

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
 Data File : VU027768.D
 Acq On : 23 Oct 2018 17:45
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 05:16:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	11522	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	4774	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4243	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	48686	10.641	ug/l 97
3) Chloromethane	1.33	50	49622	10.145	ug/l 98
4) Vinyl Chloride	1.40	62	46021	10.078	ug/l 98
5) Bromomethane	1.63	94	24553	10.221	ug/l 98
6) Chloroethane	1.70	64	25682	10.372	ug/l 99
7) Trichlorofluoromethane	1.89	101	59900	10.763	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	31201	10.660	ug/l 98
9) 1,1-Dichloroethene	2.29	96	27166	10.571	ug/l 96
10) Iodomethane	2.41	142	39836	11.534	ug/l 100
11) Allyl Chloride	2.59	41	63921	10.507	ug/l 99
12) Acrylonitrile	2.95	53	14772	18.859	ug/l 98
13) Acetone	2.34	43	34926	48.859	ug/l 97
14) Carbon Disulfide	2.48	76	96345	10.071	ug/l 100
15) Methylene Chloride	2.70	84	30990	9.569	ug/l 98
16) trans-1,2-Dichloroethene	2.98	96	30682	10.725	ug/l 97
17) 1,1-Dichloroethane	3.45	63	64473	10.213	ug/l 99
18) 2-Butanone	4.29	43	58237	49.069	ug/l 99
19) Cyclohexane	4.99	56	57301	10.125	ug/l 100
20) Methylcyclohexane	6.41	83	61115	10.650	ug/l 100
21) 2,2-Dichloropropane	4.23	77	59154	10.613	ug/l 100
22) cis-1,2-Dichloroethene	4.23	96	35411	10.339	ug/l 98
23) Diethyl Ether	2.11	59	25038	10.246	ug/l 99
24) tert-Butyl Alcohol	2.86	59	28613	109.768	ug/l # 85
25) Methyl tert-Butyl Ether	3.01	73	85413	10.438	ug/l 98
26) Bromochloromethane	4.55	128	14276	10.391	ug/l 100
27) Chloroform	4.68	83	65129	10.596	ug/l 99
28) 1,1,1-Trichloroethane	4.92	97	58430	10.678	ug/l 99
29) 1,1-Dichloropropene	5.14	75	50653	10.600	ug/l 99
30) Carbon Tetrachloride	5.13	117	51821	10.600	ug/l 98
31) Isopropyl Ether	3.58	45	117847	10.364	ug/l 98
32) Ethyl-t-butyl ether	4.08	59	104745	10.383	ug/l 100
33) Tert-Amyl methyl ether	5.59	73	89249	10.423	ug/l 99
34) Propionitrile	4.35	54	15442	54.569	ug/l 98
35) Benzene	5.39	78	139643	10.457	ug/l 99
36) 1,2-Dichloroethane	5.41	62	46771	10.524	ug/l 99
37) Trichloroethene	6.19	130	34212	10.385	ug/l 98
38) 1,2-Dichloropropane	6.44	63	39401	10.507	ug/l 99
39) Methacrylonitrile	4.56	41	16248	10.397	ug/l 98
40) Methyl acrylate	4.43	55	21210	10.419	ug/l 99
41) Tetrahydrofuran	4.66	42	16593	19.216	ug/l 99
42) 1-Chlorobutane	5.07	56	77864	10.328	ug/l 97

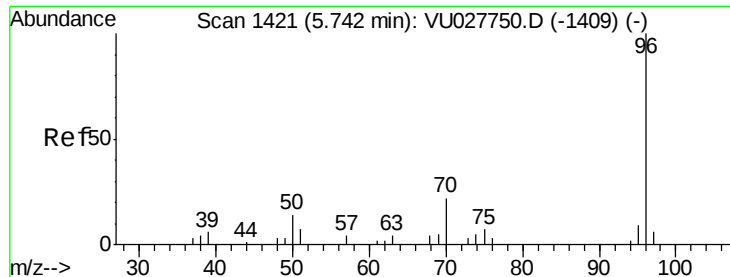
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102318\
 Data File : VU027768.D
 Acq On : 23 Oct 2018 17:45
 Operator : MD/SY
 Sample : VSTDCCC050EC
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 ALS Vial : 31 Sample Multiplier: 1

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 ClientSampleId :

Quant Time: Oct 24 05:16:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	18701	10.969	ug/l	98
44) Bromodichloromethane	6.76	83	49574	10.711	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	147604	53.336	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	21039	21.087	ug/l	95
47) Methyl methacrylate	6.63	69	38595	21.467	ug/l	98
48) Ethyl methacrylate	8.02	69	40848	10.931	ug/l	99
49) Toluene	7.64	92	85344	10.771	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	50494	10.948	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	57916	10.659	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	25170	10.930	ug/l	98
53) 1,3-Dichloropropane	8.24	76	47127	10.653	ug/l	99
54) 2-Hexanone	8.37	43	107201	54.360	ug/l	98
55) Dibromochloromethane	8.48	129	31478	10.874	ug/l	99
56) 1,2-Dibromoethane	8.59	107	24591	10.877	ug/l	99
58) Tetrachloroethene	8.23	164	32437	10.439	ug/l	99
59) Chlorobenzene	9.12	112	90934	10.708	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	33810	10.953	ug/l	99
61) Pentachloroethane	11.10	117	26094	11.333	ug/l	99
62) Hexachloroethane	12.15	117	28201	11.150	ug/l	99
63) Ethyl Benzene	9.25	91	175532	10.913	ug/l	99
64) m/p-Xylenes	9.38	106	123823	21.574	ug/l	99
65) o-Xylene	9.78	106	60144	10.569	ug/l	97
66) Styrene	9.79	104	103009	10.970	ug/l	100
67) Bromoform	9.96	173	18293	10.919	ug/l	98
69) Isopropylbenzene	10.17	105	167456	10.749	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	32953	10.766	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	21039	8.845	ug/l #	90
72) Bromobenzene	10.45	156	38456	11.078	ug/l	100
73) n-propylbenzene	10.59	120	44163	10.992	ug/l	95
74) 2-Chlorotoluene	10.66	126	37428	10.878	ug/l	96
75) 1,3,5-Trimethylbenzene	10.77	105	142149	10.935	ug/l	99
76) 4-Chlorotoluene	10.77	126	39391	11.298	ug/l	97
77) tert-Butylbenzene	11.10	119	139466	10.908	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	149032	11.159	ug/l	99
79) sec-Butylbenzene	11.32	105	187086	11.049	ug/l	100
80) Nitrobenzene	12.86	77	6084	53.779	ug/l #	98
81) p-Isopropyltoluene	11.48	119	154655	11.175	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	76024	11.068	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	75125	10.916	ug/l	99
84) n-Butylbenzene	11.89	91	157803	11.738	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	71320	10.882	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	6003	10.559	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	54968	11.542	ug/l	99
88) Hexachlorobutadiene	13.69	225	32079	11.230	ug/l	99
89) Naphthalene	13.74	128	99158	11.087	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	50446	11.132	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 11522

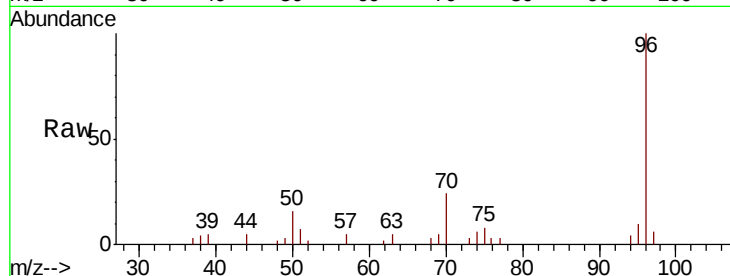
Ion Ratio Lower Upper

96 100

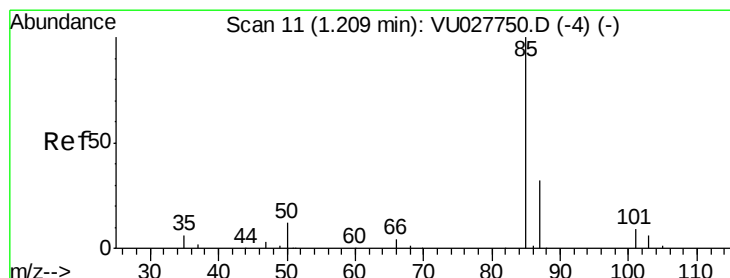
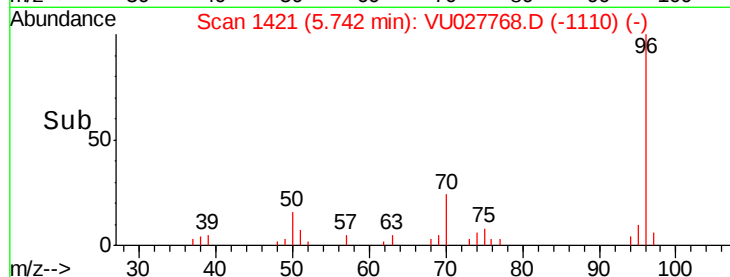
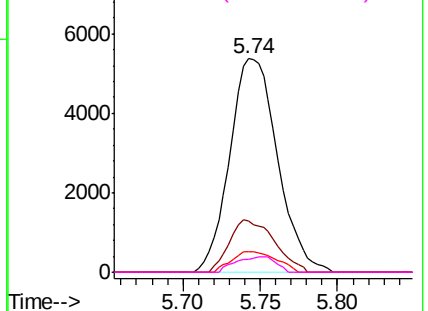
70 23.1 17.7 26.5

95 9.1 7.0 10.6

97 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 10.641 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027768.D

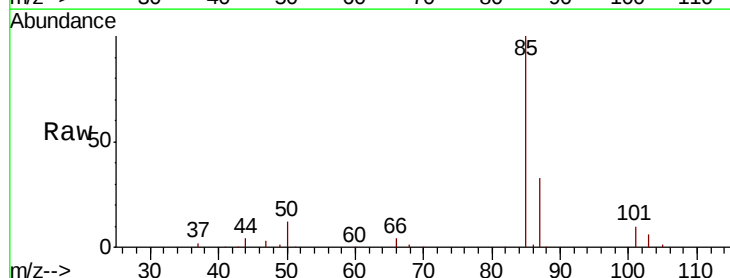
Acq: 23 Oct 2018 17:45

Tgt Ion: 85 Resp: 48686

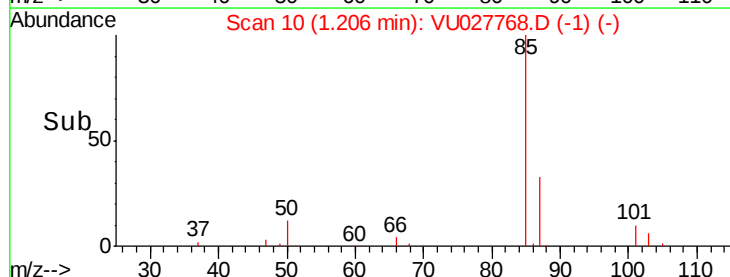
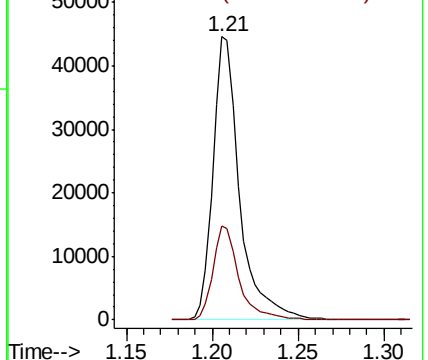
Ion Ratio Lower Upper

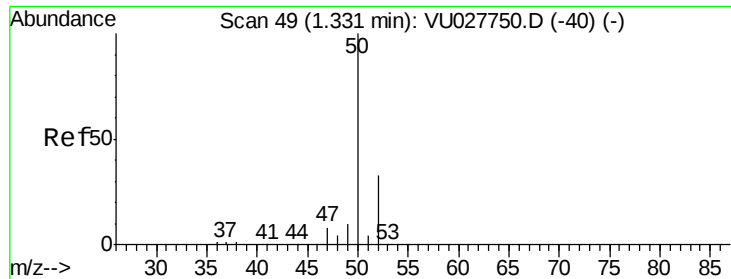
85 100

87 33.2 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 10.145 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

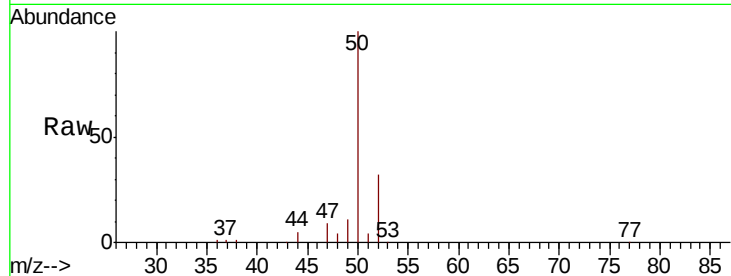
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 49622

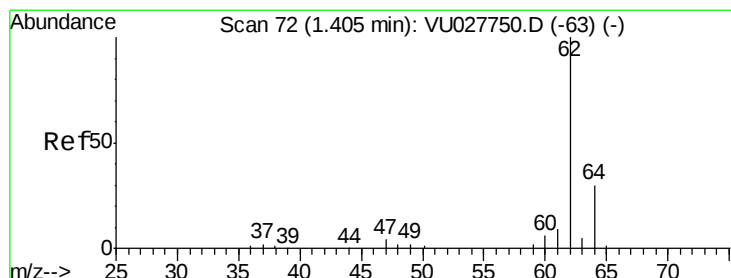
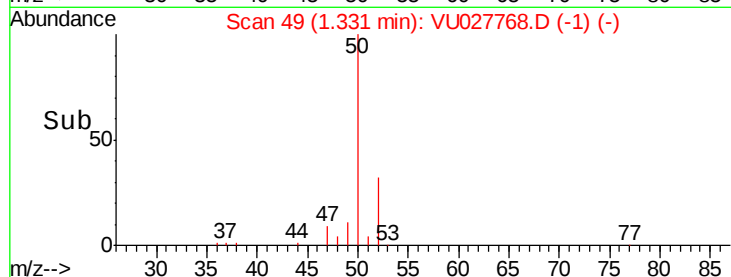
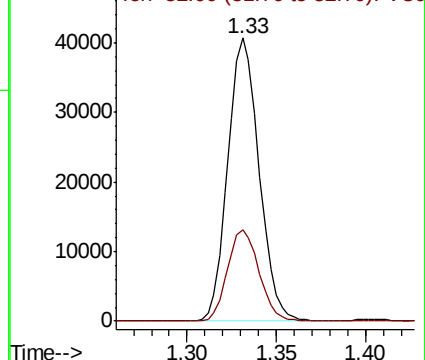
Ion Ratio Lower Upper

50 100

52 32.3 26.6 40.0



Abundance Ion 50.00 (49.70 to 50.70): VU0
Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 10.078 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027768.D

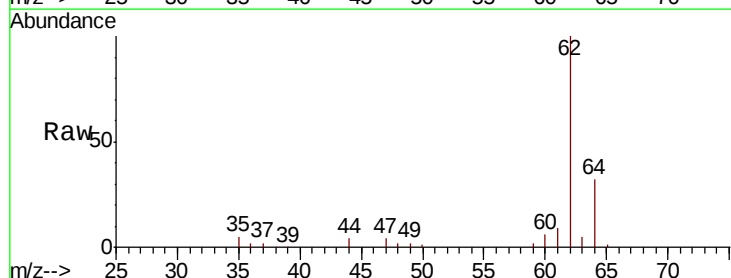
Acq: 23 Oct 2018 17:45

Tgt Ion: 62 Resp: 46021

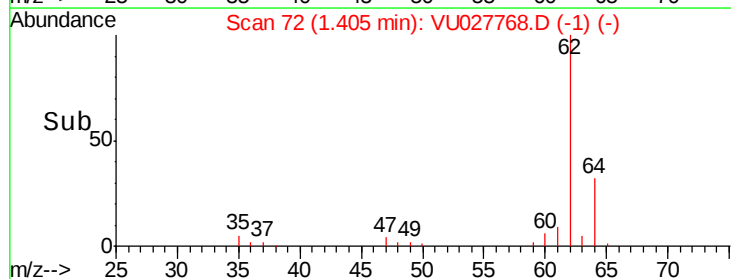
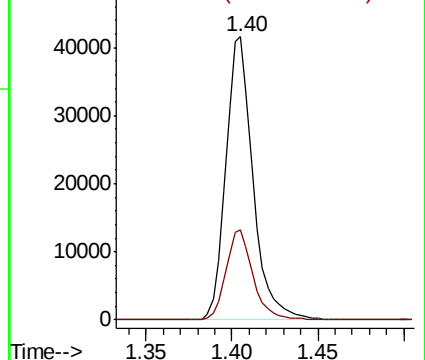
Ion Ratio Lower Upper

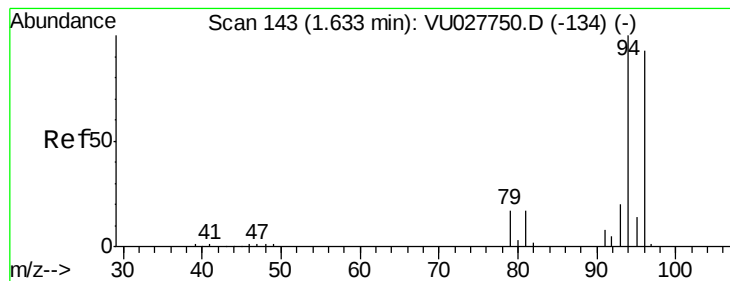
62 100

64 31.7 24.3 36.5



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 10.221 ug/l

RT: 1.63 min Scan# 143

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

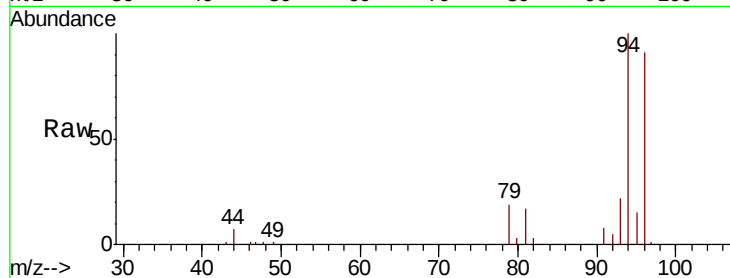
ClientSampleId :

Tot Ion: 94 Resp: 24553

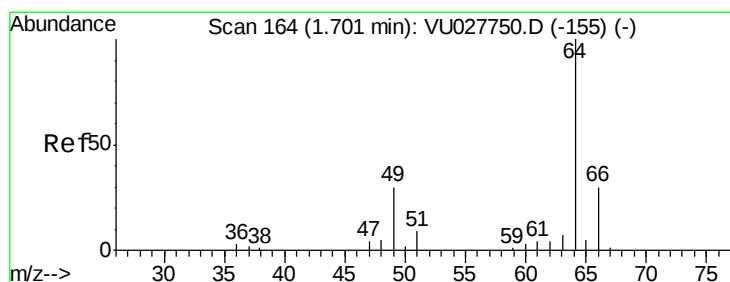
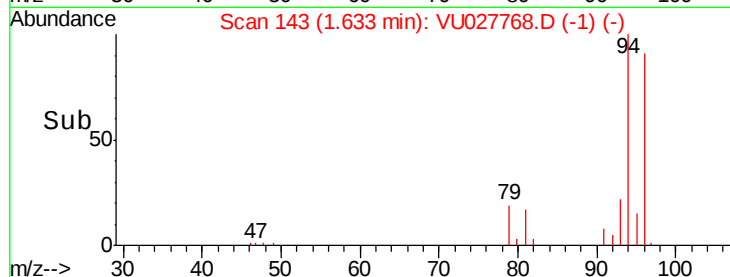
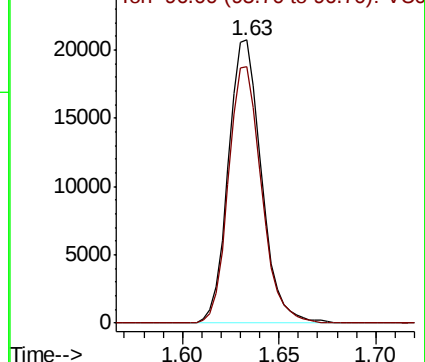
Ion Ratio Lower Upper

94 100

96 90.8 74.2 111.4



Abundance Ion 94.00 (93.70 to 94.70): VU027768.D (-1) (-)



#6

Chloroethane

Concen: 10.372 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027768.D

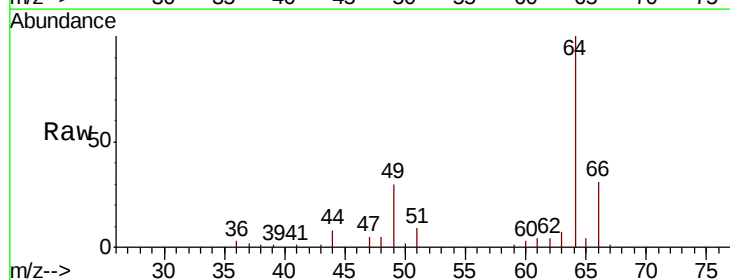
Acq: 23 Oct 2018 17:45

Tgt Ion: 64 Resp: 25682

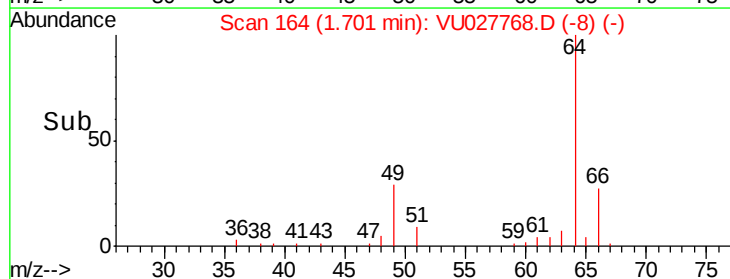
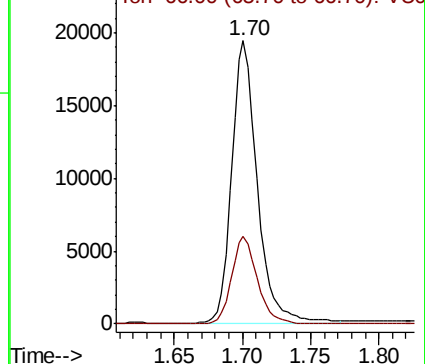
Ion Ratio Lower Upper

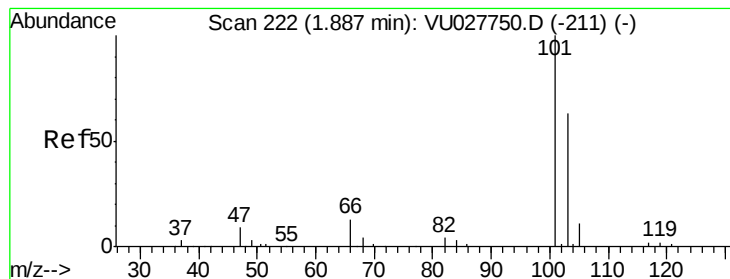
64 100

66 30.8 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU027768.D (-8) (-)



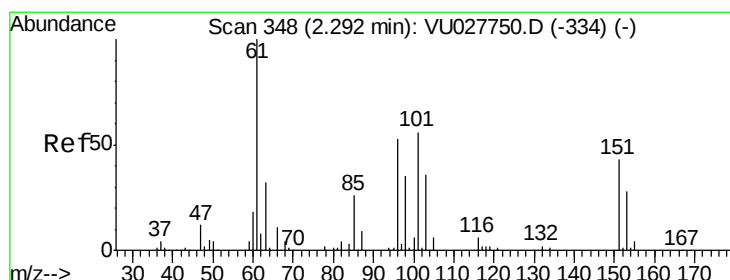
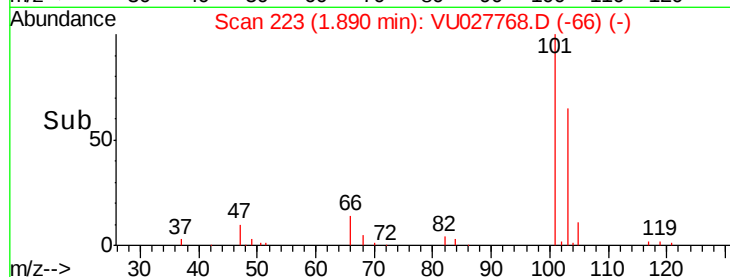
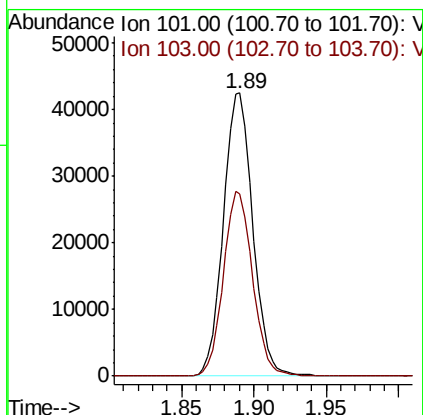
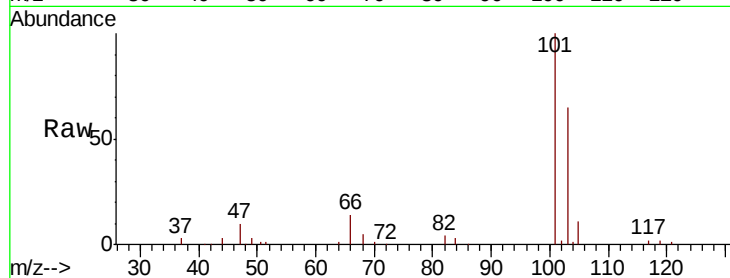


#7

Trichlorofluoromethane
 Concen: 10.763 ug/l
 RT: 1.89 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Instrument :
 MSVOA_U
 ClientSampleId :

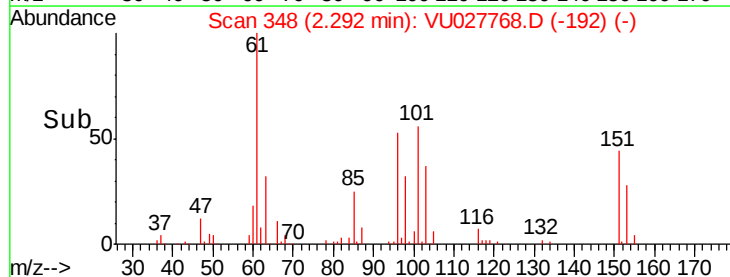
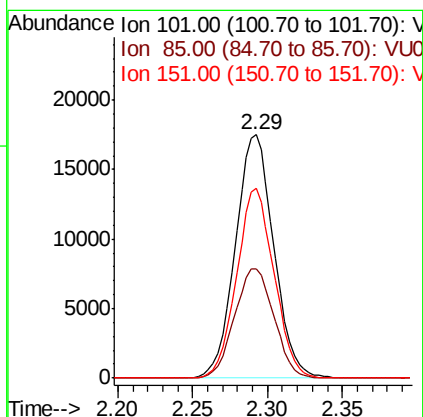
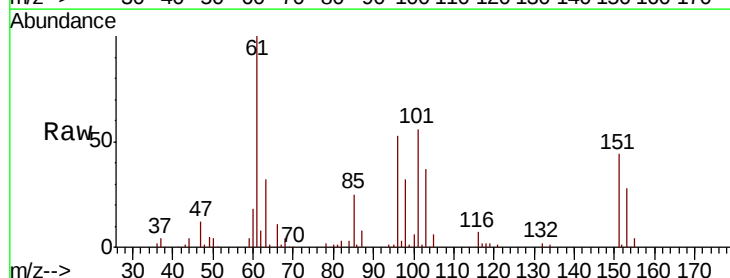
Tot Ion:101 Resp: 59900
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.2 75.2

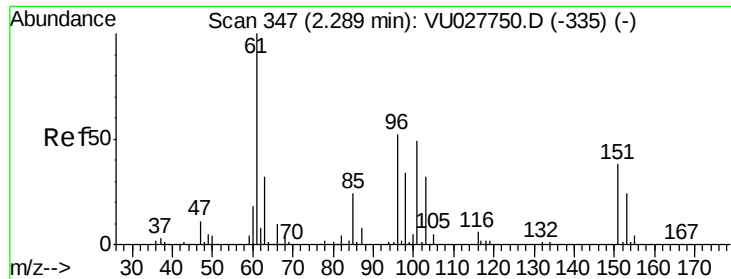


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.660 ug/l
 RT: 2.29 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion:101 Resp: 31201
 Ion Ratio Lower Upper
 101 100
 85 46.0 38.2 57.2
 151 75.9 61.8 92.8





#9

1,1-Dichloroethene

Concen: 10.571 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

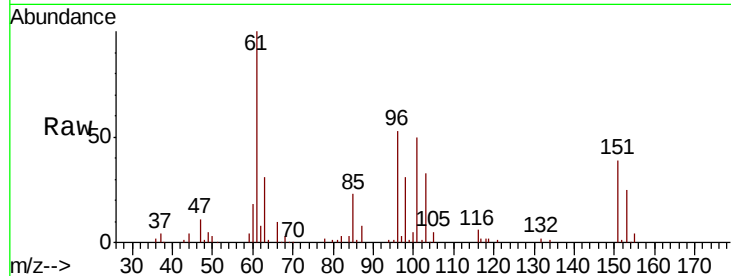
Tot Ion: 96 Resp: 27166

Ion Ratio Lower Upper

96 100

61 190.1 0.0 581.4

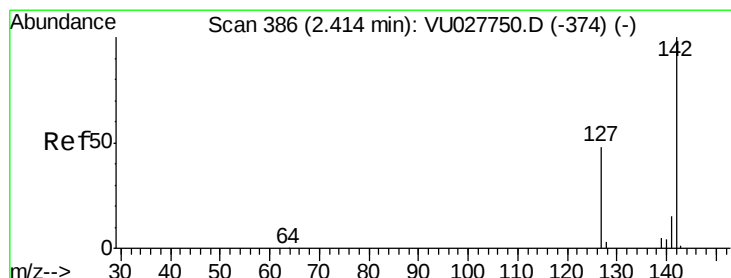
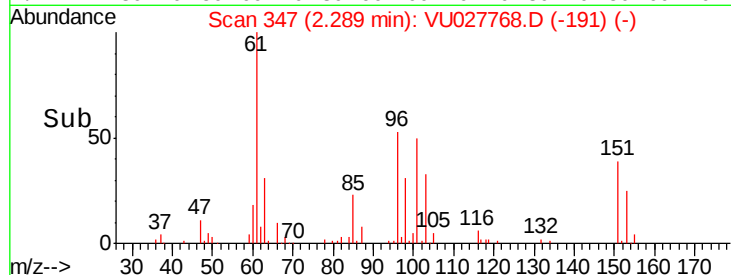
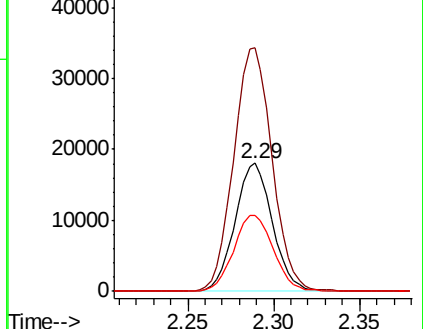
98 59.6 0.0 131.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 11.534 ug/l

RT: 2.41 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU027768.D

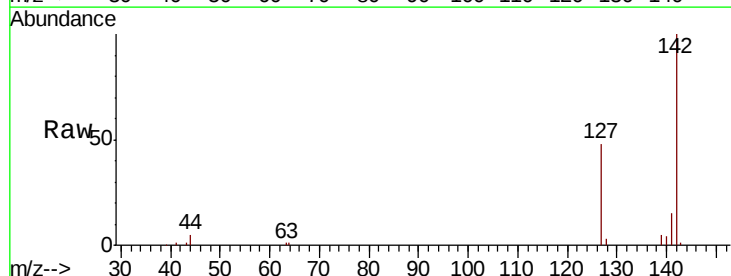
Acq: 23 Oct 2018 17:45

Tgt Ion: 142 Resp: 39836

Ion Ratio Lower Upper

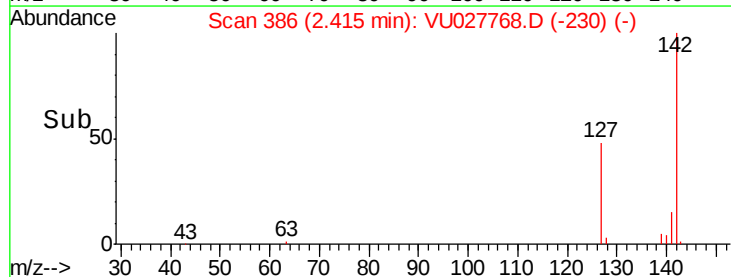
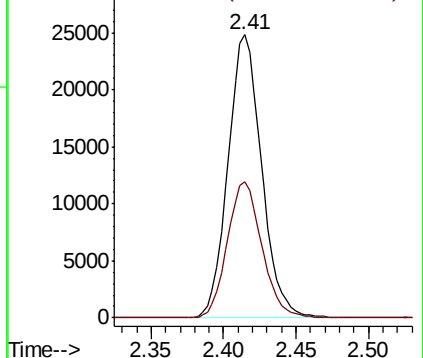
142 100

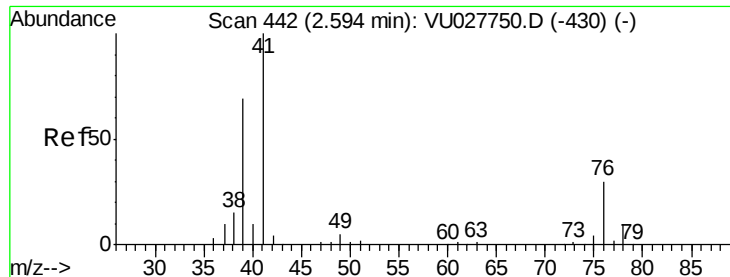
127 49.2 39.2 58.8



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

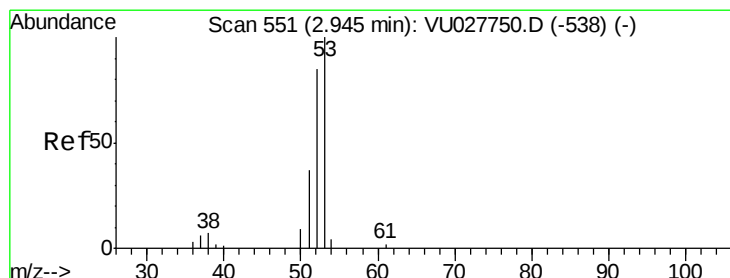
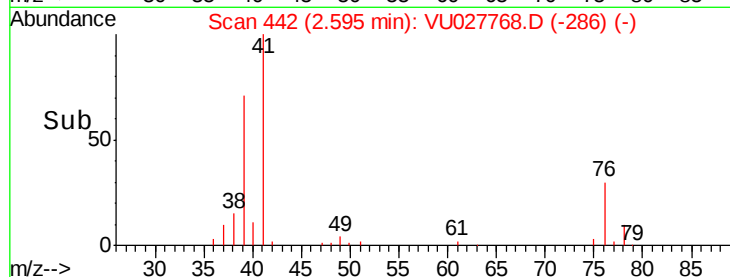
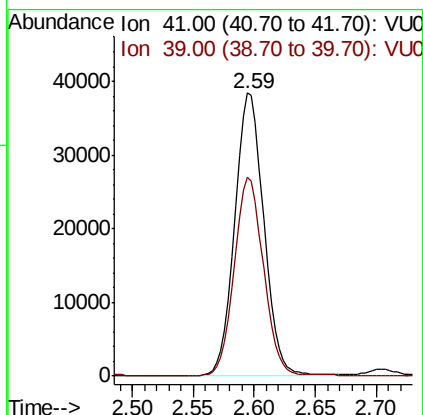
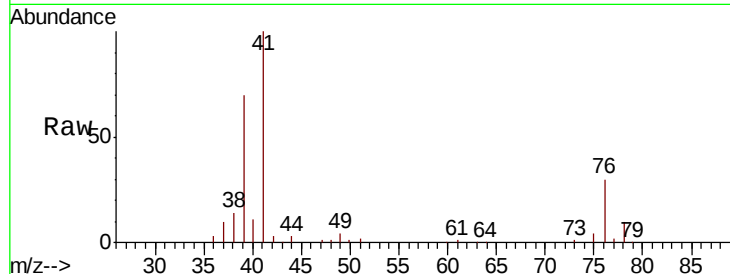




#11
Allvl Chloride
Concen: 10.507 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

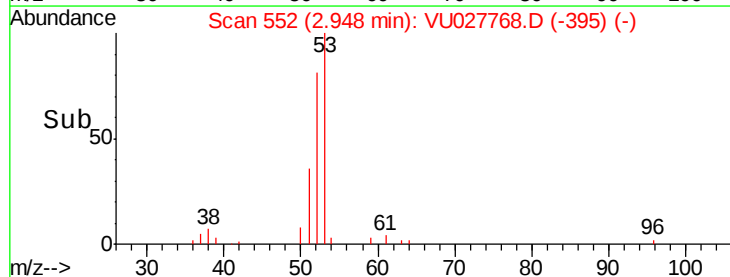
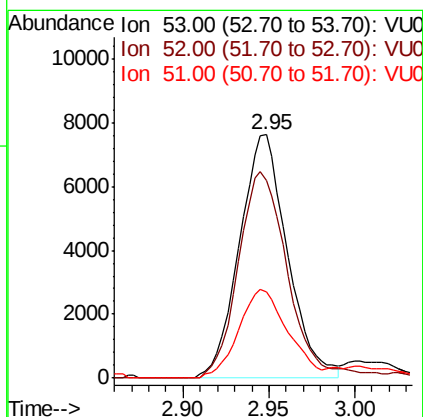
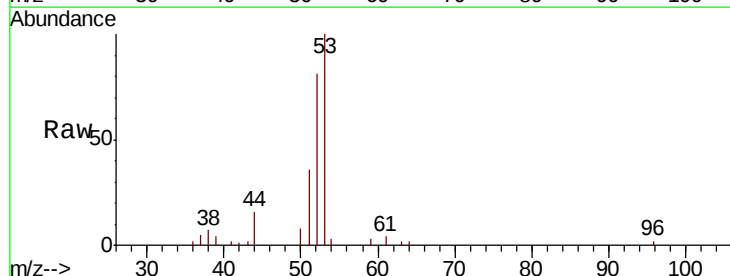
Instrument :
MSVOA_U
ClientSampleId :

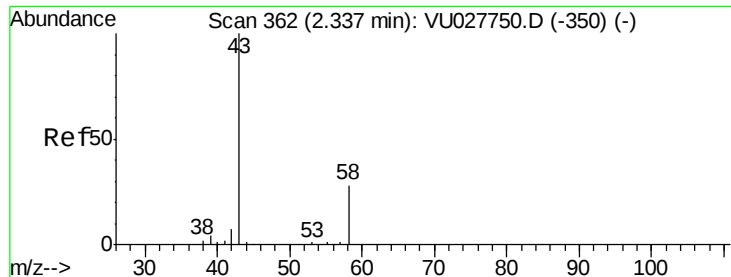
Tot Ion: 41 Resp: 63921
Ion Ratio Lower Upper
41 100
39 70.3 55.4 83.0



#12
Acrylonitrile
Concen: 18.859 ug/l
RT: 2.95 min Scan# 552
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion: 53 Resp: 14772
Ion Ratio Lower Upper
53 100
52 87.6 67.9 101.9
51 37.2 30.0 45.0





#13

Acetone

Concen: 48.859 ug/l

RT: 2.34 min Scan# 362

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

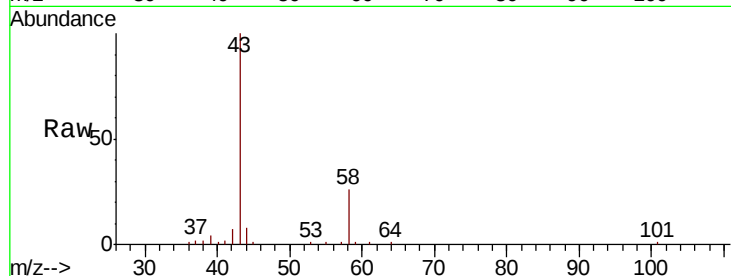
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 34926

Ion Ratio Lower Upper

43 100

58 26.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VU027750.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VU027750.D (-350) (-)

20000

15000

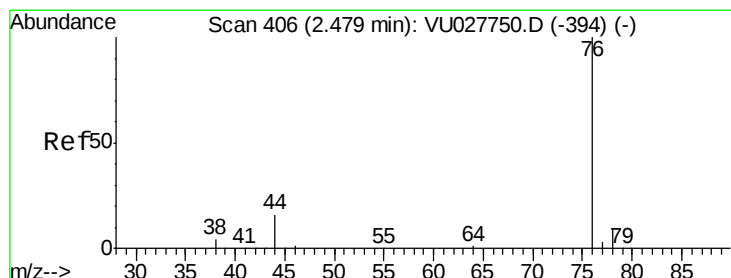
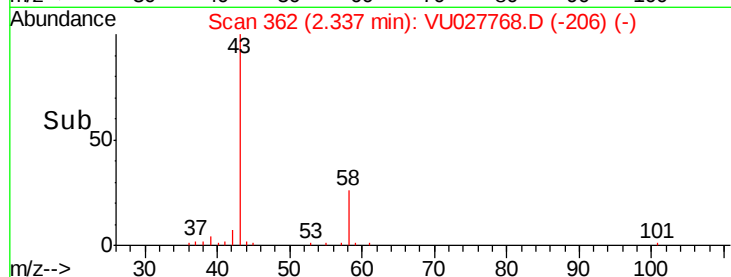
10000

5000

0

2.25 2.30 2.35 2.40 2.45

Time-->



#14

Carbon Disulfide

Concen: 10.071 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027768.D

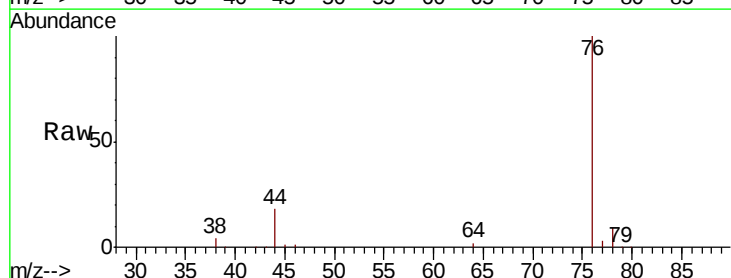
Acq: 23 Oct 2018 17:45

Tgt Ion: 76 Resp: 96345

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU027750.D (-394) (-)

Ion 78.00 (77.70 to 78.70): VU027750.D (-394) (-)

60000

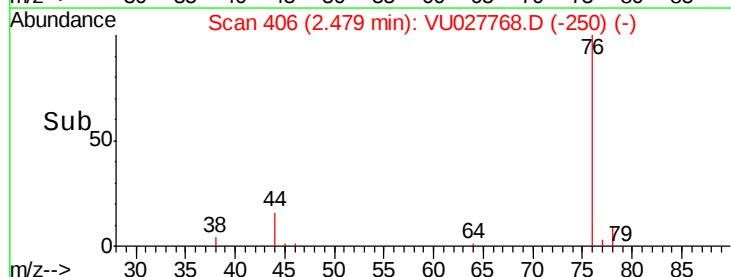
40000

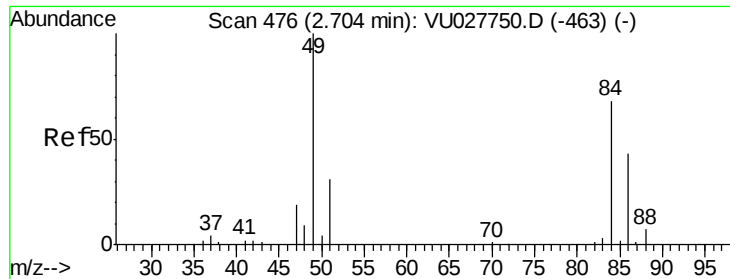
20000

0

2.40 2.45 2.50 2.55 2.60

Time-->

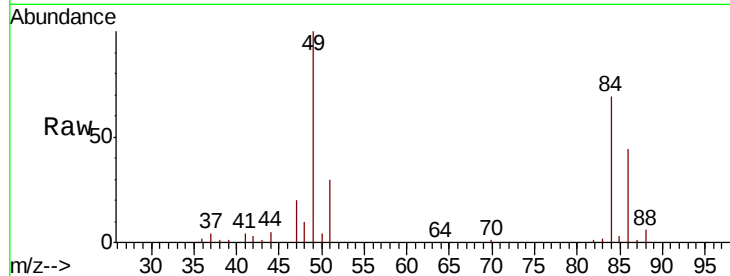




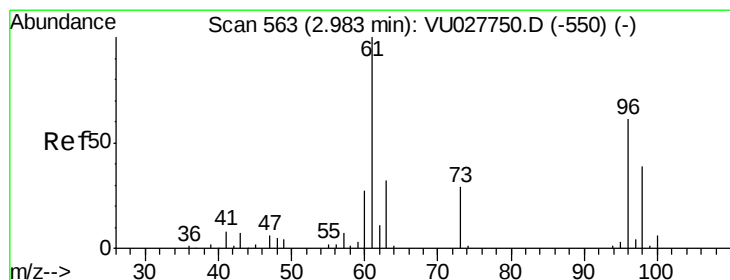
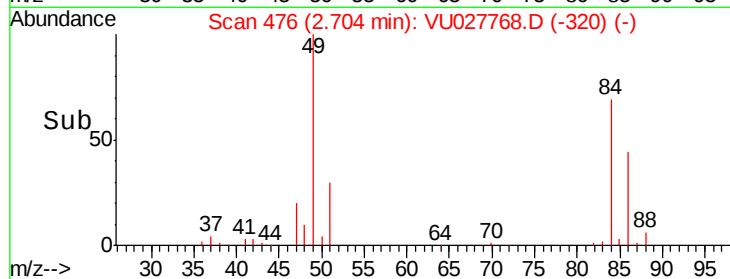
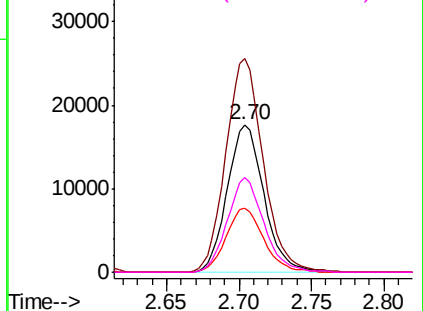
#15
Methvlene Chloride
Concen: 9.569 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	84	Resp:	30990
Ion	Ratio	Lower	Upper
84	100		
49	144.5	118.5	177.7
51	42.9	0.0	91.0
86	63.7	50.7	76.1

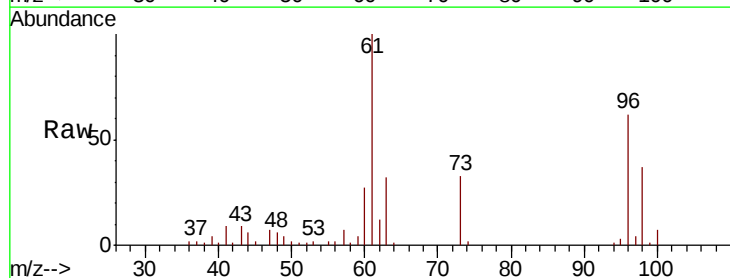


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

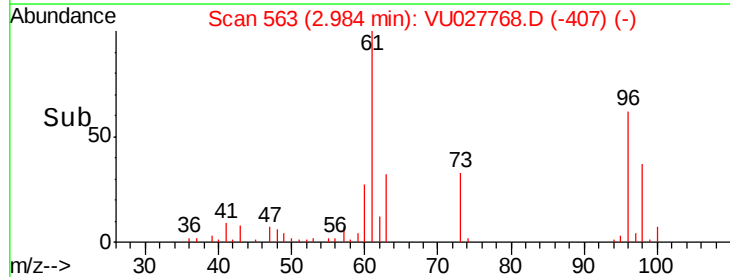
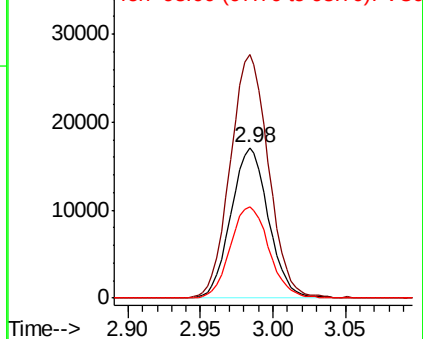


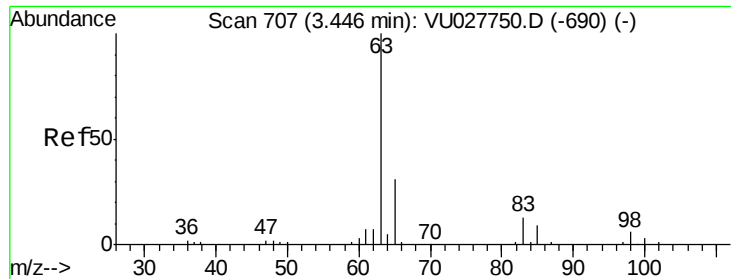
#16
trans-1,2-Dichloroethene
Concen: 10.725 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion:	96	Resp:	30682
Ion	Ratio	Lower	Upper
96	100		
61	162.1	131.8	197.6
98	60.4	51.2	76.8



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

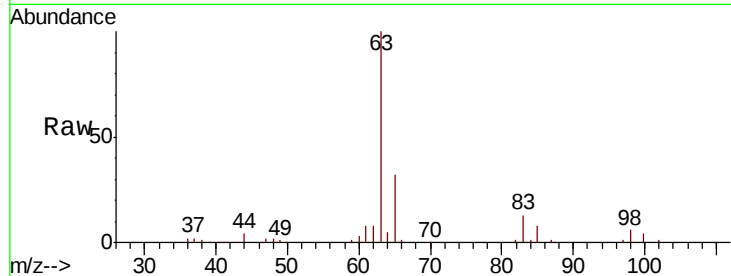




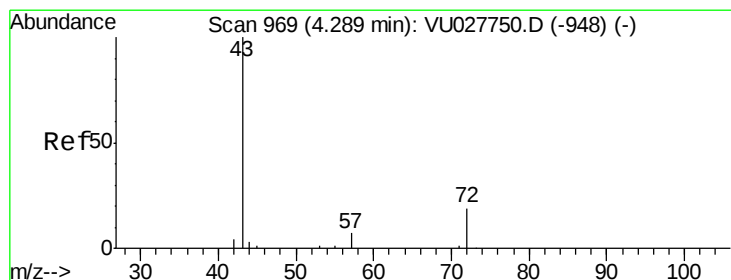
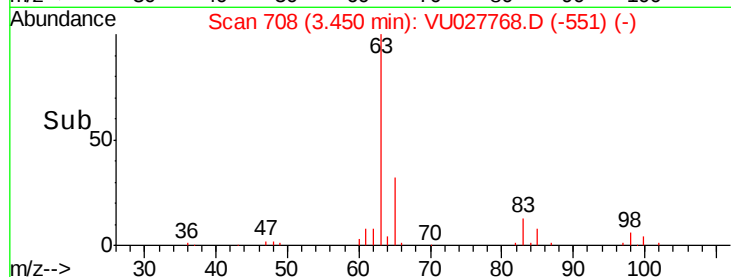
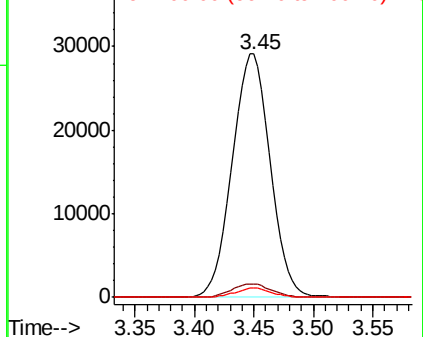
#17
 1,1-Dichloroethane
 Concen: 10.213 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 64473
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.8 8.4
 100 4.0 1.5 4.5

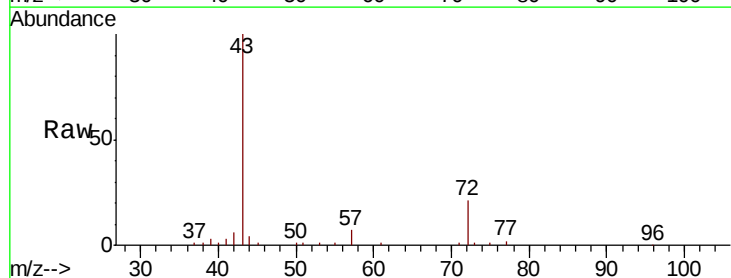


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

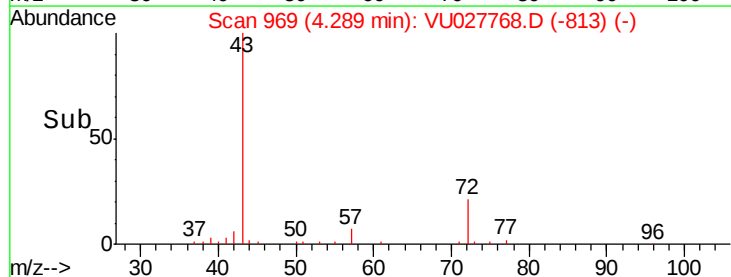
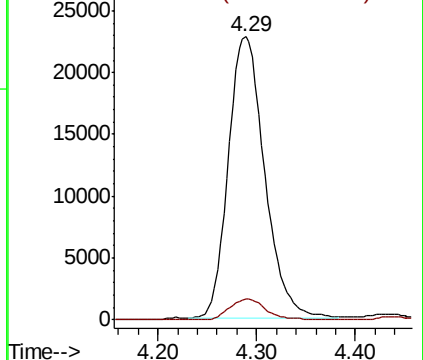


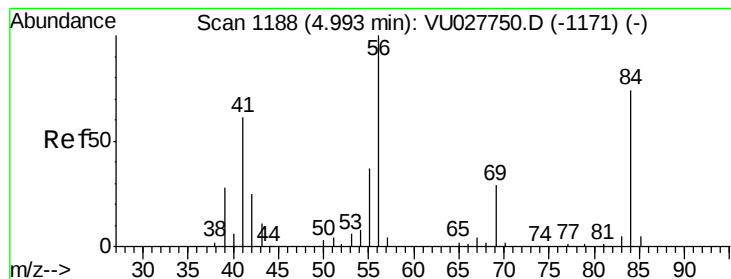
#18
 2-Butanone
 Concen: 49.069 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion: 43 Resp: 58237
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 14.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 10.125 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampled :

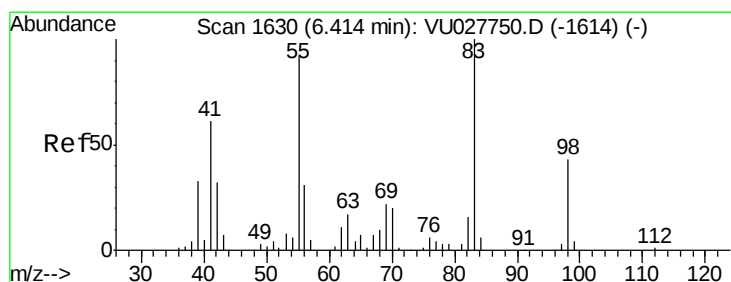
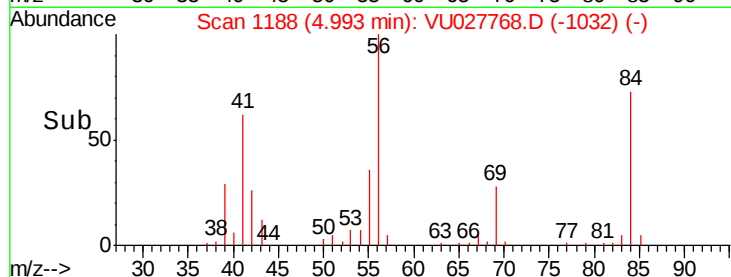
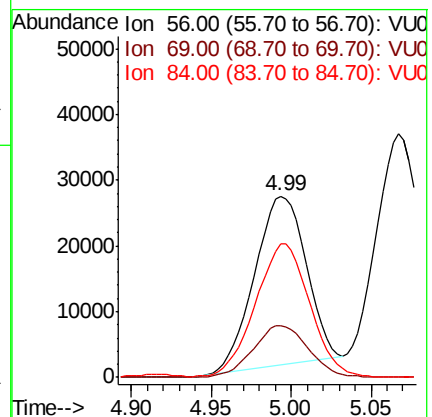
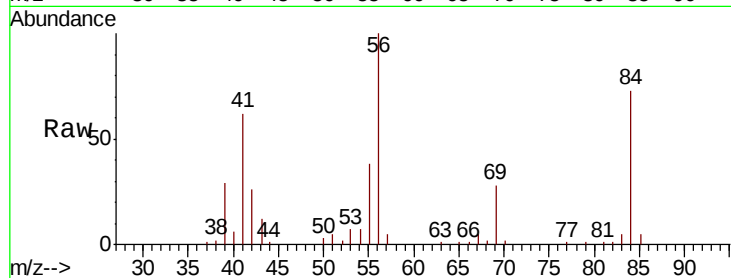
Tot Ion: 56 Resp: 57301

Ion Ratio Lower Upper

56 100

69 32.3 25.9 38.9

84 82.4 65.9 98.9



#20

Methylcyclohexane

Concen: 10.650 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

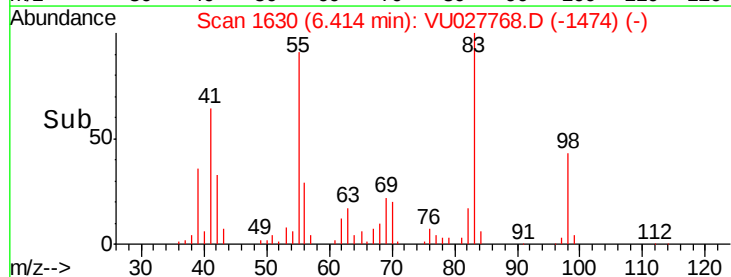
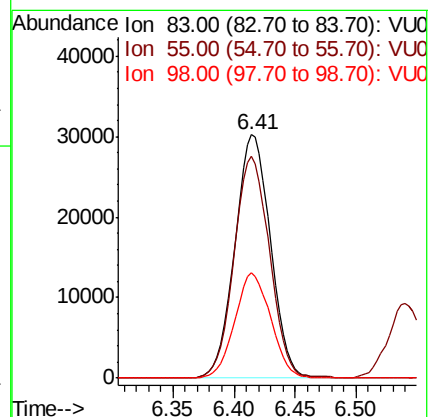
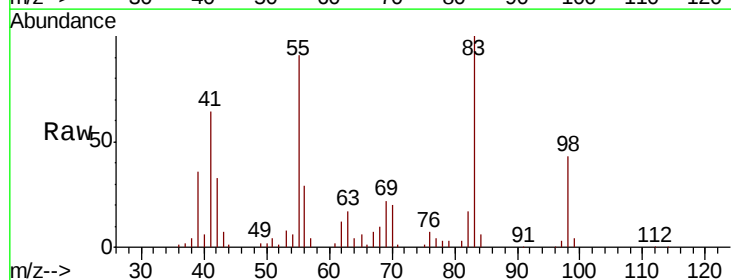
Tgt Ion: 83 Resp: 61115

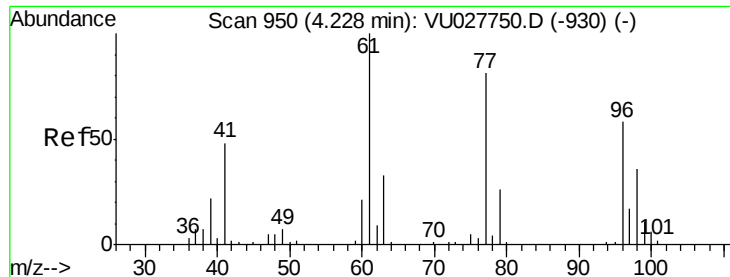
Ion Ratio Lower Upper

83 100

55 91.3 72.6 108.8

98 43.5 35.0 52.4

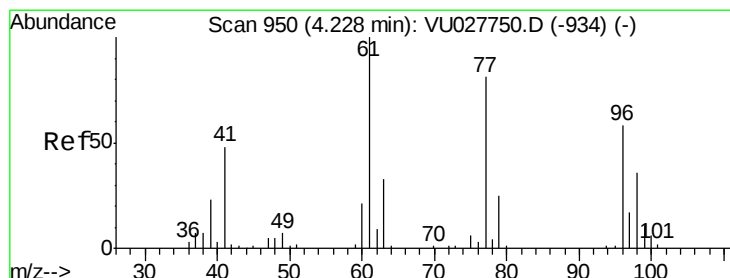
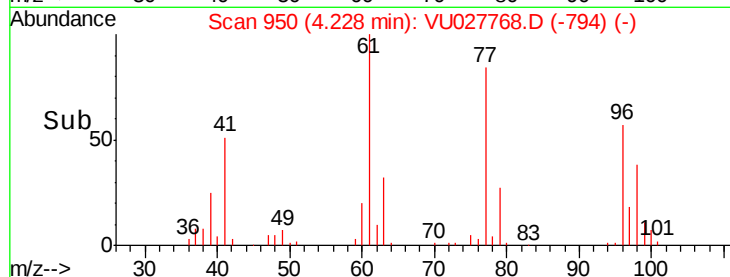
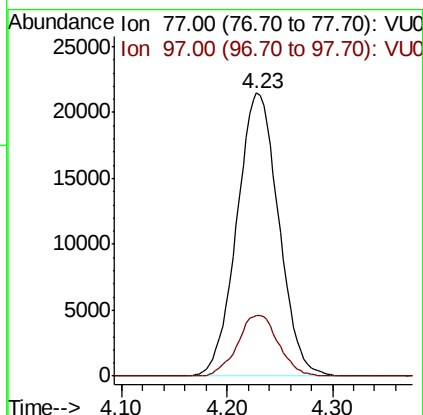
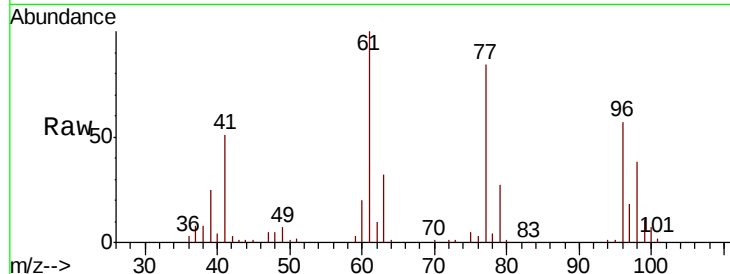




#21
 2,2-Dichloropropane
 Concen: 10.613 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

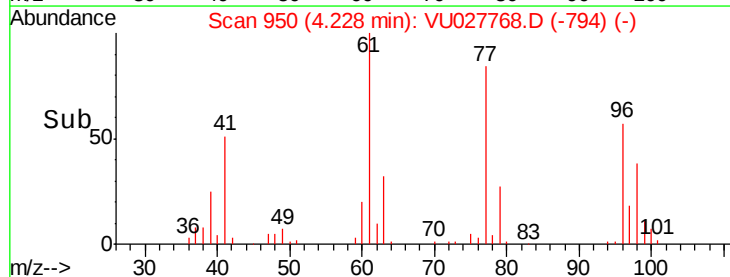
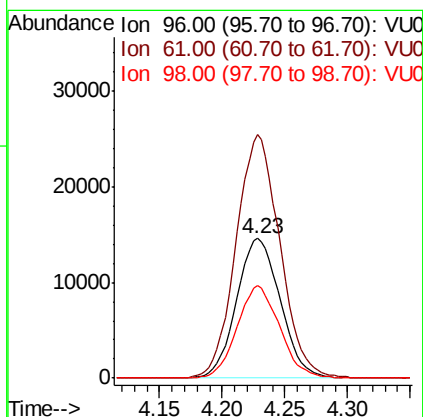
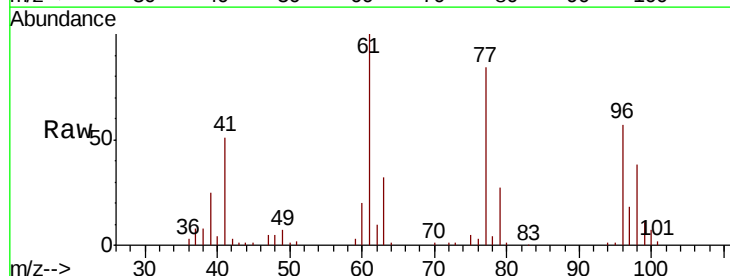
Instrument :
 MSVOA_U
 ClientSampled :

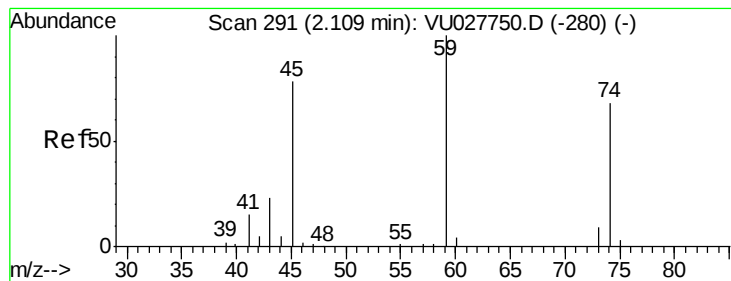
Tot Ion: 77 Resp: 59154
 Ion Ratio Lower Upper
 77 100
 97 21.0 16.9 25.3



#22
 cis-1,2-Dichloroethene
 Concen: 10.339 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion: 96 Resp: 35411
 Ion Ratio Lower Upper
 96 100
 61 174.4 0.0 444.0
 98 64.1 31.9 95.5





#23

Diethyl Ether

Concen: 10.246 ug/l

RT: 2.11 min Scan# 291

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampled :

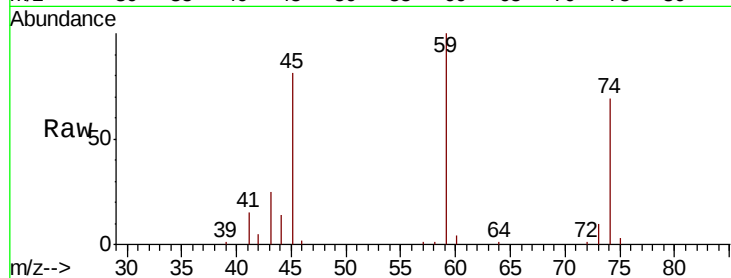
Tot Ion: 59 Resp: 25038

Ion Ratio Lower Upper

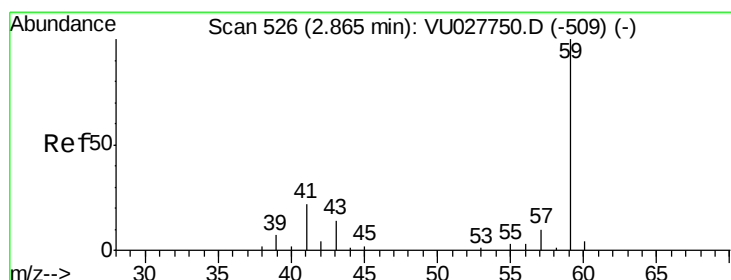
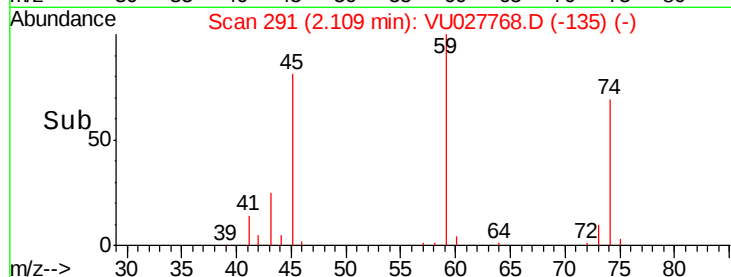
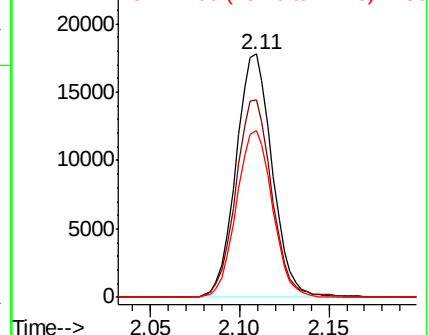
59 100

45 81.7 64.6 96.8

74 68.2 54.8 82.2



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 109.768 ug/l

RT: 2.86 min Scan# 526

Delta R.T. 0.00 min

Lab File: VU027768.D

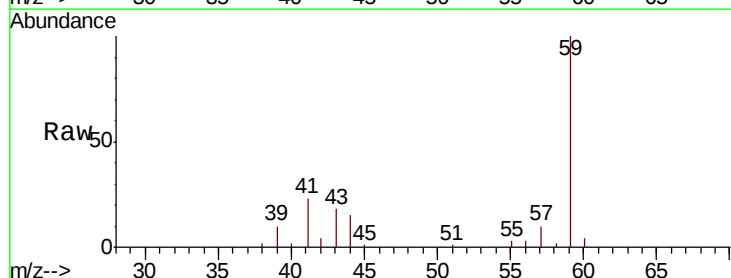
Acq: 23 Oct 2018 17:45

Tgt Ion: 59 Resp: 28613

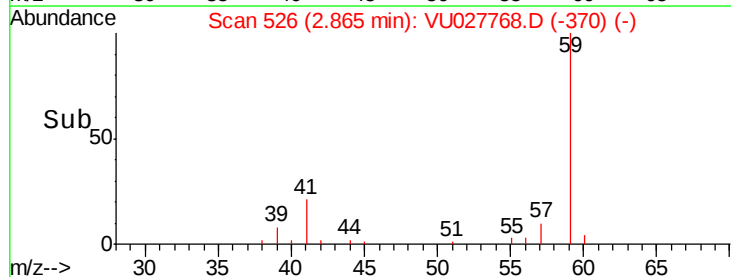
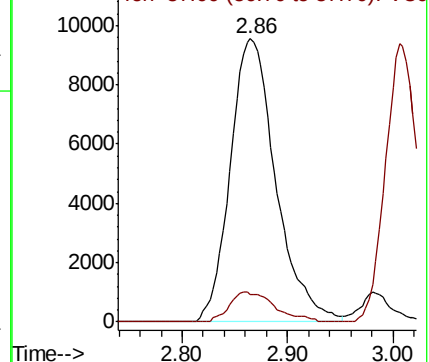
Ion Ratio Lower Upper

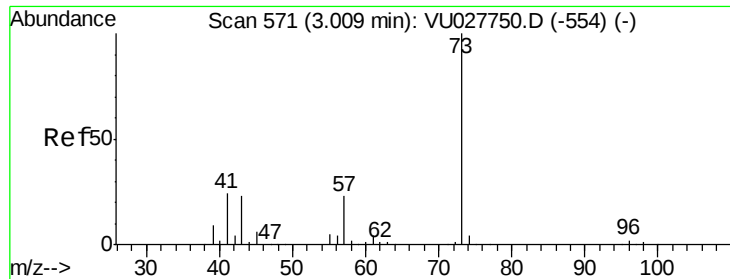
59 100

57 10.5 4.4 6.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



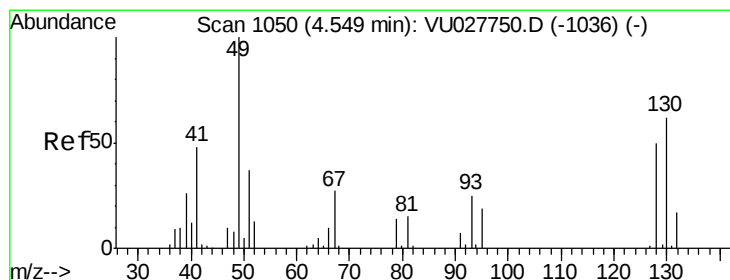
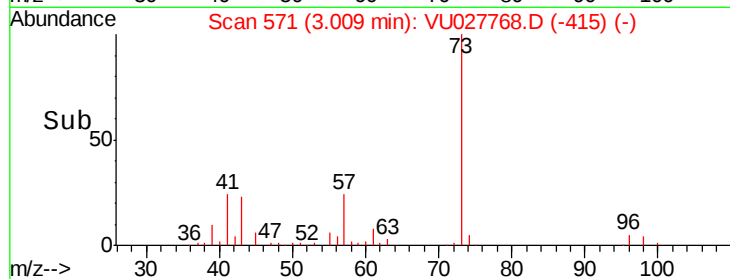
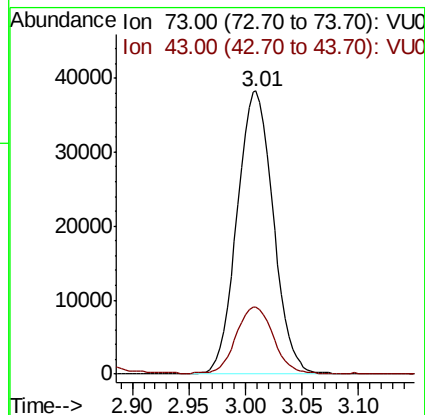
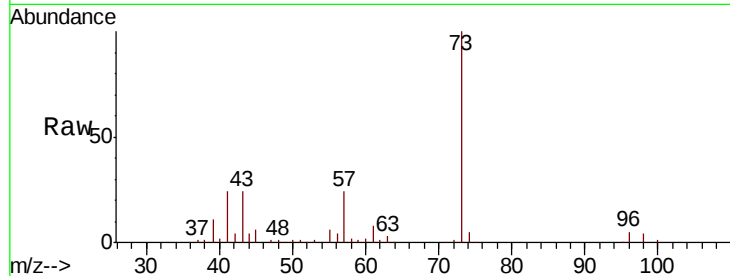


#25

Methyl tert-Butyl Ether
 Concen: 10.438 ug/l
 RT: 3.01 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Instrument :
 MSVOA_U
 ClientSampled :

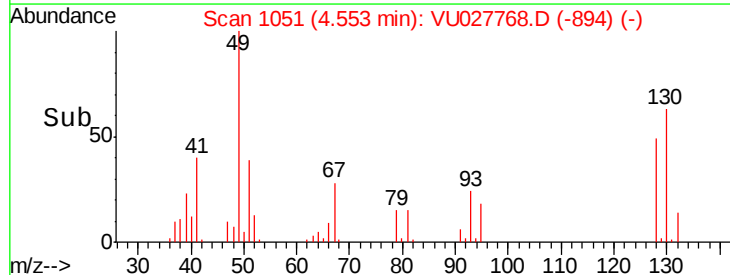
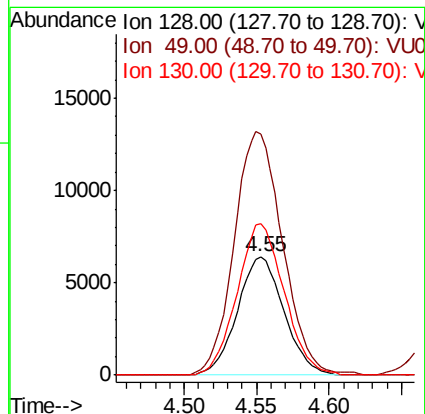
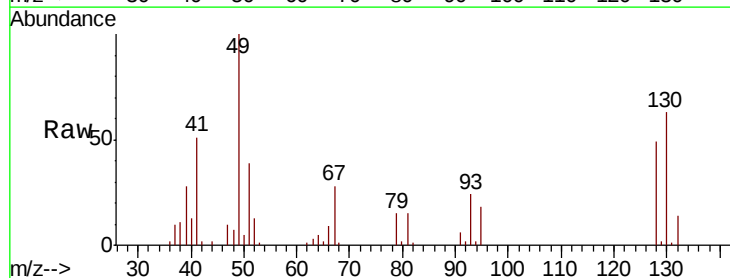
Tot Ion: 73 Resp: 85413
 Ion Ratio Lower Upper
 73 100
 43 24.0 18.6 27.8

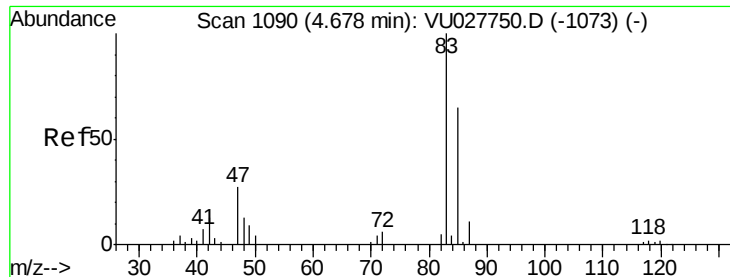


#26

Bromochloromethane
 Concen: 10.391 ug/l
 RT: 4.55 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion: 128 Resp: 14276
 Ion Ratio Lower Upper
 128 100
 49 214.2 0.0 427.6
 130 129.5 103.4 155.0

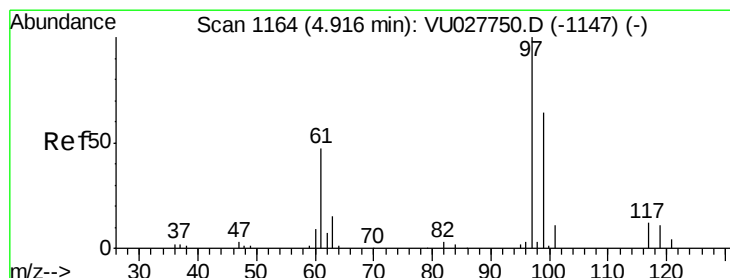
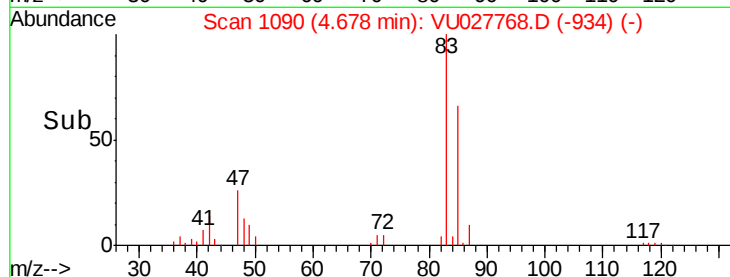
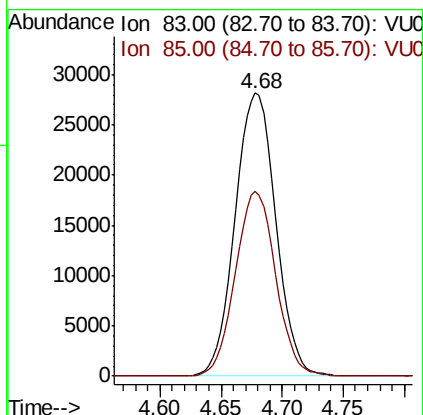
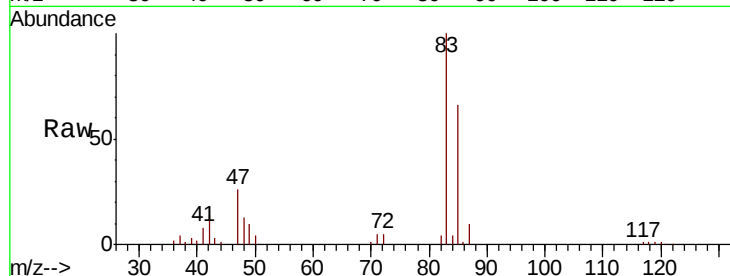




#27
Chloroform
Concen: 10.596 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

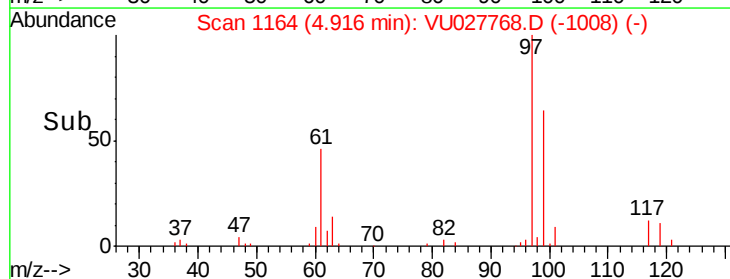
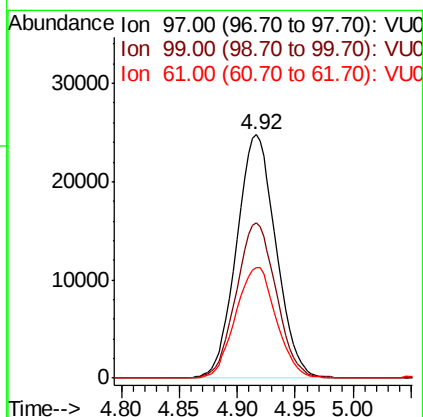
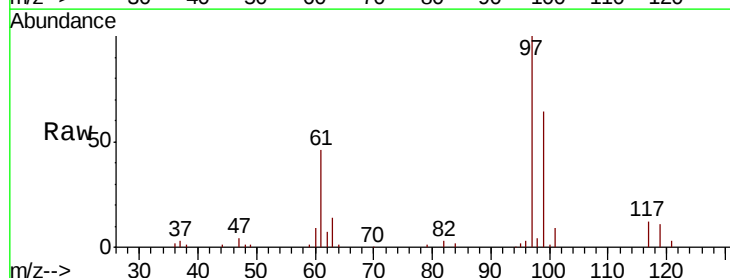
Instrument :
MSVOA_U
ClientSampleId :

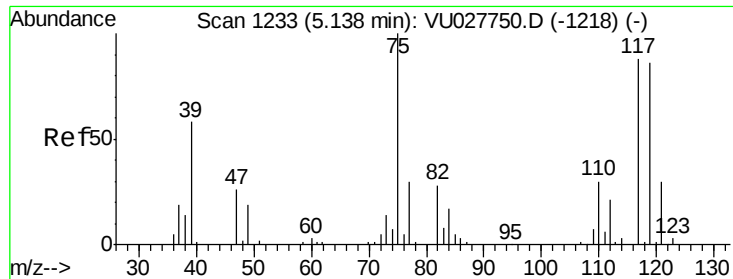
Tot Ion: 83 Resp: 65129
Ion Ratio Lower Upper
83 100
85 65.5 0.0 130.2



#28
1,1,1-Trichloroethane
Concen: 10.678 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion: 97 Resp: 58430
Ion Ratio Lower Upper
97 100
99 64.6 31.8 95.4
61 46.8 23.6 70.8





#29

1,1-Dichloropropene

Concen: 10.600 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampled :

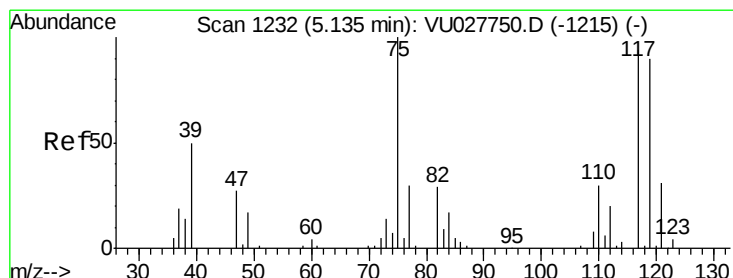
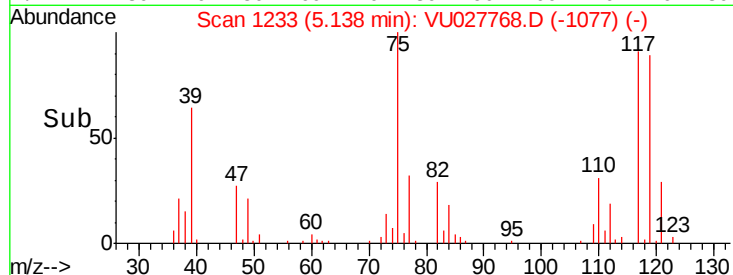
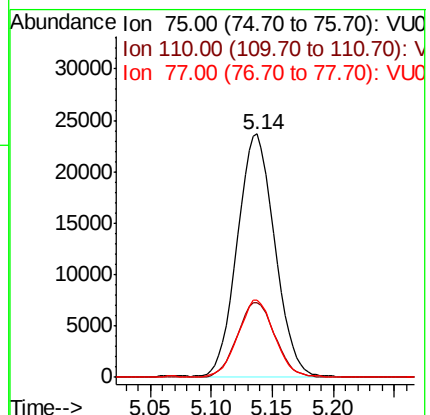
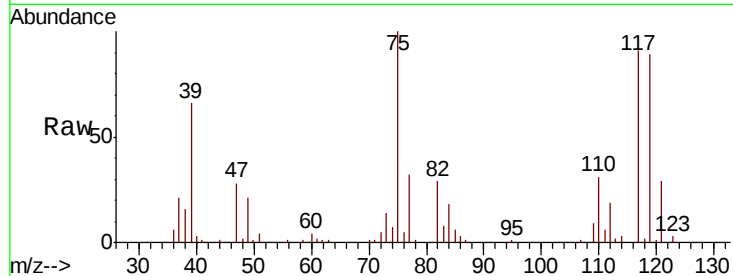
Tot Ion: 75 Resp: 50653

Ion Ratio Lower Upper

75 100

110 30.7 15.6 46.8

77 30.7 24.5 36.7



#30

Carbon Tetrachloride

Concen: 10.600 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

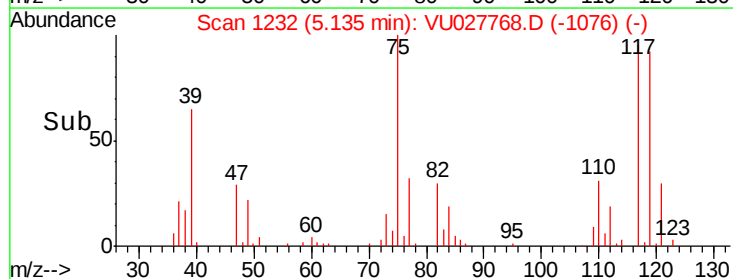
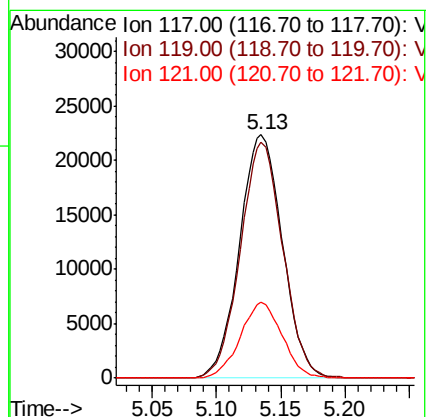
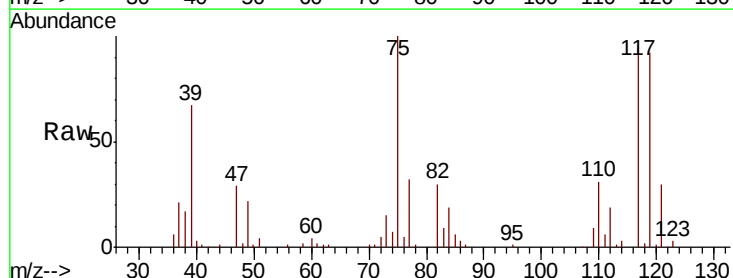
Tgt Ion: 117 Resp: 51821

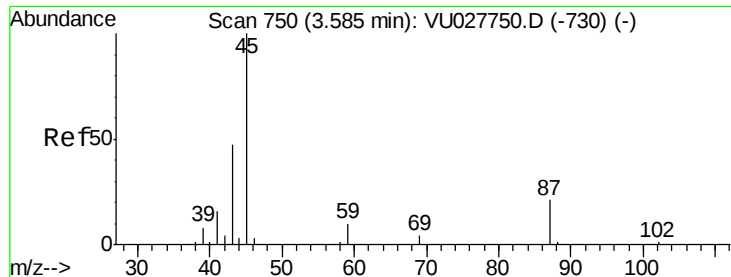
Ion Ratio Lower Upper

117 100

119 96.8 76.2 114.4

121 31.1 26.4 39.6





#31

Isopropyl Ether

Concen: 10.364 ug/l

RT: 3.58 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

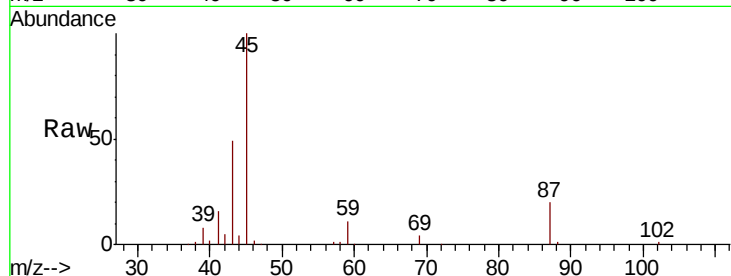
ClientSampleId :

Tot Ion: 45 Resp: 117847

Ion Ratio Lower Upper

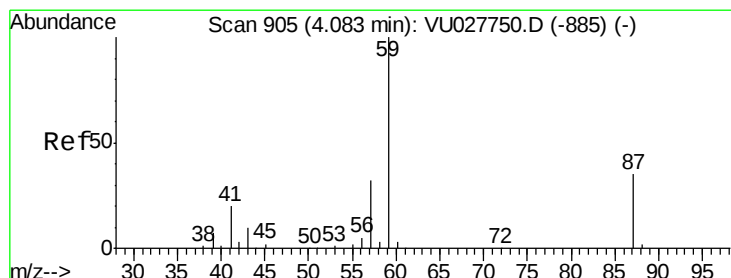
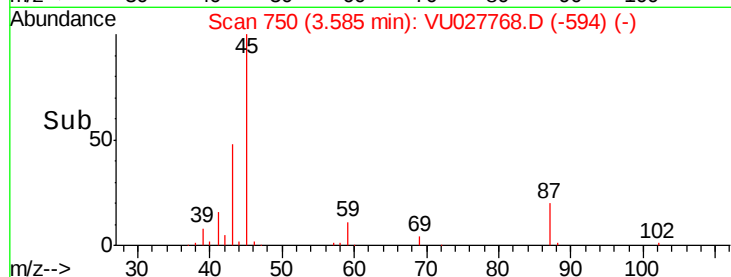
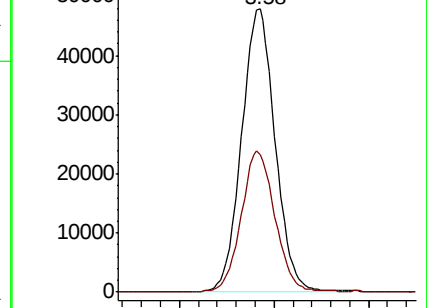
45 100

43 50.4 24.5 73.5



Abundance Ion 45.00 (44.70 to 45.70): VU027750.D (-730) (-)

Ion 43.00 (42.70 to 43.70): VU027750.D (-730) (-)



#32

Ethyl-t-butyl ether

Concen: 10.383 ug/l

RT: 4.08 min Scan# 905

Delta R.T. 0.00 min

Lab File: VU027768.D

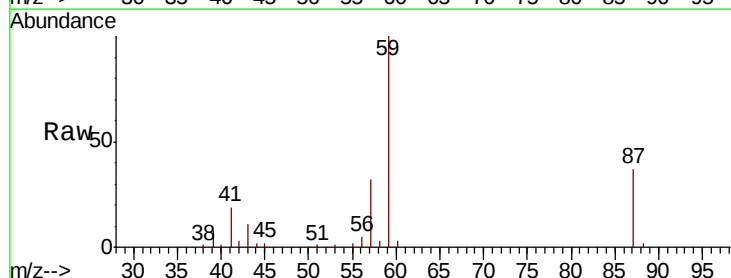
Acq: 23 Oct 2018 17:45

Tgt Ion: 59 Resp: 104745

Ion Ratio Lower Upper

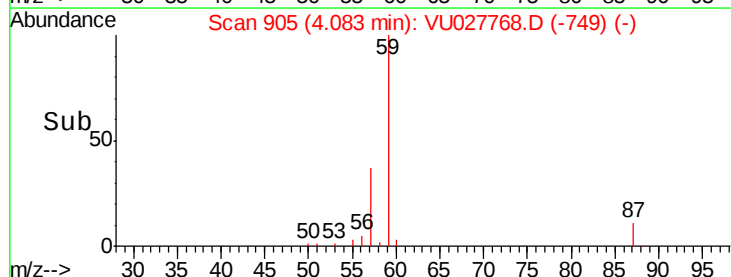
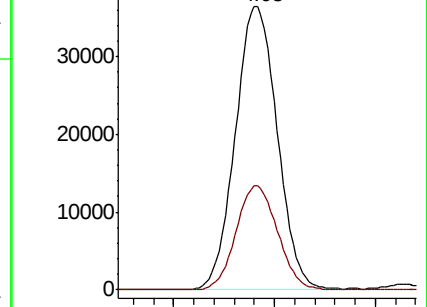
59 100

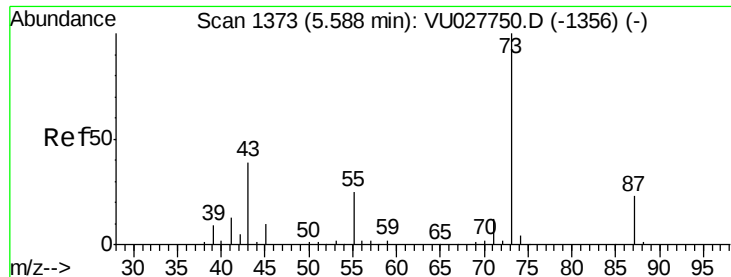
87 36.5 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU027750.D (-885) (-)

Ion 87.00 (86.70 to 87.70): VU027750.D (-885) (-)

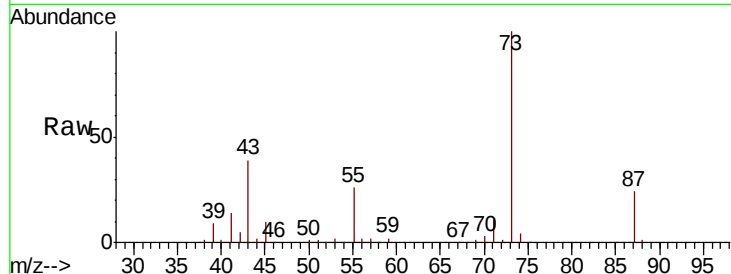




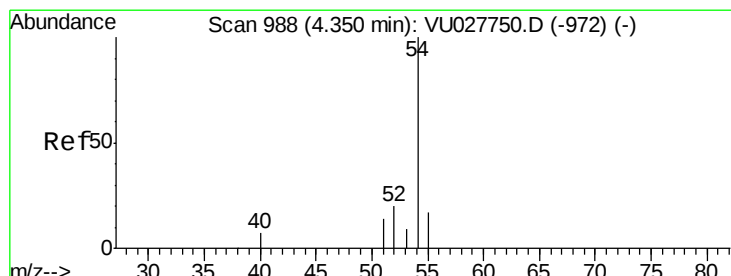
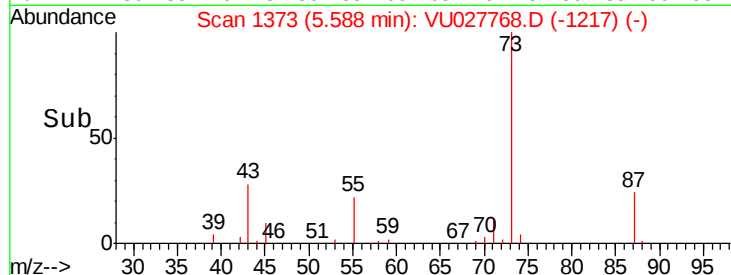
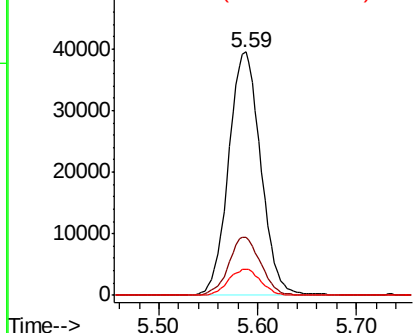
#33
Tert-Butyl methyl ether
Concen: 10.423 ug/l
RT: 5.59 min Scan# 1373
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 73 Resp: 89249
Ion Ratio Lower Upper
73 100
87 23.7 18.5 27.7
71 10.7 9.1 13.7

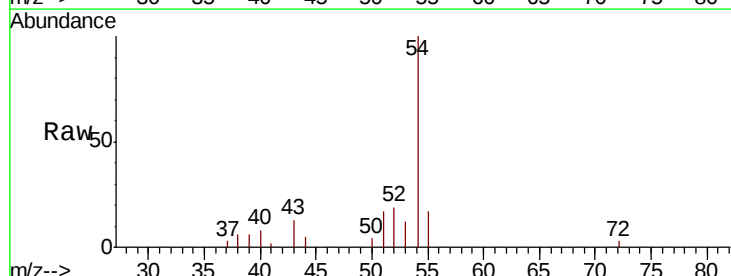


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

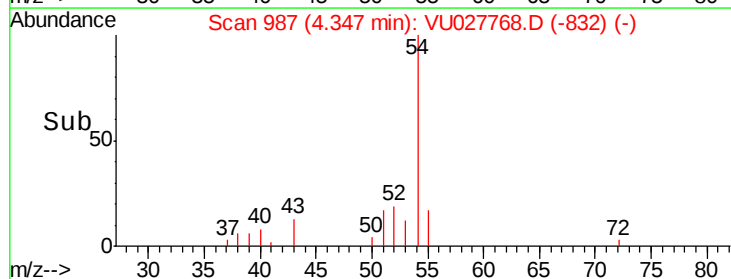
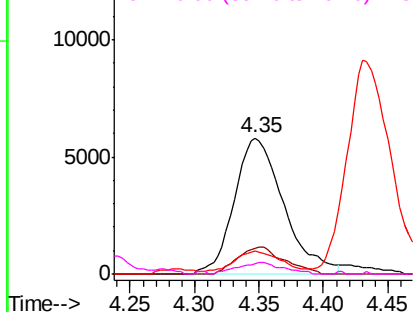


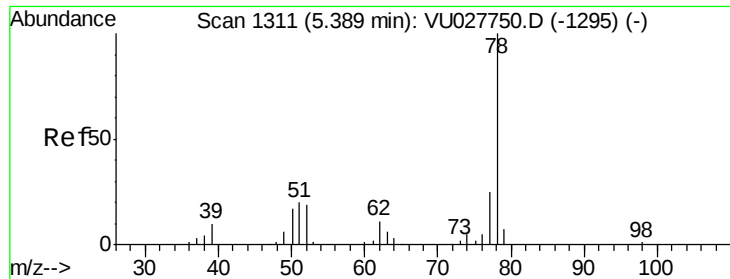
#34
Propionitrile
Concen: 54.569 ug/l
RT: 4.35 min Scan# 987
Delta R.T. -0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion: 54 Resp: 15442
Ion Ratio Lower Upper
54 100
52 18.5 15.5 23.3
55 14.7 12.6 18.8
40 7.7 6.1 9.1



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 10.457 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

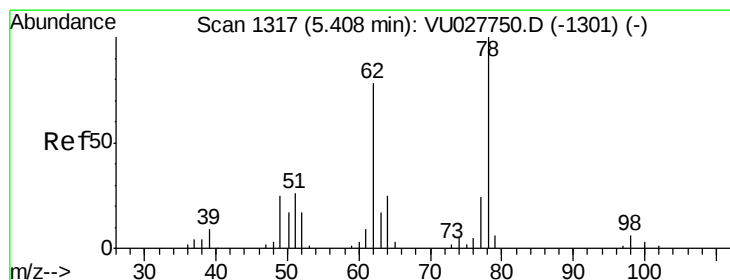
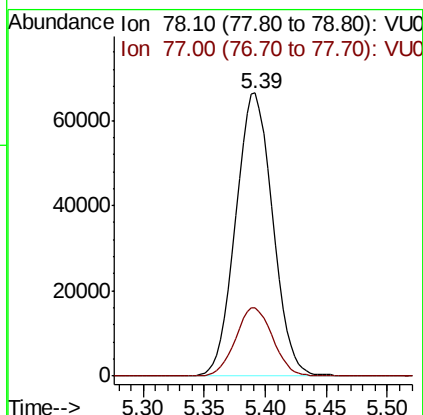
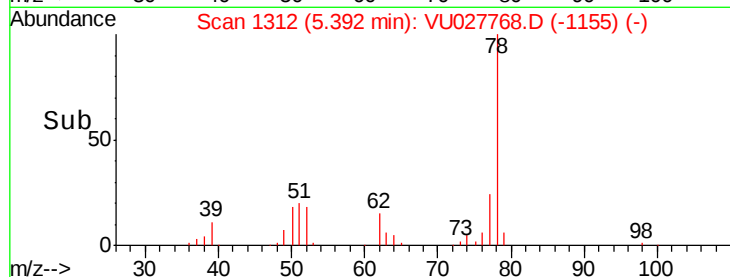
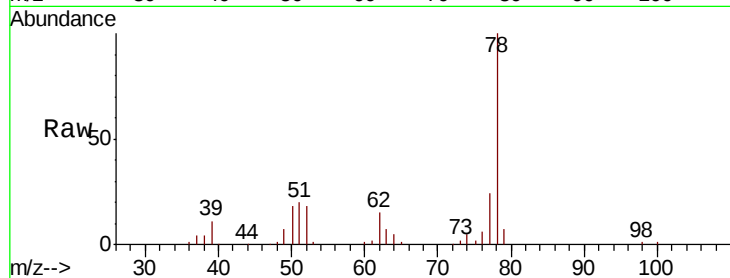
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 139643

Ion Ratio Lower Upper

78 100

77 24.2 19.9 29.9



#36

1,2-Dichloroethane

Concen: 10.524 ug/l

RT: 5.41 min Scan# 1318

Delta R.T. 0.00 min

Lab File: VU027768.D

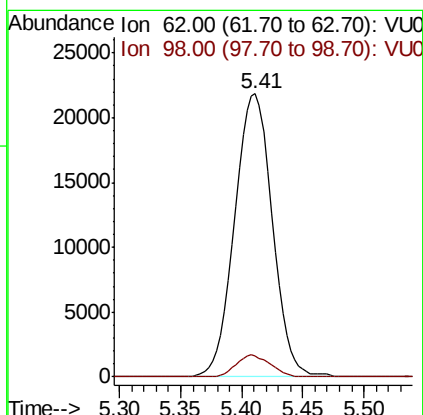
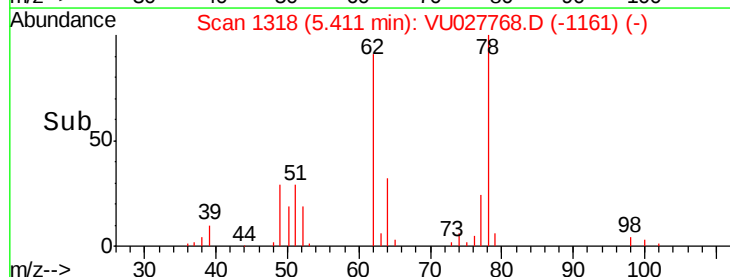
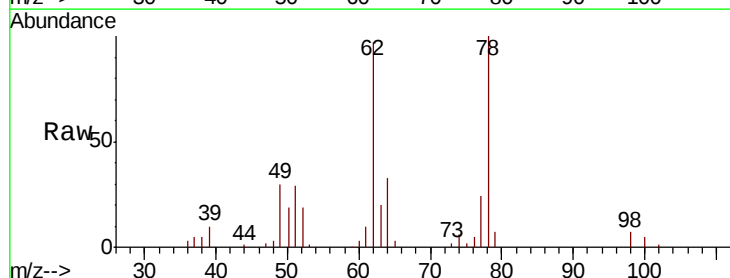
Acq: 23 Oct 2018 17:45

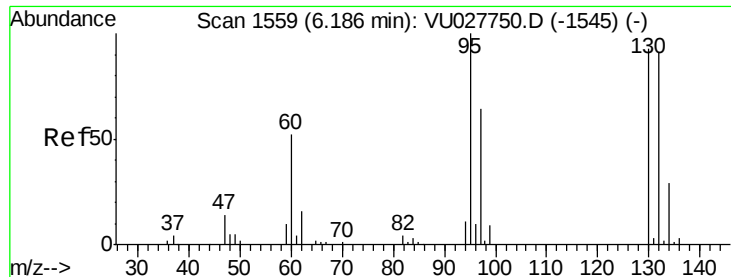
Tgt Ion: 62 Resp: 46771

Ion Ratio Lower Upper

62 100

98 7.0 5.8 8.6

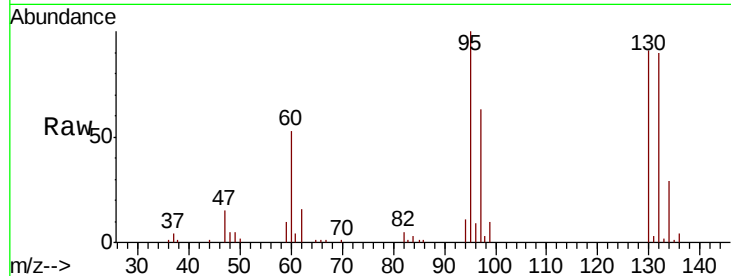




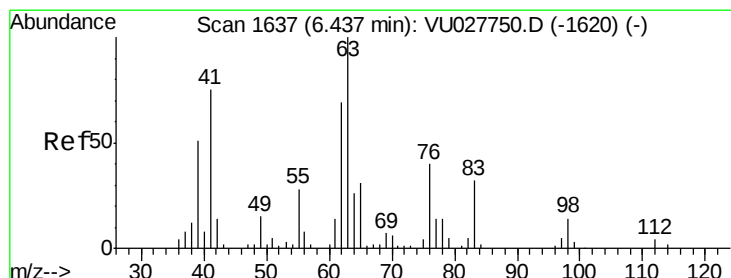
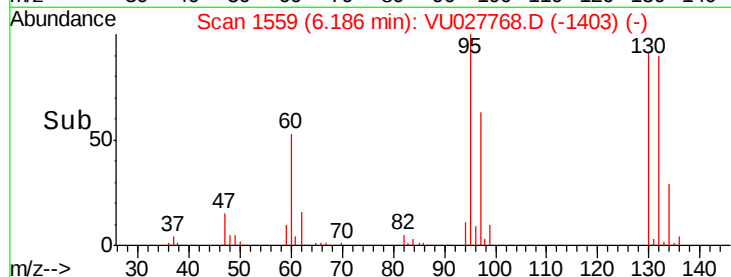
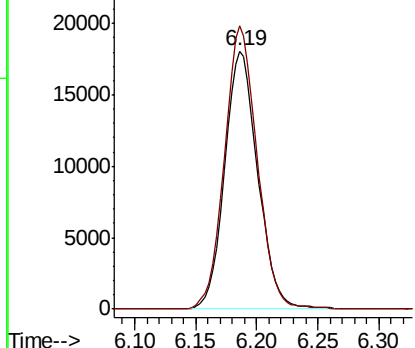
#37
 Trichloroethene
 Concen: 10.385 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:130 Resp: 34212
 Ion Ratio Lower Upper
 130 100
 95 109.6 86.4 129.6

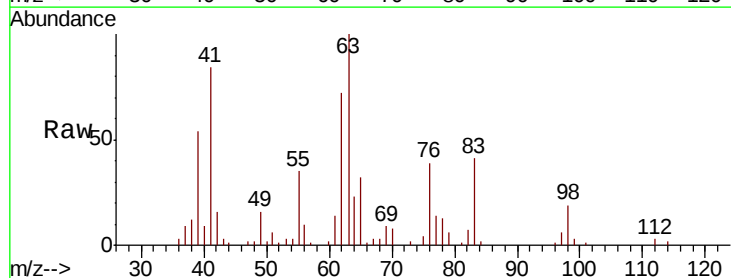


Abundance Ion 129.90 (129.60 to 130.60): VU027750.D (-1545) (-)
 Ion 94.90 (94.60 to 95.60): VU027750.D (-1545) (-)

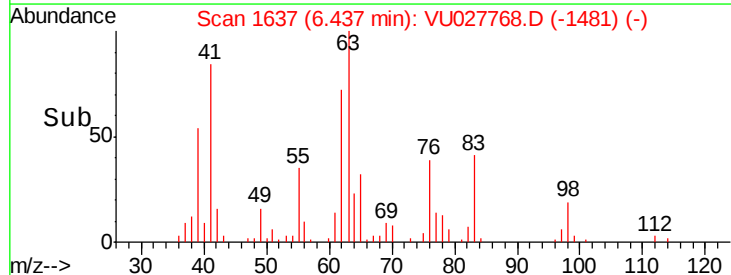
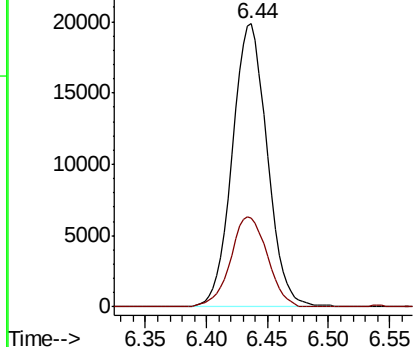


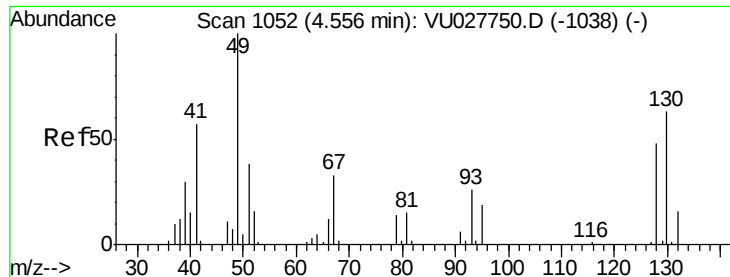
#38
 1,2-Dichloropropane
 Concen: 10.507 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion: 63 Resp: 39401
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU027750.D (-1620) (-)
 Ion 65.00 (64.70 to 65.70): VU027750.D (-1620) (-)

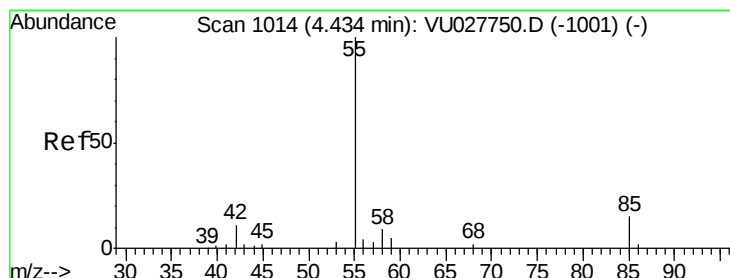
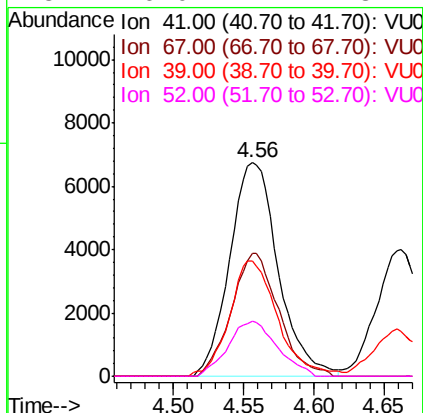
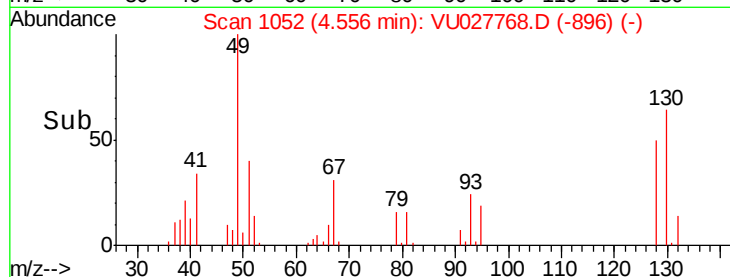
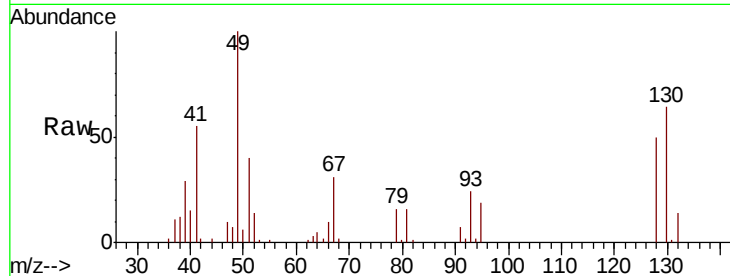




#39
Methacrylonitrile
Concen: 10.397 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

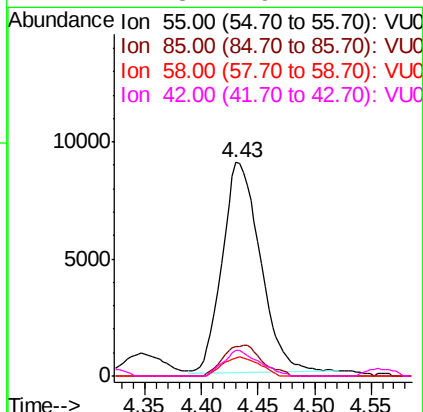
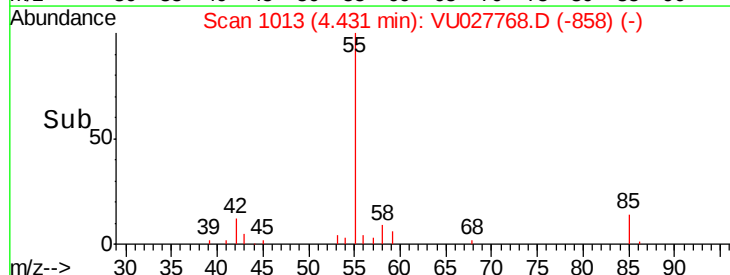
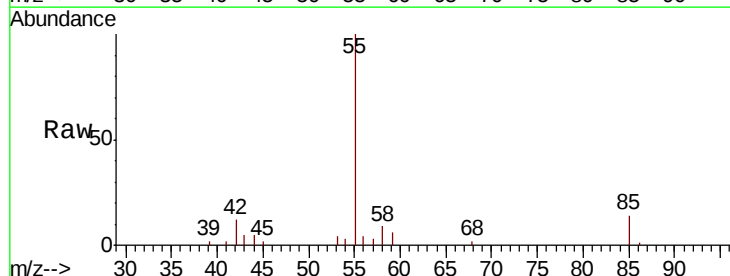
Instrument :
MSVOA_U
ClientSampled :

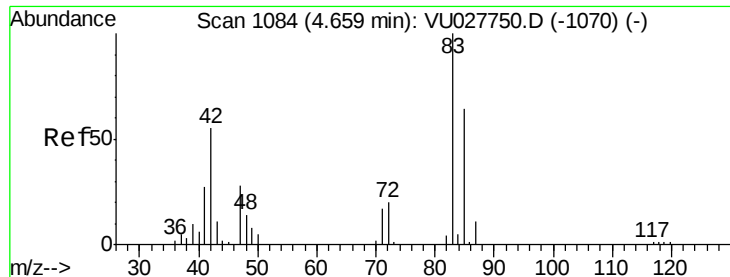
Tot Ion:	41	Resp:	16248
Ion	Ratio	Lower	Upper
41	100		
67	55.7	46.1	69.1
39	53.2	43.6	65.4
52	26.0	21.4	32.2



#40
Methyl acrylate
Concen: 10.419 ug/l
RT: 4.43 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion:	55	Resp:	21210
Ion	Ratio	Lower	Upper
55	100		
85	14.7	11.8	17.6
58	8.5	7.0	10.4
42	11.3	9.4	14.2





#41

Tetrahydrofuran

Concen: 19.216 ug/l

RT: 4.66 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

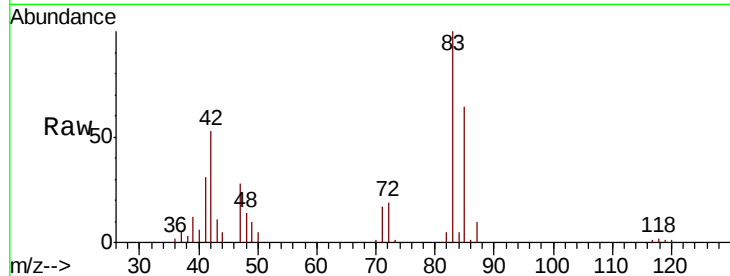
Tot Ion: 42 Resp: 16593

Ion Ratio Lower Upper

42 100

72 37.1 30.6 45.8

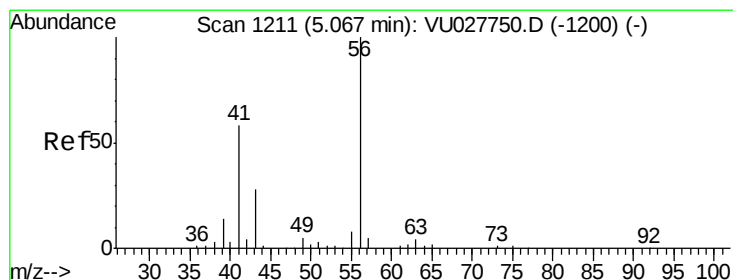
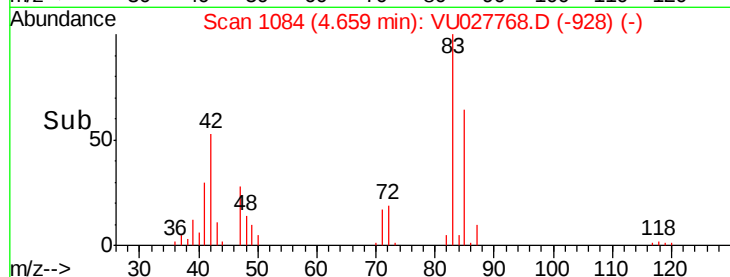
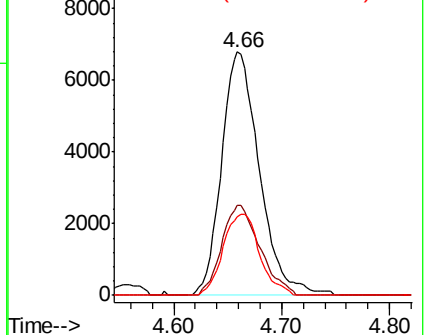
71 32.1 25.2 37.8



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



#42

1-Chlorobutane

Concen: 10.328 ug/l

RT: 5.07 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VU027768.D

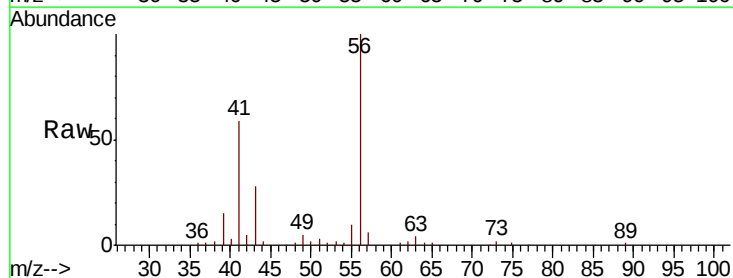
Acq: 23 Oct 2018 17:45

Tgt Ion: 56 Resp: 77864

Ion Ratio Lower Upper

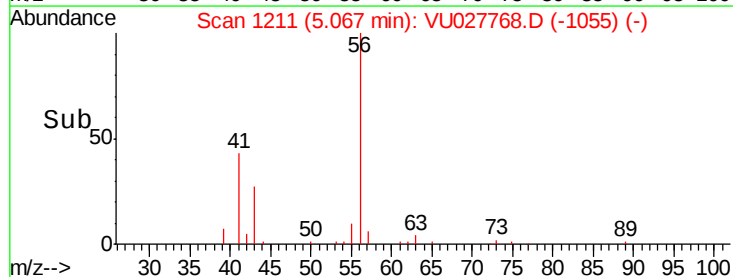
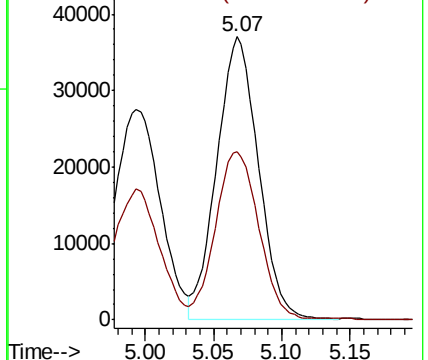
56 100

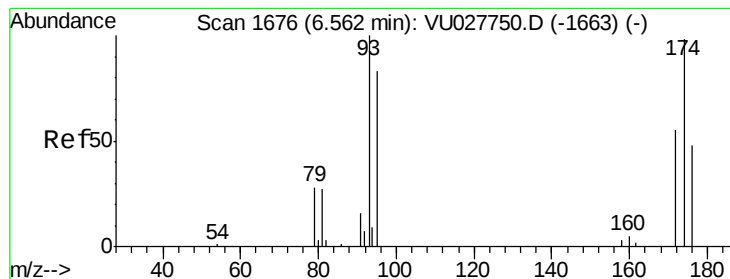
41 61.2 29.4 88.2



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.969 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampled :

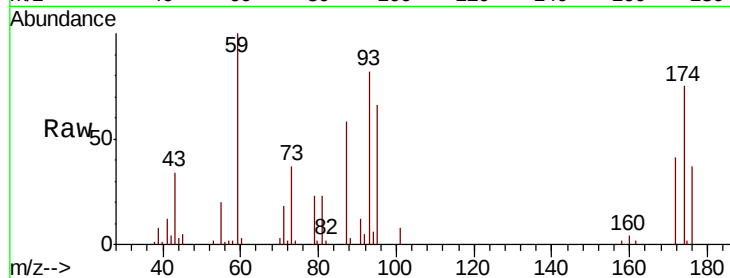
Tot Ion: 93 Resp: 18701

Ion Ratio Lower Upper

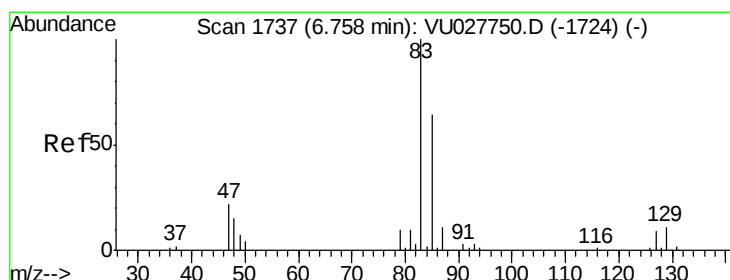
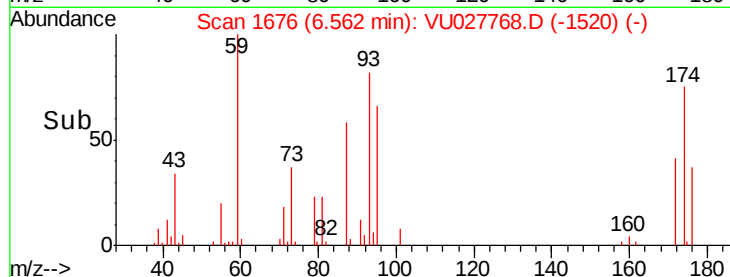
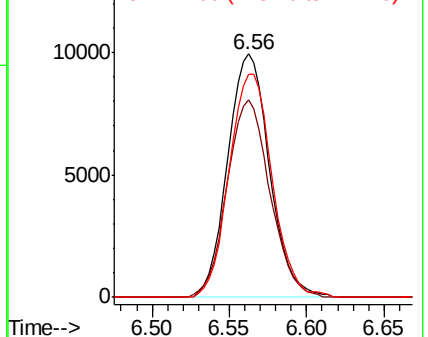
93 100

95 82.7 64.2 96.2

174 93.8 76.7 115.1



Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 10.711 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

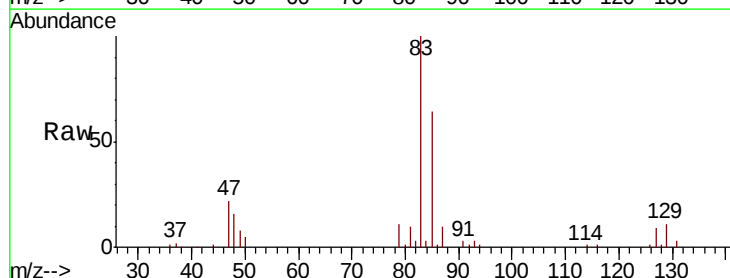
Tgt Ion: 83 Resp: 49574

Ion Ratio Lower Upper

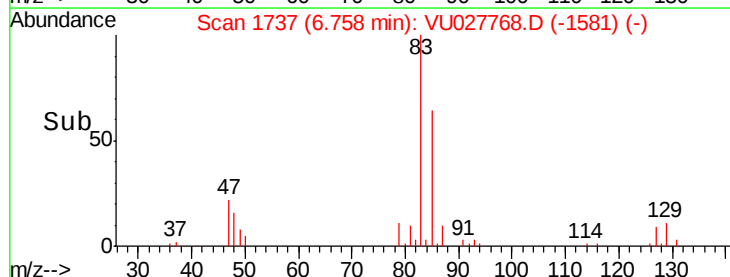
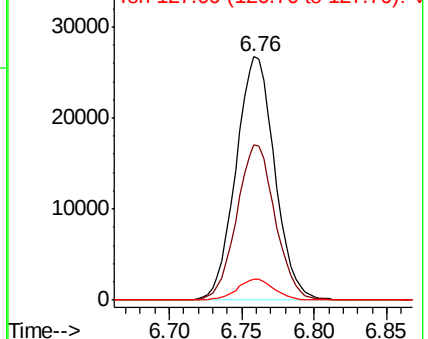
83 100

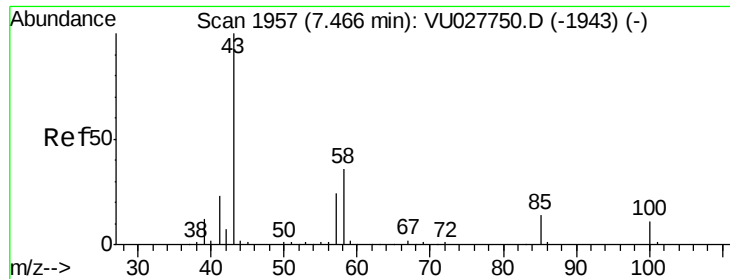
85 63.9 51.5 77.3

127 8.6 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





#45

4-Methyl-2-Pentanone

Concen: 53.336 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

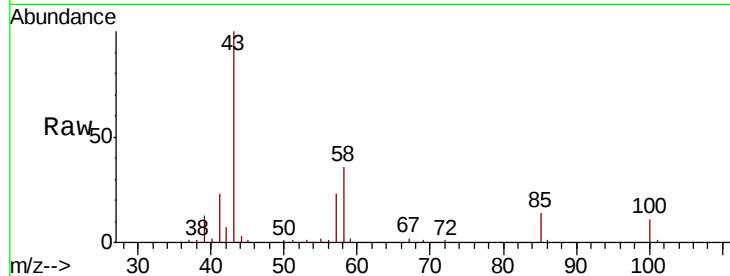
Tot Ion: 43 Resp: 147604

Ion Ratio Lower Upper

43 100

58 35.2 17.9 53.8

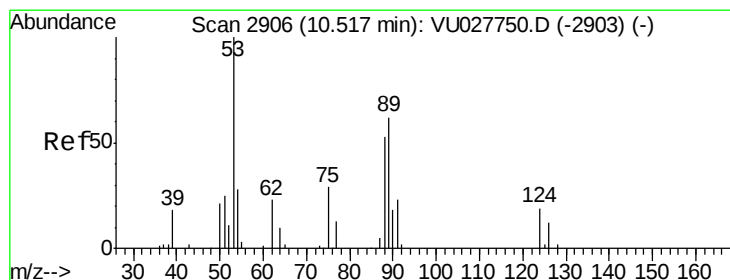
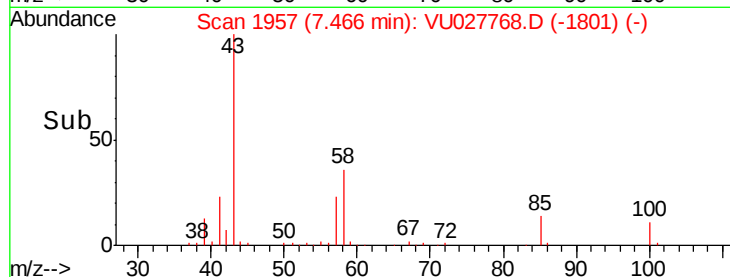
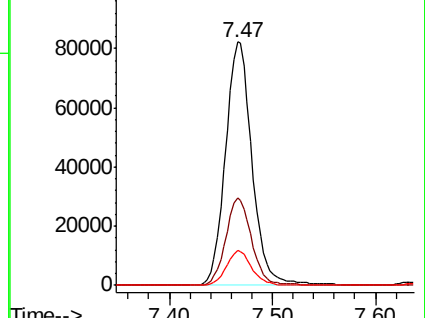
85 13.7 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VU027750.D (-1943) (-)

Ion 58.00 (57.70 to 58.70): VU027750.D (-1943) (-)

Ion 85.00 (84.70 to 85.70): VU027750.D (-1943) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 21.087 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. -0.02 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Tgt Ion: 75 Resp: 21039

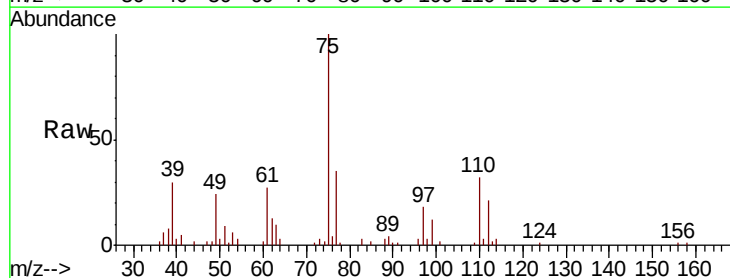
Ion Ratio Lower Upper

75 100

53 91.9 68.2 102.4

89 54.5 41.8 62.6

88 43.5 33.8 50.8

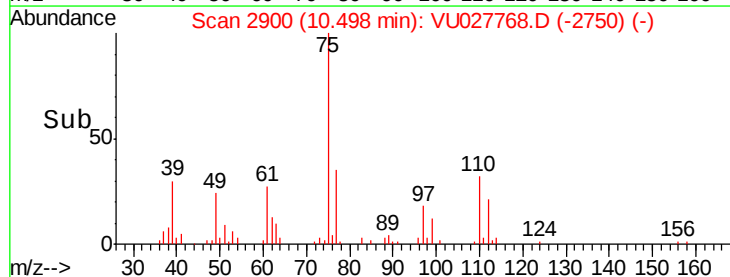
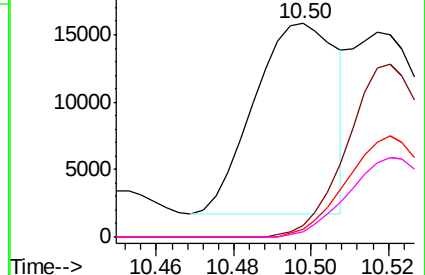


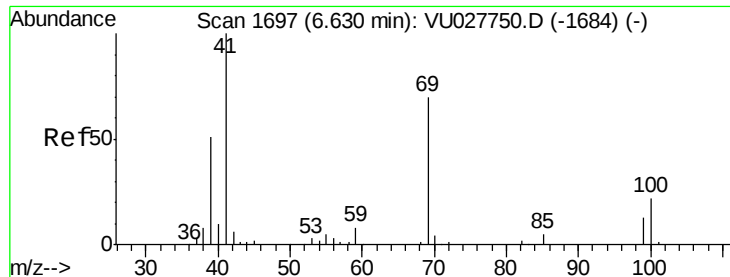
Abundance Ion 74.90 (74.60 to 75.60): VU027750.D (-2903) (-)

Ion 53.00 (52.70 to 53.70): VU027750.D (-2903) (-)

Ion 88.80 (88.50 to 89.50): VU027750.D (-2903) (-)

Ion 87.80 (87.50 to 88.50): VU027750.D (-2903) (-)

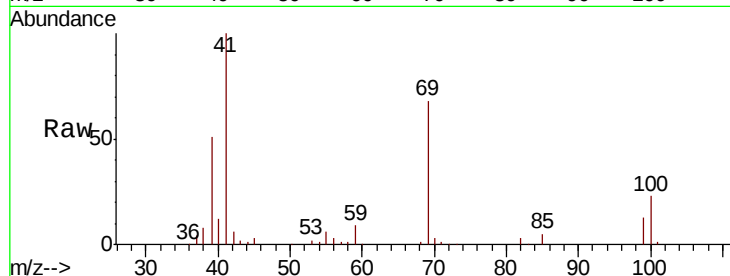




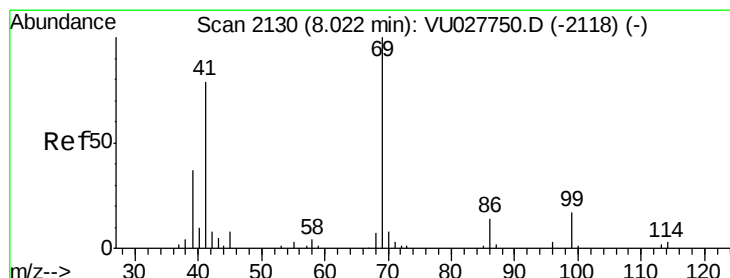
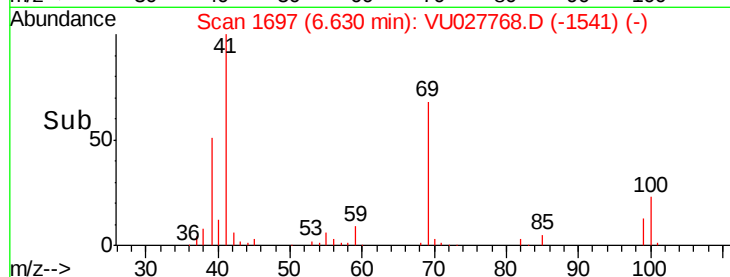
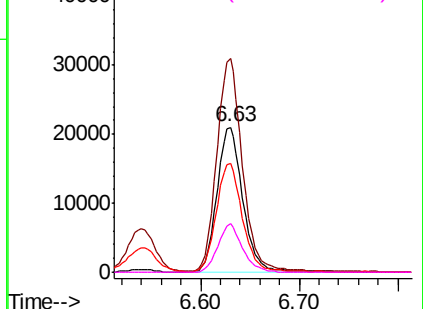
#47
Methyl methacrylate
Concen: 21.467 ug/l
RT: 6.63 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 38595
Ion Ratio Lower Upper
69 100
41 143.0 0.0 281.2
39 76.3 58.6 88.0
100 31.7 24.8 37.2

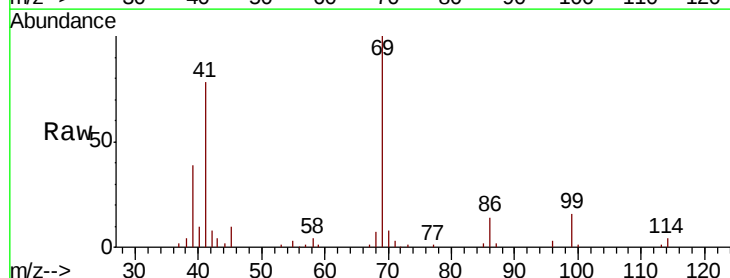


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

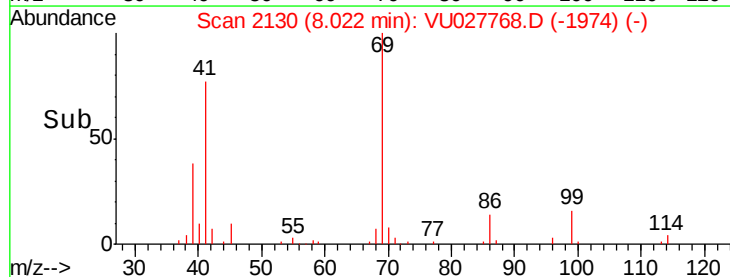
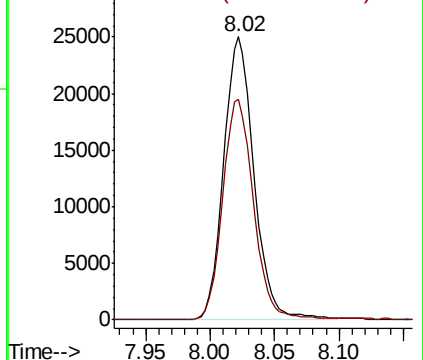


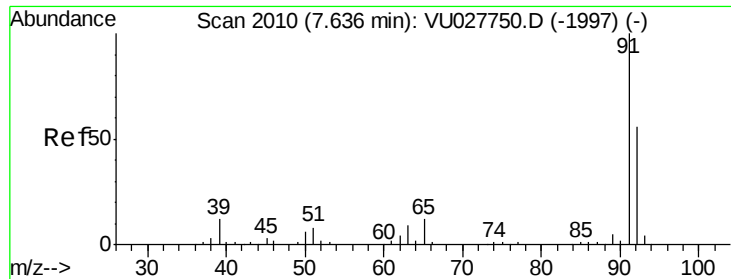
#48
Ethyl methacrylate
Concen: 10.931 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion: 69 Resp: 40848
Ion Ratio Lower Upper
69 100
41 79.4 39.1 117.2



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





#49

Toluene

Concen: 10.771 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

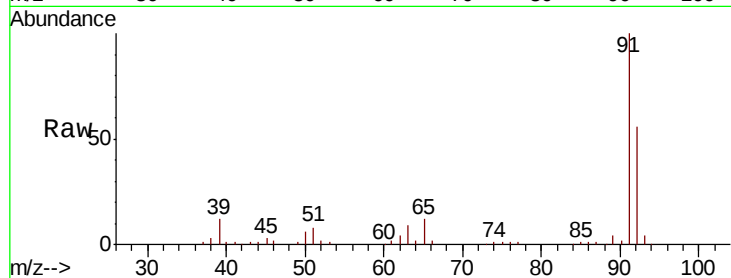
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 92 Resp: 85344

Ion Ratio Lower Upper

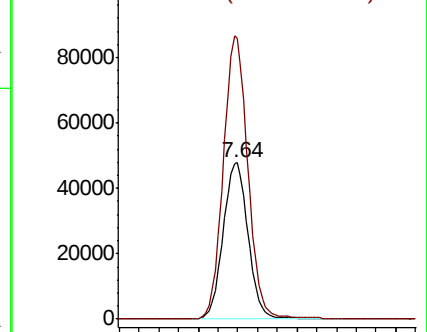
92 100

91 177.2 141.8 212.8

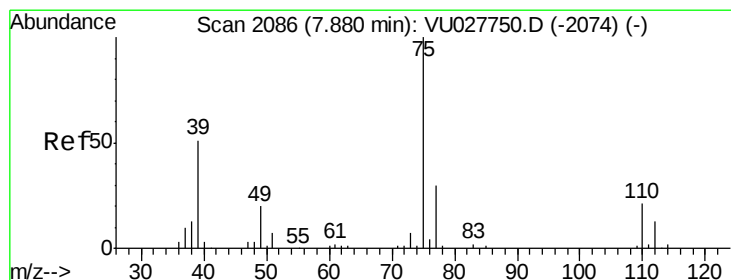
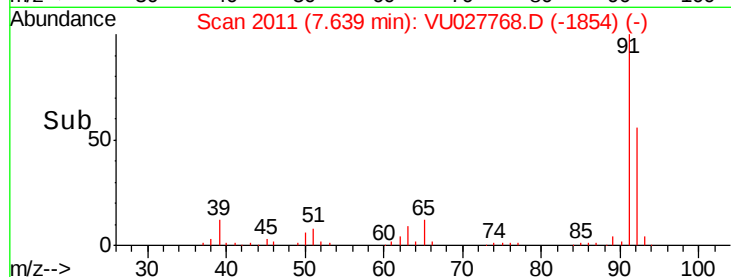


Abundance Ion 92.00 (91.70 to 92.70): VU027750.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU027750.D (-1997) (-)



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.948 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027768.D

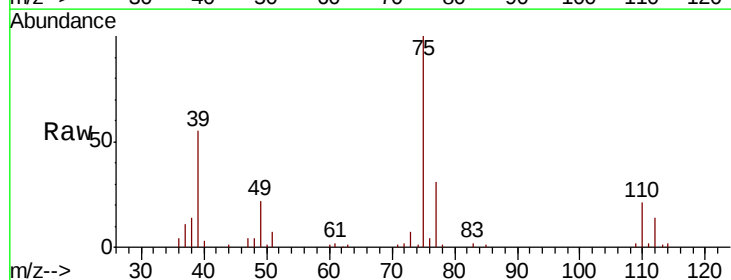
Acq: 23 Oct 2018 17:45

Tgt Ion: 75 Resp: 50494

Ion Ratio Lower Upper

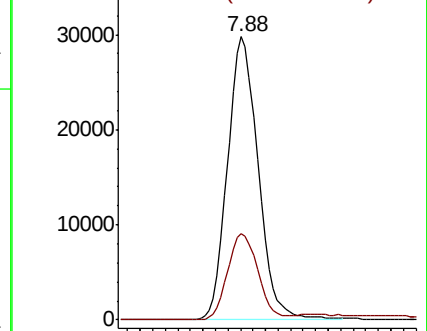
75 100

77 30.6 24.1 36.1

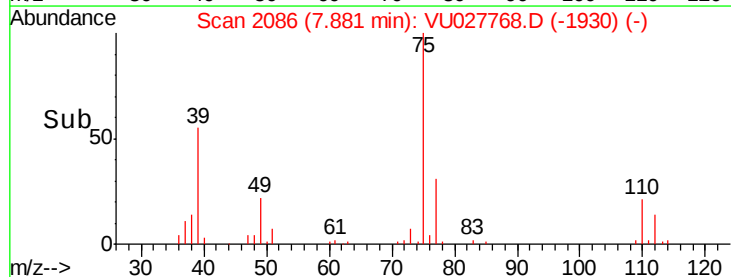


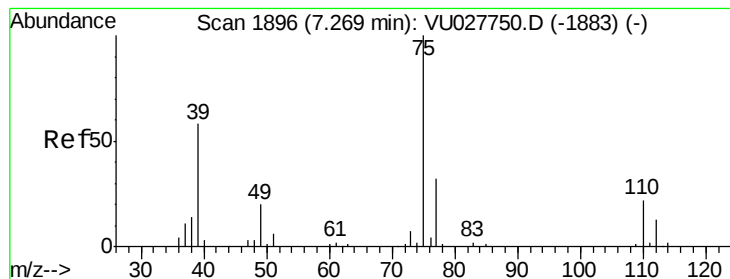
Abundance Ion 75.00 (74.70 to 75.70): VU027750.D (-2074) (-)

Ion 77.00 (76.70 to 77.70): VU027750.D (-2074) (-)



Time-->



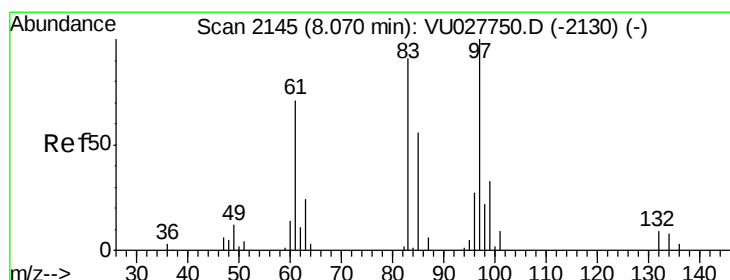
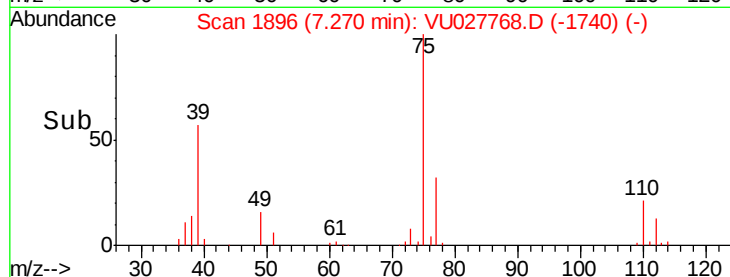
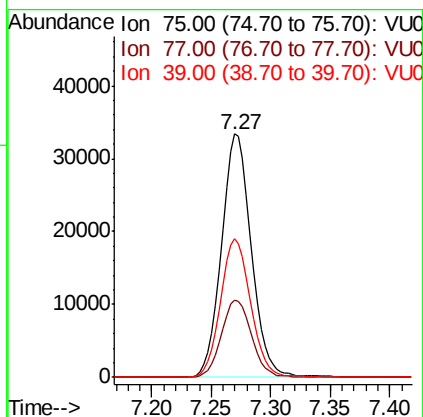
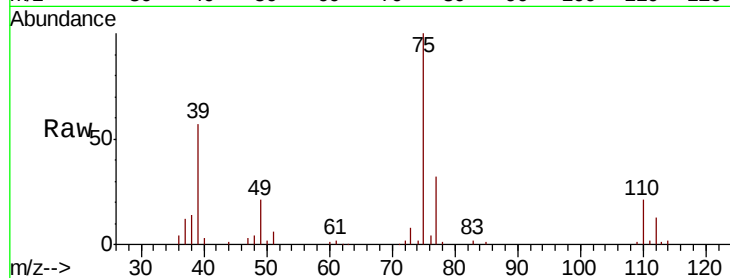


#51

cis-1,3-Dichloropropene
Concen: 10.659 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :

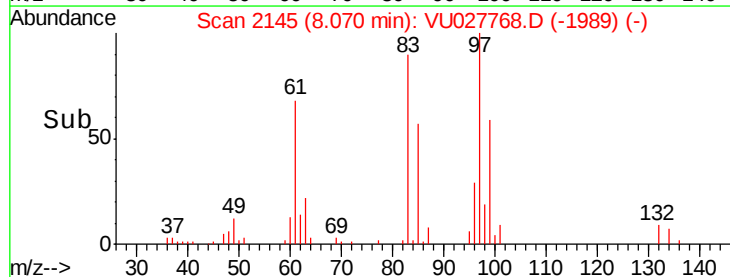
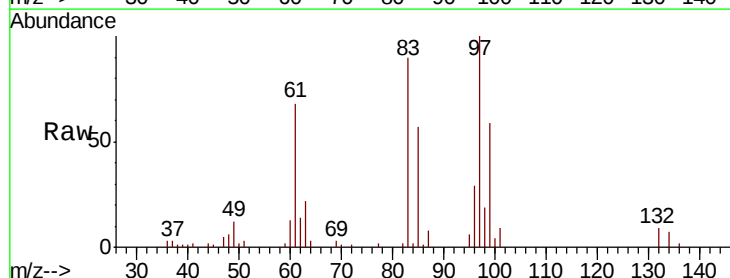
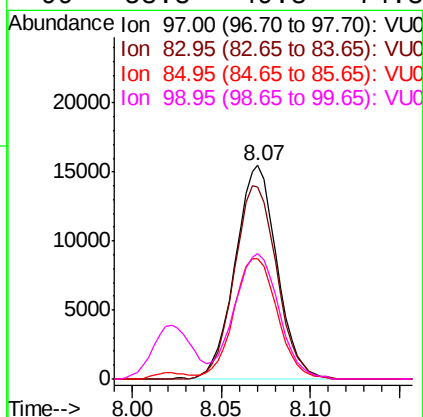
Tot Ion	75	Resp	57916
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.3	37.9
39	56.8	46.4	69.6

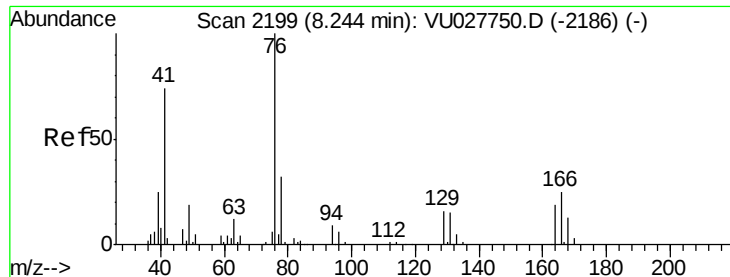


#52

1,1,2-Trichloroethane
Concen: 10.930 ug/l
RT: 8.07 min Scan# 2145
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion	97	Resp	25170
Ion	Ratio	Lower	Upper
97	100		
83	90.0	73.0	109.6
85	56.6	46.5	69.7
99	58.8	49.8	74.8

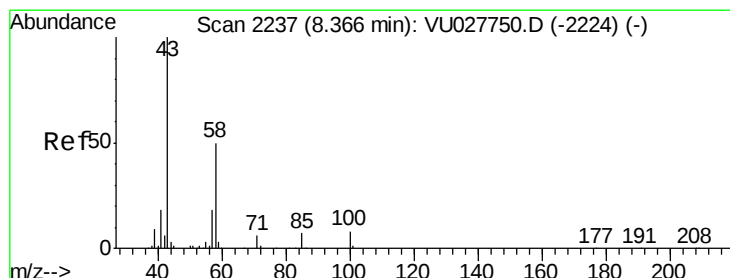
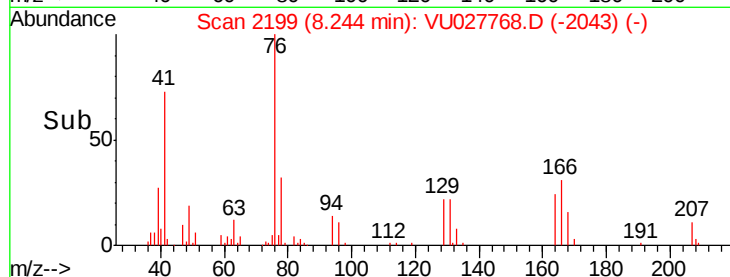
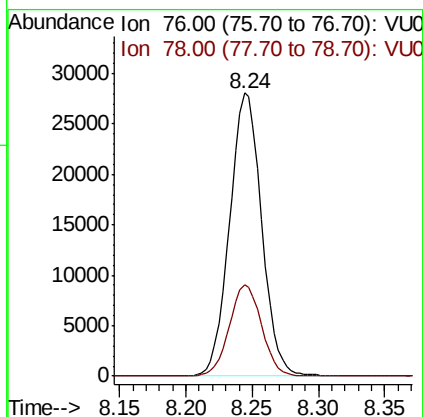
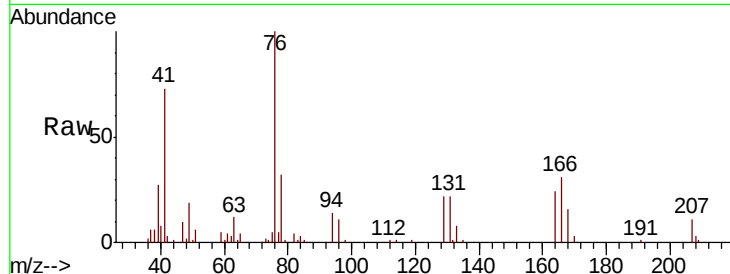




#53
 1,3-Dichloropropane
 Concen: 10.653 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

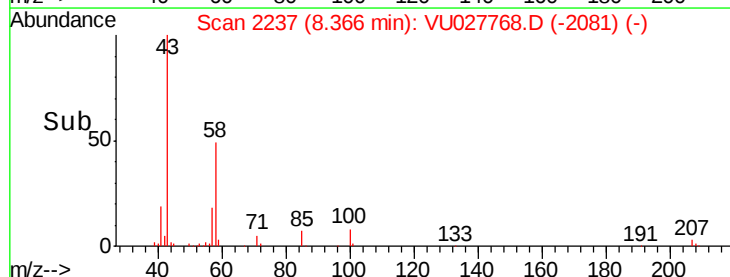
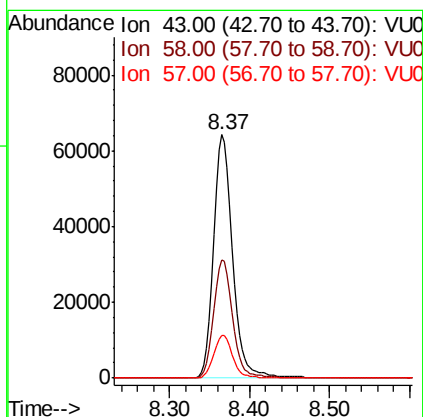
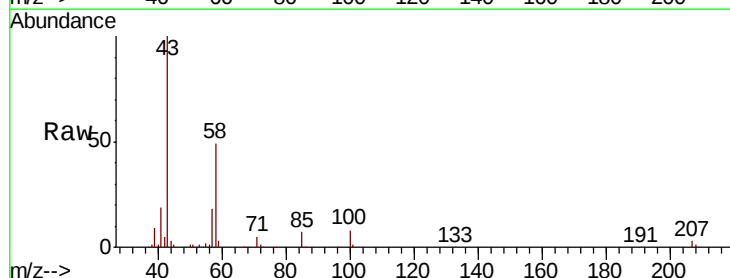
Instrument :
 MSVOA_U
 ClientSampled :

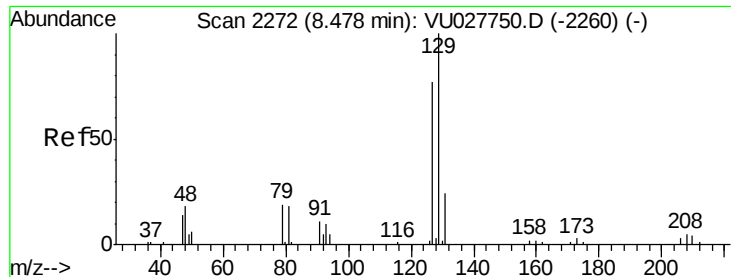
Tot Ion: 76 Resp: 47127
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.0



#54
 2-Hexanone
 Concen: 54.360 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion: 43 Resp: 107201
 Ion Ratio Lower Upper
 43 100
 58 48.4 30.0 70.0
 57 17.4 0.0 37.7





#55

Dibromochloromethane

Concen: 10.874 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

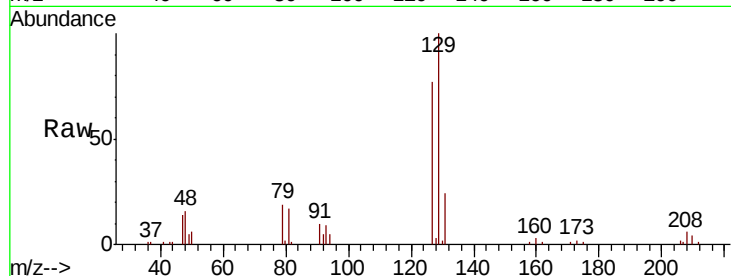
ClientSampleId :

Tot Ion:129 Resp: 31478

Ion Ratio Lower Upper

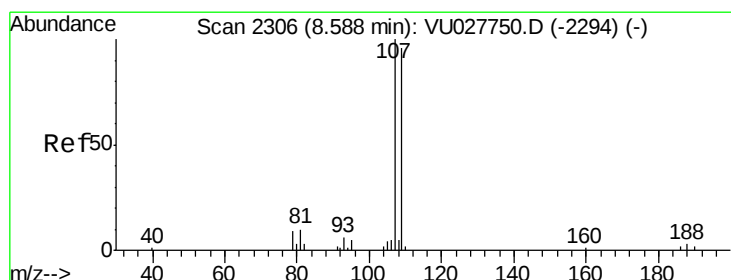
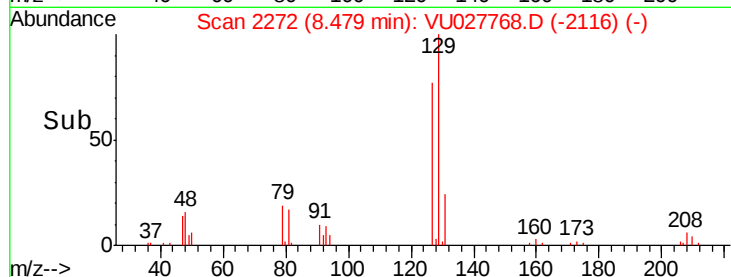
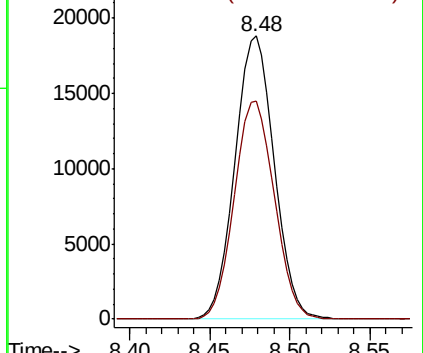
129 100

127 78.4 61.9 92.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.877 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027768.D

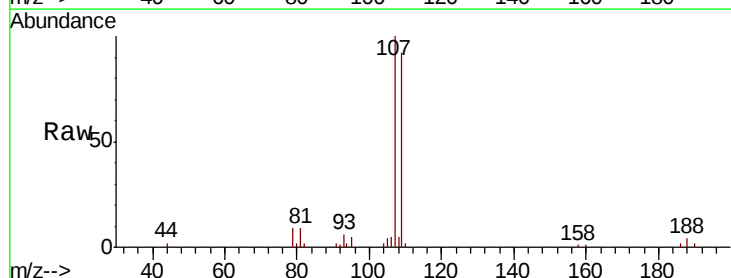
Acq: 23 Oct 2018 17:45

Tgt Ion:107 Resp: 24591

Ion Ratio Lower Upper

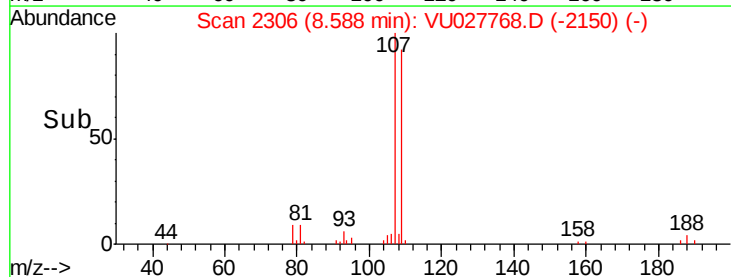
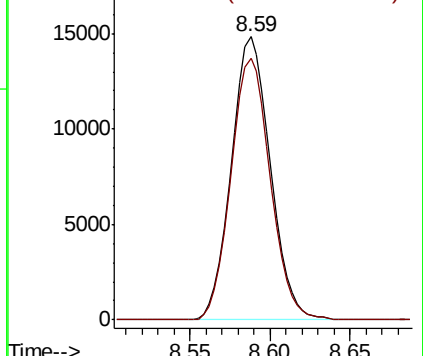
107 100

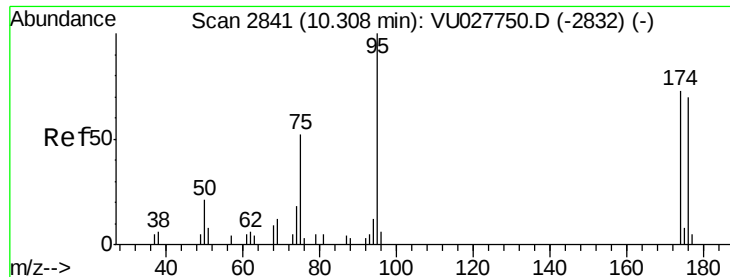
109 93.3 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

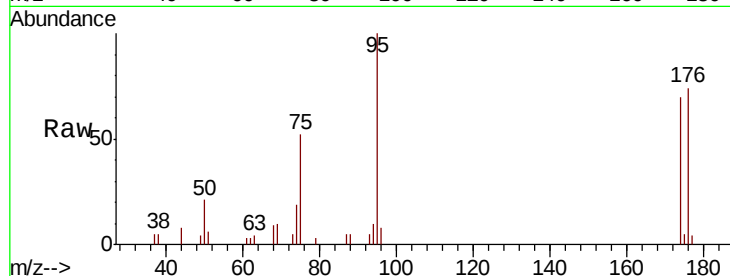




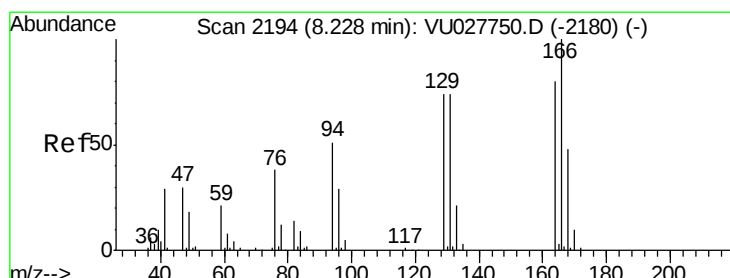
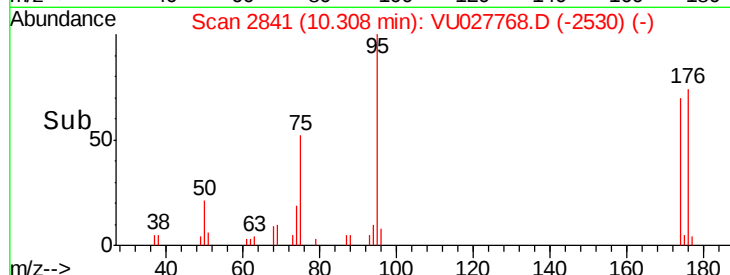
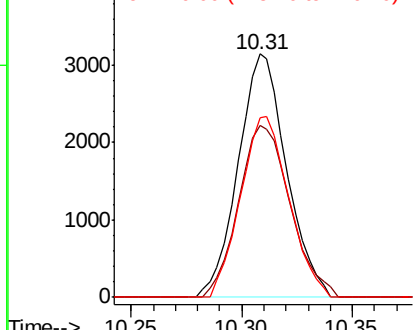
#57
4-Bromofluorobenzene
Concen: 10.877 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 95 Resp: 4774
Ion Ratio Lower Upper
95 100
174 75.5 64.5 96.7
176 74.3 58.3 87.5

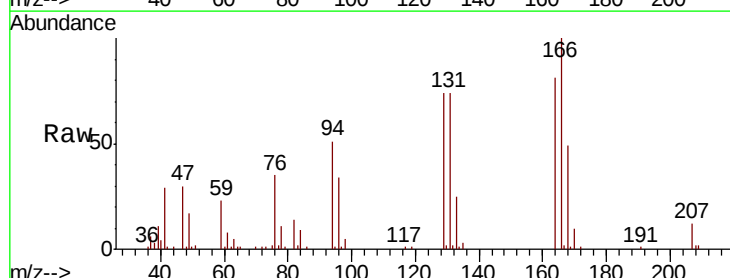


Abundance Ion 95.00 (94.70 to 95.70): VU027750.D (-2832) (-)
Ion 174.00 (173.70 to 174.70): VU027750.D (-2832) (-)
Ion 176.00 (175.70 to 176.70): VU027750.D (-2832) (-)

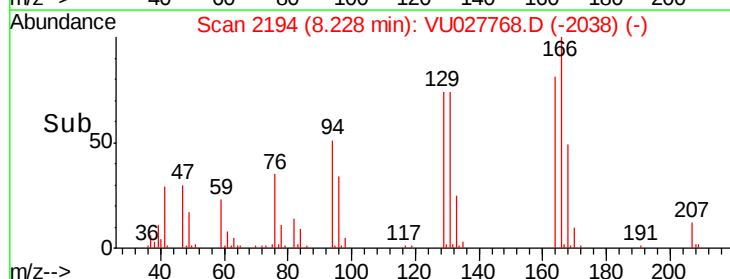
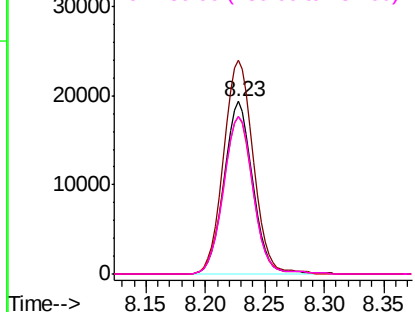


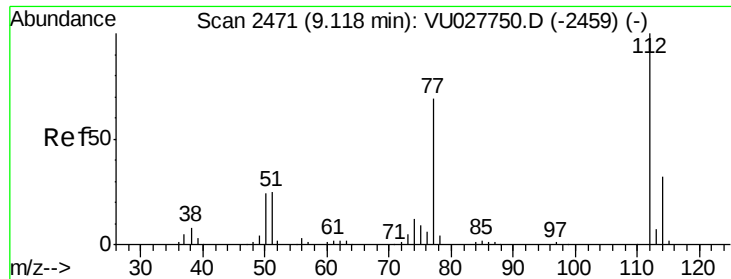
#58
Tetrachloroethene
Concen: 10.439 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion:164 Resp: 32437
Ion Ratio Lower Upper
164 100
166 123.9 100.2 150.4
129 91.2 73.7 110.5
131 91.4 73.8 110.6



Abundance Ion 163.85 (163.55 to 164.55): VU027750.D (-2180) (-)
Ion 165.80 (165.50 to 166.50): VU027750.D (-2180) (-)
Ion 128.90 (128.60 to 129.60): VU027750.D (-2180) (-)
Ion 130.90 (130.60 to 131.60): VU027750.D (-2180) (-)

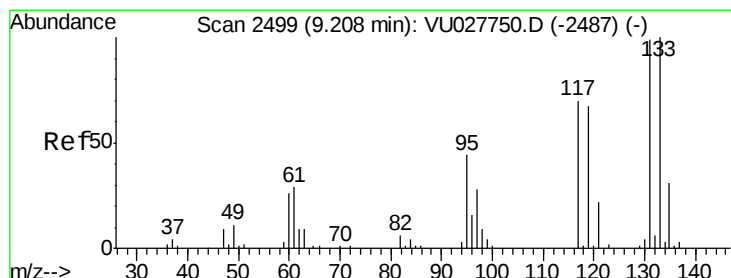
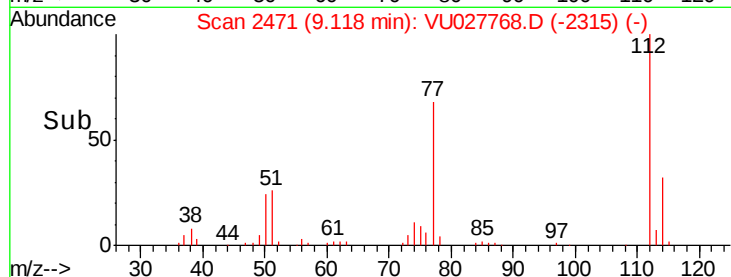
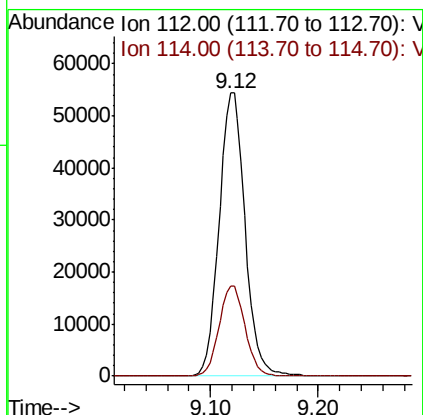
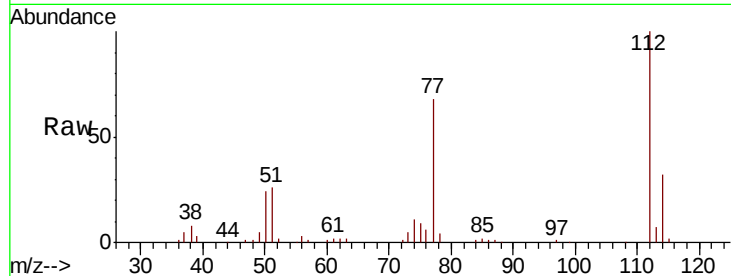




#59
Chlorobenzene
Concen: 10.708 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

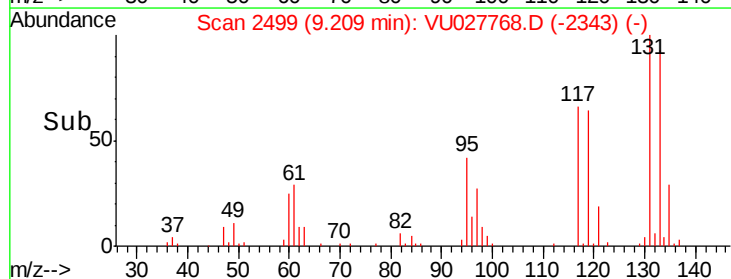
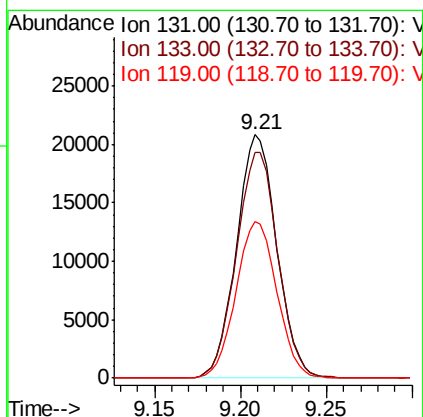
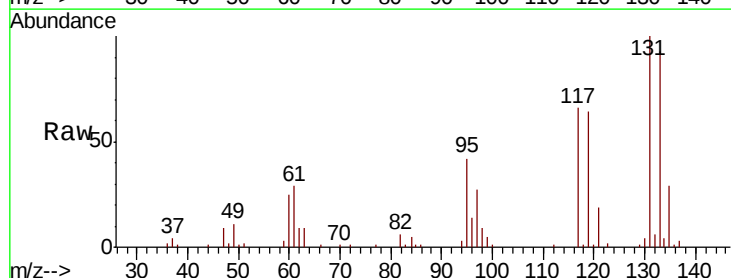
Instrument :
MSVOA_U
ClientSampleId :

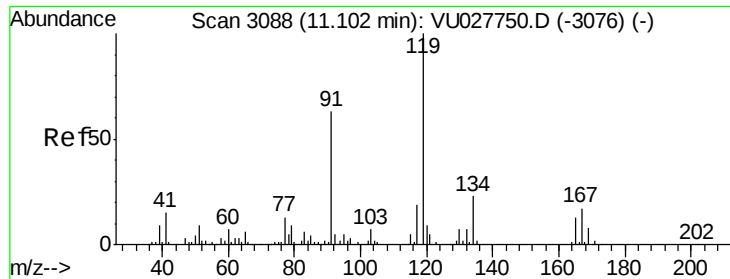
Tot Ion:112 Resp: 90934
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#60
1,1,1,2-Tetrachloroethane
Concen: 10.953 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion:131 Resp: 33810
Ion Ratio Lower Upper
131 100
133 95.6 77.5 116.3
119 65.4 52.0 78.0

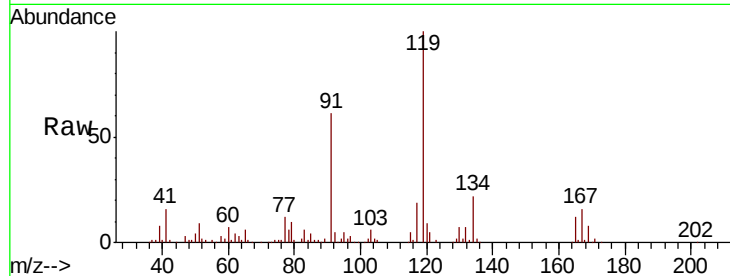




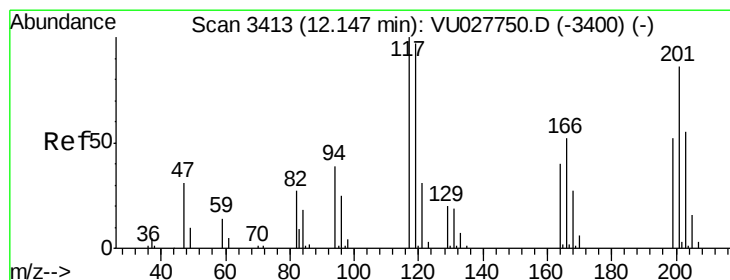
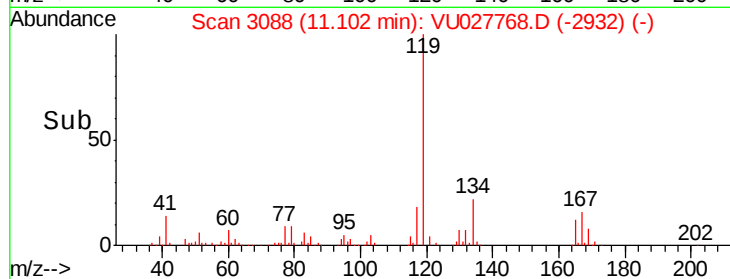
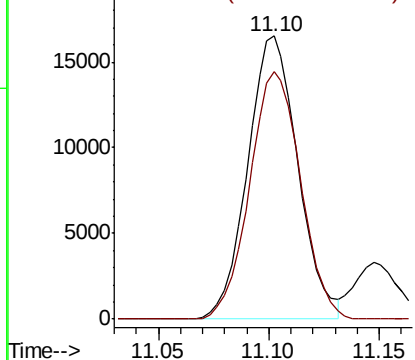
#61
Pentachloroethane
Concen: 11.333 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 26094
Ion Ratio Lower Upper
117 100
167 88.3 70.1 105.1

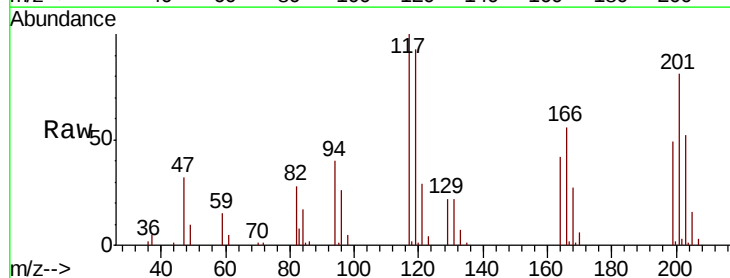


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 166.70 (166.40 to 167.40): V

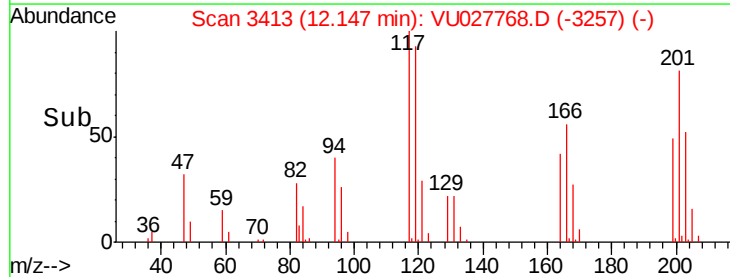
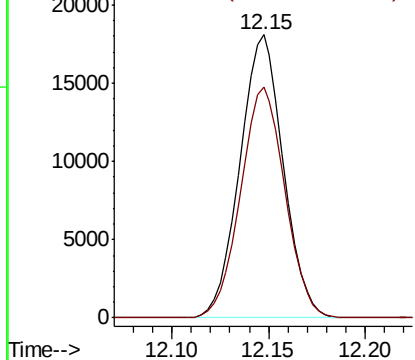


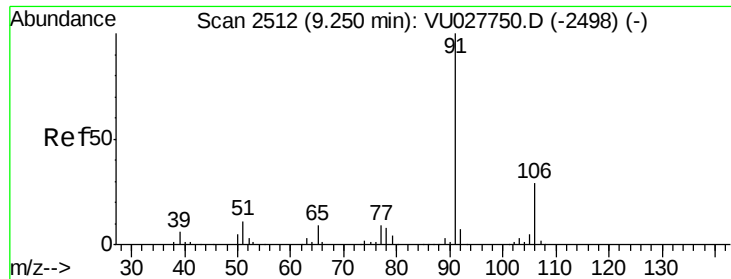
#62
Hexachloroethane
Concen: 11.150 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion:117 Resp: 28201
Ion Ratio Lower Upper
117 100
201 83.5 66.0 99.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.60 (200.30 to 201.30): V

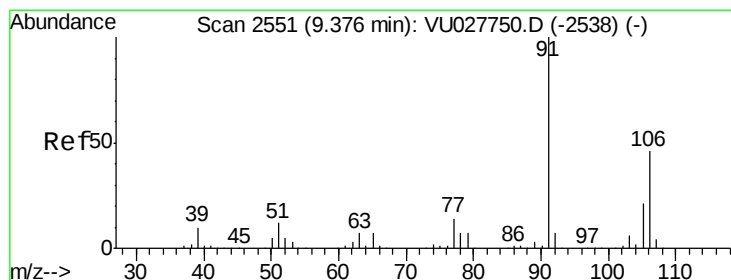
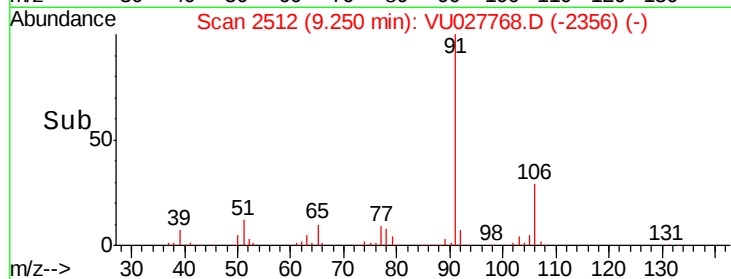
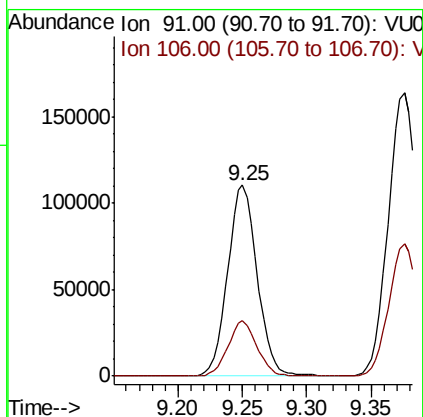
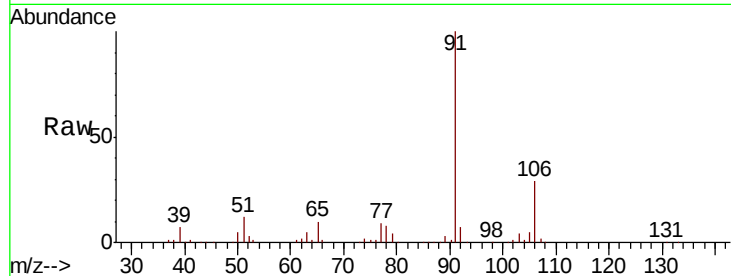




#63
Ethyl Benzene
Concen: 10.913 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

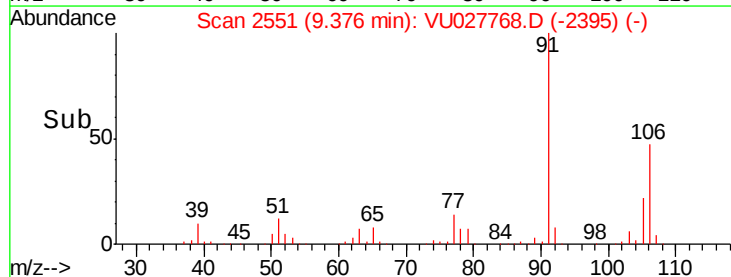
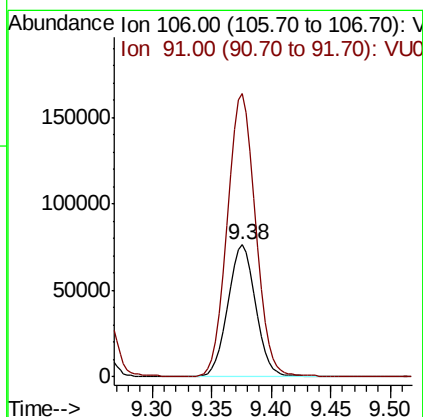
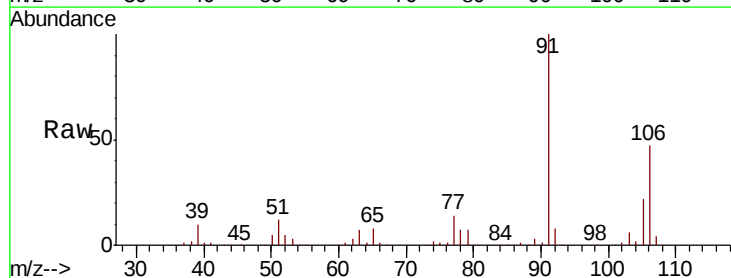
Instrument :
MSVOA_U
ClientSampled :

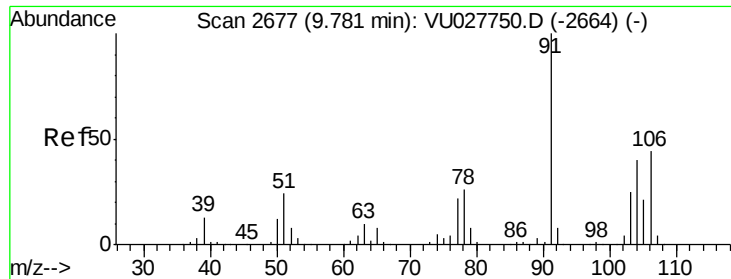
Tot Ion: 91 Resp: 175532
Ion Ratio Lower Upper
91 100
106 28.8 23.5 35.3



#64
m/p-Xylenes
Concen: 21.574 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion: 106 Resp: 123823
Ion Ratio Lower Upper
106 100
91 218.7 173.3 259.9

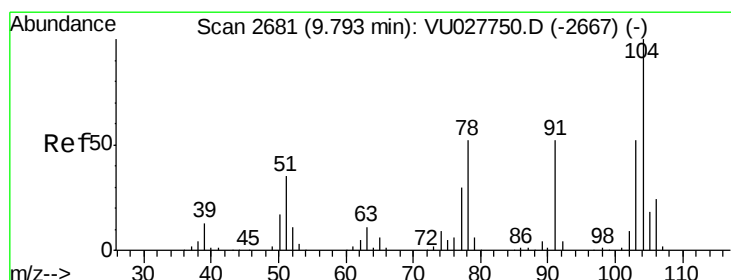
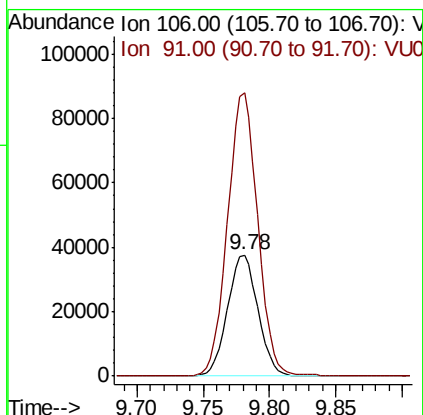
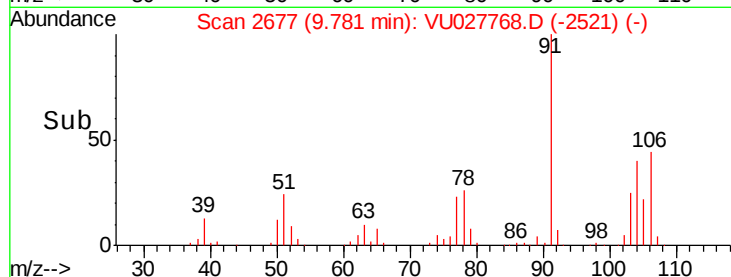
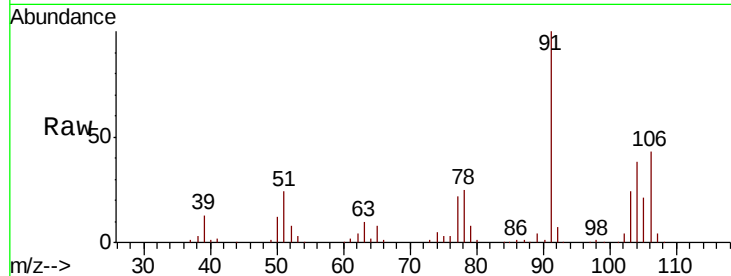




#65
o-Xylene
Concen: 10.569 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

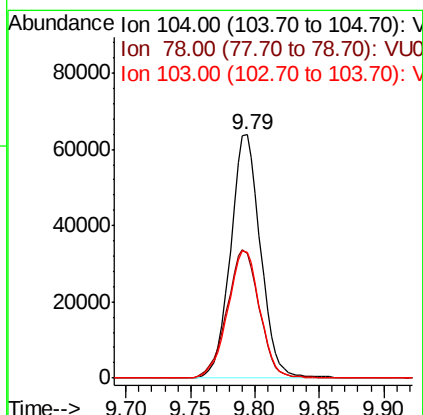
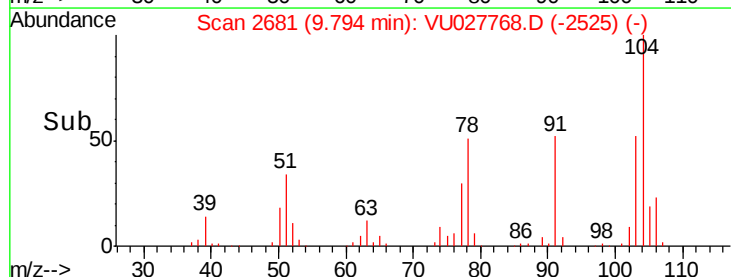
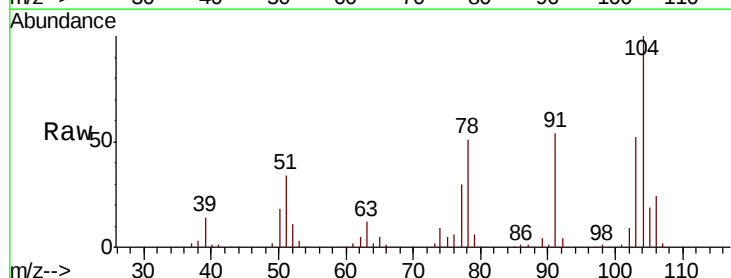
Instrument :
MSVOA_U
ClientSampled :

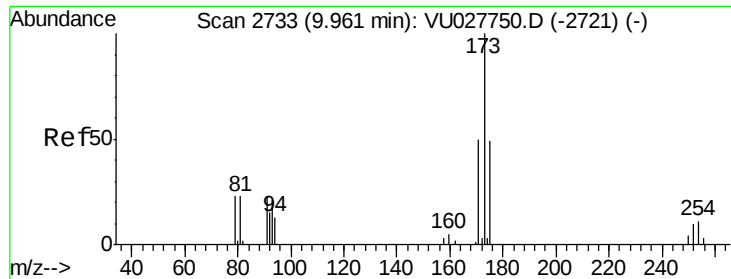
Tot Ion:106 Resp: 60144
Ion Ratio Lower Upper
106 100
91 231.4 113.4 340.2



#66
Styrene
Concen: 10.970 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion:104 Resp: 103009
Ion Ratio Lower Upper
104 100
78 57.0 45.2 67.8
103 55.9 44.8 67.2





#67

Bromoform

Concen: 10.919 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampled :

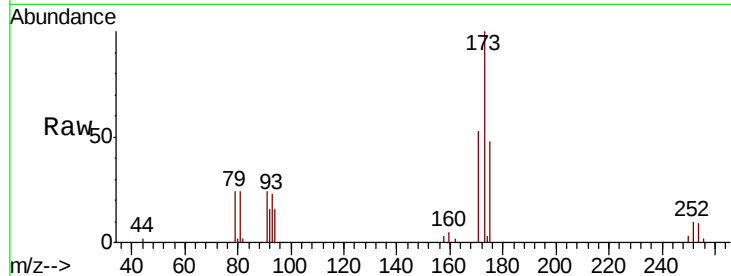
Tot Ion:173 Resp: 18293

Ion Ratio Lower Upper

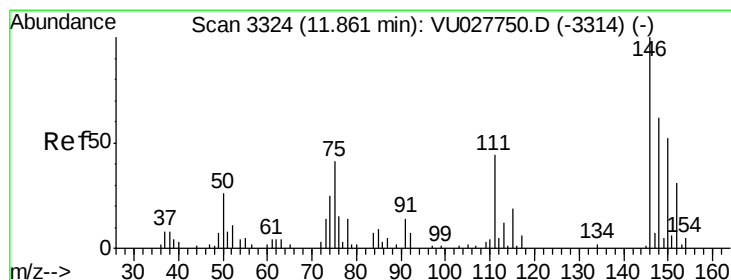
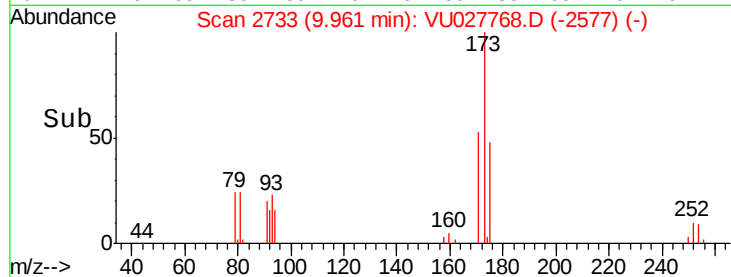
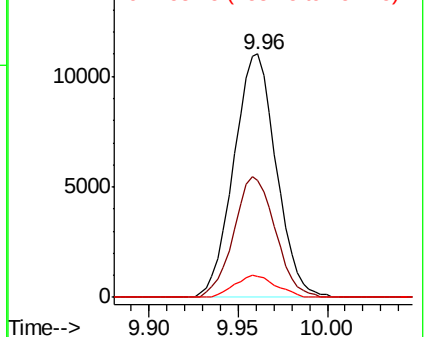
173 100

175 48.4 39.6 59.4

254 8.6 7.8 11.6



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 10.919 ug/l

RT: 11.86 min Scan# 3323

Delta R.T. -0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

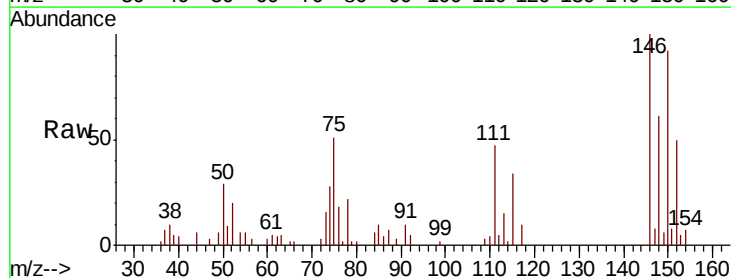
Tgt Ion:152 Resp: 4243

Ion Ratio Lower Upper

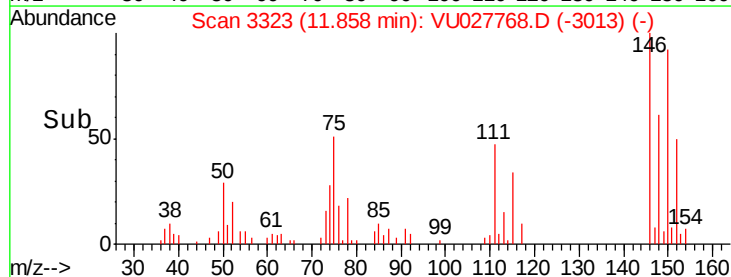
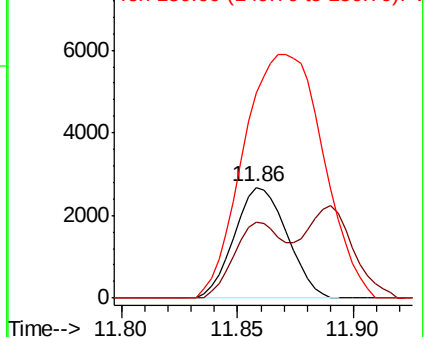
152 100

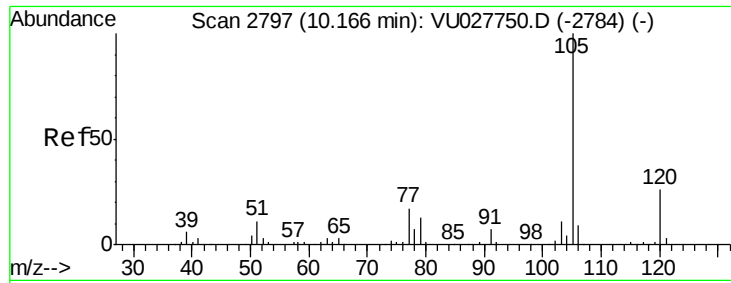
115 61.2 0.0 130.2

150 331.9 0.0 650.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.749 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

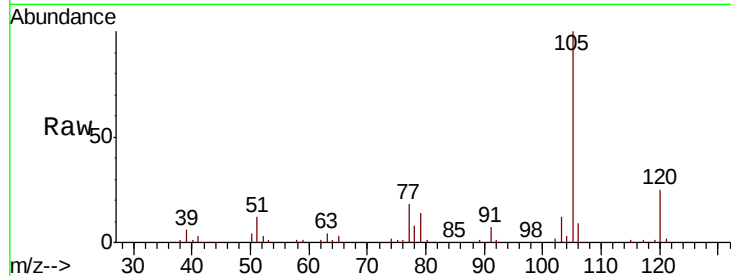
ClientSampleId :

Tot Ion:105 Resp: 167456

Ion Ratio Lower Upper

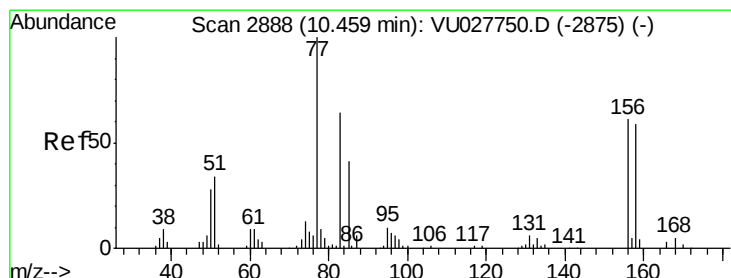
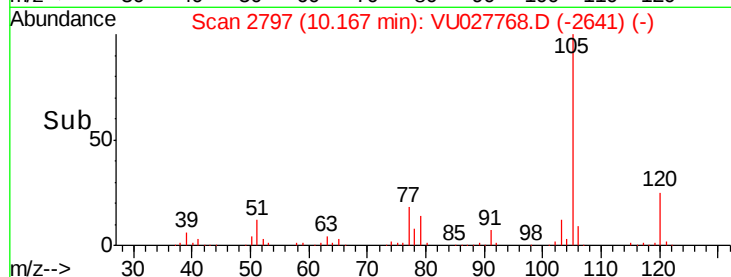
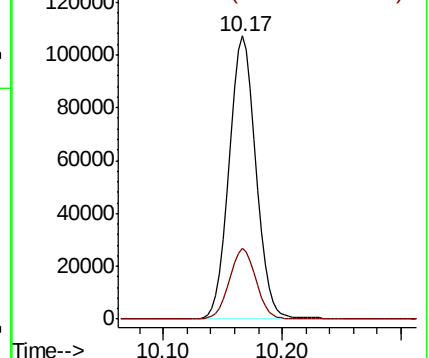
105 100

120 24.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.766 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

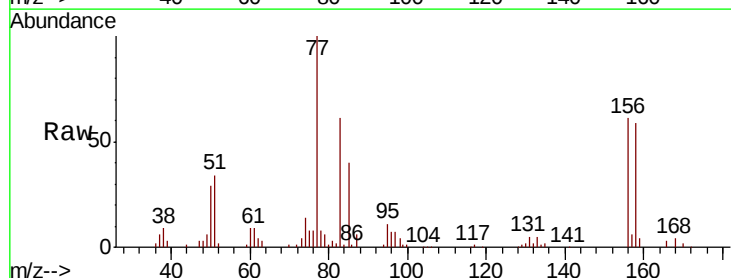
Tgt Ion: 83 Resp: 32953

Ion Ratio Lower Upper

83 100

131 8.7 7.7 11.5

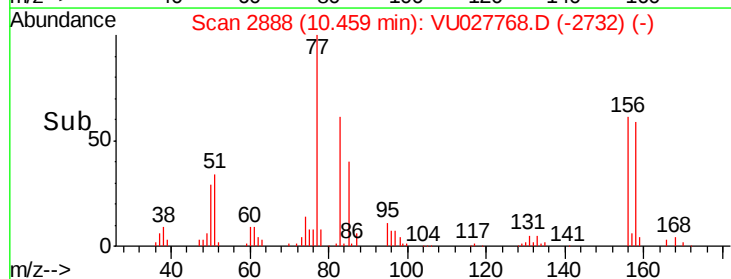
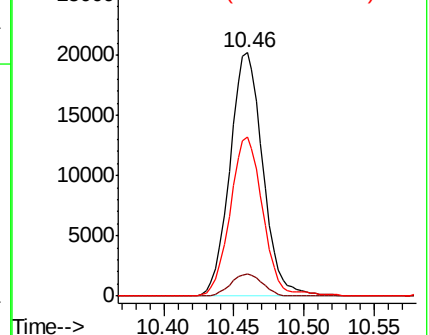
85 64.9 51.2 76.8

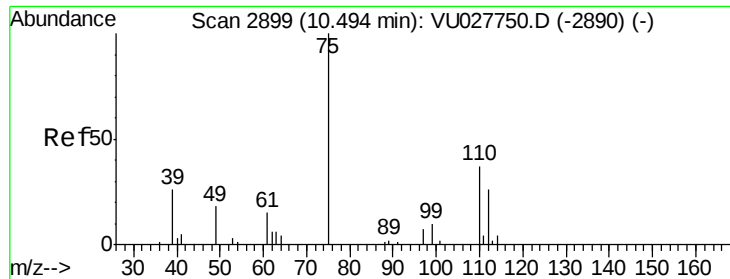


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

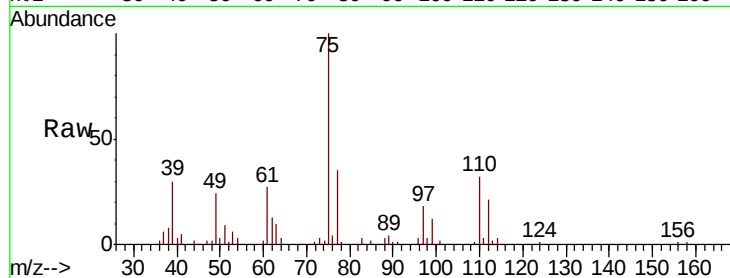




#71
 1,2,3-Trichloropropane
 Concen: 8.845 ug/l
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	21039
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	40.0	0.0	68.2
97	21.8	0.0	35.2



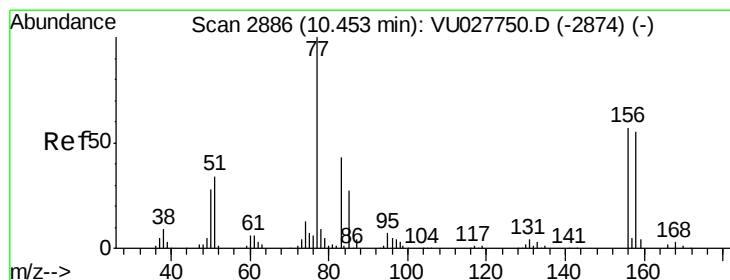
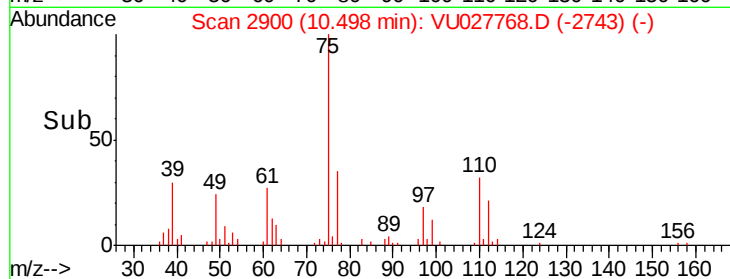
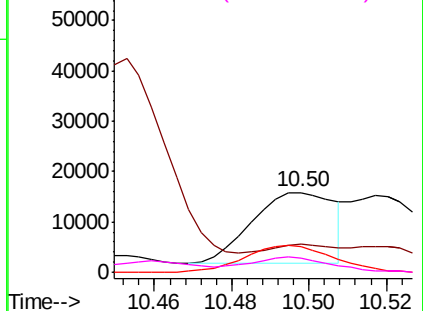
Abundance

Ion 75.00 (74.70 to 75.70): VU027750.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027750.D (-2890) (-)

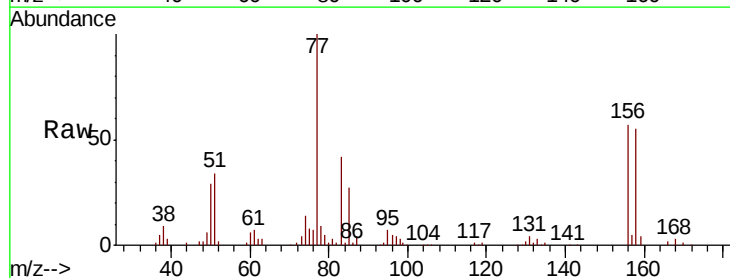
Ion 110.00 (109.70 to 110.70): VU027750.D (-2890) (-)

Ion 97.00 (96.70 to 97.70): VU027750.D (-2890) (-)



#72
 Bromobenzene
 Concen: 11.078 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion:	156	Resp:	38456
Ion	Ratio	Lower	Upper
156	100		
77	175.4	0.0	349.4
158	96.0	0.0	191.4

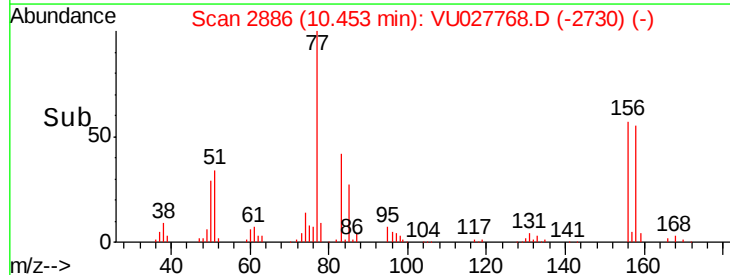
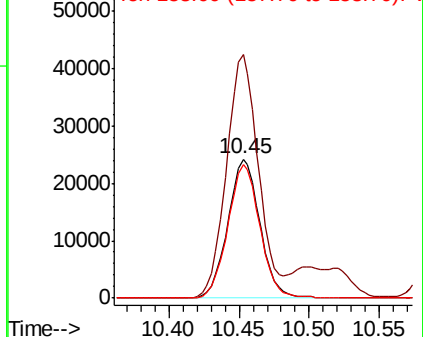


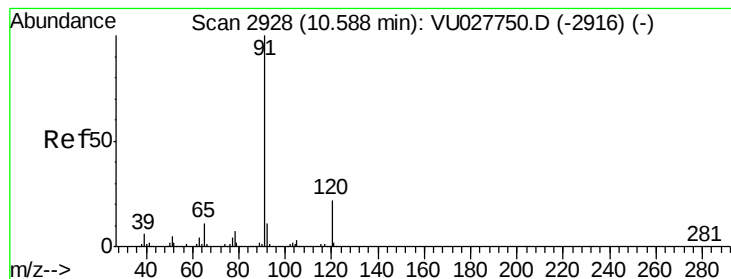
Abundance

Ion 156.00 (155.70 to 156.70): VU027750.D (-2874) (-)

Ion 77.00 (76.70 to 77.70): VU027750.D (-2874) (-)

Ion 158.00 (157.70 to 158.70): VU027750.D (-2874) (-)





#73

n-propylbenzene

Concen: 10.992 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

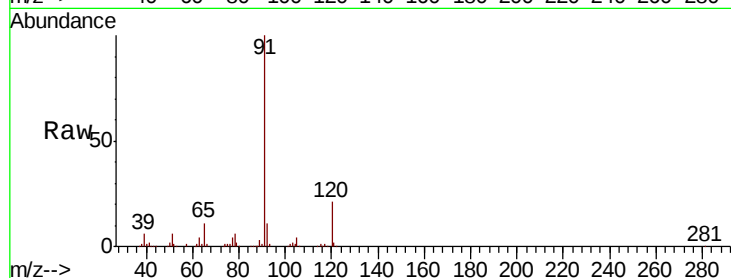
ClientSampled :

Tot Ion:120 Resp: 44163

Ion Ratio Lower Upper

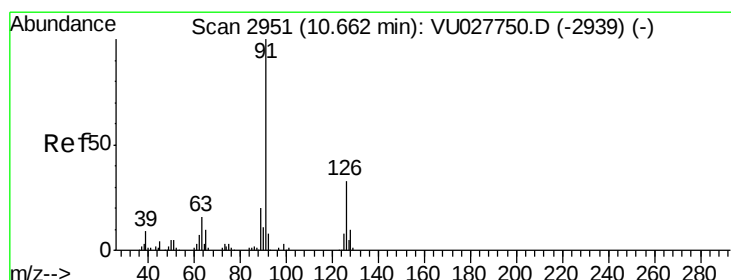
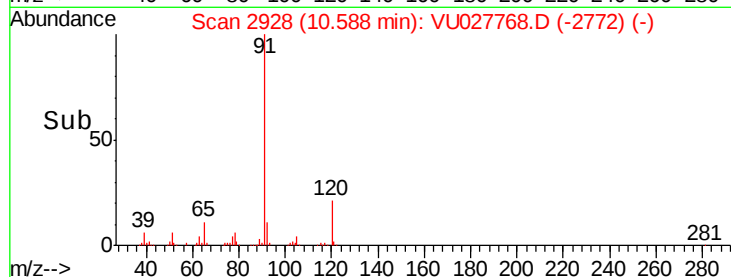
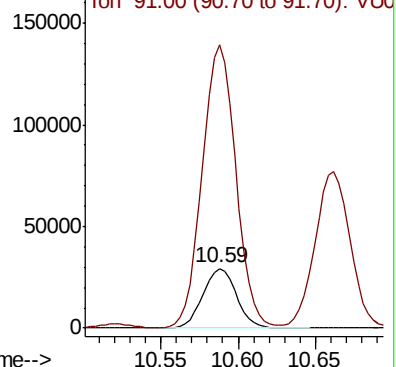
120 100

91 473.8 369.0 553.6



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.878 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027768.D

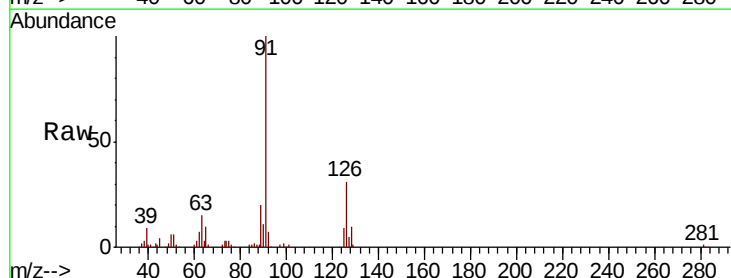
Acq: 23 Oct 2018 17:45

Tgt Ion:126 Resp: 37428

Ion Ratio Lower Upper

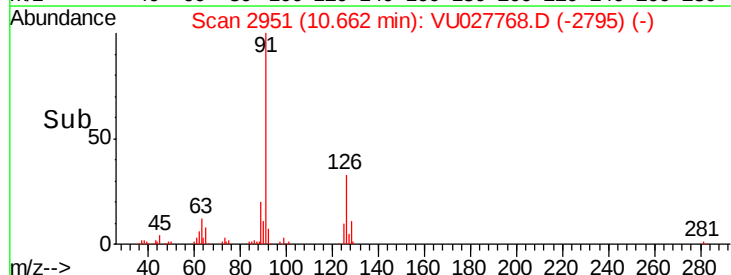
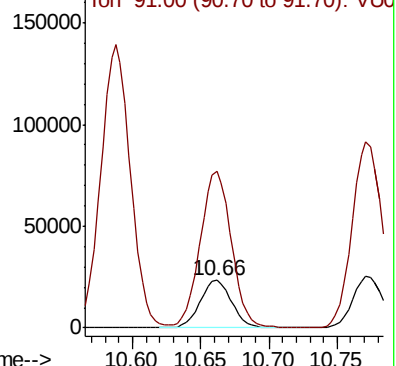
126 100

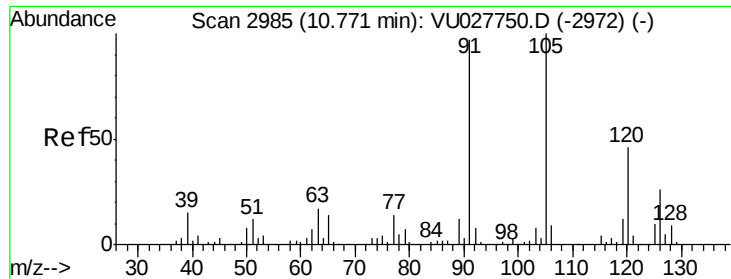
91 323.0 0.0 628.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.935 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

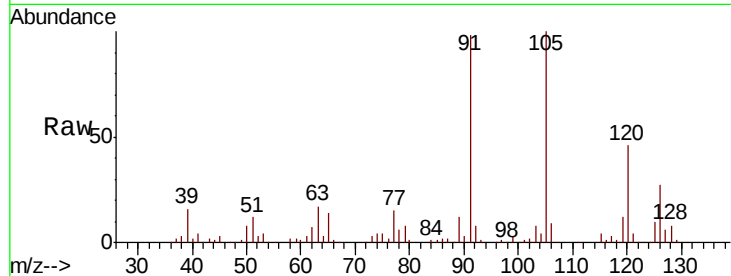
ClientSampleId :

Tot Ion:105 Resp: 142149

Ion Ratio Lower Upper

105 100

120 45.8 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

80000

60000

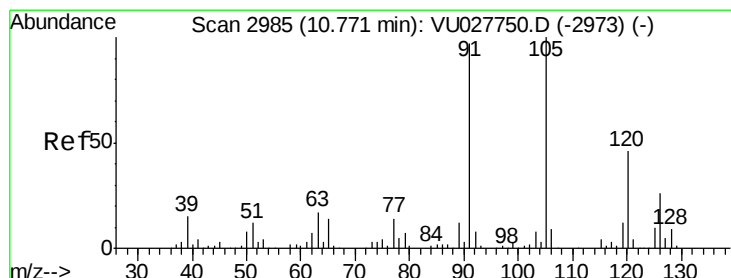
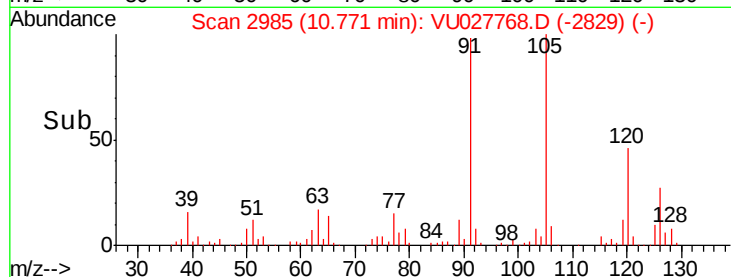
40000

20000

0

10.70 10.80

Time-->



#76

4-Chlorotoluene

Concen: 11.298 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027768.D

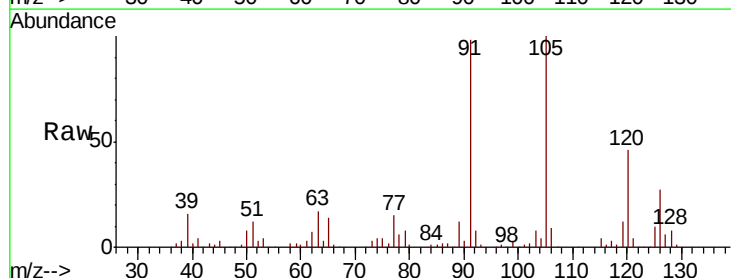
Acq: 23 Oct 2018 17:45

Tgt Ion:126 Resp: 39391

Ion Ratio Lower Upper

126 100

91 360.9 0.0 734.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

80000

60000

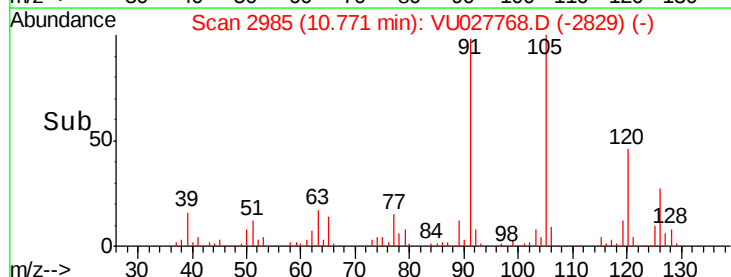
40000

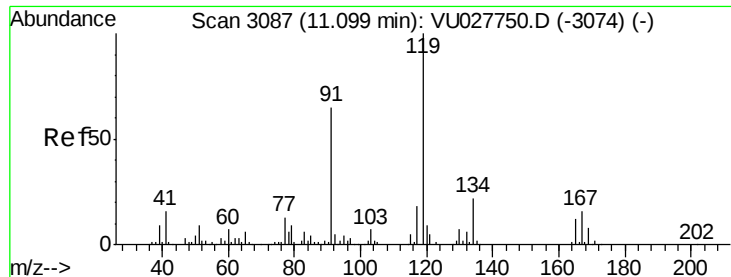
20000

0

10.70 10.75 10.80 10.85

Time-->





#77

tert-Butylbenzene

Concen: 10.908 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampled :

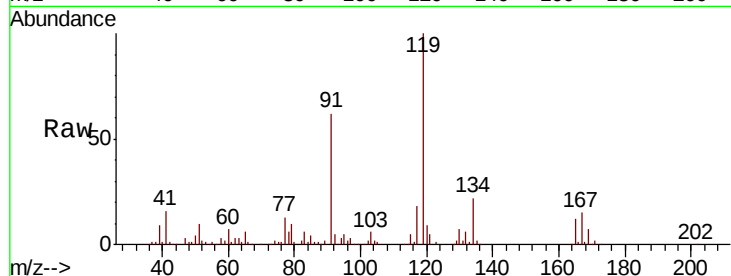
Tot Ion:119 Resp: 139466

Ion Ratio Lower Upper

119 100

91 62.3 31.8 95.4

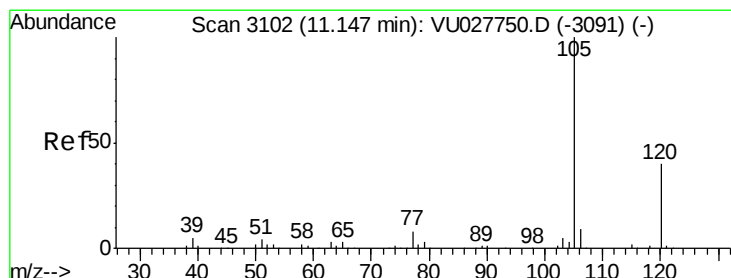
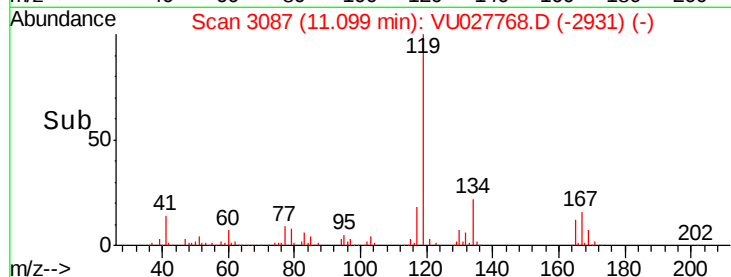
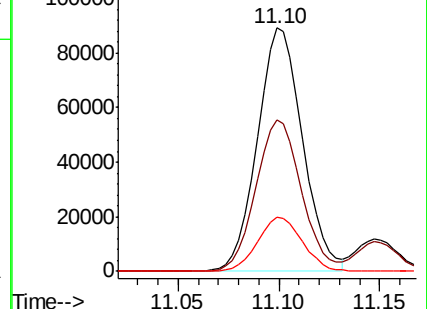
134 22.0 17.7 26.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 11.159 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU027768.D

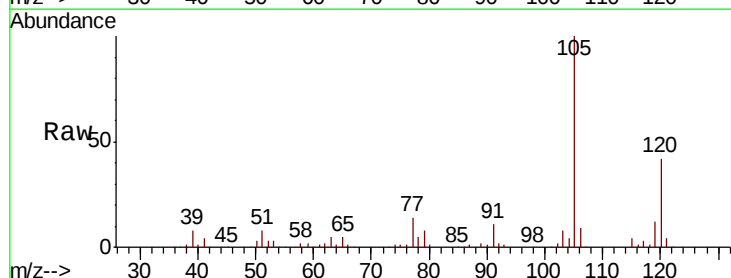
Acq: 23 Oct 2018 17:45

Tgt Ion:105 Resp: 149032

Ion Ratio Lower Upper

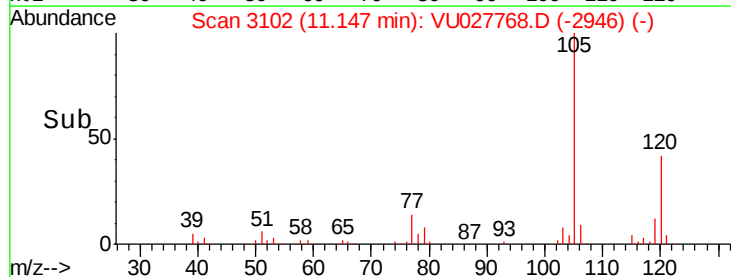
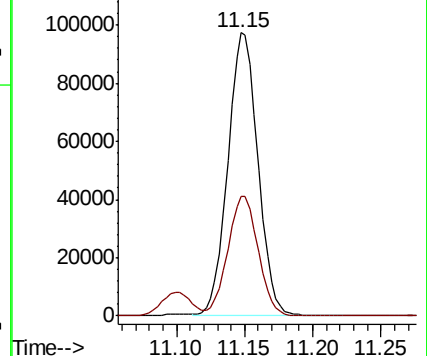
105 100

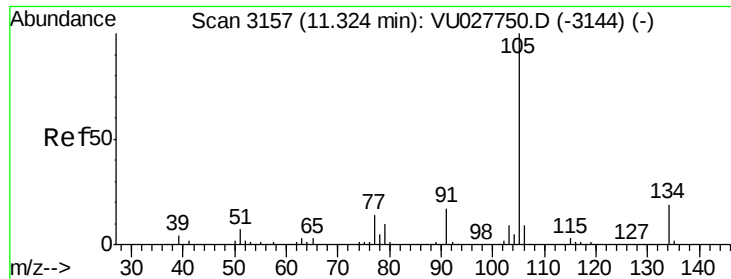
120 42.6 21.6 64.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 11.049 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

Instrument :

MSVOA_U

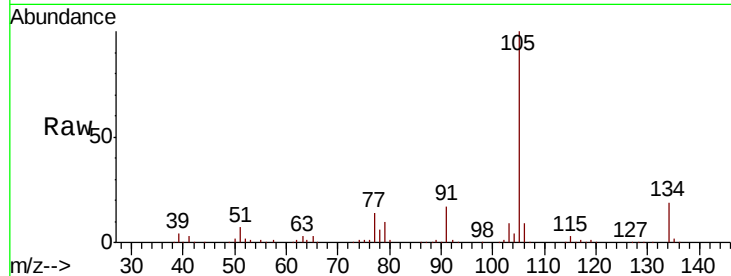
ClientSampled :

Tot Ion: 105 Resp: 187086

Ion Ratio Lower Upper

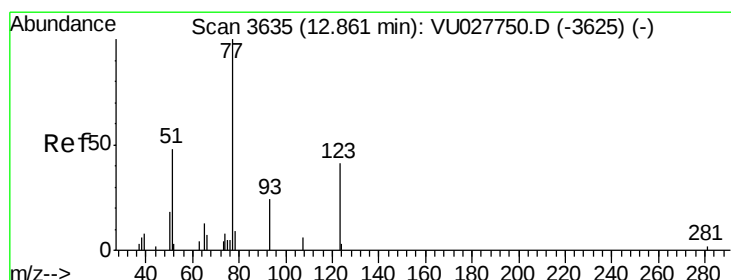
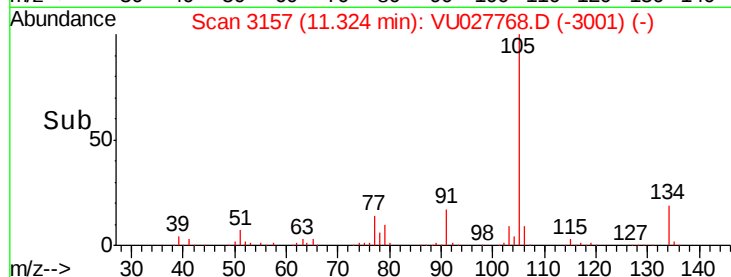
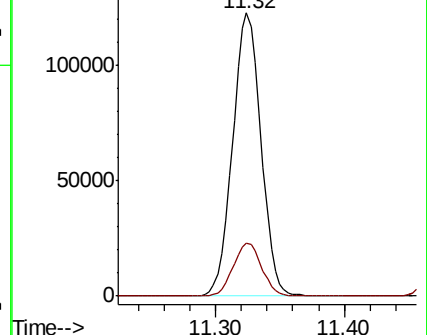
105 100

134 18.9 15.2 22.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 53.779 ug/l

RT: 12.86 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU027768.D

Acq: 23 Oct 2018 17:45

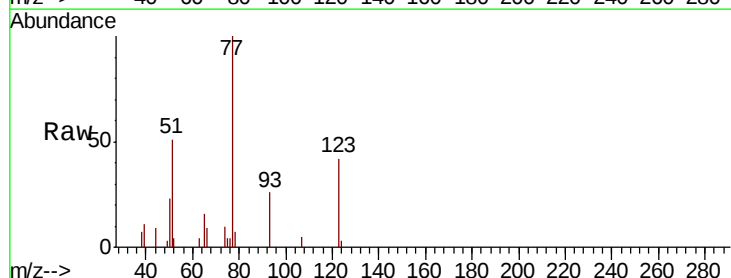
Tgt Ion: 77 Resp: 6084

Ion Ratio Lower Upper

77 100

123 38.2 16.9 59.9

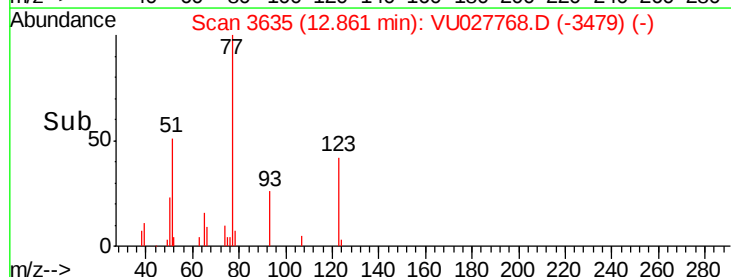
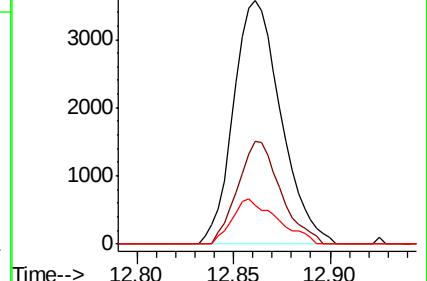
65 17.7 13.1 16.7#

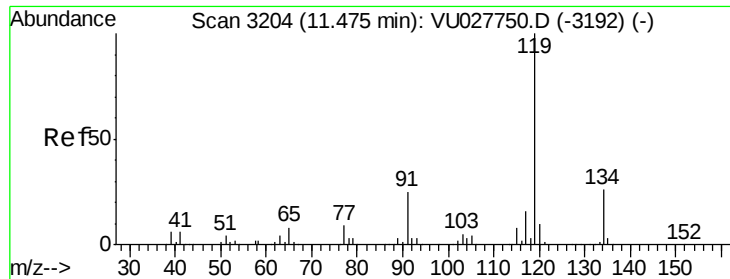


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

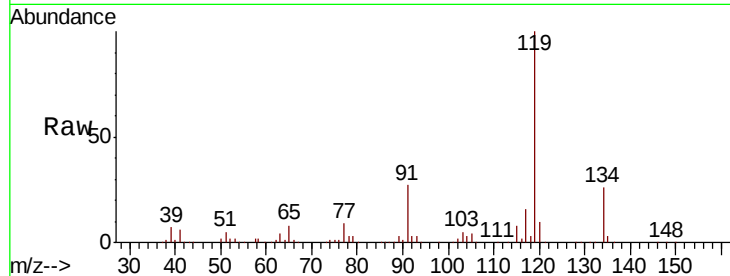




#81
 p-Isopropyltoluene
 Concen: 11.175 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.3	30.5
91	26.1	20.2	30.4

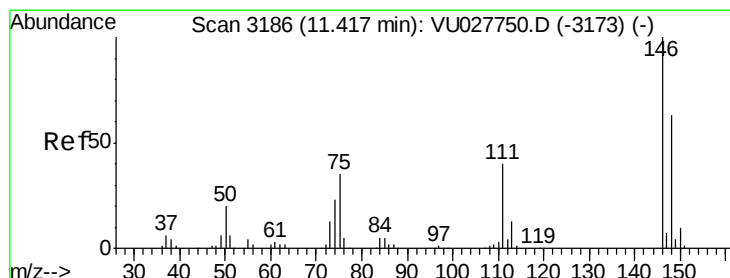
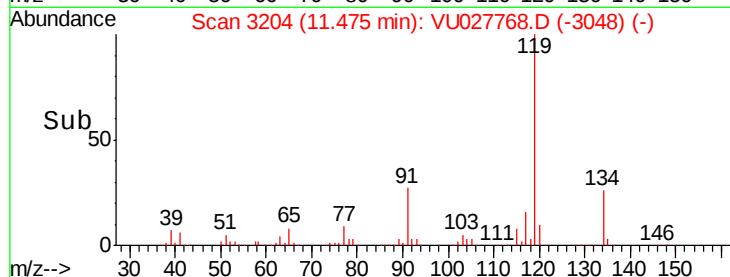
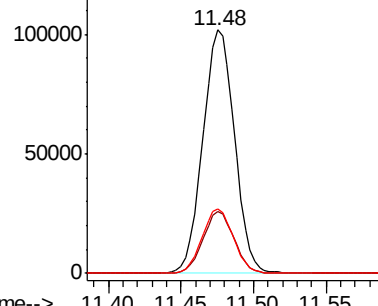


Abundance

Ion 119.00 (118.70 to 119.70): V

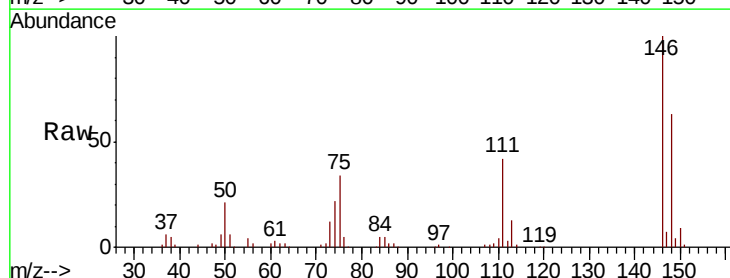
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 11.068 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	32.7	49.1
148	63.8	50.6	75.8

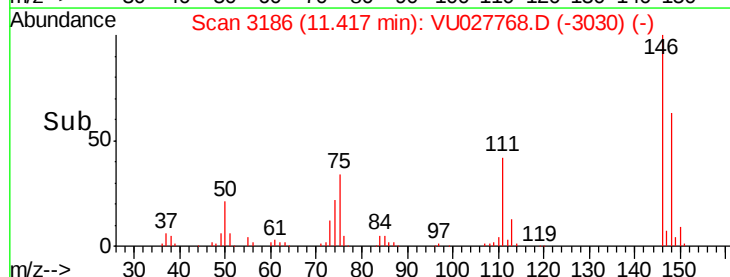
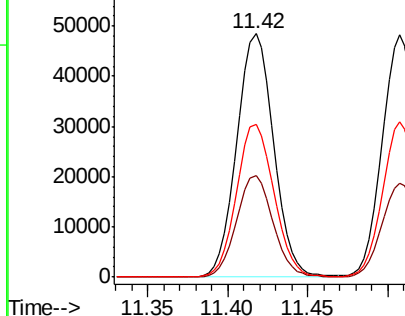


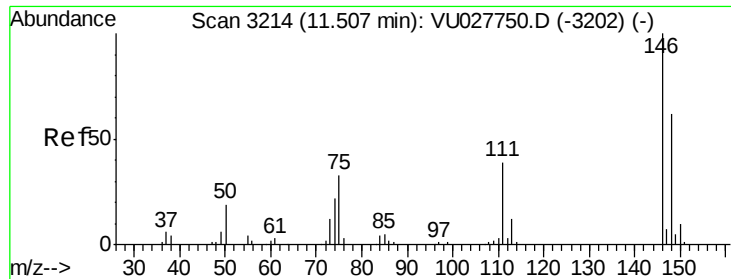
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

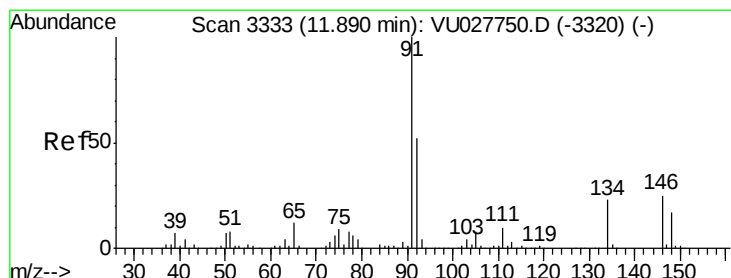
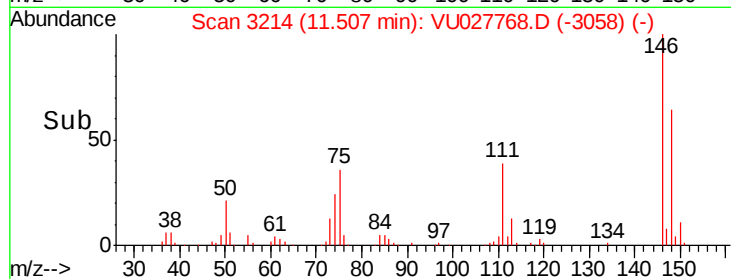
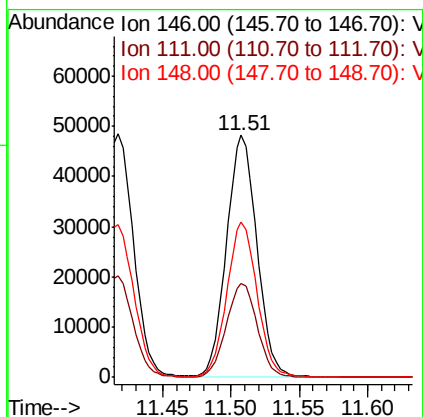
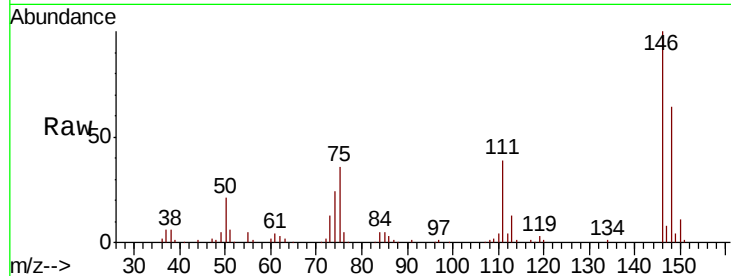




#83
 1,4-Dichlorobenzene
 Concen: 10.916 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

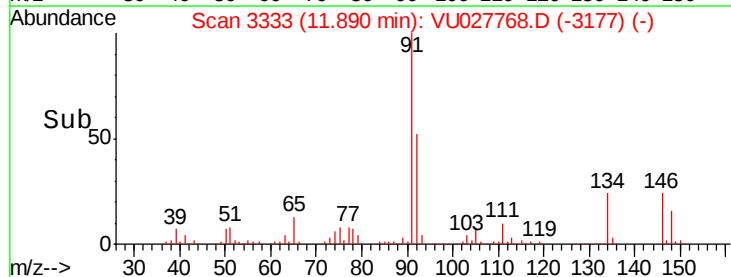
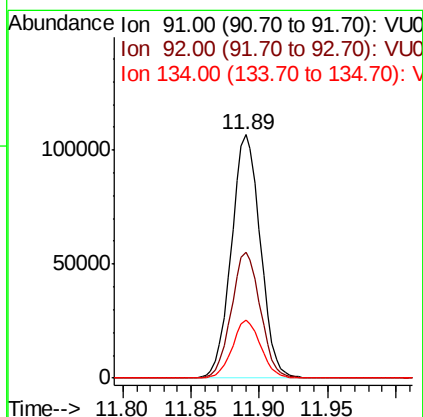
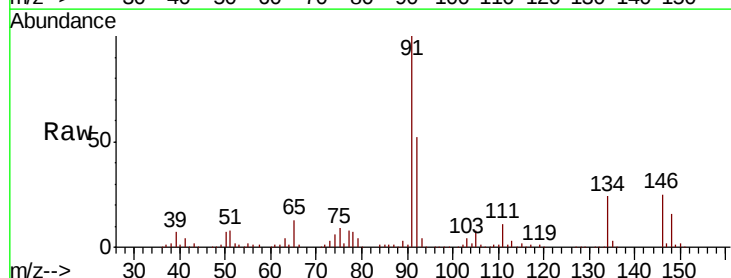
Instrument :
 MSVOA_U
 ClientSampled :

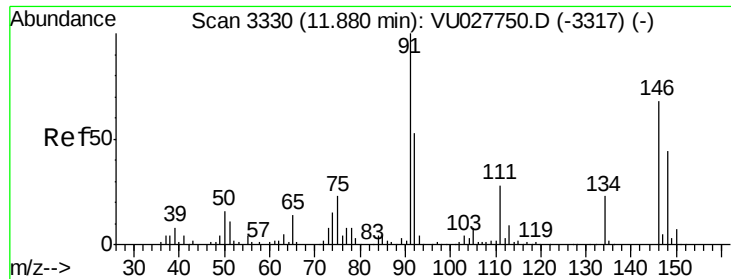
Tot Ion:146 Resp: 75125
 Ion Ratio Lower Upper
 146 100
 111 39.3 32.0 48.0
 148 63.7 50.9 76.3



#84
 n-Butylbenzene
 Concen: 11.738 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion: 91 Resp: 157803
 Ion Ratio Lower Upper
 91 100
 92 51.6 42.1 63.1
 134 23.3 18.6 28.0

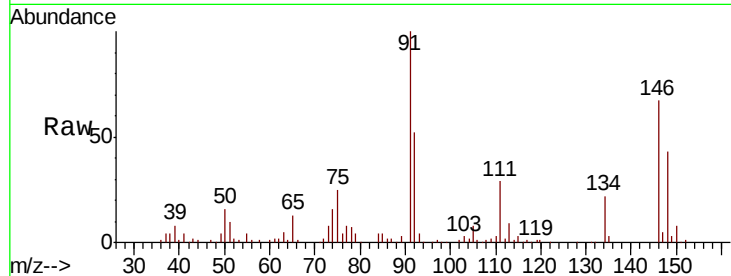




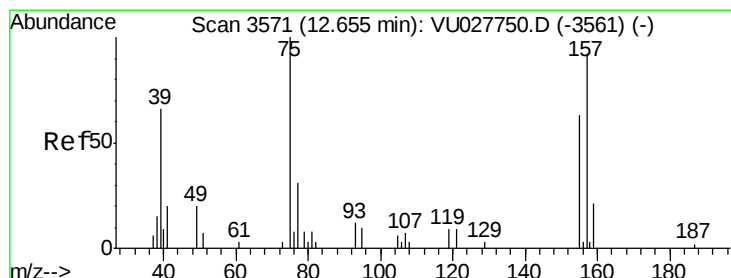
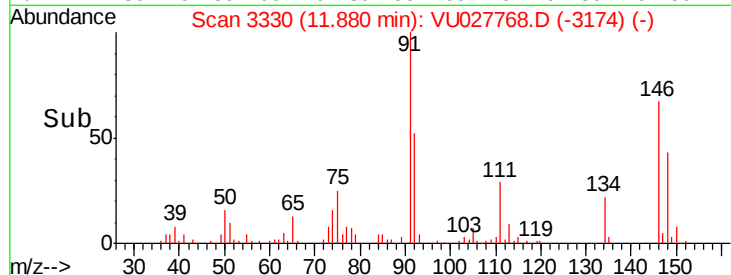
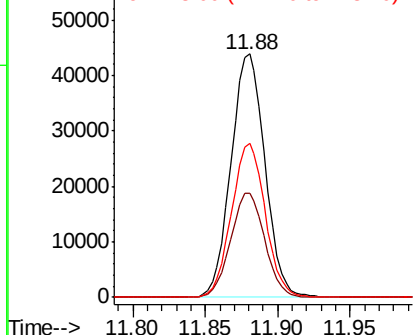
#85
 1,2-Dichlorobenzene
 Concen: 10.882 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 71320
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.2 63.6
 148 63.0 32.2 96.6

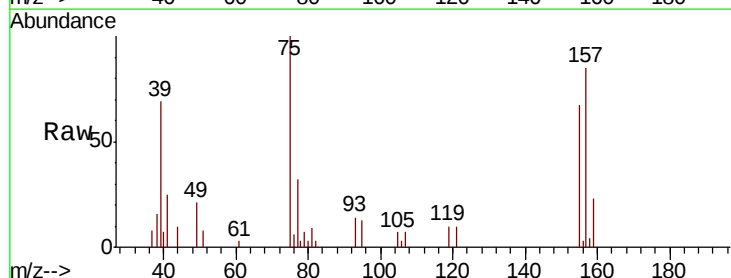


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

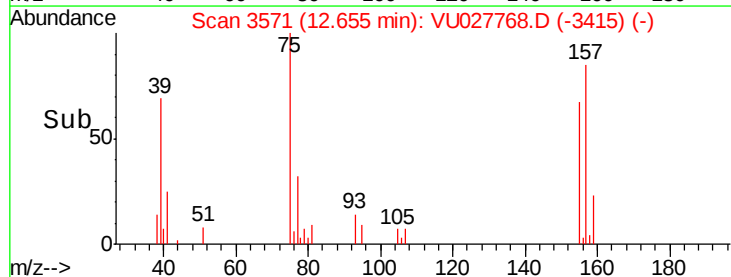
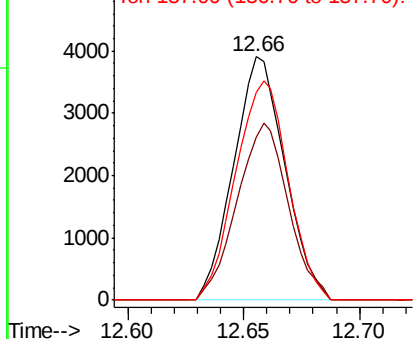


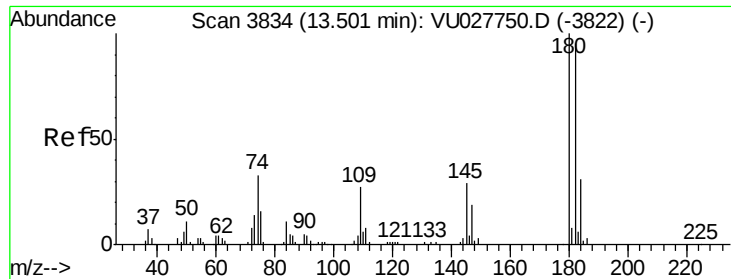
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.559 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion: 75 Resp: 6003
 Ion Ratio Lower Upper
 75 100
 155 72.6 55.5 83.3
 157 92.5 71.0 106.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

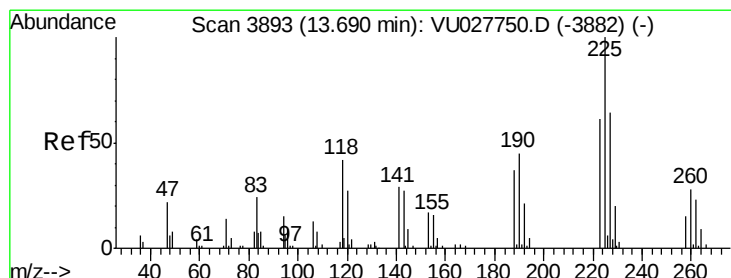
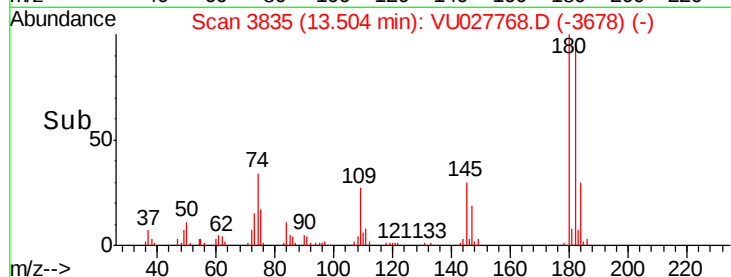
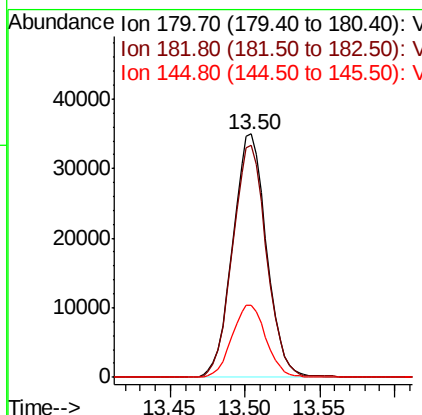
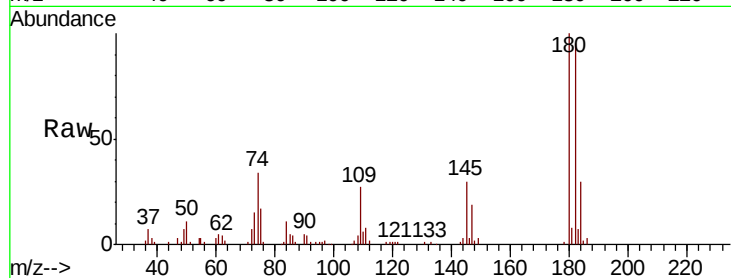




#87
 1,2,4-Trichlorobenzene
 Concen: 11.542 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

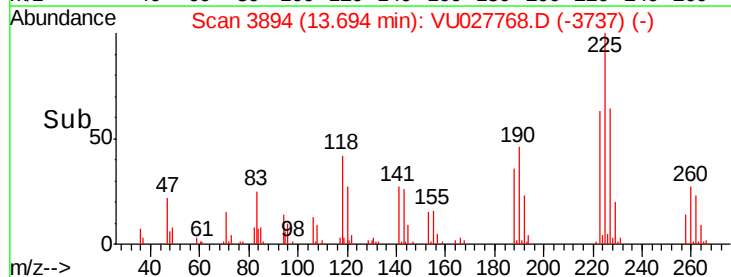
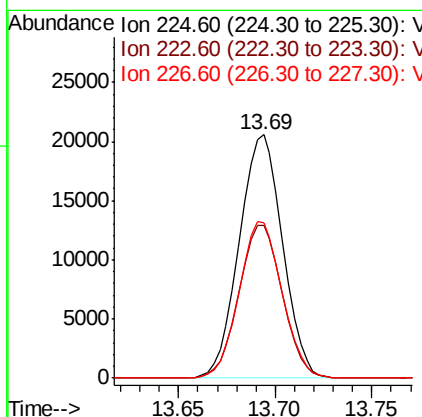
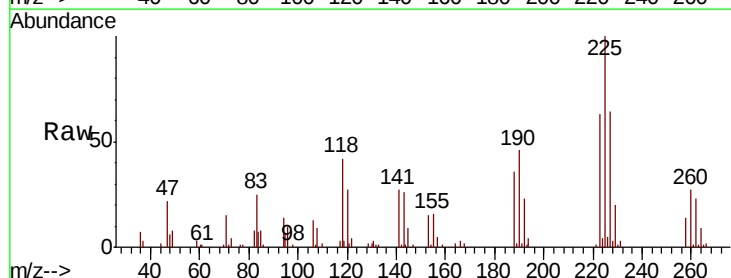
Instrument :
 MSVOA_U
 ClientSampleId :

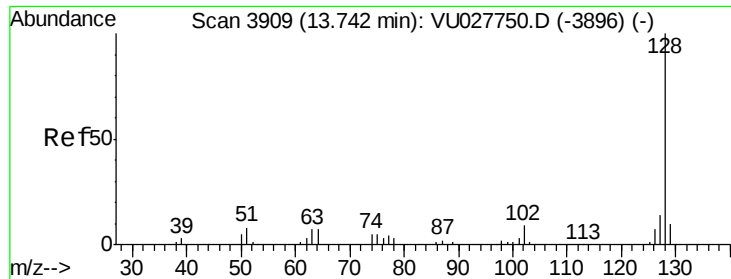
Tot Ion:180 Resp: 54968
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.9 113.9
 145 29.8 23.6 35.4



#88
 Hexachlorobutadiene
 Concen: 11.230 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027768.D
 Acq: 23 Oct 2018 17:45

Tgt Ion:225 Resp: 32079
 Ion Ratio Lower Upper
 225 100
 223 62.9 49.6 74.4
 227 63.4 51.1 76.7

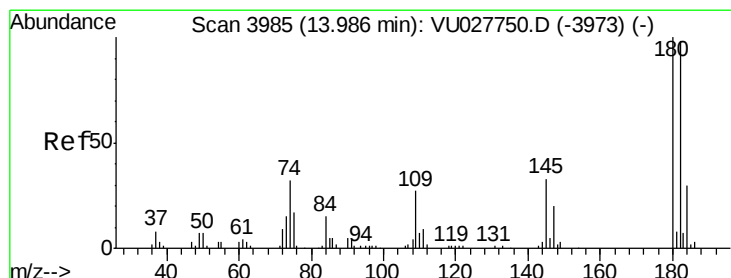
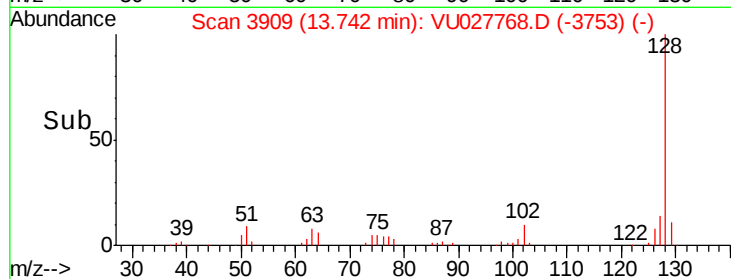
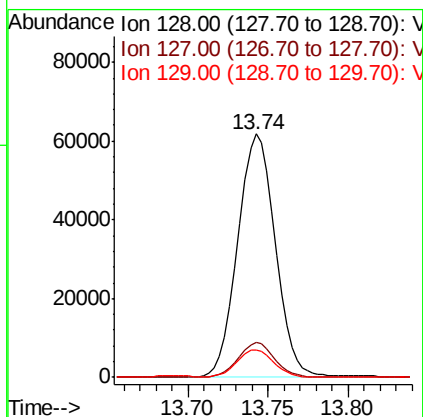
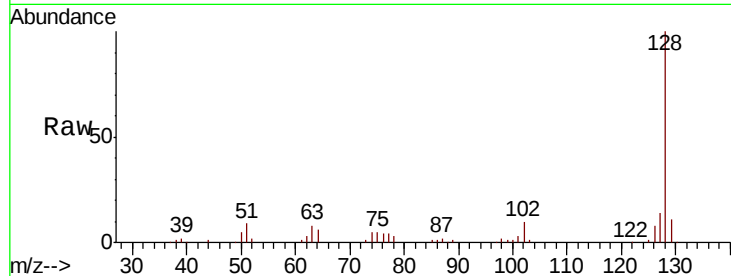




#89
Naphthalene
Concen: 11.087 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 99158
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 8.5 12.7



#90
1,2,3-Trichlorobenzene
Concen: 11.132 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027768.D
Acq: 23 Oct 2018 17:45

Tgt Ion:180 Resp: 50446
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.6
145 31.6 25.4 38.2

