

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U082018\
 Data File : VU026207.D
 Acq On : 20 Aug 2018 14:40
 Operator : MD/SY
 Sample : VU0820WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 07:40:43 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	5.74	96	41871	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	14901	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16280	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	34429	2.114	ug/l	99
3) Chloromethane	1.33	50	30204	2.173	ug/l	100
4) Vinyl Chloride	1.40	62	30435	2.189	ug/l	99
5) Bromomethane	1.63	94	17838	2.334	ug/l	97
6) Chloroethane	1.70	64	17904	2.150	ug/l	96
7) Trichlorofluoromethane	1.89	101	44059	2.145	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	24394	2.142	ug/l	97
9) 1,1-Dichloroethene	2.29	96	20941	2.153	ug/l	91
10) Iodomethane	2.41	142	31160	2.229	ug/l	90
11) Allyl Chloride	2.59	41	37472	2.292	ug/l	89
12) Acrylonitrile	2.94	53	9584	4.347	ug/l	99
13) Acetone	2.32	43	19998	10.123	ug/l	93
14) Carbon Disulfide	2.48	76	72770	2.165	ug/l	97
15) Methylene Chloride	2.70	84	26800	2.293	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	23768	2.112	ug/l	94
17) 1,1-Dichloroethane	3.45	63	45381	2.204	ug/l	97
18) 2-Butanone	4.28	43	35565	11.270	ug/l	97
19) Cyclohexane	5.00	56	32670	2.159	ug/l	89
20) Methylcyclohexane	6.42	83	38657	2.182	ug/l	98
21) 2,2-Dichloropropane	4.23	77	46604	2.202	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	28986	2.123	ug/l	95
23) Diethyl Ether	2.11	59	15566	2.091	ug/l	93
24) tert-Butyl Alcohol	2.83	59	17287	22.685	ug/l #	77
25) Methyl tert-Butyl Ether	3.00	73	53687	2.118	ug/l #	91
26) Bromochloromethane	4.55	128	12466	2.042	ug/l	87
27) Chloroform	4.68	83	50867	2.137	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	46994	2.221	ug/l	97
29) 1,1-Dichloropropene	5.14	75	36192	2.168	ug/l	96
30) Carbon Tetrachloride	5.14	117	43744	2.192	ug/l	94
31) Isopropyl Ether	3.58	45	73825	2.177	ug/l	92
32) Ethyl-t-butyl ether	4.08	59	65443	2.203	ug/l	95
33) Tert-Amyl methyl ether	5.59	73	53678	2.115	ug/l	97
34) Propionitrile	4.34	54	9776	10.877	ug/l #	89
35) Benzene	5.39	78	103585	2.147	ug/l	100
36) 1,2-Dichloroethane	5.41	62	32560	2.177	ug/l	95
37) Trichloroethene	6.19	130	29735	2.190	ug/l	94
38) 1,2-Dichloropropane	6.44	63	27821	2.226	ug/l	96
39) Methacrylonitrile	4.55	41	8442	2.225	ug/l	91
40) Methyl acrylate	4.43	55	13112	2.279	ug/l #	90
41) Tetrahydrofuran	4.66	42	8639	4.094	ug/l	94
42) 1-Chlorobutane	5.07	56	50414	2.232	ug/l	99

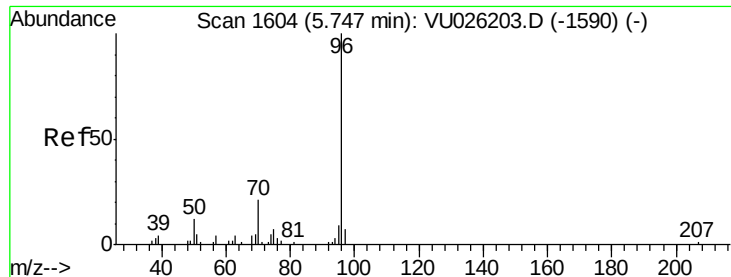
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082018\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	13694	2.062	ug/l	97
44) Bromodichloromethane	6.76	83	36576	2.134	ug/l	98
45) 4-Methyl-2-Pentanone	7.47	43	72094	10.713	ug/l	98
46) t-1,4-Dichloro-2-butene	10.50	75	14790	4.738	ug/l #	76
47) Methyl methacrylate	6.63	69	21954	4.328	ug/l	96
48) Ethyl methacrylate	8.02	69	20439	2.202	ug/l	99
49) Toluene	7.64	92	60691	2.203	ug/l	96
50) t-1,3-Dichloropropene	7.88	75	31887	2.181	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	37616	2.218	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	20034	2.225	ug/l	92
53) 1,3-Dichloropropane	8.25	76	32171	2.150	ug/l	100
54) 2-Hexanone	8.37	43	49535	10.338	ug/l	99
55) Dibromochloromethane	8.48	129	26437	2.196	ug/l	96
56) 1,2-Dibromoethane	8.59	107	18508	2.112	ug/l	100
58) Tetrachloroethene	8.23	164	26980	2.102	ug/l	98
59) Chlorobenzene	9.12	112	69628	2.182	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	27707	2.177	ug/l	98
61) Pentachloroethane	11.10	117	22580	2.080	ug/l	96
62) Hexachloroethane	12.15	117	22897	2.114	ug/l	100
63) Ethyl Benzene	9.25	91	107147	2.116	ug/l	96
64) m/p-Xylenes	9.38	106	89926	4.449	ug/l	96
65) o-Xylene	9.78	106	42765	2.219	ug/l	96
66) Styrene	9.80	104	72942	2.211	ug/l	99
67) Bromoform	9.96	173	15155	2.137	ug/l	97
69) Isopropylbenzene	10.17	105	109062	2.140	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	23556	2.085	ug/l	98
71) 1,2,3-Trichloropropane	10.50	75	14790	1.829	ug/l #	89
72) Bromobenzene	10.45	156	30914	2.168	ug/l	97
73) n-propylbenzene	10.59	120	31760	2.132	ug/l	99
74) 2-Chlorotoluene	10.66	126	29991	2.231	ug/l	89
75) 1,3,5-Trimethylbenzene	10.77	105	100201	2.213	ug/l	100
76) 4-Chlorotoluene	10.78	126	31629	2.289	ug/l	93
77) tert-Butylbenzene	11.10	119	97528	2.162	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	106534	2.274	ug/l	98
79) sec-Butylbenzene	11.33	105	132076	2.235	ug/l	99
80) Nitrobenzene	12.87	77	5331	10.801	ug/l	98
81) p-Isopropyltoluene	11.48	119	109658	2.194	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	65504	2.181	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	65599	2.188	ug/l	98
84) n-Butylbenzene	11.89	91	104150	2.153	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	57894	2.099	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4117	2.071	ug/l	95
87) 1,2,4-Trichlorobenzene	13.51	180	41123	2.120	ug/l	100
88) Hexachlorobutadiene	13.69	225	25693	2.165	ug/l	98
89) Naphthalene	13.74	128	59877	1.960	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	38457	2.105	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 41871

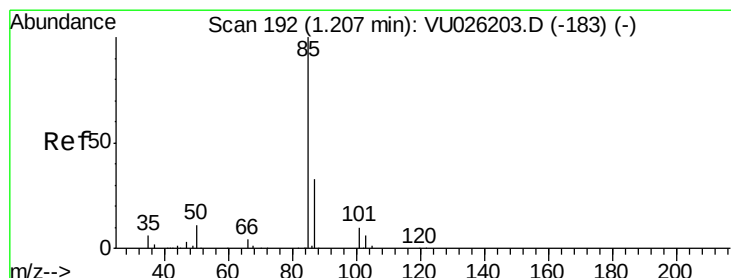
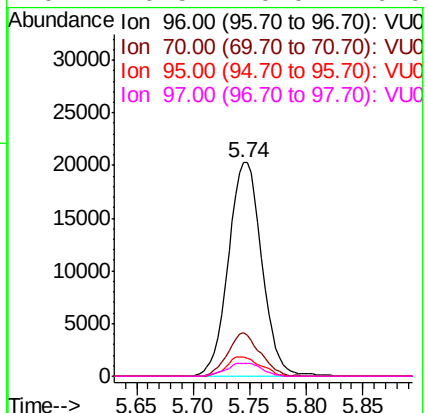
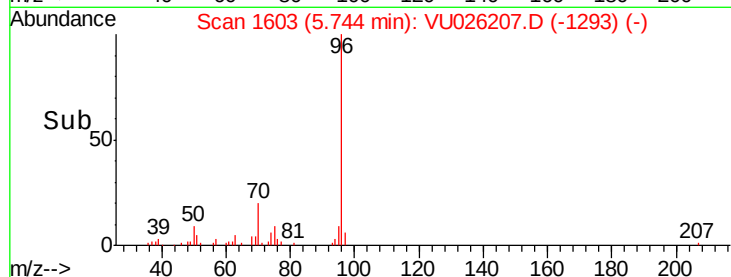
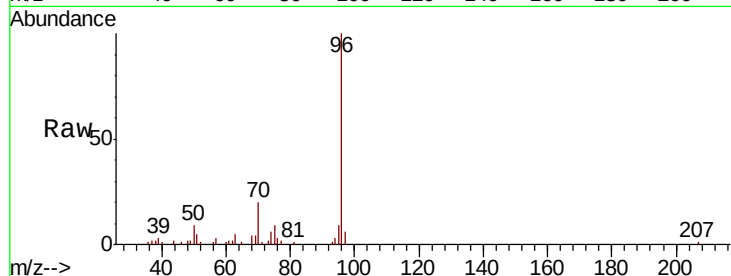
Ion Ratio Lower Upper

96 100

70 19.4 16.2 24.4

95 9.0 6.9 10.3

97 6.5 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 2.114 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU026207.D

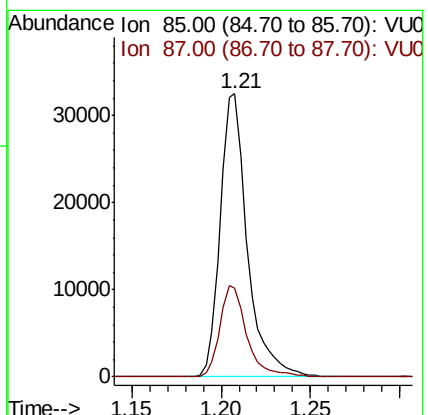
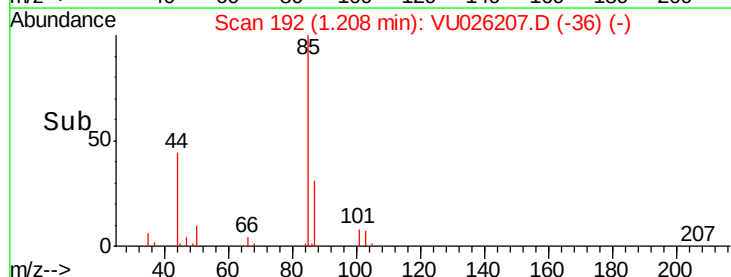
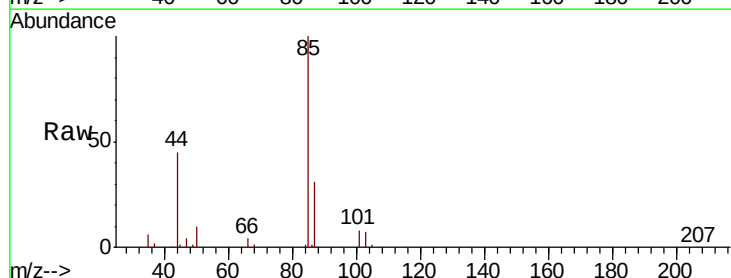
Acq: 20 Aug 2018 14:40

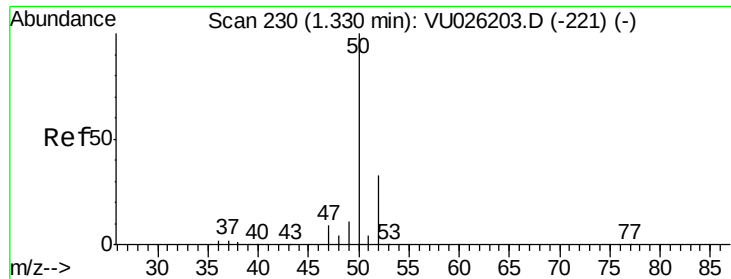
Tgt Ion: 85 Resp: 34429

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.5





#3

Chloromethane

Concen: 2.173 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

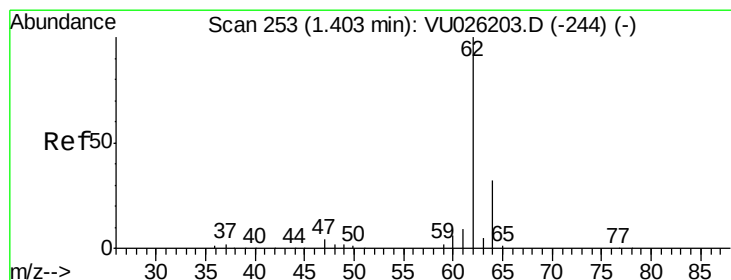
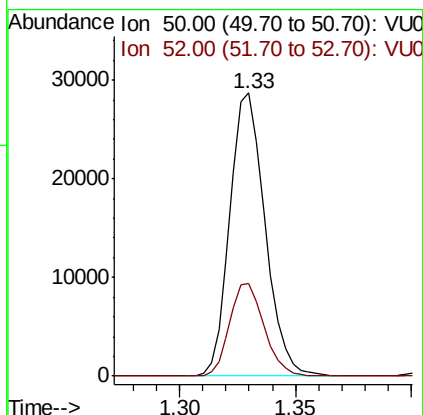
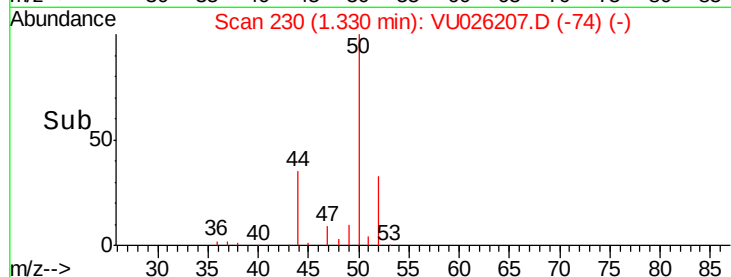
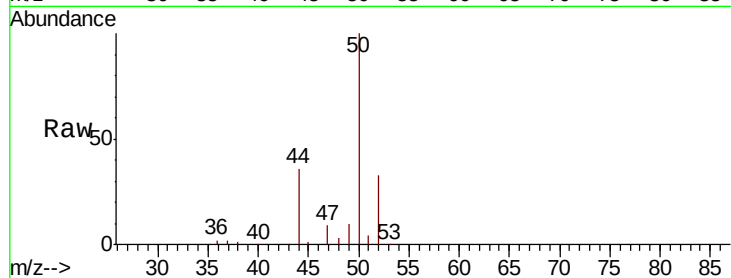
ClientSampleId :

Tot Ion: 50 Resp: 30204

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 2.189 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU026207.D

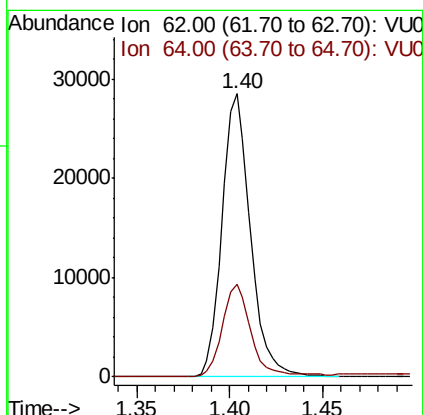
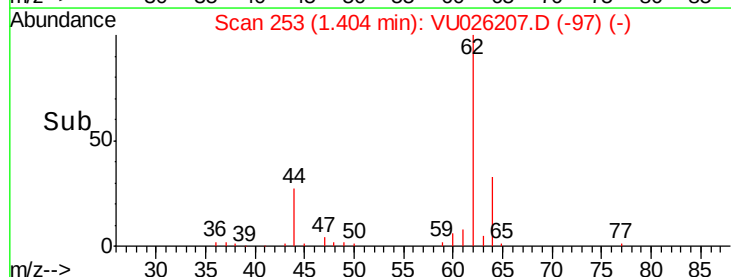
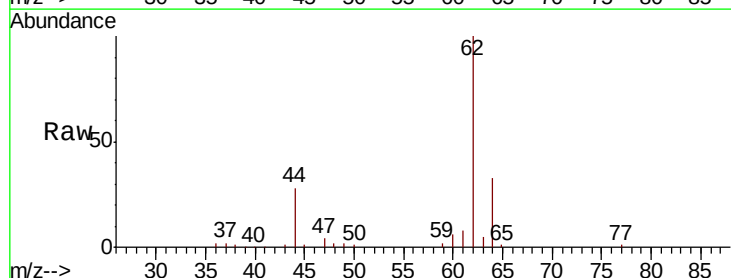
Acq: 20 Aug 2018 14:40

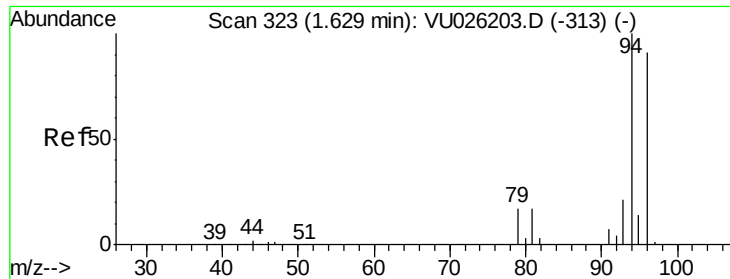
Tgt Ion: 62 Resp: 30435

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8

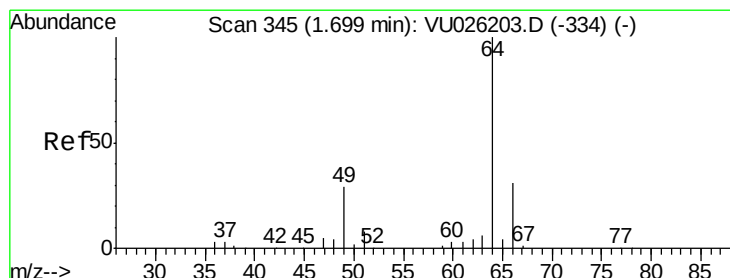
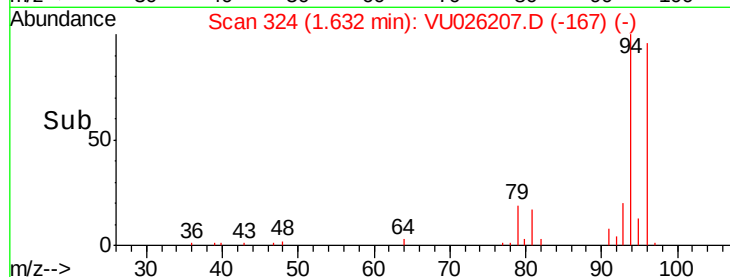
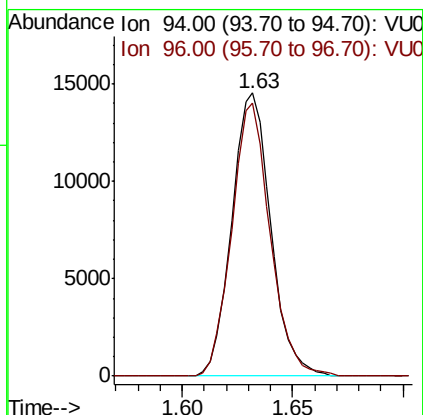
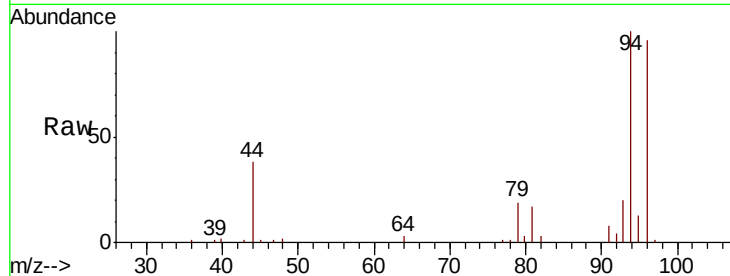




#5
Bromomethane
Concen: 2.334 ug/l
RT: 1.63 min Scan# 324
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

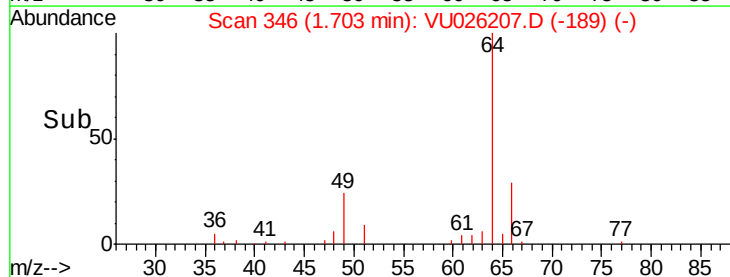
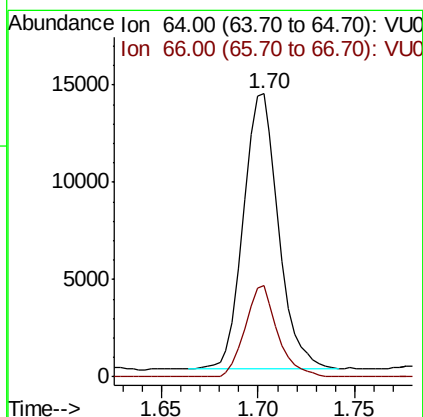
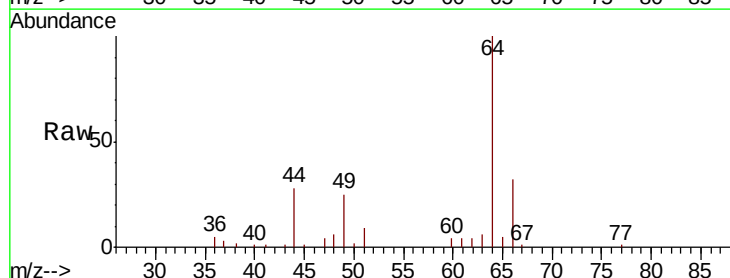
Instrument :
MSVOA_U
ClientSampleId :

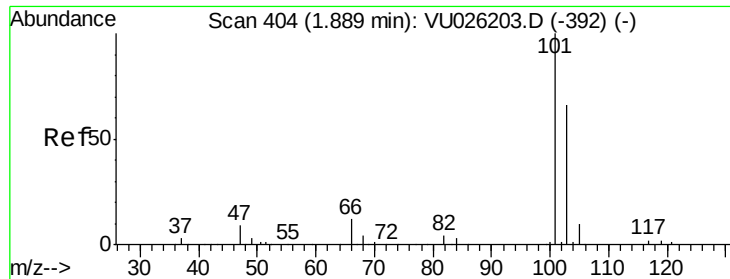
Tot Ion: 94 Resp: 17838
Ion Ratio Lower Upper
94 100
96 96.4 75.1 112.7



#6
Chloroethane
Concen: 2.150 ug/l
RT: 1.70 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion: 64 Resp: 17904
Ion Ratio Lower Upper
64 100
66 33.0 24.9 37.3



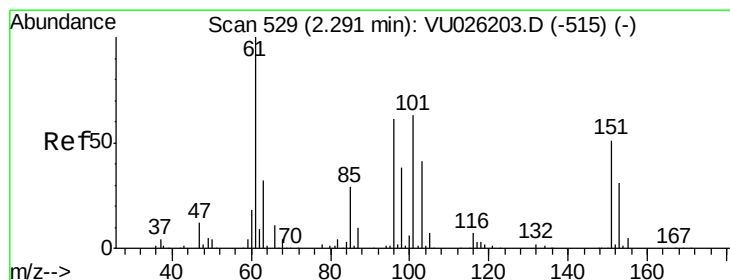
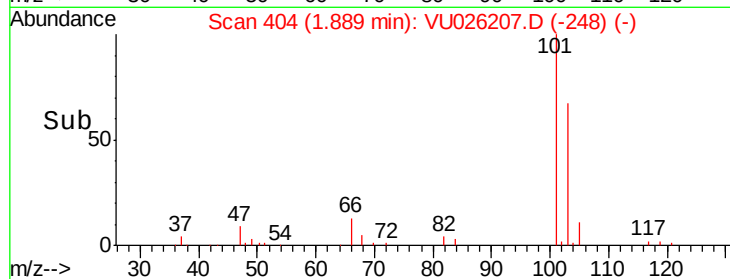
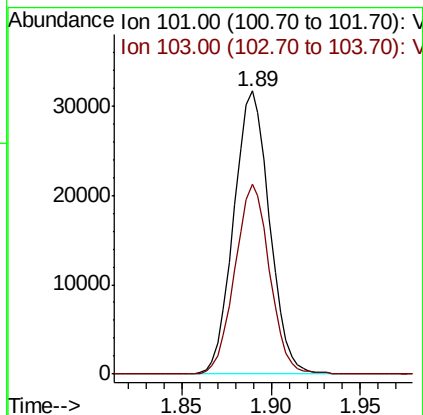
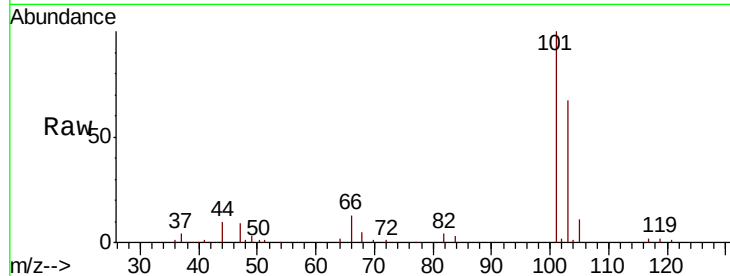


#7

Trichlorofluoromethane
 Concen: 2.145 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :

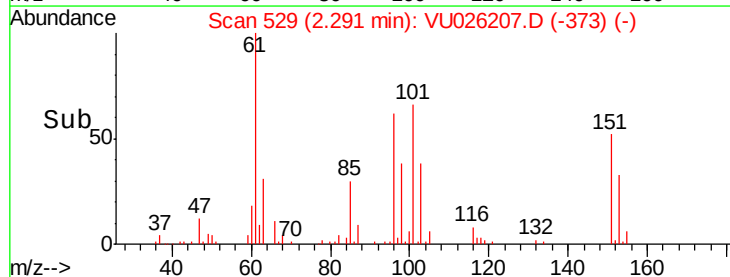
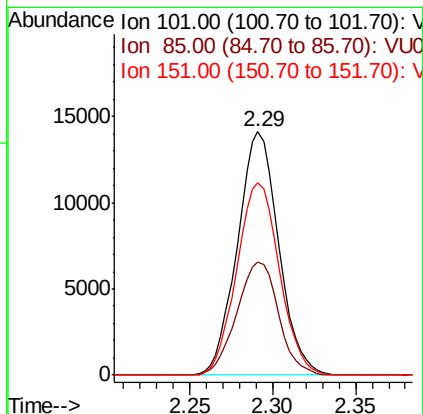
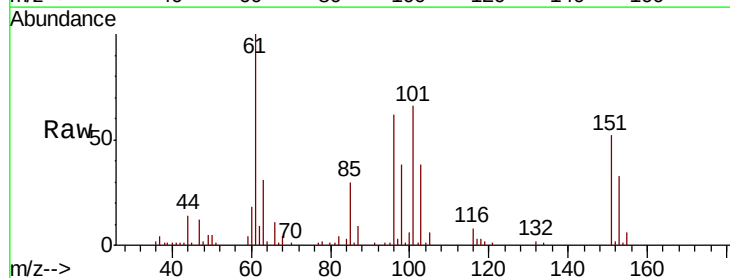
Tot Ion:101 Resp: 44059
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.4 77.0

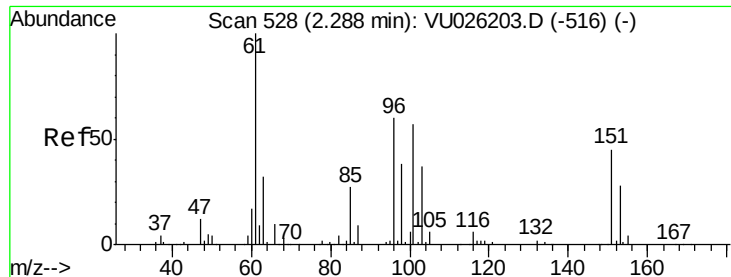


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.142 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion:101 Resp: 24394
 Ion Ratio Lower Upper
 101 100
 85 47.0 35.2 52.8
 151 81.7 63.5 95.3





#9

1,1-Dichloroethene

Concen: 2.153 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :
MSVOA_U
ClientSampled :

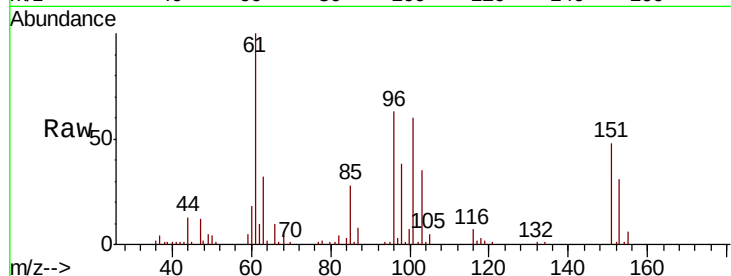
Tot Ion: 96 Resp: 20941

Ion Ratio Lower Upper

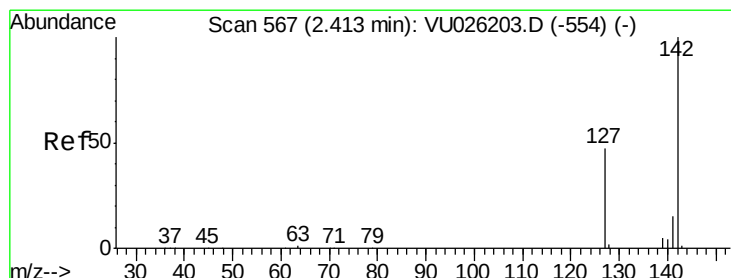
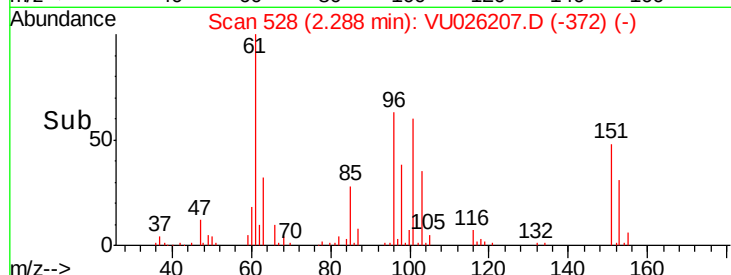
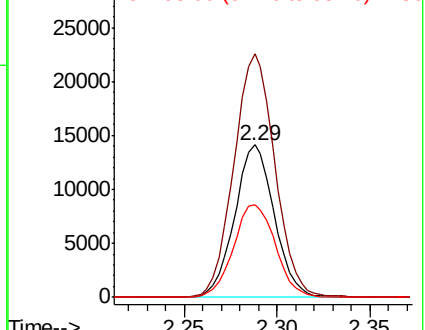
96 100

61 159.5 0.0 526.5

98 60.9 0.0 123.4



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



#10

Iodomethane

Concen: 2.229 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU026207.D

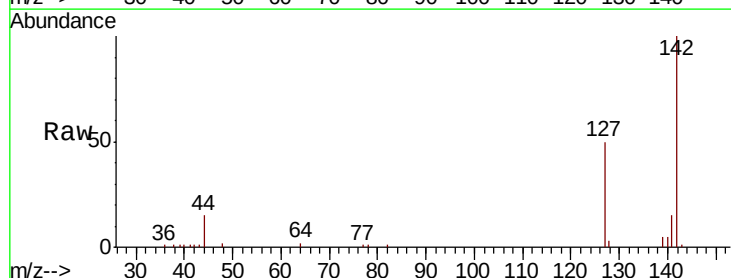
Acq: 20 Aug 2018 14:40

Tgt Ion:142 Resp: 31160

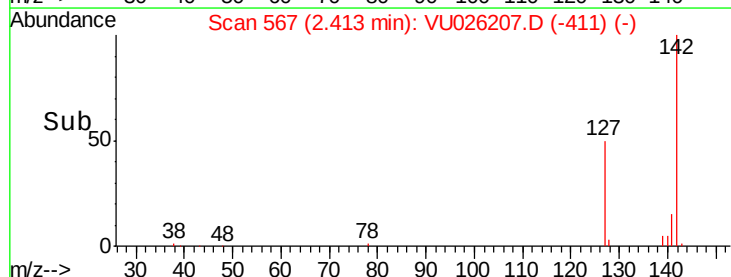
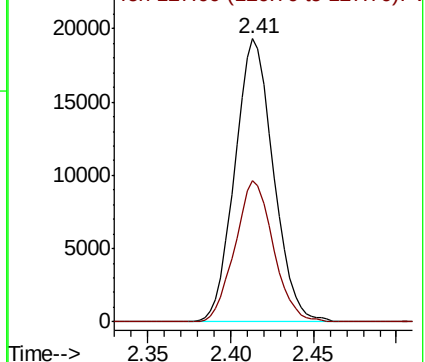
Ion Ratio Lower Upper

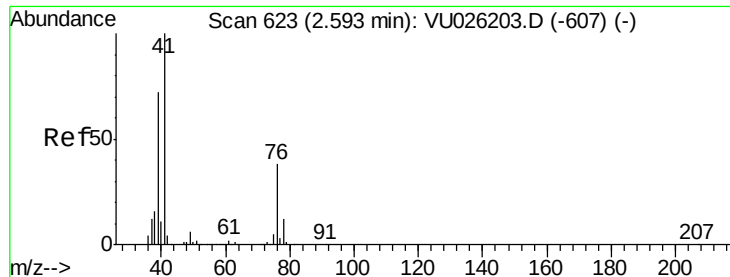
142 100

127 49.7 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V





#11

Allvl Chloride

Concen: 2.292 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

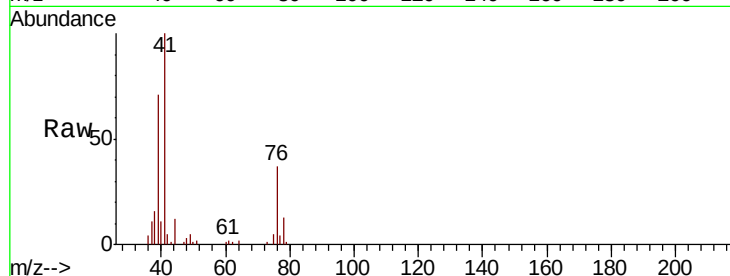
ClientSampled :

Tot Ion: 41 Resp: 37472

Ion Ratio Lower Upper

41 100

39 73.0 51.4 77.2



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

25000

20000

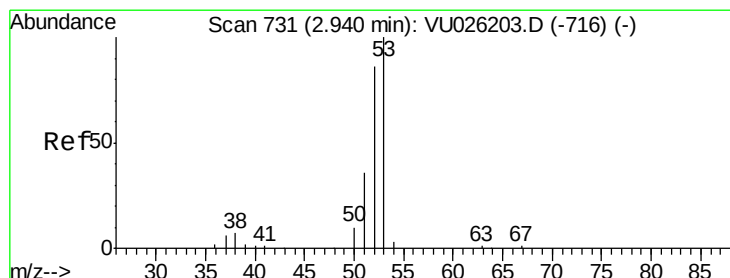
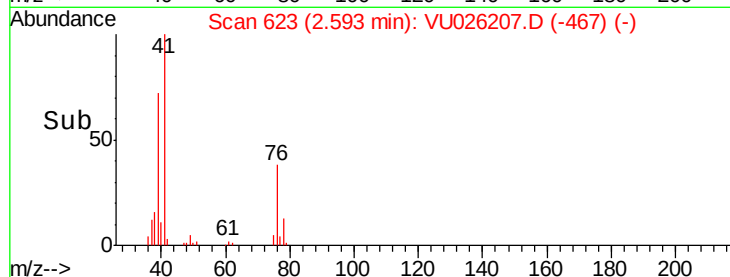
15000

10000

5000

0

Time--> 2.50 2.55 2.60 2.65



#12

Acrylonitrile

Concen: 4.347 ug/l

RT: 2.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

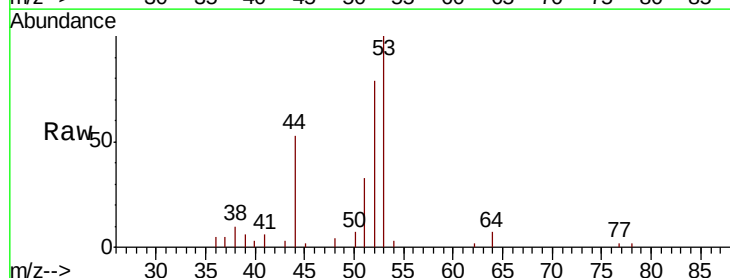
Tgt Ion: 53 Resp: 9584

Ion Ratio Lower Upper

53 100

52 80.8 65.1 97.7

51 36.7 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

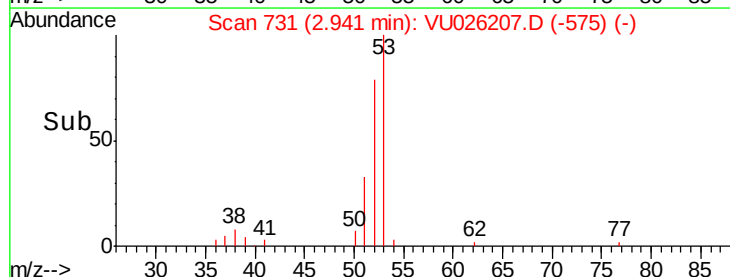
6000

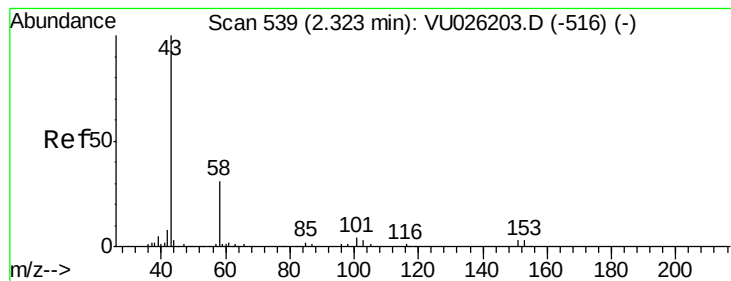
4000

2000

0

Time--> 2.90 2.95 3.00





#13

Acetone

Concen: 10.123 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

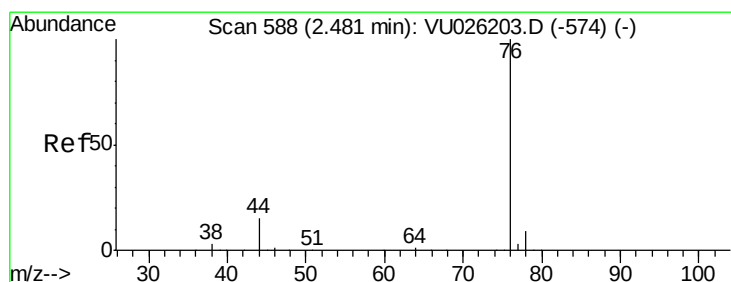
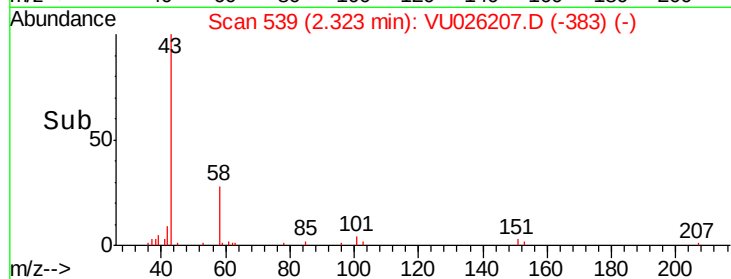
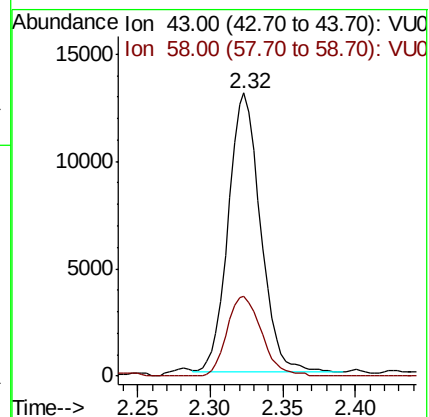
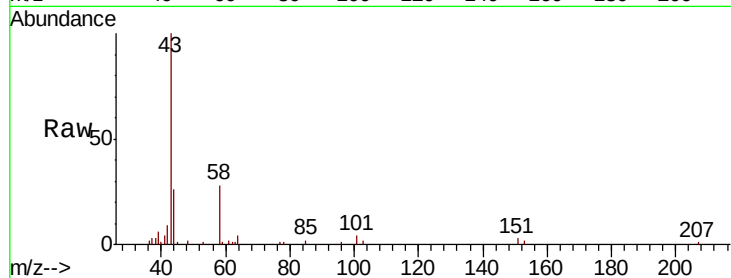
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 19998

Ion Ratio Lower Upper

43 100

58 28.5 26.0 39.0



#14

Carbon Disulfide

Concen: 2.165 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU026207.D

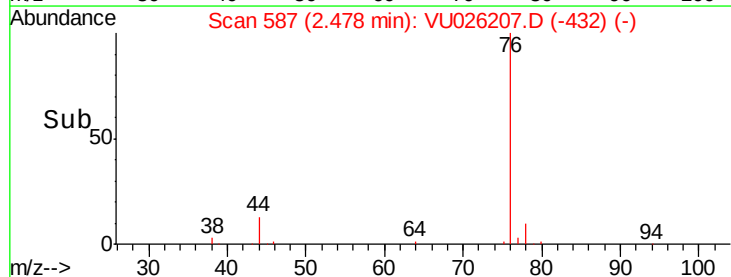
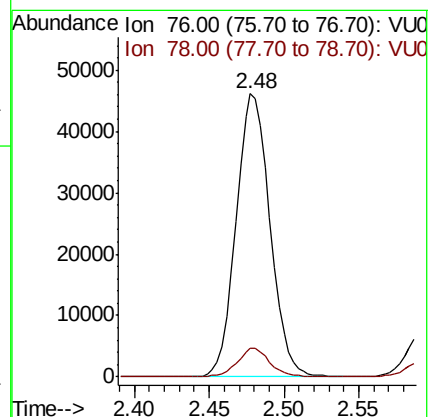
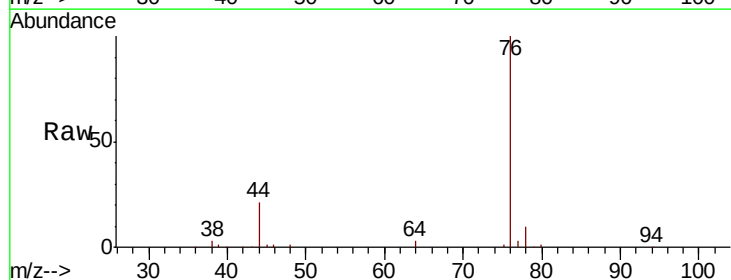
Acq: 20 Aug 2018 14:40

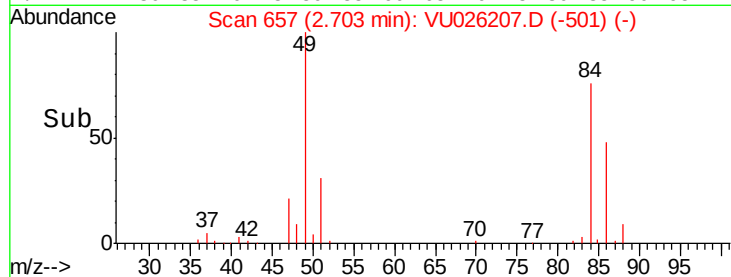
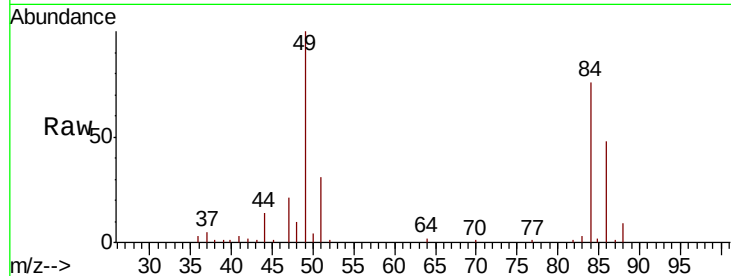
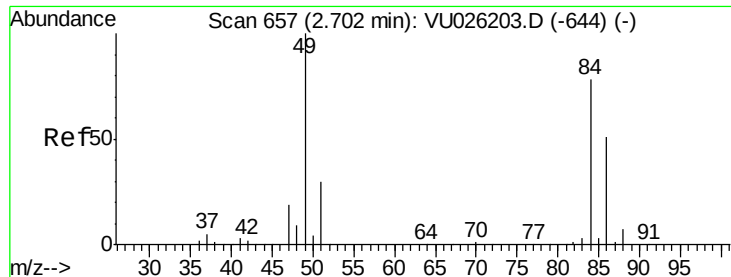
Tgt Ion: 76 Resp: 72770

Ion Ratio Lower Upper

76 100

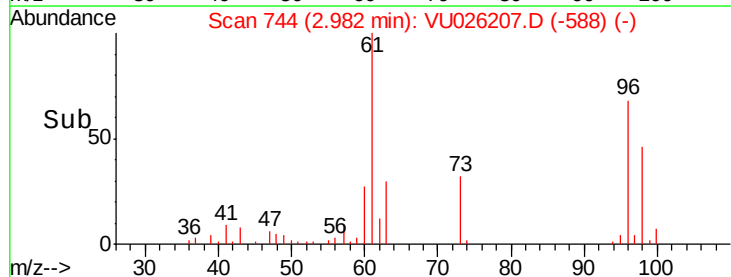
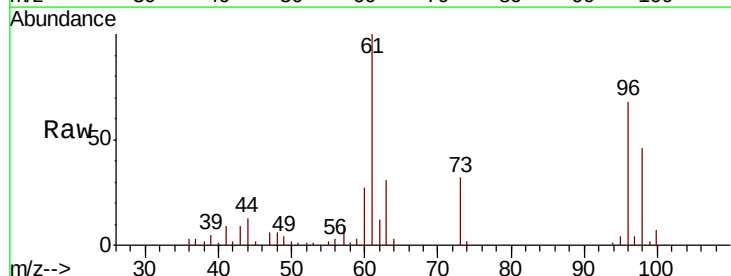
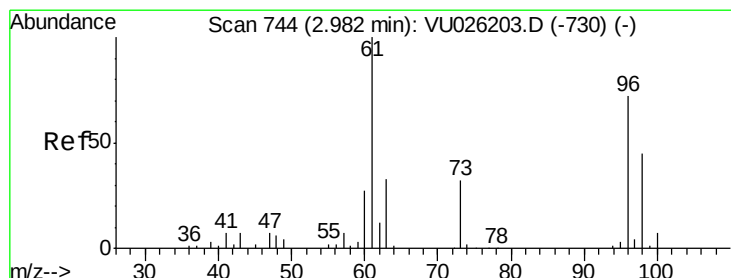
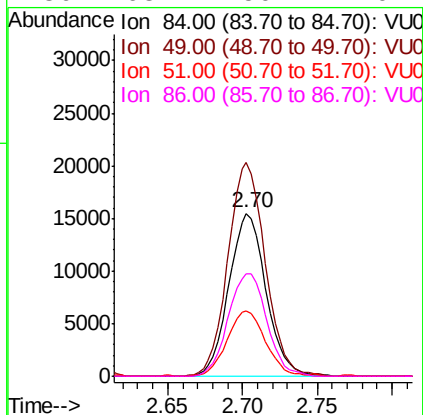
78 10.0 7.3 10.9





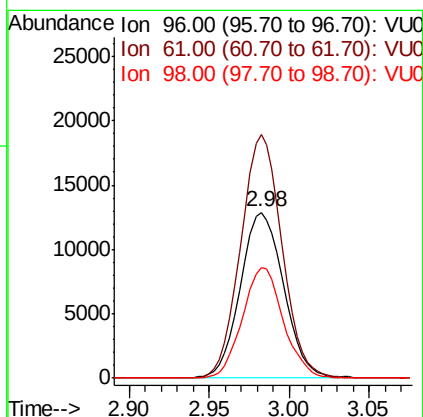
#15
Methylene Chloride
Concen: 2.293 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

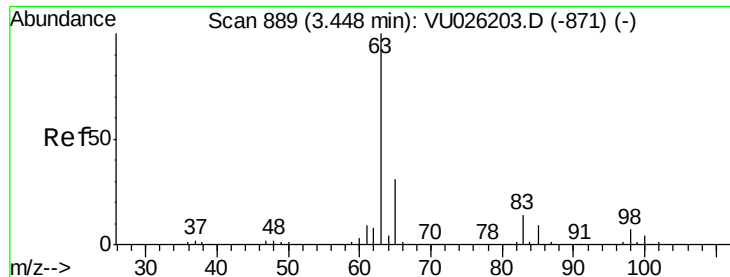
Tot Ion: 84 Resp: 26800
Ion Ratio Lower Upper
84 100
49 131.4 108.7 163.1
51 40.4 0.0 82.4
86 63.1 50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 2.112 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion: 96 Resp: 23768
Ion Ratio Lower Upper
96 100
61 147.0 123.9 185.9
98 66.9 50.6 76.0

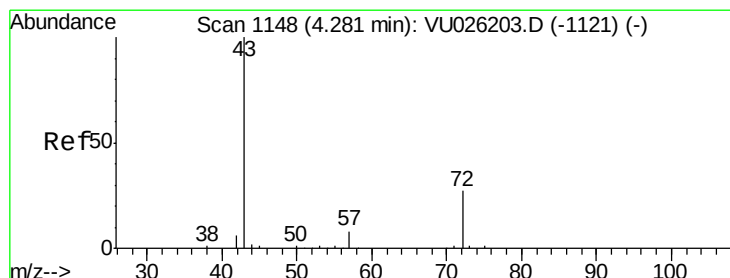
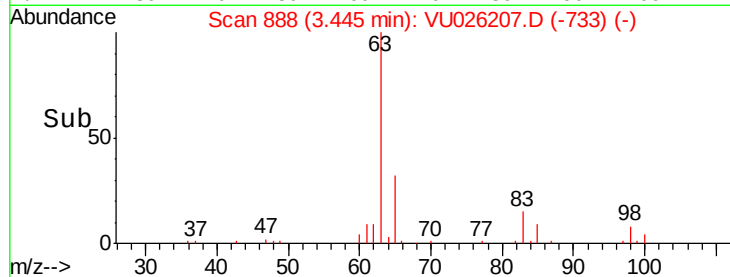
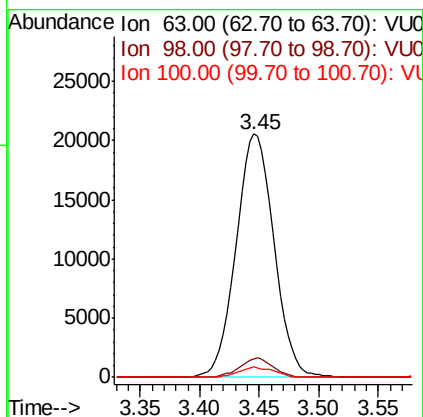
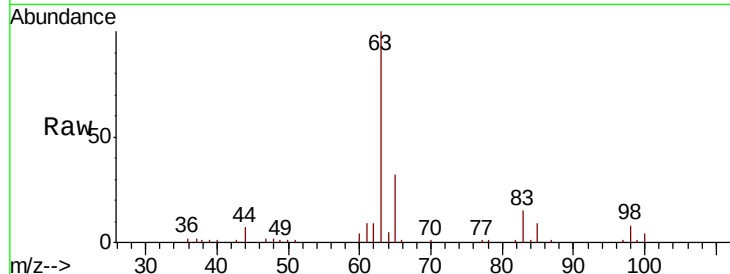




#17
 1,1-Dichloroethane
 Concen: 2.204 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

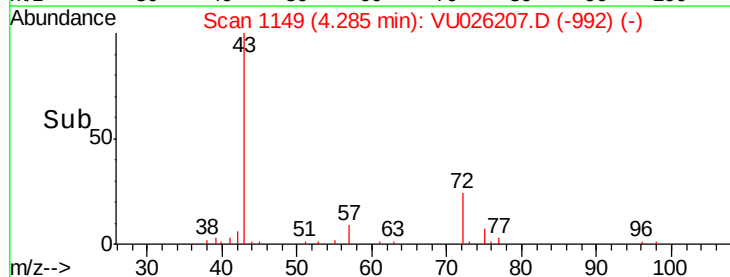
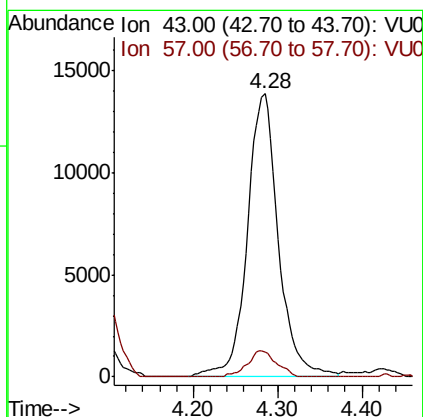
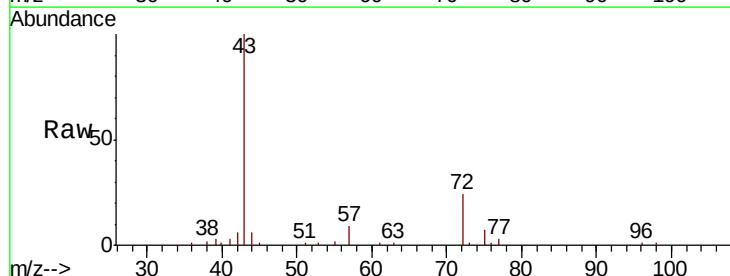
Instrument :
 MSVOA_U
 ClientSampled :

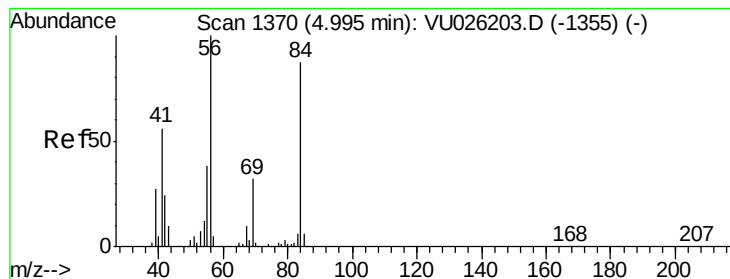
Tot Ion: 63 Resp: 45381
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.8
 100 4.2 2.0 5.8



#18
 2-Butanone
 Concen: 11.270 ug/l
 RT: 4.28 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion: 43 Resp: 35565
 Ion Ratio Lower Upper
 43 100
 57 9.0 0.0 15.8





#19

Cyclohexane

Concen: 2.159 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :

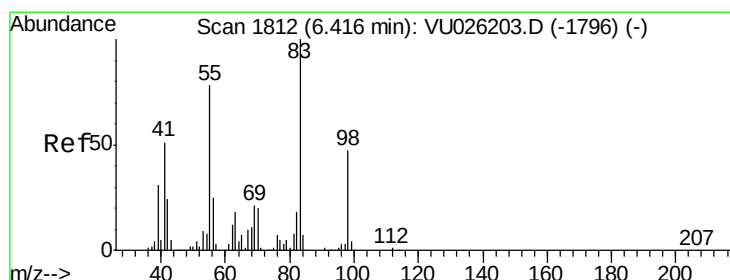
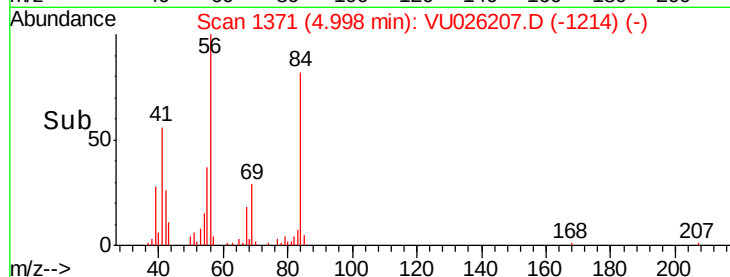
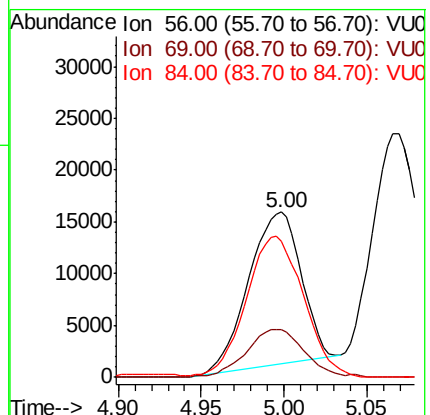
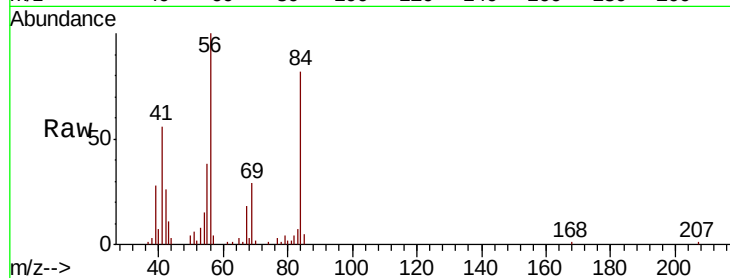
Tot Ion: 56 Resp: 32670

Ion Ratio Lower Upper

56 100

69 32.8 26.0 39.0

84 99.6 68.3 102.5



#20

Methylcyclohexane

Concen: 2.182 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

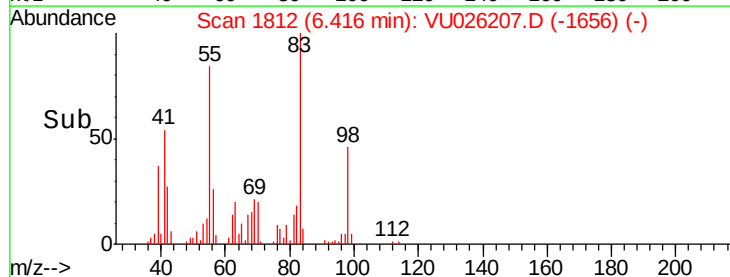
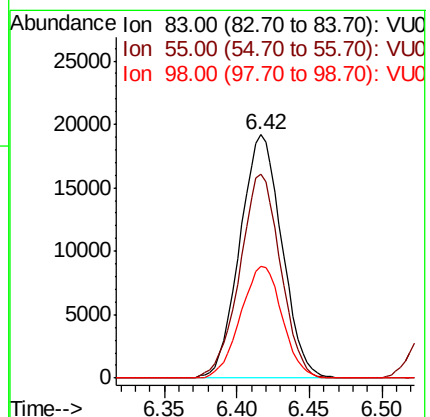
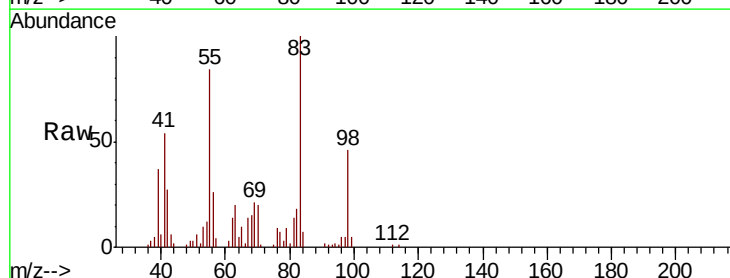
Tgt Ion: 83 Resp: 38657

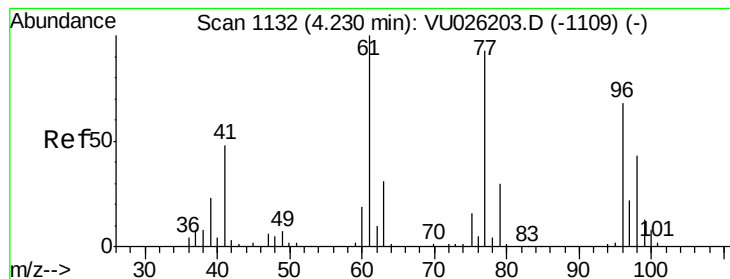
Ion Ratio Lower Upper

83 100

55 81.4 66.4 99.6

98 45.5 35.4 53.2





#21

2,2-Dichloropropane

Concen: 2.202 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

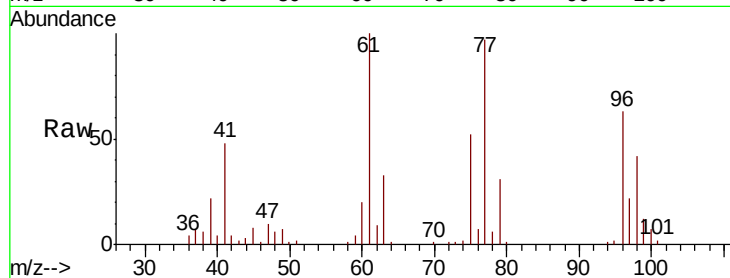
ClientSampled :

Tot Ion: 77 Resp: 46604

Ion Ratio Lower Upper

77 100

97 22.7 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

20000

15000

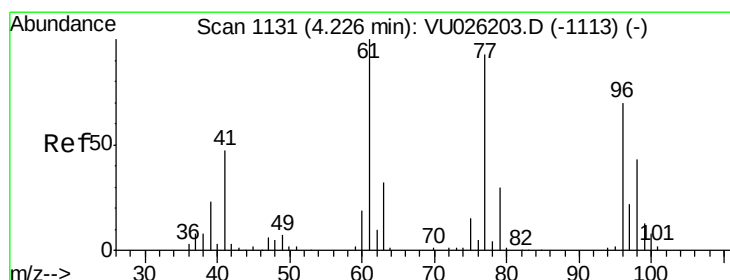
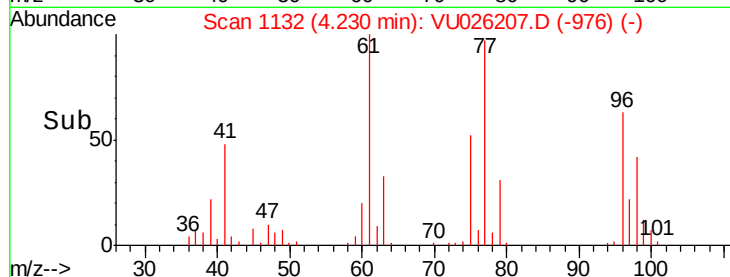
10000

5000

0

Time--> 4.10 4.20 4.30

4.23



#22

cis-1,2-Dichloroethene

Concen: 2.123 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

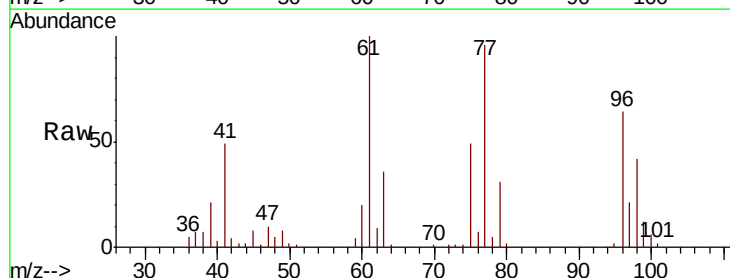
Tgt Ion: 96 Resp: 28986

Ion Ratio Lower Upper

96 100

61 150.5 0.0 400.5

98 64.9 32.2 96.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

25000

20000

15000

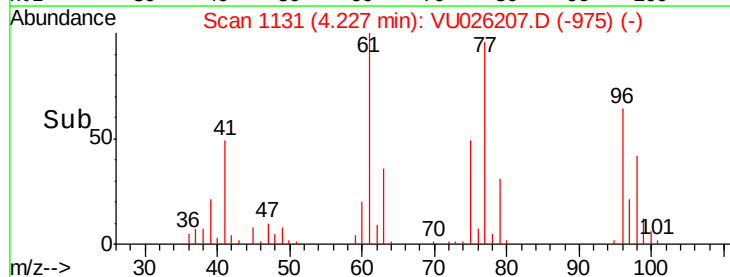
10000

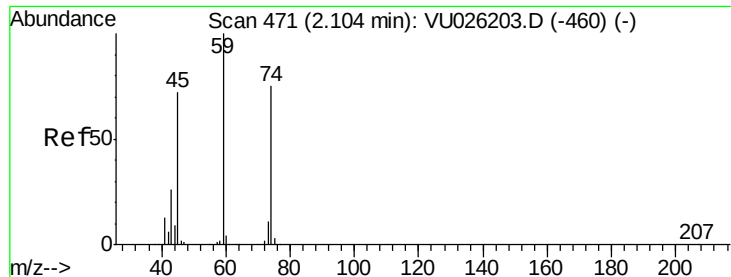
5000

0

Time--> 4.15 4.20 4.25 4.30

4.23





#23

Diethyl Ether

Concen: 2.091 ug/l

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

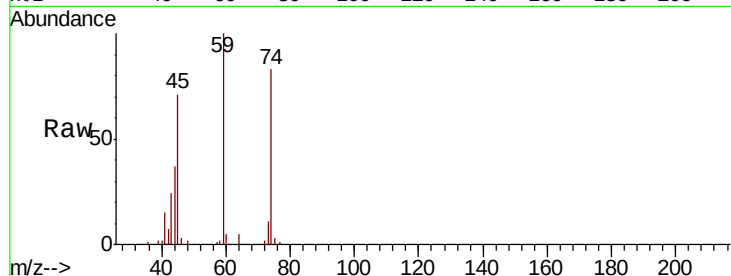
Tot Ion: 59 Resp: 15566

Ion Ratio Lower Upper

59 100

45 78.3 60.0 90.0

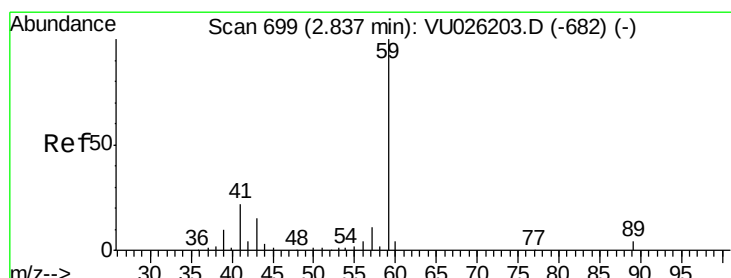
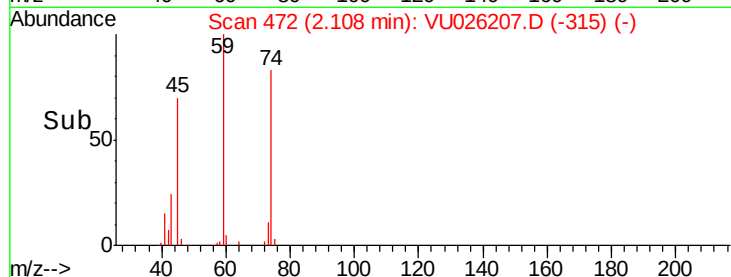
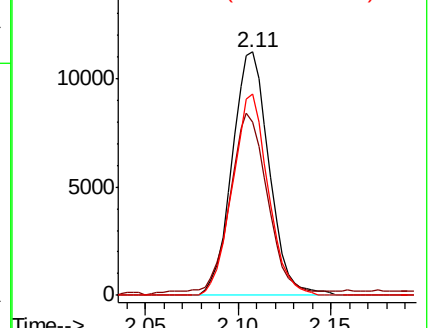
74 79.7 56.5 84.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 22.685 ug/l

RT: 2.83 min Scan# 698

Delta R.T. -0.00 min

Lab File: VU026207.D

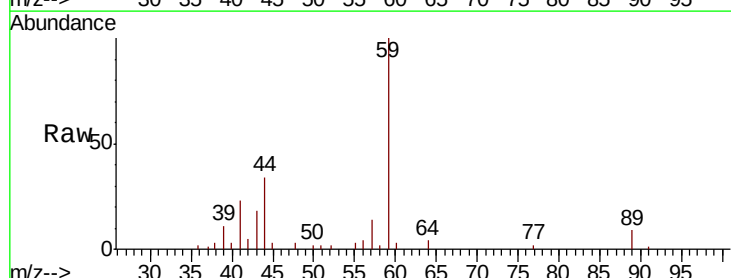
Acq: 20 Aug 2018 14:40

Tgt Ion: 59 Resp: 17287

Ion Ratio Lower Upper

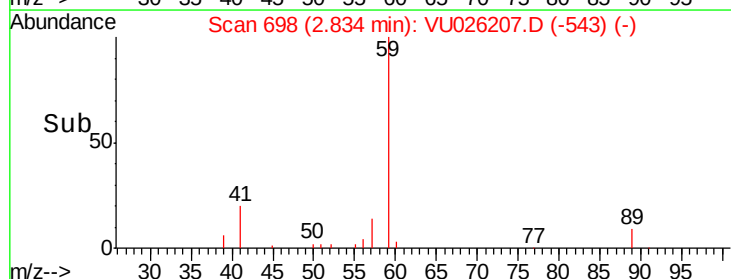
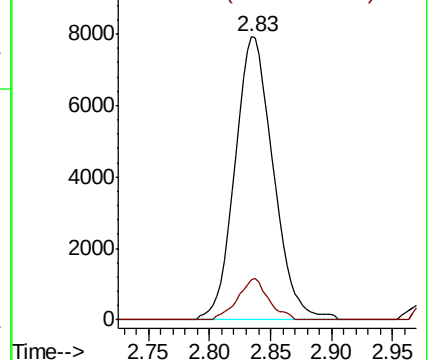
59 100

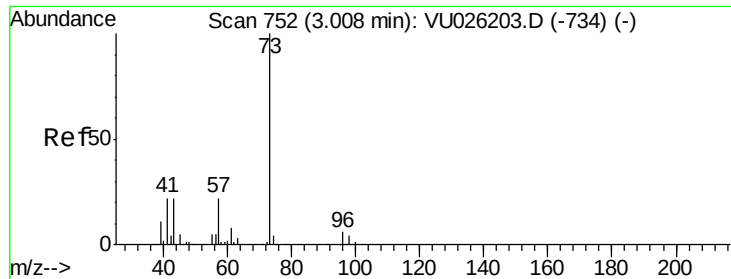
57 11.7 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



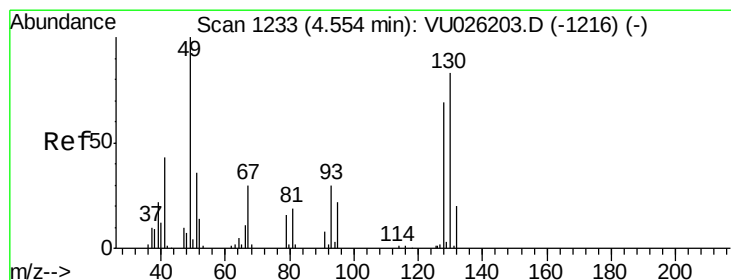
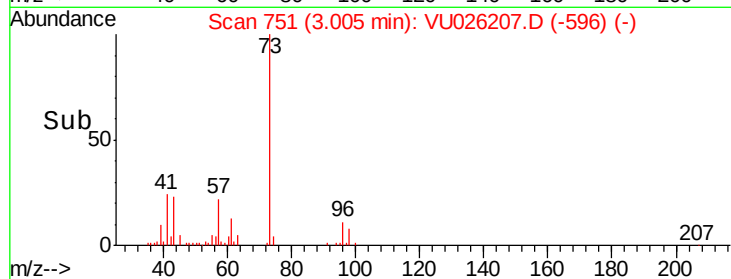
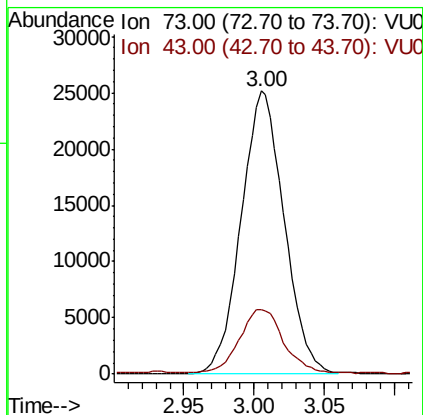
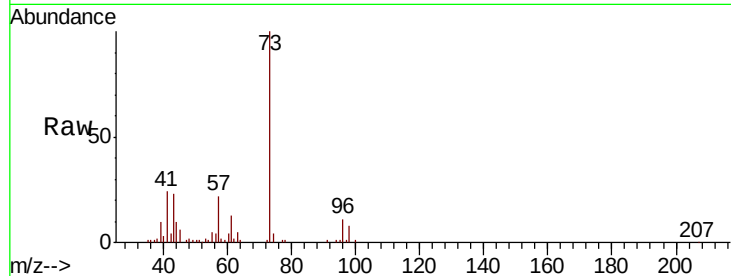


#25

Methyl tert-Butyl Ether
 Concen: 2.118 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :

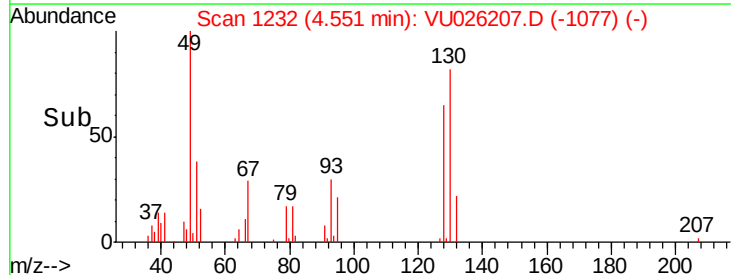
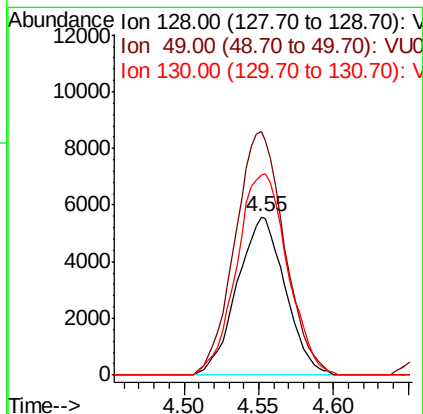
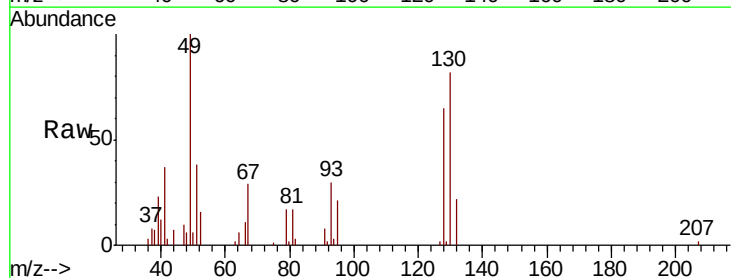
Tot Ion: 73 Resp: 53687
 Ion Ratio Lower Upper
 73 100
 43 24.3 16.2 24.2#

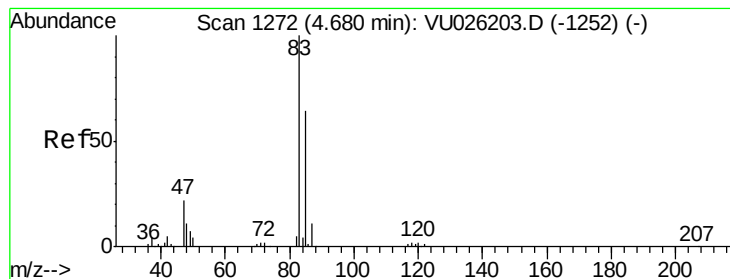


#26

Bromochloromethane
 Concen: 2.042 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion: 128 Resp: 12466
 Ion Ratio Lower Upper
 128 100
 49 157.9 0.0 375.2
 130 134.9 105.8 158.6





#27

Chloroform

Concen: 2.137 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

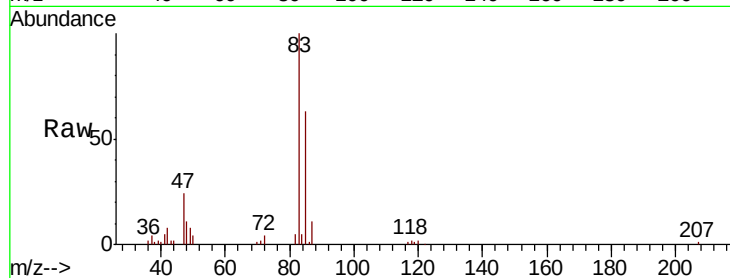
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 50867

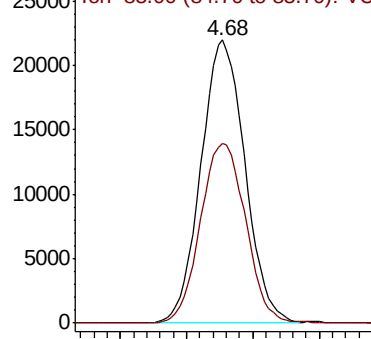
Ion Ratio Lower Upper

83 100

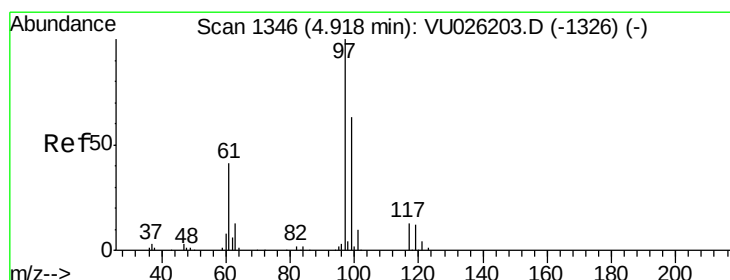
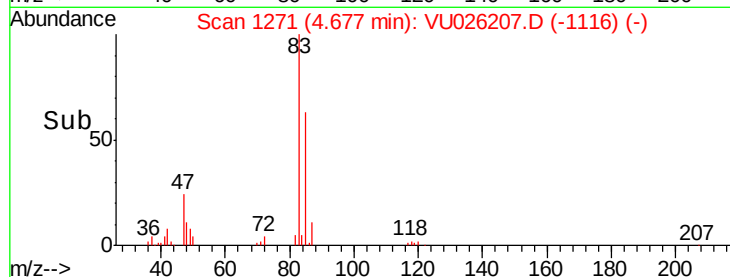
85 63.3 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0



Time-->



#28

1,1,1-Trichloroethane

Concen: 2.221 ug/l

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

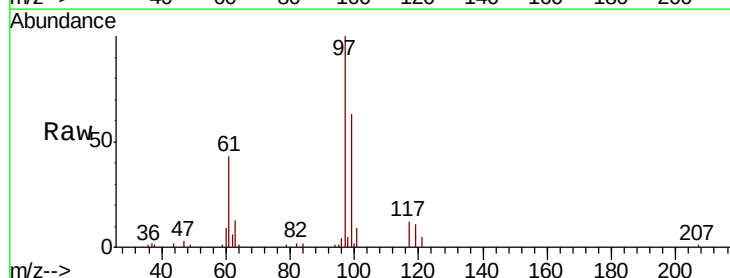
Tgt Ion: 97 Resp: 46994

Ion Ratio Lower Upper

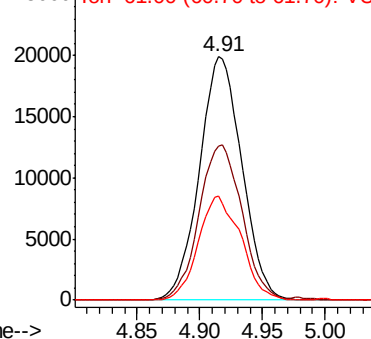
97 100

99 64.2 32.3 96.9

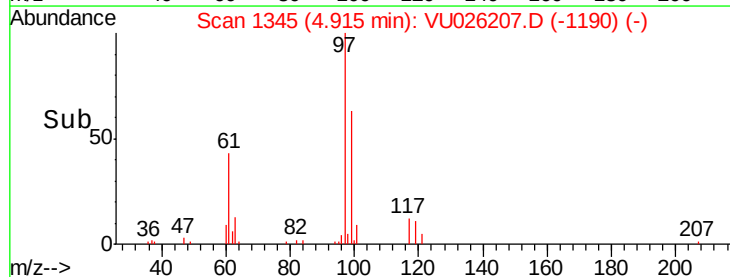
61 42.6 23.2 69.5

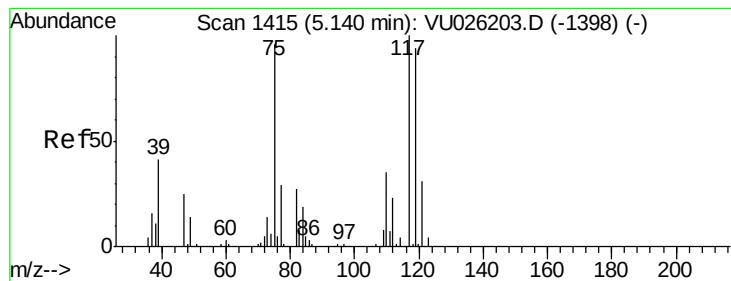


Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.00 (60.70 to 61.70): VU0



Time-->





#29

1,1-Dichloropropene

Concen: 2.168 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

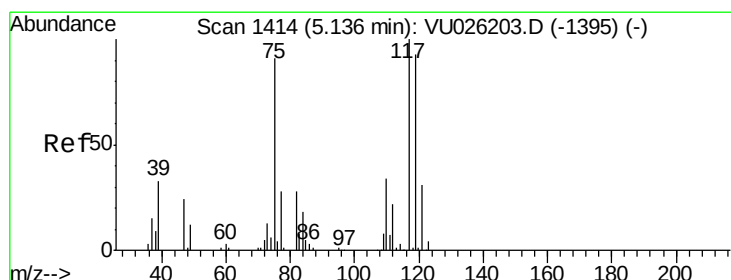
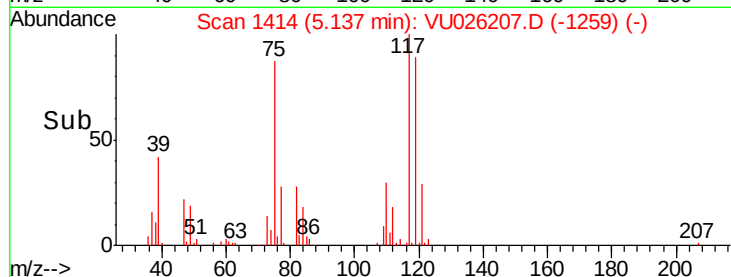
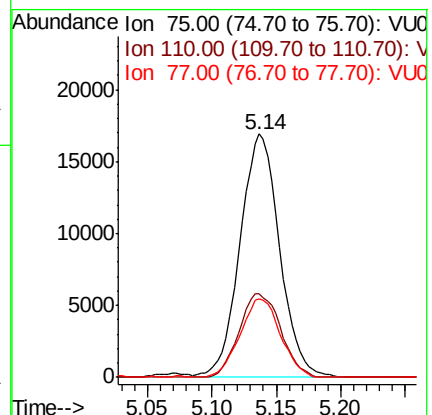
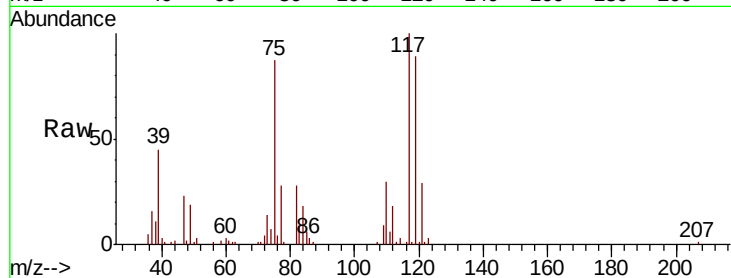
Tot Ion: 75 Resp: 36192

Ion Ratio Lower Upper

75 100

110 36.1 16.9 50.7

77 32.9 24.8 37.2



#30

Carbon Tetrachloride

Concen: 2.192 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

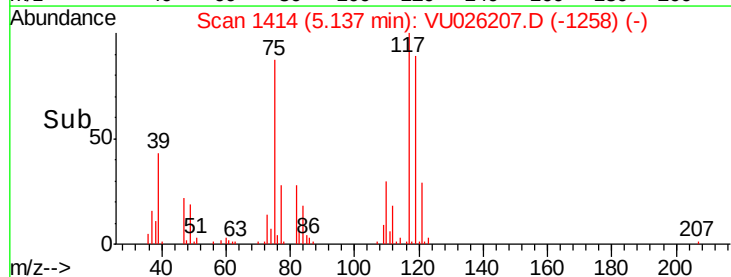
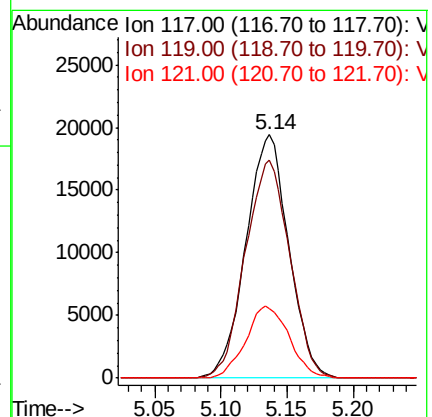
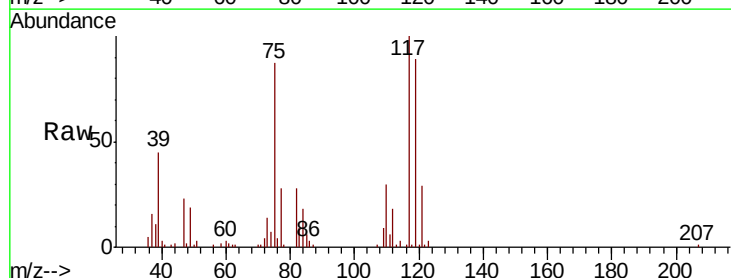
Tgt Ion: 117 Resp: 43744

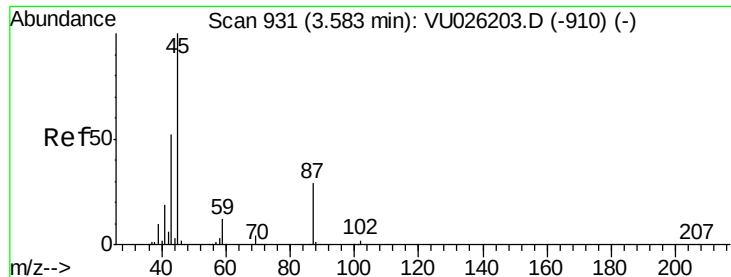
Ion Ratio Lower Upper

117 100

119 89.4 77.3 115.9

121 28.7 24.5 36.7





#31

Isopropyl Ether

Concen: 2.177 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

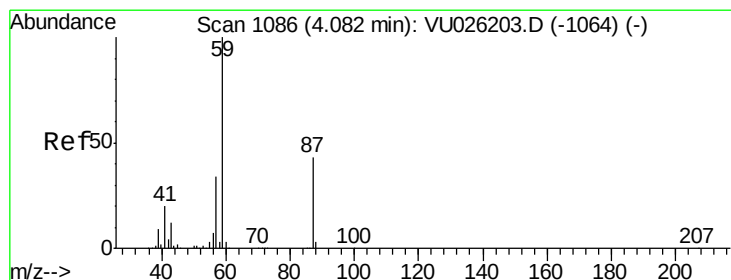
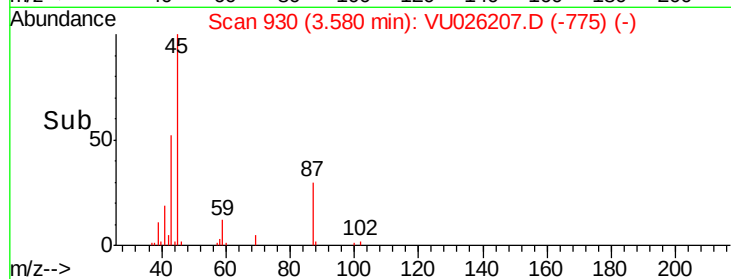
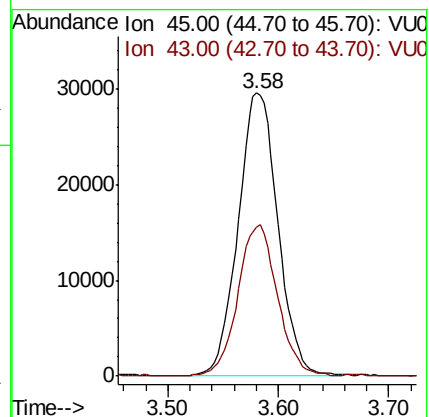
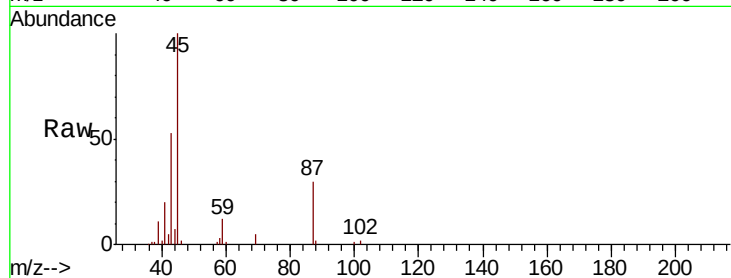
ClientSampleId :

Tot Ion: 45 Resp: 73825

Ion Ratio Lower Upper

45 100

43 53.2 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 2.203 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VU026207.D

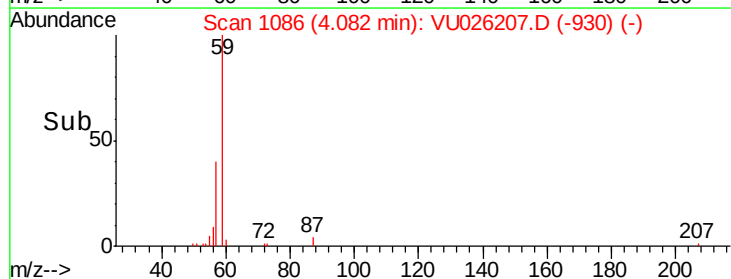
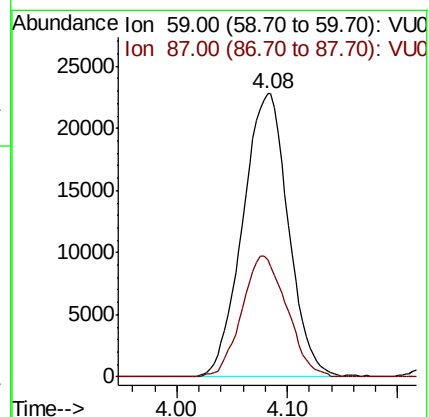
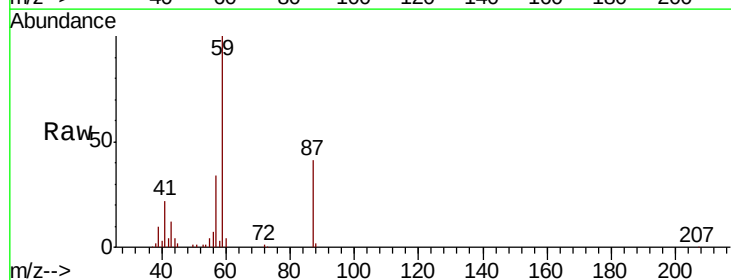
Acq: 20 Aug 2018 14:40

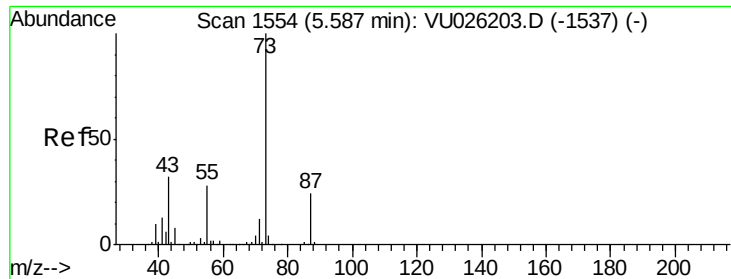
Tgt Ion: 59 Resp: 65443

Ion Ratio Lower Upper

59 100

87 42.0 31.0 46.6

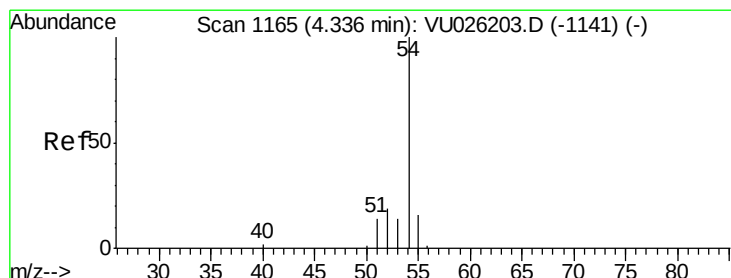
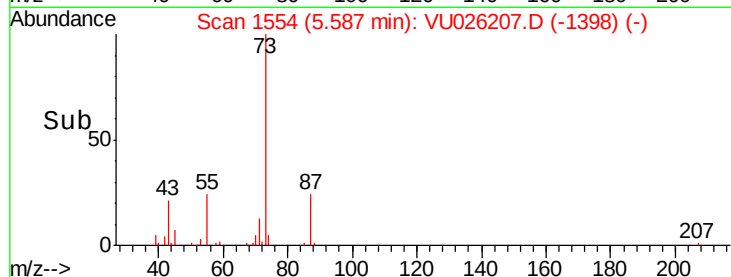
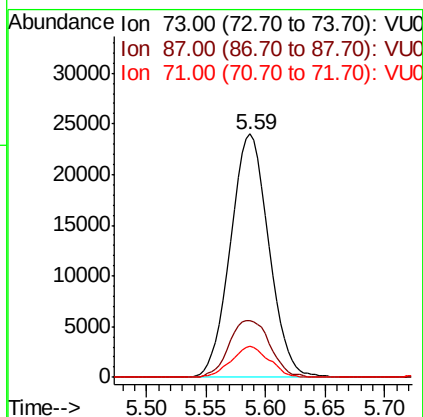
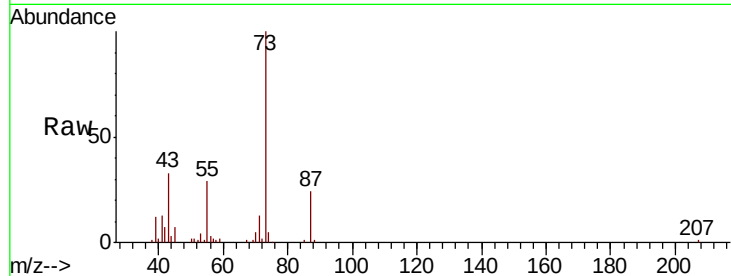




#33
Tert-Butyl methyl ether
Concen: 2.115 ug/l
RT: 5.59 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

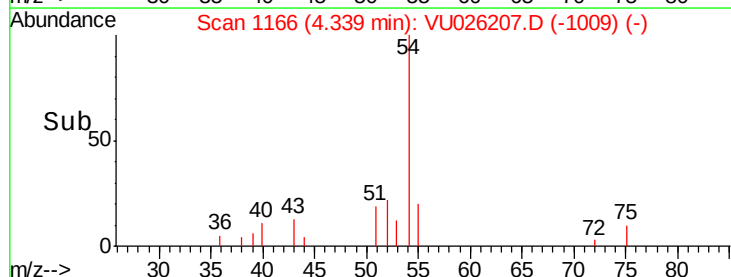
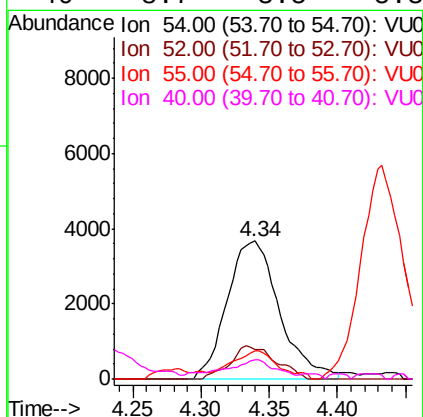
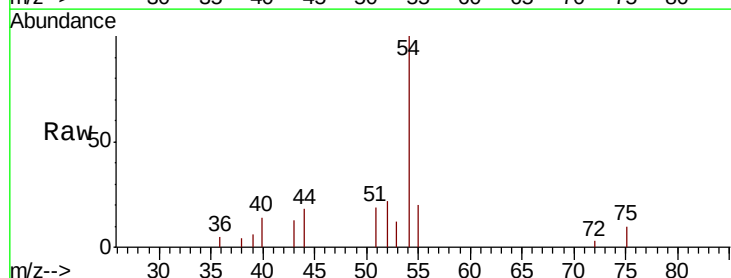
Instrument :
MSVOA_U
ClientSampleId :

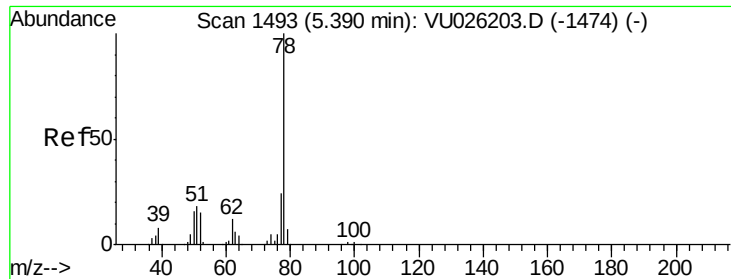
Tot Ion: 73 Resp: 53678
Ion Ratio Lower Upper
73 100
87 24.9 18.6 28.0
71 12.5 9.3 13.9



#34
Propionitrile
Concen: 10.877 ug/l
RT: 4.34 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion: 54 Resp: 9776
Ion Ratio Lower Upper
54 100
52 20.9 13.7 20.5#
55 17.8 10.2 15.2#
40 8.7 3.5 5.3#





#35

Benzene

Concen: 2.147 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

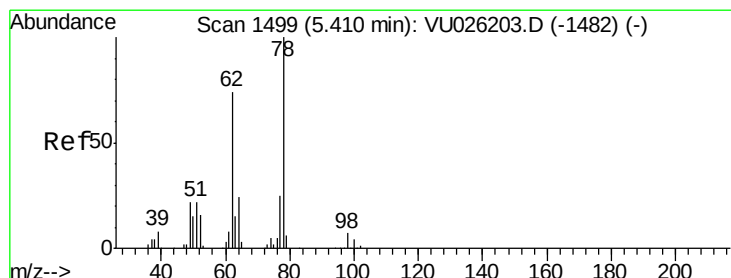
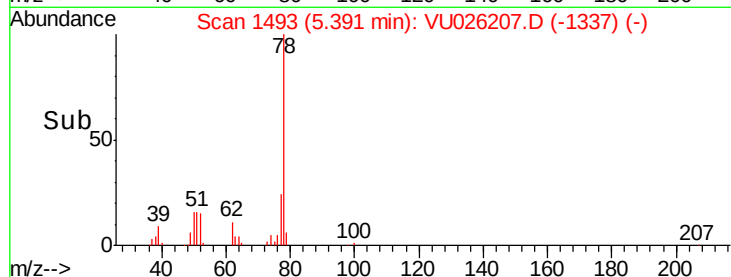
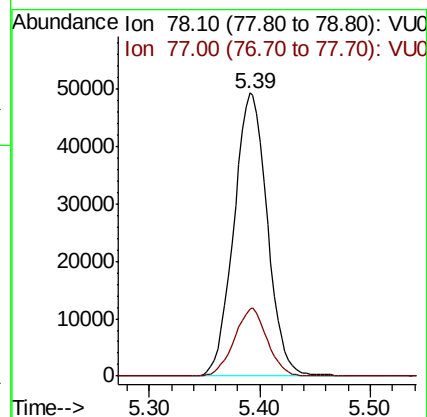
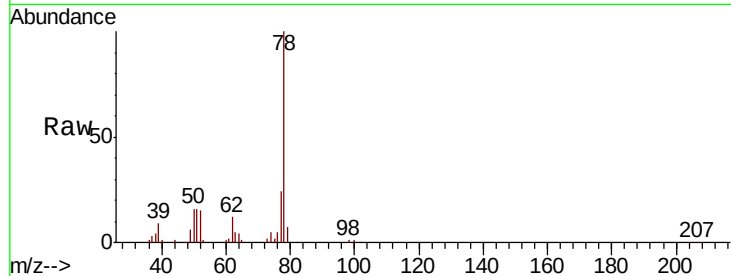
ClientSampled :

Tot Ion: 78 Resp: 103585

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7



#36

1,2-Dichloroethane

Concen: 2.177 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU026207.D

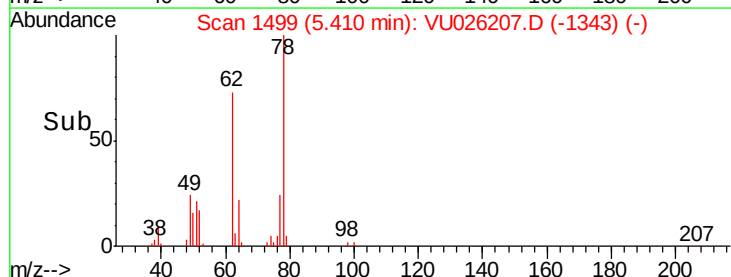
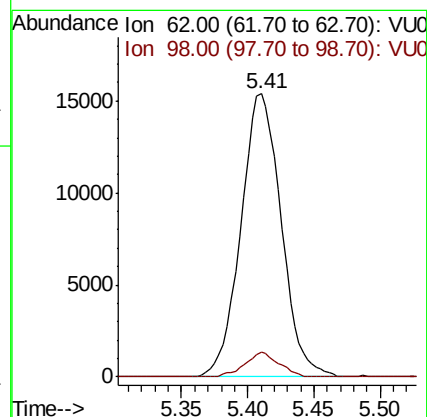
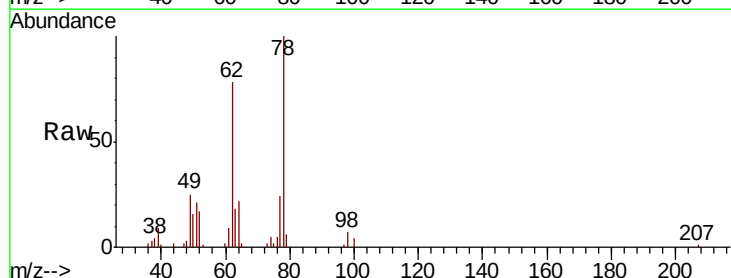
Acq: 20 Aug 2018 14:40

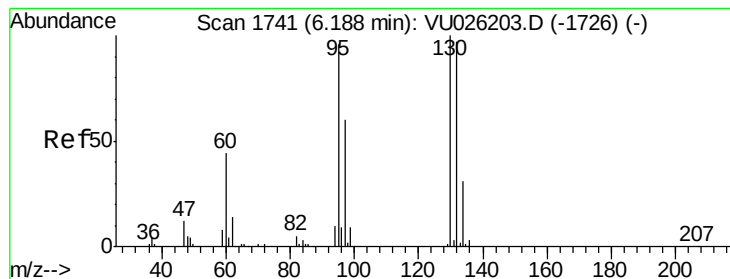
Tgt Ion: 62 Resp: 32560

Ion Ratio Lower Upper

62 100

98 7.3 7.2 10.8





#37

Trichloroethene

Concen: 2.190 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

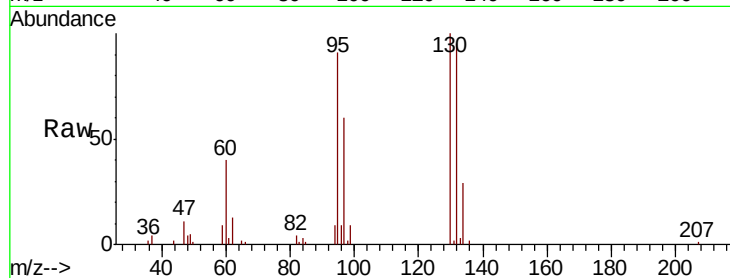
ClientSampled :

Tot Ion:130 Resp: 29735

Ion Ratio Lower Upper

130 100

95 91.2 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): VU026207.D (-1585) (-)

Ion 94.90 (94.60 to 95.60): VU026207.D (-1585) (-)

6.19

15000

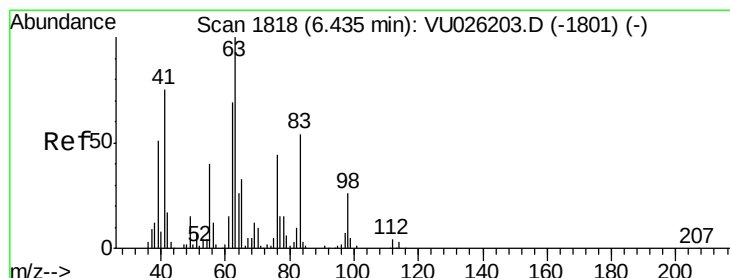
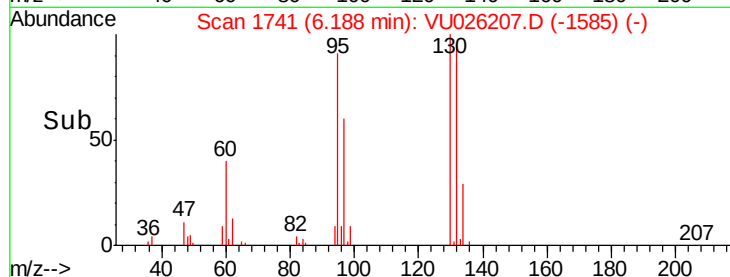
10000

5000

0

Time-->

6.10 6.15 6.20 6.25



#38

1,2-Dichloropropane

Concen: 2.226 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU026207.D

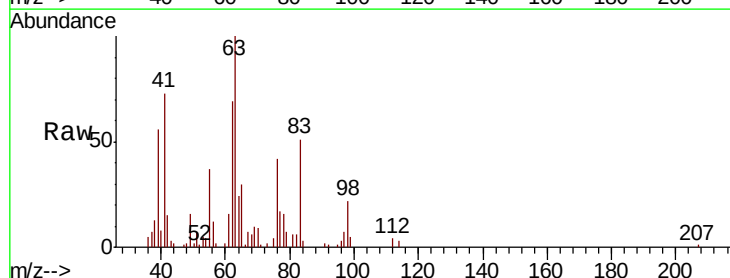
Acq: 20 Aug 2018 14:40

Tgt Ion: 63 Resp: 27821

Ion Ratio Lower Upper

63 100

65 30.1 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU026207.D (-1662) (-)

Ion 65.00 (64.70 to 65.70): VU026207.D (-1662) (-)

6.44

15000

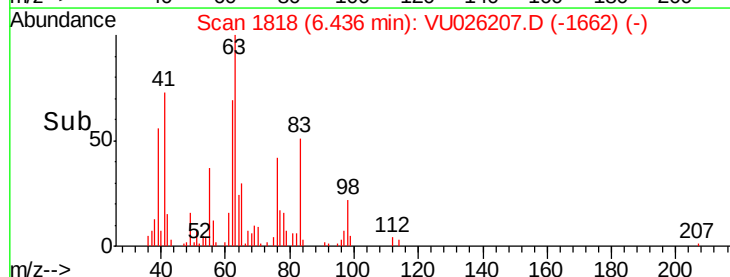
10000

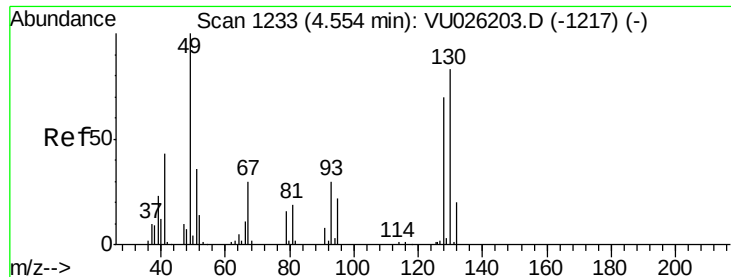
5000

0

Time-->

6.35 6.40 6.45 6.50

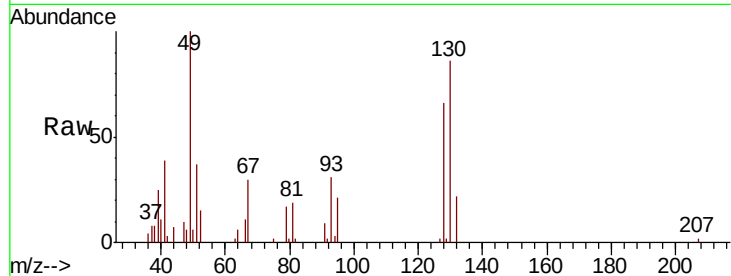




#39
Methacrylonitrile
Concen: 2.225 ug/l
RT: 4.55 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	8442
Ion	Ratio	Lower	Upper
41	100		
67	70.1	51.3	76.9
39	58.5	40.6	60.8
52	30.2	21.5	32.3



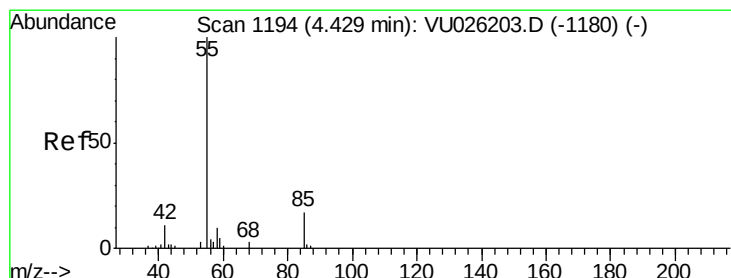
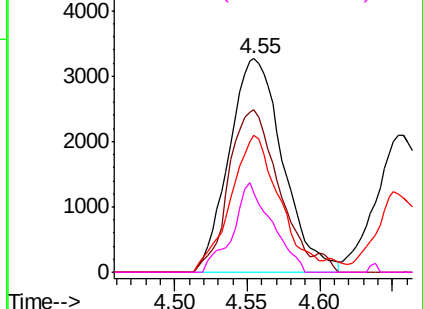
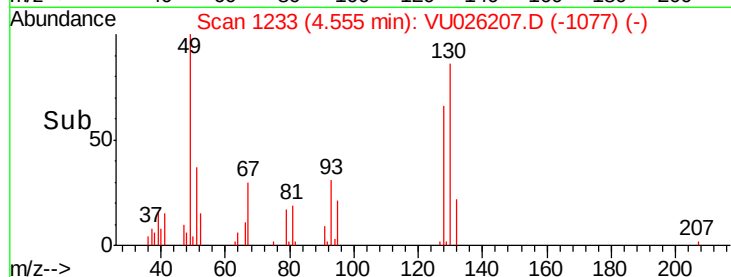
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

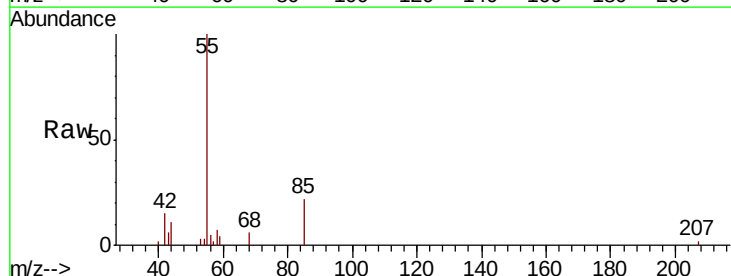
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 2.279 ug/l
RT: 4.43 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion:	55	Resp:	13112
Ion	Ratio	Lower	Upper
55	100		
85	19.8	12.3	18.5#
58	5.7	7.0	10.6#
42	11.8	7.0	10.4#



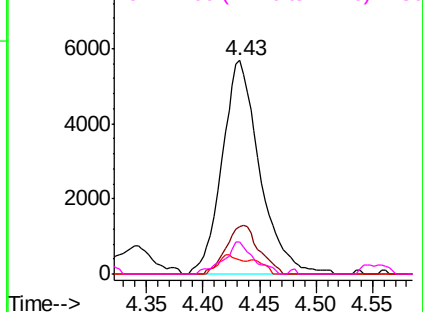
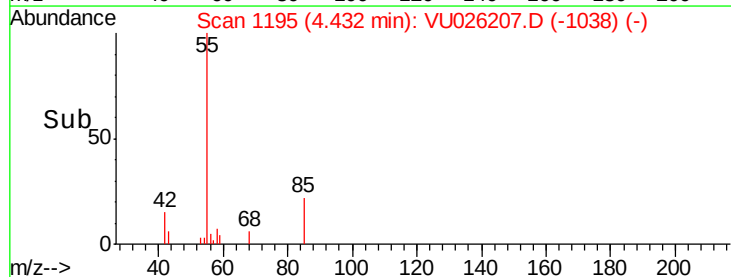
Abundance

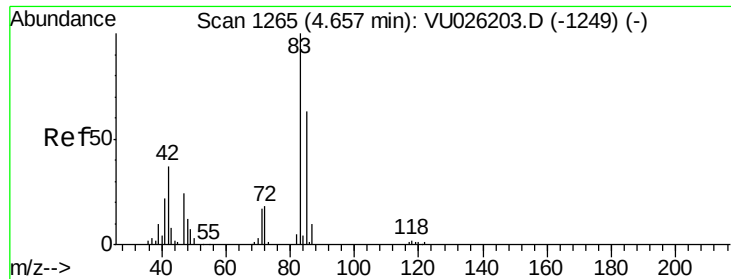
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

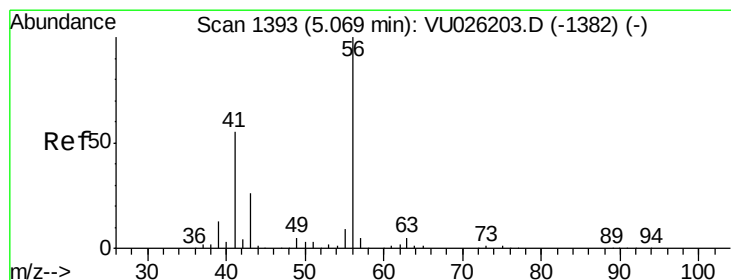
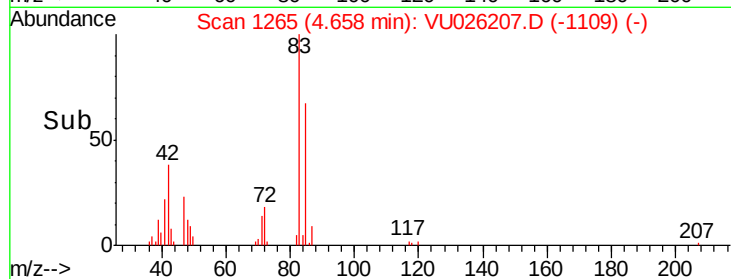
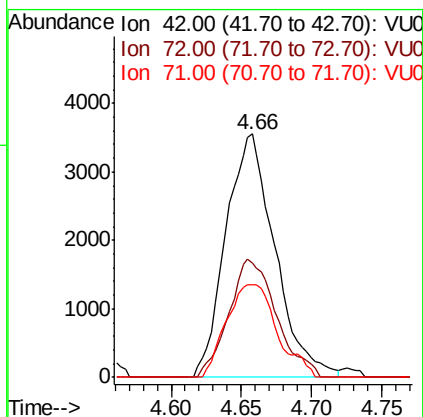
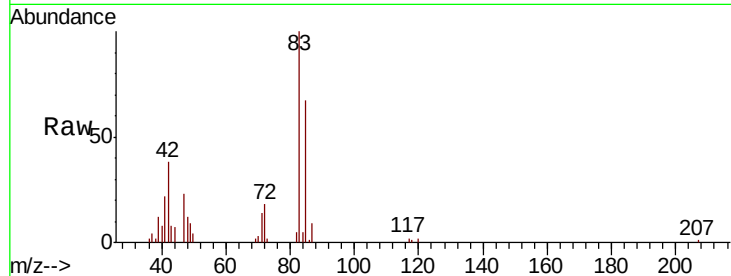




#41
Tetrahydrofuran
Concen: 4.094 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

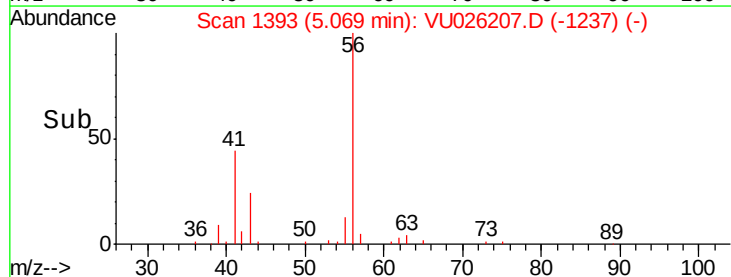
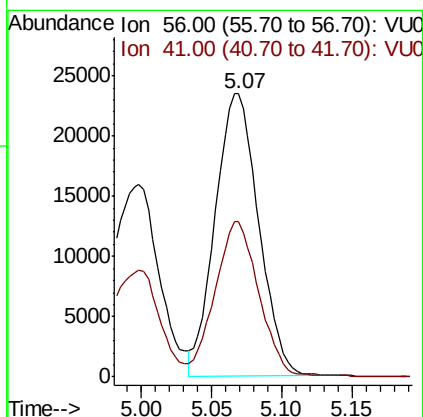
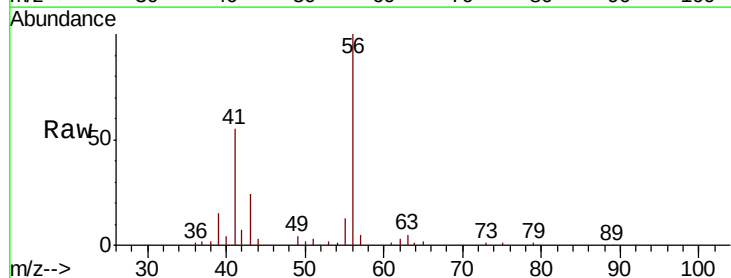
Instrument :
MSVOA_U
ClientSampleId :

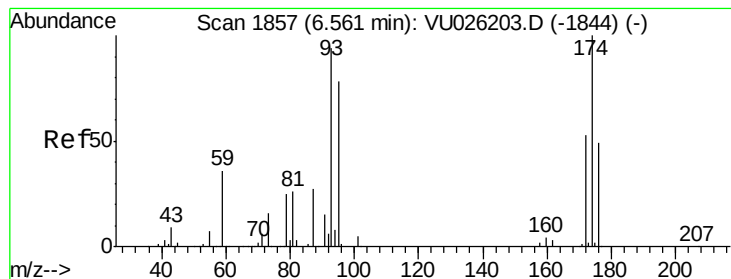
Tot Ion: 42 Resp: 8639
Ion Ratio Lower Upper
42 100
72 47.0 33.2 49.8
71 39.2 29.8 44.8



#42
1-Chlorobutane
Concen: 2.232 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion: 56 Resp: 50414
Ion Ratio Lower Upper
56 100
41 54.5 27.5 82.5





#43

Dibromomethane

Concen: 2.062 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

ClientSampled :

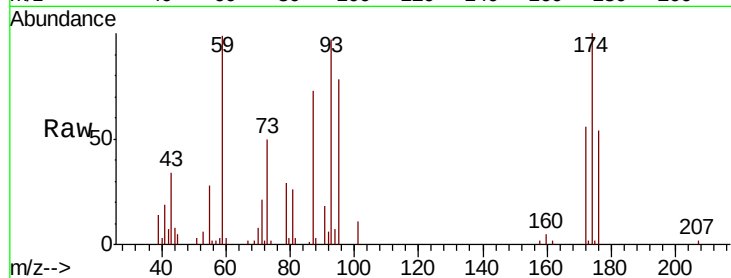
Tot Ion: 93 Resp: 13694

Ion Ratio Lower Upper

93 100

95 84.2 67.2 100.8

174 109.0 82.8 124.2

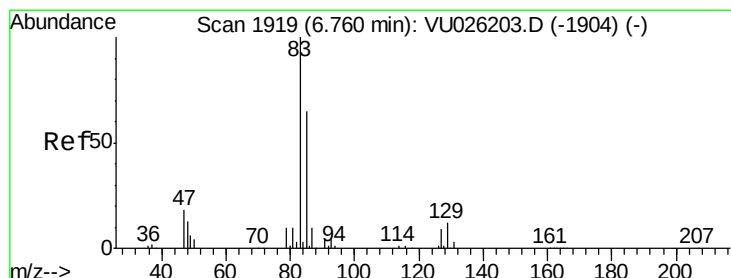
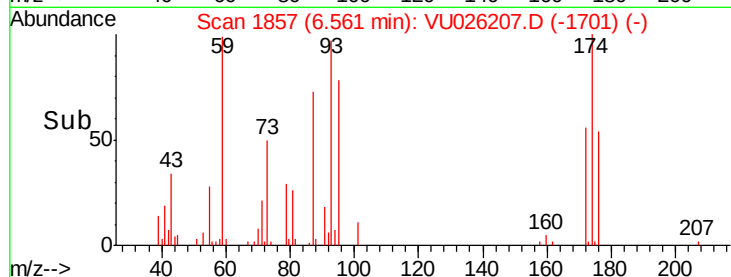
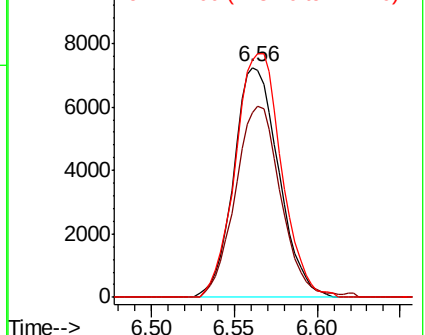


Abundance

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: 2.134 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

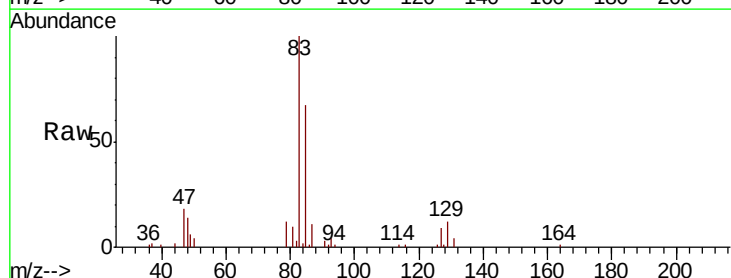
Tgt Ion: 83 Resp: 36576

Ion Ratio Lower Upper

83 100

85 66.8 52.2 78.4

127 8.9 7.0 10.4

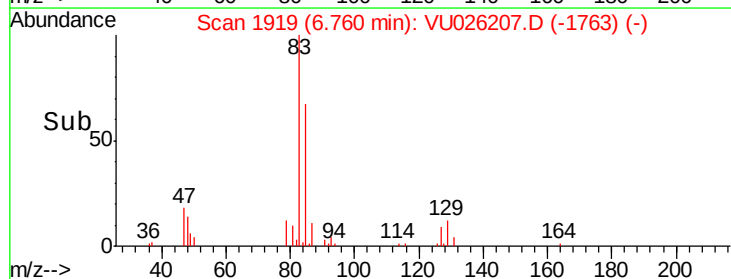
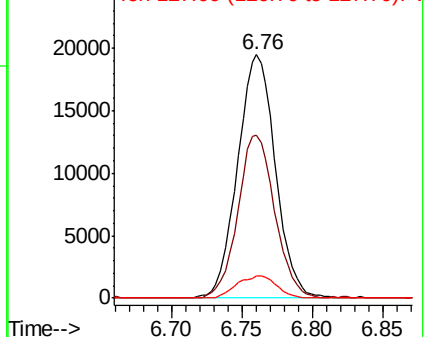


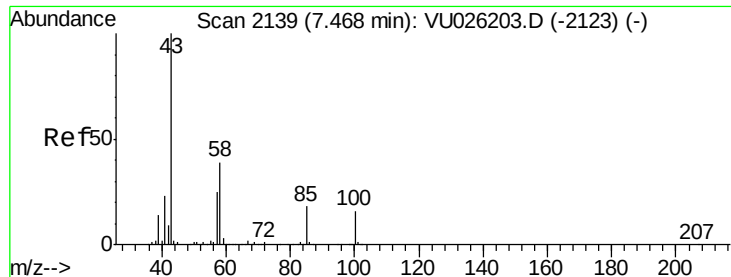
Abundance

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

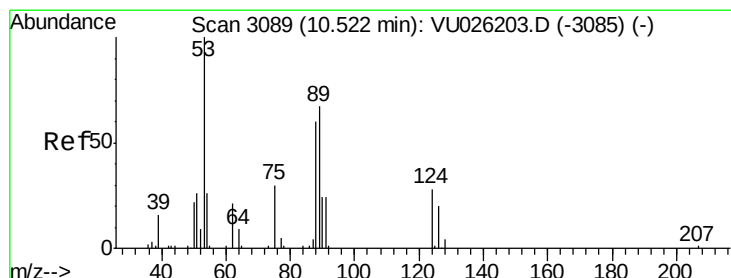
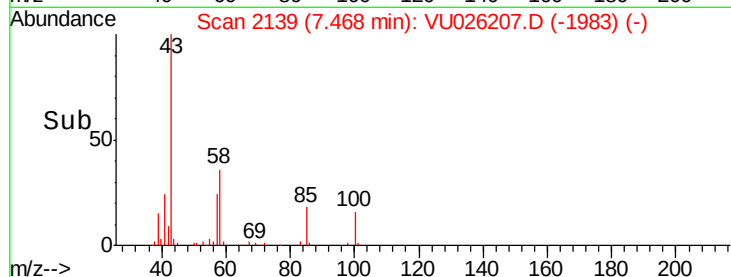
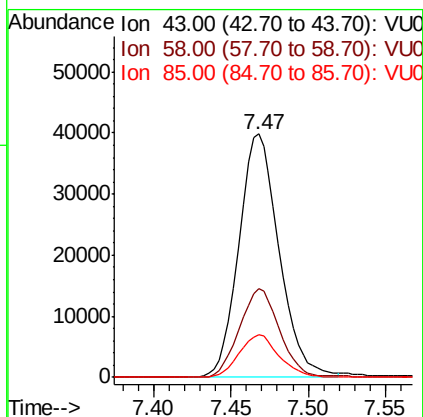
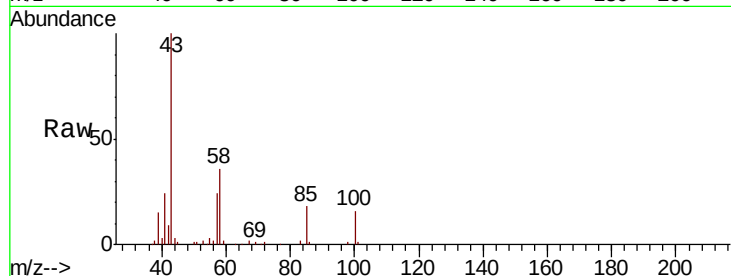




#45
4-Methyl-2-Pentanone
Concen: 10.713 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

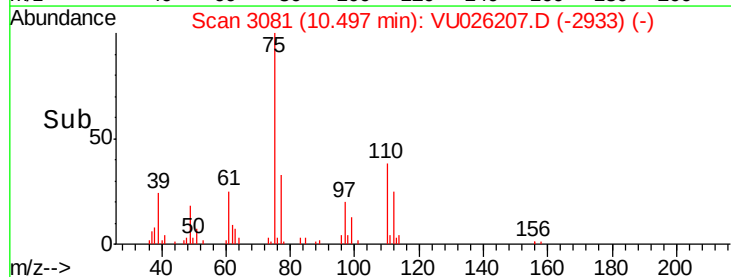
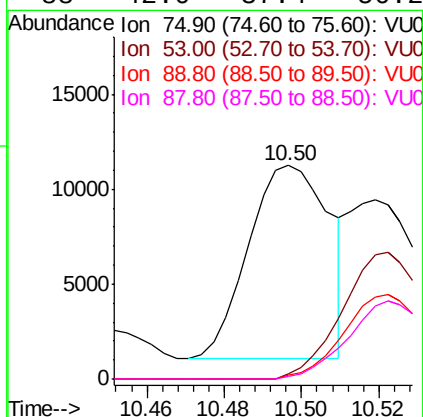
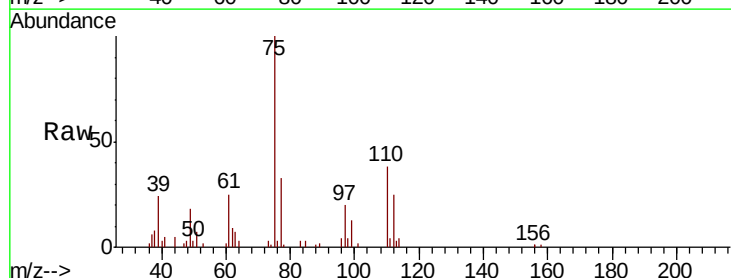
Instrument :
MSVOA_U
ClientSampleId :

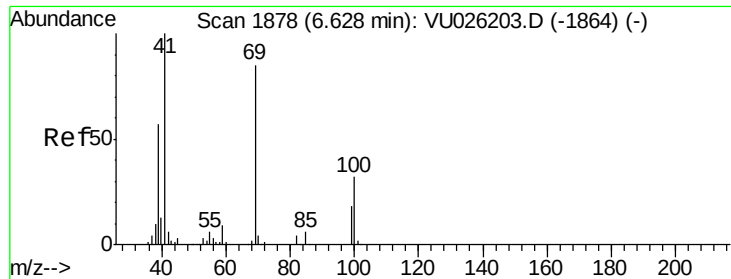
Tot Ion: 43 Resp: 72094
Ion Ratio Lower Upper
43 100
58 36.6 18.8 56.4
85 17.2 12.6 19.0



#46
t-1,4-Dichloro-2-butene
Concen: 4.738 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.03 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion: 75 Resp: 14790
Ion Ratio Lower Upper
75 100
53 70.4 82.2 123.4#
89 46.0 51.3 76.9#
88 42.0 37.4 56.2





#47

Methyl methacrylate

Concen: 4.328 ug/l

RT: 6.63 min Scan# 1879

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 21954

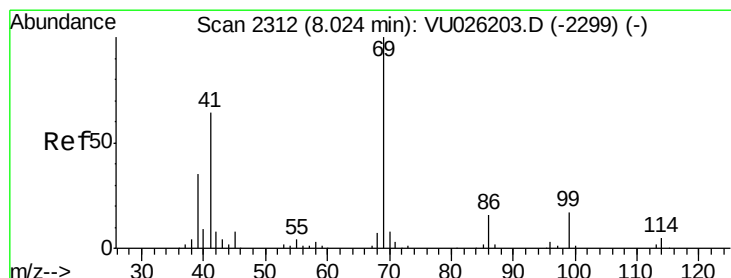
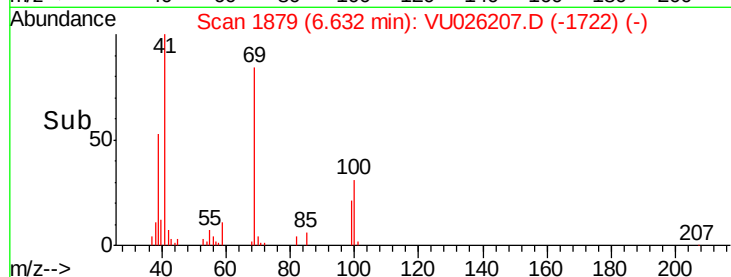
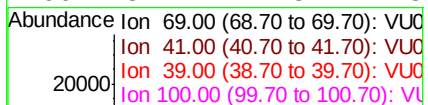
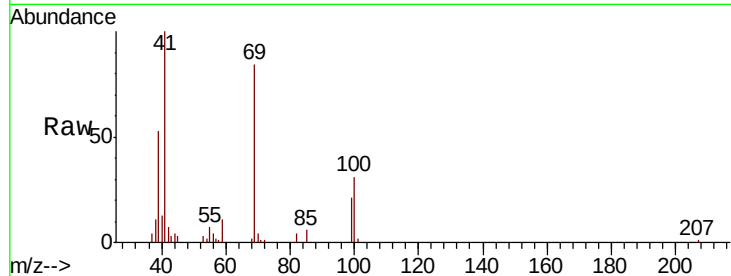
Ion Ratio Lower Upper

69 100

41 124.1 0.0 245.4

39 67.8 49.0 73.4

100 37.2 27.8 41.8



#48

Ethyl methacrylate

Concen: 2.202 ug/l

RT: 8.02 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VU026207.D

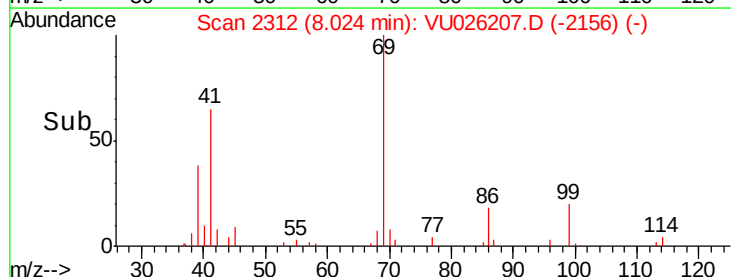
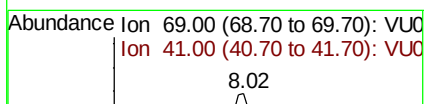
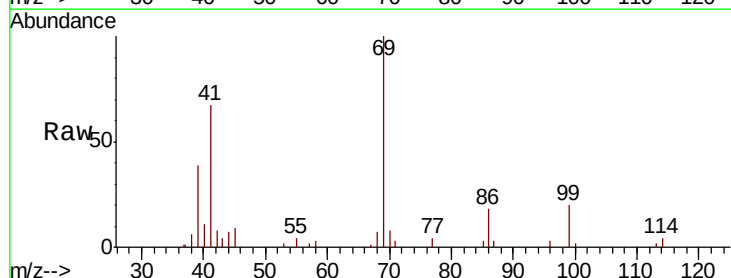
Acq: 20 Aug 2018 14:40

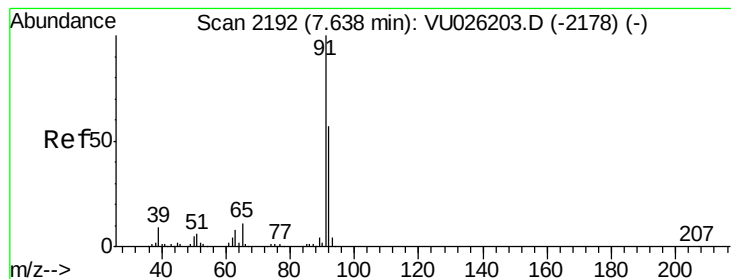
Tgt Ion: 69 Resp: 20439

Ion Ratio Lower Upper

69 100

41 67.9 34.2 102.5





#49

Toluene

Concen: 2.203 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

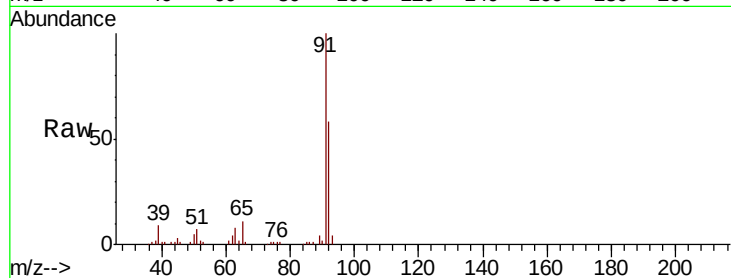
ClientSampleId :

Tot Ion: 92 Resp: 60691

Ion Ratio Lower Upper

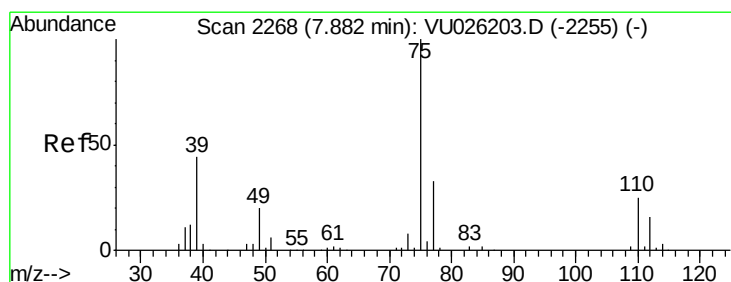
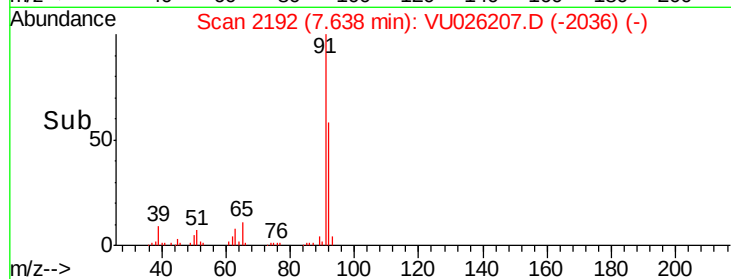
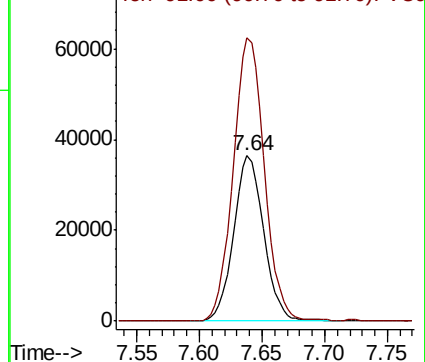
92 100

91 176.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 2.181 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU026207.D

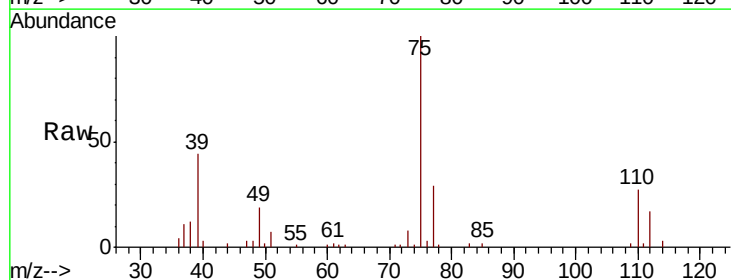
Acq: 20 Aug 2018 14:40

Tgt Ion: 75 Resp: 31887

Ion Ratio Lower Upper

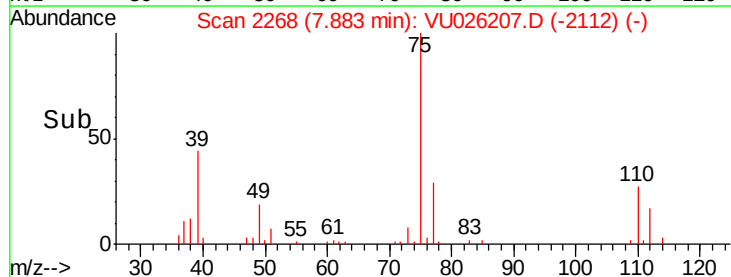
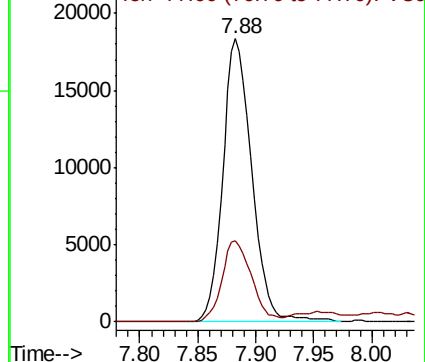
75 100

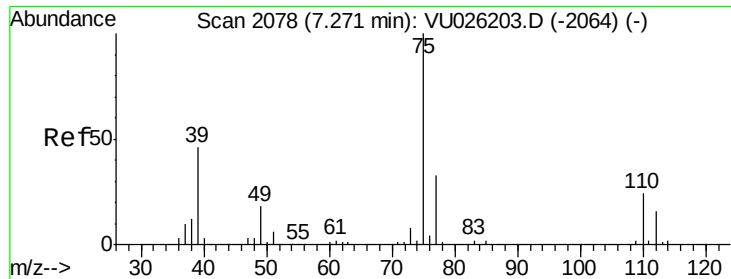
77 28.7 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

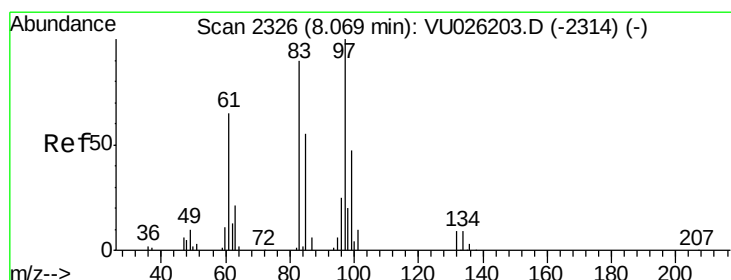
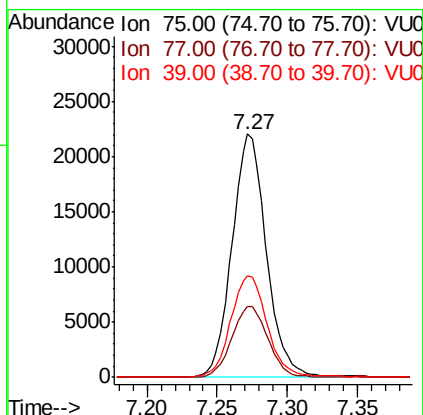
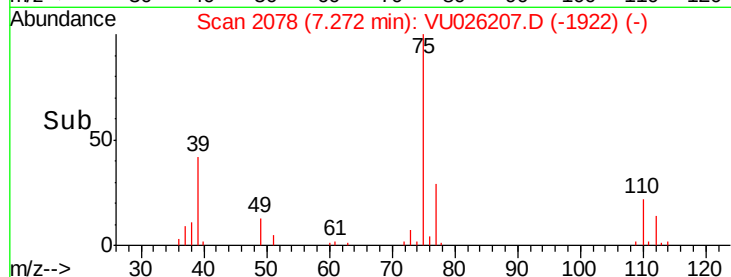
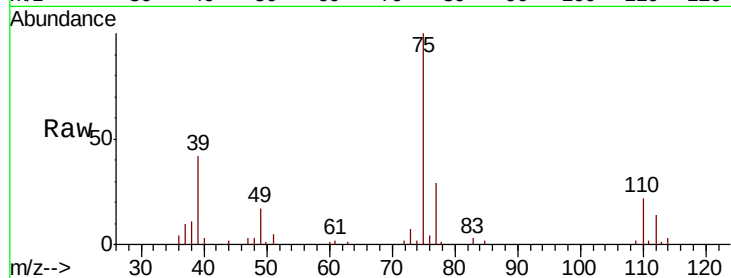




#51
 cis-1,3-Dichloropropene
 Concen: 2.218 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

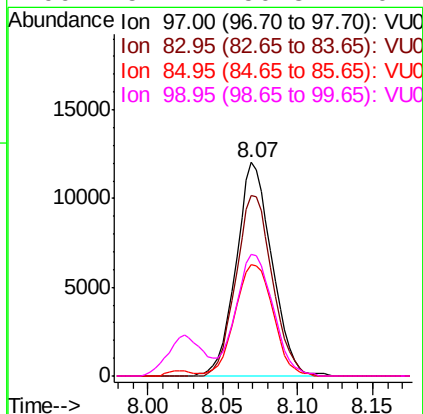
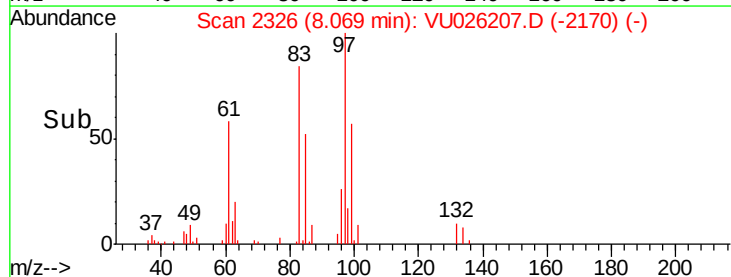
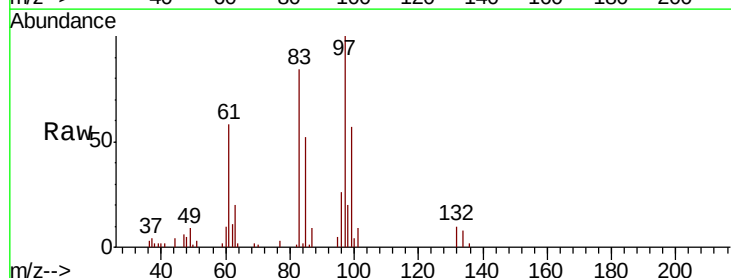
Instrument :
 MSVOA_U
 ClientSampleId :

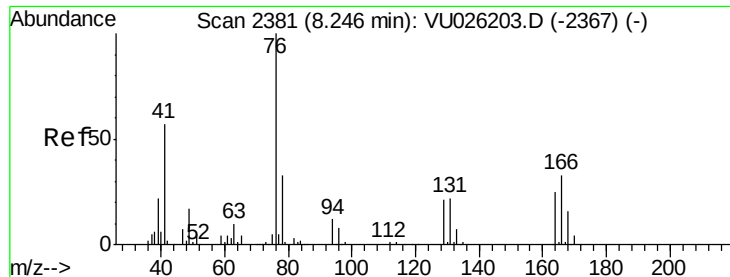
Tot Ion: 75 Resp: 37616
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.2 37.8
 39 41.8 36.4 54.6



#52
 1,1,2-Trichloroethane
 Concen: 2.225 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion: 97 Resp: 20034
 Ion Ratio Lower Upper
 97 100
 83 84.2 72.6 109.0
 85 52.2 47.2 70.8
 99 57.1 50.8 76.2

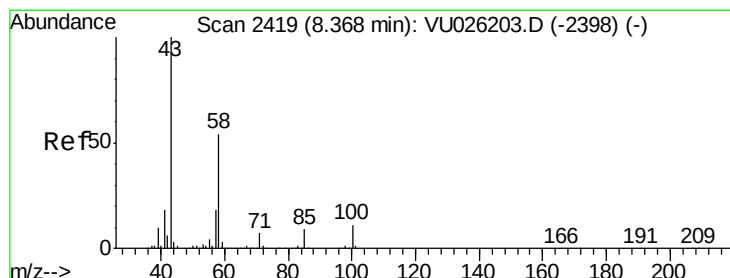
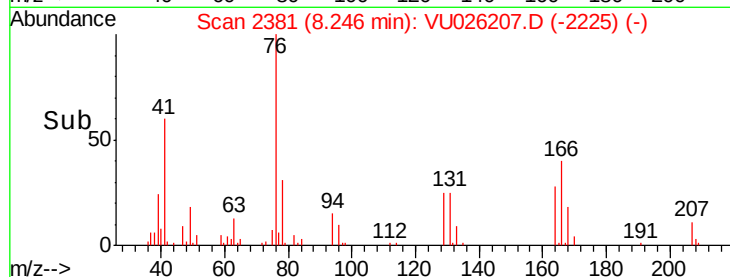
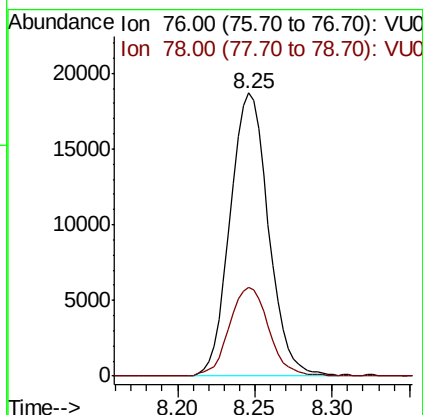
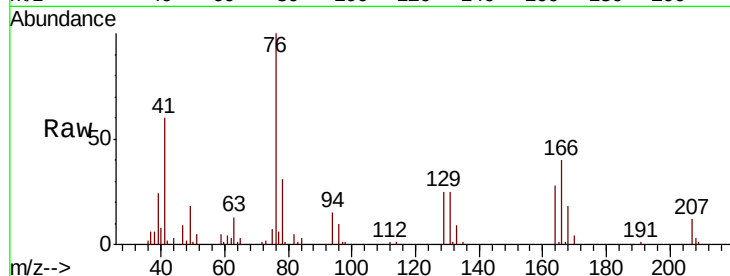




#53
 1,3-Dichloropropane
 Concen: 2.150 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

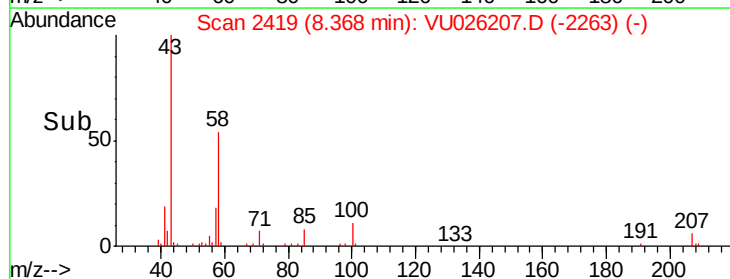
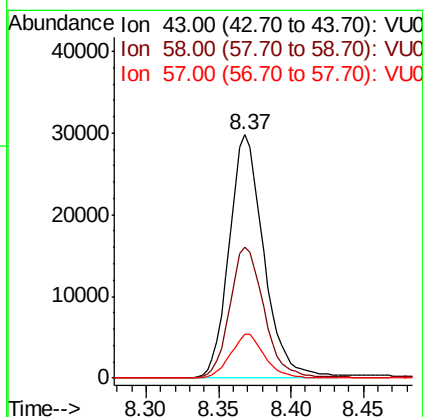
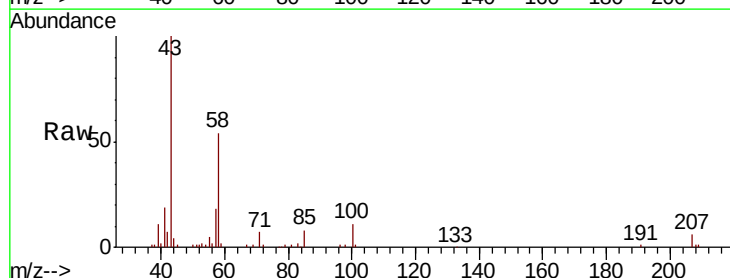
Instrument :
 MSVOA_U
 ClientSampleId :

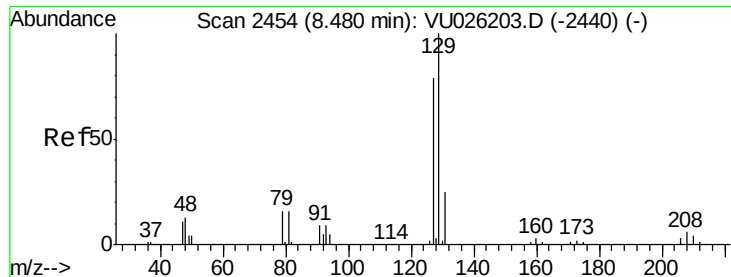
Tot Ion: 76 Resp: 32171
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#54
 2-Hexanone
 Concen: 10.338 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion: 43 Resp: 49535
 Ion Ratio Lower Upper
 43 100
 58 52.9 32.5 72.5
 57 17.6 0.0 37.9





#55

Dibromochloromethane

Concen: 2.196 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

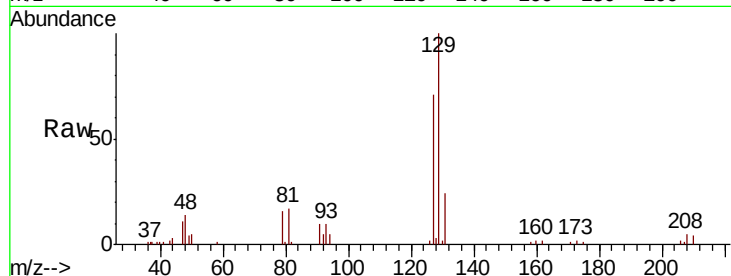
ClientSampleId :

Tot Ion:129 Resp: 26437

Ion Ratio Lower Upper

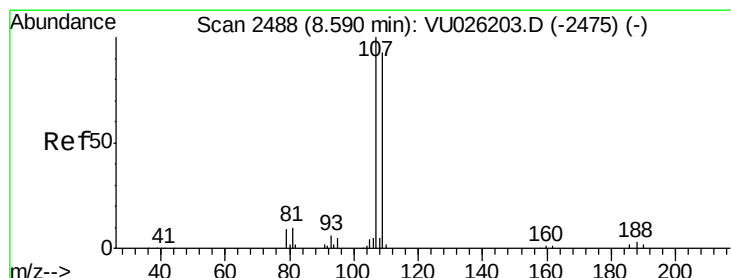
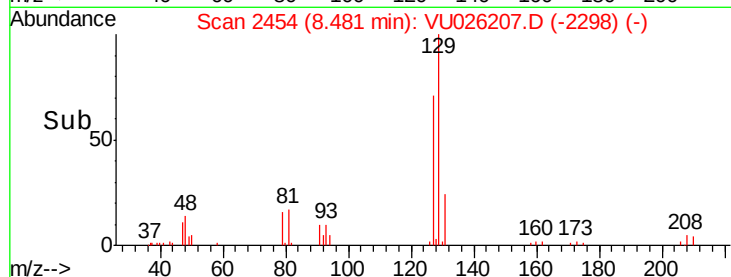
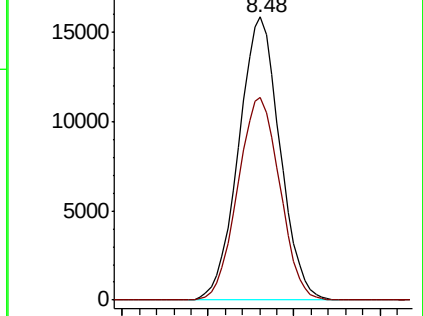
129 100

127 72.9 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: 2.112 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU026207.D

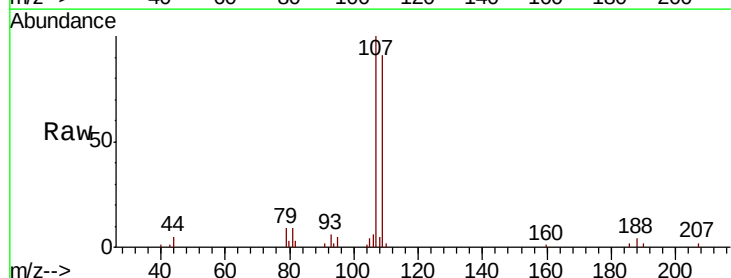
Acq: 20 Aug 2018 14:40

Tgt Ion:107 Resp: 18508

Ion Ratio Lower Upper

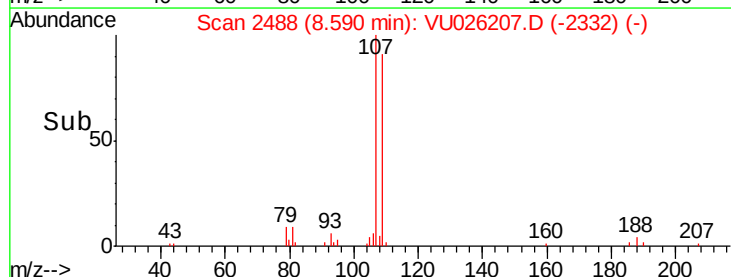
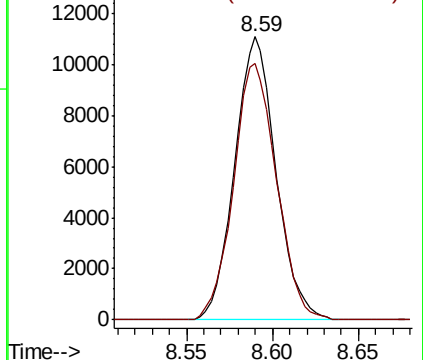
107 100

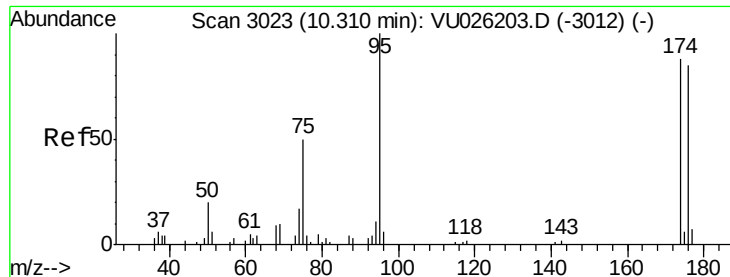
109 94.2 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

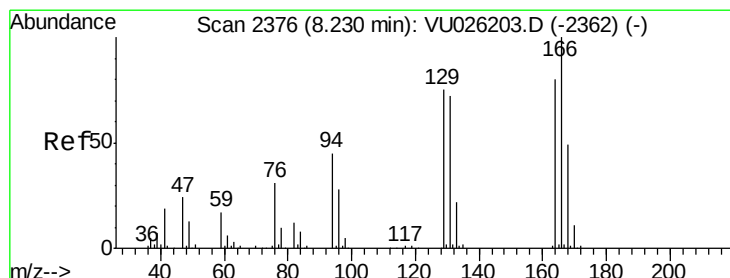
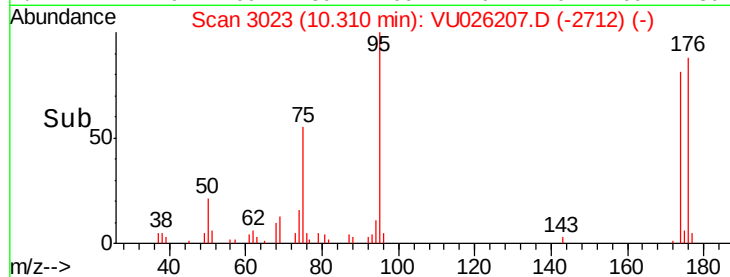
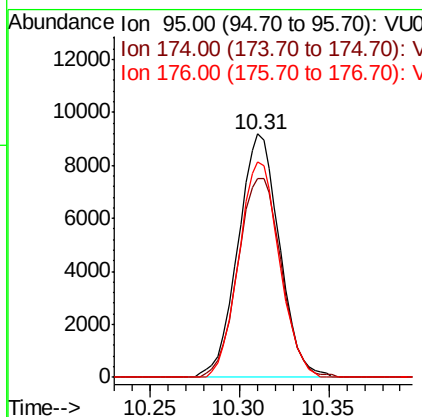
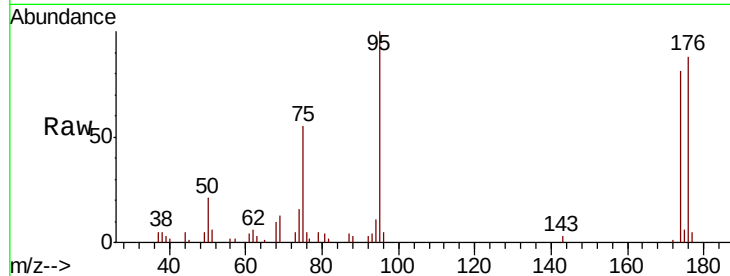




#57
4-Bromofluorobenzene
Concen: 2.112 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

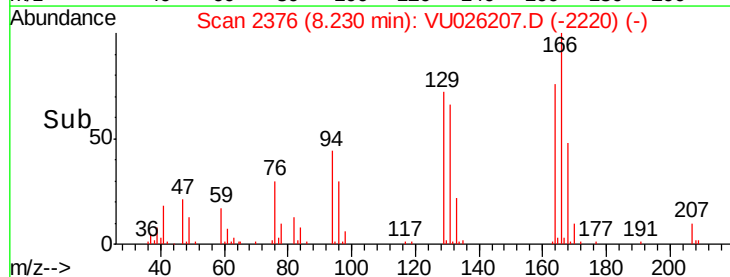
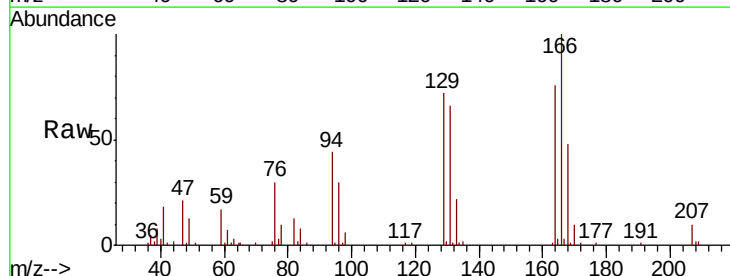
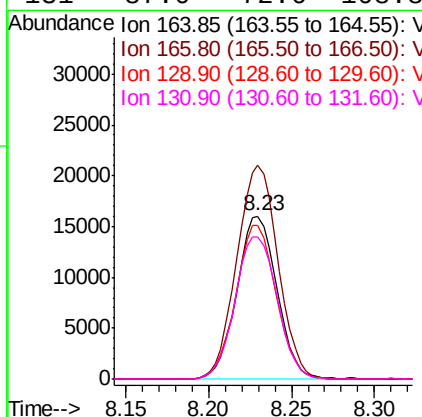
Instrument :
MSVOA_U
ClientSampleId :

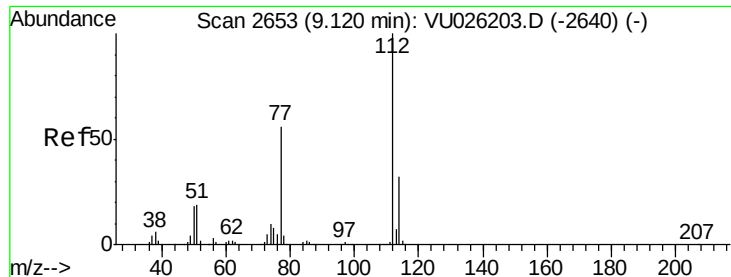
Tot Ion	95	Resp	14901
Ion Ratio	100		
Lower			
Upper			
95	100		
174	86.0	65.6	98.4
176	86.8	62.0	93.0



#58
Tetrachloroethene
Concen: 2.102 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion	164	Resp	26980
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
164	100		
166	130.9	104.1	156.1
129	94.5	76.8	115.2
131	87.0	72.6	108.8

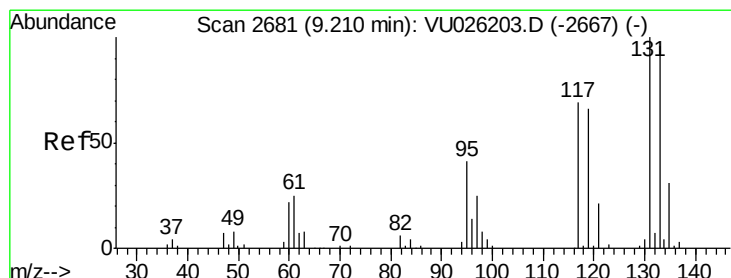
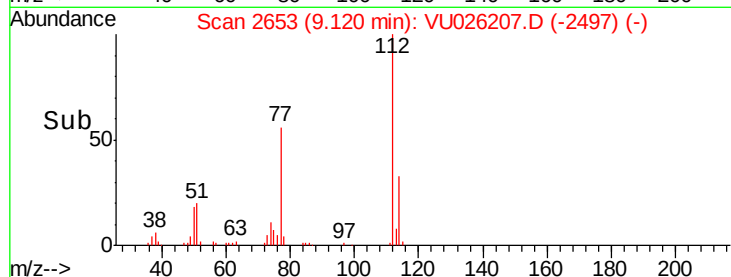
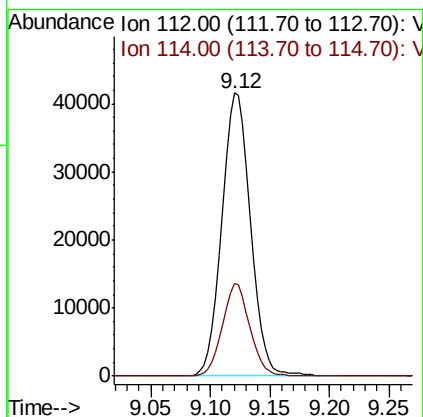
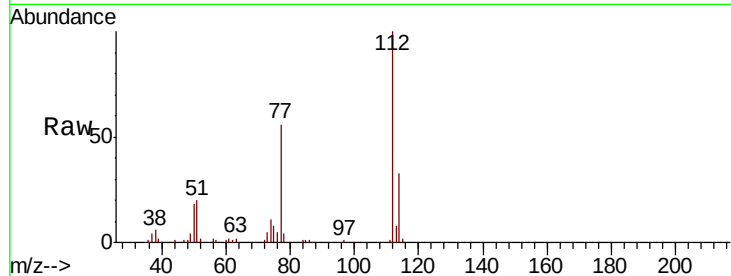




#59
Chlorobenzene
Concen: 2.182 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

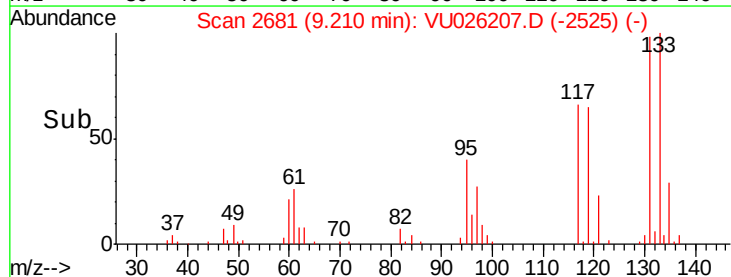
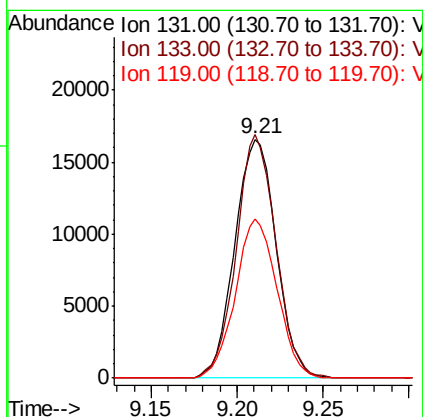
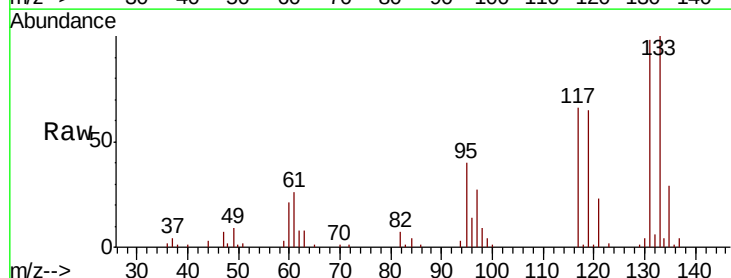
Instrument :
MSVOA_U
ClientSampleId :

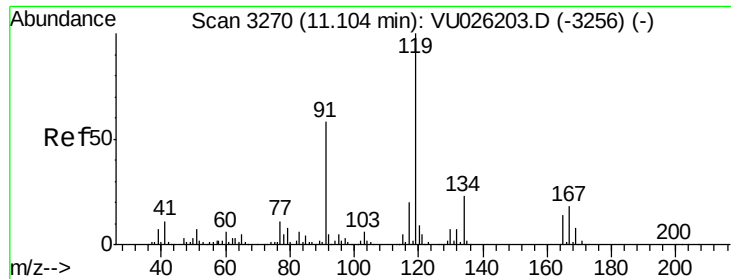
Tot Ion:112 Resp: 69628
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 2.177 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion:131 Resp: 27707
Ion Ratio Lower Upper
131 100
133 97.5 75.8 113.8
119 66.8 53.0 79.6





#61

Pentachloroethane

Concen: 2.080 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

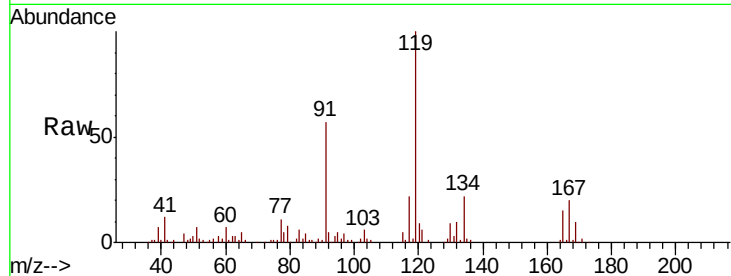
ClientSampled :

Tot Ion:117 Resp: 22580

Ion Ratio Lower Upper

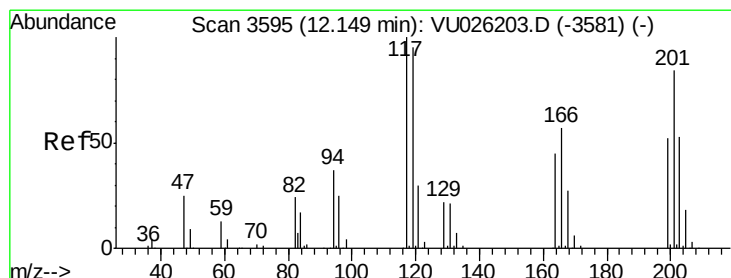
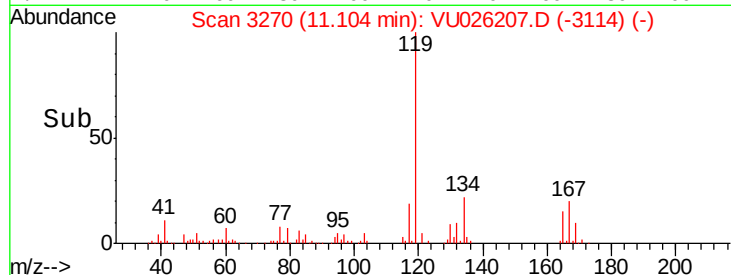
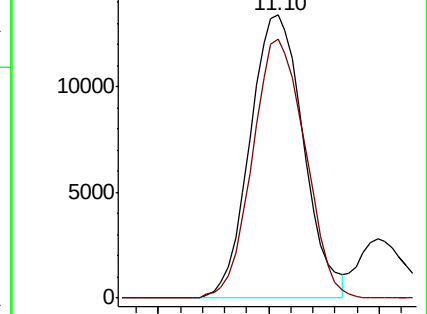
117 100

167 90.0 69.2 103.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 2.114 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU026207.D

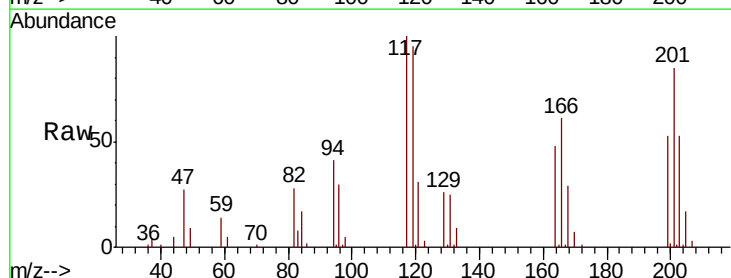
Acq: 20 Aug 2018 14:40

Tgt Ion:117 Resp: 22897

Ion Ratio Lower Upper

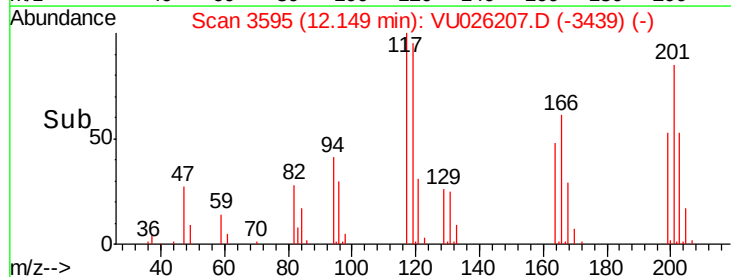
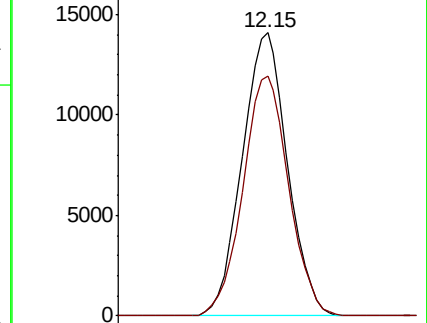
117 100

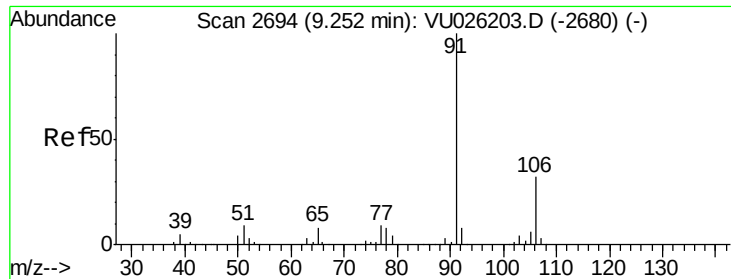
201 85.6 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

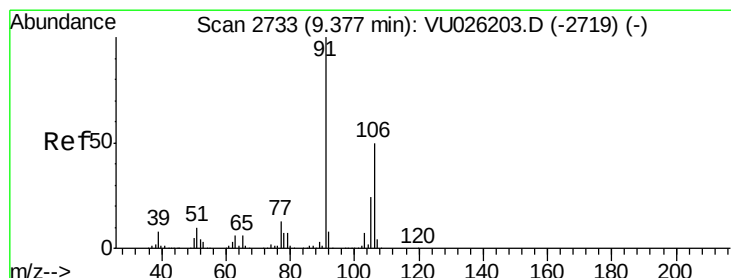
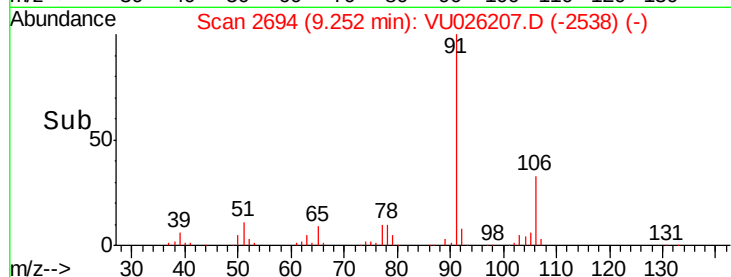
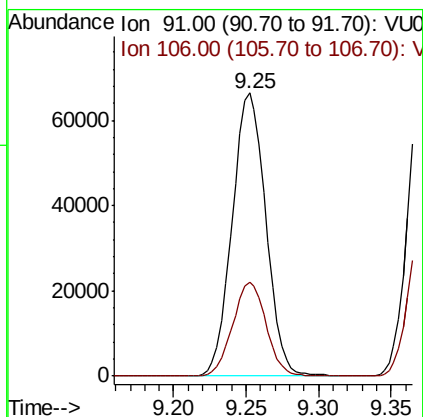
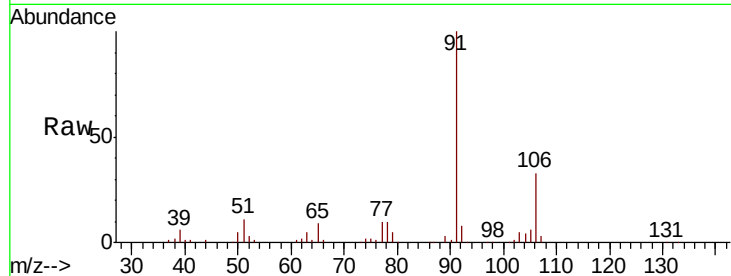




#63
Ethyl Benzene
Concen: 2.116 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

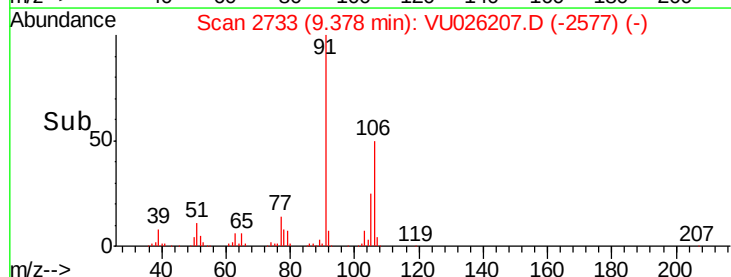
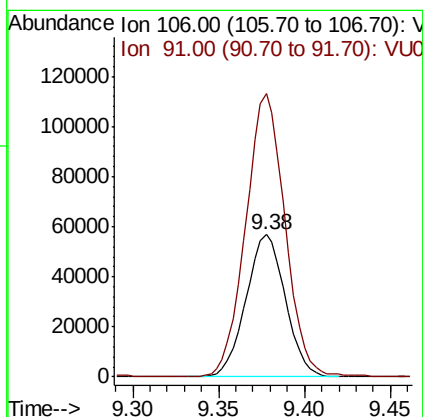
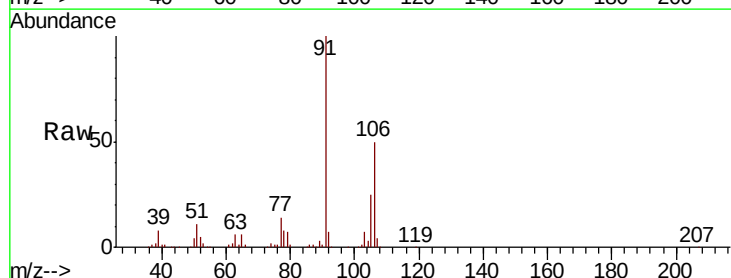
Instrument :
MSVOA_U
ClientSampleId :

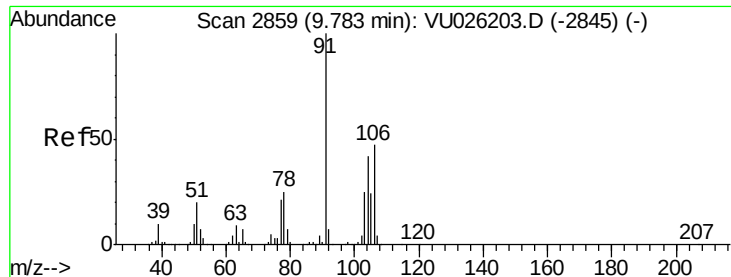
Tot Ion: 91 Resp: 107147
Ion Ratio Lower Upper
91 100
106 33.3 24.7 37.1



#64
m/p-Xylenes
Concen: 4.449 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion: 106 Resp: 89926
Ion Ratio Lower Upper
106 100
91 198.8 164.1 246.1

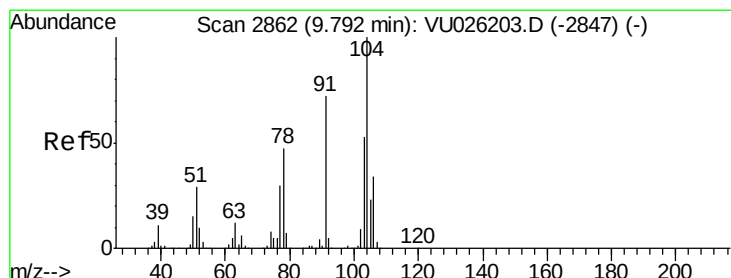
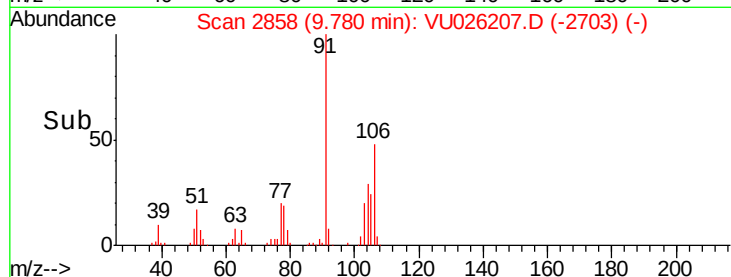
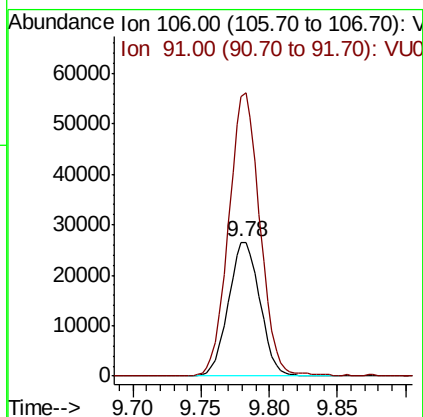
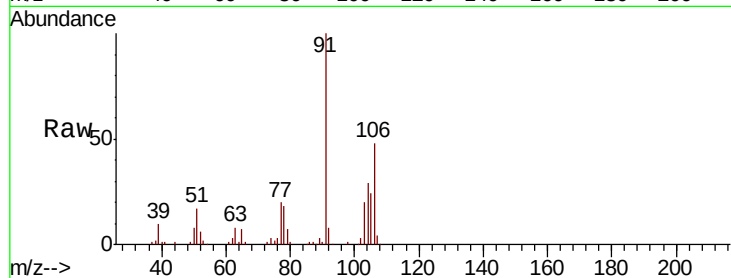




#65
o-Xylene
Concen: 2.219 ug/l
RT: 9.78 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

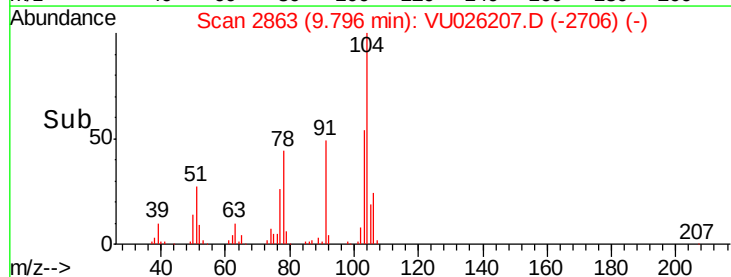
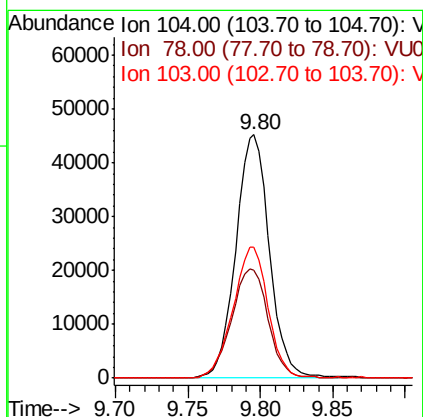
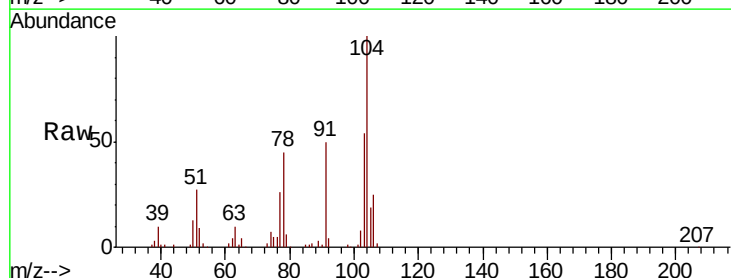
Instrument :
MSVOA_U
ClientSampled :

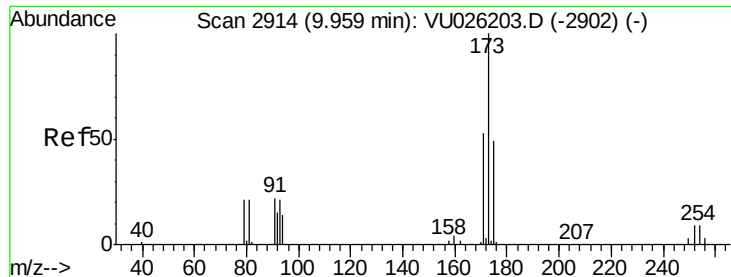
Tot Ion:106 Resp: 42765
Ion Ratio Lower Upper
106 100
91 209.4 107.9 323.7



#66
Styrene
Concen: 2.211 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU026207.D
Acq: 20 Aug 2018 14:40

Tgt Ion:104 Resp: 72942
Ion Ratio Lower Upper
104 100
78 48.9 40.2 60.2
103 56.0 44.2 66.4





#67

Bromoform

Concen: 2.137 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :
MSVOA_U
ClientSampled :

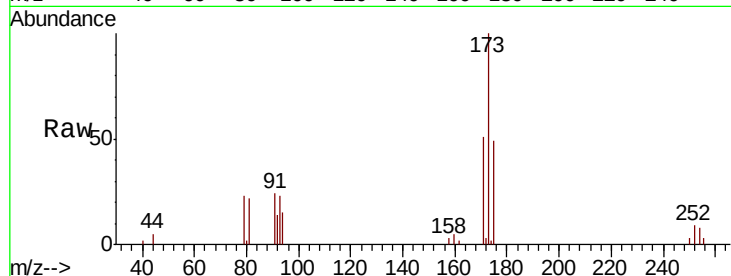
Tot Ion:173 Resp: 15155

Ion Ratio Lower Upper

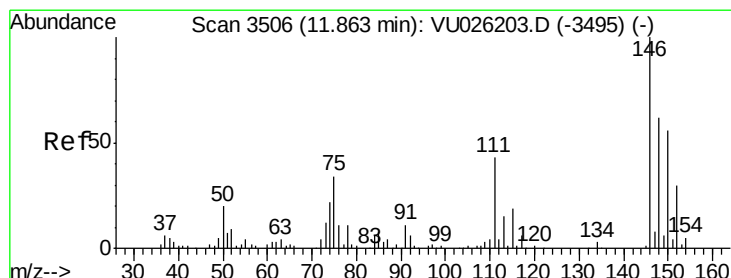
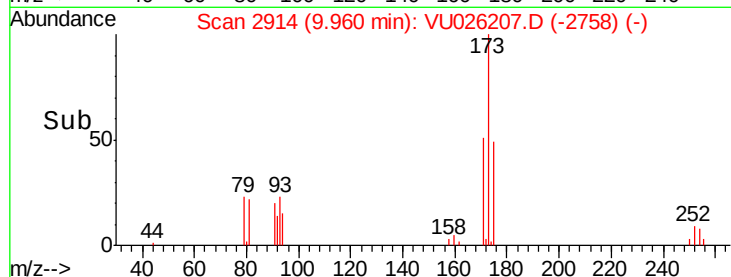
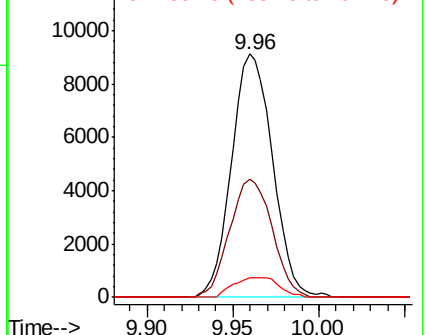
173 100

175 50.2 38.6 57.8

254 9.1 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: 2.137 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

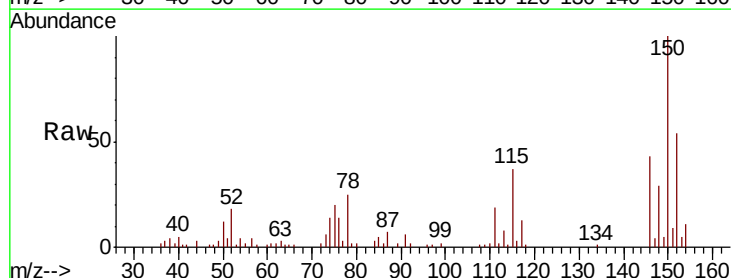
Tgt Ion:152 Resp: 16280

Ion Ratio Lower Upper

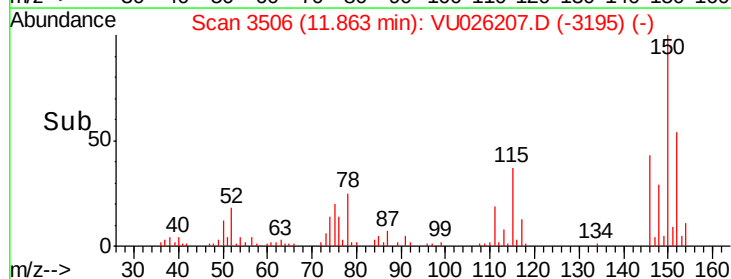
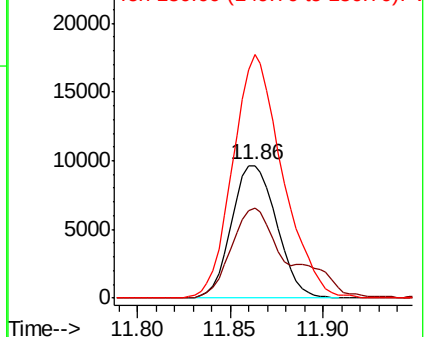
152 100

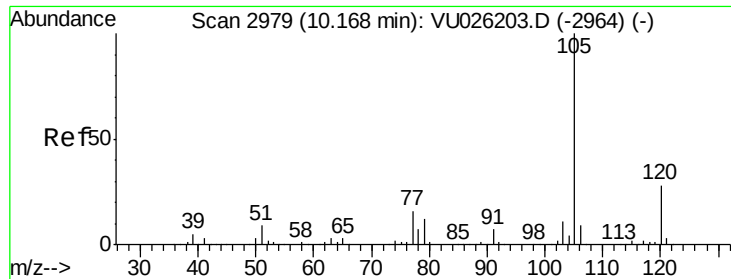
115 87.7 0.0 118.8

150 202.0 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: 2.140 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

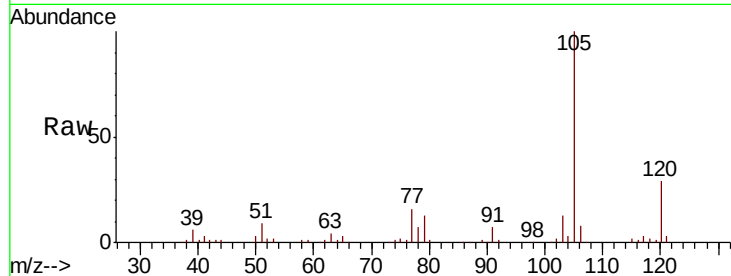
ClientSampleId :

Tot Ion:105 Resp: 109062

Ion Ratio Lower Upper

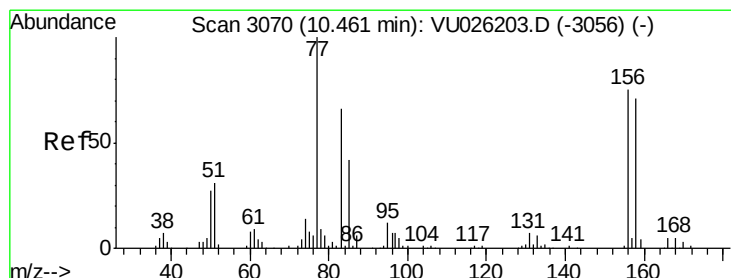
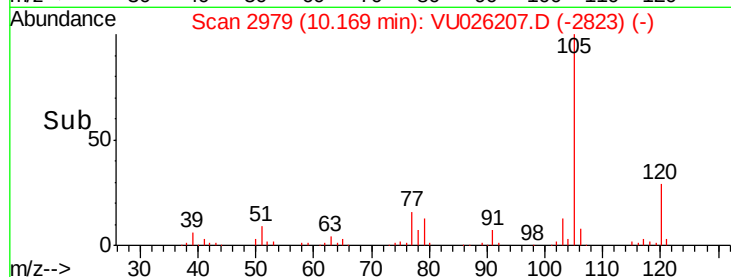
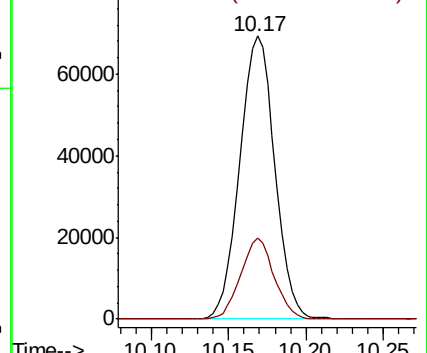
105 100

120 27.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 2.085 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

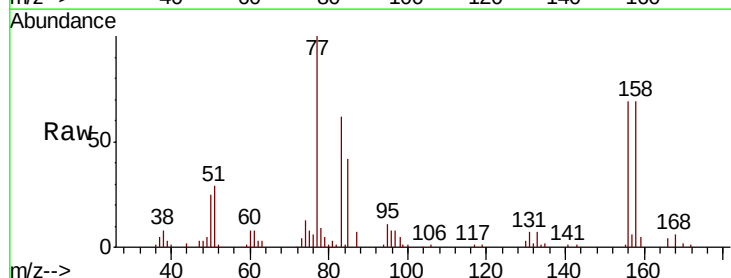
Tgt Ion: 83 Resp: 23556

Ion Ratio Lower Upper

83 100

131 10.5 7.9 11.9

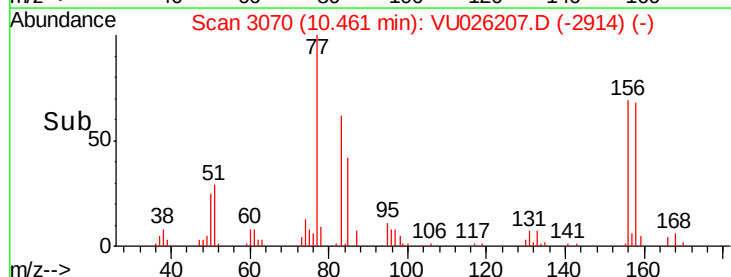
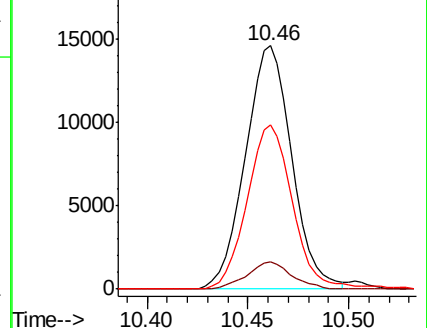
85 66.4 51.8 77.6

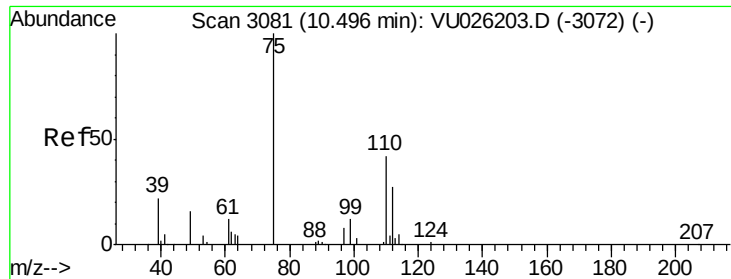


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

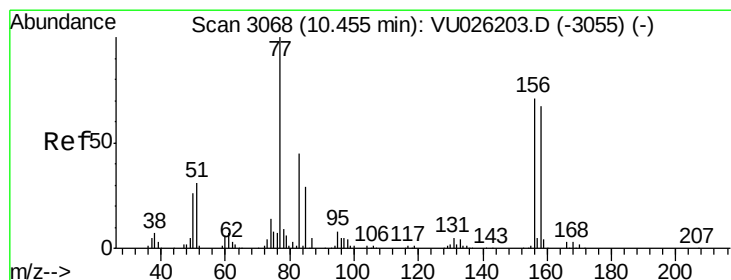
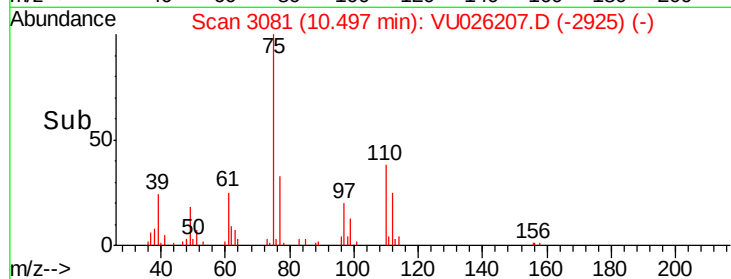
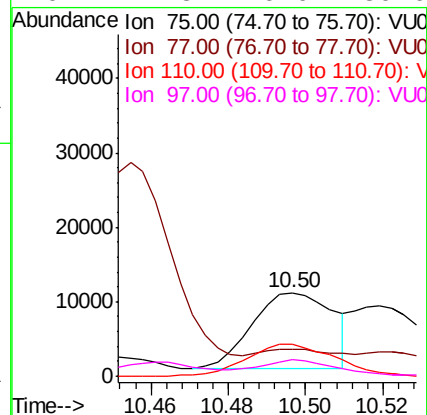
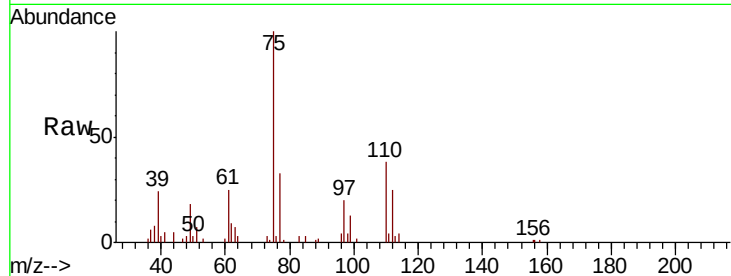




#71
 1,2,3-Trichloropropane
 Concen: 1.829 ug/l
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

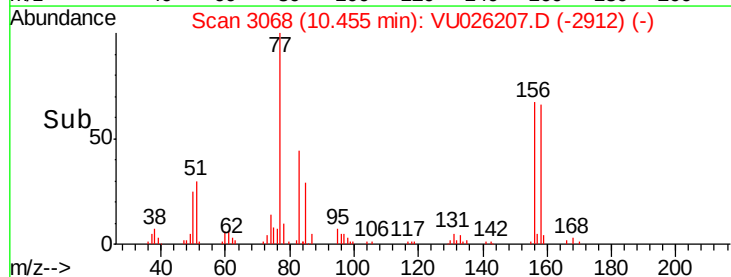
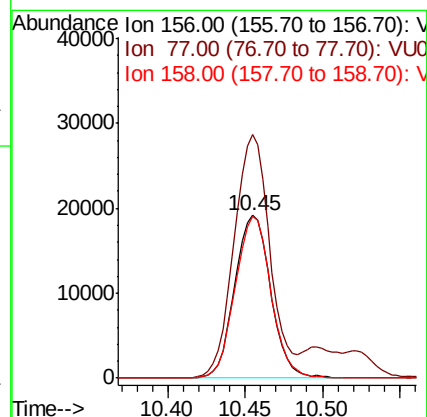
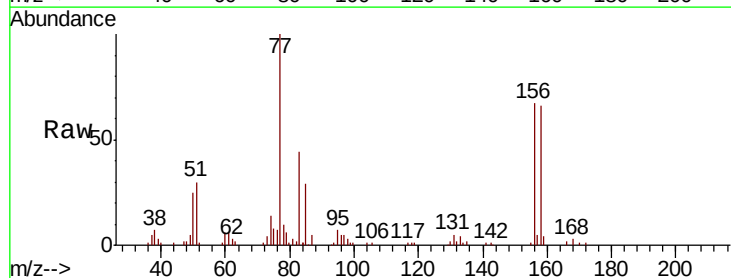
Instrument :
 MSVOA_U
 ClientSampleId :

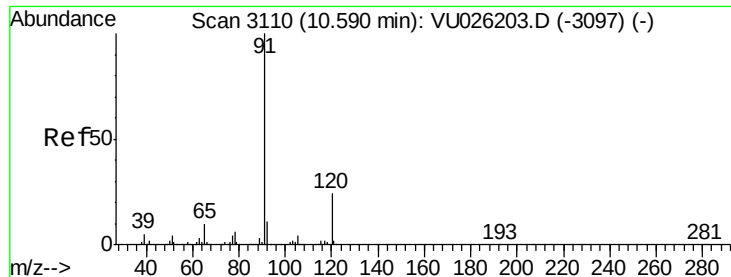
Tot Ion	75	Resp:	14790
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	46.4	0.0	74.0
97	21.3	0.0	39.6



#72
 Bromobenzene
 Concen: 2.168 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion	156	Resp:	30914
Ion	Ratio	Lower	Upper
156	100		
77	149.6	0.0	309.8
158	98.5	0.0	193.0





#73

n-propylbenzene

Concen: 2.132 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

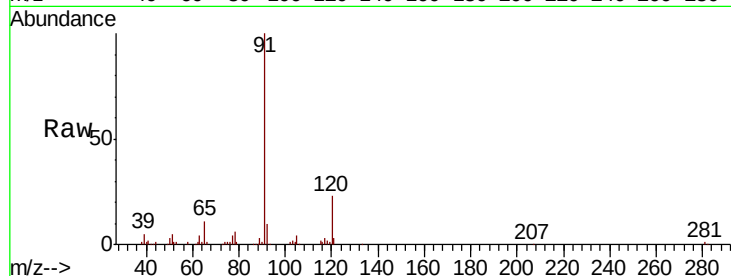
ClientSampleId :

Tot Ion:120 Resp: 31760

Ion Ratio Lower Upper

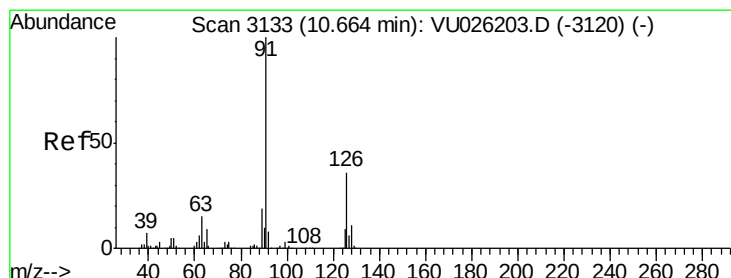
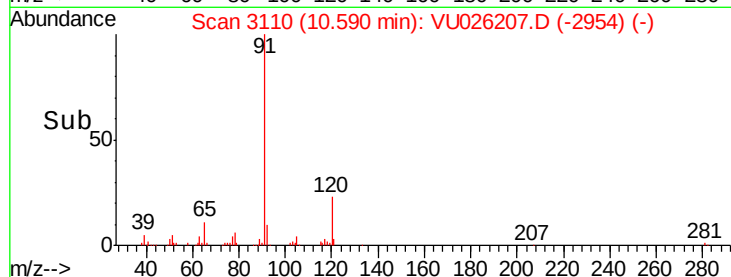
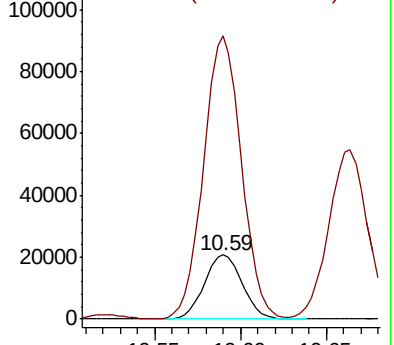
120 100

91 437.5 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.231 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU026207.D

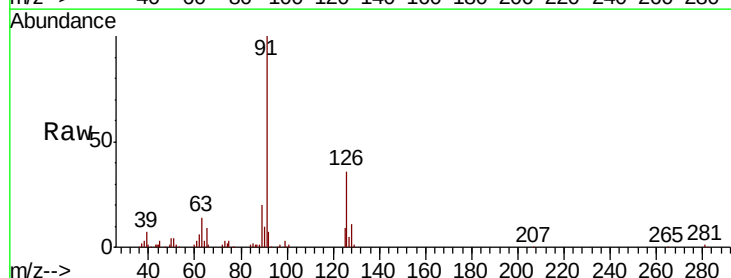
Acq: 20 Aug 2018 14:40

Tgt Ion:126 Resp: 29991

Ion Ratio Lower Upper

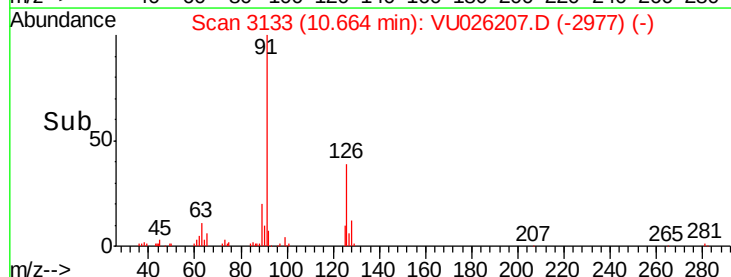
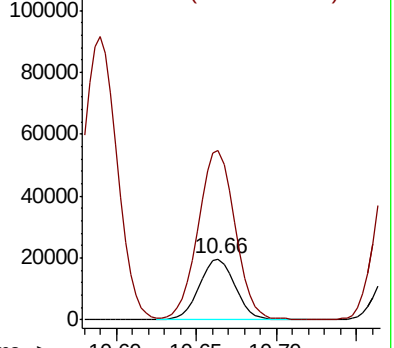
126 100

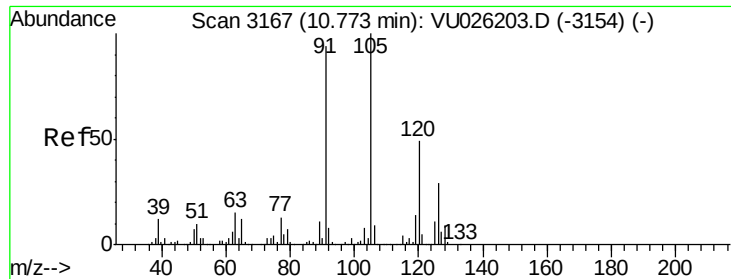
91 285.0 0.0 613.0



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: 2.213 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

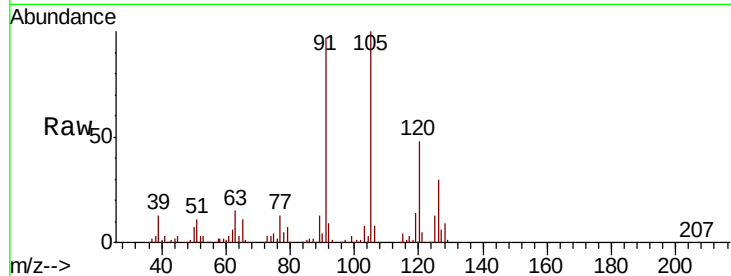
ClientSampleId :

Tot Ion:105 Resp: 100201

Ion Ratio Lower Upper

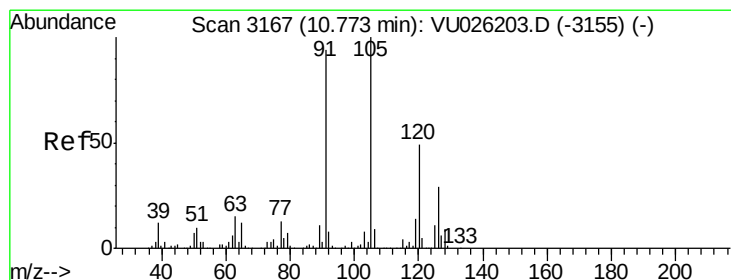
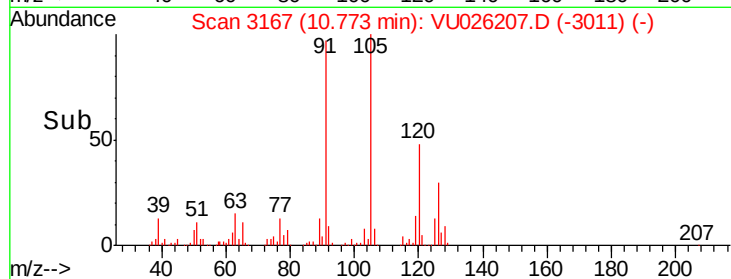
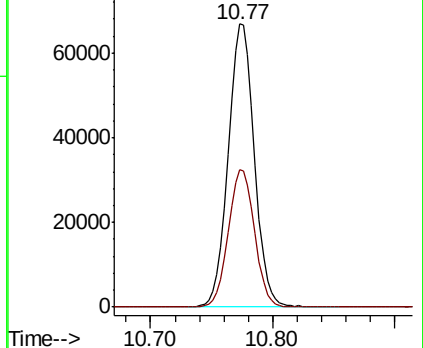
105 100

120 48.7 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 2.289 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU026207.D

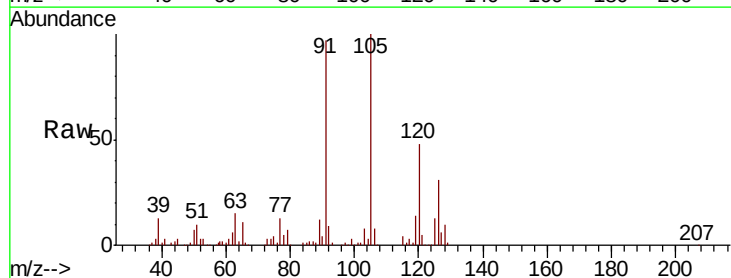
Acq: 20 Aug 2018 14:40

Tgt Ion:126 Resp: 31629

Ion Ratio Lower Upper

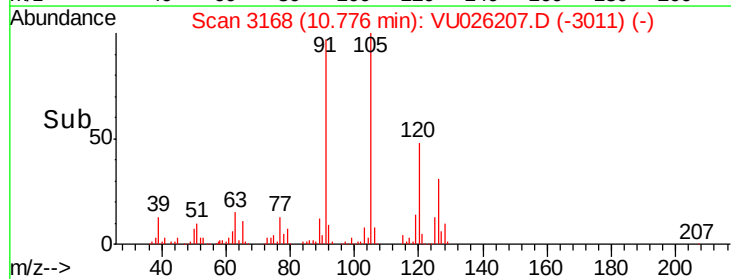
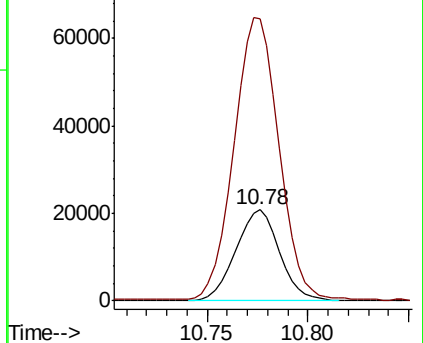
126 100

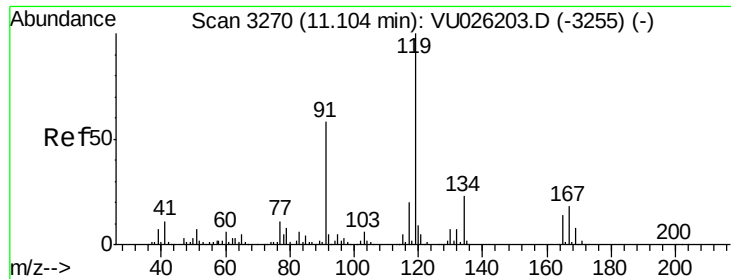
91 318.7 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

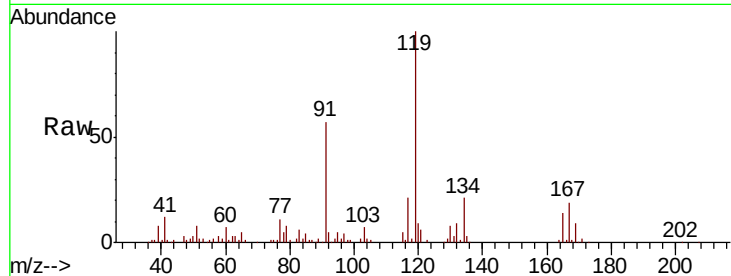




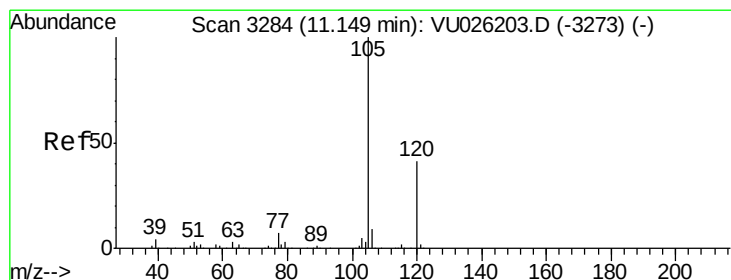
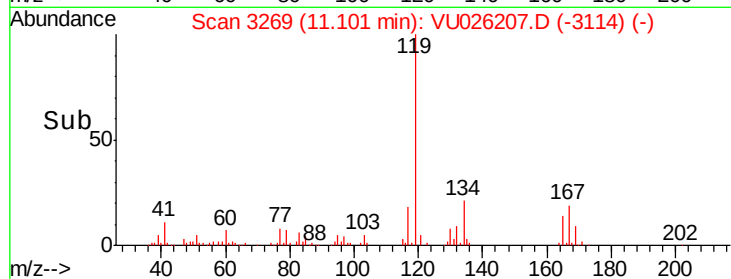
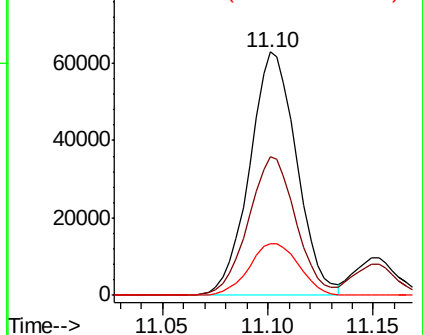
#77
 tert-Butylbenzene
 Concen: 2.162 ug/l
 RT: 11.10 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	29.6	88.8
134	22.7	19.1	28.7

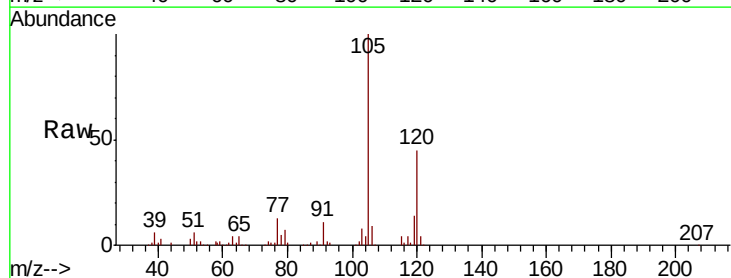


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

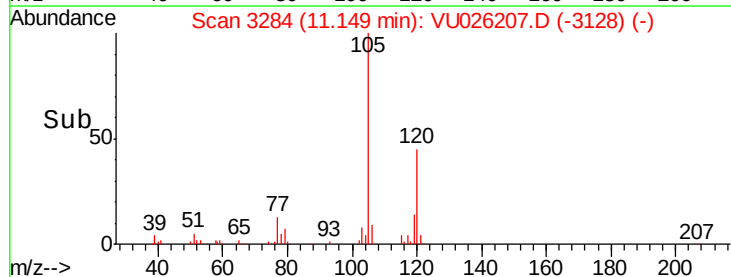
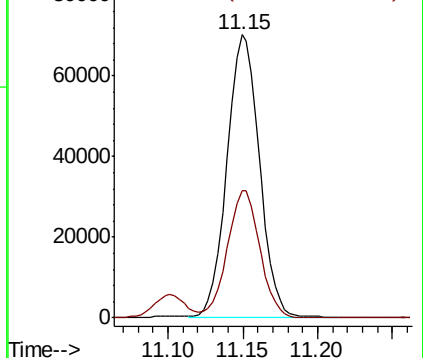


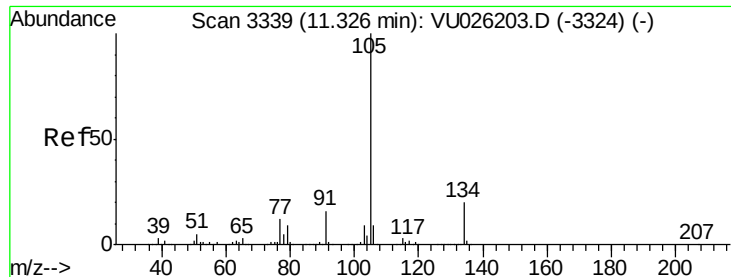
#78
 1,2,4-Trimethylbenzene
 Concen: 2.274 ug/l
 RT: 11.15 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.1	69.3



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





#79

sec-Butylbenzene

Concen: 2.235 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

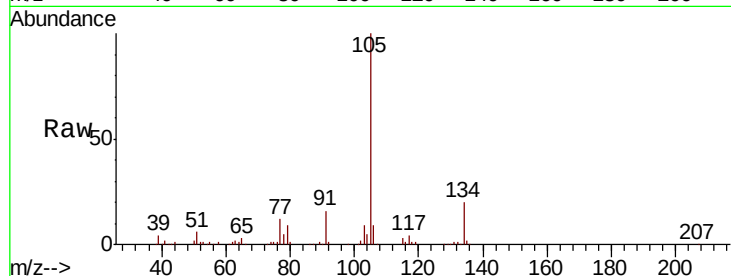
ClientSampleId :

Tot Ion:105 Resp: 132076

Ion Ratio Lower Upper

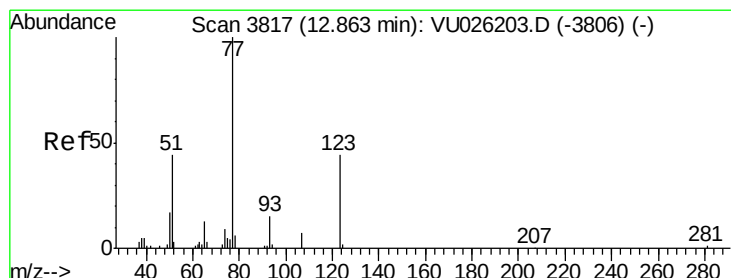
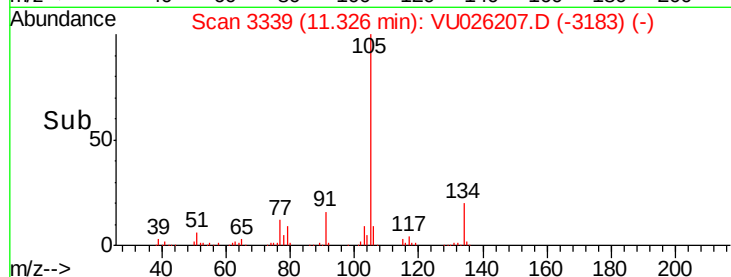
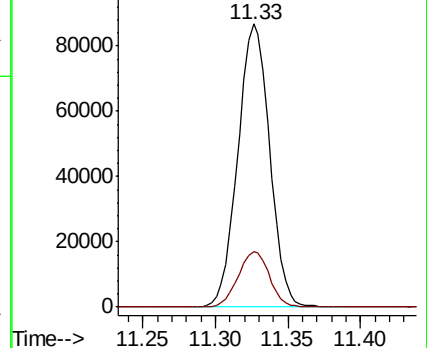
105 100

134 19.2 15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 10.801 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

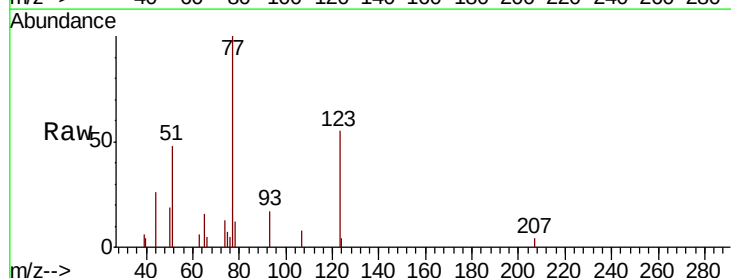
Tgt Ion: 77 Resp: 5331

Ion Ratio Lower Upper

77 100

123 42.4 19.4 68.6

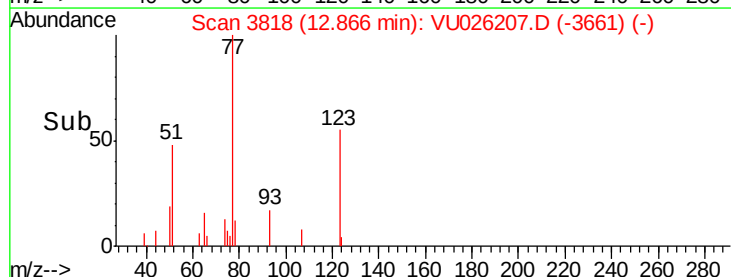
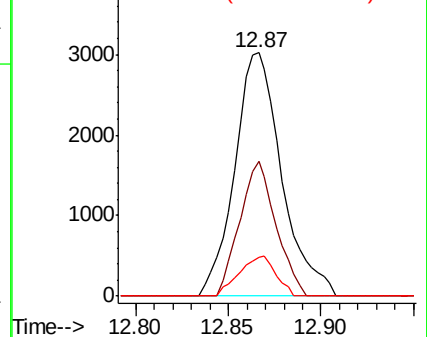
65 12.7 11.2 14.2

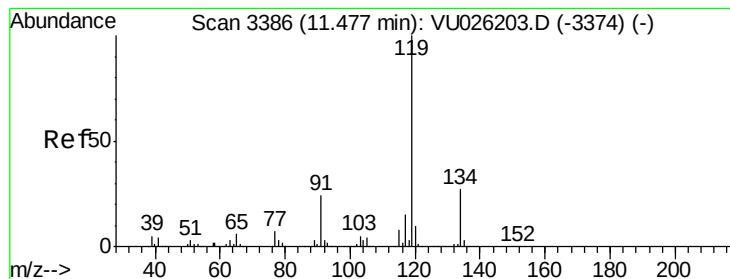


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 2.194 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU026207.D

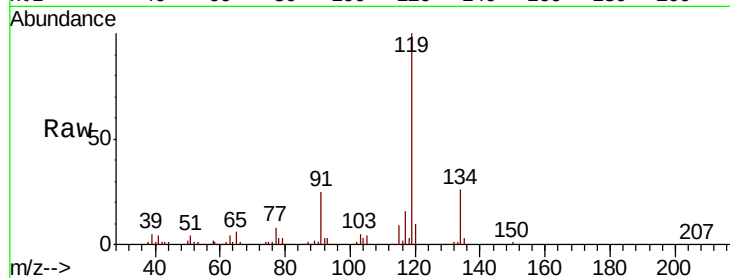
Acq: 20 Aug 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	119	Resp:	109658
Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.9	31.3
91	24.3	18.2	27.2

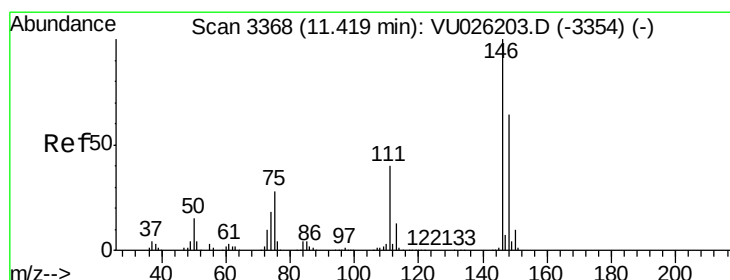
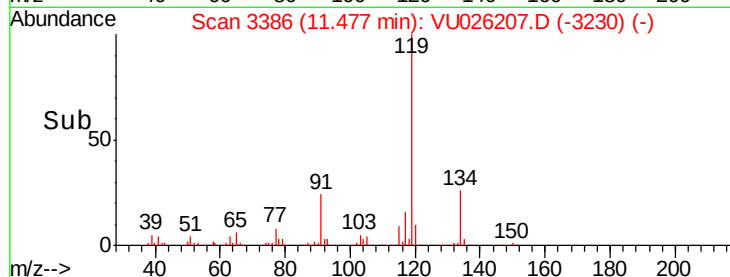
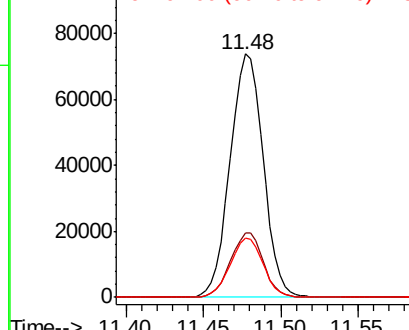


Abundance

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): V



#82

1,3-Dichlorobenzene

Concen: 2.181 ug/l

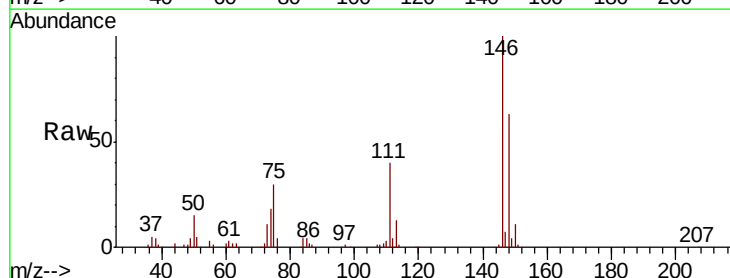
RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Tgt Ion:	146	Resp:	65504
Ion	Ratio	Lower	Upper
146	100		
111	39.9	31.8	47.6
148	63.5	51.0	76.4

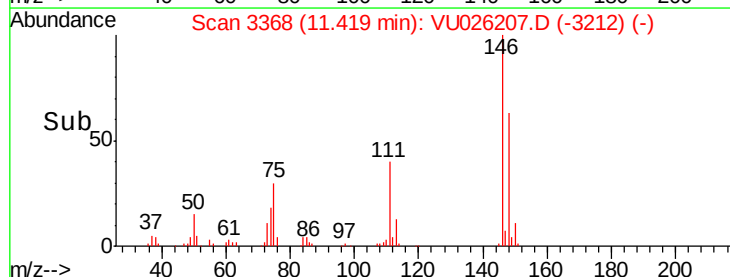
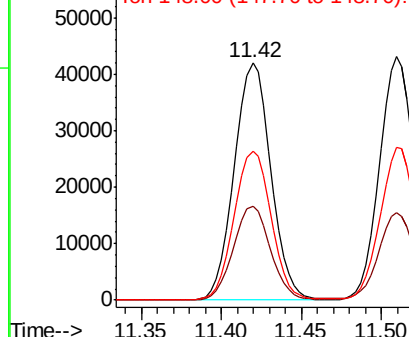


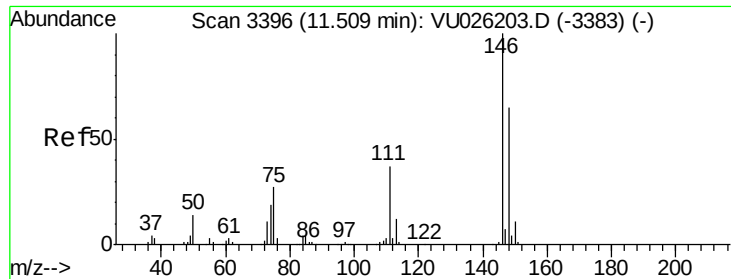
Abundance

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

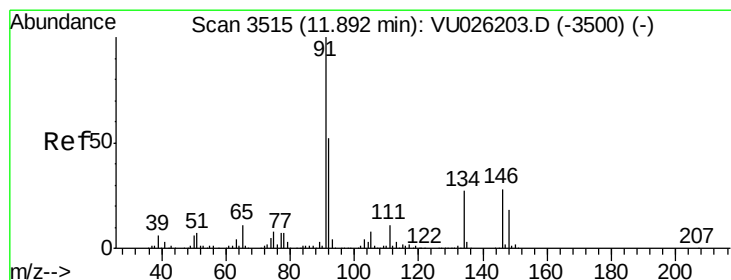
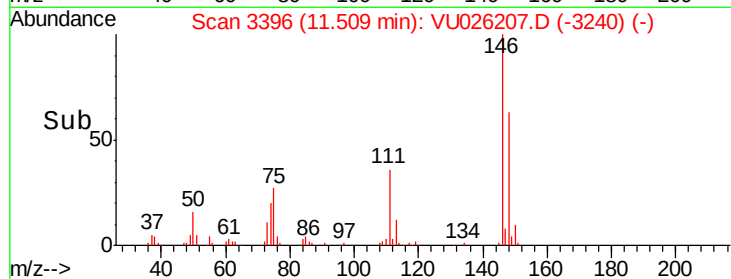
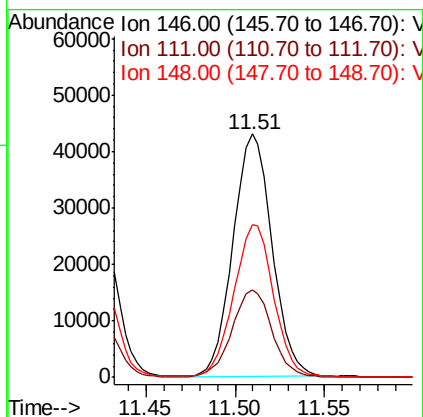
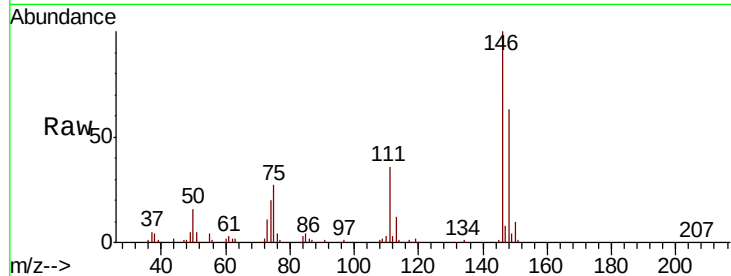




#83
 1,4-Dichlorobenzene
 Concen: 2.188 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

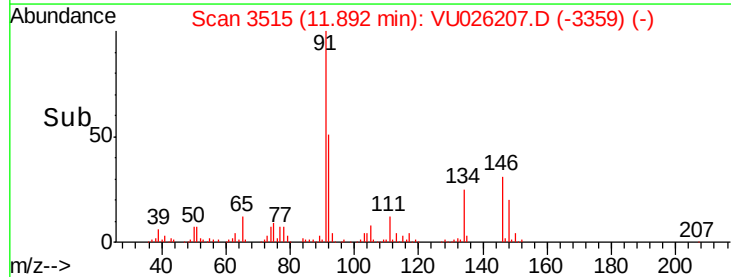
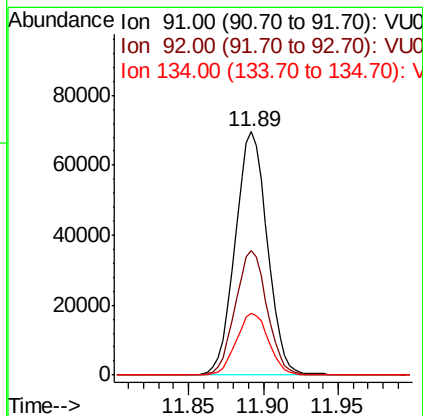
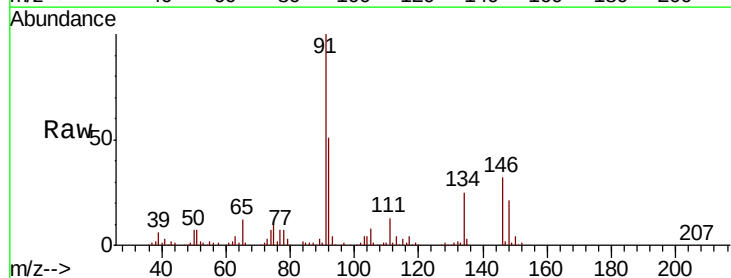
Instrument :
 MSVOA_U
 ClientSampled :

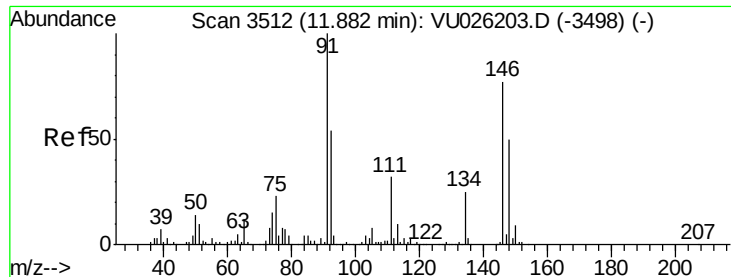
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	30.1	45.1
148	64.9	50.6	76.0



#84
 n-Butylbenzene
 Concen: 2.153 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.6	42.2	63.2
134	25.5	20.3	30.5

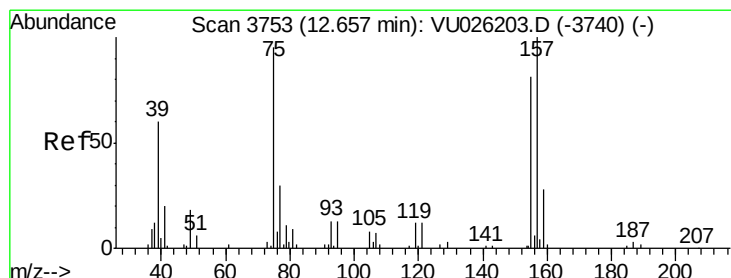
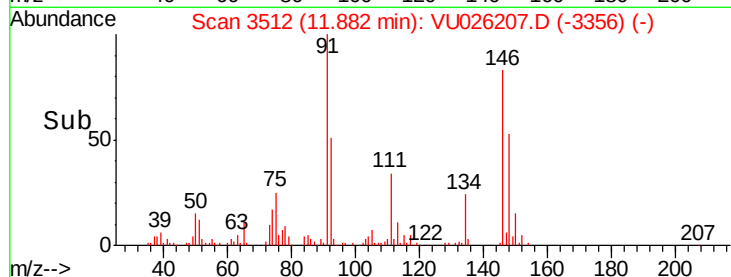
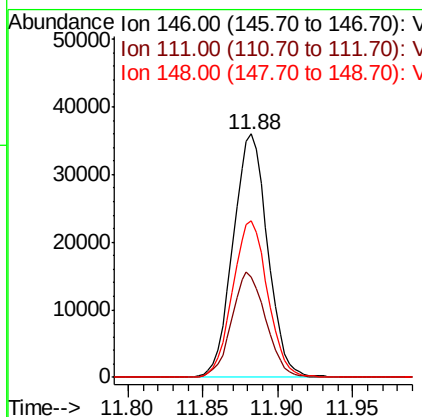
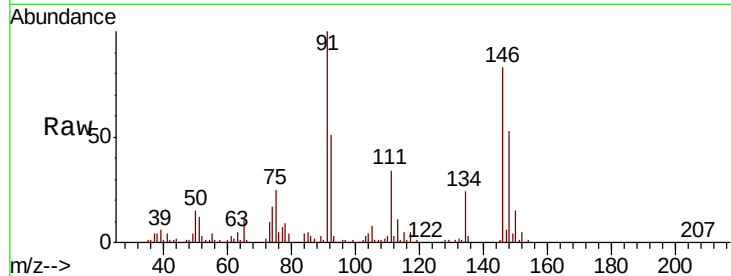




#85
 1,2-Dichlorobenzene
 Concen: 2.099 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

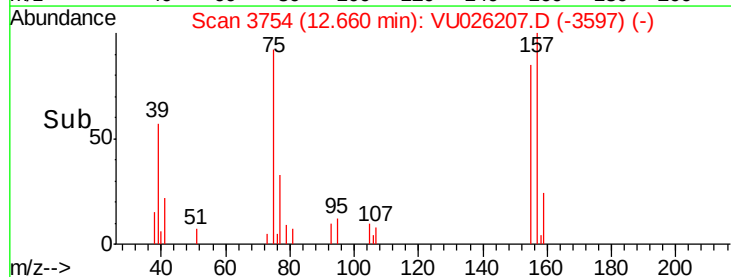
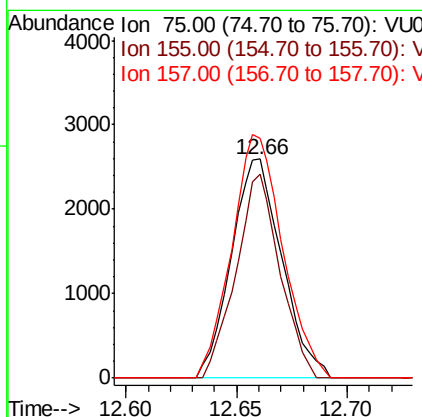
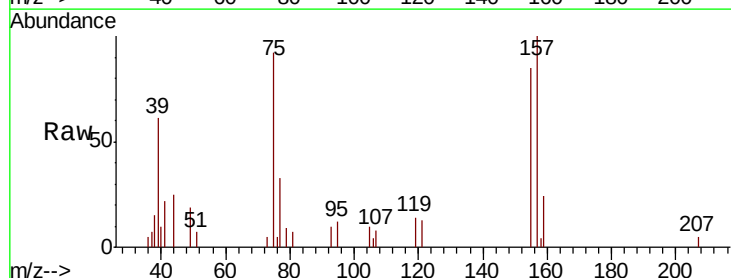
Instrument :
 MSVOA_U
 ClientSampleId :

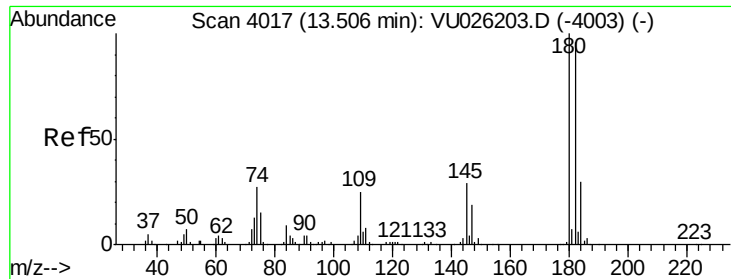
Tot Ion:146 Resp: 57894
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.7 62.1
 148 65.1 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.071 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion: 75 Resp: 4117
 Ion Ratio Lower Upper
 75 100
 155 80.8 65.8 98.6
 157 112.0 83.5 125.3

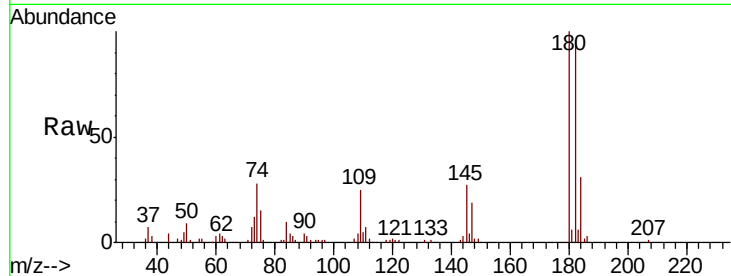




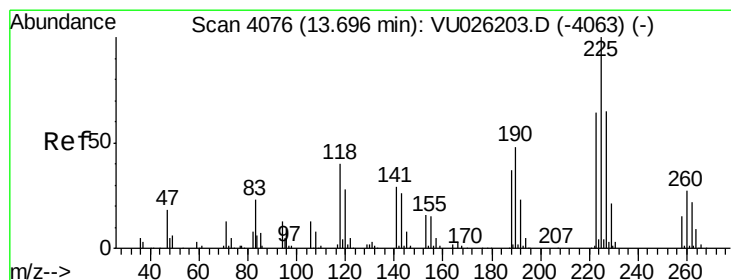
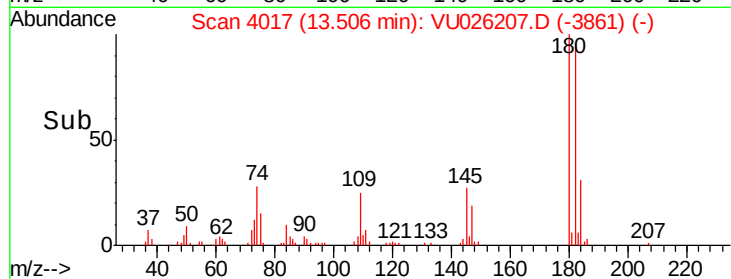
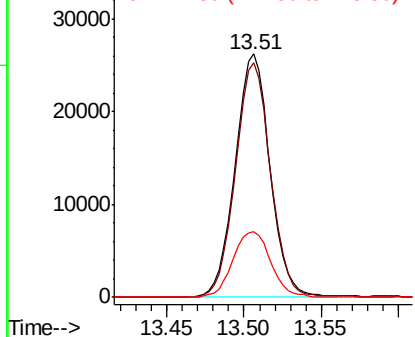
#87
 1,2,4-Trichlorobenzene
 Concen: 2.120 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 41123
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.1 115.7
 145 29.1 23.3 34.9

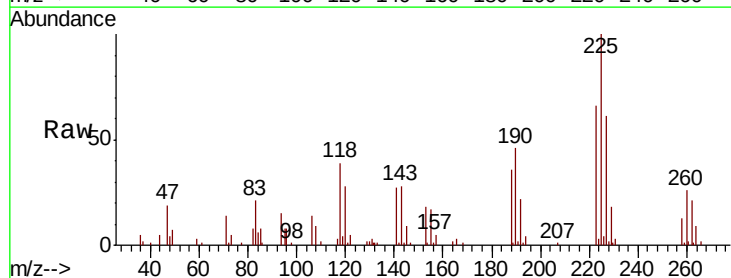


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

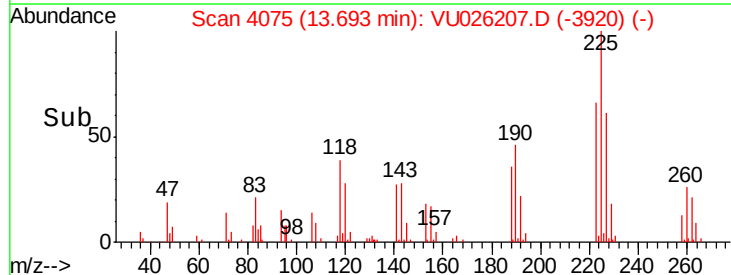
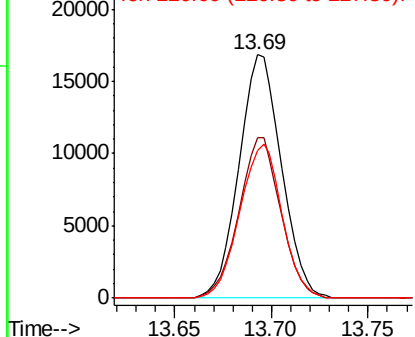


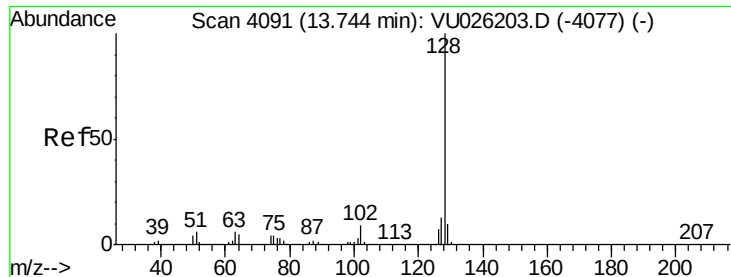
#88
 Hexachlorobutadiene
 Concen: 2.165 ug/l
 RT: 13.69 min Scan# 4075
 Delta R.T. -0.00 min
 Lab File: VU026207.D
 Acq: 20 Aug 2018 14:40

Tgt Ion:225 Resp: 25693
 Ion Ratio Lower Upper
 225 100
 223 64.9 50.6 75.8
 227 63.0 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: 1.960 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

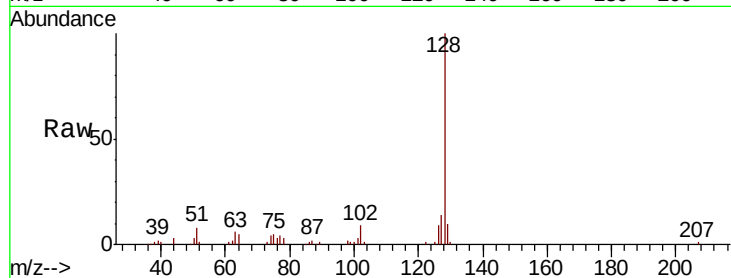
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:128 Resp: 59877

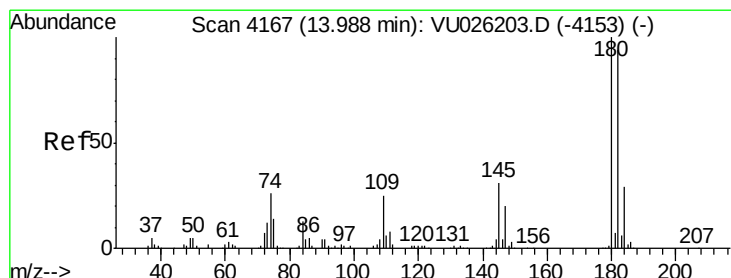
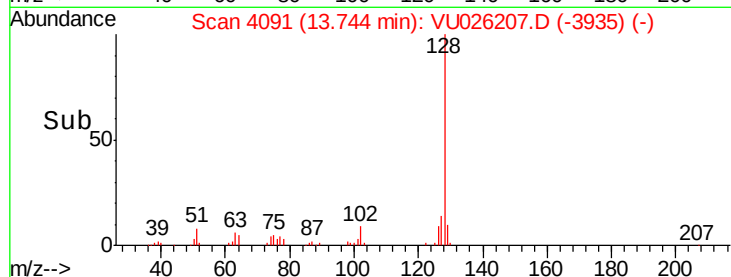
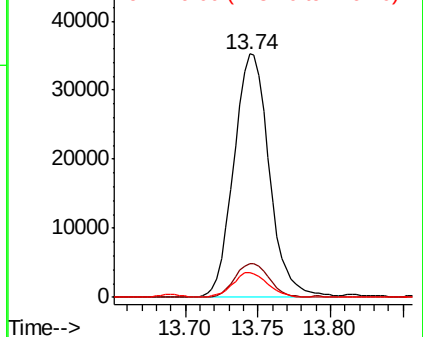
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	9.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 2.105 ug/l

RT: 13.99 min Scan# 4167

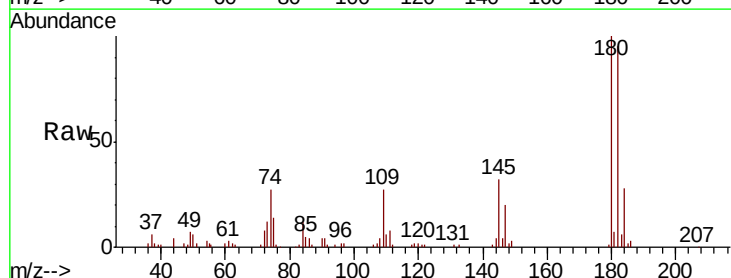
Delta R.T. 0.00 min

Lab File: VU026207.D

Acq: 20 Aug 2018 14:40

Tgt Ion:180 Resp: 38457

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	31.6	24.6	36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

