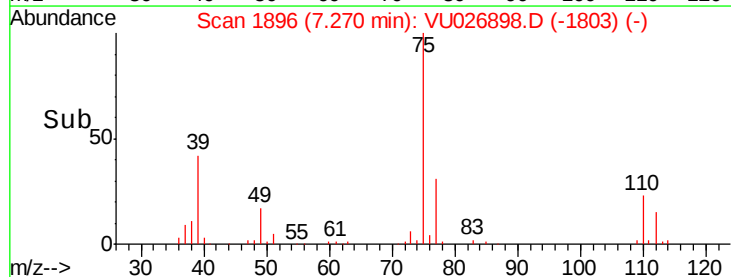
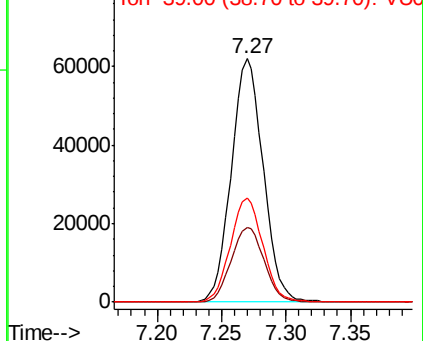
39 42.5 37.0 55.6

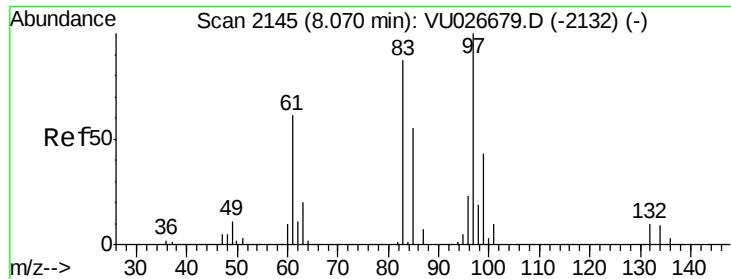


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

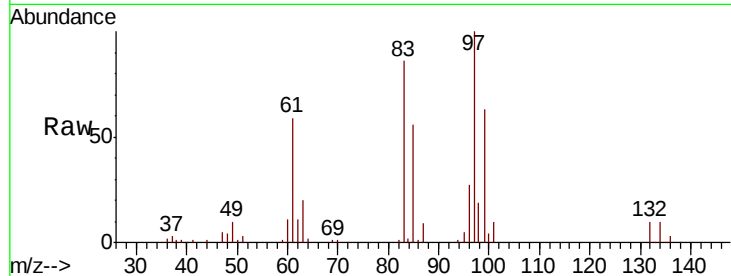




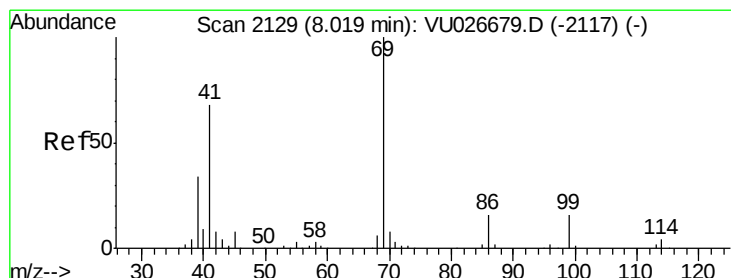
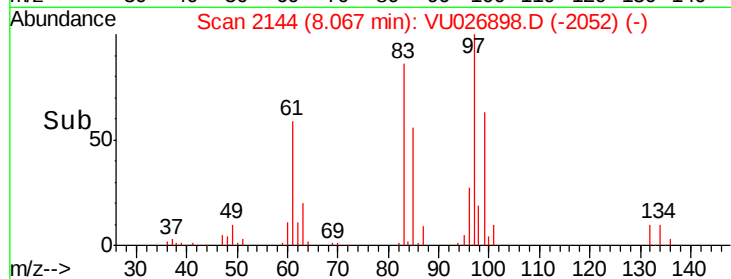
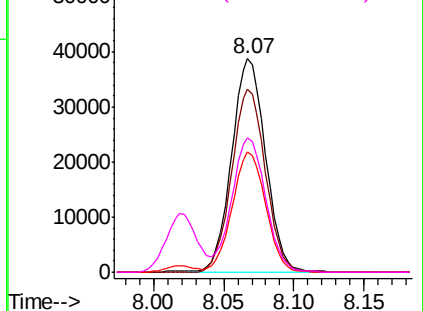
#55
 1,1,2-Trichloroethane
 Concen: 52.289 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion:	97	Resp:	65310
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.3	103.9
85	56.1	45.9	68.9
99	62.9	50.1	75.1

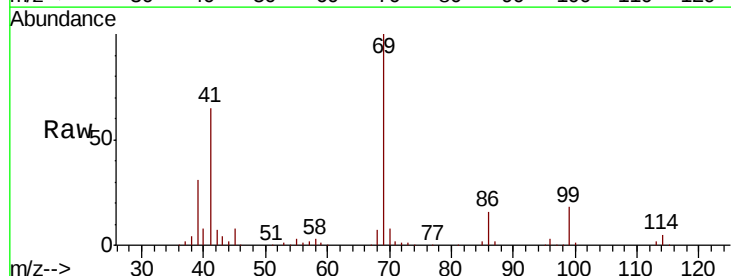


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

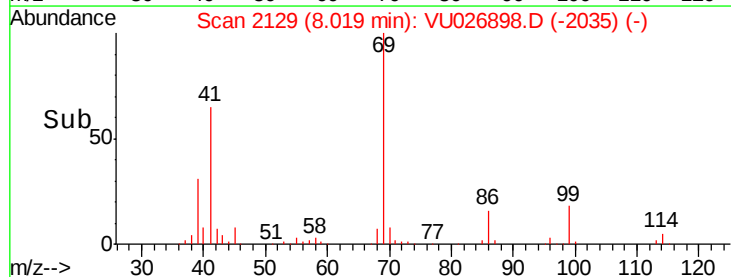
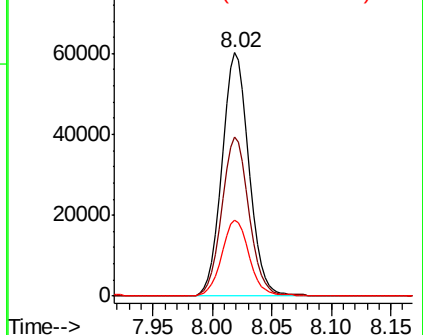


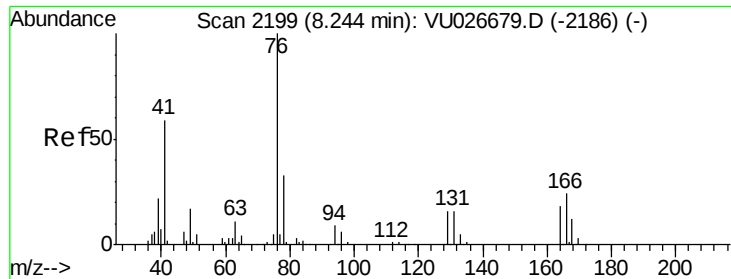
#56
 Ethyl methacrylate
 Concen: 45.310 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion:	69	Resp:	94740
Ion	Ratio	Lower	Upper
69	100		
41	65.9	54.2	81.2
39	32.0	28.4	42.6



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

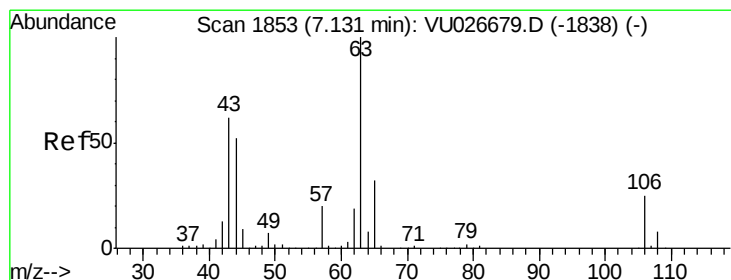
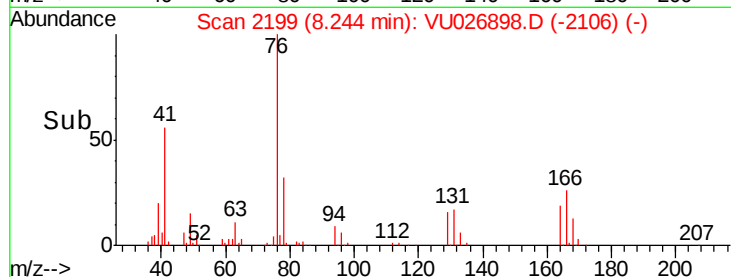
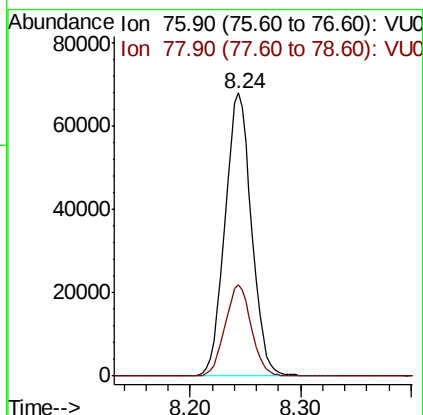
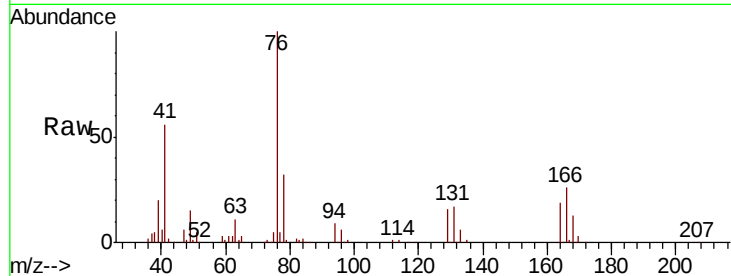




#57
 1,3-Dichloropropane
 Concen: 53.038 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

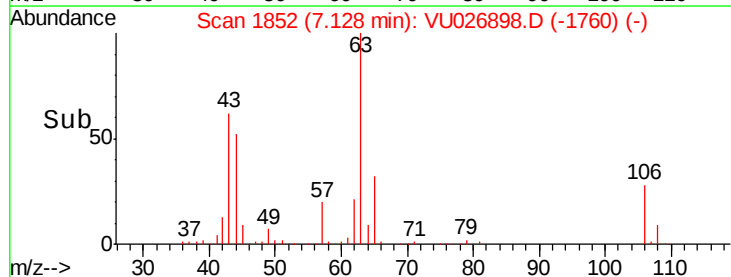
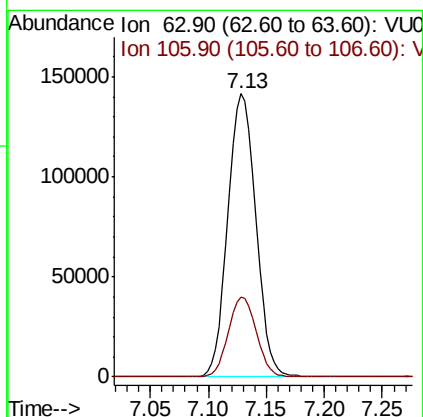
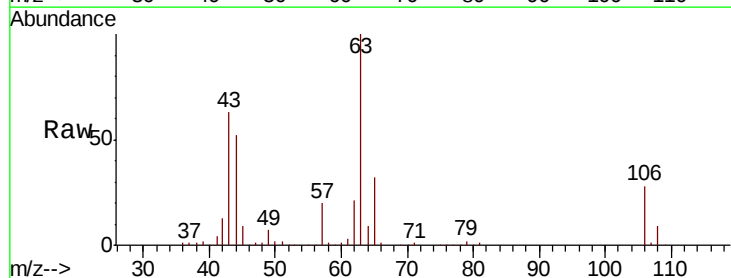
Instrument :
 MSVOA_U
 ClientSampleId :

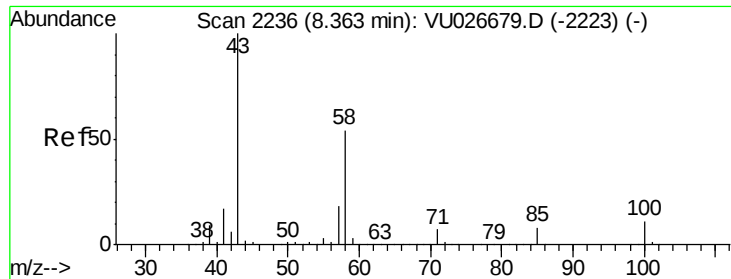
Tgt Ion: 76 Resp: 112911
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.595 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 63 Resp: 236560
 Ion Ratio Lower Upper
 63 100
 106 28.0 20.5 30.7

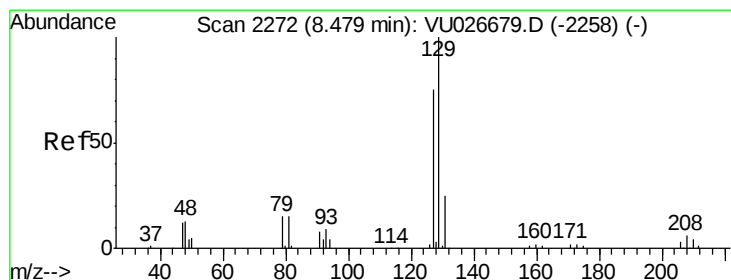
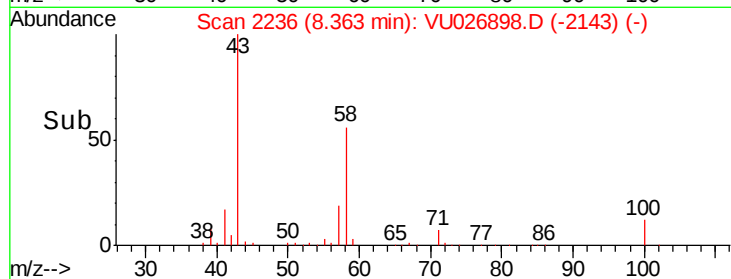
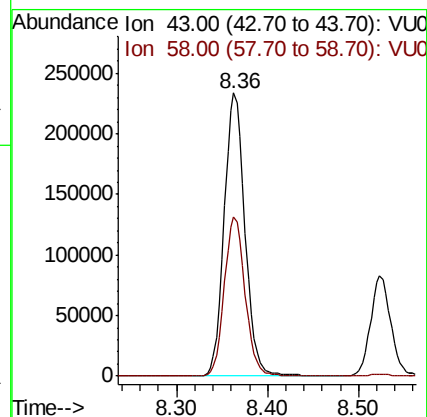
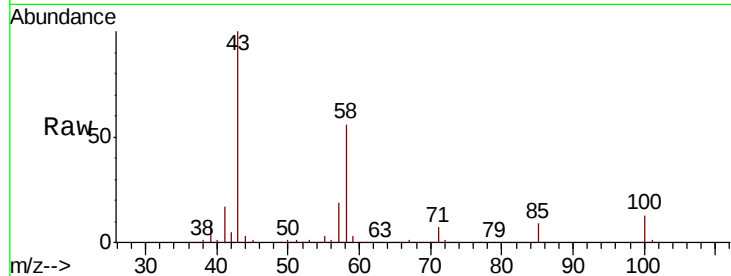




#59
 2-Hexanone
 Concen: 245.171 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

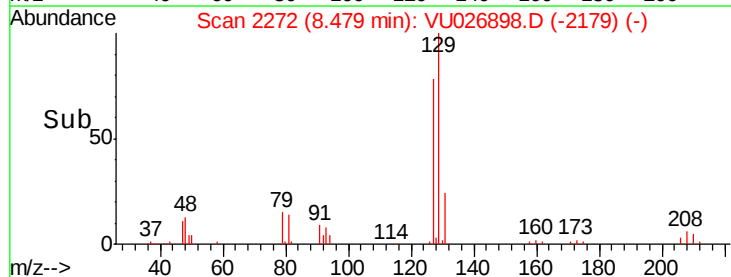
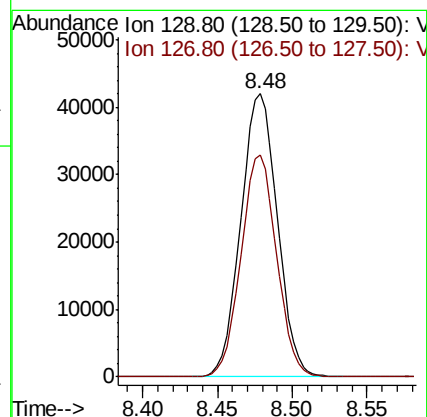
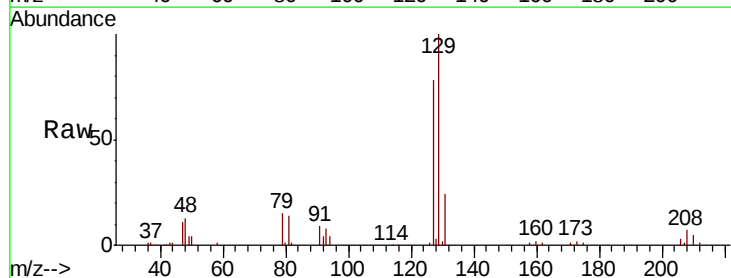
Instrument :
 MSVOA_U
 ClientSampled :

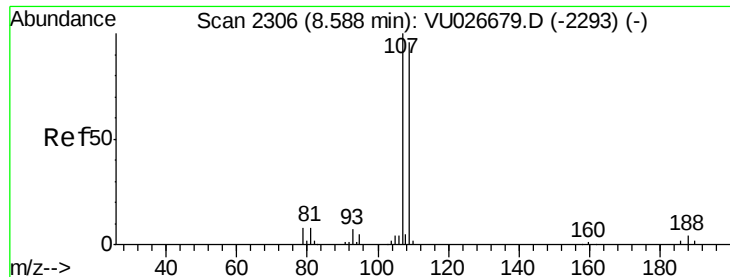
Tgt Ion: 43 Resp: 372408
 Ion Ratio Lower Upper
 43 100
 58 56.2 26.9 80.7



#60
 Dibromochloromethane
 Concen: 52.878 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 129 Resp: 71529
 Ion Ratio Lower Upper
 129 100
 127 76.4 38.3 114.9

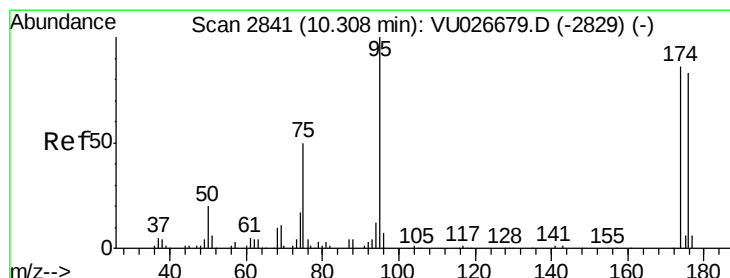
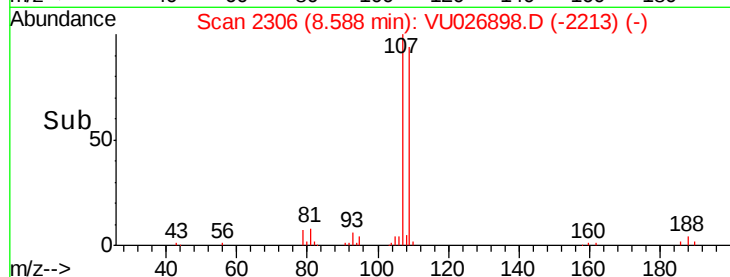
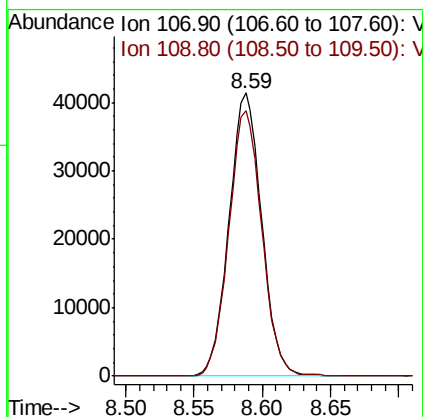
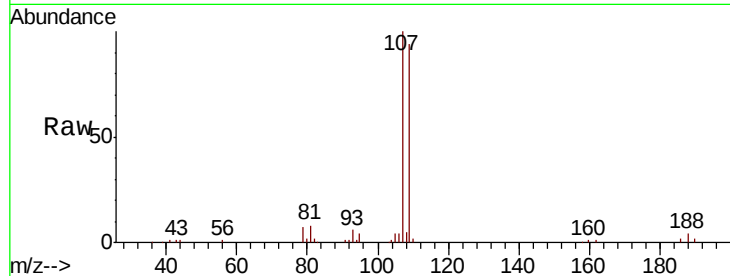




#61
 1,2-Dibromoethane
 Concen: 50.673 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

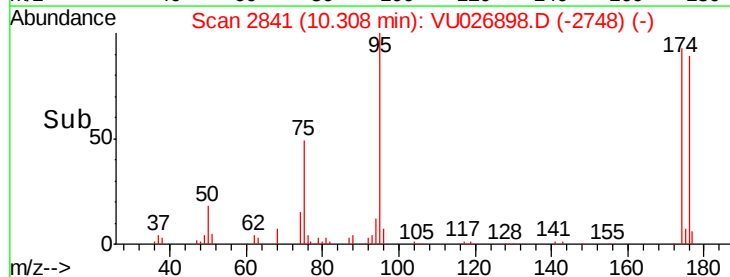
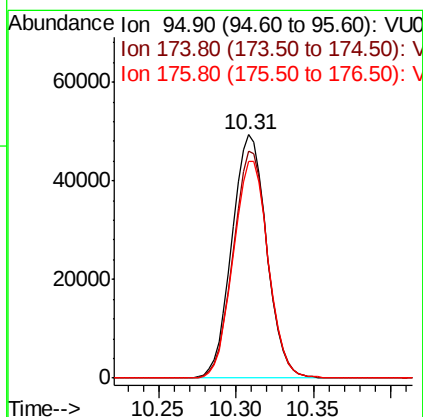
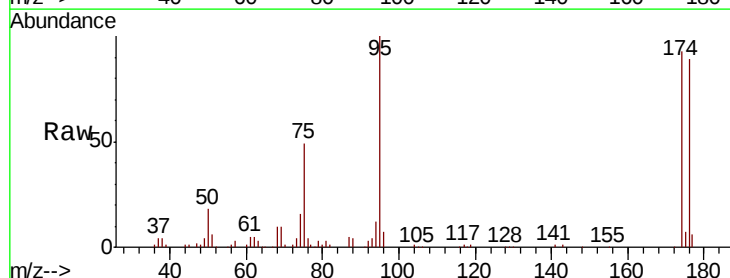
Instrument :
 MSVOA_U
 ClientSampleId :

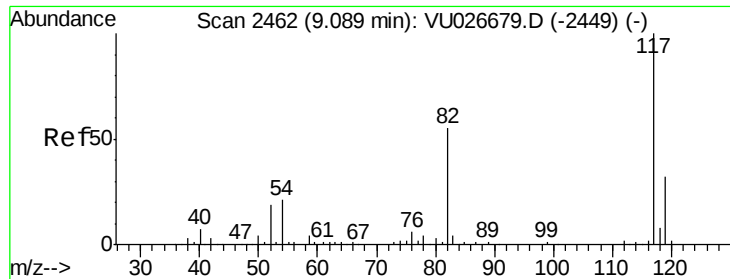
Tgt Ion: 107 Resp: 68673
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.082 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 95 Resp: 76862
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 172.8
 176 90.2 0.0 168.6

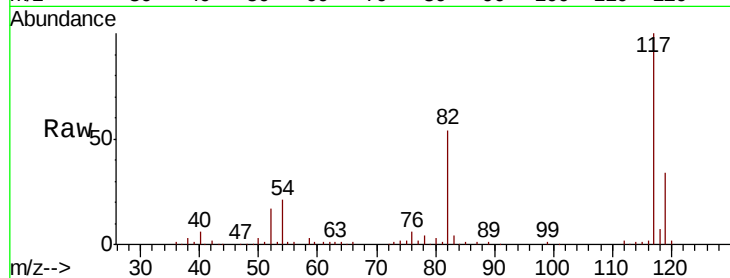




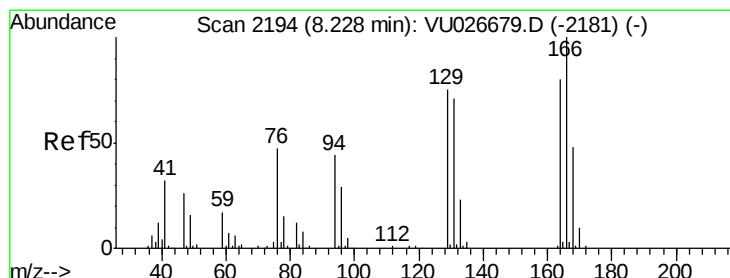
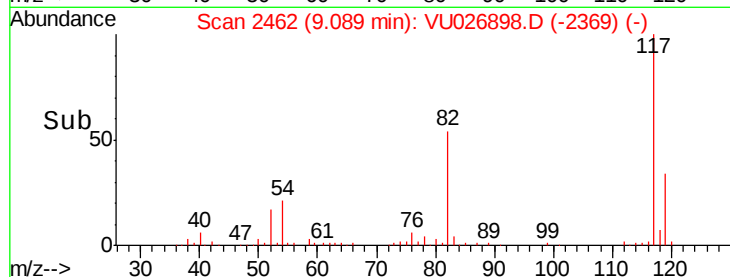
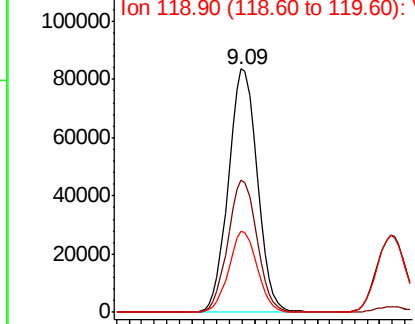
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:117 Resp: 134084
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 33.5 25.7 38.5



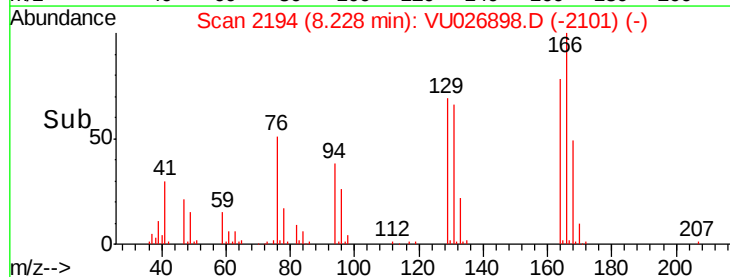
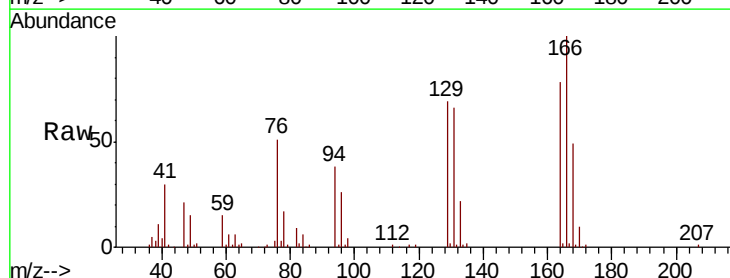
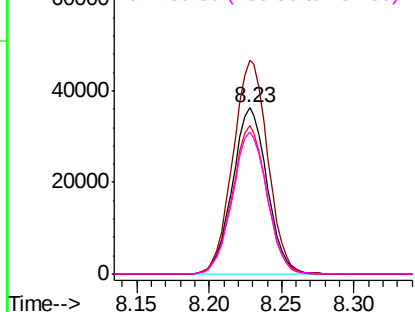
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU026679.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): V

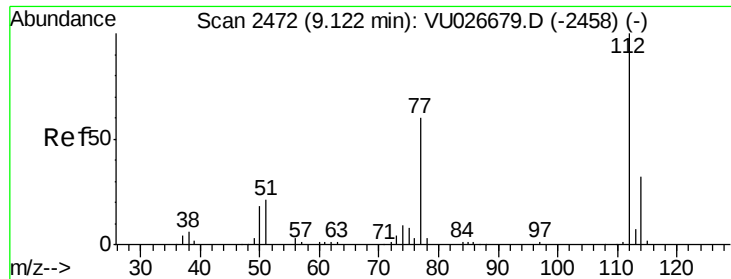


#64
Tetrachloroethene
Concen: 56.127 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion:164 Resp: 59898
Ion Ratio Lower Upper
164 100
166 128.7 100.5 150.7
129 89.2 75.3 112.9
131 85.4 71.4 107.2

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

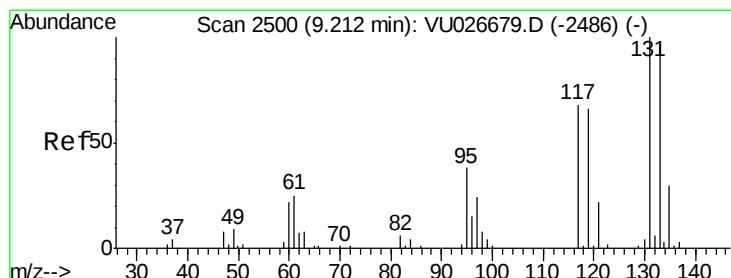
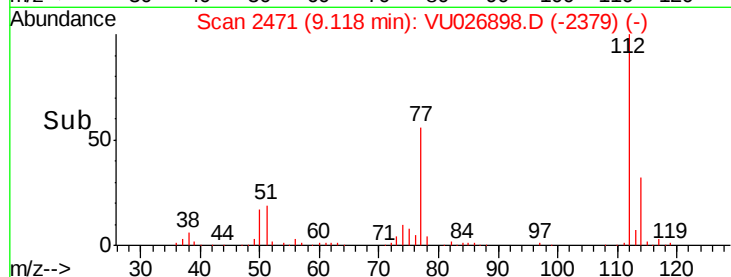
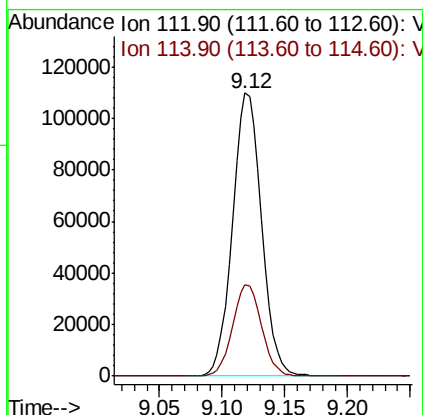
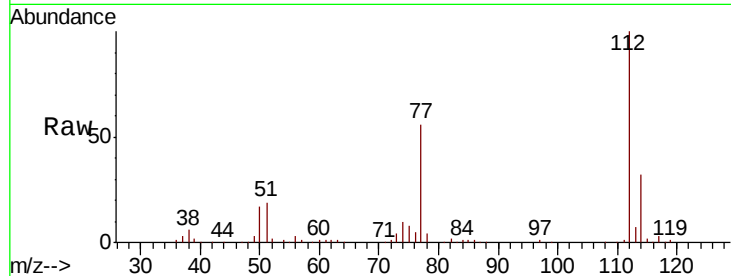




#65
Chlorobenzene
Concen: 52.998 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

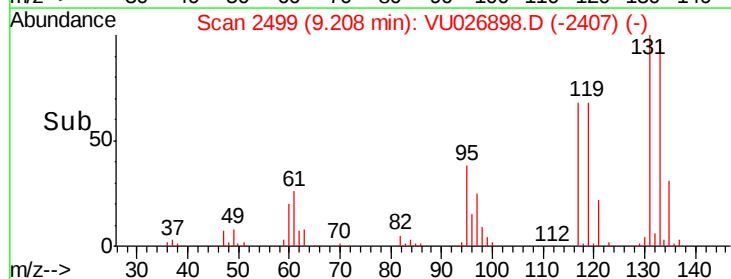
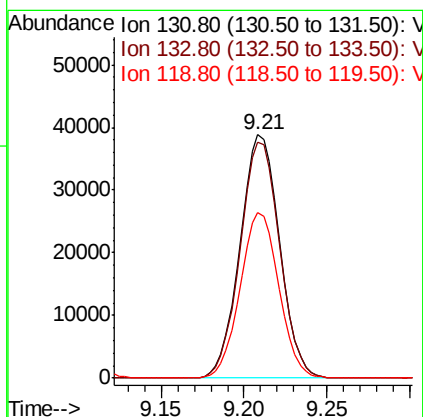
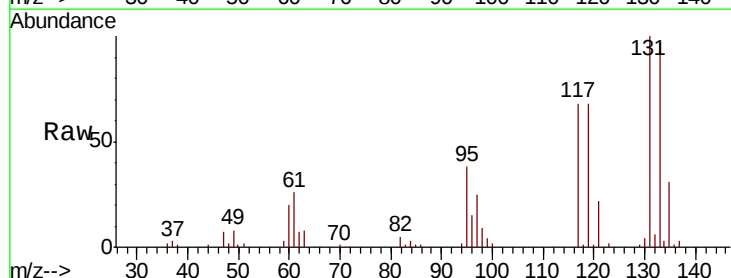
Instrument :
MSVOA_U
ClientSampleId :

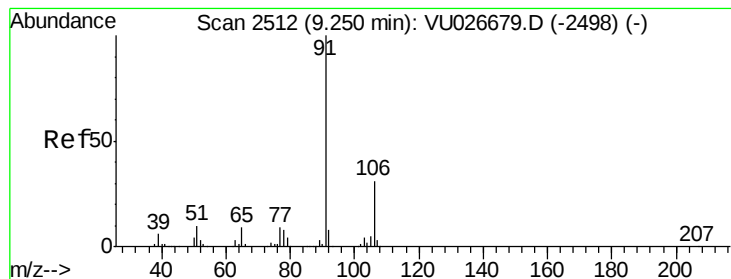
Tgt Ion:112 Resp: 176550
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.652 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion:131 Resp: 64535
Ion Ratio Lower Upper
131 100
133 97.1 48.9 146.6
119 66.7 32.7 98.1





#67

Ethyl Benzene

Concen: 54.409 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

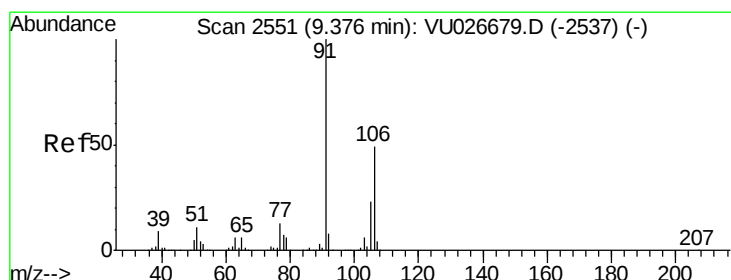
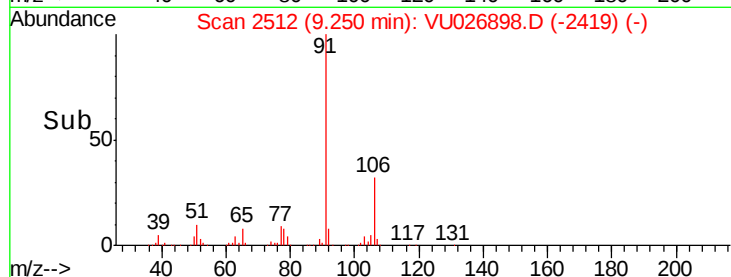
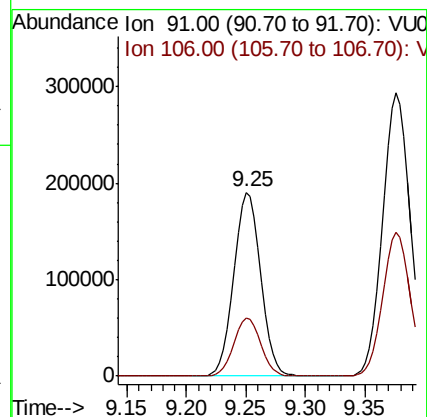
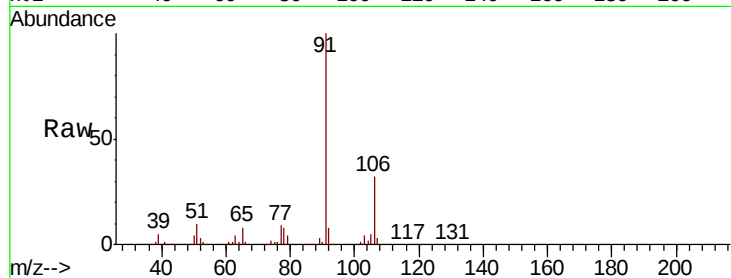
ClientSampleId :

Tgt Ion: 91 Resp: 298573

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 114.946 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU026898.D

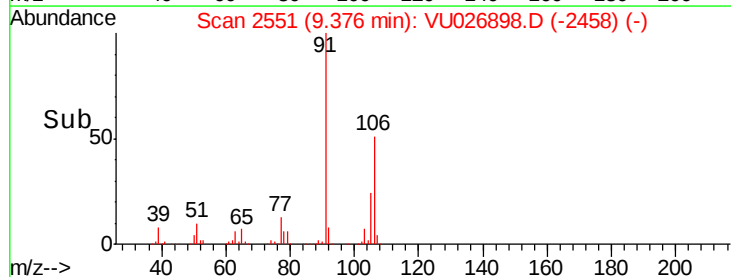
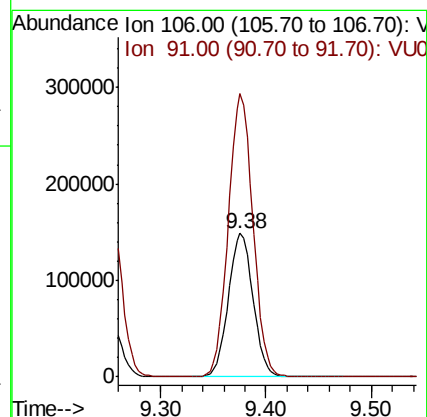
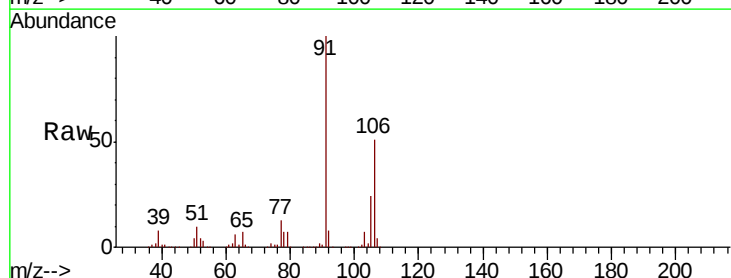
Acq: 19 Sep 2018 15:34

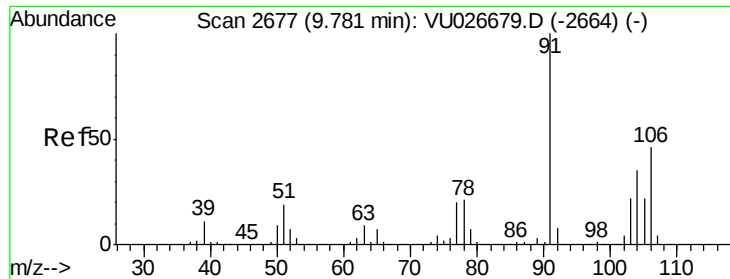
Tgt Ion: 106 Resp: 239947

Ion Ratio Lower Upper

106 100

91 197.1 162.1 243.1

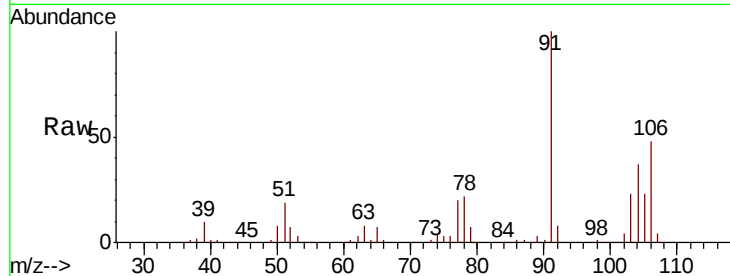




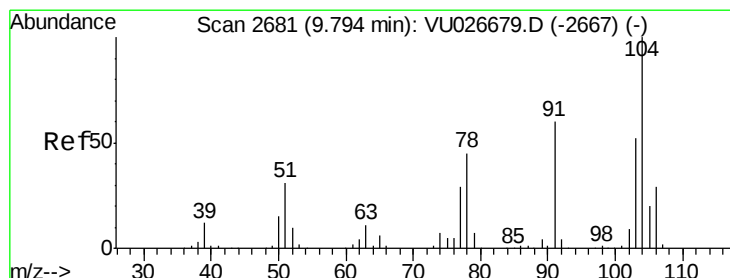
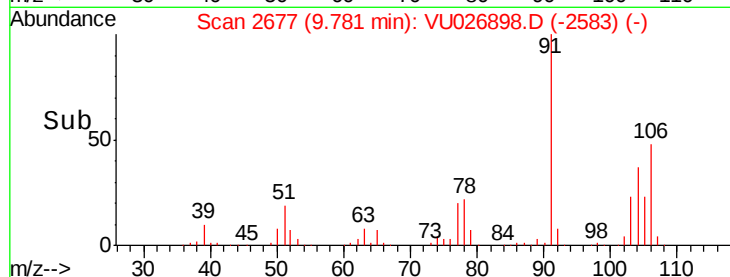
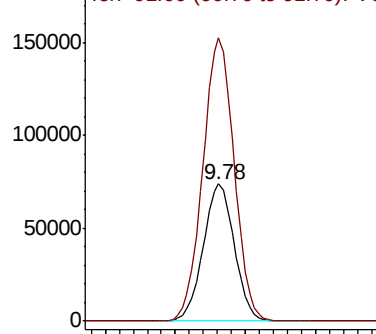
#69
o-Xylene
Concen: 51.091 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 114010
Ion Ratio Lower Upper
106 100
91 208.5 106.9 320.8

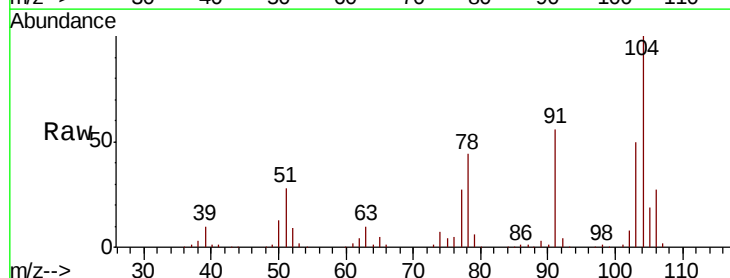


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

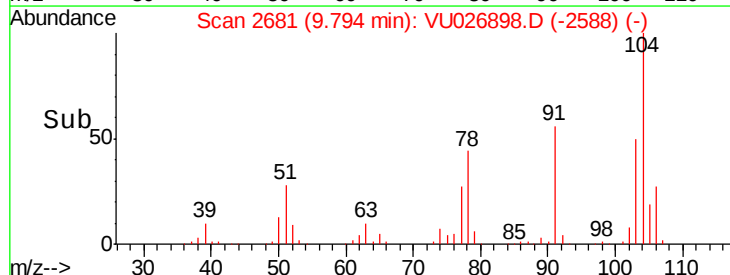
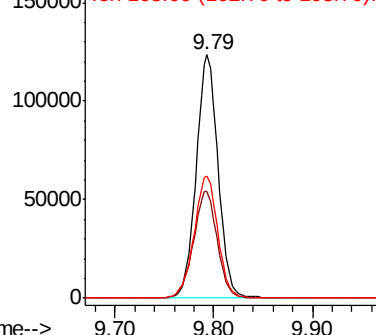


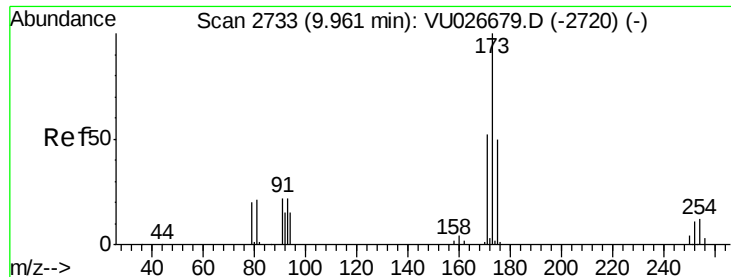
#70
Styrene
Concen: 51.188 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion:104 Resp: 192494
Ion Ratio Lower Upper
104 100
78 47.7 39.4 59.2
103 54.3 44.5 66.7



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: 52.572 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

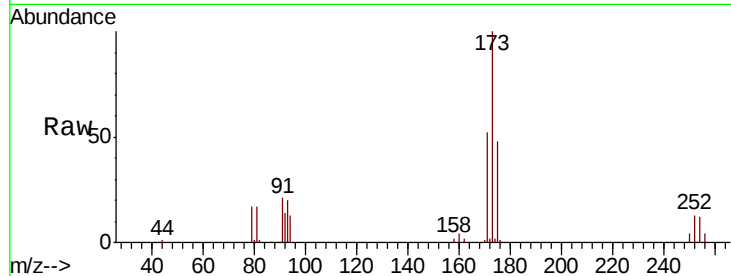
Tgt Ion:173 Resp: 56042

Ion Ratio Lower Upper

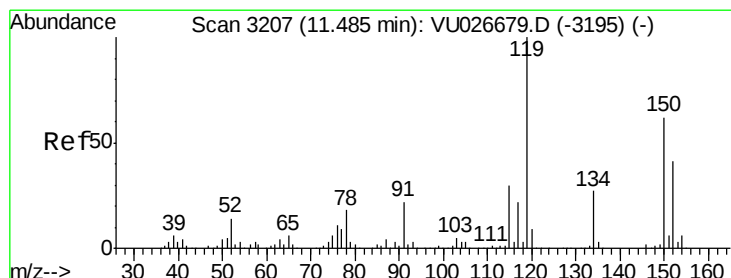
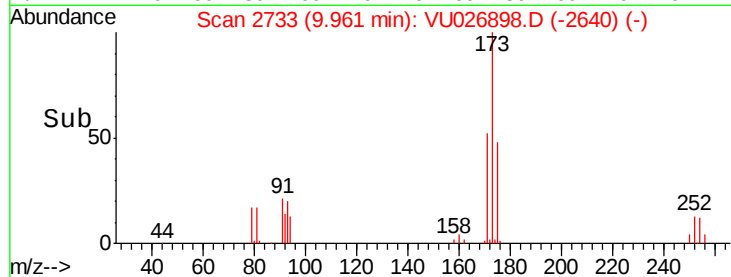
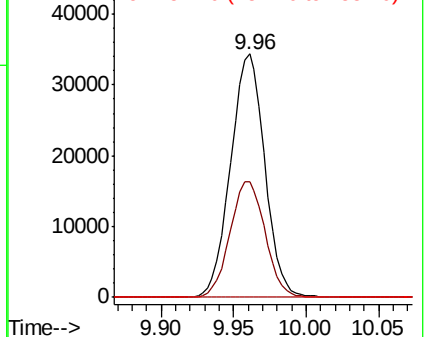
173 100

175 48.8 24.7 74.1

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: VU026898.D

Acq: 19 Sep 2018 15:34

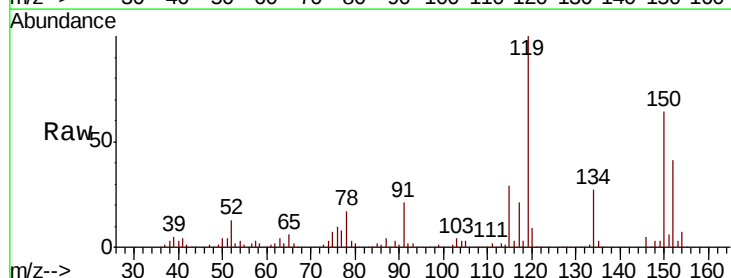
Tgt Ion:152 Resp: 86919

Ion Ratio Lower Upper

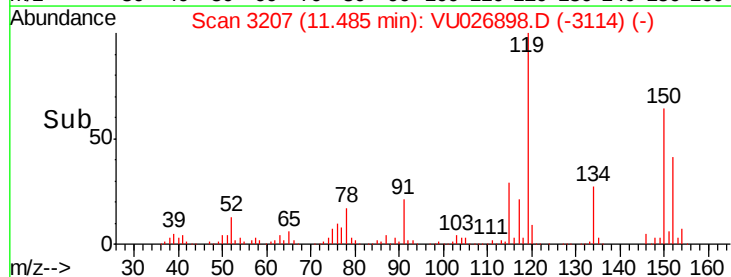
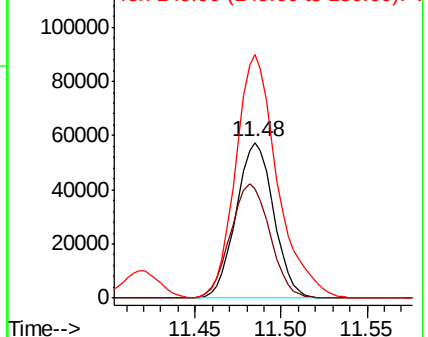
152 100

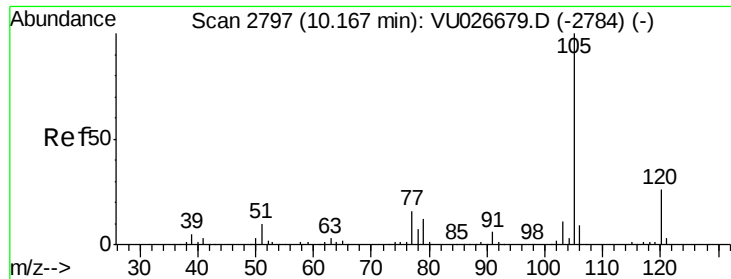
115 77.8 40.4 121.1

150 173.9 0.0 345.2



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: 51.999 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

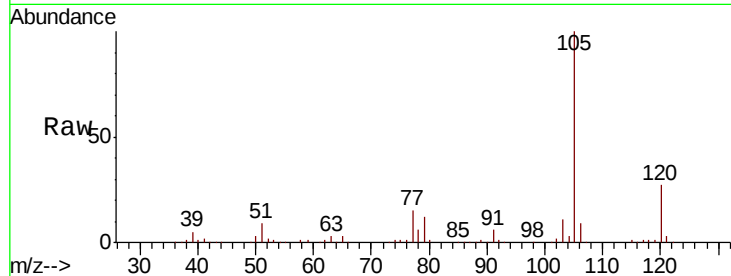
ClientSampleId :

Tgt Ion: 105 Resp: 307991

Ion Ratio Lower Upper

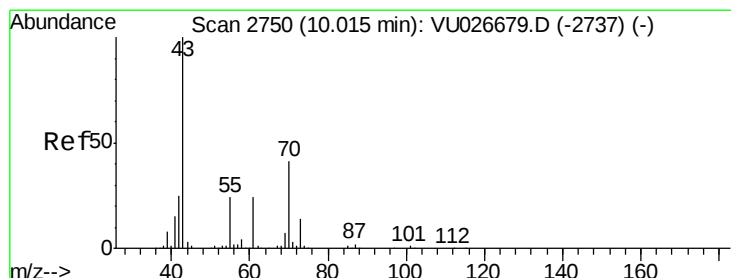
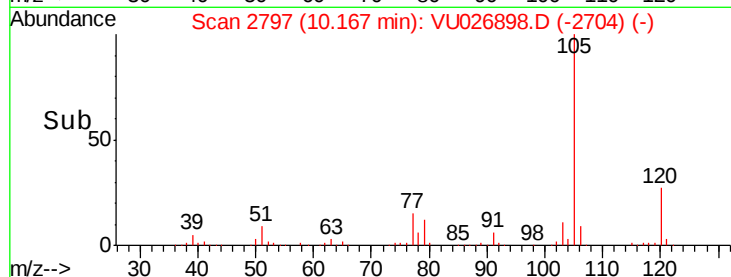
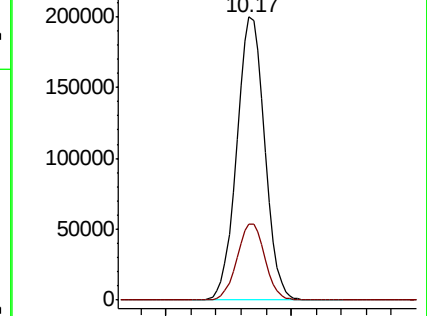
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.263 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Tgt Ion: 43 Resp: 126569

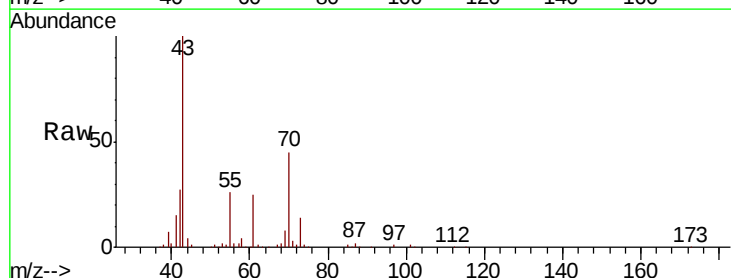
Ion Ratio Lower Upper

43 100

70 45.1 32.6 48.8

55 26.5 19.1 28.7

61 25.4 19.4 29.0

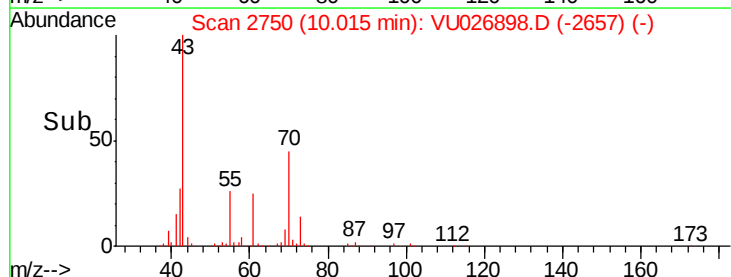
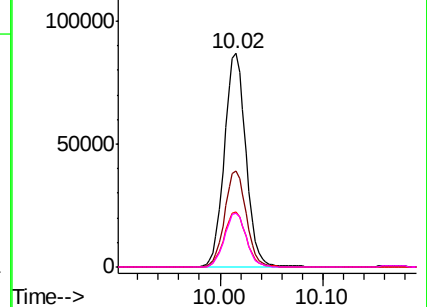


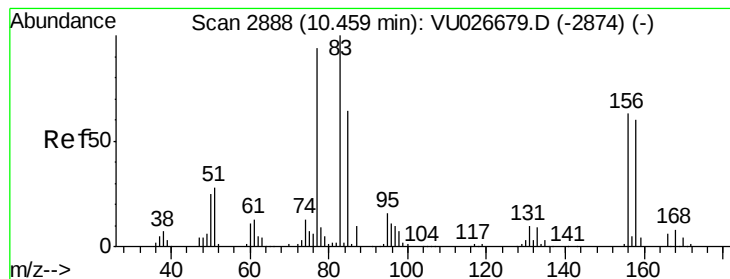
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.831 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026898.D

Acq: 19 Sep 2018 15:34

Instrument :

MSVOA_U

ClientSampled :

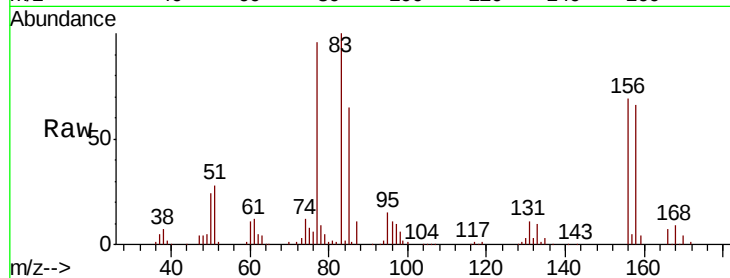
Tgt Ion: 83 Resp: 105803

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.6

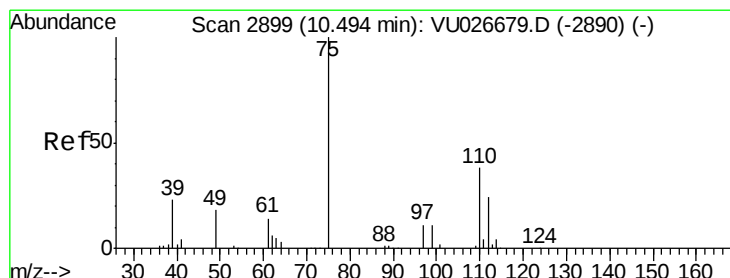
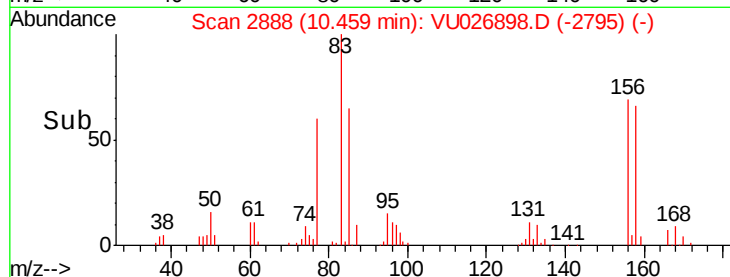
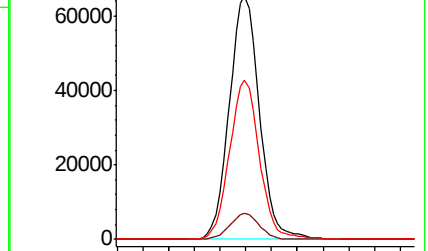
85 65.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VU026679.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU026679.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU026679.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 60.815 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026898.D

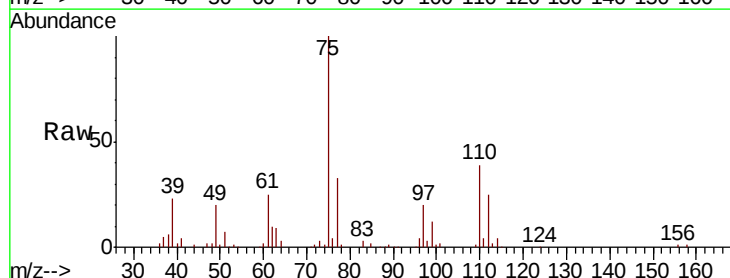
Acq: 19 Sep 2018 15:34

Tgt Ion: 75 Resp: 118408

Ion Ratio Lower Upper

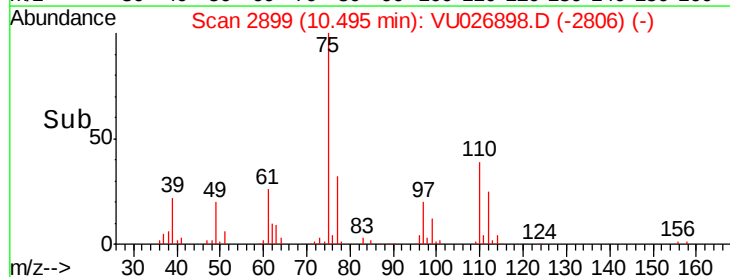
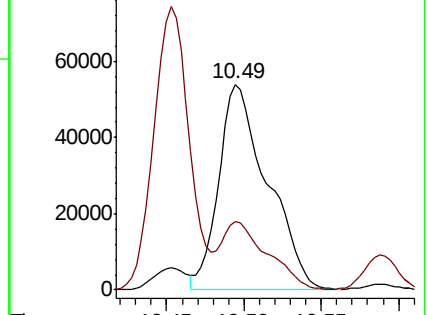
75 100

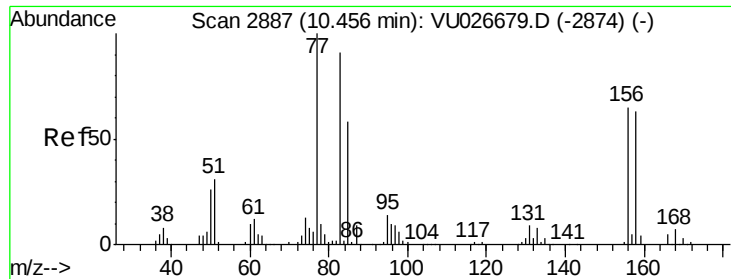
77 30.5 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VU026679.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU026679.D (-2890) (-)

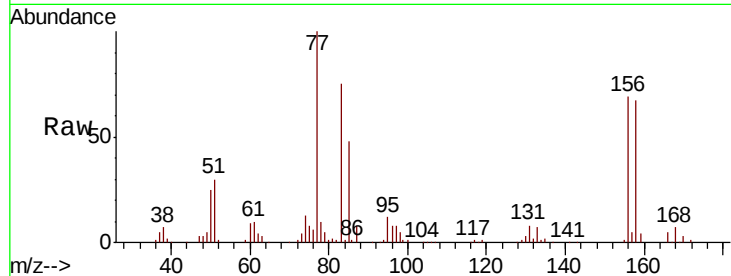




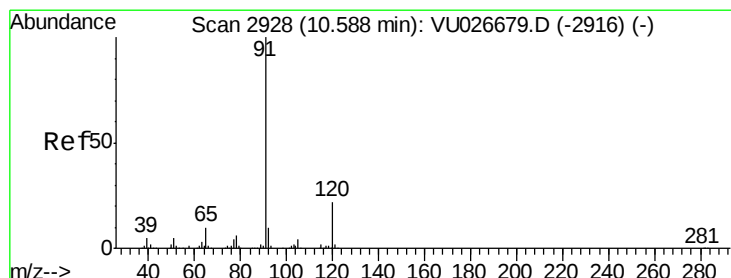
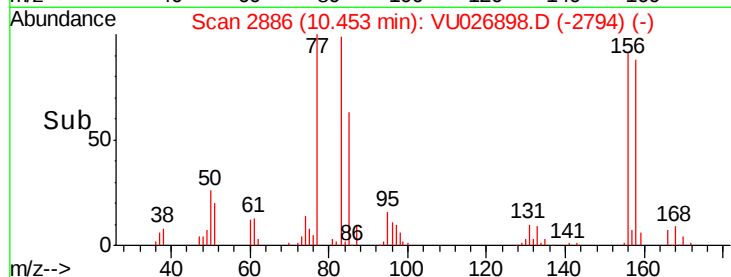
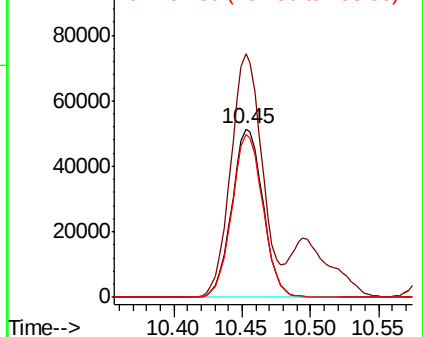
#77
Bromobenzene
Concen: 50.631 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:156 Resp: 81504
Ion Ratio Lower Upper
156 100
77 145.4 77.6 232.9
158 96.7 48.9 146.6

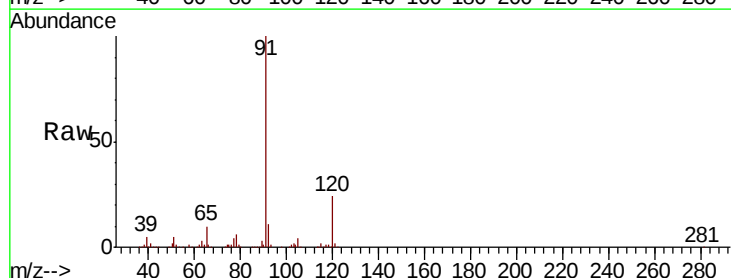


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 157.80 (157.50 to 158.50): V

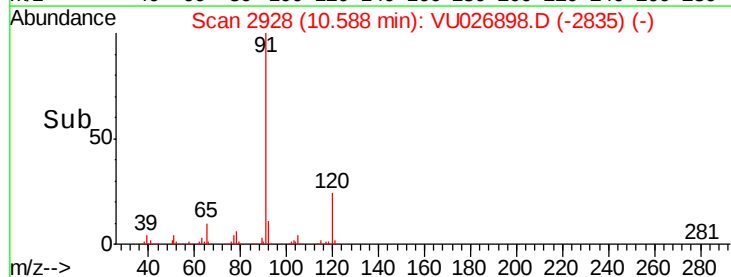
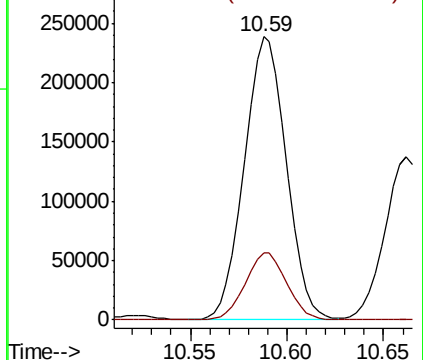


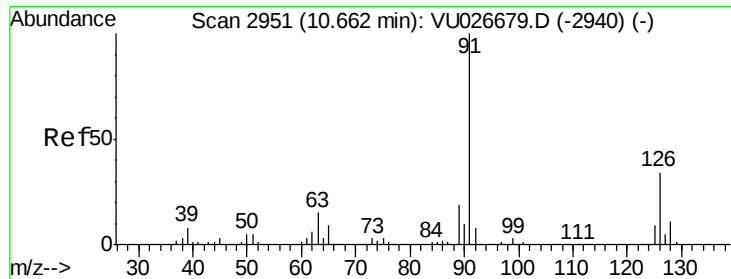
#78
n-propylbenzene
Concen: 52.335 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 91 Resp: 360534
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 120.00 (119.70 to 120.70): V

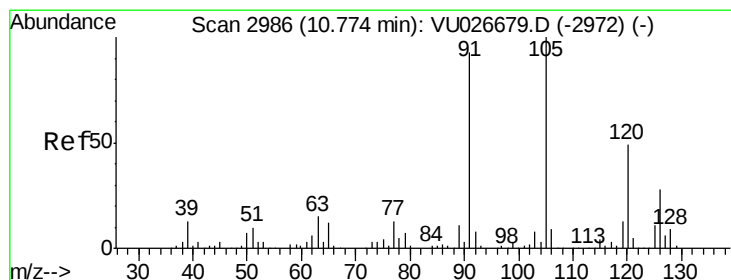
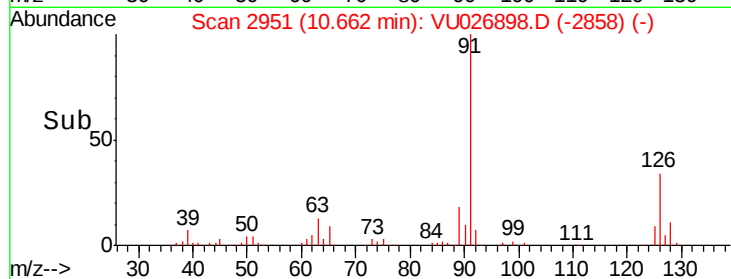
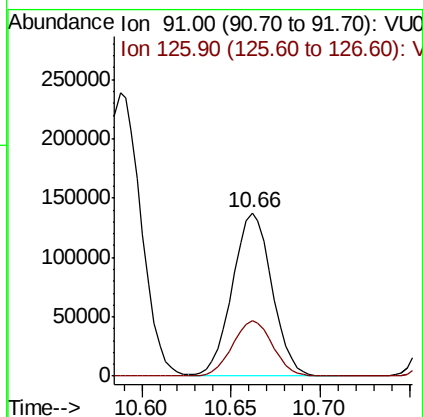
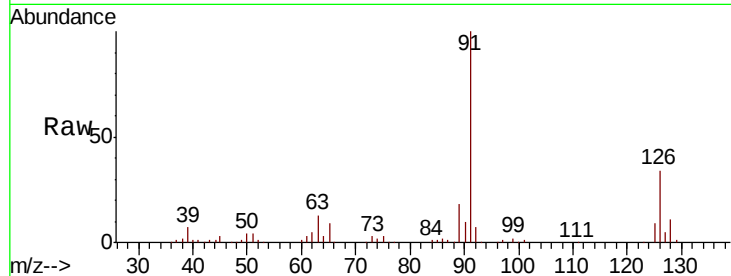




#79
 2-Chlorotoluene
 Concen: 49.721 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

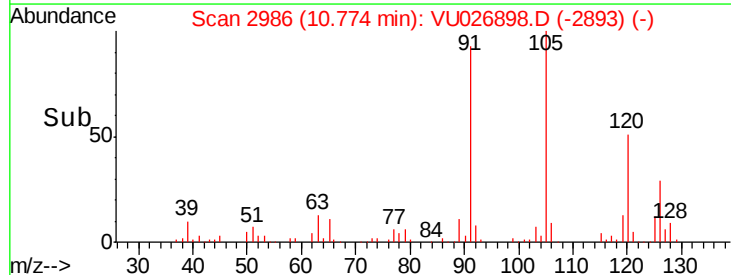
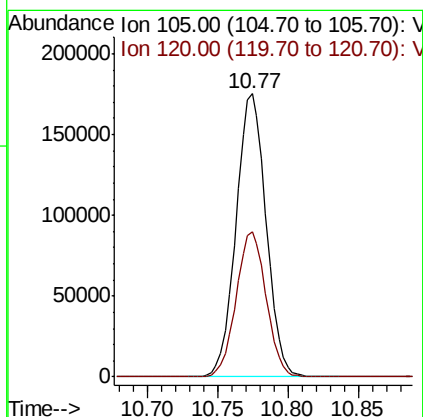
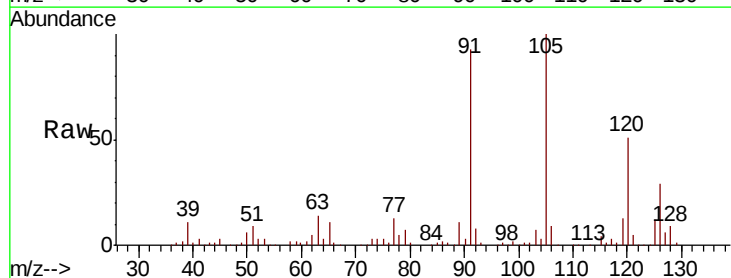
Instrument :
 MSVOA_U
 ClientSampleId :

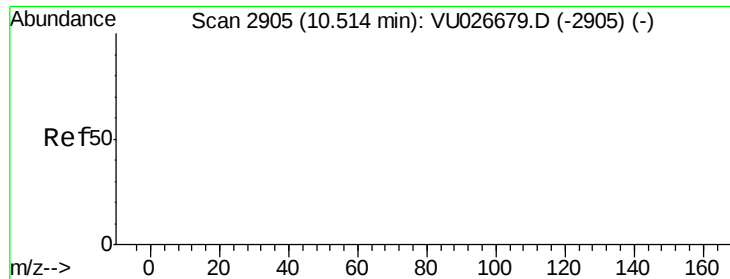
Tgt Ion: 91 Resp: 212329
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.666 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 105 Resp: 262205
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.6 74.0

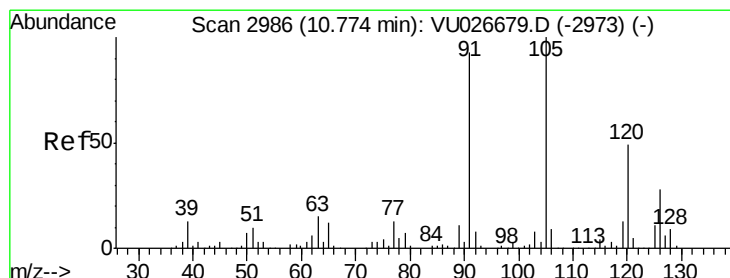
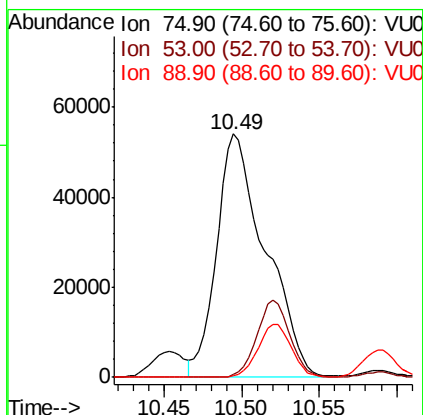
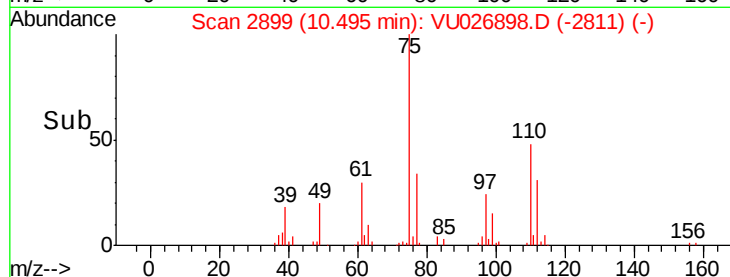
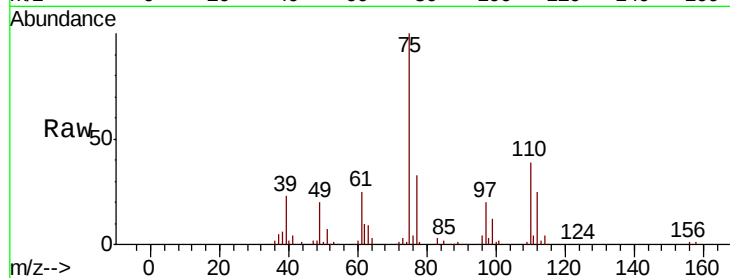




#81
trans-1,4-Dichloro-2-butene
Concen: 136.445 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

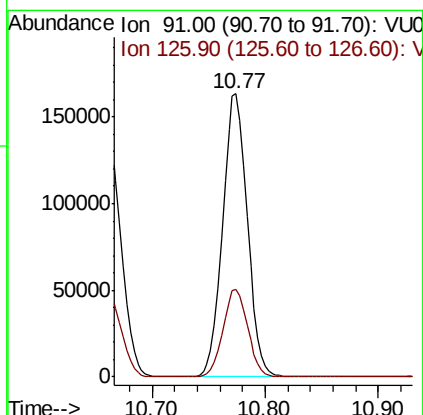
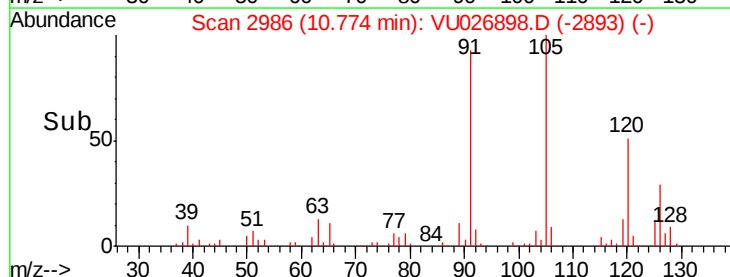
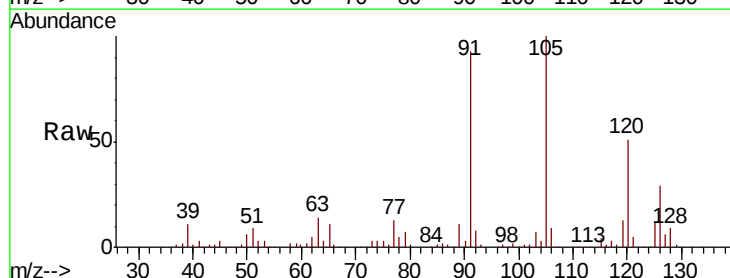
Instrument :
MSVOA_U
ClientSampleId :

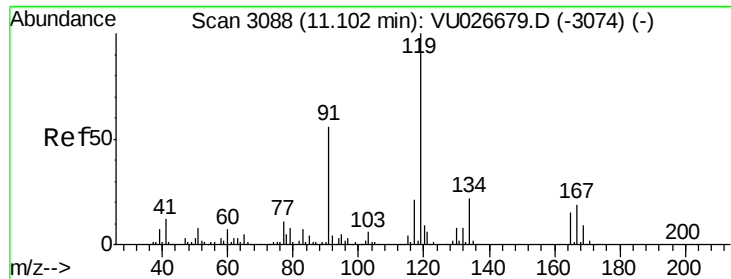
Tgt Ion: 75 Resp: 118408
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 51.642 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 91 Resp: 247776
Ion Ratio Lower Upper
91 100
126 31.2 15.2 45.5

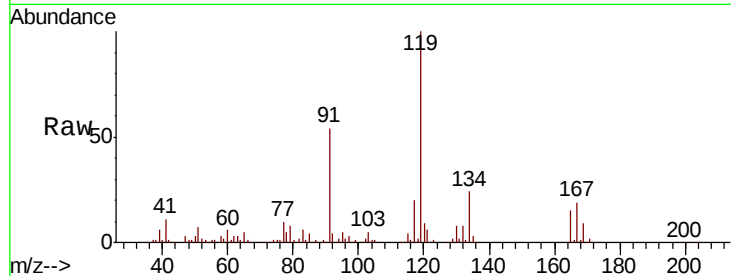




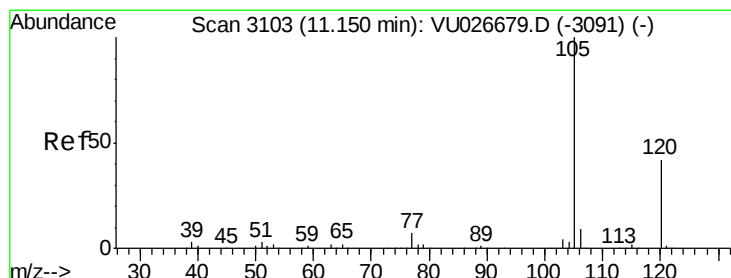
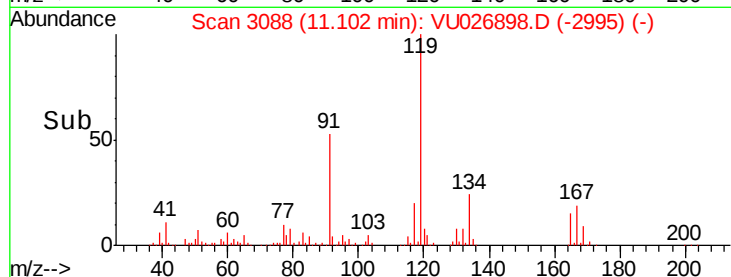
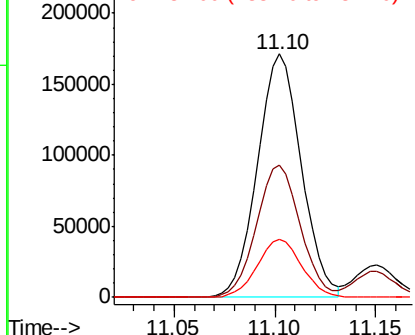
#83
 tert-Butylbenzene
 Concen: 51.452 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:119 Resp: 259962
 Ion Ratio Lower Upper
 119 100
 91 54.4 28.3 85.0
 134 24.0 11.2 33.5

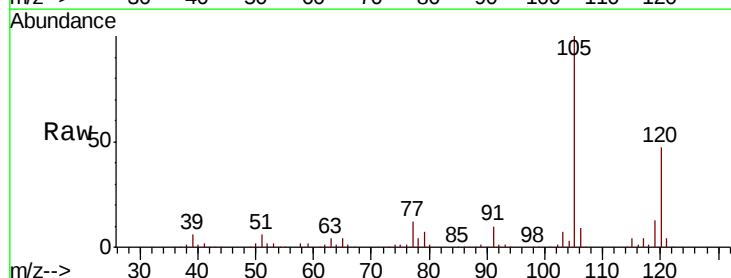


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

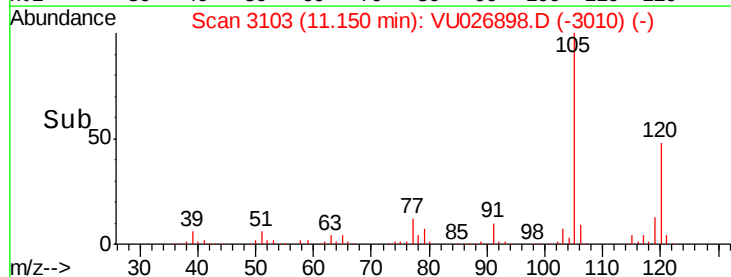
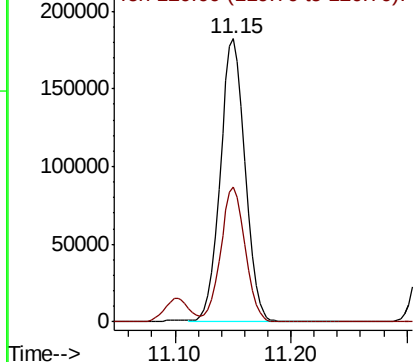


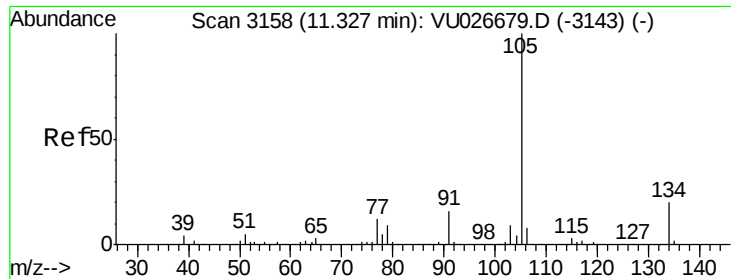
#84
 1,2,4-Trimethylbenzene
 Concen: 54.185 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion:105 Resp: 272087
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.8



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

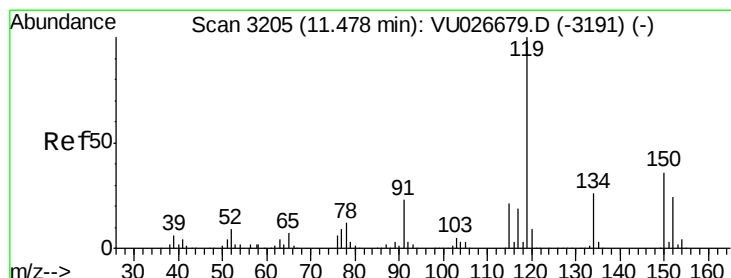
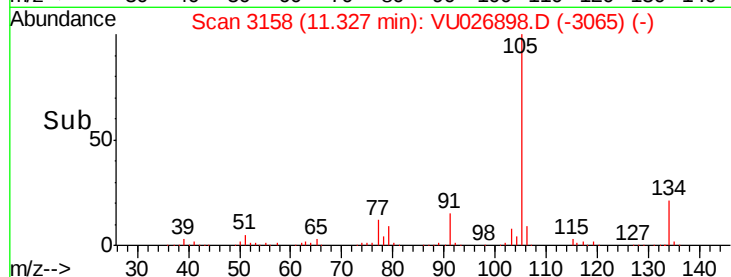
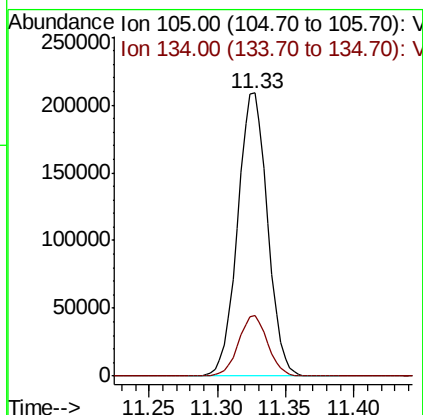
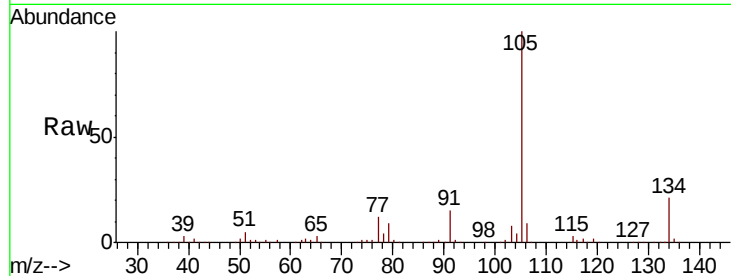




#85
 sec-Butylbenzene
 Concen: 52.921 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

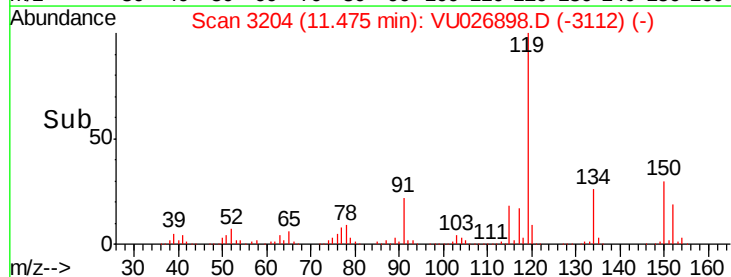
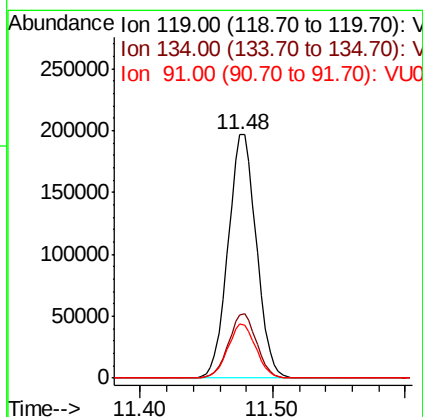
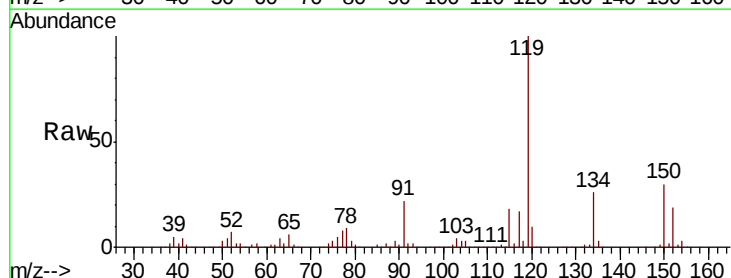
Instrument :
 MSVOA_U
 ClientSampleId :

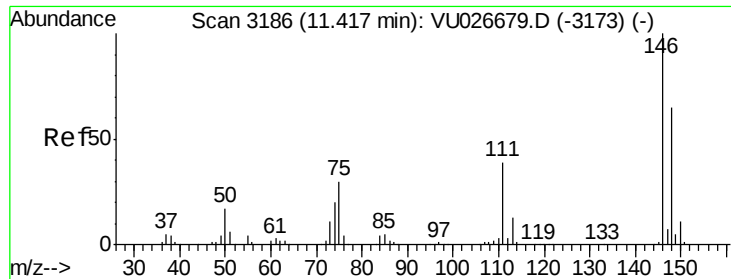
Tgt Ion:105 Resp: 317531
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.457 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion:119 Resp: 291095
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 22.0 11.6 34.8

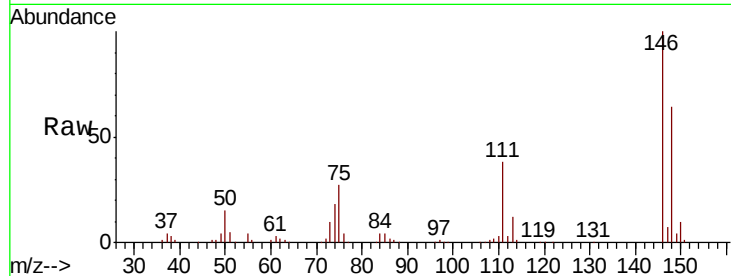




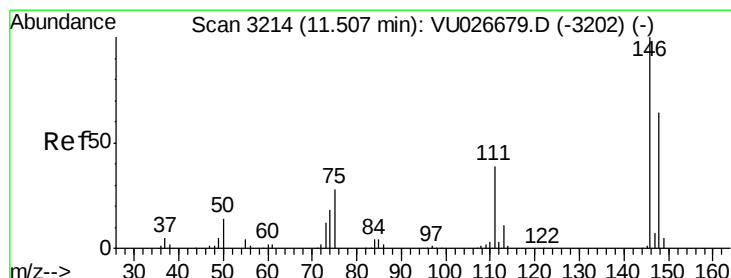
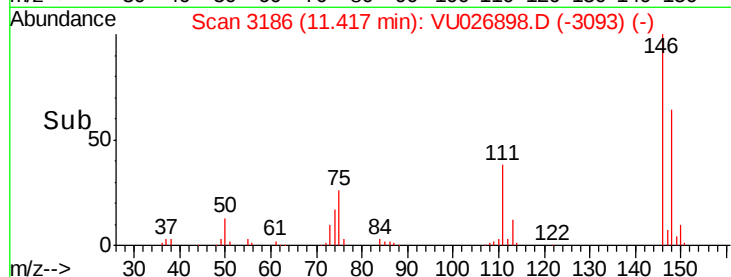
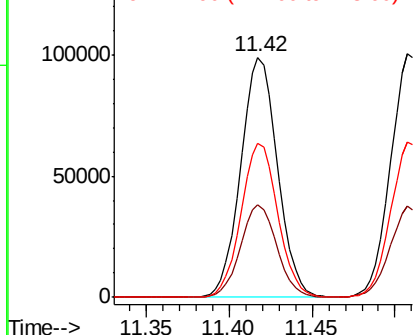
#87
 1,3-Dichlorobenzene
 Concen: 50.773 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:146 Resp: 152480
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.7 59.1
 148 64.0 32.1 96.3

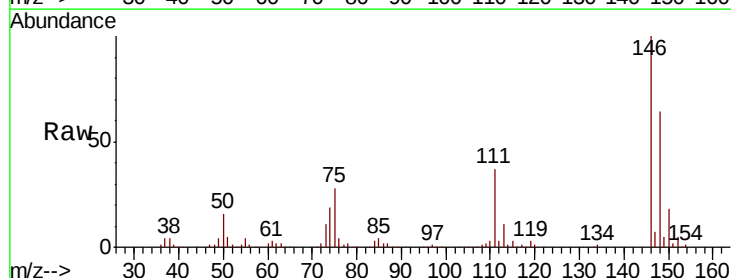


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

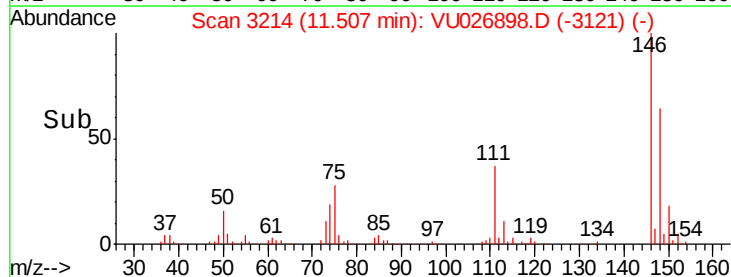
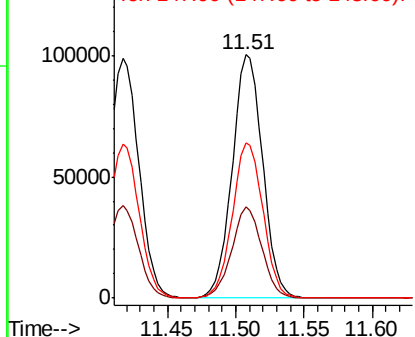


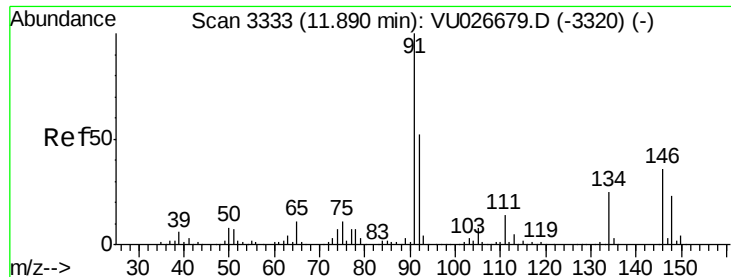
#88
 1,4-Dichlorobenzene
 Concen: 49.917 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion:146 Resp: 155684
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.2 57.6
 148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

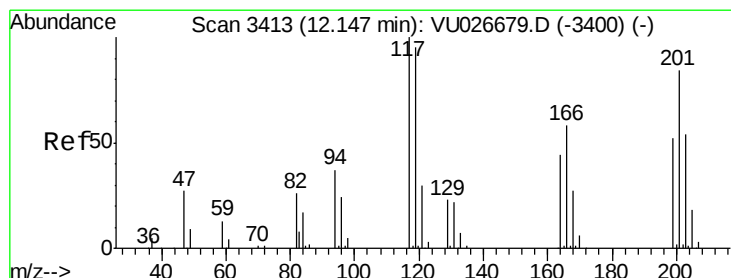
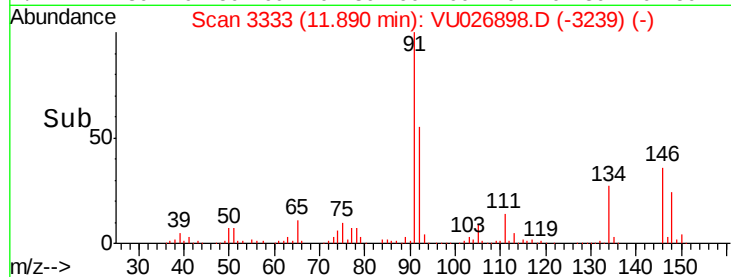
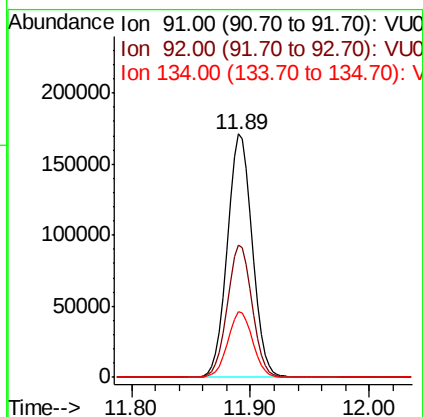
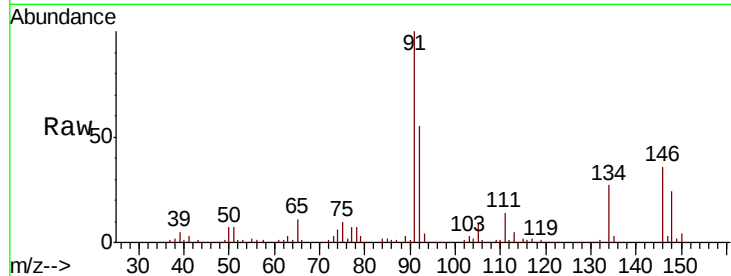




#89
n-Butylbenzene
Concen: 47.083 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

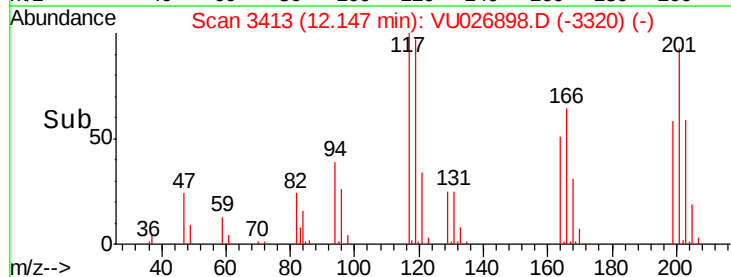
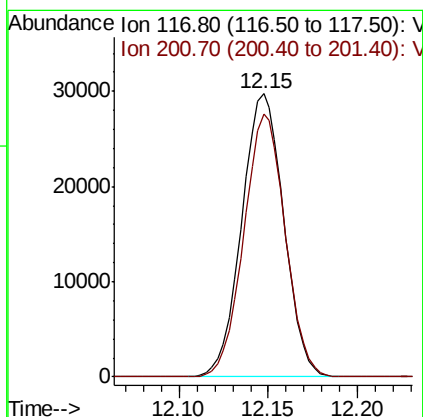
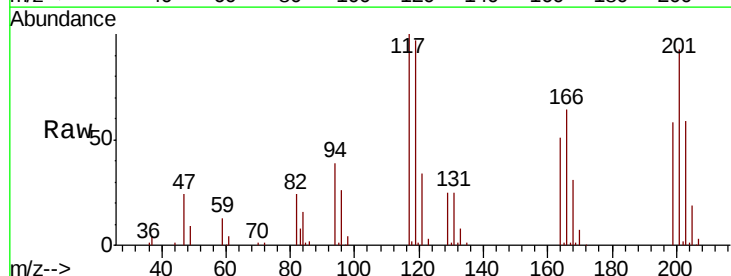
Instrument :
MSVOA_U
ClientSampleId :

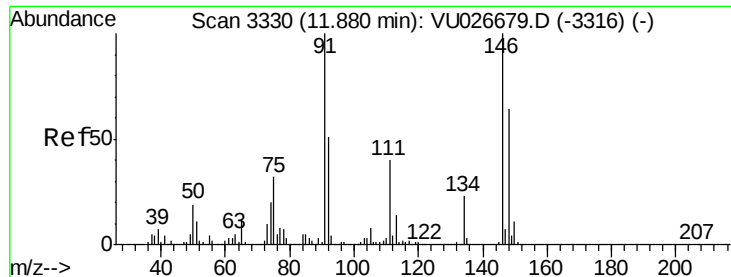
Tgt Ion: 91 Resp: 248494
Ion Ratio Lower Upper
91 100
92 54.1 25.8 77.3
134 26.9 12.6 37.8



#90
Hexachloroethane
Concen: 46.277 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 117 Resp: 48996
Ion Ratio Lower Upper
117 100
201 91.2 42.4 127.1

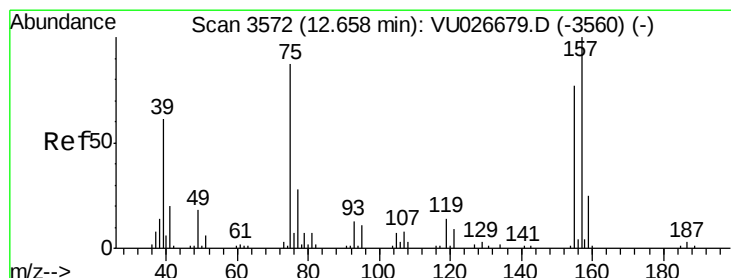
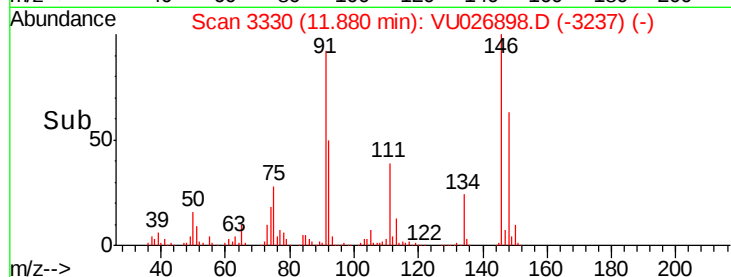
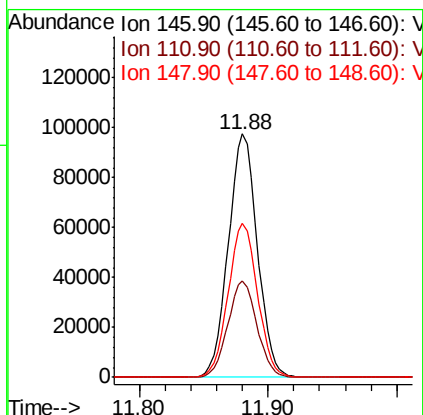
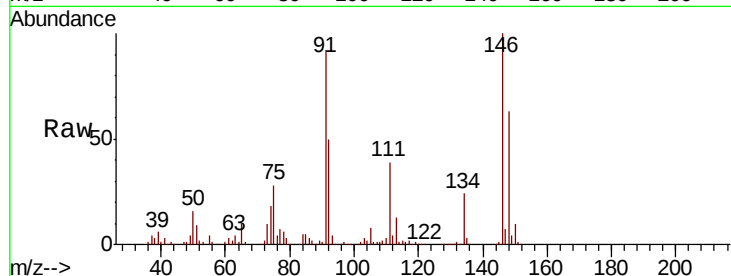




#91
 1,2-Dichlorobenzene
 Concen: 50.364 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

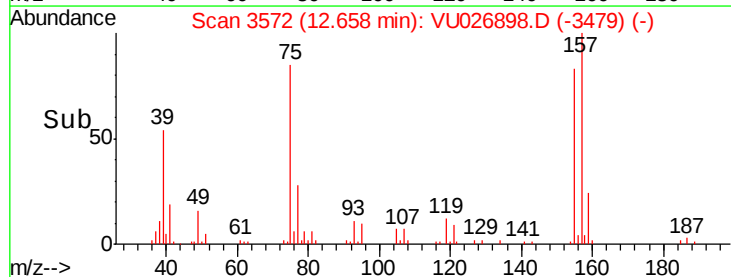
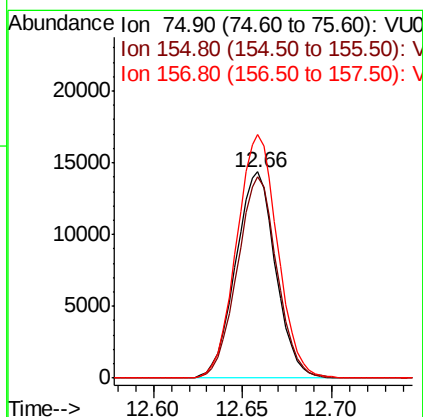
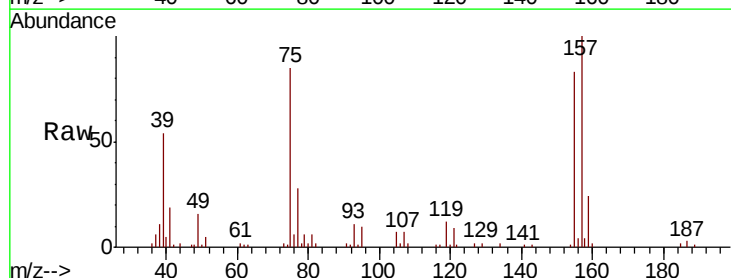
Instrument :
 MSVOA_U
 ClientSampleId :

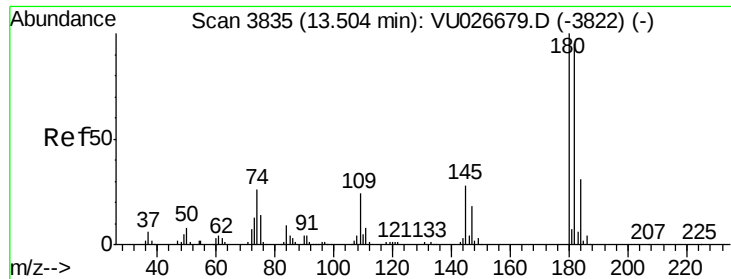
Tgt Ion: 146 Resp: 152148
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.8
 148 64.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.471 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion: 75 Resp: 22490
 Ion Ratio Lower Upper
 75 100
 155 96.9 44.1 132.4
 157 120.8 57.2 171.6

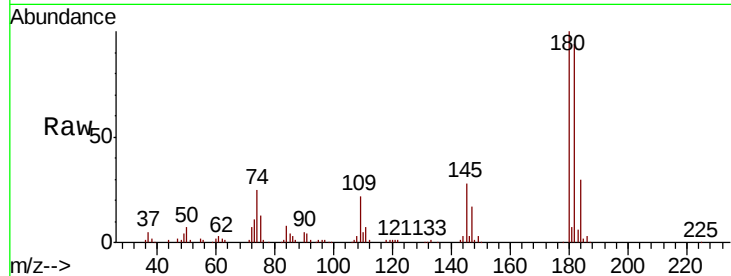




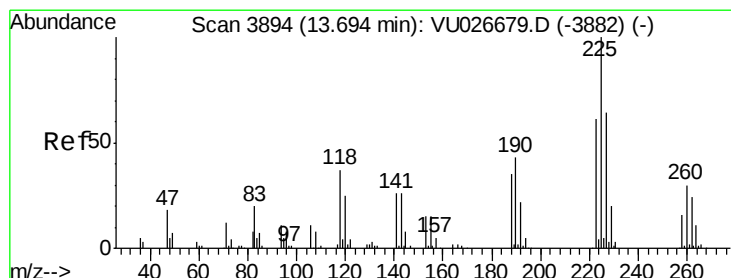
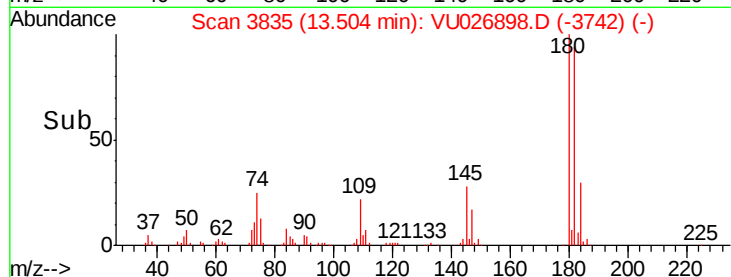
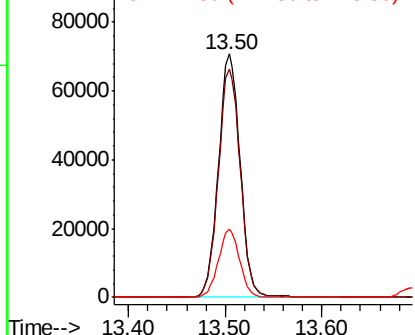
#93
 1,2,4-Trichlorobenzene
 Concen: 54.874 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion:180 Resp: 110086
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.7
 145 27.3 14.0 42.0

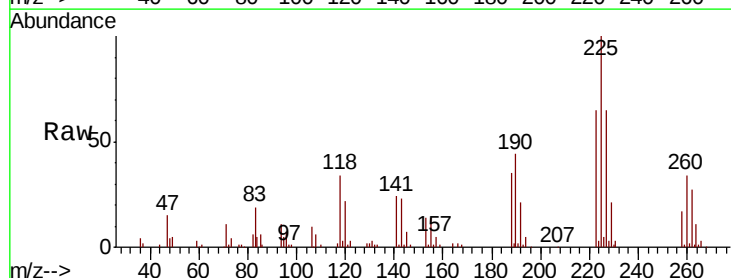


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

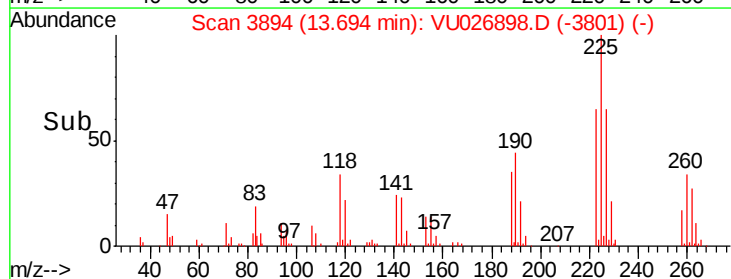
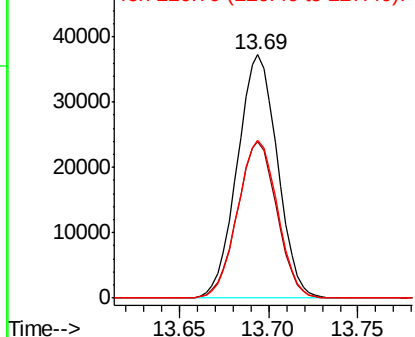


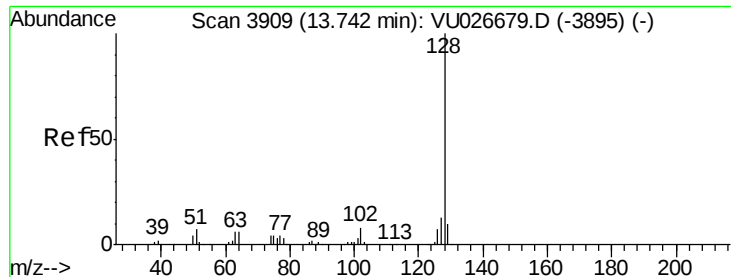
#94
 Hexachlorobutadiene
 Concen: 56.548 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026898.D
 Acq: 19 Sep 2018 15:34

Tgt Ion:225 Resp: 58360
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.6 92.0
 227 64.6 32.1 96.3



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

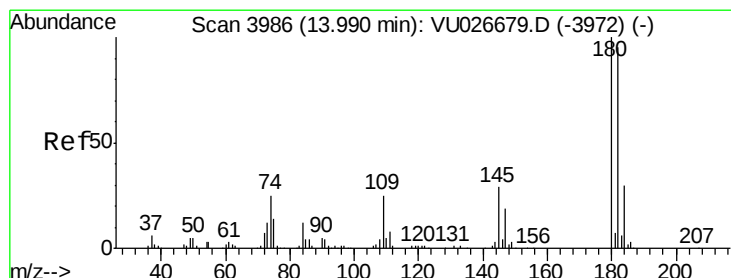
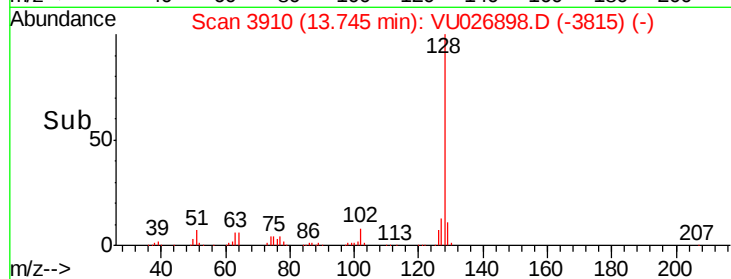
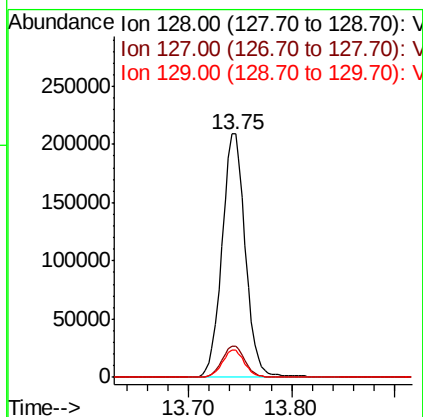
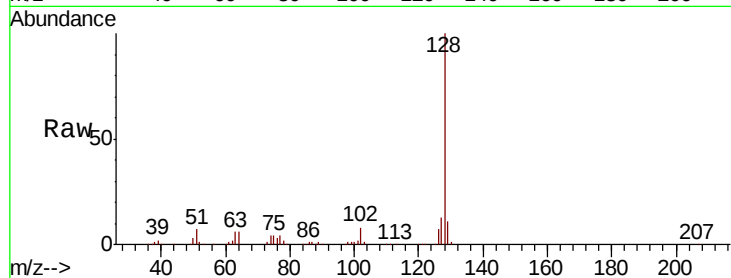




#95
Naphthalene
Concen: 48.801 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 329182
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.338 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026898.D
Acq: 19 Sep 2018 15:34

Tgt Ion:180 Resp: 113848
Ion Ratio Lower Upper
180 100
182 96.9 47.9 143.7
145 29.6 14.9 44.9

