

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082018\
 Data File : VU026219.D
 Acq On : 20 Aug 2018 19:58
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 07:43:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.75	96	35431	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	13991	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14684	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	131307	9.527	ug/l	100
3) Chloromethane	1.33	50	109014	9.267	ug/l	100
4) Vinyl Chloride	1.40	62	112079	9.527	ug/l	100
5) Bromomethane	1.63	94	69470	10.742	ug/l	98
6) Chloroethane	1.70	64	65063	9.235	ug/l	98
7) Trichlorofluoromethane	1.89	101	163139	9.386	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	89309	9.267	ug/l	98
9) 1,1-Dichloroethene	2.29	96	75810	9.211	ug/l	97
10) Iodomethane	2.41	142	119138	9.247	ug/l	95
11) Allyl Chloride	2.59	41	131710	9.519	ug/l	87
12) Acrylonitrile	2.94	53	34662	18.581	ug/l	96
13) Acetone	2.32	43	71407	49.642	ug/l	96
14) Carbon Disulfide	2.48	76	265828	9.346	ug/l	100
15) Methylene Chloride	2.70	84	87382	10.149	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	87500	9.190	ug/l	96
17) 1,1-Dichloroethane	3.45	63	165071	9.476	ug/l	99
18) 2-Butanone	4.28	43	129163	48.369	ug/l	97
19) Cyclohexane	5.00	56	131778	10.289	ug/l	85
20) Methylcyclohexane	6.42	83	158074	10.543	ug/l	96
21) 2,2-Dichloropropane	4.23	77	161109	8.997	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	110343	9.549	ug/l	92
23) Diethyl Ether	2.10	59	58225	9.243	ug/l	97
24) tert-Butyl Alcohol	2.83	59	58419	90.596	ug/l #	79
25) Methyl tert-Butyl Ether	3.00	73	204577	9.537	ug/l	97
26) Bromochloromethane	4.55	128	51535	9.975	ug/l	81
27) Chloroform	4.68	83	191203	9.492	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	173433	9.686	ug/l	98
29) 1,1-Dichloropropene	5.14	75	143162	10.135	ug/l	98
30) Carbon Tetrachloride	5.14	117	162204	9.604	ug/l	99
31) Isopropyl Ether	3.58	45	276457	9.633	ug/l	92
32) Ethyl-t-butyl ether	4.08	59	249777	9.936	ug/l	93
33) Tert-Amyl methyl ether	5.59	73	223893	10.427	ug/l	98
34) Propionitrile	4.34	54	38125	50.129	ug/l #	92
35) Benzene	5.39	78	401903	9.843	ug/l	100
36) 1,2-Dichloroethane	5.41	62	122396	9.671	ug/l	98
37) Trichloroethene	6.19	130	108366	9.433	ug/l	98
38) 1,2-Dichloropropane	6.44	63	105182	9.947	ug/l	99
39) Methacrylonitrile	4.55	41	32374	10.086	ug/l	92
40) Methyl acrylate	4.43	55	50291	10.331	ug/l #	95
41) Tetrahydrofuran	4.65	42	31367	17.565	ug/l	93
42) 1-Chlorobutane	5.07	56	196217	10.267	ug/l	100

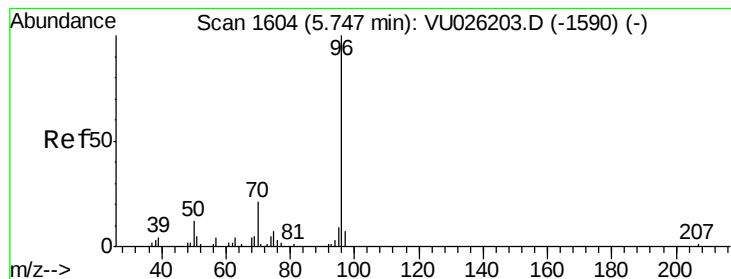
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 QLast Update : Mon Aug 20 13:35:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	53977	9.607	ug/l	97
44) Bromodichloromethane	6.76	83	140975	9.721	ug/l	98
45) 4-Methyl-2-Pentanone	7.47	43	299503	52.593	ug/l	97
46) t-1,4-Dichloro-2-butene	10.50	75	57857	20.123	ug/l #	81
47) Methyl methacrylate	6.63	69	93259	21.726	ug/l	95
48) Ethyl methacrylate	8.02	69	88235	11.232	ug/l	98
49) Toluene	7.64	92	246435	10.571	ug/l	95
50) t-1,3-Dichloropropene	7.88	75	126239	10.203	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	143952	10.033	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	75064	9.851	ug/l	99
53) 1,3-Dichloropropane	8.25	76	126767	10.014	ug/l	100
54) 2-Hexanone	8.37	43	212807	52.487	ug/l	99
55) Dibromochloromethane	8.48	129	97714	9.594	ug/l	96
56) 1,2-Dibromoethane	8.59	107	70888	9.562	ug/l	99
58) Tetrachloroethene	8.23	164	106631	9.817	ug/l	98
59) Chlorobenzene	9.12	112	275881	10.216	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	107821	10.013	ug/l	98
61) Pentachloroethane	11.10	117	88503	9.634	ug/l	99
62) Hexachloroethane	12.15	117	93644	10.217	ug/l	94
63) Ethyl Benzene	9.25	91	472614	11.030	ug/l	98
64) m/p-Xylenes	9.38	106	390249	22.816	ug/l	96
65) o-Xylene	9.78	106	178229	10.929	ug/l	99
66) Styrene	9.79	104	319324	11.439	ug/l	100
67) Bromoform	9.96	173	59440	9.907	ug/l #	98
69) Isopropylbenzene	10.17	105	478638	11.101	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	95236	9.963	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	57857	8.455	ug/l #	89
72) Bromobenzene	10.45	156	123571	10.241	ug/l	94
73) n-propylbenzene	10.59	120	142643	11.315	ug/l	94
74) 2-Chlorotoluene	10.66	126	124202	10.919	ug/l	89
75) 1,3,5-Trimethylbenzene	10.77	105	440494	11.496	ug/l	100
76) 4-Chlorotoluene	10.77	126	129913	11.112	ug/l	96
77) tert-Butylbenzene	11.10	119	414904	10.868	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	454468	11.463	ug/l	100
79) sec-Butylbenzene	11.33	105	559759	11.195	ug/l	98
80) Nitrobenzene	12.86	77	20508	49.105	ug/l	98
81) p-Isopropyltoluene	11.48	119	488937	11.559	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	263131	10.355	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	261694	10.315	ug/l	99
84) n-Butylbenzene	11.89	91	464961	11.358	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	237670	10.185	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	17104	10.167	ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	165456	10.081	ug/l	99
88) Hexachlorobutadiene	13.69	225	100791	10.039	ug/l	98
89) Naphthalene	13.74	128	279737	10.820	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	161022	10.416	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 35431

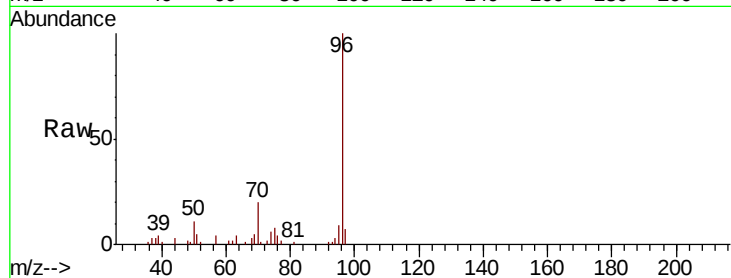
Ion Ratio Lower Upper

96 100

70 20.7 16.2 24.4

95 9.0 6.9 10.3

97 0.0 0.0 0.0

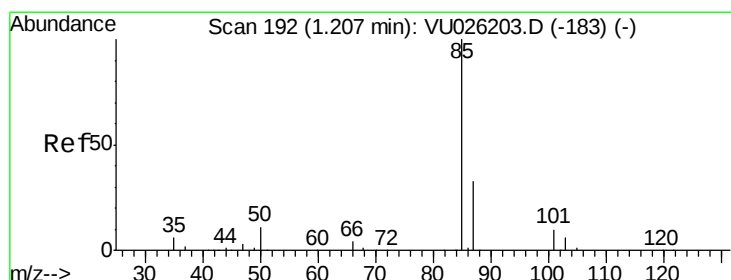
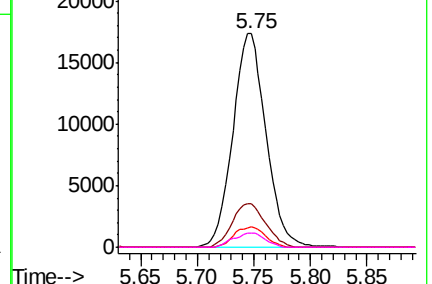
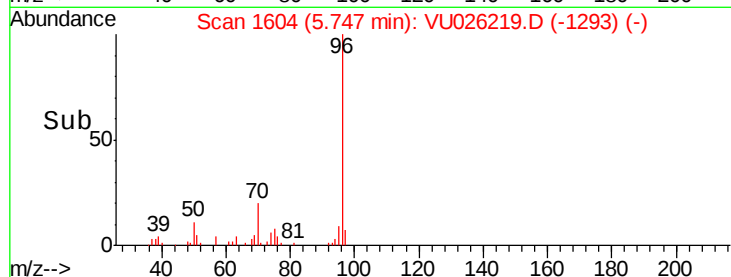


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.527 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU026219.D

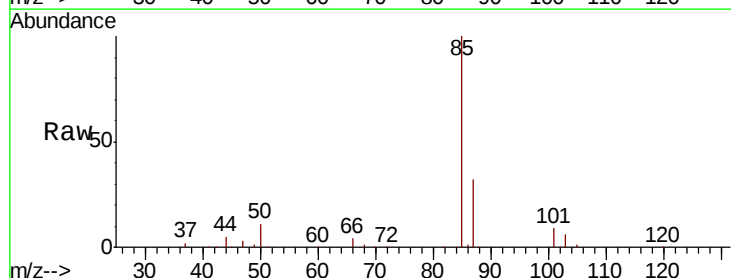
Acq: 20 Aug 2018 19:58

Tgt Ion: 85 Resp: 131307

Ion Ratio Lower Upper

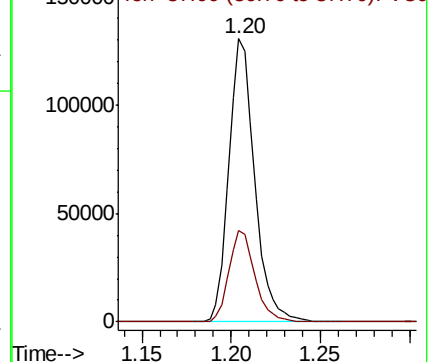
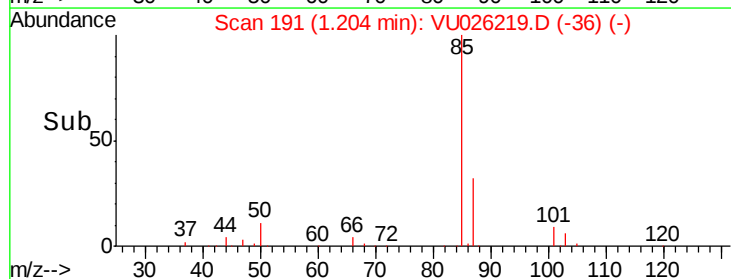
85 100

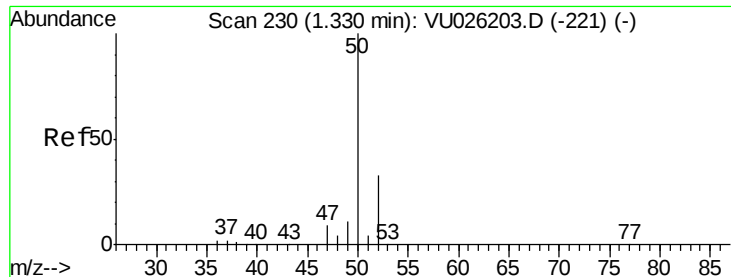
87 32.3 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.267 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

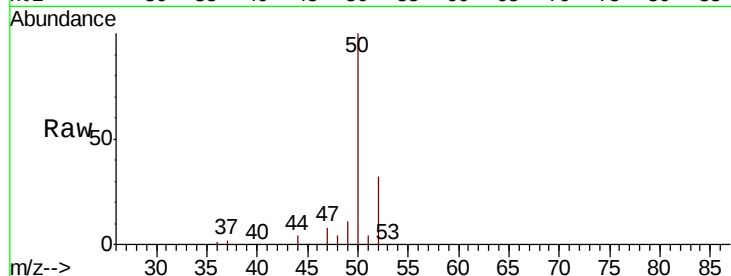
ClientSampleId :

Tot Ion: 50 Resp: 109014

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

120000

100000

80000

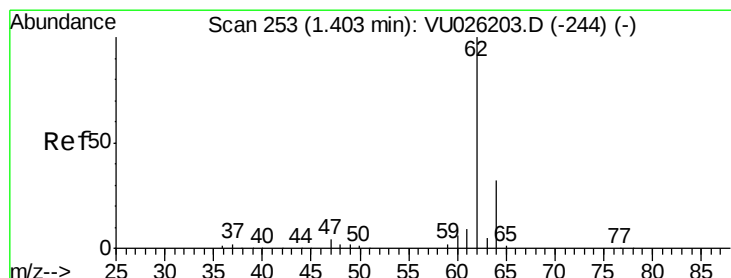
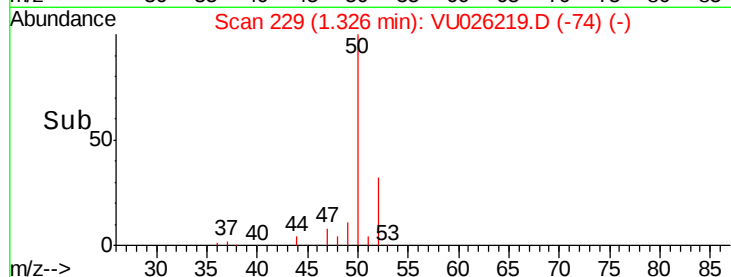
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 9.527 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU026219.D

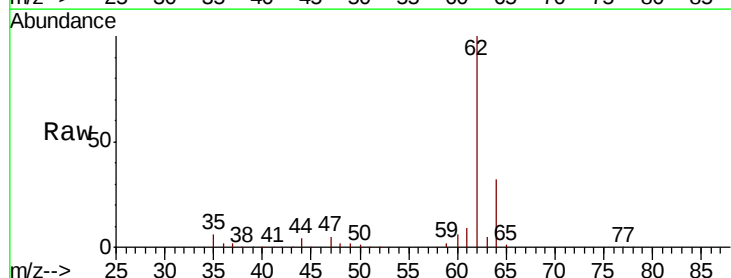
Acq: 20 Aug 2018 19:58

Tgt Ion: 62 Resp: 112079

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

120000

100000

80000

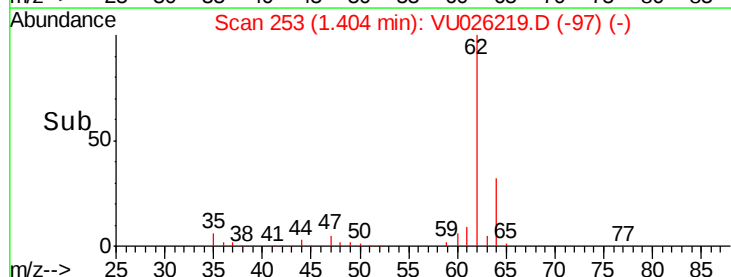
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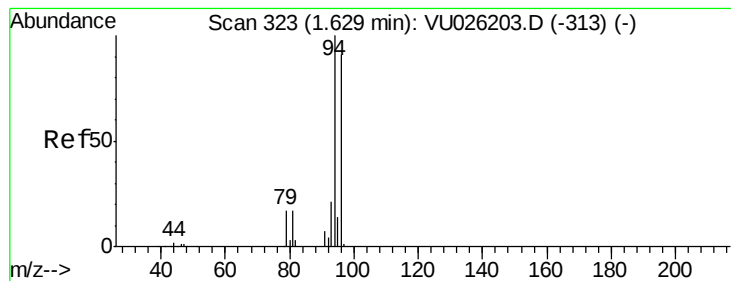
40000

20000

0

Time-->





#5

Bromomethane

Concen: 10.742 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

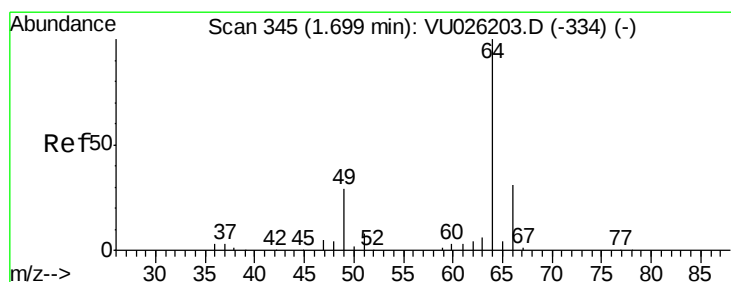
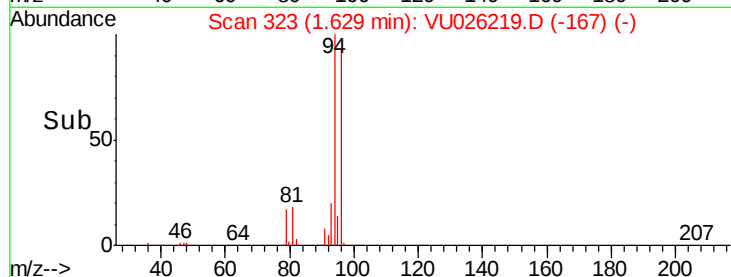
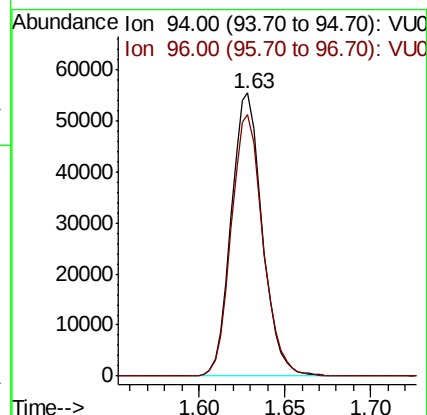
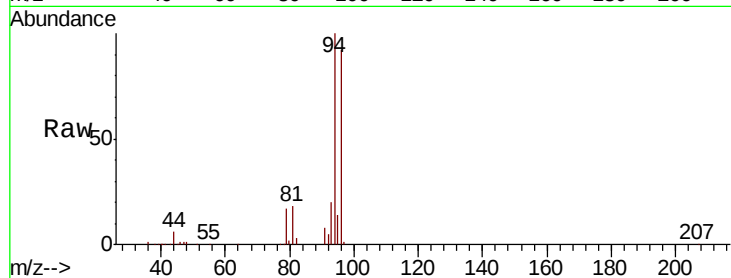
ClientSampled :

Tot Ion: 94 Resp: 69470

Ion Ratio Lower Upper

94 100

96 92.3 75.1 112.7



#6

Chloroethane

Concen: 9.235 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026219.D

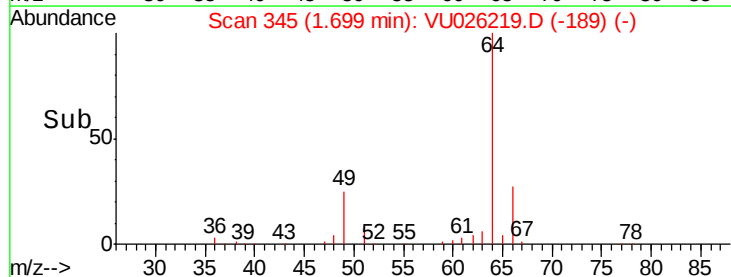
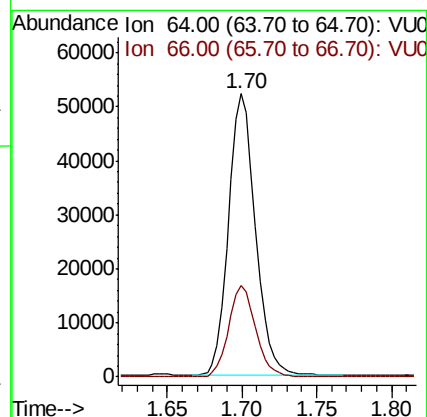
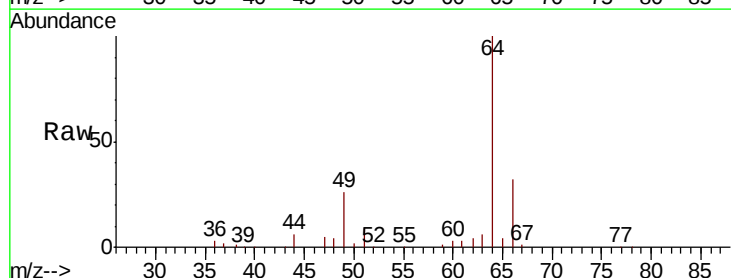
Acq: 20 Aug 2018 19:58

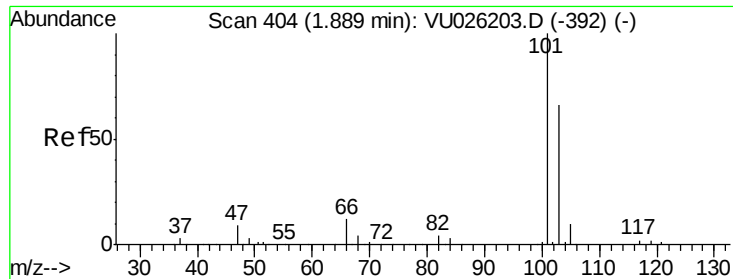
Tgt Ion: 64 Resp: 65063

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3



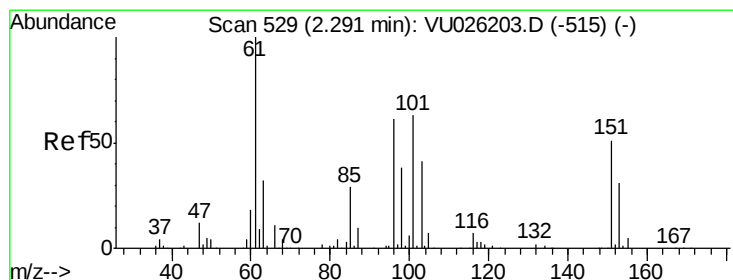
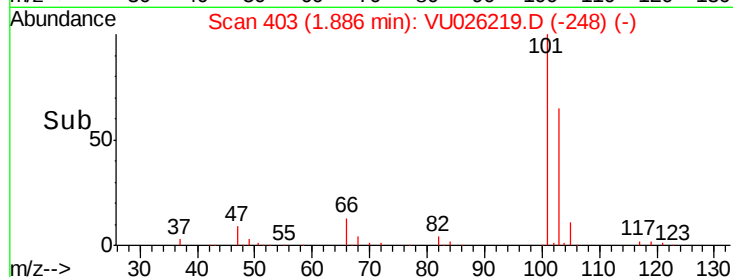
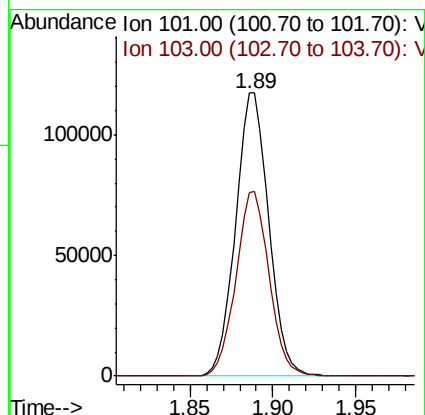
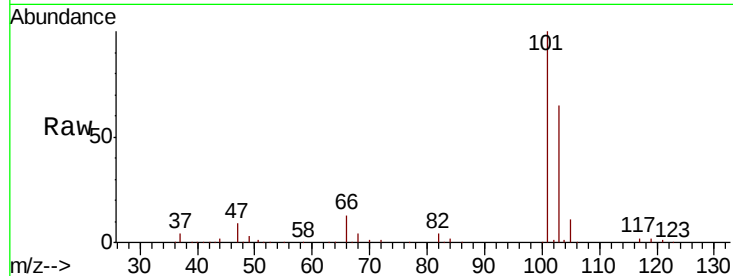


#7

Trichlorofluoromethane
 Concen: 9.386 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

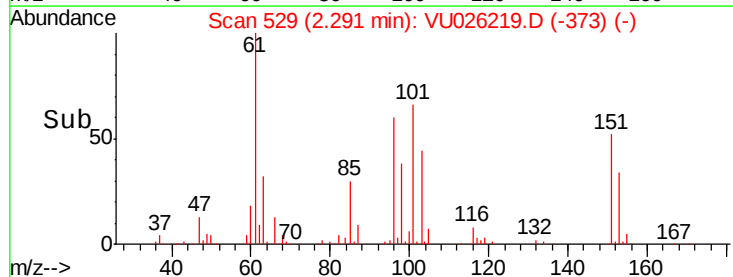
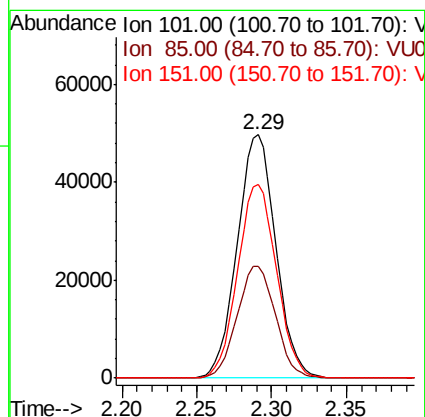
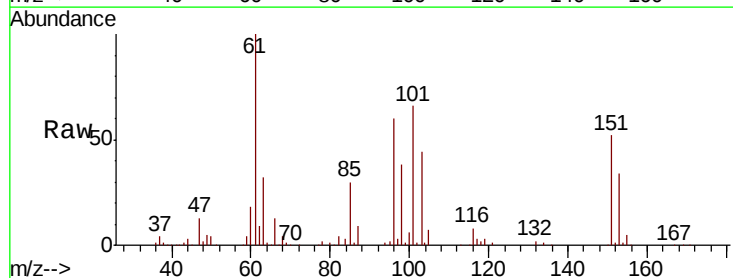
Tot Ion:101 Resp: 163139
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0

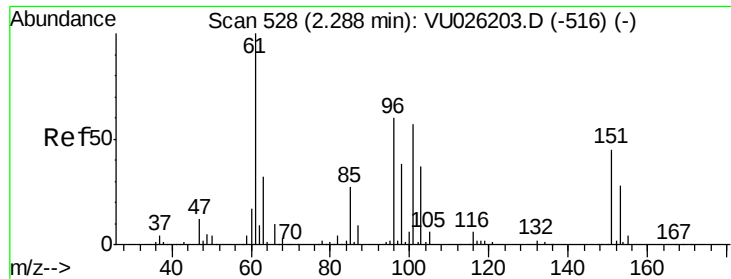


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.267 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion:101 Resp: 89309
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.2 52.8
 151 80.4 63.5 95.3



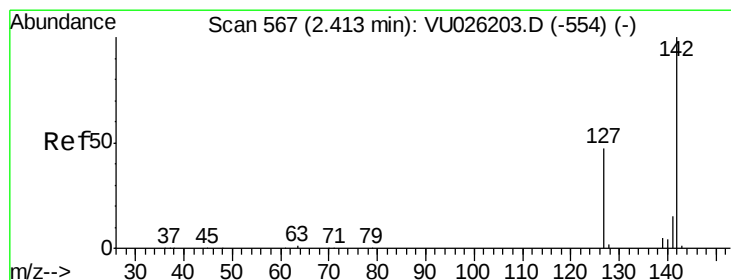
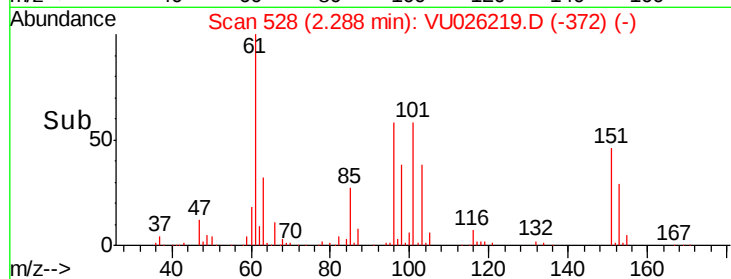
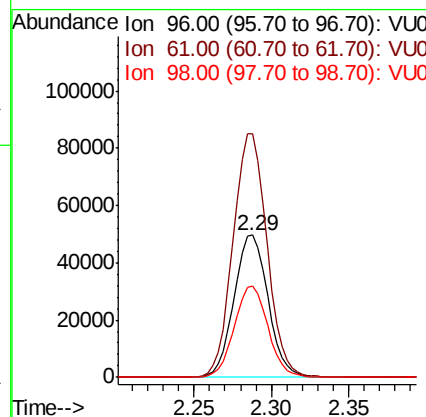
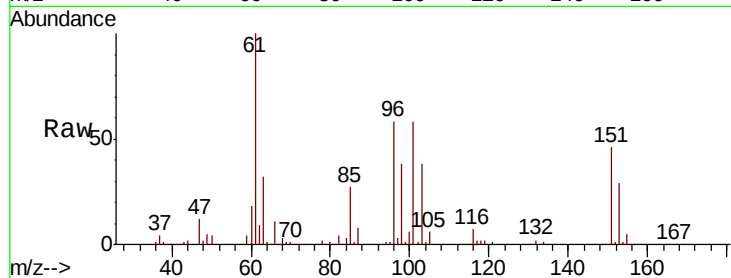


#9
 1,1-Dichloroethene
 Concen: 9.211 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 75810

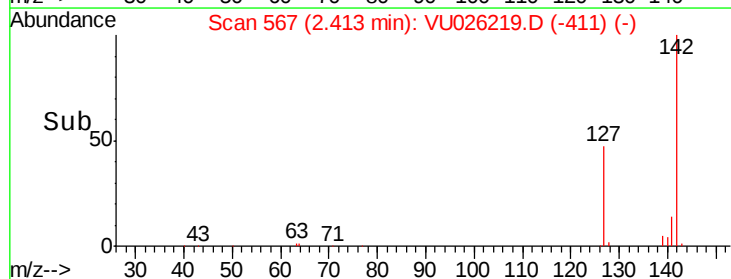
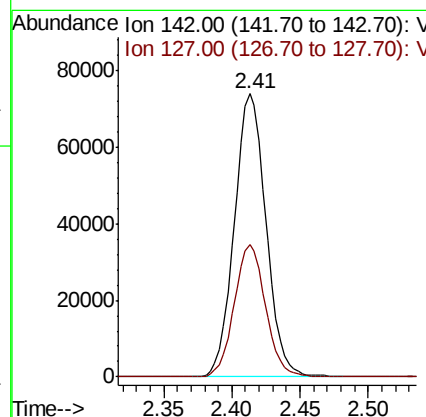
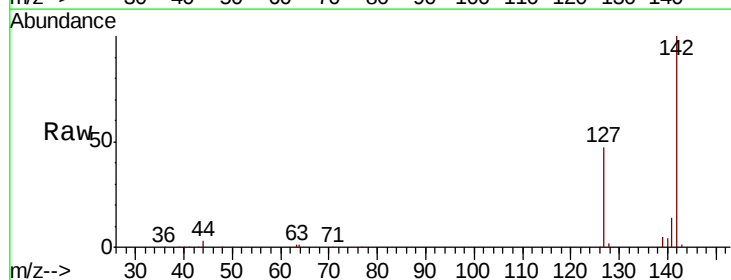
Ion	Ratio	Lower	Upper
96	100		
61	171.4	0.0	526.5
98	64.4	0.0	123.4

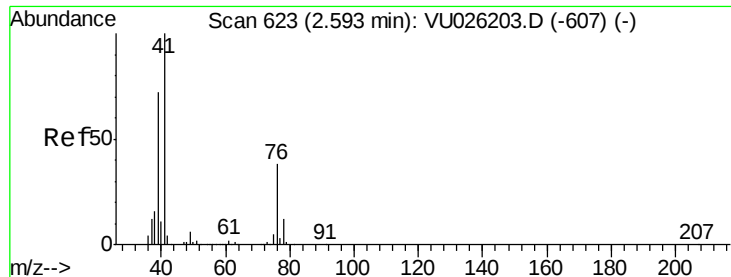


#10
 Iodomethane
 Concen: 9.247 ug/l
 RT: 2.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion: 142 Resp: 119138

Ion	Ratio	Lower	Upper
142	100		
127	46.3	34.5	51.7





#11

Allvl Chloride

Concen: 9.519 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

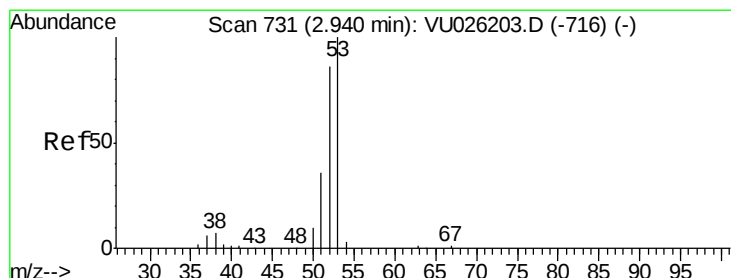
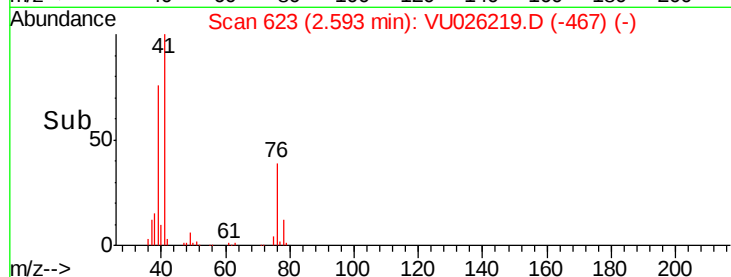
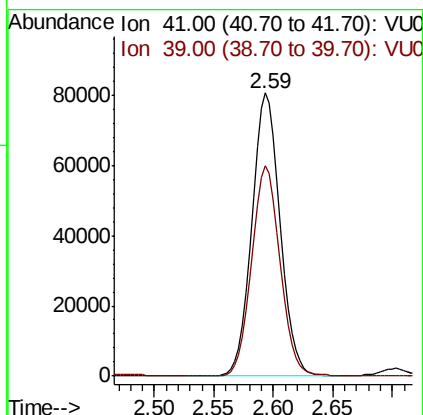
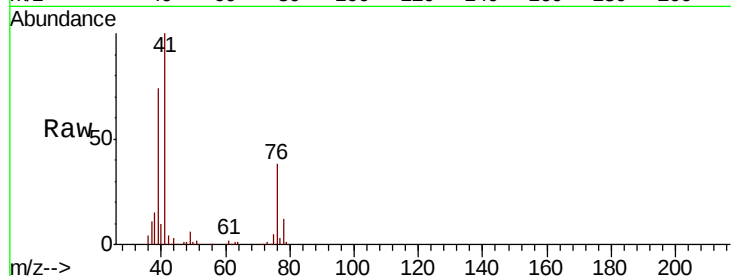
ClientSampleId :

Tot Ion: 41 Resp: 131710

Ion Ratio Lower Upper

41 100

39 74.6 51.4 77.2



#12

Acrylonitrile

Concen: 18.581 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

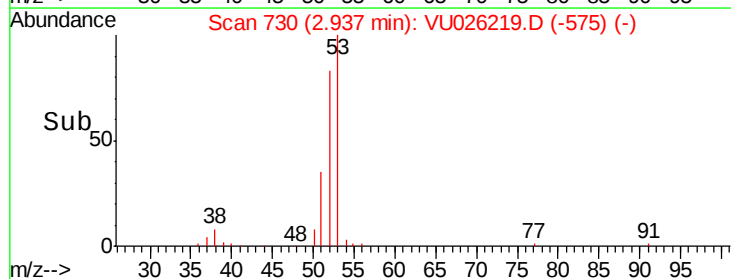
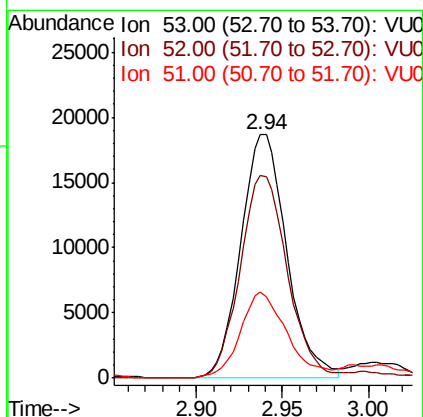
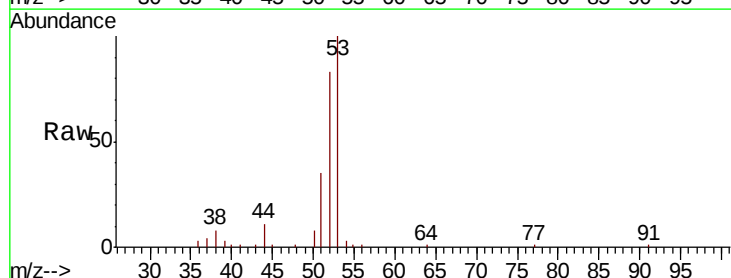
Tgt Ion: 53 Resp: 34662

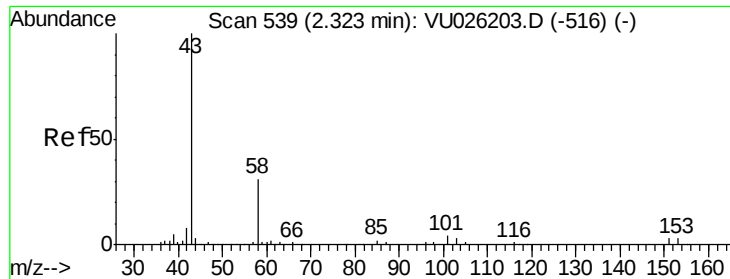
Ion Ratio Lower Upper

53 100

52 85.1 65.1 97.7

51 36.0 30.2 45.4





#13

Acetone

Concen: 49.642 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

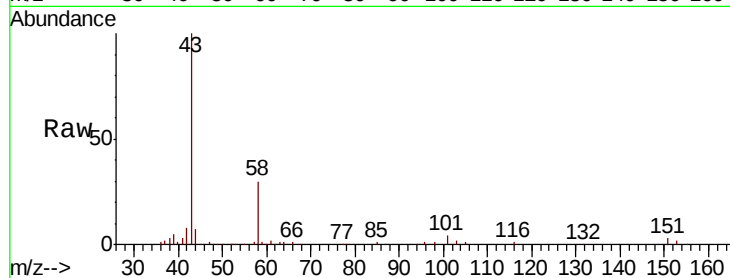
ClientSampled :

Tot Ion: 43 Resp: 71407

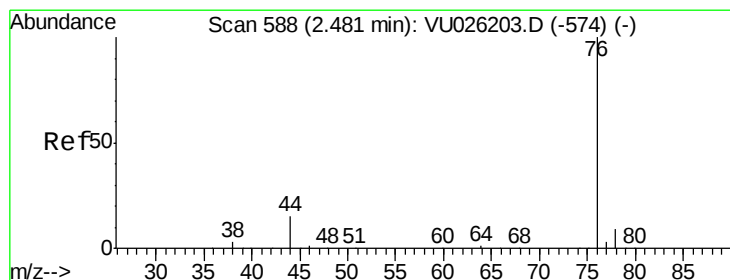
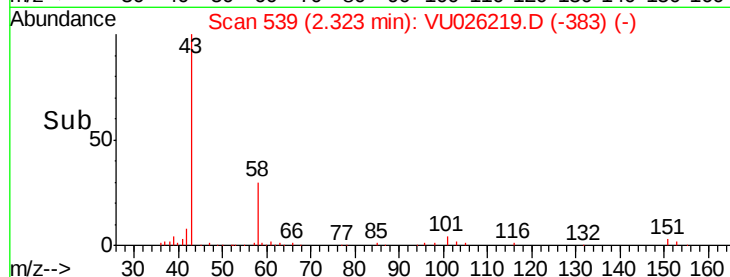
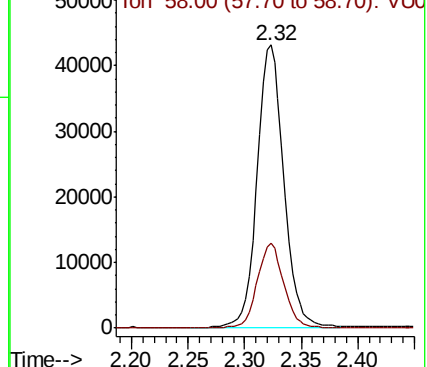
Ion Ratio Lower Upper

43 100

58 30.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU026219.D (-383) (-)



#14

Carbon Disulfide

Concen: 9.346 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU026219.D

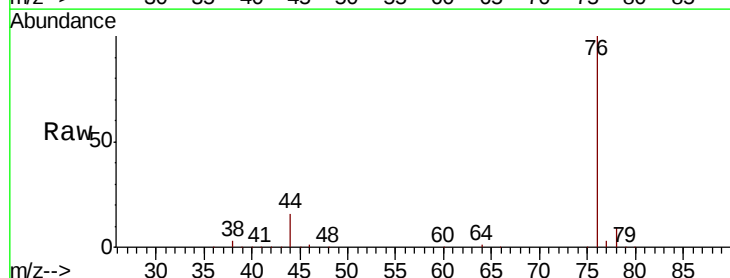
Acq: 20 Aug 2018 19:58

Tgt Ion: 76 Resp: 265828

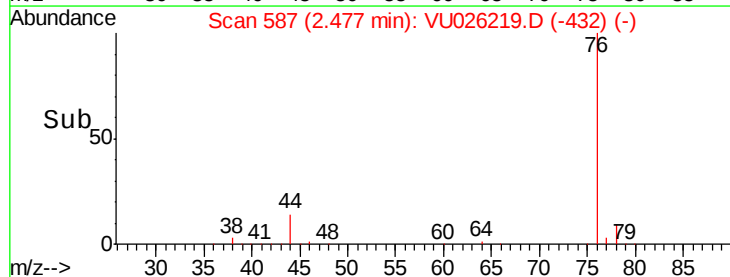
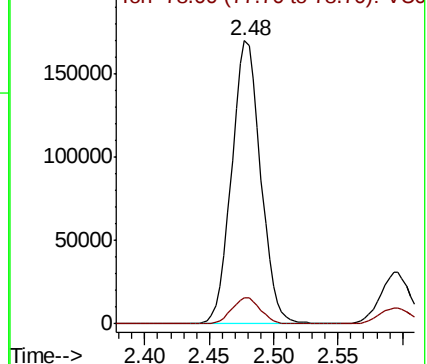
Ion Ratio Lower Upper

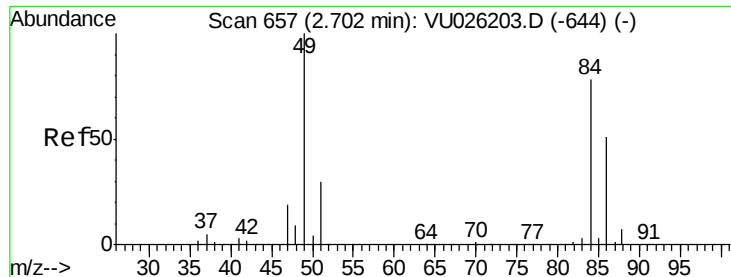
76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU026219.D (-432) (-)

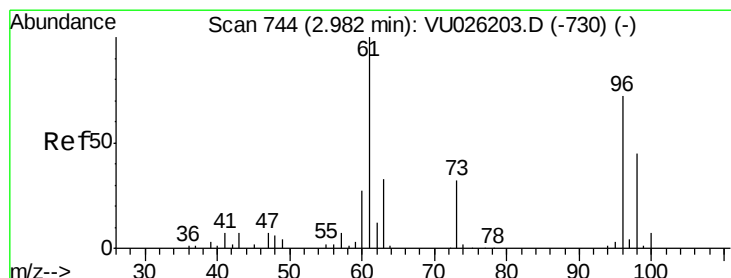
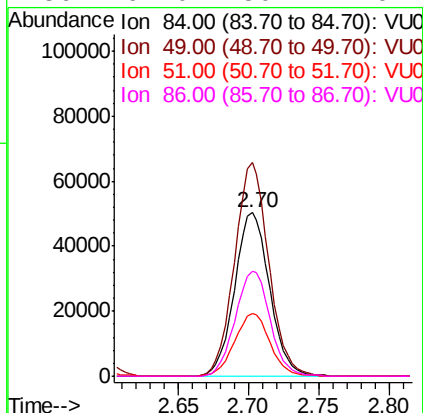
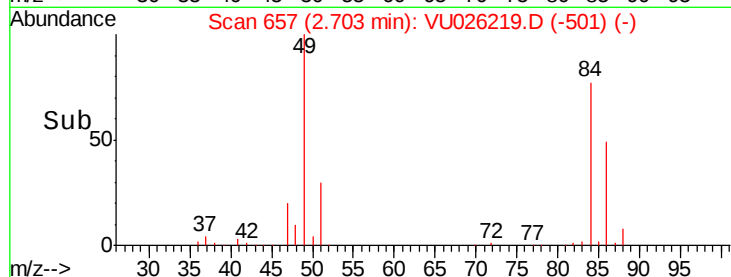
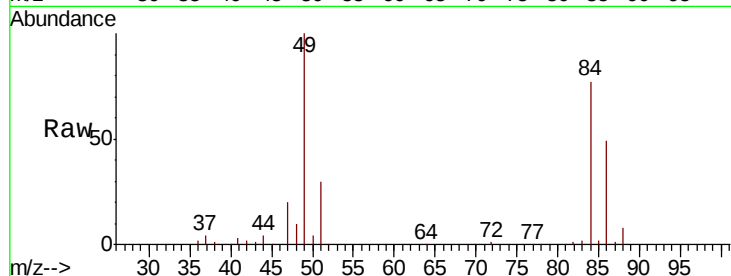




#15
Methylene Chloride
Concen: 10.149 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

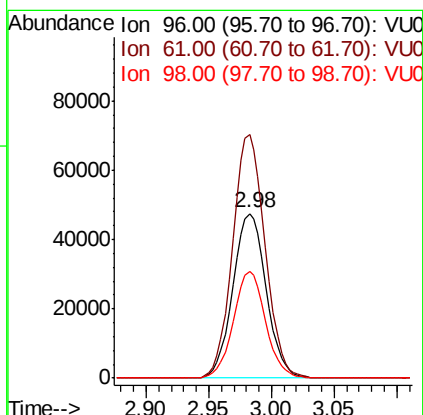
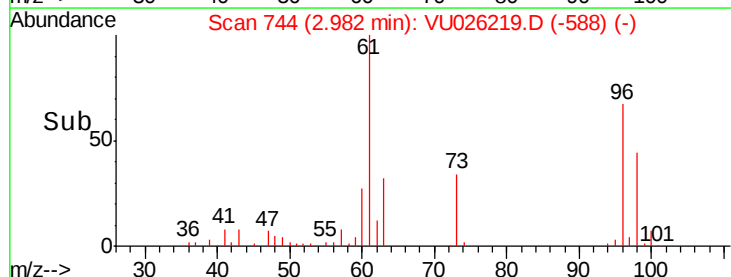
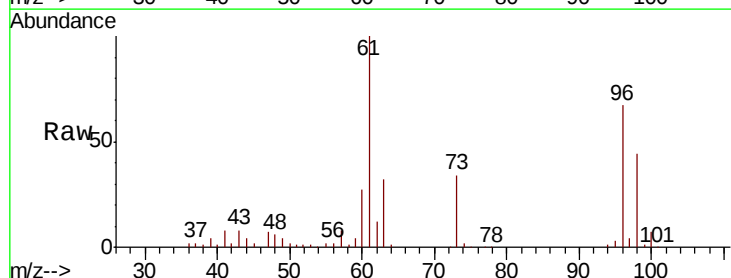
Instrument :
MSVOA_U
ClientSampled :

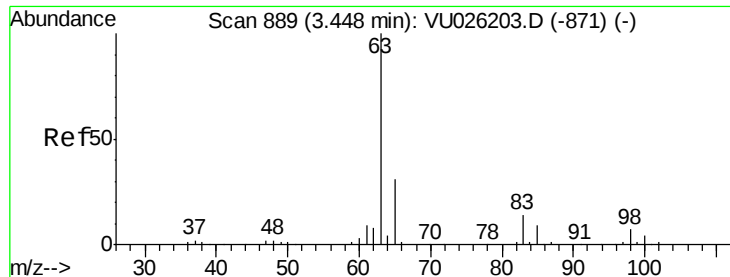
Tot Ion: 84 Resp: 87382
Ion Ratio Lower Upper
84 100
49 130.6 108.7 163.1
51 38.6 0.0 82.4
86 64.0 50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 9.190 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion: 96 Resp: 87500
Ion Ratio Lower Upper
96 100
61 148.2 123.9 185.9
98 64.9 50.6 76.0

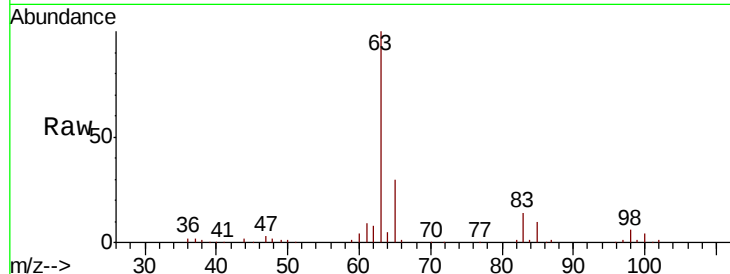




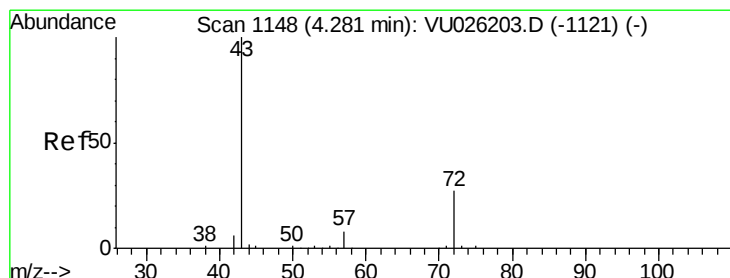
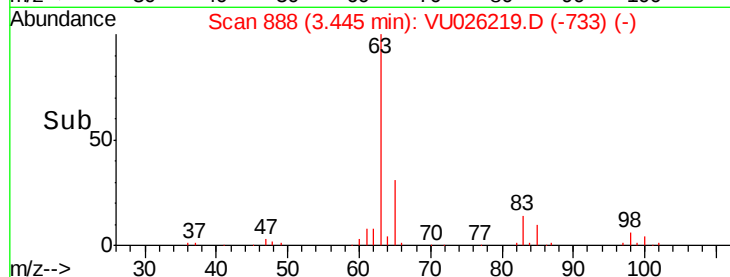
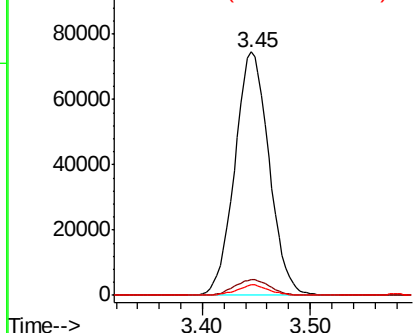
#17
 1,1-Dichloroethane
 Concen: 9.476 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 165071
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.8
 100 4.1 2.0 5.8

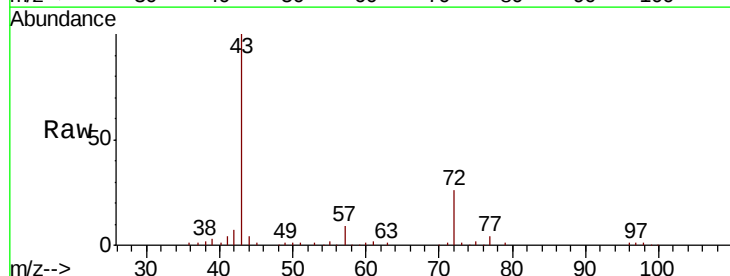


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

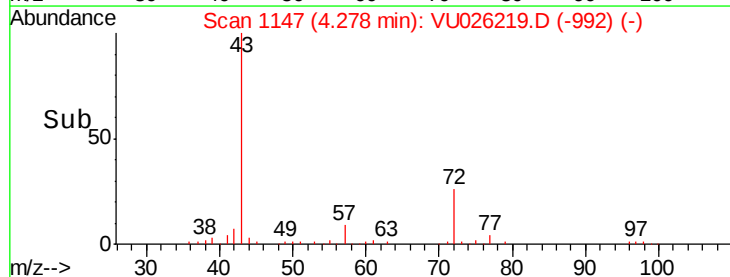
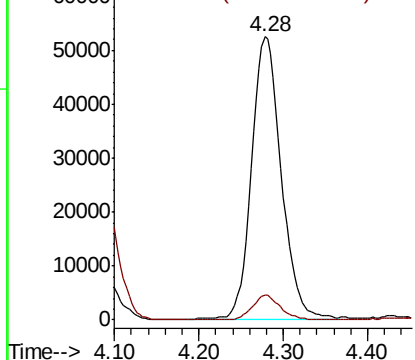


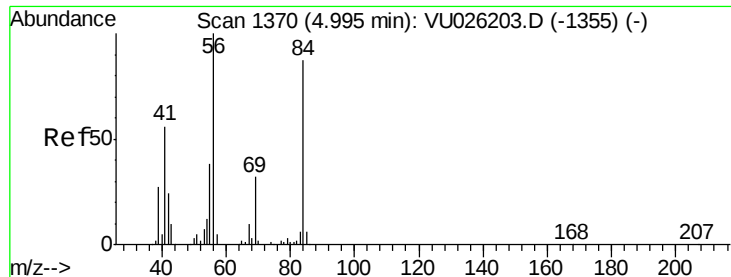
#18
 2-Butanone
 Concen: 48.369 ug/l
 RT: 4.28 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion: 43 Resp: 129163
 Ion Ratio Lower Upper
 43 100
 57 8.9 0.0 15.8



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

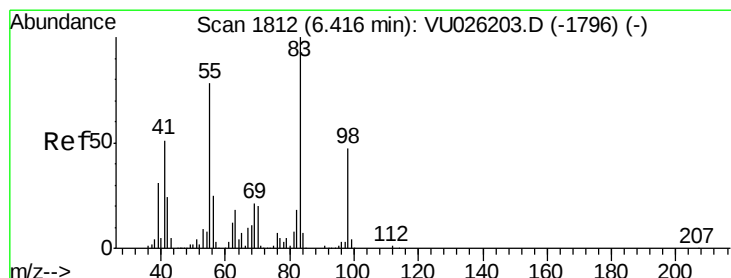
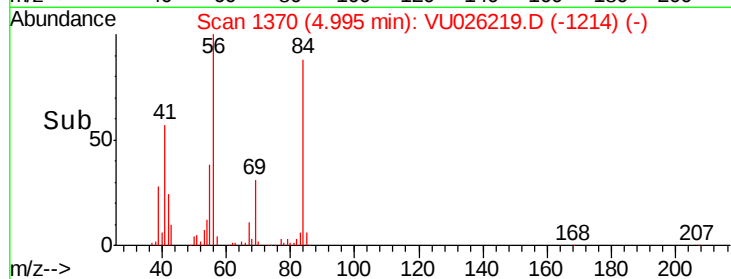
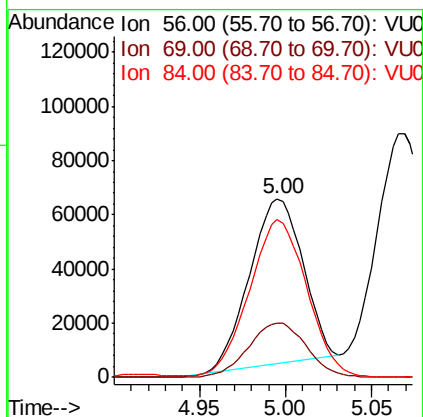
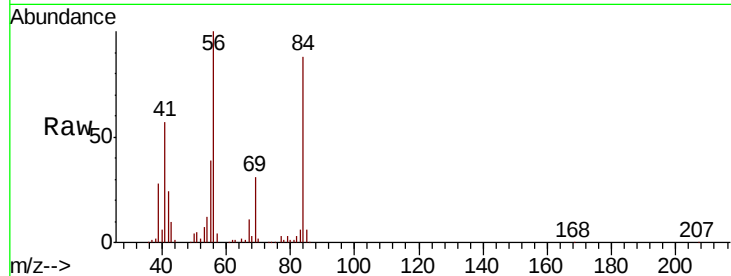




#19
Cyclohexane
Concen: 10.289 ug/l
RT: 5.00 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

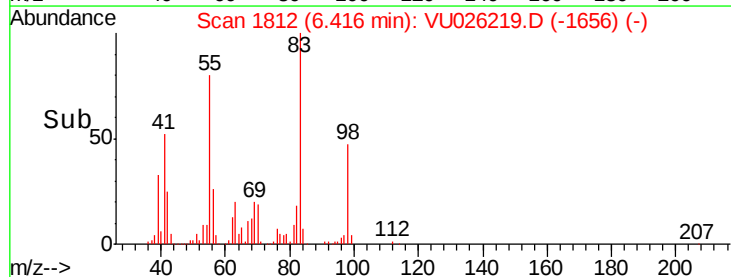
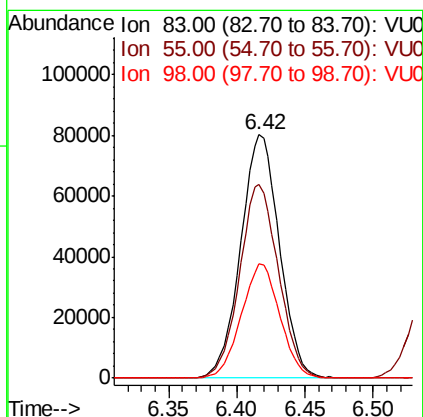
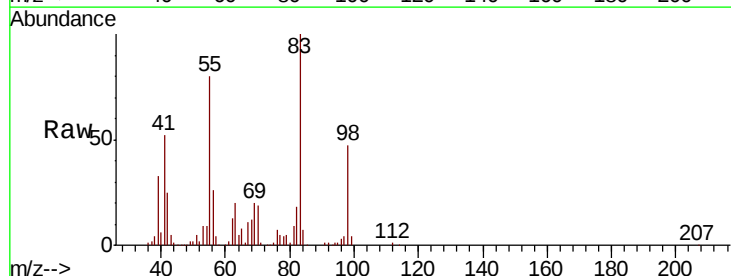
Instrument :
MSVOA_U
ClientSampleId :

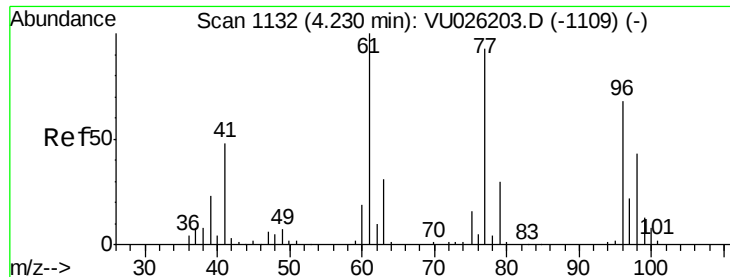
Tot Ion: 56 Resp: 131778
Ion Ratio Lower Upper
56 100
69 35.9 26.0 39.0
84 101.7 68.3 102.5



#20
Methylcyclohexane
Concen: 10.543 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion: 83 Resp: 158074
Ion Ratio Lower Upper
83 100
55 79.7 66.4 99.6
98 46.8 35.4 53.2

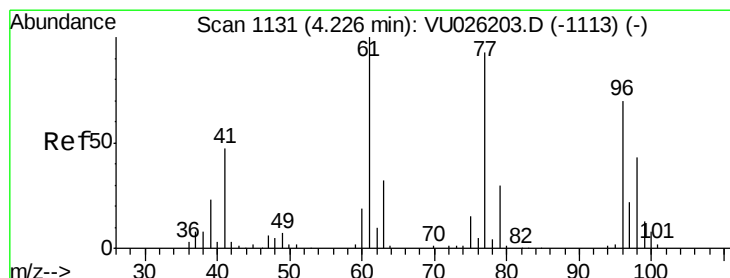
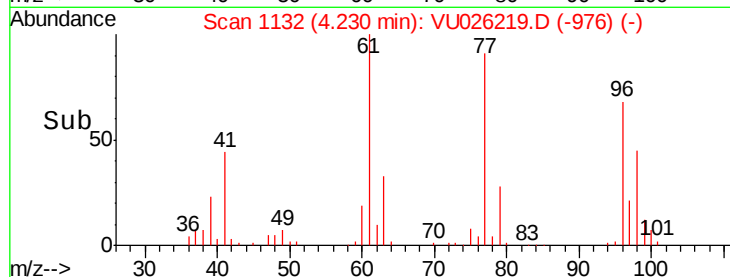
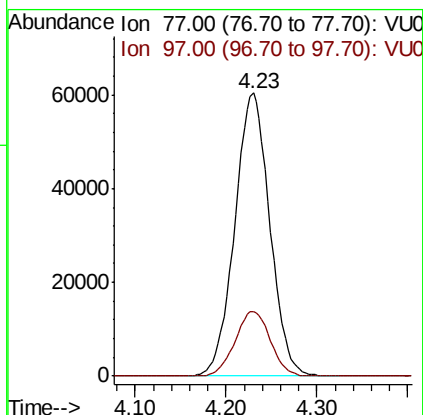
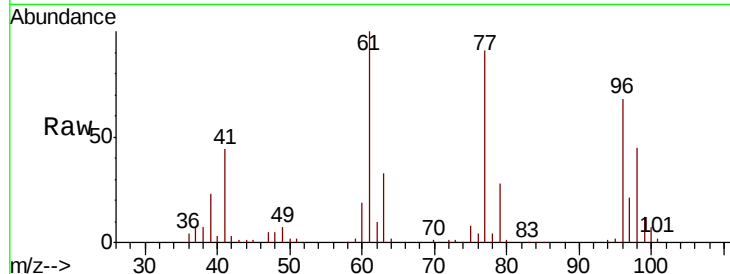




#21
 2,2-Dichloropropane
 Concen: 8.997 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

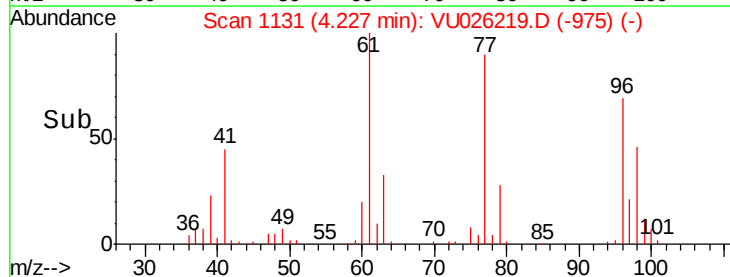
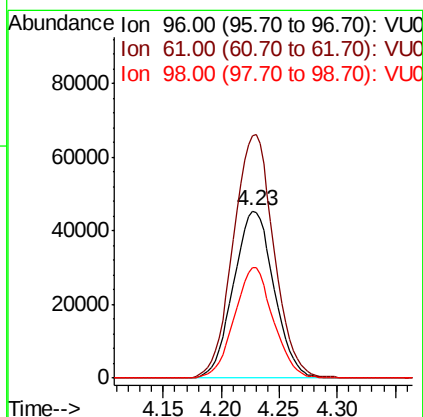
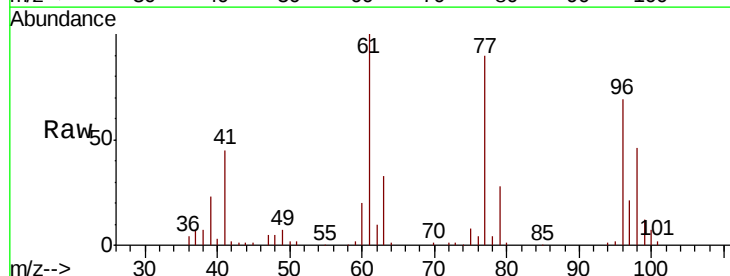
Instrument :
 MSVOA_U
 ClientSampleId :

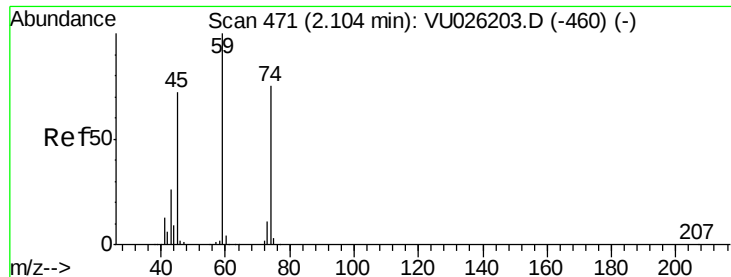
Tot Ion: 77 Resp: 161109
 Ion Ratio Lower Upper
 77 100
 97 22.9 17.9 26.9



#22
 cis-1,2-Dichloroethene
 Concen: 9.549 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion: 96 Resp: 110343
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 400.5
 98 63.6 32.2 96.6

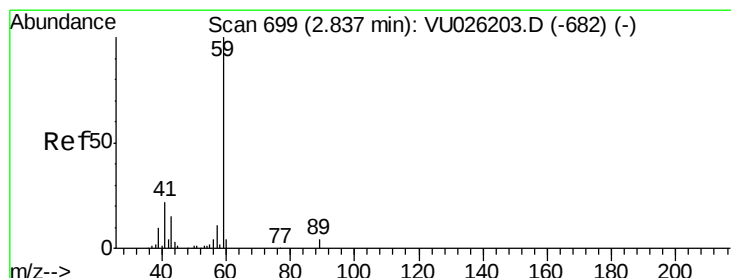
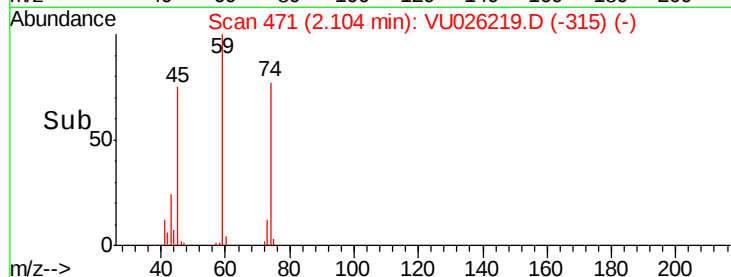
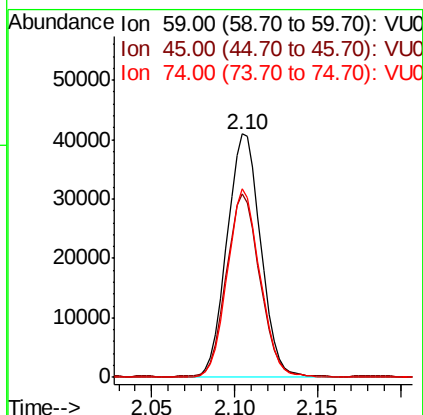
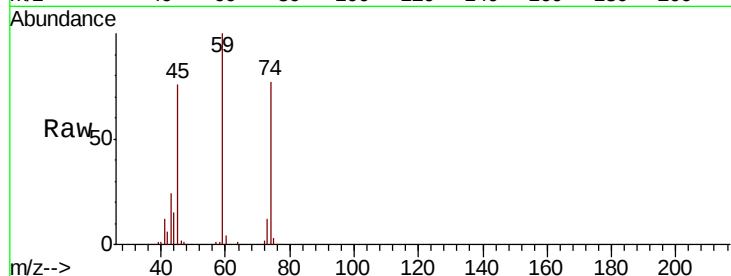




#23
Diethyl Ether
Concen: 9.243 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

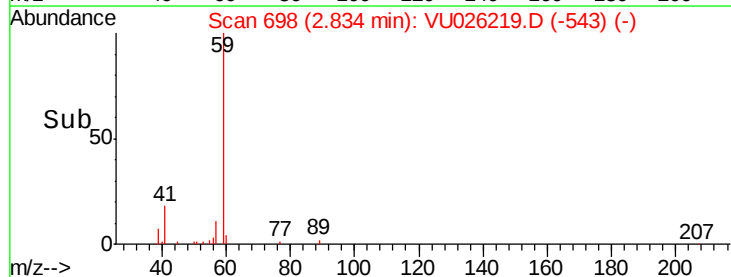
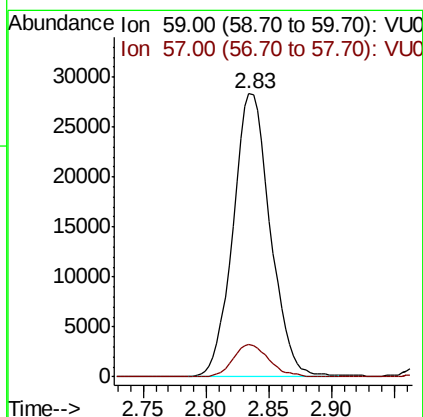
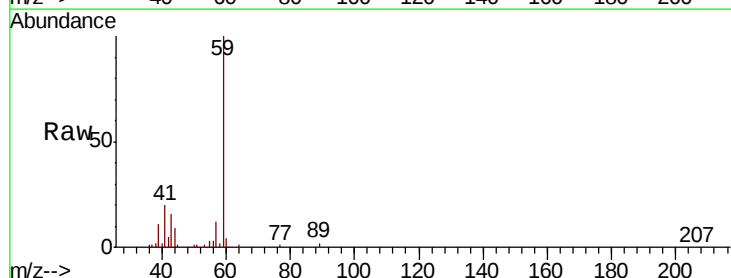
Instrument :
MSVOA_U
ClientSampleId :

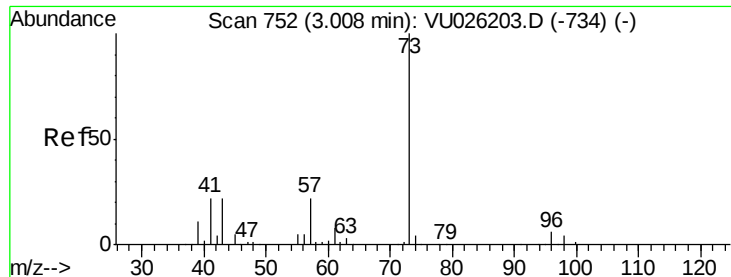
Tot Ion: 59 Resp: 58225
Ion Ratio Lower Upper
59 100
45 73.8 60.0 90.0
74 74.6 56.5 84.7



#24
tert-Butyl Alcohol
Concen: 90.596 ug/l
RT: 2.83 min Scan# 698
Delta R.T. -0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion: 59 Resp: 58419
Ion Ratio Lower Upper
59 100
57 11.1 3.4 5.2#



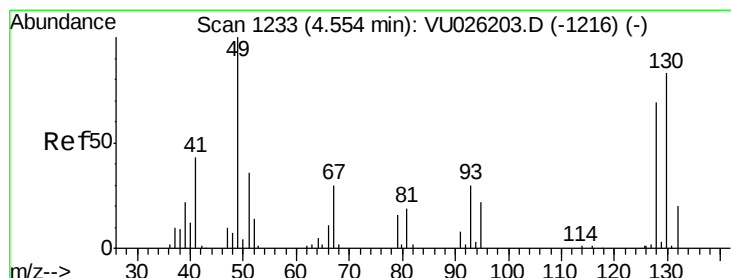
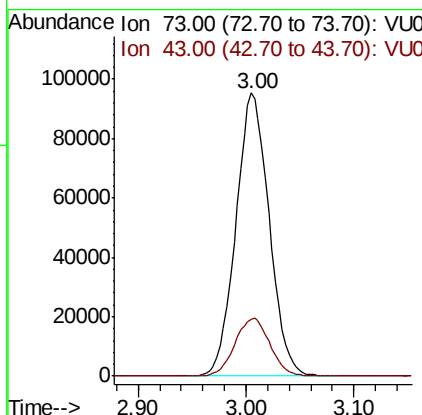
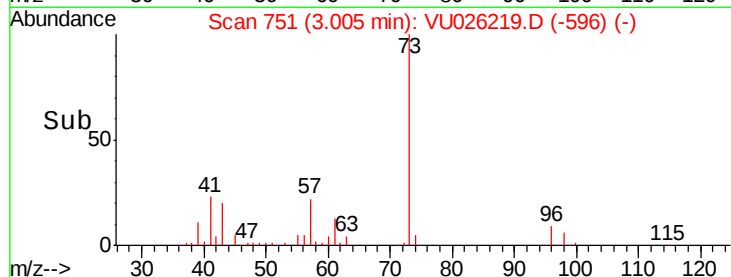
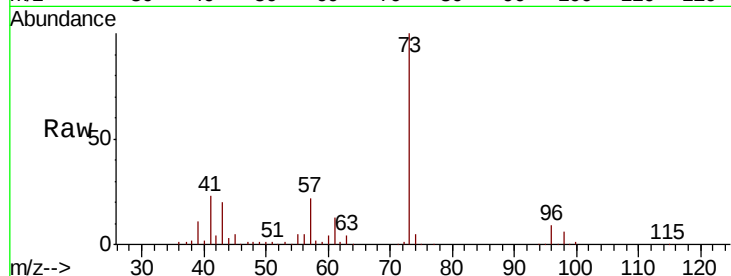


#25

Methyl tert-Butyl Ether
 Concen: 9.537 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

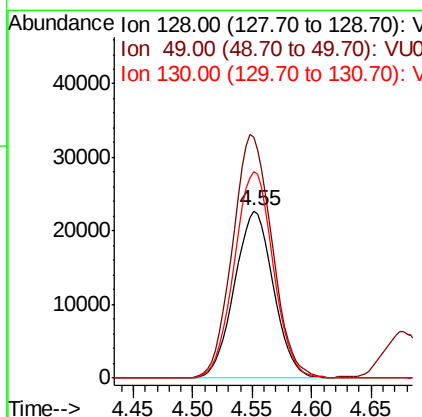
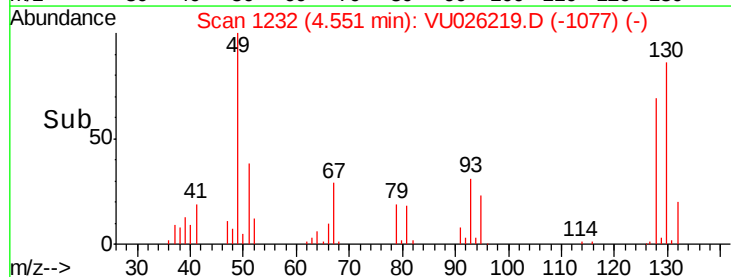
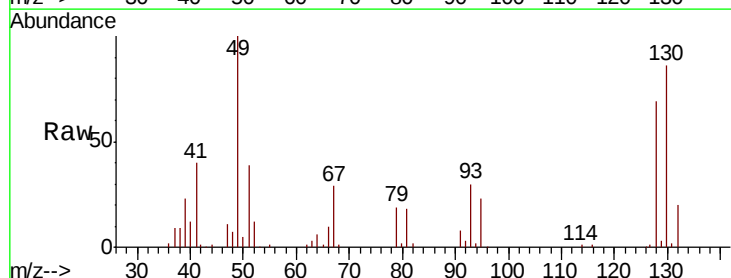
Tot Ion: 73 Resp: 204577
 Ion Ratio Lower Upper
 73 100
 43 21.6 16.2 24.2

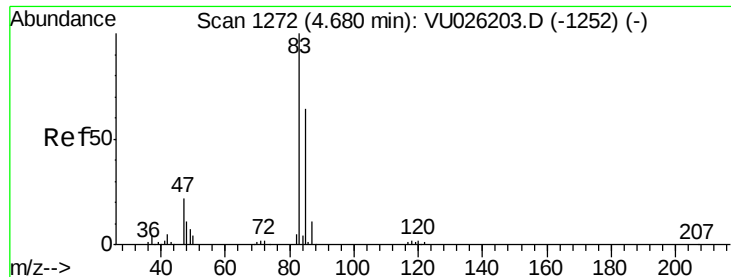


#26

Bromochloromethane
 Concen: 9.975 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion: 128 Resp: 51535
 Ion Ratio Lower Upper
 128 100
 49 147.3 0.0 375.2
 130 124.1 105.8 158.6

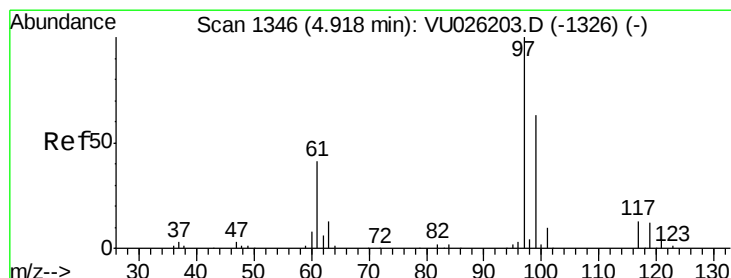
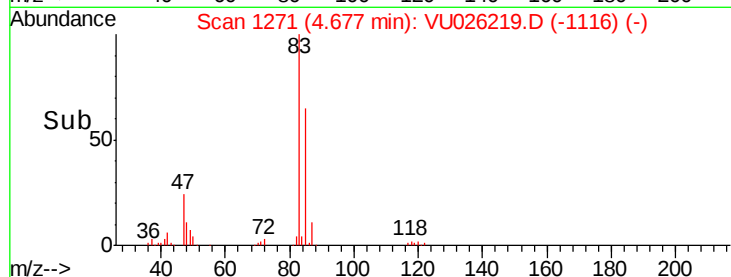
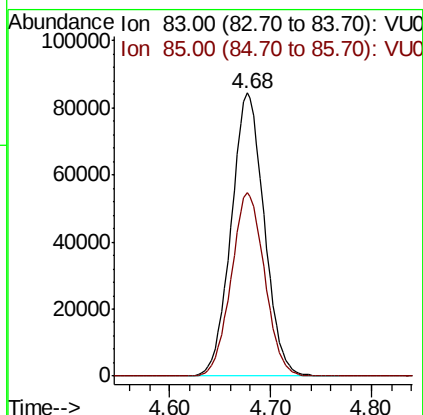
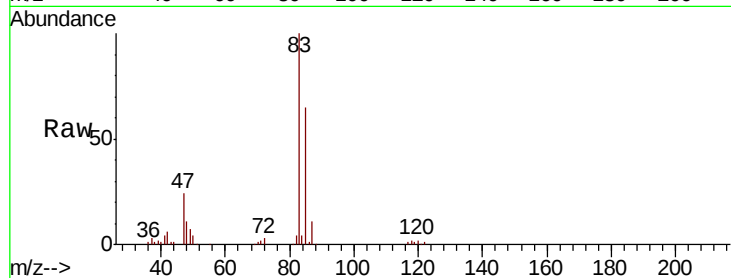




#27
Chloroform
Concen: 9.492 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

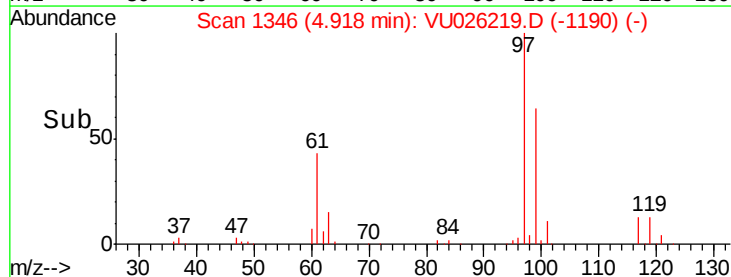
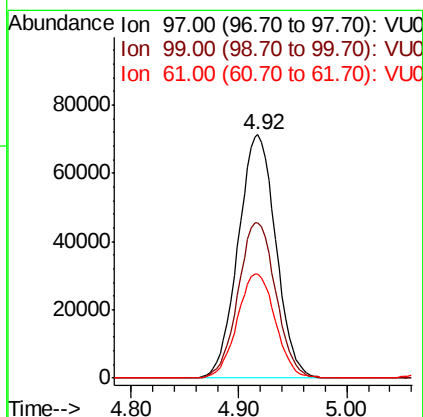
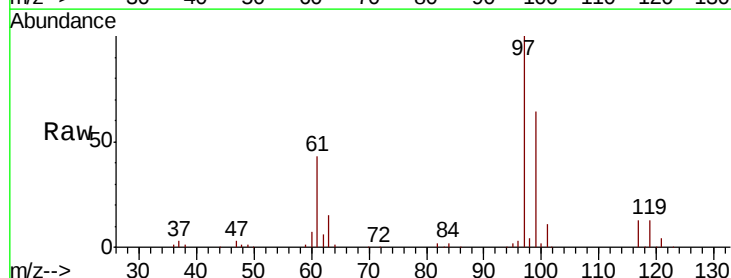
Instrument :
MSVOA_U
ClientSampled :

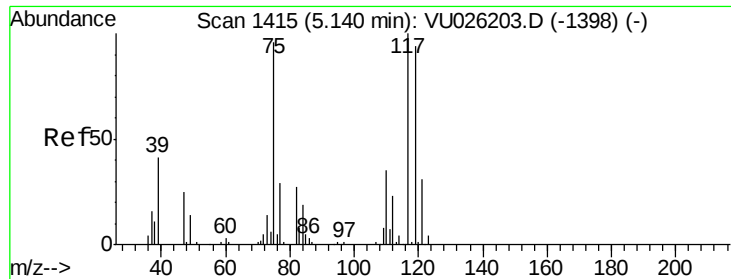
Tot Ion: 83 Resp: 191203
Ion Ratio Lower Upper
83 100
85 64.7 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 9.686 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion: 97 Resp: 173433
Ion Ratio Lower Upper
97 100
99 63.9 32.3 96.9
61 43.3 23.2 69.5

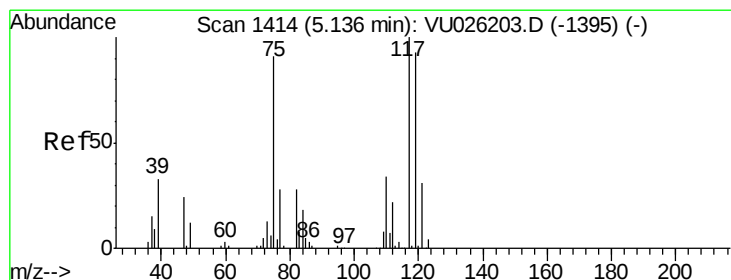
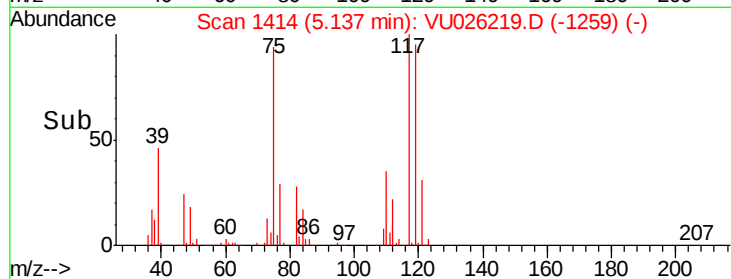
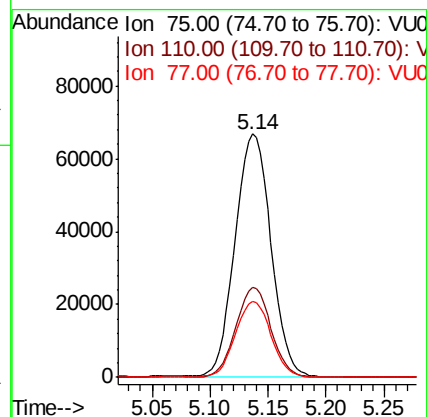
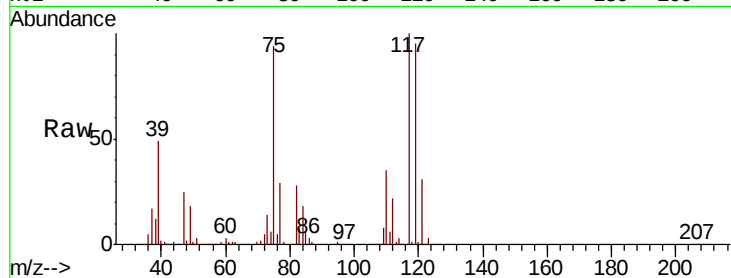




#29
 1,1-Dichloropropene
 Concen: 10.135 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

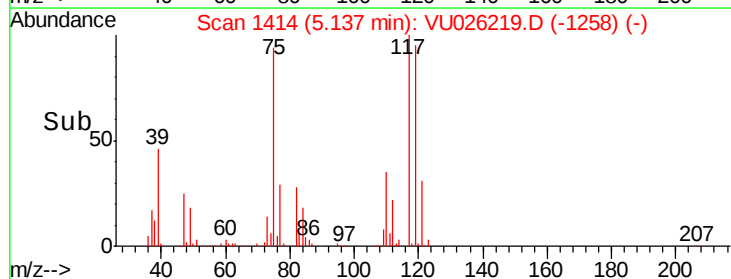
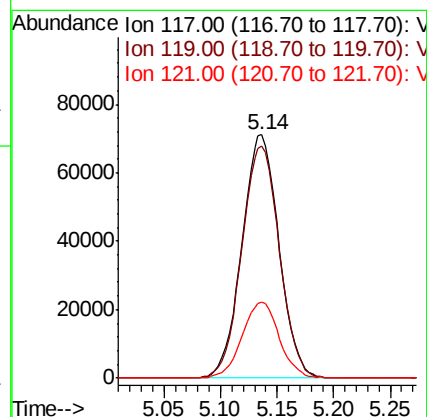
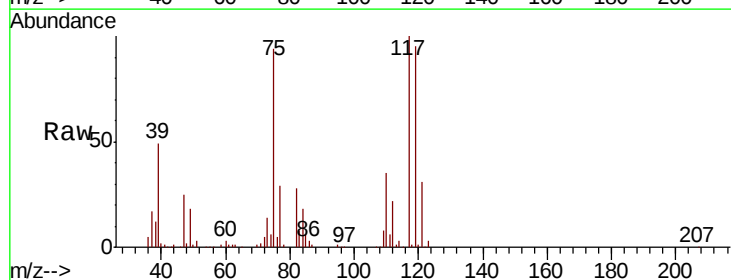
Instrument :
 MSVOA_U
 ClientSampleId :

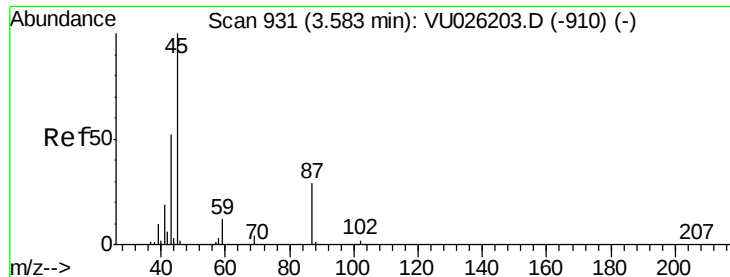
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.3	16.9	50.7
77	31.0	24.8	37.2



#30
 Carbon Tetrachloride
 Concen: 9.604 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.3	115.9
121	31.2	24.5	36.7





#31

Isopropyl Ether

Concen: 9.633 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

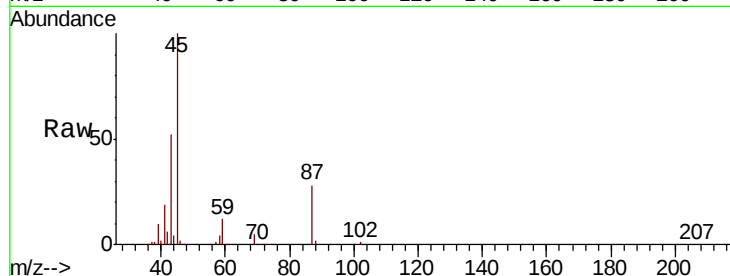
ClientSampleId :

Tot Ion: 45 Resp: 276457

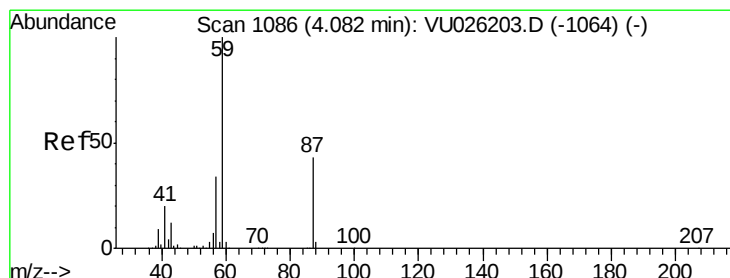
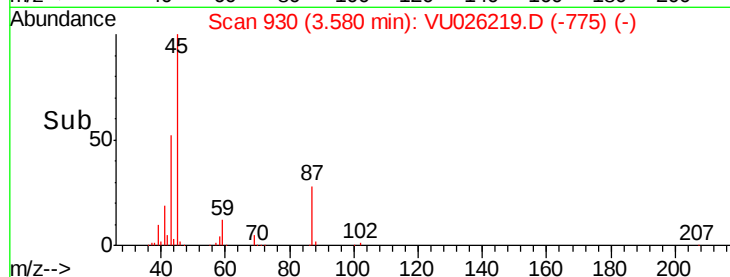
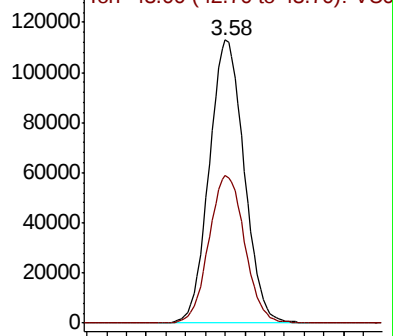
Ion Ratio Lower Upper

45 100

43 53.4 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU026219.D (-930) (-)



#32

Ethyl-t-butyl ether

Concen: 9.936 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VU026219.D

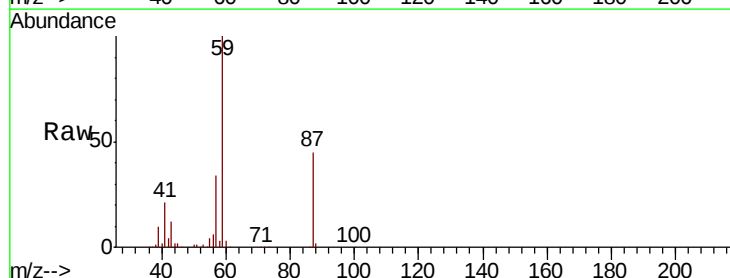
Acq: 20 Aug 2018 19:58

Tgt Ion: 59 Resp: 249777

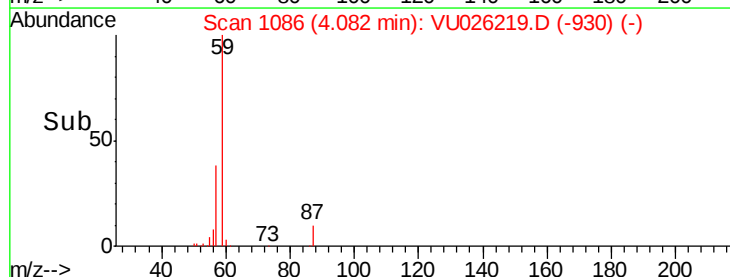
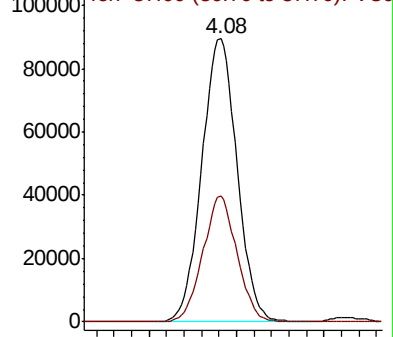
Ion Ratio Lower Upper

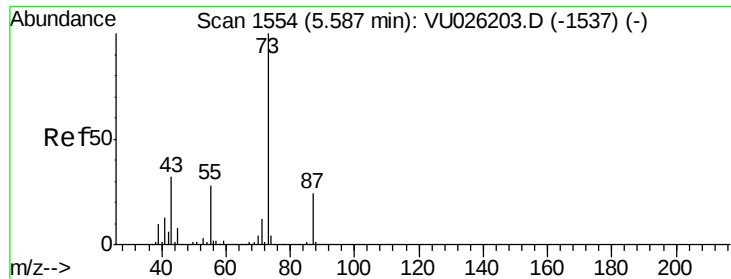
59 100

87 43.1 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU026219.D (-930) (-)



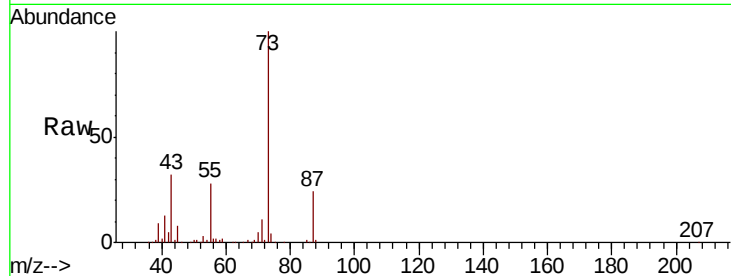


#33
 Tert-Butyl methyl ether
 Concen: 10.427 ug/l
 RT: 5.59 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

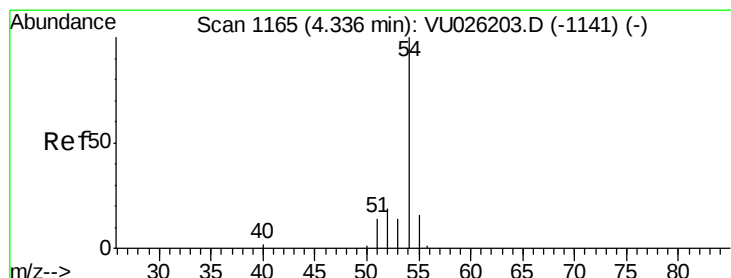
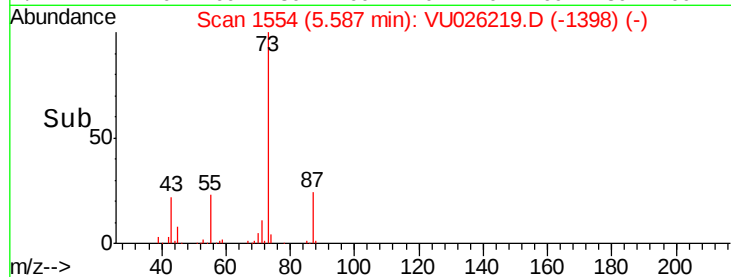
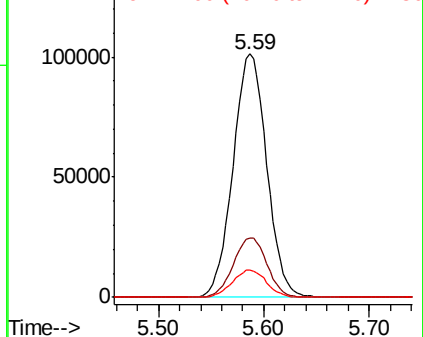
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 73 Resp: 223893

Ion	Ratio	Lower	Upper
73	100		
87	24.4	18.6	28.0
71	11.4	9.3	13.9



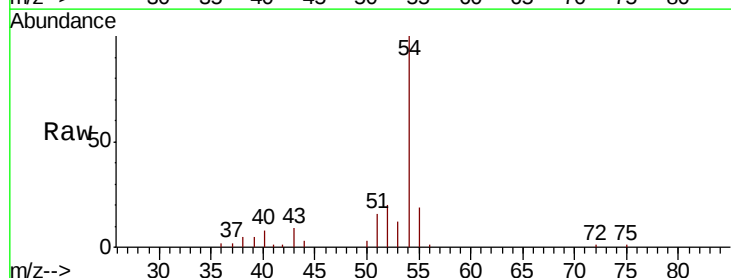
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



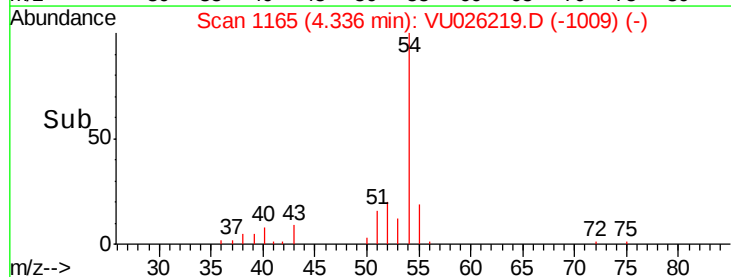
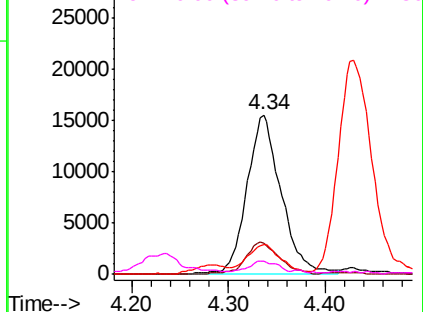
#34
 Propionitrile
 Concen: 50.129 ug/l
 RT: 4.34 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

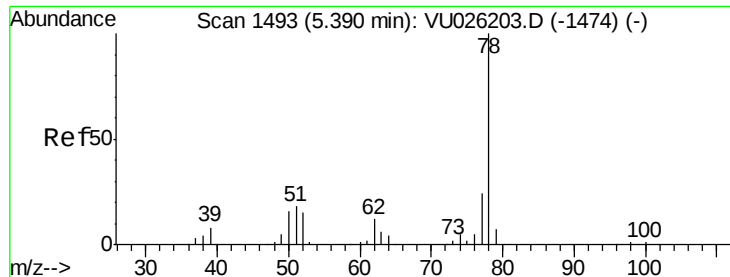
Tgt Ion: 54 Resp: 38125

Ion	Ratio	Lower	Upper
54	100		
52	19.4	13.7	20.5
55	17.7	10.2	15.2#
40	5.7	3.5	5.3#



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: 9.843 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

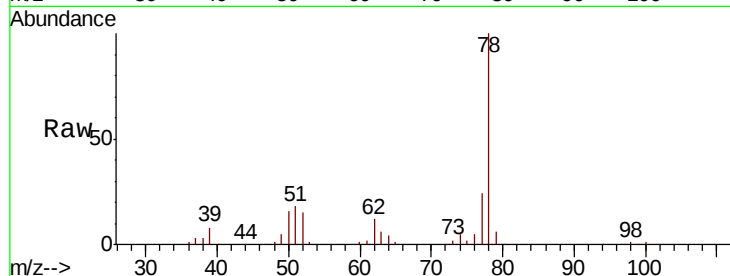
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 401903

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU026203.D (-1474) (-)

Ion 77.00 (76.70 to 77.70): VU026203.D (-1474) (-)

5.39

200000

150000

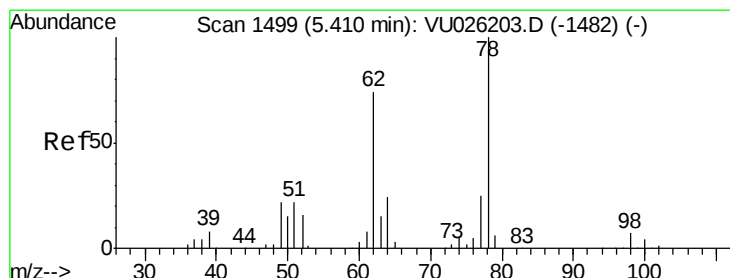
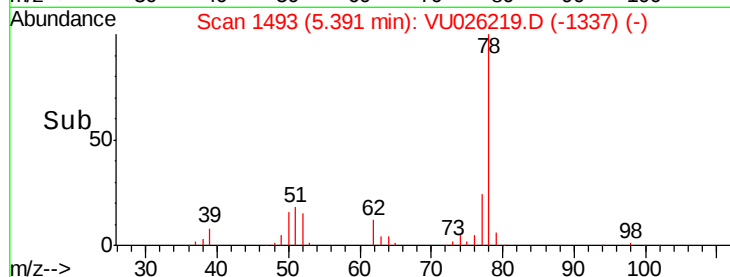
100000

50000

0

5.30 5.35 5.40 5.45 5.50

Time-->



#36

1,2-Dichloroethane

Concen: 9.671 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU026219.D

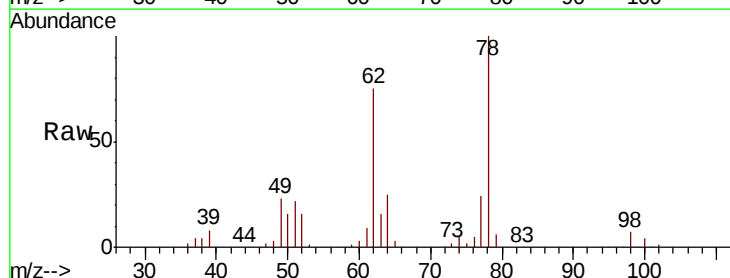
Acq: 20 Aug 2018 19:58

Tgt Ion: 62 Resp: 122396

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU026203.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VU026203.D (-1482) (-)

5.41

60000

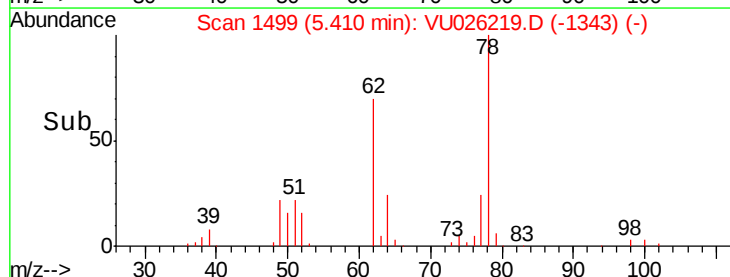
40000

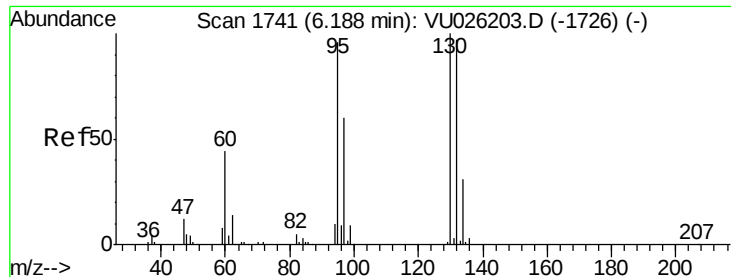
20000

0

5.30 5.40 5.50

Time-->

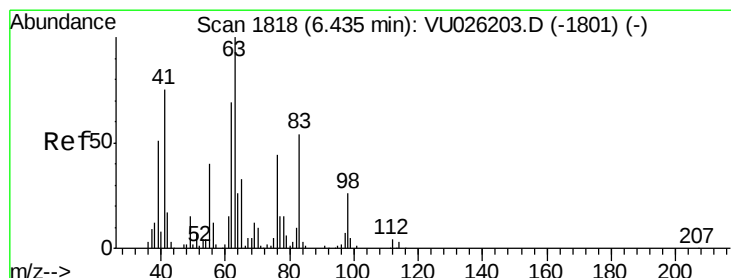
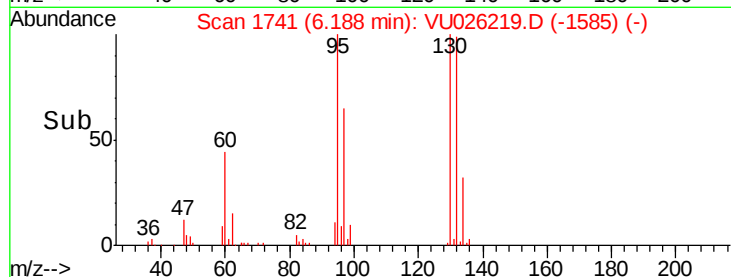
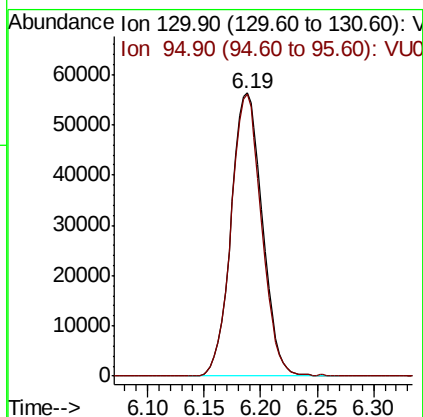
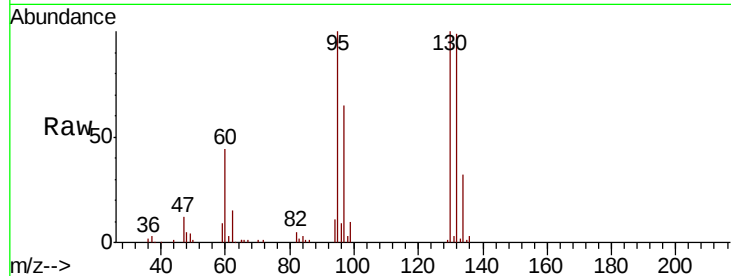




#37
 Trichloroethene
 Concen: 9.433 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

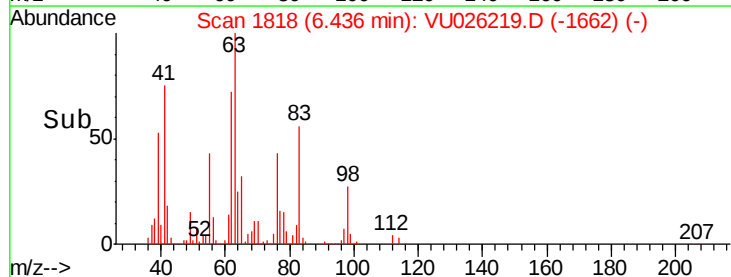
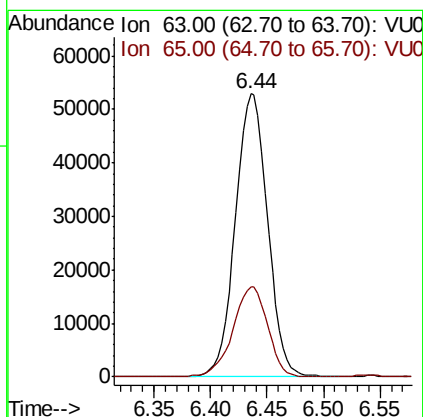
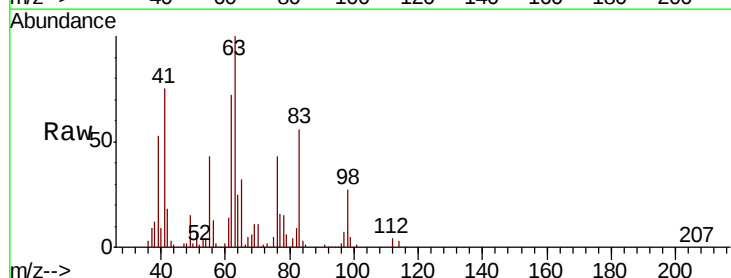
Instrument :
 MSVOA_U
 ClientSampleId :

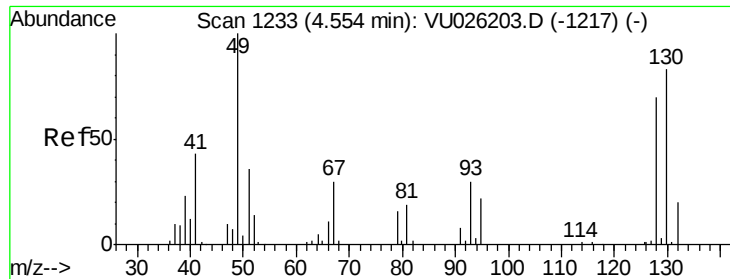
Tot Ion:130 Resp: 108366
 Ion Ratio Lower Upper
 130 100
 95 99.8 77.9 116.9



#38
 1,2-Dichloropropane
 Concen: 9.947 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion: 63 Resp: 105182
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.8 38.8

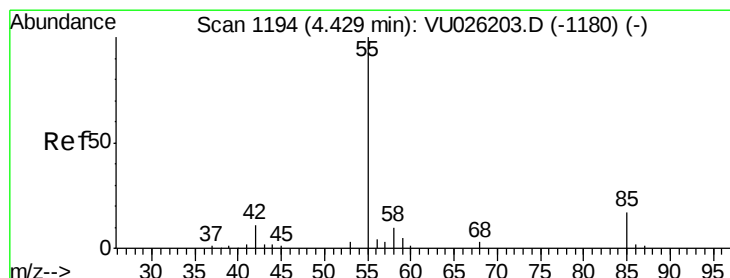
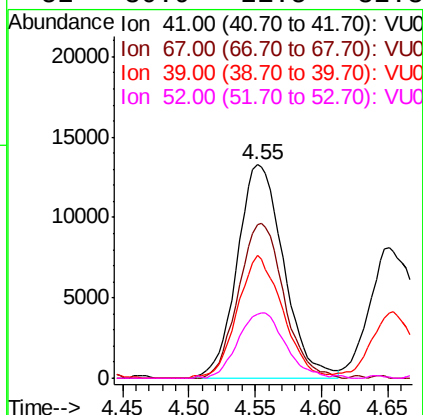
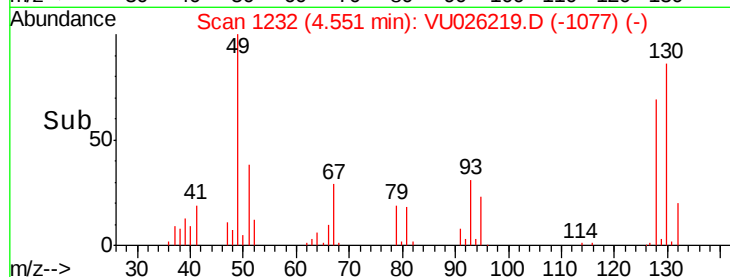
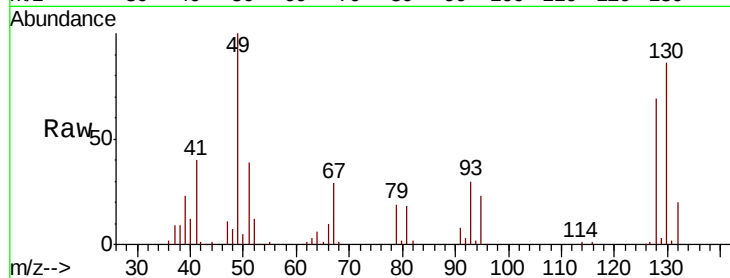




#39
Methacrylonitrile
Concen: 10.086 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

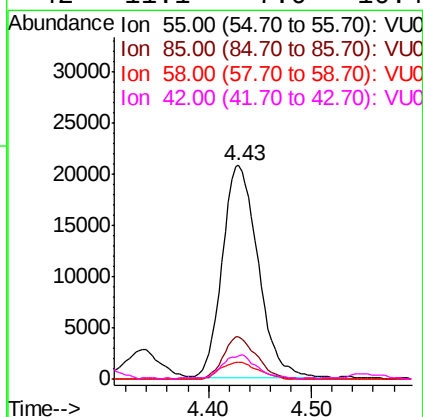
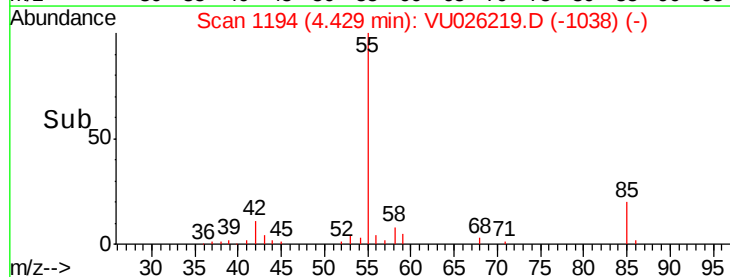
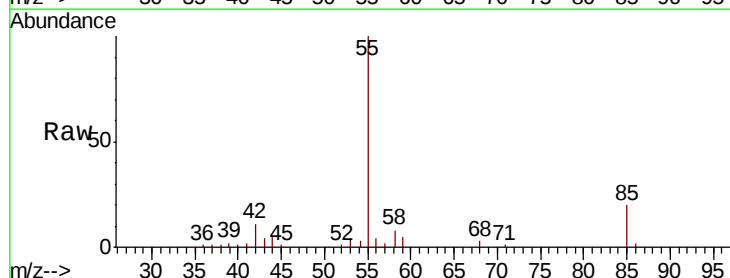
Instrument :
MSVOA_U
ClientSampleId :

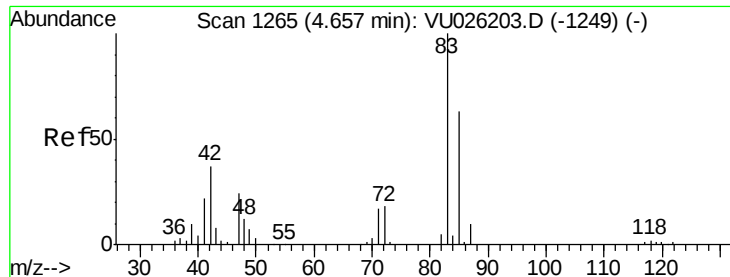
Tot Ion: 41 Resp: 32374
Ion Ratio Lower Upper
41 100
67 70.7 51.3 76.9
39 55.7 40.6 60.8
52 30.9 21.5 32.3



#40
Methyl acrylate
Concen: 10.331 ug/l
RT: 4.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion: 55 Resp: 50291
Ion Ratio Lower Upper
55 100
85 18.0 12.3 18.5
58 8.1 7.0 10.6
42 11.1 7.0 10.4#

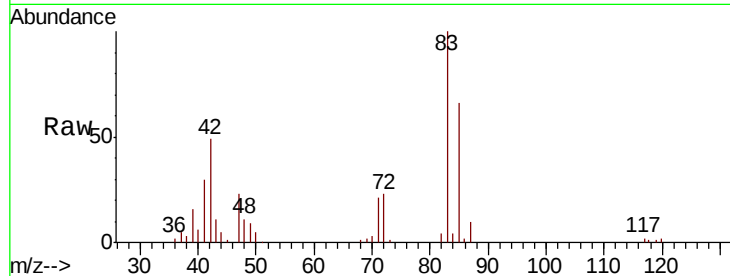




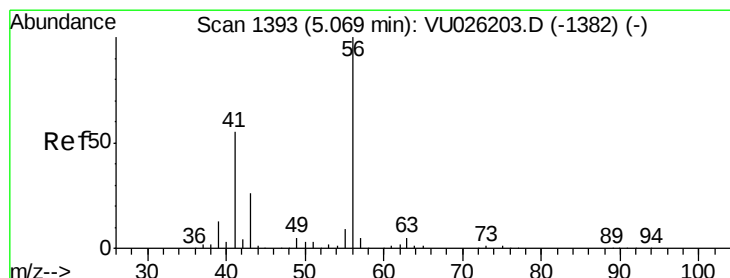
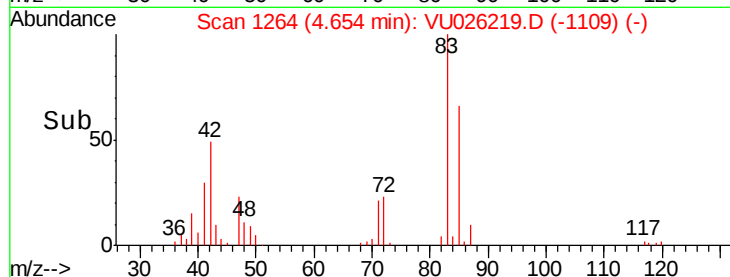
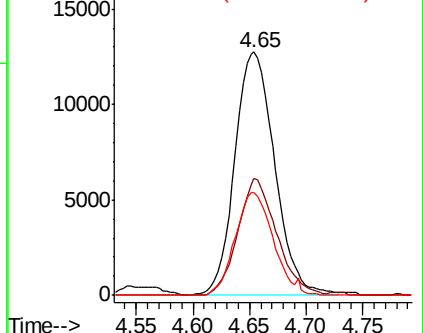
#41
Tetrahydrofuran
Concen: 17.565 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	33.2	49.8
71	40.4	29.8	44.8

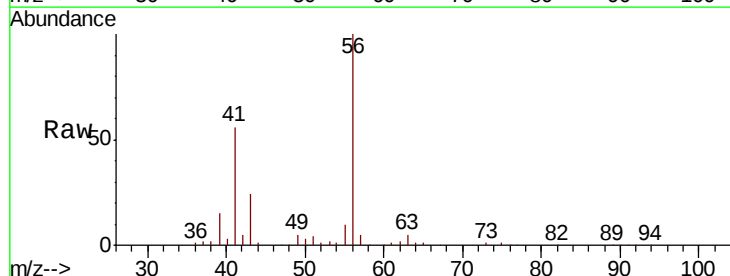


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

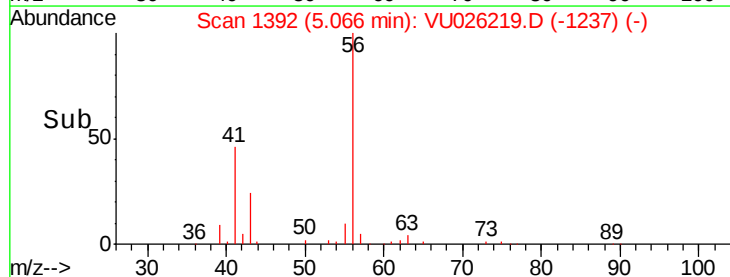
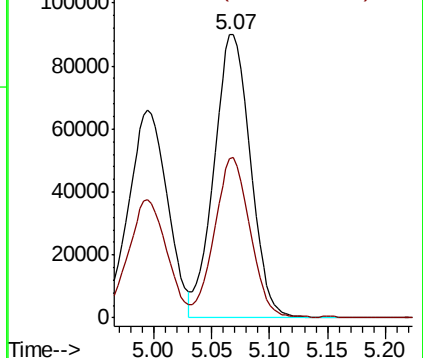


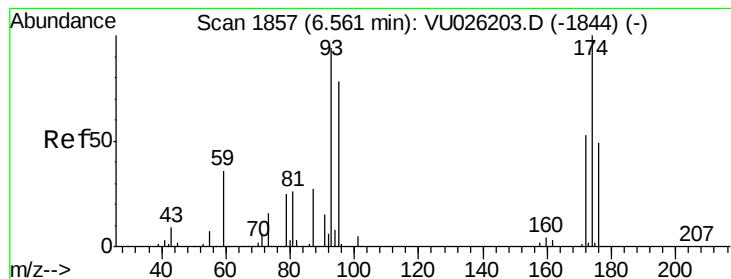
#42
1-Chlorobutane
Concen: 10.267 ug/l
RT: 5.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
56	100		
41	55.0	27.5	82.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 9.607 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

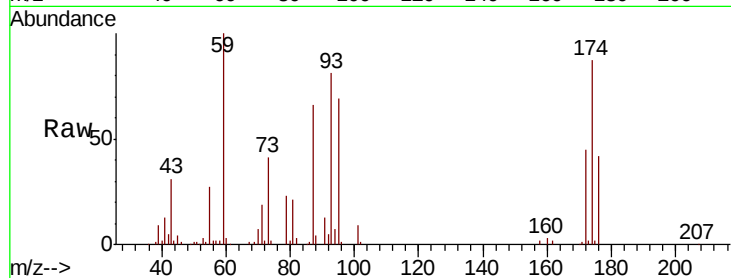
Tot Ion: 93 Resp: 53977

Ion Ratio Lower Upper

93 100

95 85.2 67.2 100.8

174 107.5 82.8 124.2

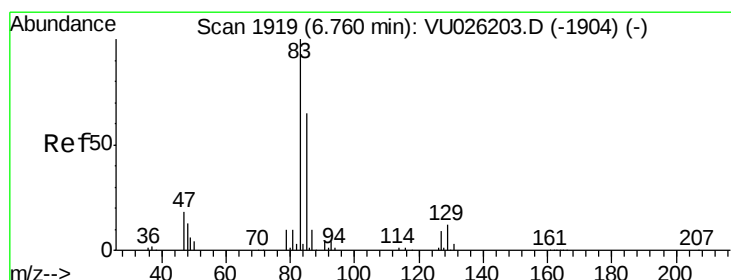
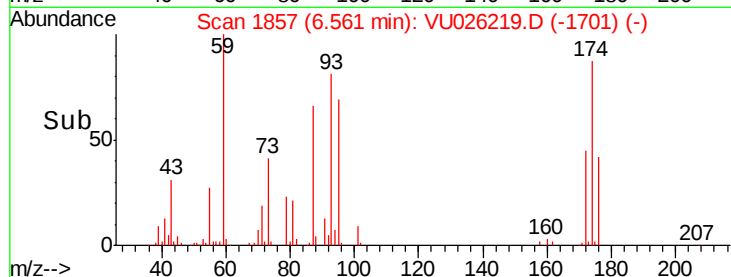
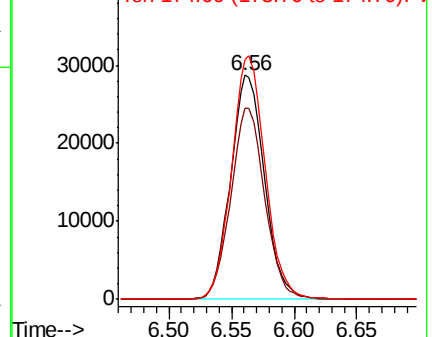


Abundance

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: 9.721 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

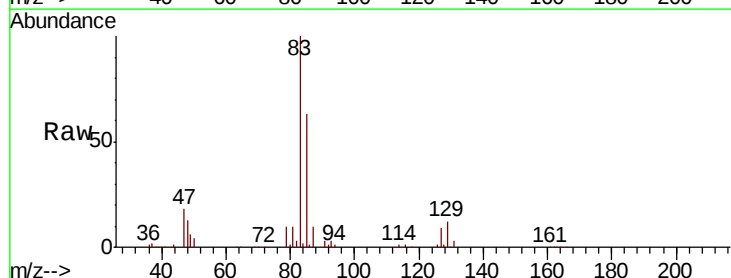
Tgt Ion: 83 Resp: 140975

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.4

127 9.1 7.0 10.4

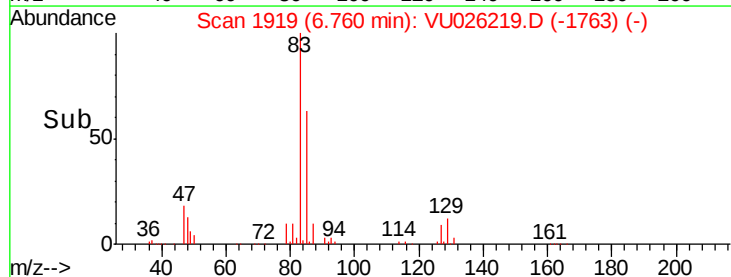
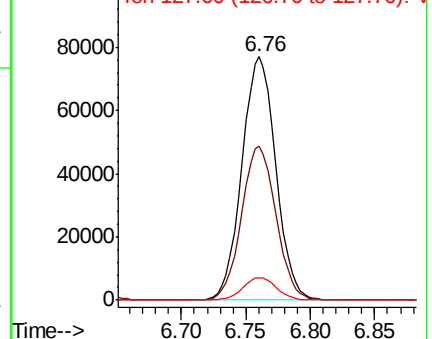


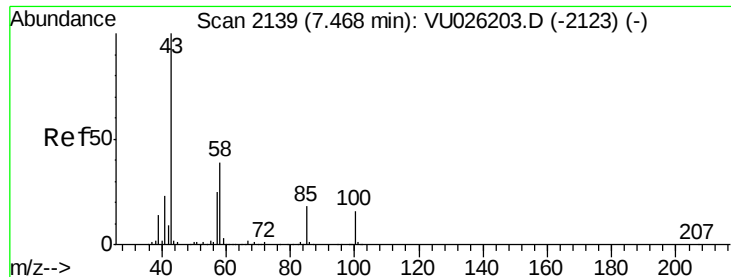
Abundance

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

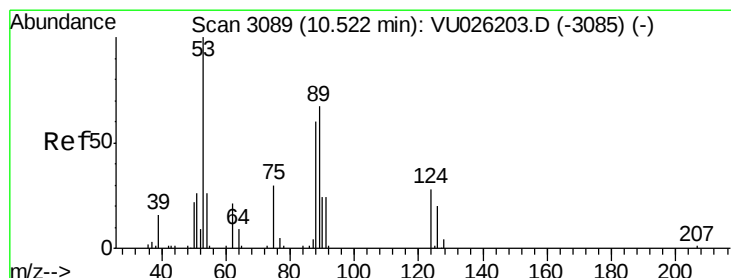
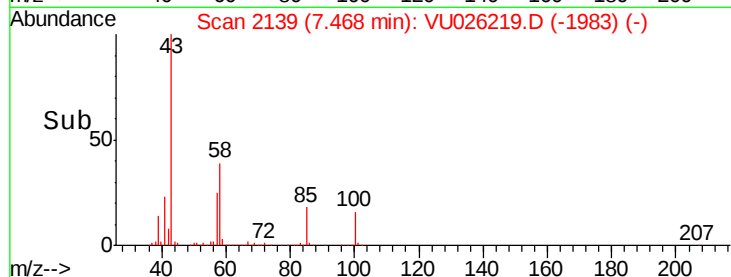
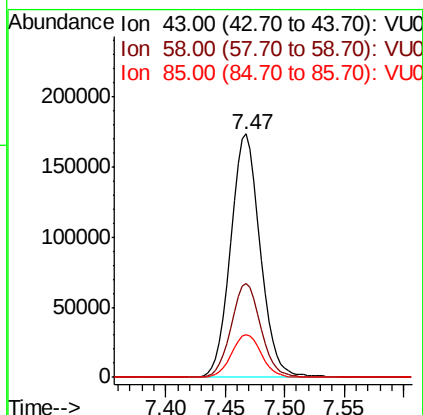
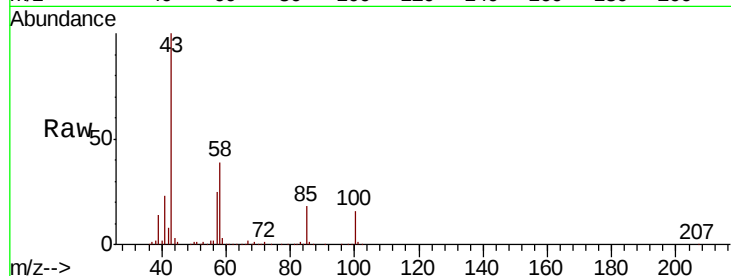




#45
 4-Methyl-2-Pentanone
 Concen: 52.593 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

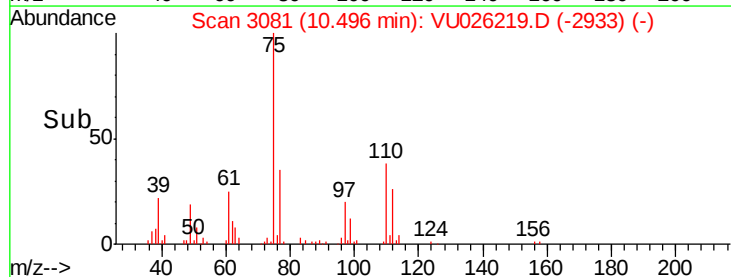
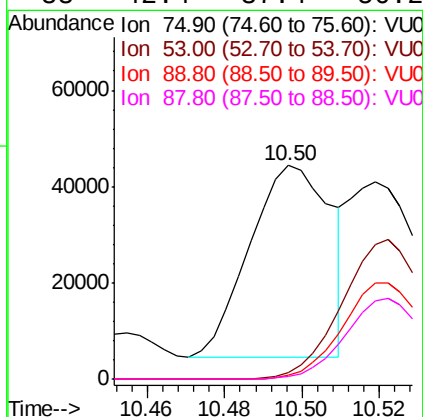
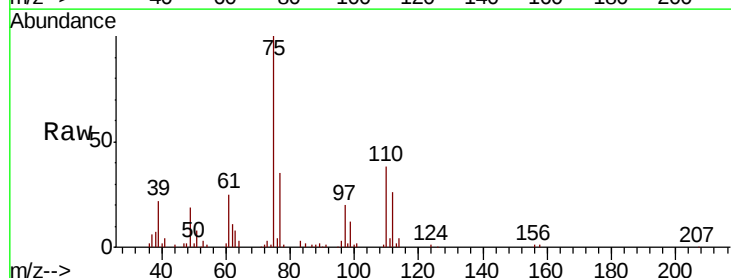
Instrument :
 MSVOA_U
 ClientSampleId :

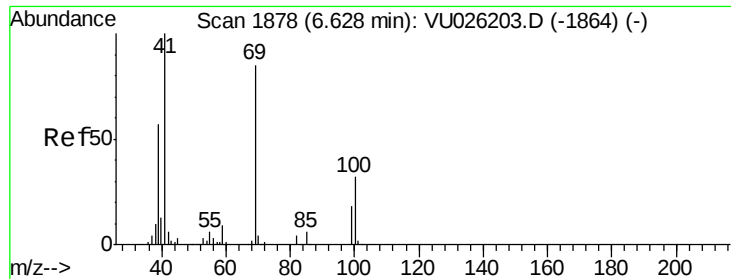
Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	18.8	56.4
85	17.7	12.6	19.0



#46
 t-1,4-Dichloro-2-butene
 Concen: 20.123 ug/l
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.03 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
53	76.0	82.2	123.4#
89	51.8	51.3	76.9
88	42.4	37.4	56.2

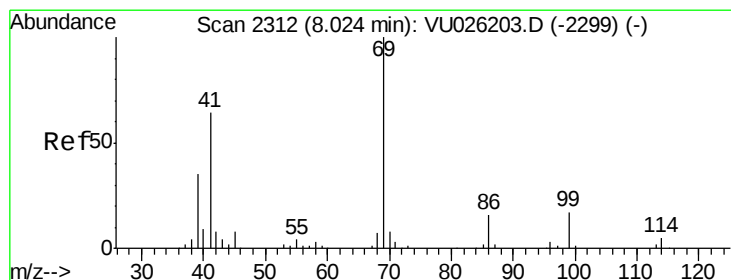
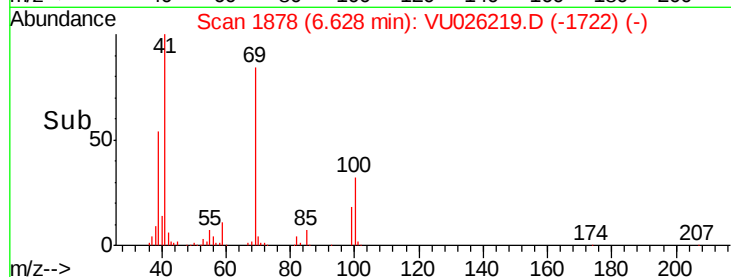
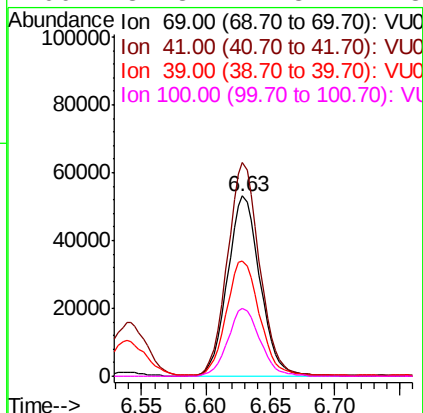
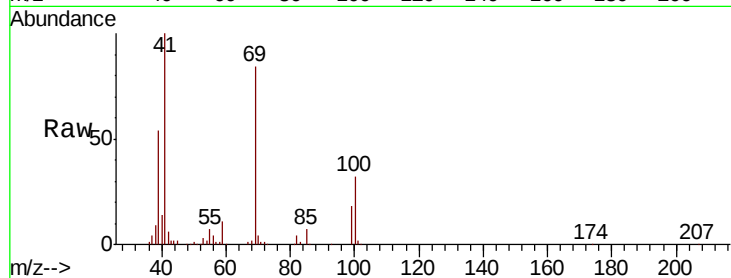




#47
Methyl methacrylate
Concen: 21.726 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

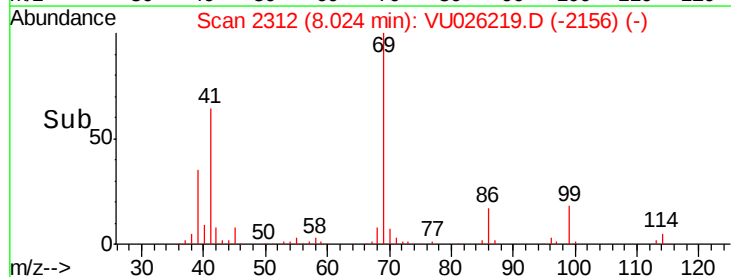
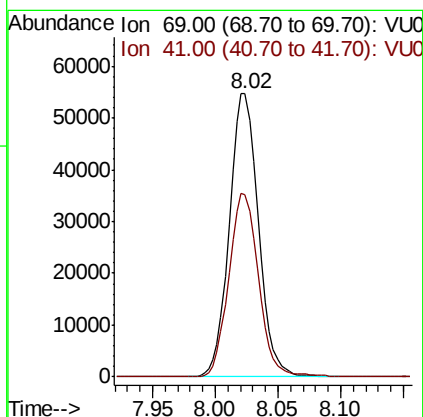
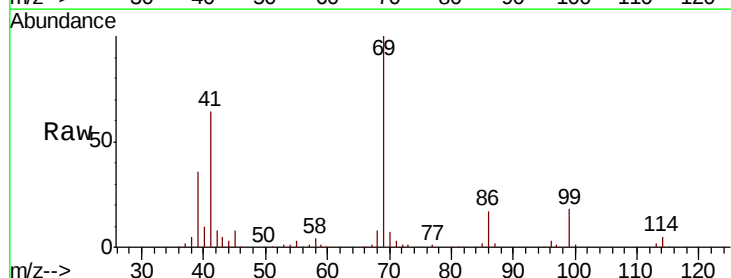
Instrument :
MSVOA_U
ClientSampled :

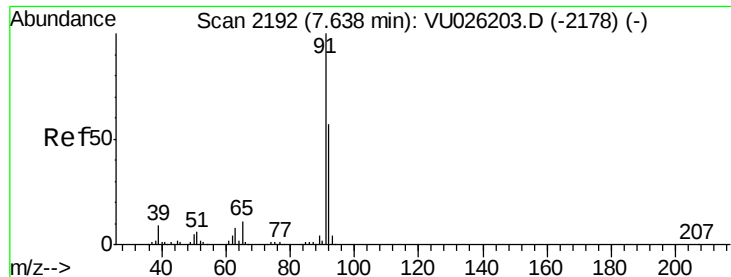
Tot Ion: 69 Resp: 93259
Ion Ratio Lower Upper
69 100
41 116.7 0.0 245.4
39 64.5 49.0 73.4
100 37.3 27.8 41.8



#48
Ethyl methacrylate
Concen: 11.232 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion: 69 Resp: 88235
Ion Ratio Lower Upper
69 100
41 66.4 34.2 102.5





#49

Toluene

Concen: 10.571 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

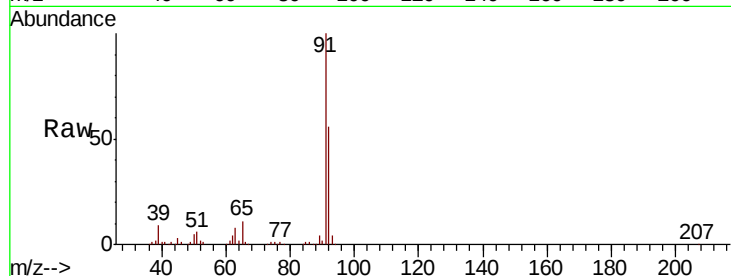
ClientSampleId :

Tot Ion: 92 Resp: 246435

Ion Ratio Lower Upper

92 100

91 178.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU026219.D (-2036) (-)

Ion 91.00 (90.70 to 91.70): VU026219.D (-2036) (-)

300000

250000

200000

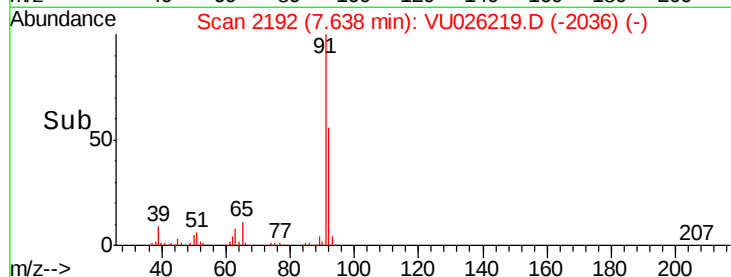
150000

100000

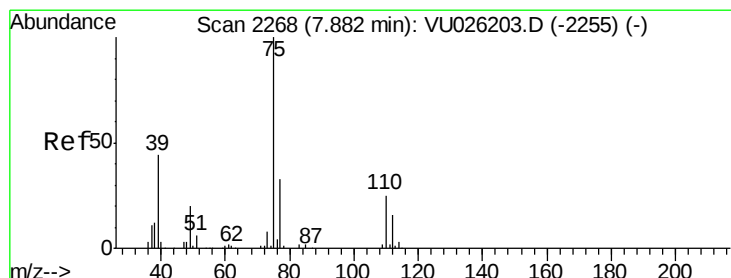
50000

0

7.55 7.60 7.65 7.70 7.75



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.203 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU026219.D

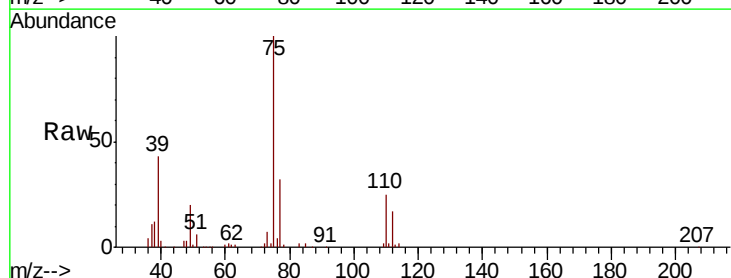
Acq: 20 Aug 2018 19:58

Tgt Ion: 75 Resp: 126239

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU026219.D (-2112) (-)

Ion 77.00 (76.70 to 77.70): VU026219.D (-2112) (-)

80000

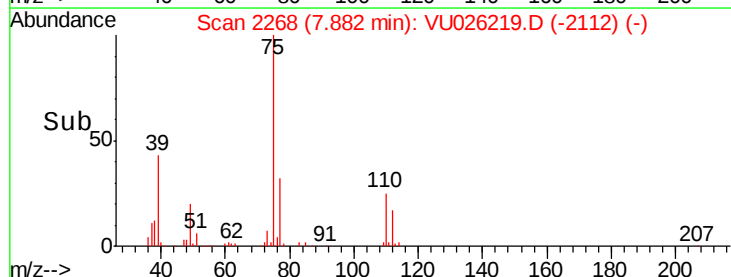
60000

40000

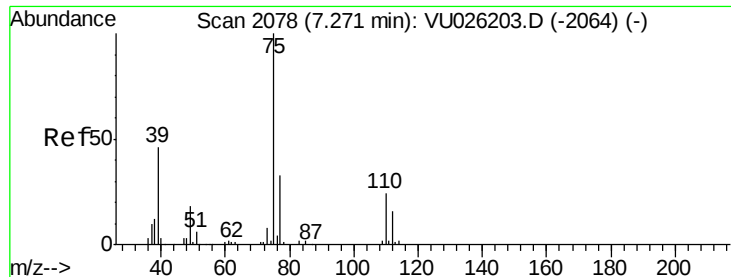
20000

0

7.80 7.85 7.90 7.95 8.00



Time-->

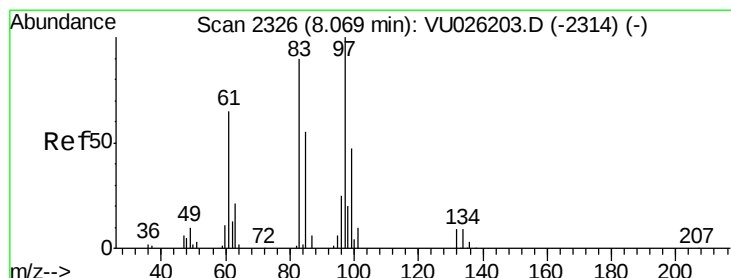
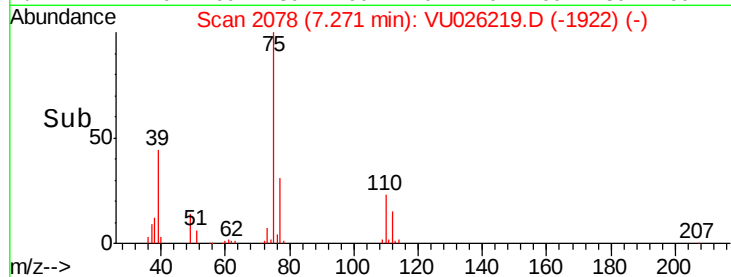
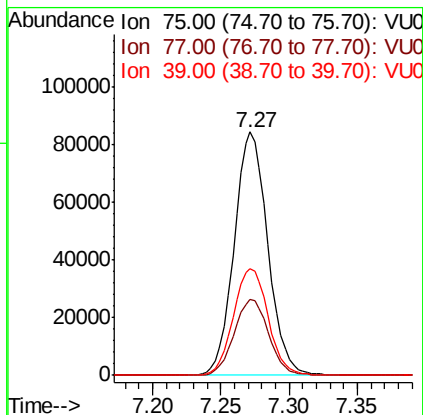
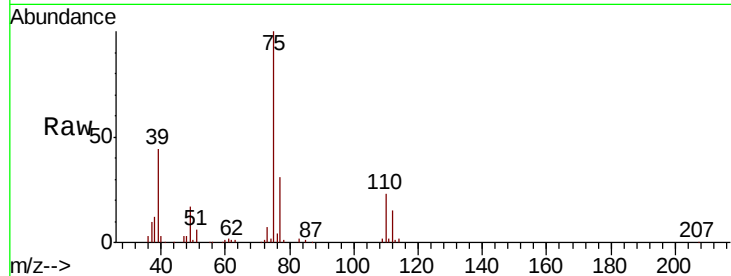


#51

cis-1,3-Dichloropropene
 Concen: 10.033 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

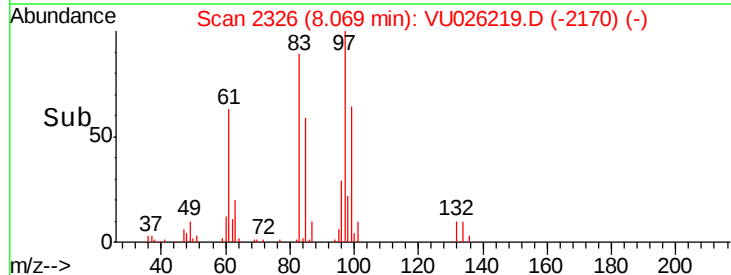
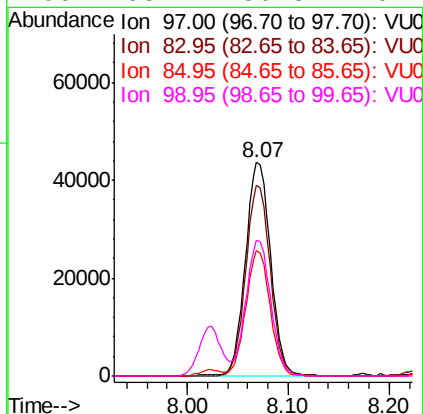
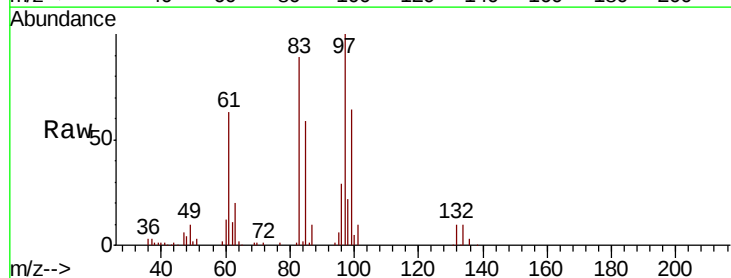
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.2	37.8
39	43.9	36.4	54.6

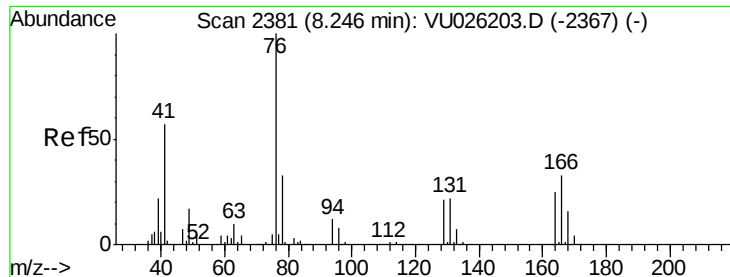


#52

1,1,2-Trichloroethane
 Concen: 9.851 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.4	72.6	109.0
85	58.6	47.2	70.8
99	63.7	50.8	76.2

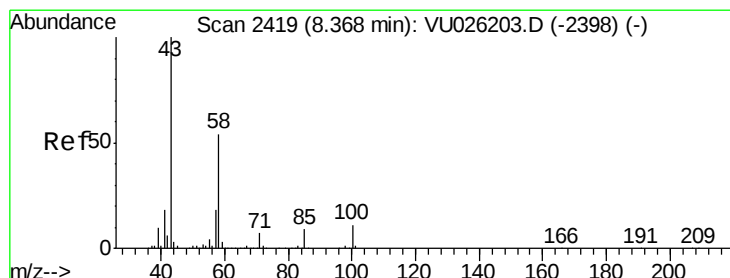
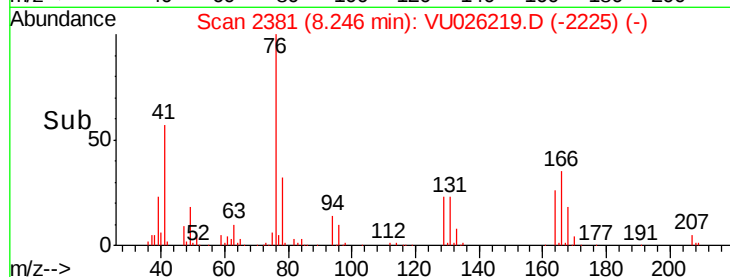
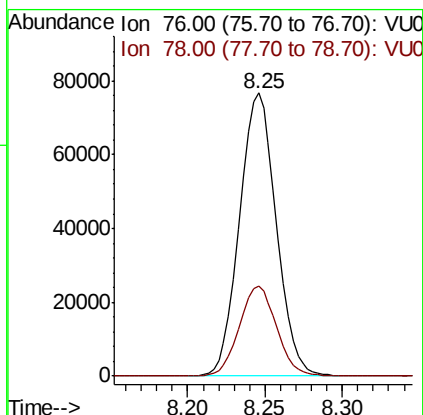
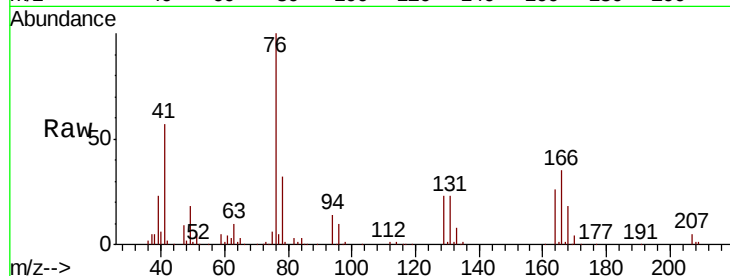




#53
 1,3-Dichloropropane
 Concen: 10.014 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

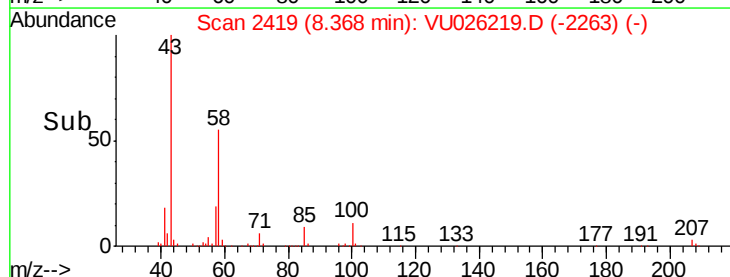
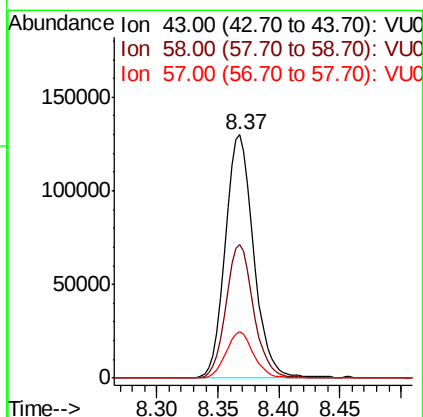
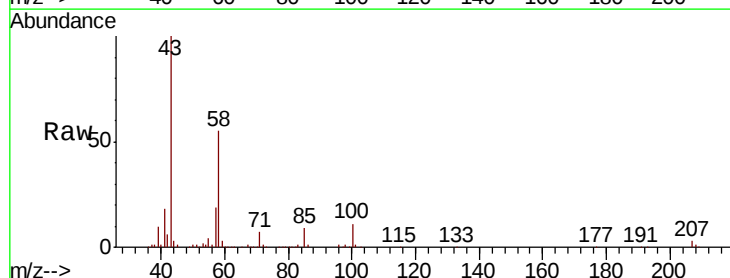
Instrument :
 MSVOA_U
 ClientSampleId :

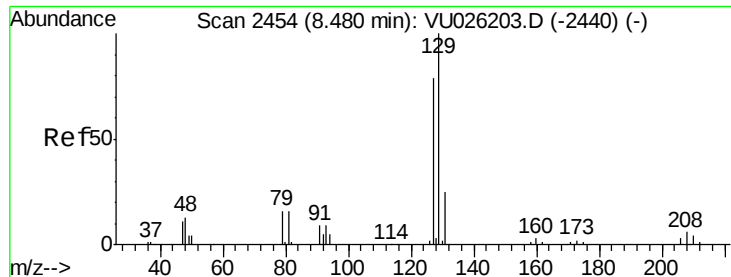
Tot Ion: 76 Resp: 126767
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#54
 2-Hexanone
 Concen: 52.487 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion: 43 Resp: 212807
 Ion Ratio Lower Upper
 43 100
 58 53.6 32.5 72.5
 57 18.5 0.0 37.9





#55

Dibromochloromethane

Concen: 9.594 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

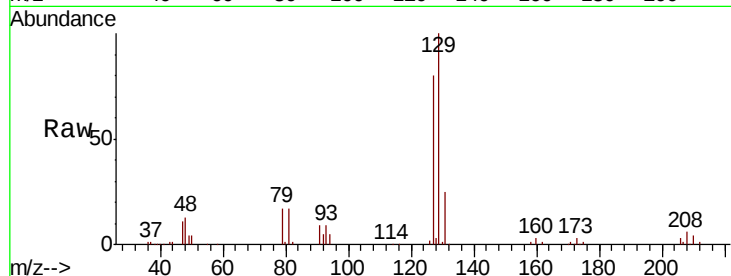
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 97714

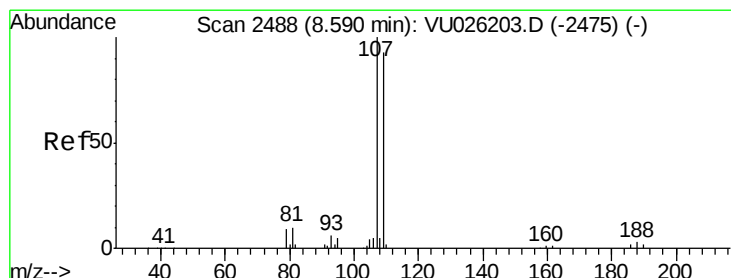
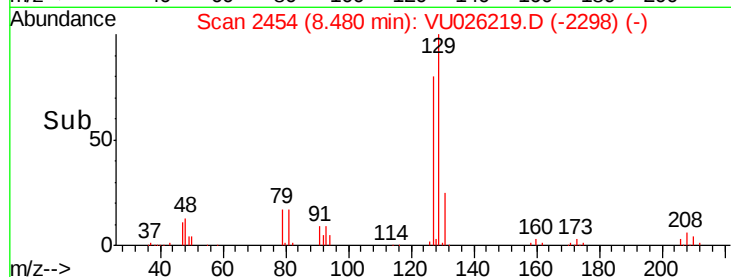
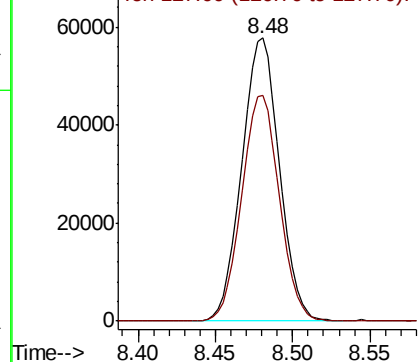
Ion Ratio Lower Upper

129 100

127 79.9 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 9.562 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU026219.D

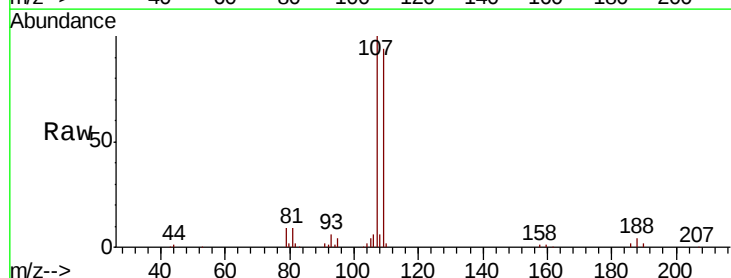
Acq: 20 Aug 2018 19:58

Tgt Ion:107 Resp: 70888

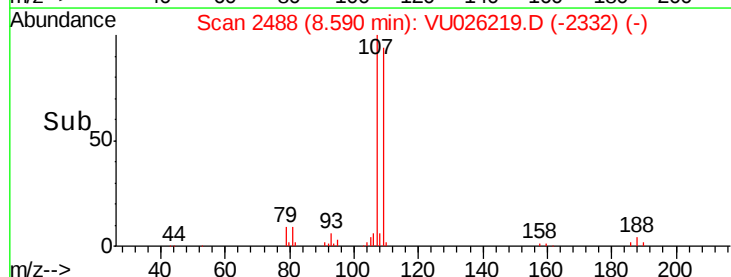
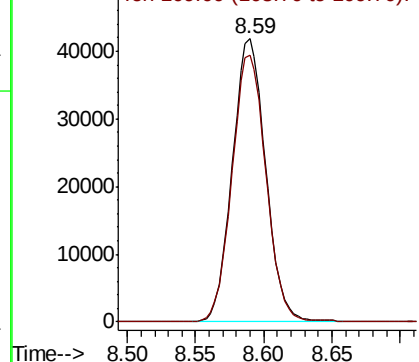
Ion Ratio Lower Upper

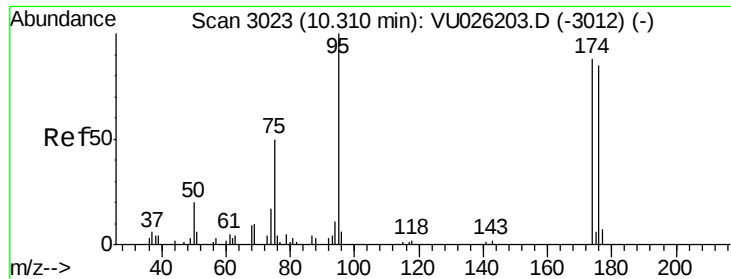
107 100

109 95.9 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

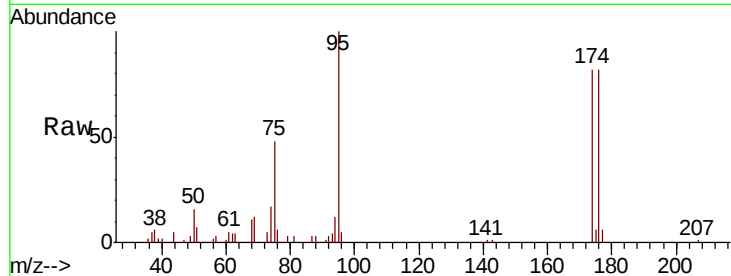




#57
4-Bromofluorobenzene
Concen: 9.562 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	84.6	65.6	98.4
176	82.6	62.0	93.0

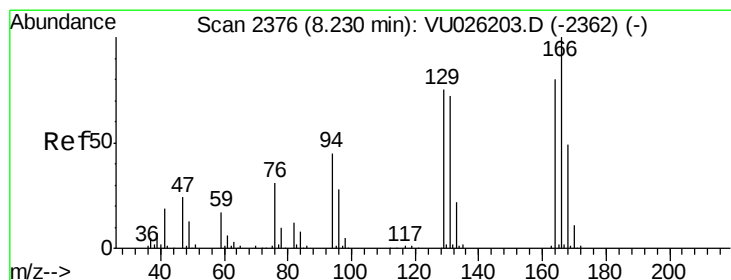
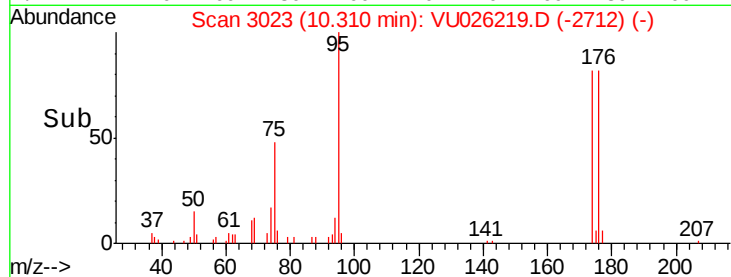
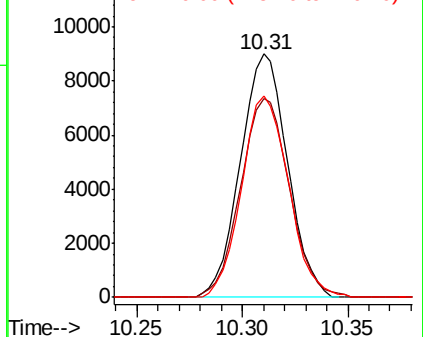


Abundance

Ion 95.00 (94.70 to 95.70): VU026219.D (-2220) (-)

Ion 174.00 (173.70 to 174.70): VU026219.D (-2220) (-)

Ion 176.00 (175.70 to 176.70): VU026219.D (-2220) (-)



#58
Tetrachloroethene
Concen: 9.817 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	104.1	156.1
129	92.5	76.8	115.2
131	90.9	72.6	108.8

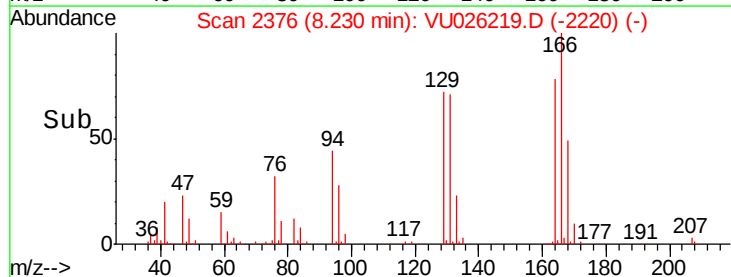
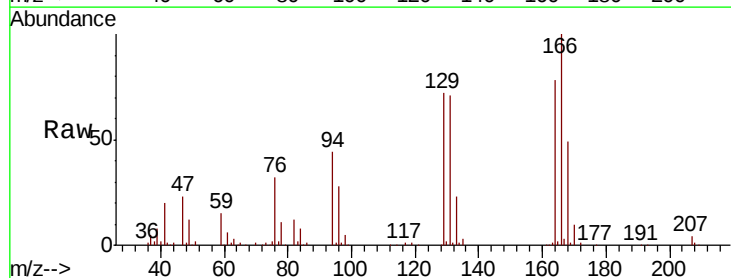
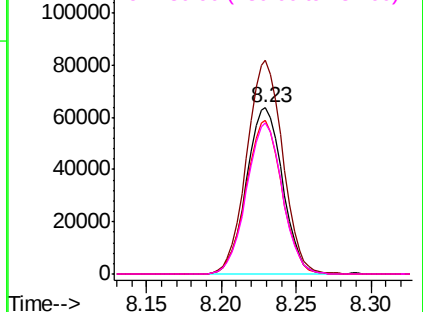
Abundance

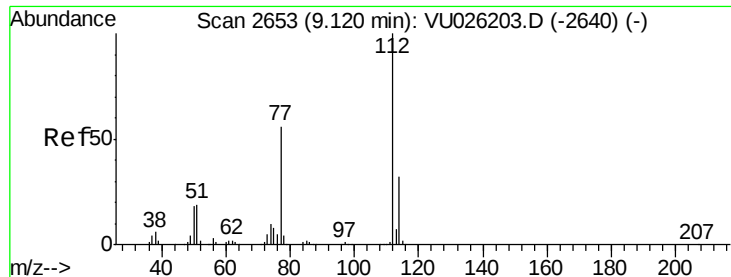
Ion 163.85 (163.55 to 164.55): VU026219.D (-2220) (-)

Ion 165.80 (165.50 to 166.50): VU026219.D (-2220) (-)

Ion 128.90 (128.60 to 129.60): VU026219.D (-2220) (-)

Ion 130.90 (130.60 to 131.60): VU026219.D (-2220) (-)

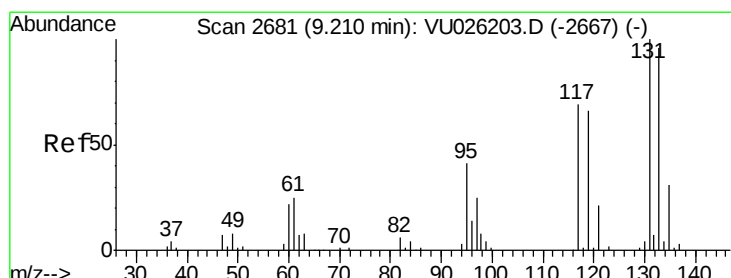
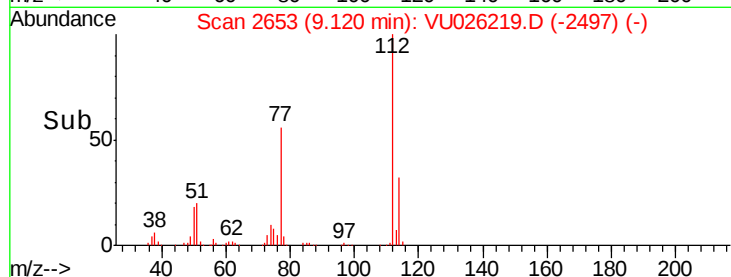
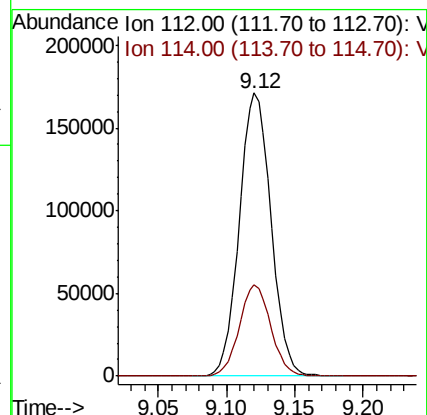
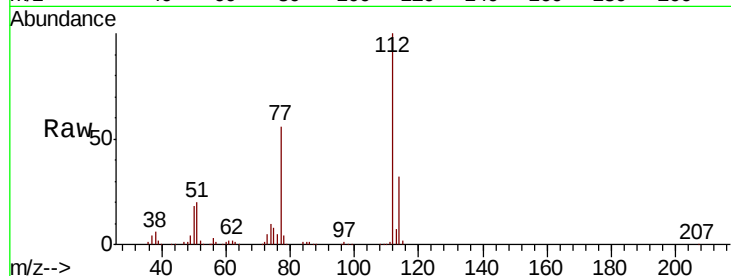




#59
Chlorobenzene
Concen: 10.216 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

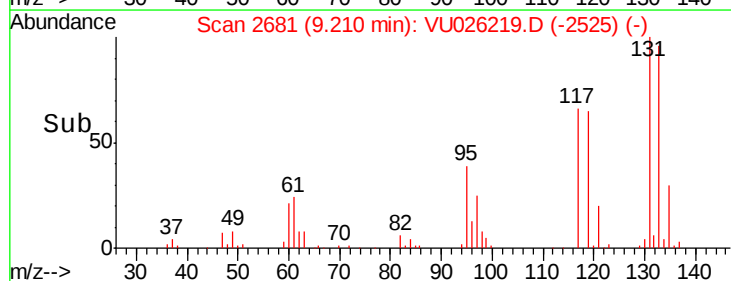
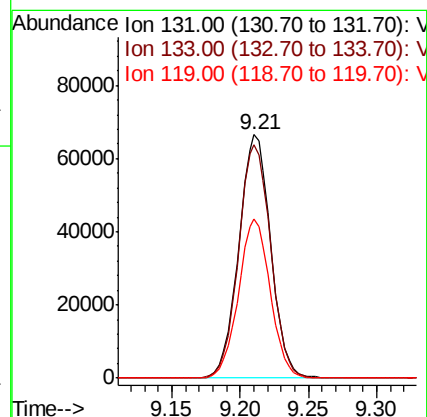
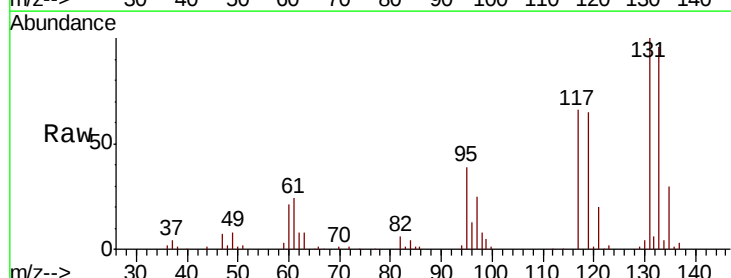
Instrument :
MSVOA_U
ClientSampleId :

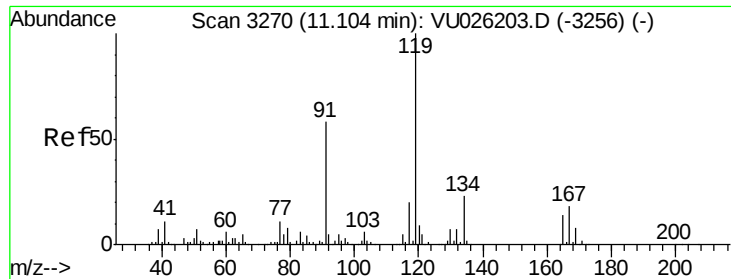
Tot Ion:112 Resp: 275881
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 10.013 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion:131 Resp: 107821
Ion Ratio Lower Upper
131 100
133 97.0 75.8 113.8
119 65.0 53.0 79.6

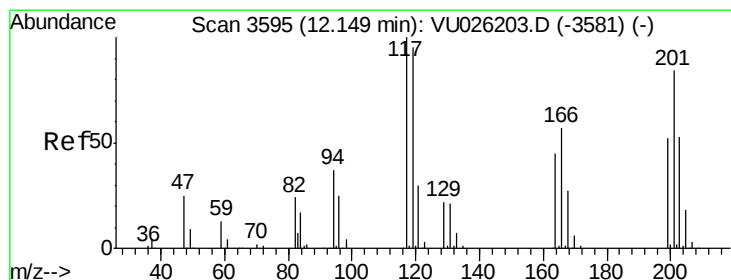
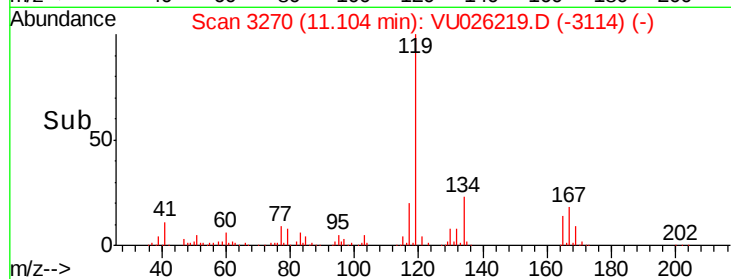
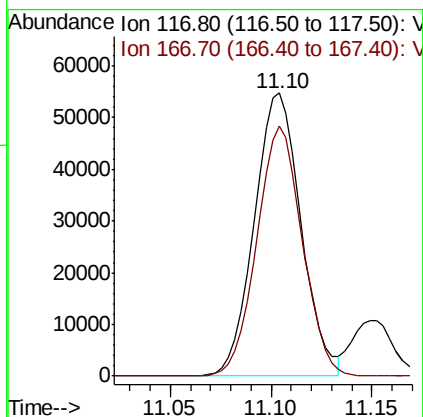
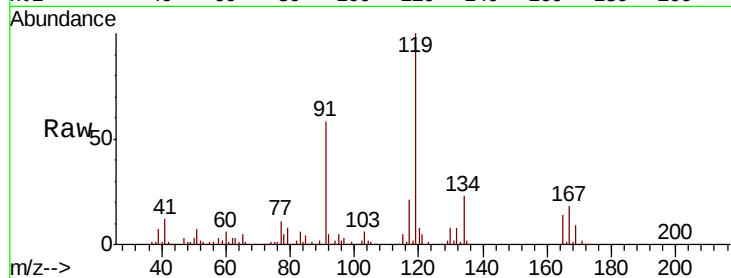




#61
 Pentachloroethane
 Concen: 9.634 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

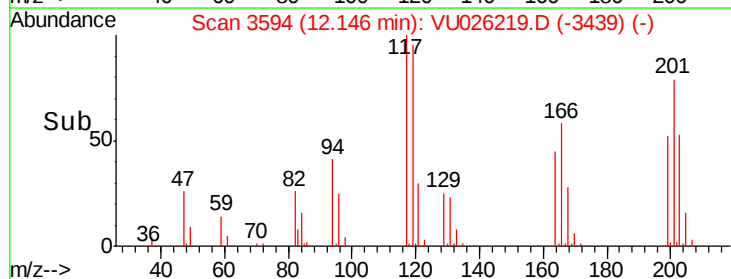
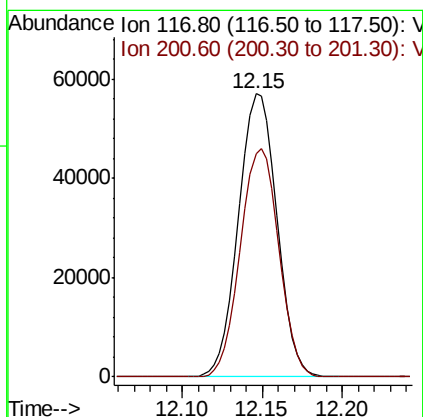
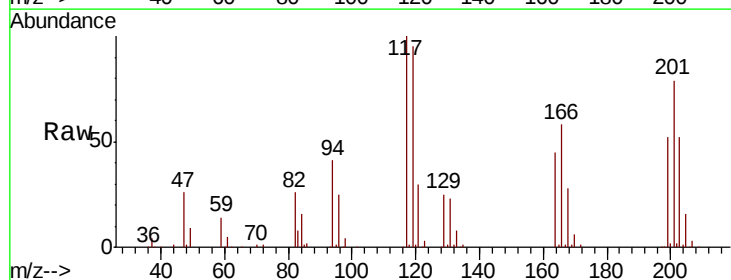
Instrument :
 MSVOA_U
 ClientSampleId :

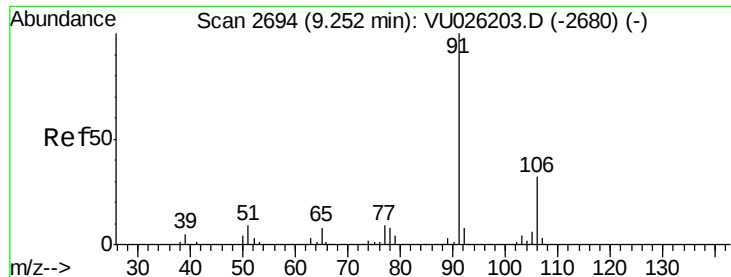
Tot Ion:117 Resp: 88503
 Ion Ratio Lower Upper
 117 100
 167 85.9 69.2 103.8



#62
 Hexachloroethane
 Concen: 10.217 ug/l
 RT: 12.15 min Scan# 3594
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion:117 Resp: 93644
 Ion Ratio Lower Upper
 117 100
 201 80.8 68.7 103.1

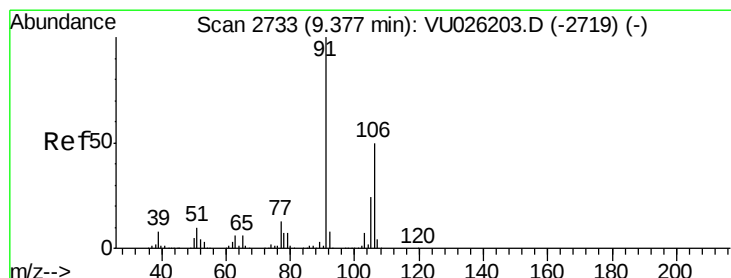
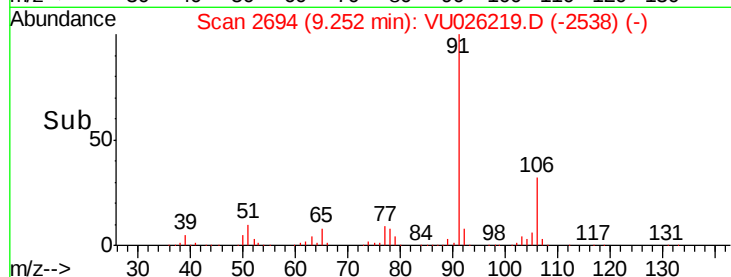
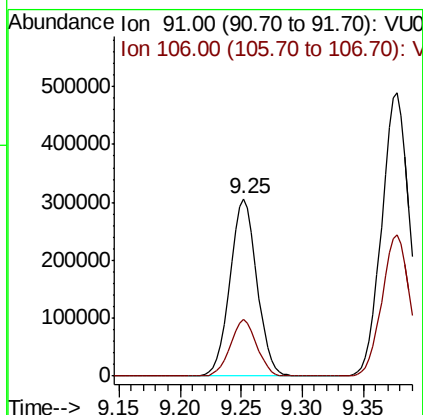
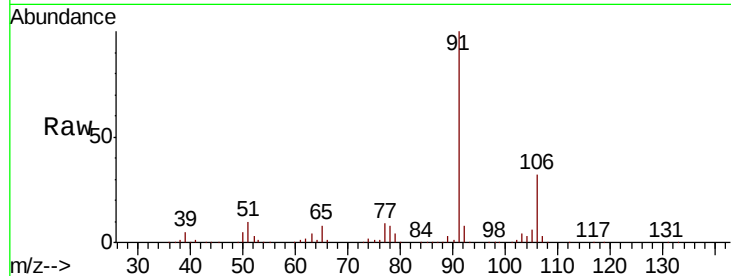




#63
Ethyl Benzene
Concen: 11.030 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

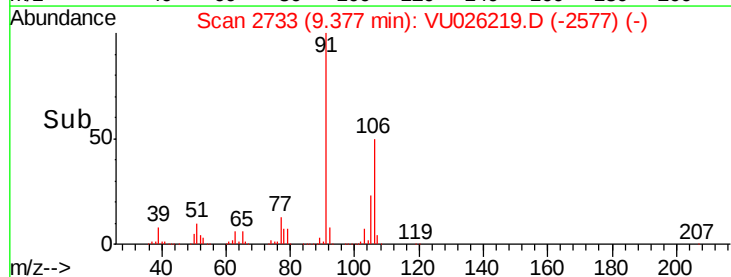
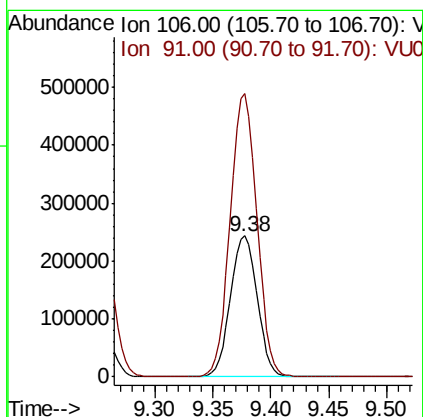
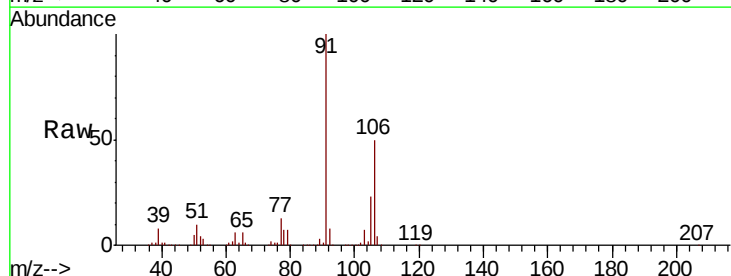
Instrument :
MSVOA_U
ClientSampleId :

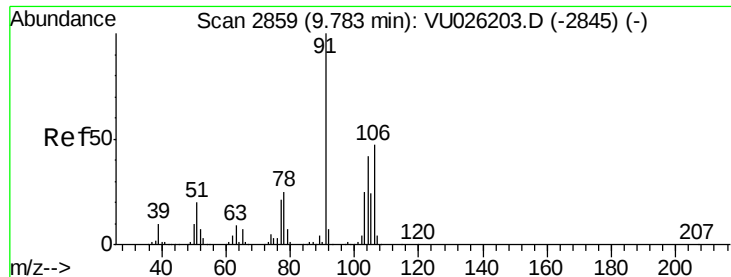
Tot Ion: 91 Resp: 472614
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1



#64
m/p-Xylenes
Concen: 22.816 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion: 106 Resp: 390249
Ion Ratio Lower Upper
106 100
91 199.6 164.1 246.1

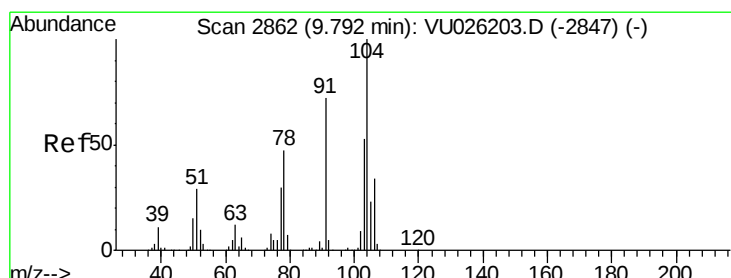
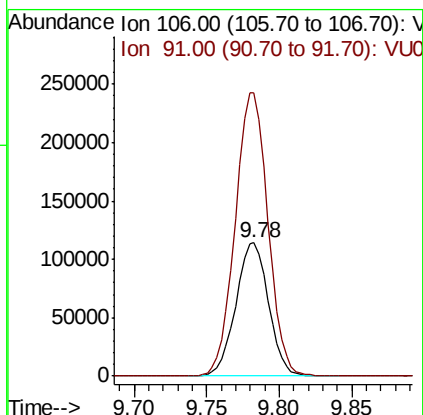
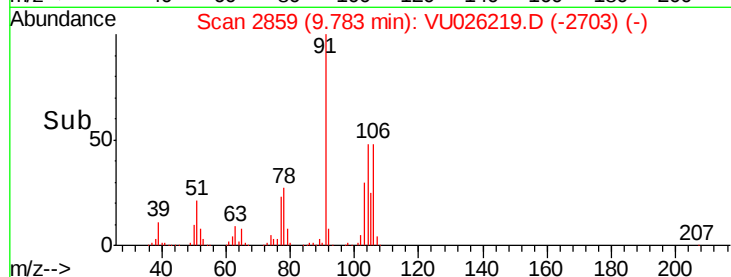
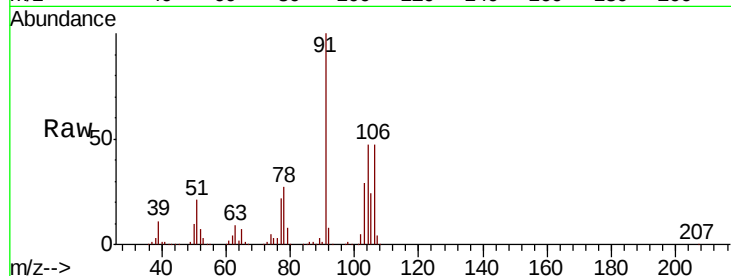




#65
o-Xylene
Concen: 10.929 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

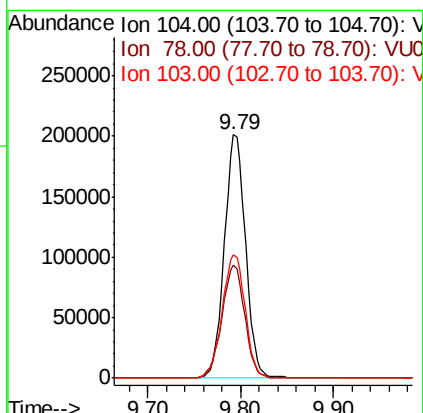
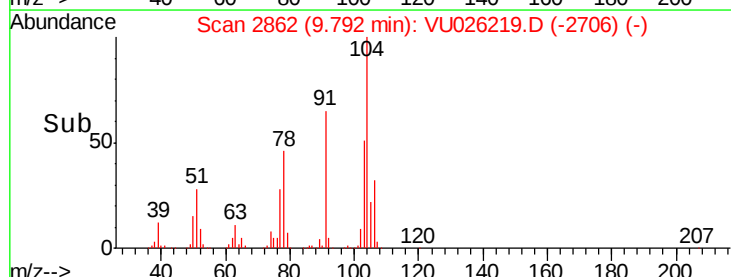
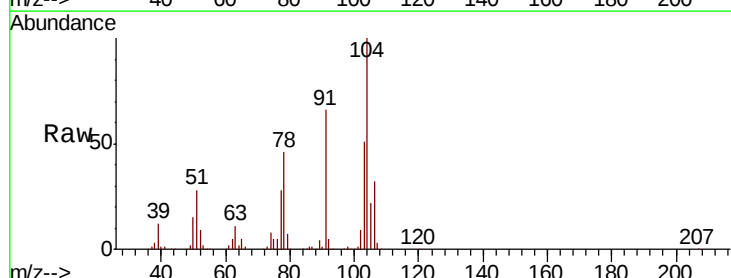
Instrument :
MSVOA_U
ClientSampleId :

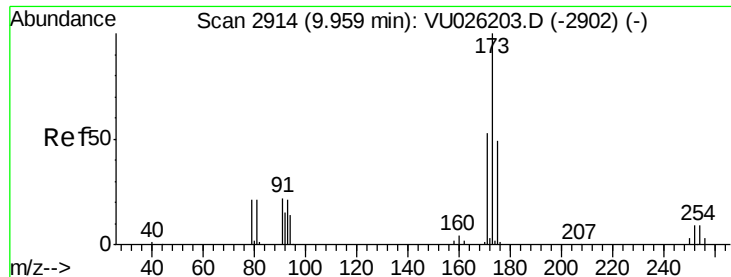
Tot Ion:106 Resp: 178229
Ion Ratio Lower Upper
106 100
91 213.5 107.9 323.7



#66
Styrene
Concen: 11.439 ug/l
RT: 9.79 min Scan# 2862
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion:104 Resp: 319324
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 54.8 44.2 66.4

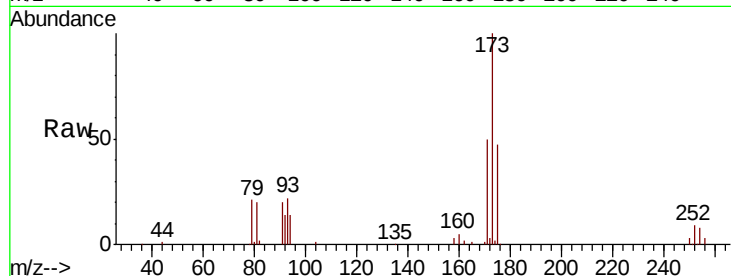




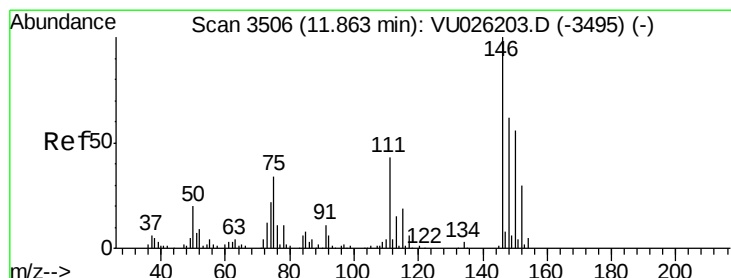
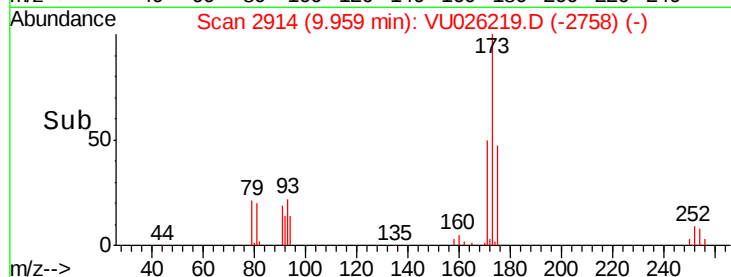
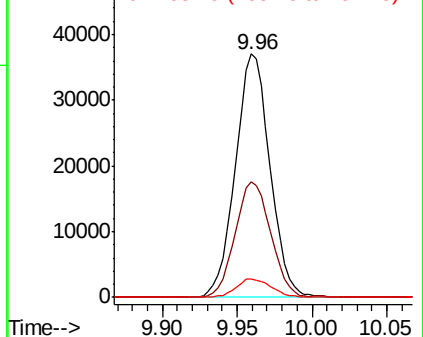
#67
Bromoform
Concen: 9.907 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:173 Resp: 59440
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 7.7 8.8 13.2#

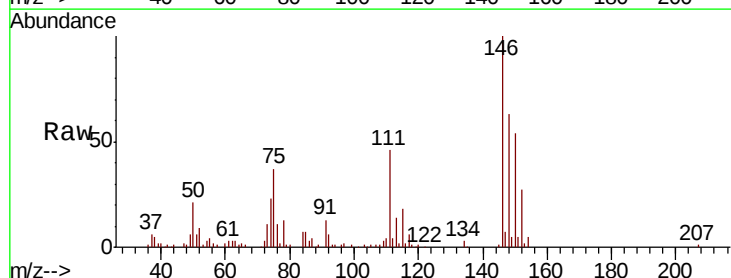


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

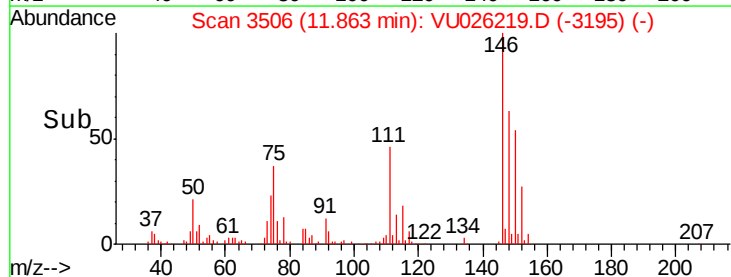
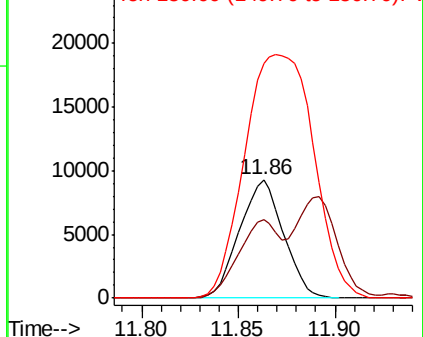


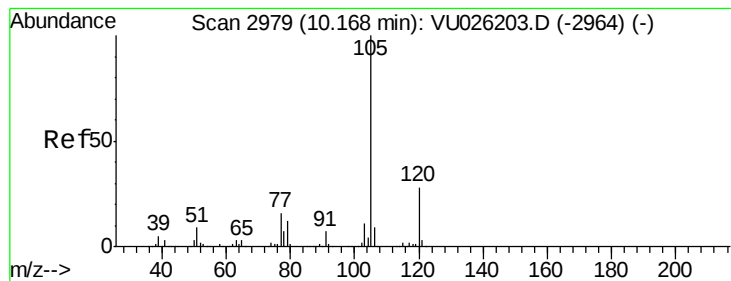
#68
1,2-Dichlorobenzene-d4
Concen: 9.907 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion:152 Resp: 14684
Ion Ratio Lower Upper
152 100
115 61.4 0.0 118.8
150 322.8 0.0 0.0#



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: 11.101 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

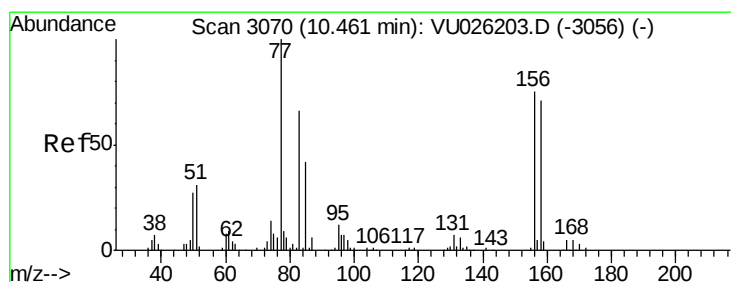
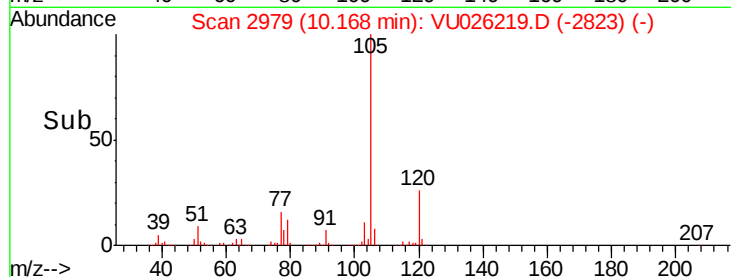
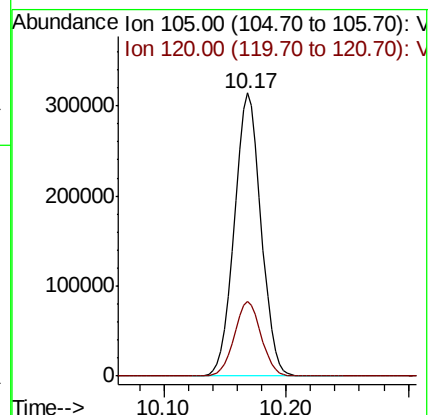
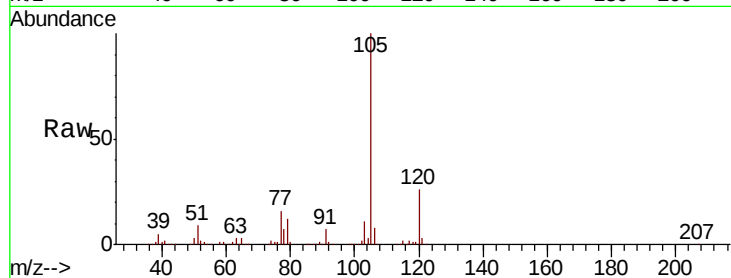
ClientSampleId :

Tot Ion:105 Resp: 478638

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 9.963 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

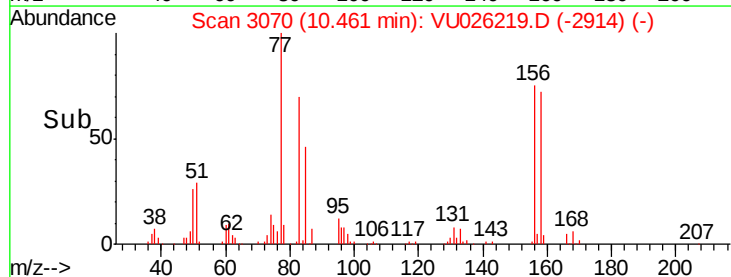
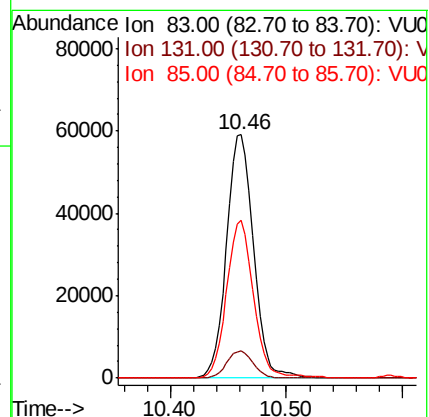
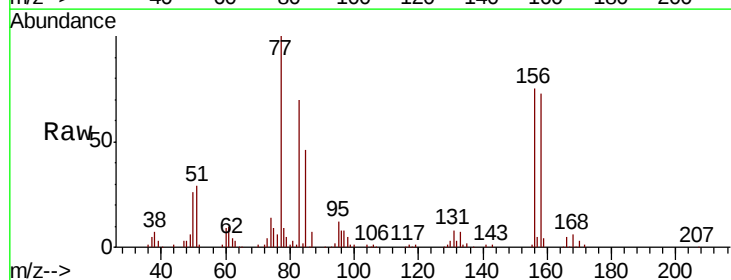
Tgt Ion: 83 Resp: 95236

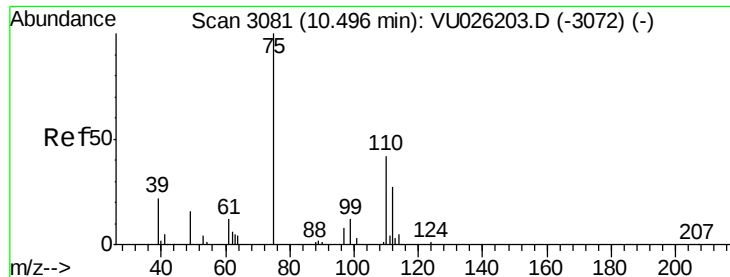
Ion Ratio Lower Upper

83 100

131 10.9 7.9 11.9

85 64.4 51.8 77.6





#71

1,2,3-Trichloropropane

Concen: 8.455 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 57857

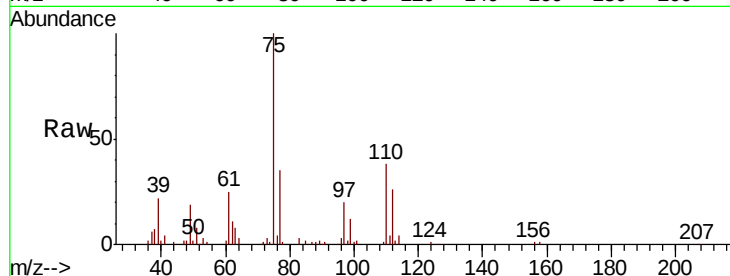
Ion Ratio Lower Upper

75 100

77 10.8 0.0 0.0#

110 45.7 0.0 74.0

97 22.4 0.0 39.6

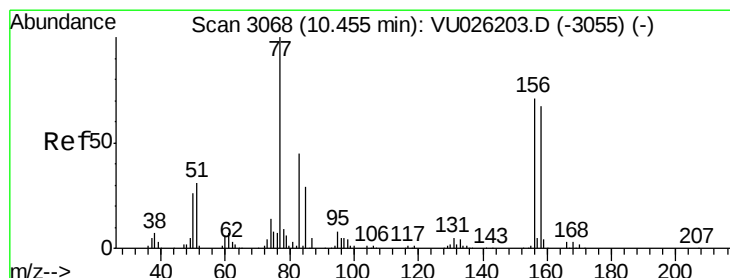
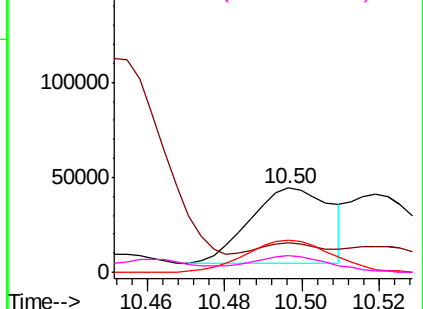
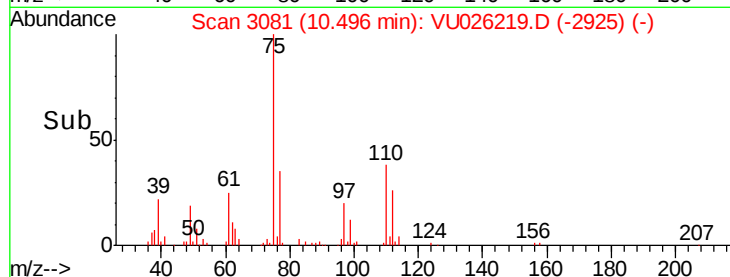


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 10.241 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

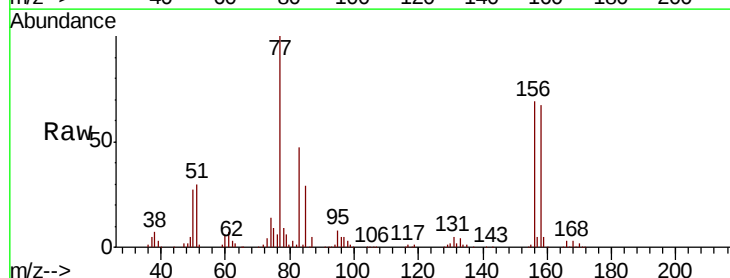
Tgt Ion: 156 Resp: 123571

Ion Ratio Lower Upper

156 100

77 144.7 0.0 309.8

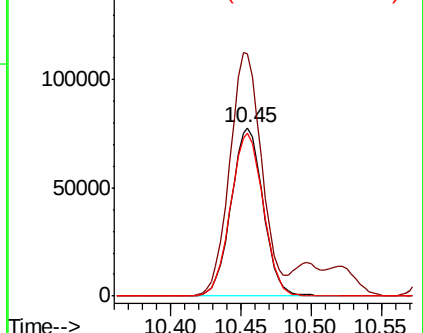
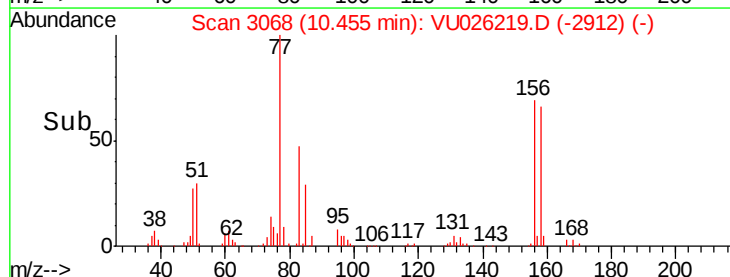
158 98.8 0.0 193.0

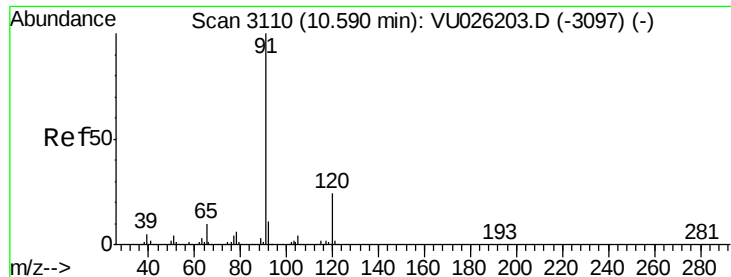


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 11.315 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

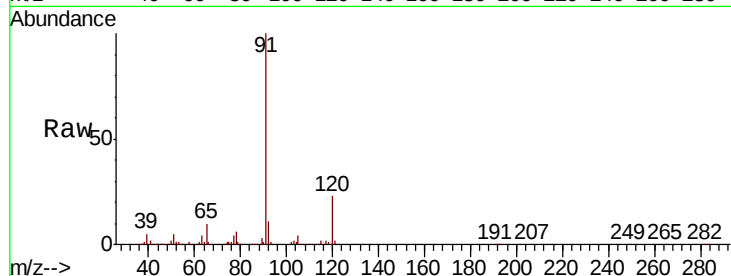
ClientSampleId :

Tot Ion:120 Resp: 142643

Ion Ratio Lower Upper

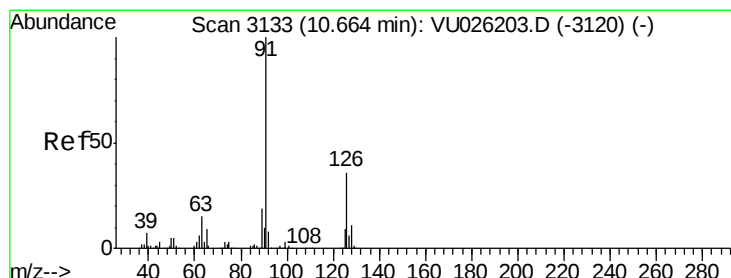
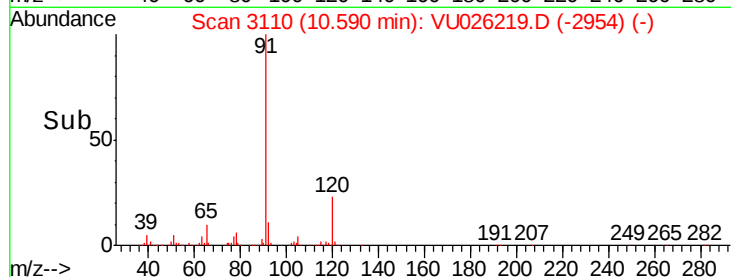
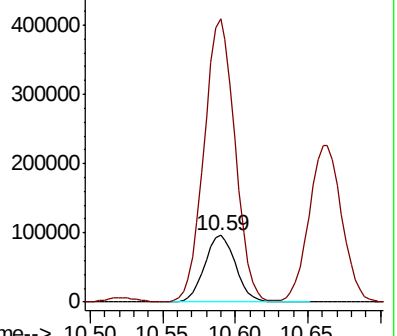
120 100

91 424.4 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.919 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU026219.D

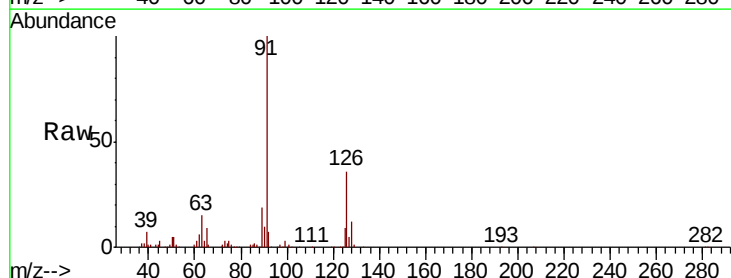
Acq: 20 Aug 2018 19:58

Tgt Ion:126 Resp: 124202

Ion Ratio Lower Upper

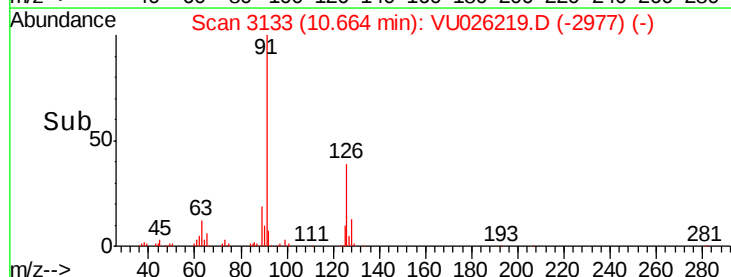
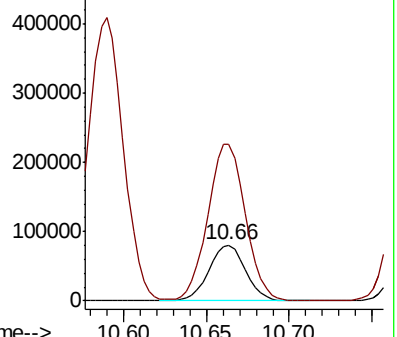
126 100

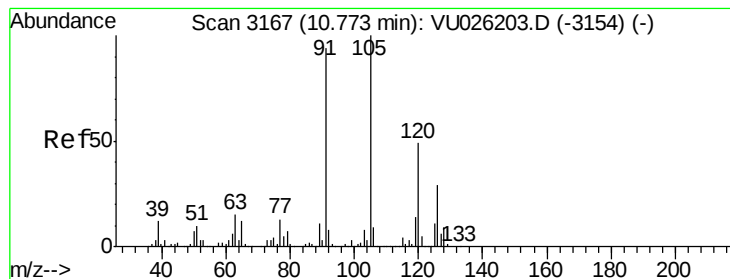
91 284.8 0.0 613.0



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: 11.496 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

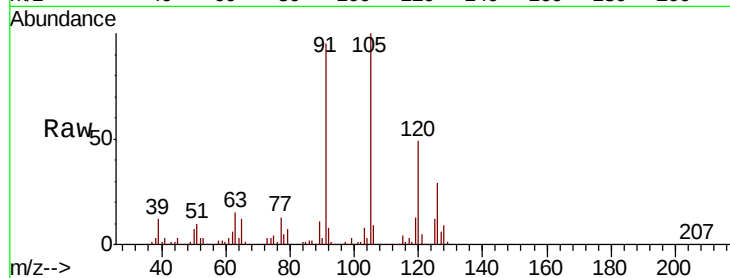
ClientSampleId :

Tot Ion:105 Resp: 440494

Ion Ratio Lower Upper

105 100

120 48.6 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

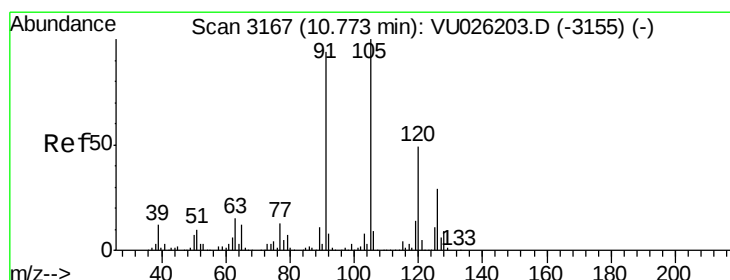
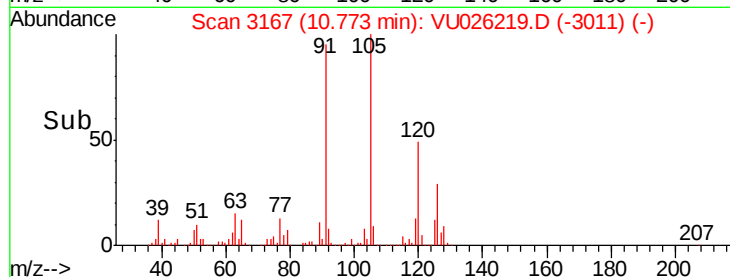
300000

200000

100000

0

Time-->



#76

4-Chlorotoluene

Concen: 11.112 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VU026219.D

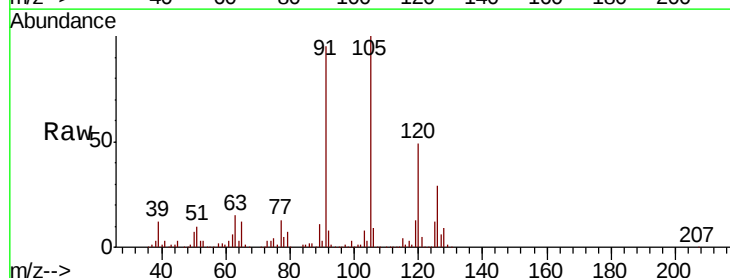
Acq: 20 Aug 2018 19:58

Tgt Ion:126 Resp: 129913

Ion Ratio Lower Upper

126 100

91 325.8 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

300000

250000

200000

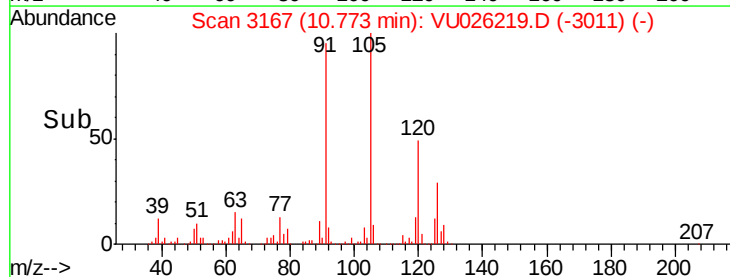
150000

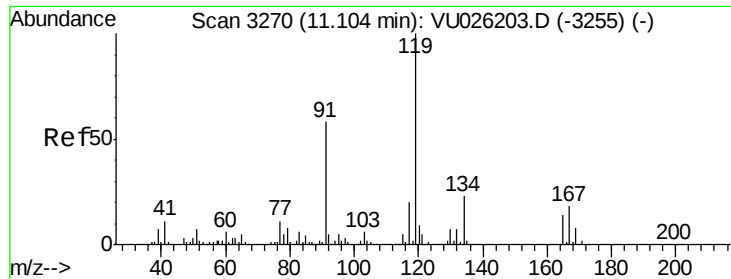
100000

50000

0

Time-->

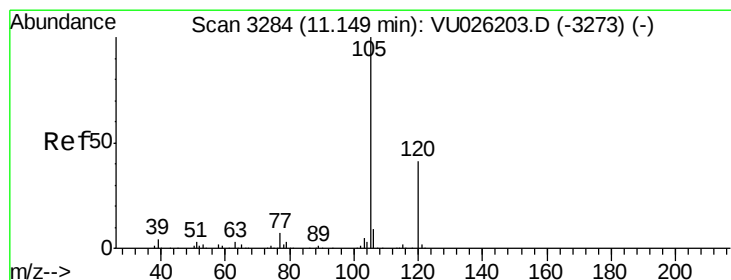
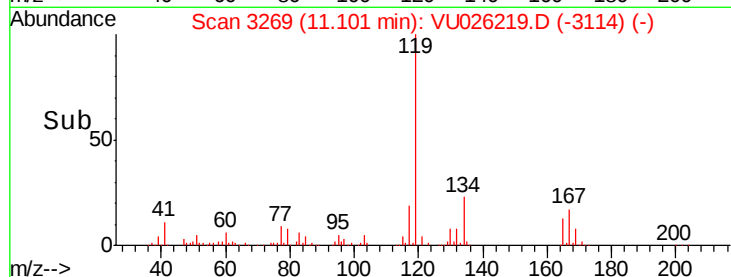
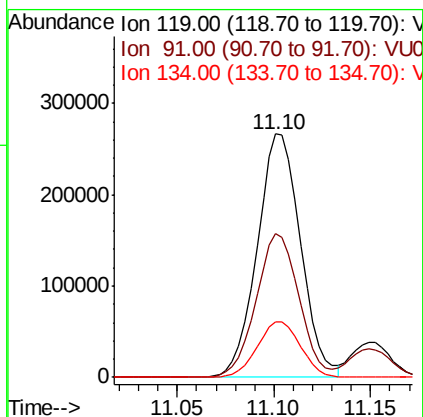
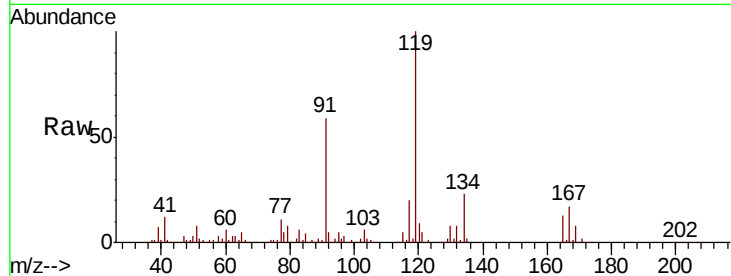




#77
 tert-Butylbenzene
 Concen: 10.868 ug/l
 RT: 11.10 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

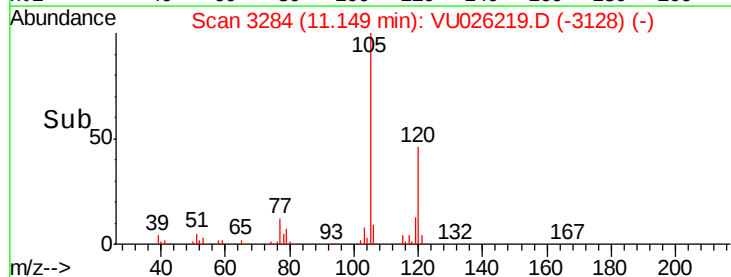
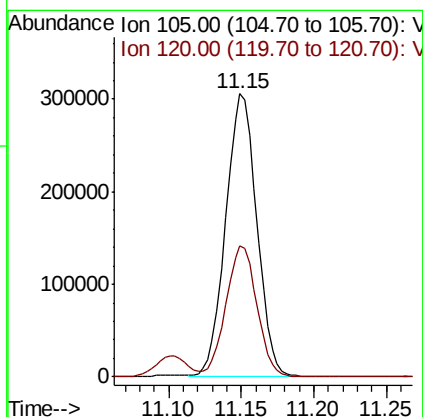
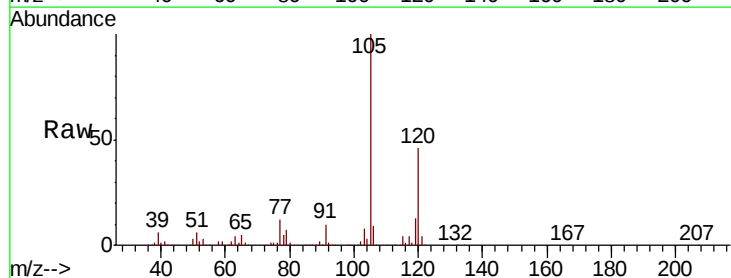
Instrument :
 MSVOA_U
 ClientSampleId :

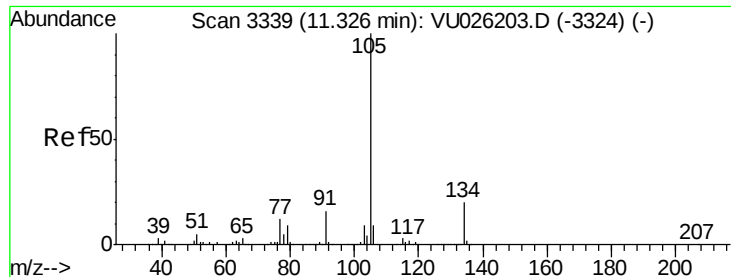
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.6	88.8
134	22.9	19.1	28.7



#78
 1,2,4-Trimethylbenzene
 Concen: 11.463 ug/l
 RT: 11.15 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#79

sec-Butylbenzene

Concen: 11.195 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

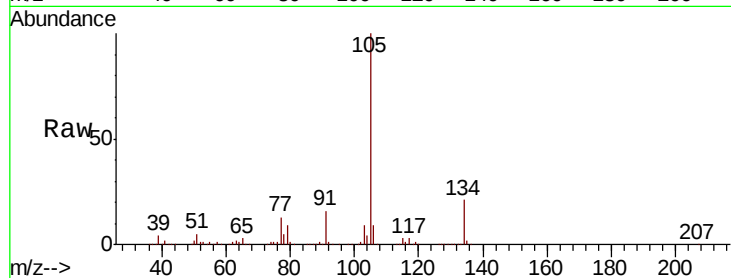
ClientSampleId :

Tot Ion:105 Resp: 559759

Ion Ratio Lower Upper

105 100

134 20.5 15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

400000

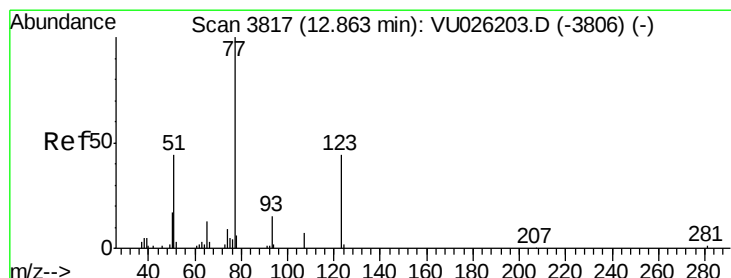
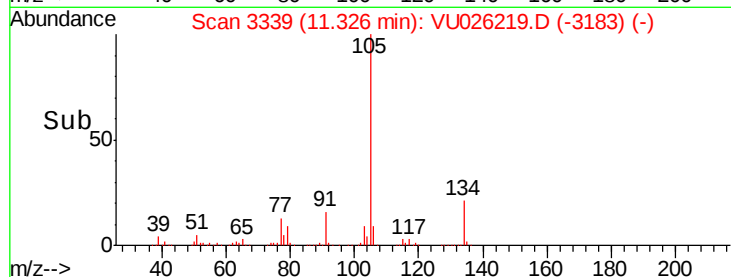
300000

200000

100000

0

Time-->



#80

Nitrobenzene

Concen: 49.105 ug/l

RT: 12.86 min Scan# 3817

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

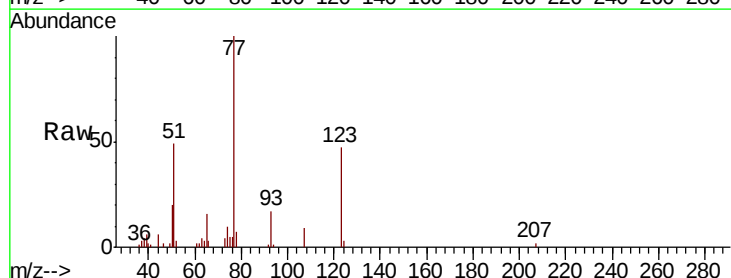
Tgt Ion: 77 Resp: 20508

Ion Ratio Lower Upper

77 100

123 45.4 19.4 68.6

65 13.9 11.2 14.2



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

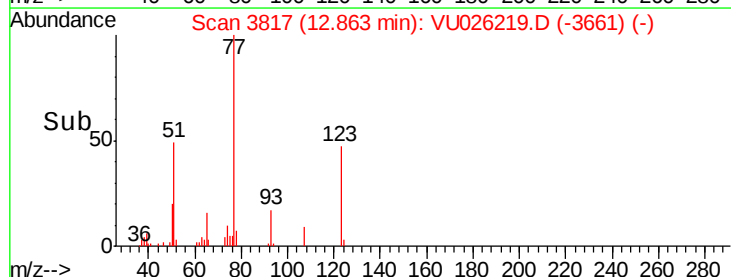
15000

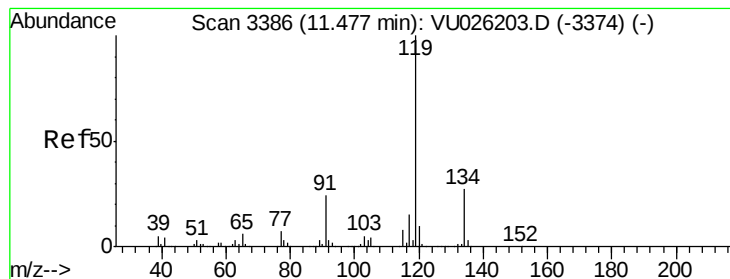
10000

5000

0

Time-->





#81

p-Isopropyltoluene

Concen: 11.559 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

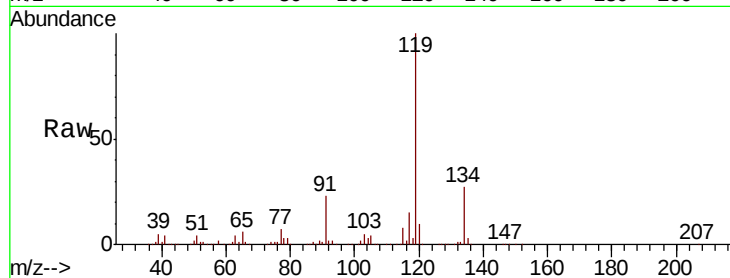
Tot Ion:119 Resp: 488937

Ion Ratio Lower Upper

119 100

134 26.4 20.9 31.3

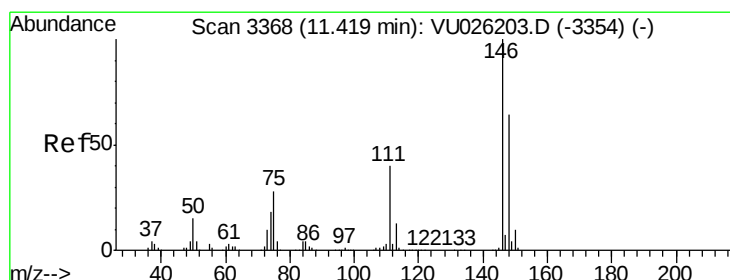
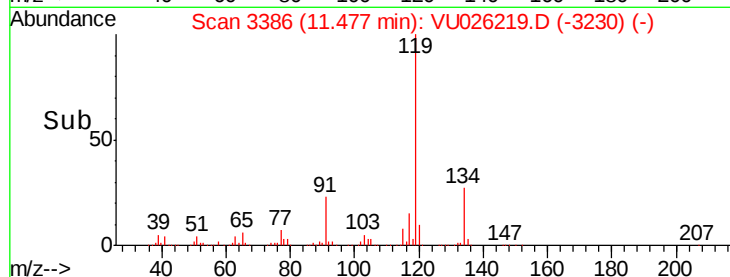
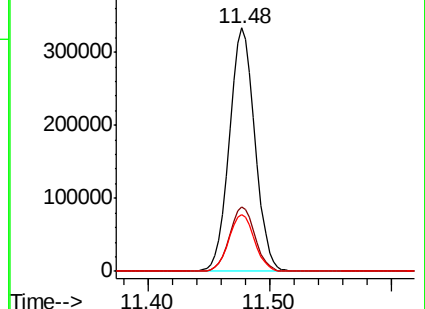
91 23.5 18.2 27.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU



#82

1,3-Dichlorobenzene

Concen: 10.355 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026219.D

Acq: 20 Aug 2018 19:58

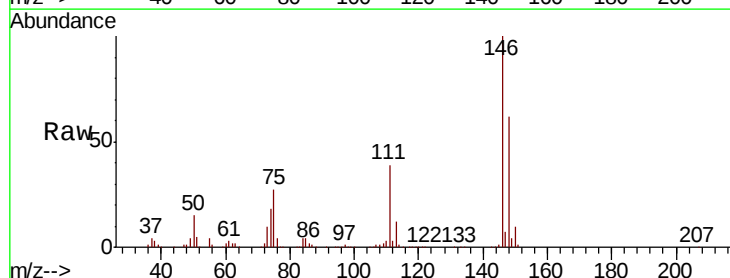
Tgt Ion:146 Resp: 263131

Ion Ratio Lower Upper

146 100

111 38.9 31.8 47.6

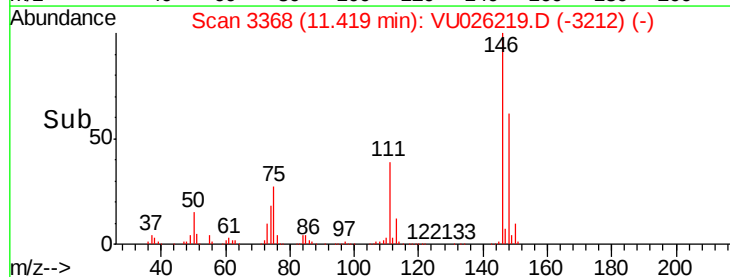
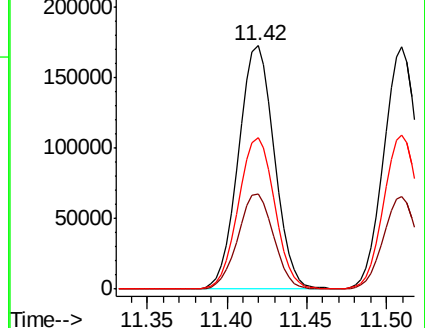
148 62.9 51.0 76.4

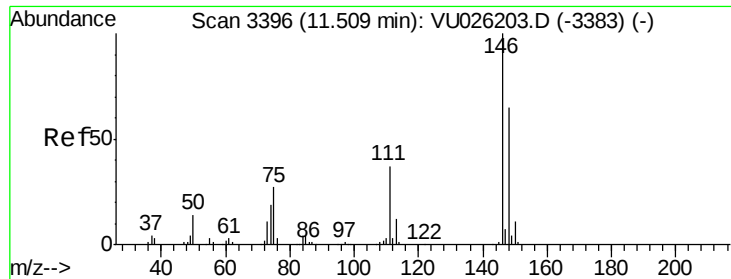


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

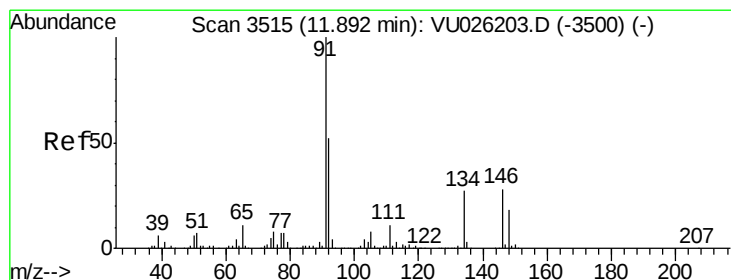
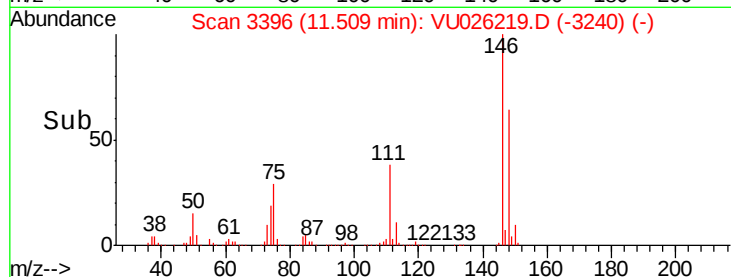
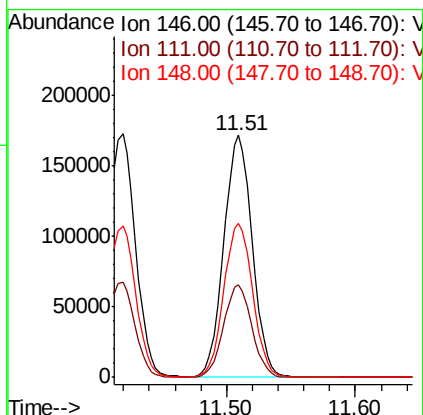
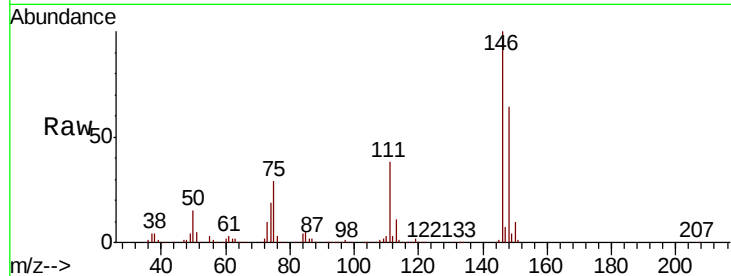




#83
 1,4-Dichlorobenzene
 Concen: 10.315 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

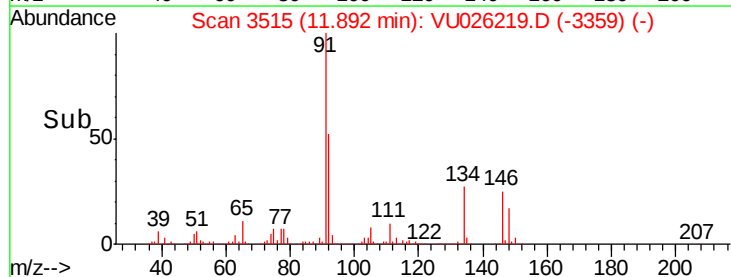
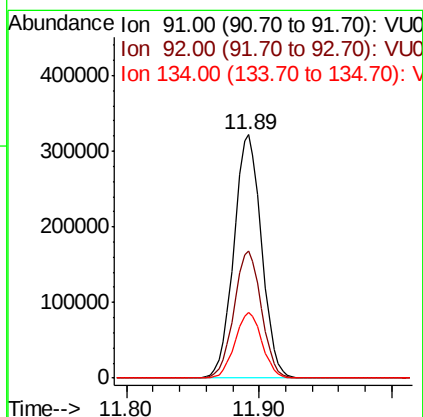
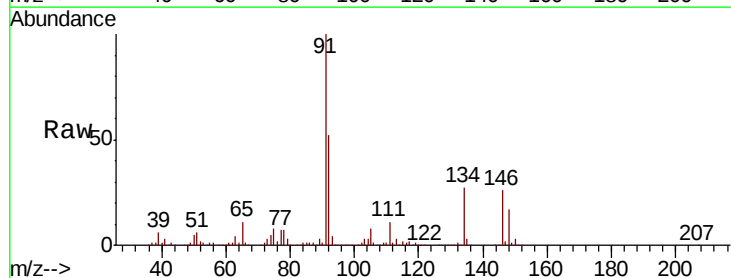
Instrument :
 MSVOA_U
 ClientSampleId :

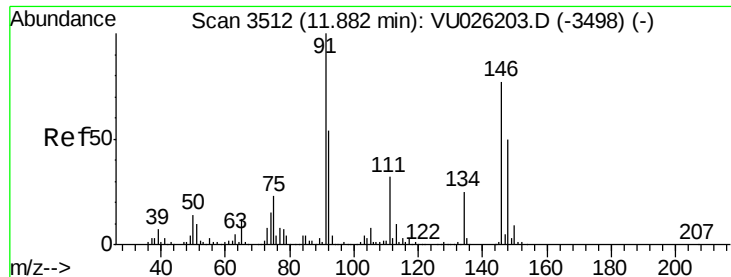
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	30.1	45.1
148	64.8	50.6	76.0



#84
 n-Butylbenzene
 Concen: 11.358 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	42.2	63.2
134	26.5	20.3	30.5

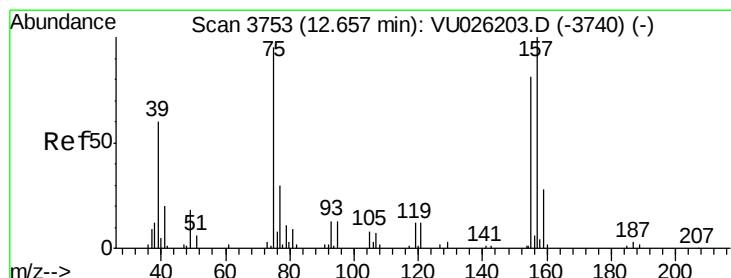
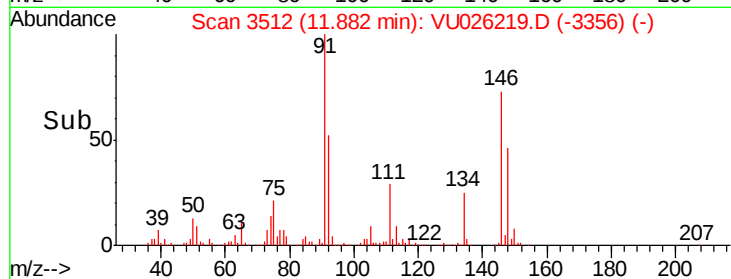
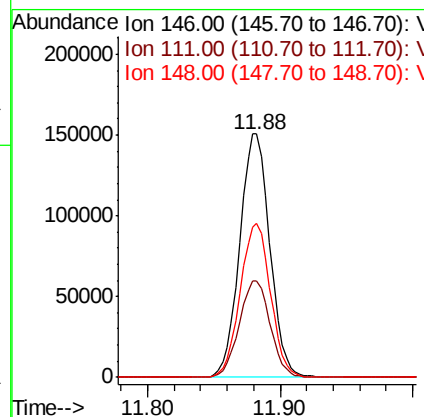
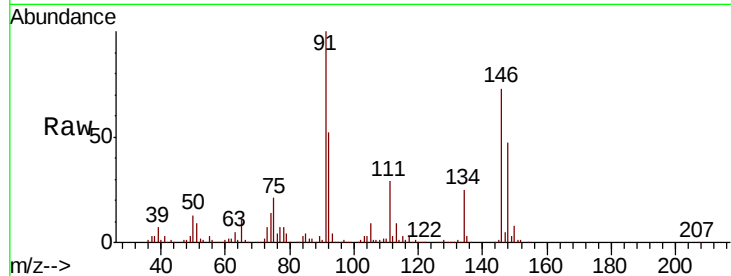




#85
 1,2-Dichlorobenzene
 Concen: 10.185 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

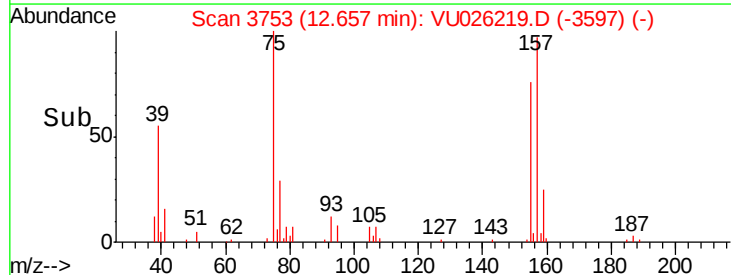
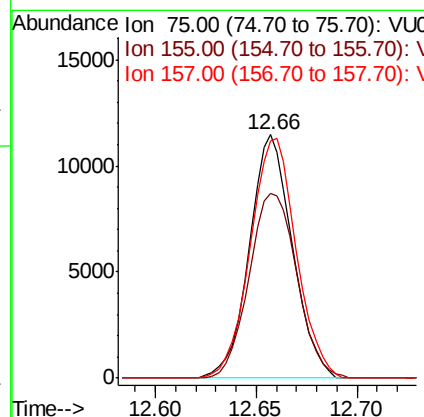
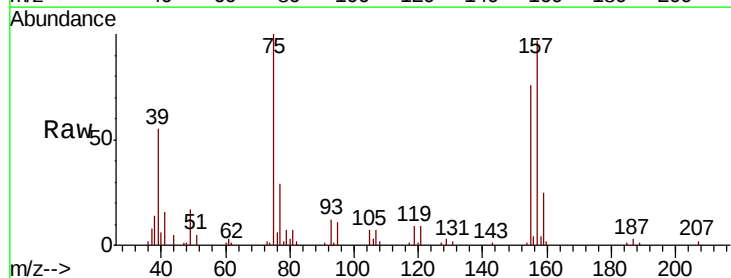
Instrument :
 MSVOA_U
 ClientSampleId :

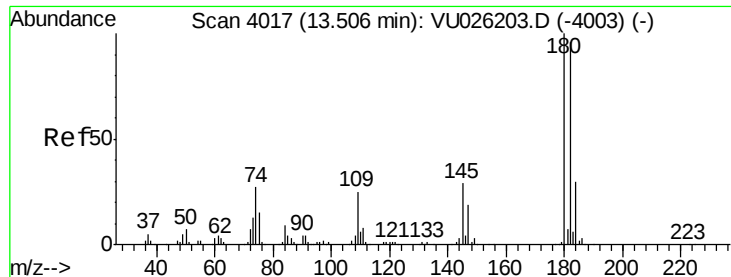
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.7	62.1
148	63.8	31.9	95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.167 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	65.8	98.6
157	105.1	83.5	125.3

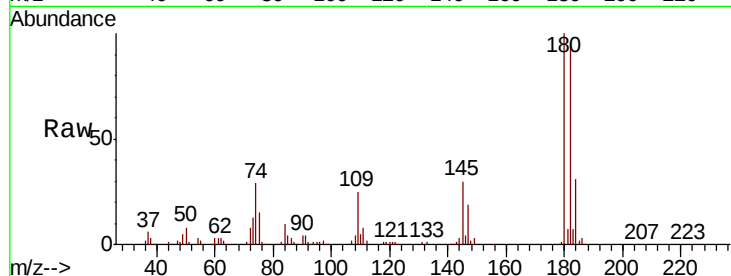




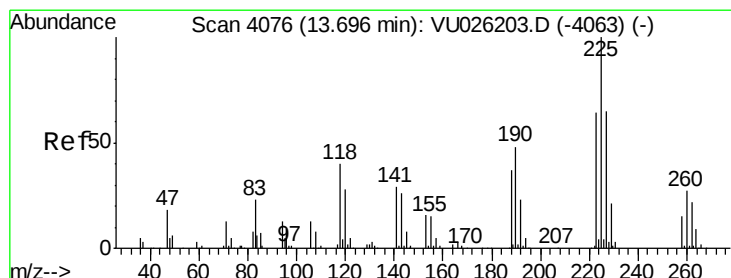
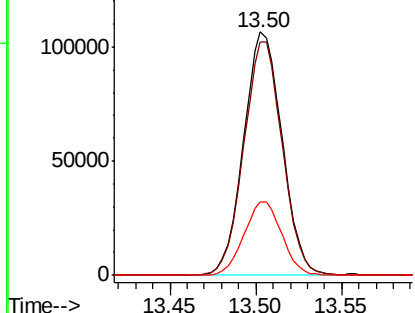
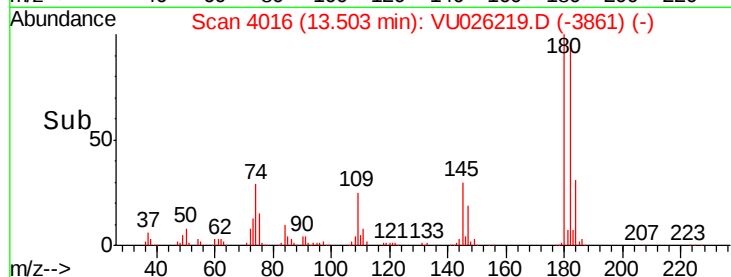
#87
 1,2,4-Trichlorobenzene
 Concen: 10.081 ug/l
 RT: 13.50 min Scan# 4016
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.1	115.7
145	29.9	23.3	34.9

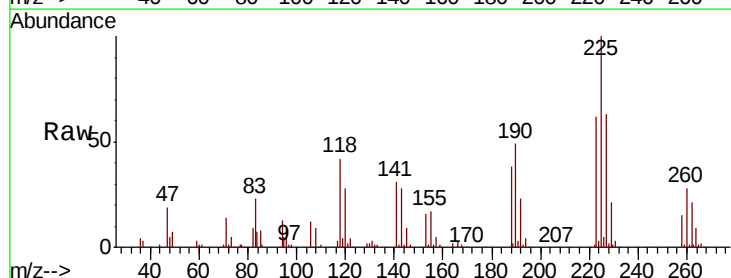


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

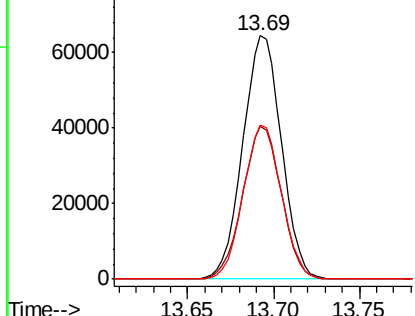
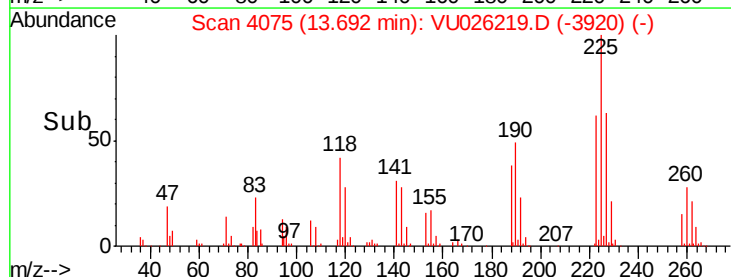


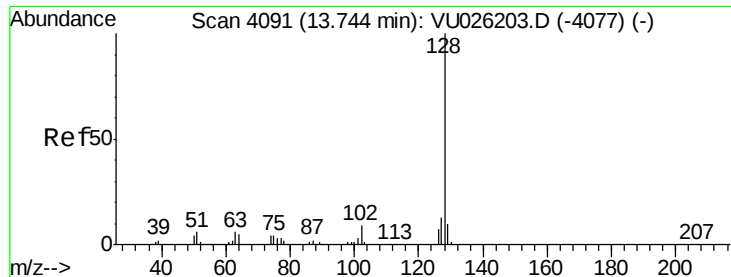
#88
 Hexachlorobutadiene
 Concen: 10.039 ug/l
 RT: 13.69 min Scan# 4075
 Delta R.T. -0.00 min
 Lab File: VU026219.D
 Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	75.8
227	62.3	51.8	77.6



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V

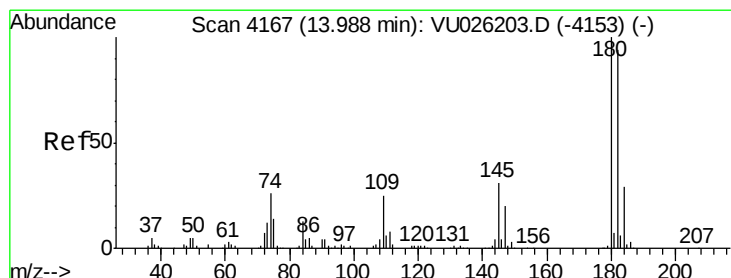
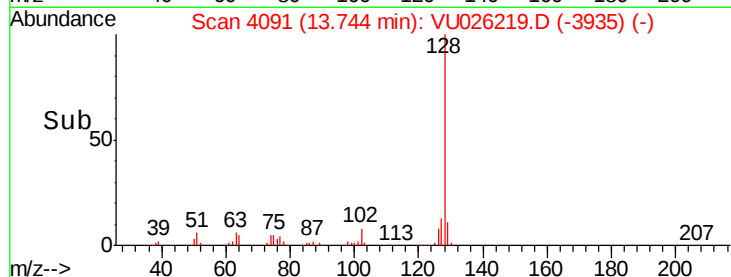
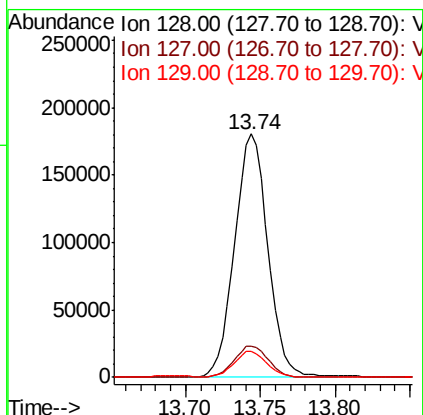
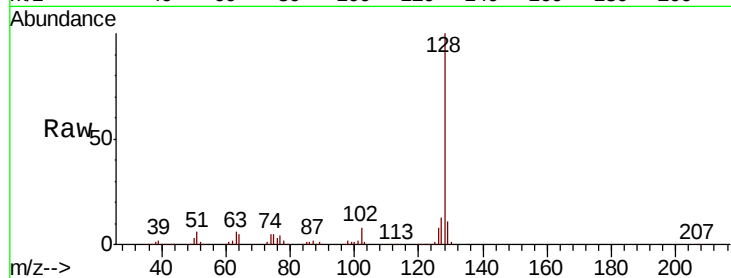




#89
Naphthalene
Concen: 10.820 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.5	8.7	13.1



#90
1,2,3-Trichlorobenzene
Concen: 10.416 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. 0.00 min
Lab File: VU026219.D
Acq: 20 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	31.1	24.6	36.8

