Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073020\
Data File : VX017678.D
Acq On : 30 Jul 2020 12:54
Operator : JC/SP
Sample : L3514-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 31 05:32:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	468747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	702267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	825956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	414353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	297511	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.82%			
35) Dibromofluoromethane	5.46	113	263710	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.30%			
50) Toluene-d8	8.70	98	867216	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.36%			
62) 4-Bromofluorobenzene	11.12	95	413558	60.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	871	Below Cal		74
3) Chloromethane	1.31	50	1872	0.688	ug/l #	59
5) Bromomethane	1.61	94	275	Below Cal	#	14
6) Chloroethane	1.70	64	227	Below Cal	#	69
8) Diethyl Ether	2.26	74	133	Below Cal		91
10) Methyl Iodide	2.50	142	2095	0.322	ug/l #	66
11) Tert butyl alcohol	3.00	59	288	0.227	ug/l #	1
13) Acrolein	2.28	56	1128	5.293	ug/l #	66
15) Acrylonitrile	3.14	53	2042	0.745	ug/l #	17
16) Acetone	2.42	43	6597	2.489	ug/l	91
17) Carbon Disulfide	2.55	76	5187	0.352	ug/l #	75
18) Methyl Acetate	2.75	43	2654	0.425	ug/l #	86
20) Methylene Chloride	2.85	84	2512	Below Cal	#	58
21) trans-1,2-Dichloroethene	3.15	96	1311	0.253	ug/l #	67
38) Carbon Tetrachloride	5.64	117	46236	5.653	ug/l #	17
49) 1,4-Dioxane	7.73	88	459	3.972	ug/l #	58
76) 1,2,3-Trichloropropane	11.12	75	208056	24.410	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	208056	61.508	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.98	75	511	2.770	ug/l #	36
93) 1,2,4-Trichlorobenzene	13.63	180	3115	0.340	ug/l	94
94) Hexachlorobutadiene	13.77	225	1809	0.429	ug/l	90
95) Naphthalene	13.82	128	6214	0.227	ug/l	96
96) 1,2,3-Trichlorobenzene	14.00	180	2667	0.295	ug/l	91

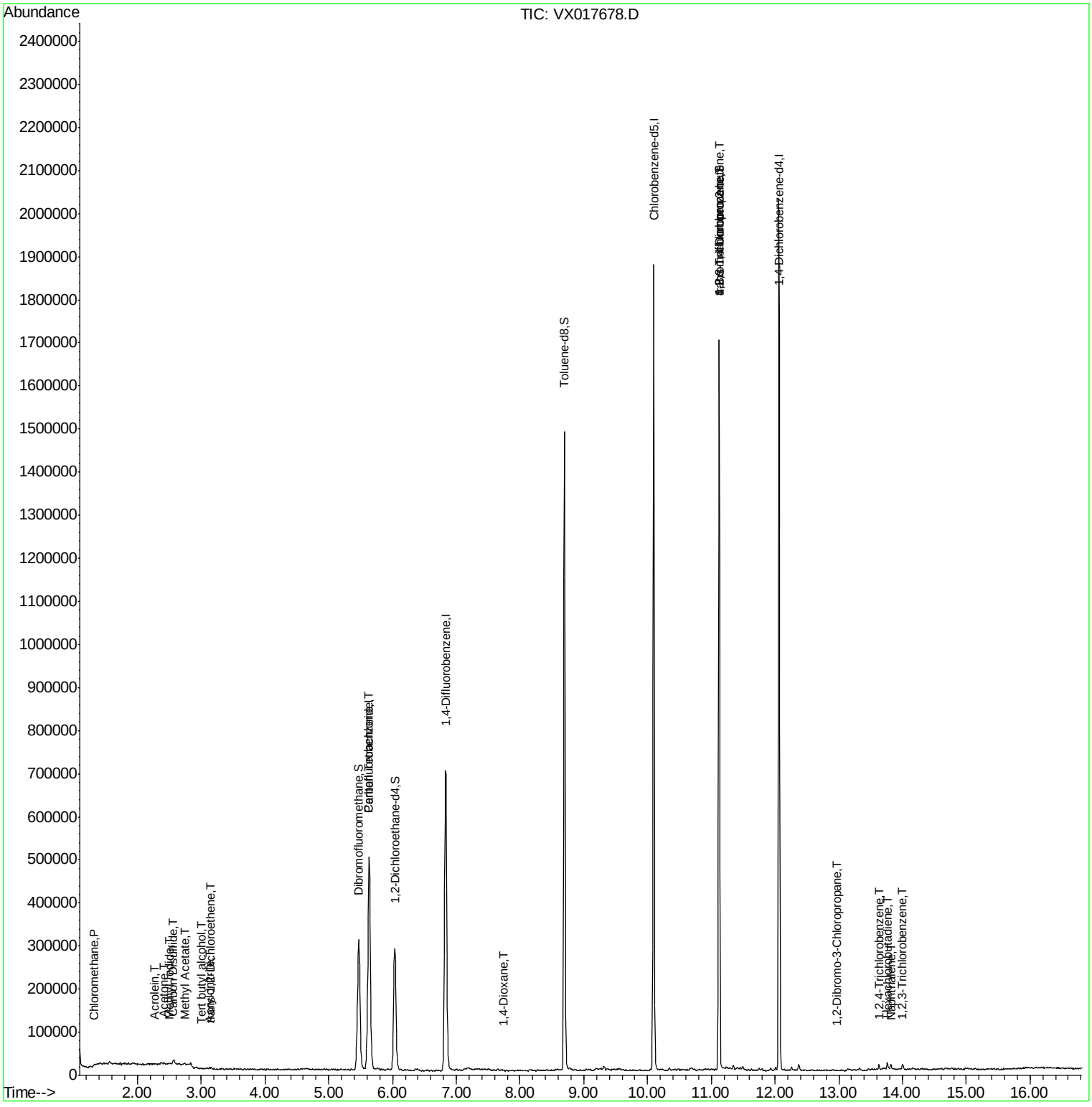
(#) = qualifier out of range (m) = manual integration (+) = signals summed

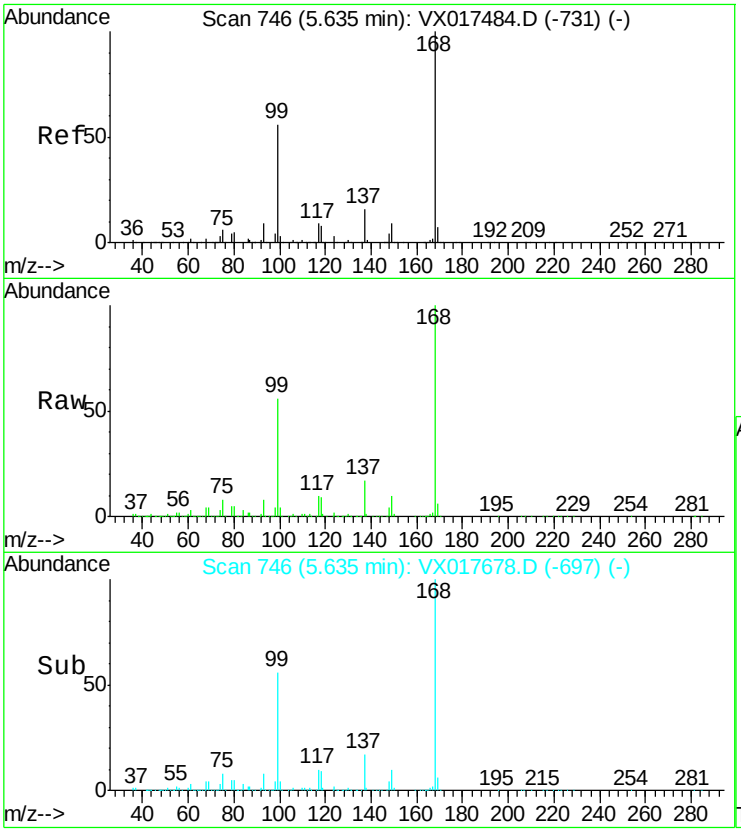
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
Data File : VX017678.D
Acq On : 30 Jul 2020 12:54
Operator : JC/SP
Sample : L3514-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 31 05:32:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration



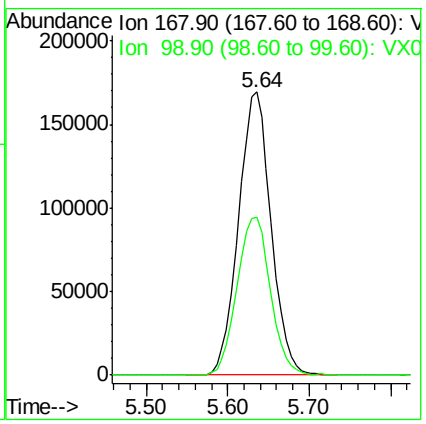


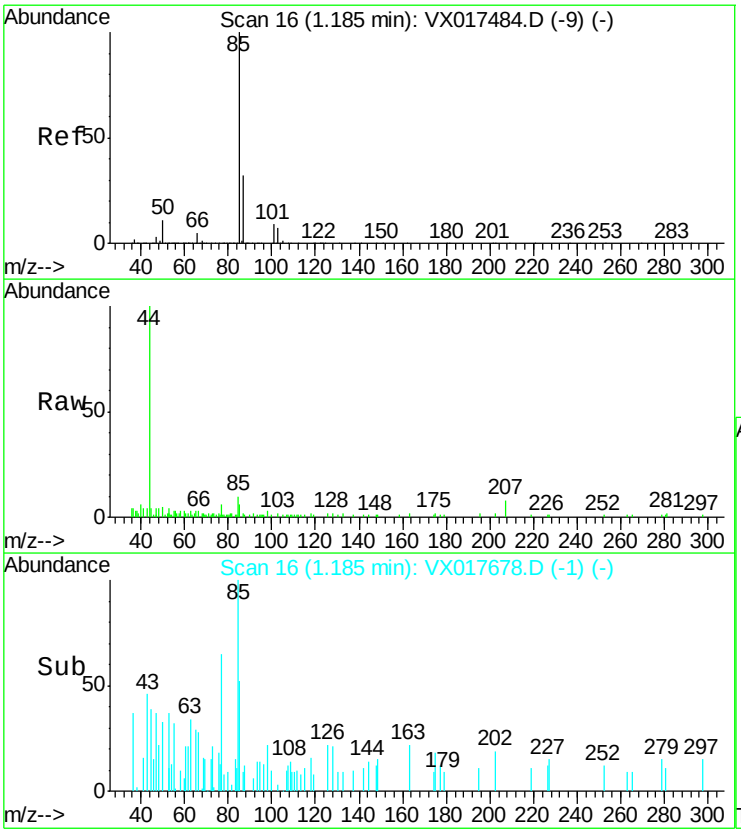
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 468747

Ion	Ratio	Lower	Upper
168	100		
99	55.9	43.4	65.2

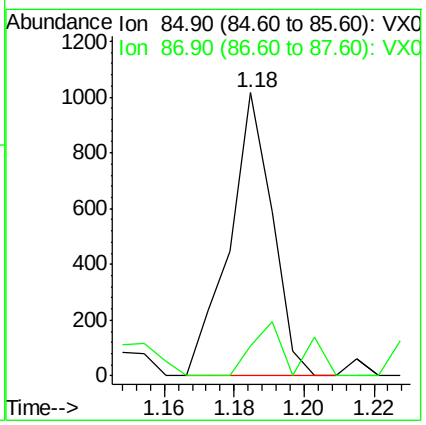


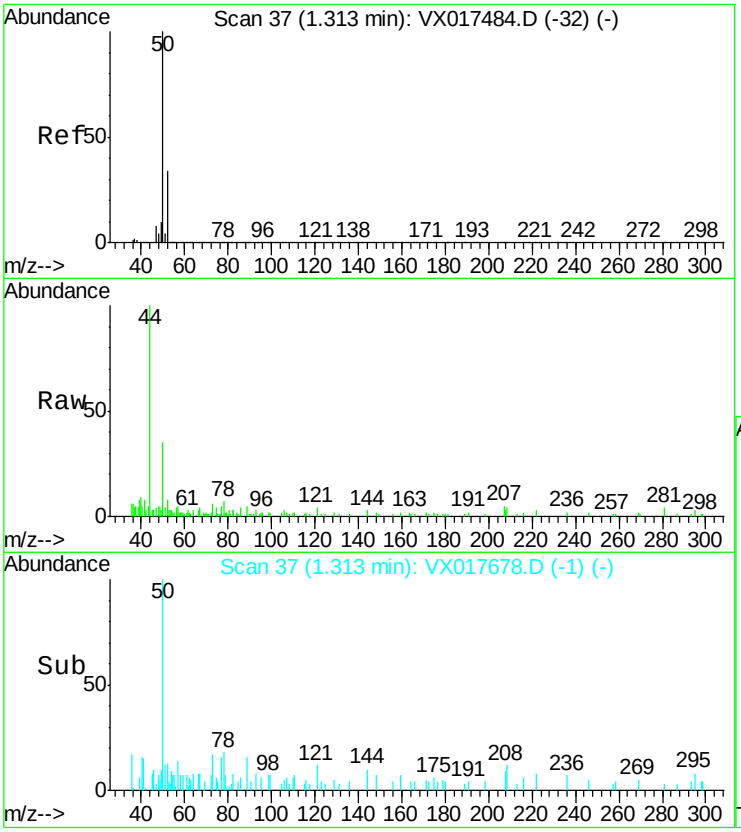


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 85 Resp: 871

Ion	Ratio	Lower	Upper
85	100		
87	17.9	16.1	48.3



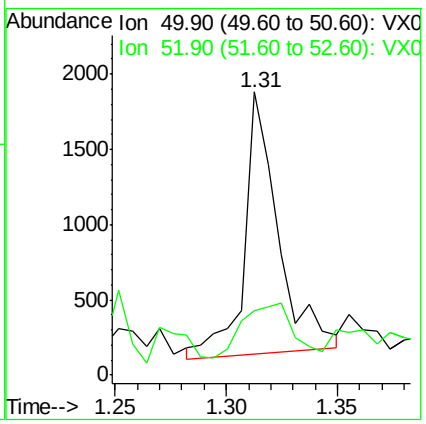


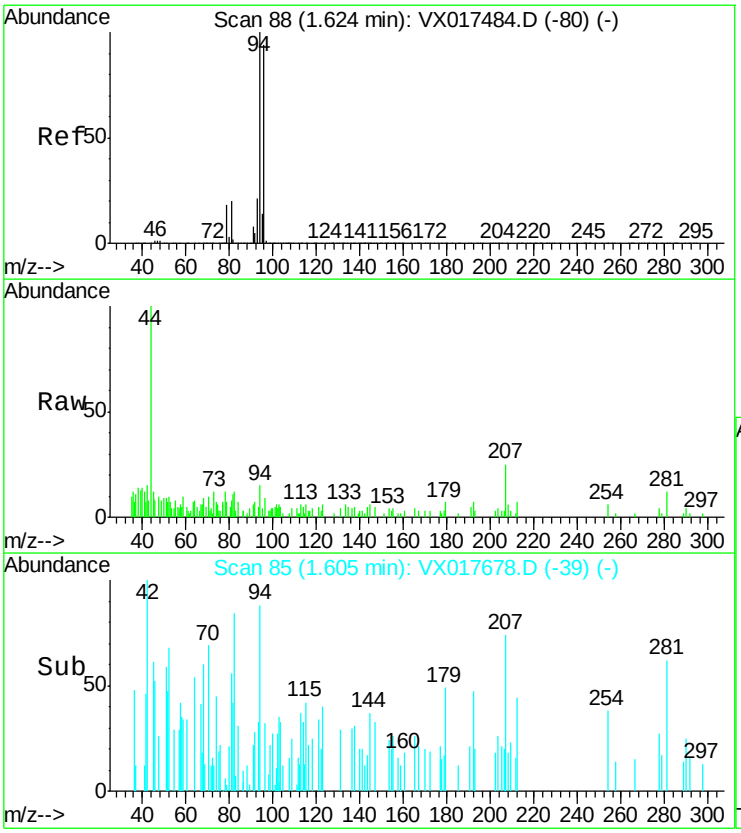
#3
Chloromethane
Concen: 0.688 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1872

Ion	Ratio	Lower	Upper
50	100		
52	9.3	25.9	38.9#

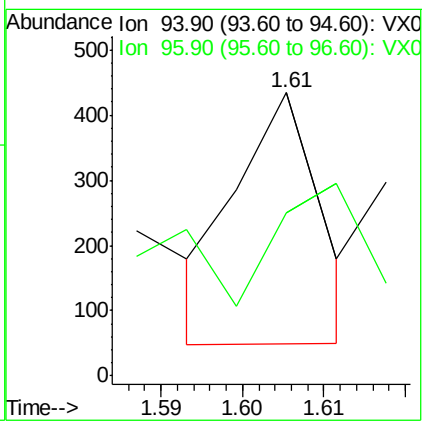


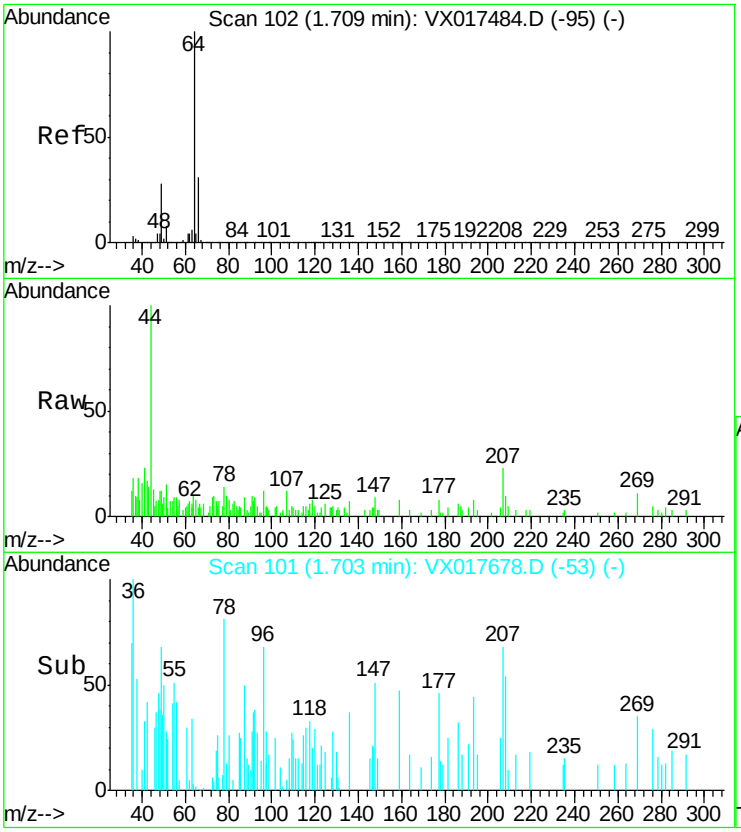


#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 85
Delta R.T. -0.02 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 94 Resp: 275

Ion	Ratio	Lower	Upper
94	100		
96	9.8	74.1	111.1#



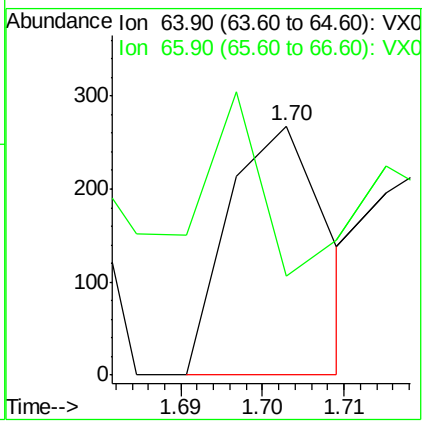


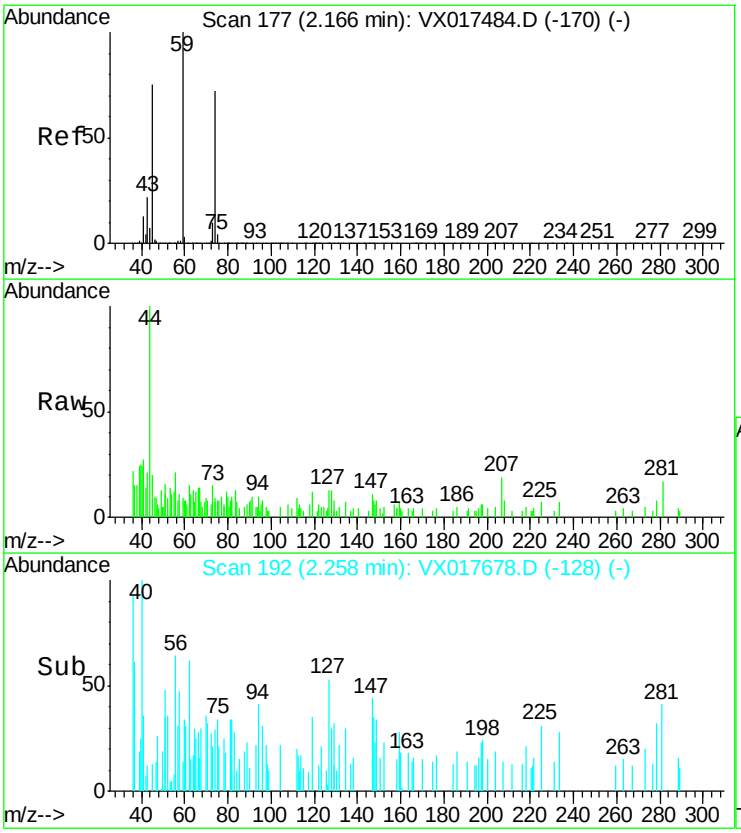
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 101
Delta R.T. -0.01 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 227

Ion	Ratio	Lower	Upper
64	100		
66	48.1	24.9	37.3#

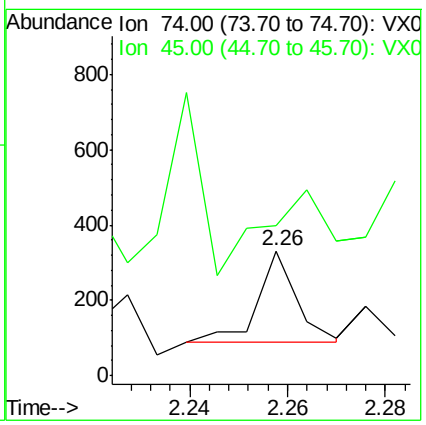


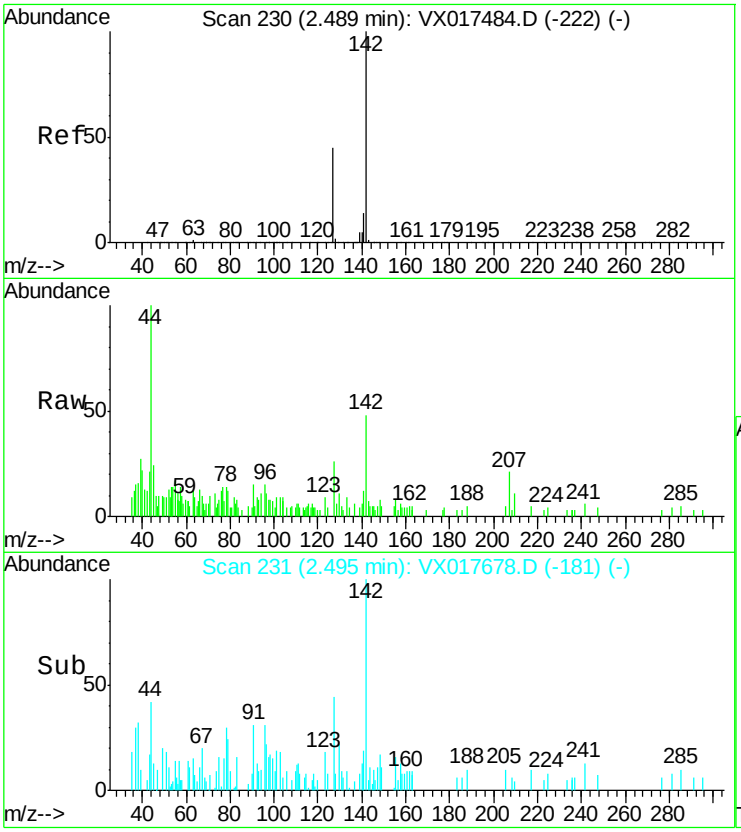


#8
Diethyl Ether
Concen: Below Cal
RT: 2.26 min Scan# 192
Delta R.T. 0.09 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 74 Resp: 133

Ion	Ratio	Lower	Upper
74	100		
45	92.5	50.8	152.5



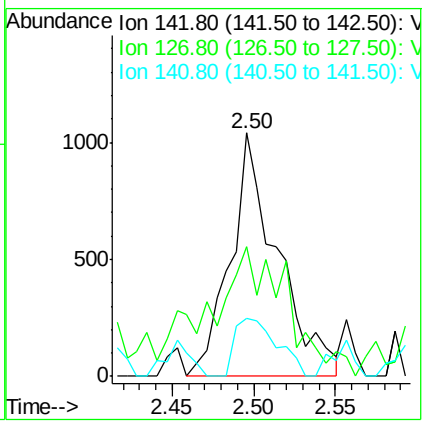


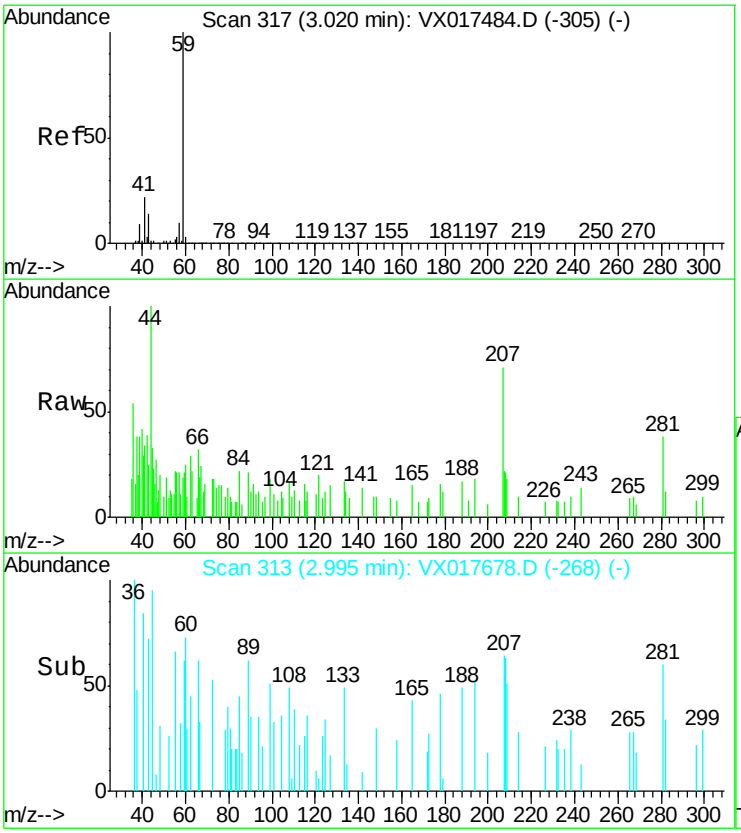
#10
Methyl Iodide
Concen: 0.322 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 2095

Ion	Ratio	Lower	Upper
142	100		
127	19.1	35.9	53.9#
141	21.3	11.4	17.0#

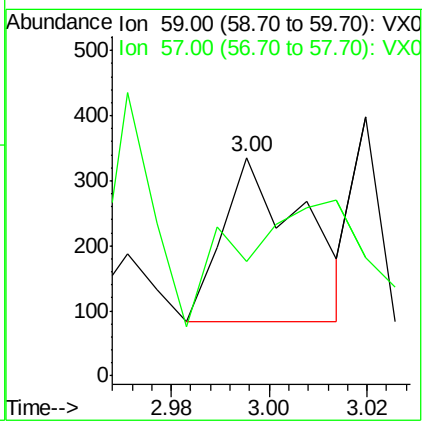


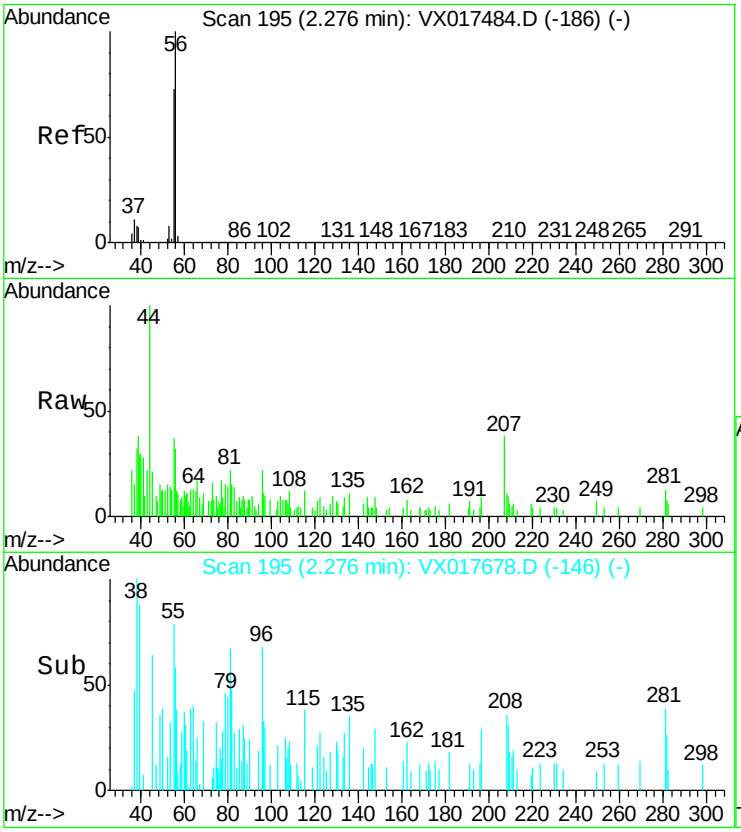


#11
Tert butyl alcohol
Concen: 0.227 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 59 Resp: 288

Ion	Ratio	Lower	Upper
59	100		
57	129.9	8.6	12.8#



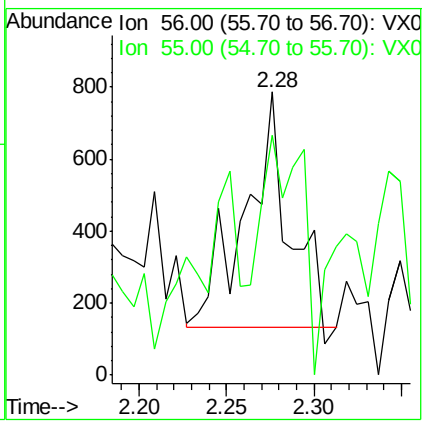


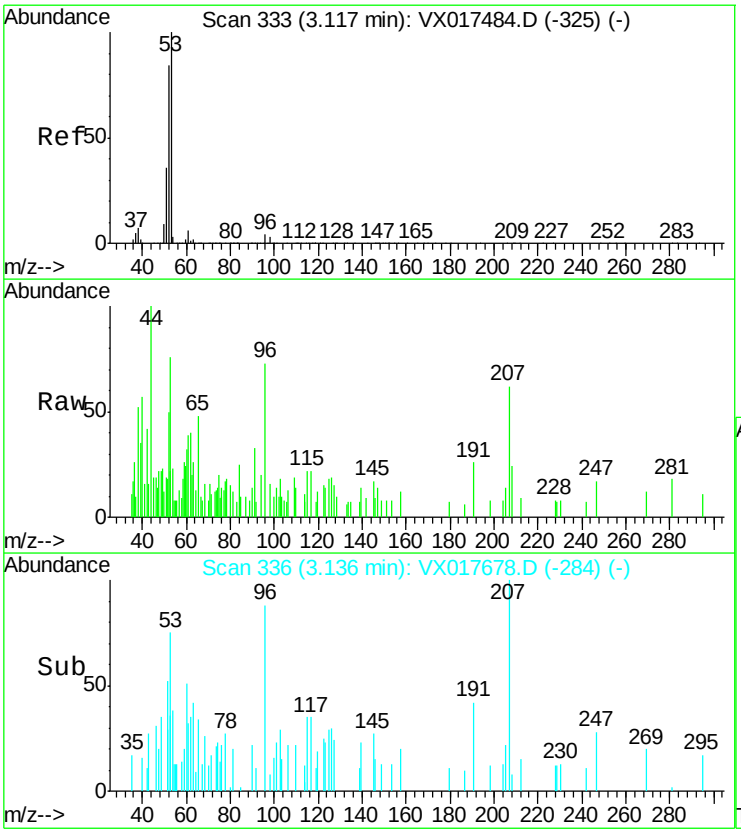
#13
Acrolein
Concen: 5.293 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 1128

Ion	Ratio	Lower	Upper
56	100		
55	100.2	57.4	86.2#

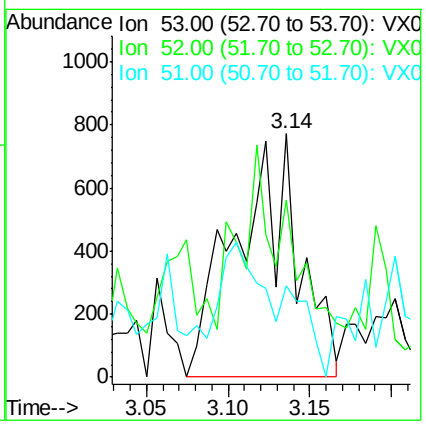


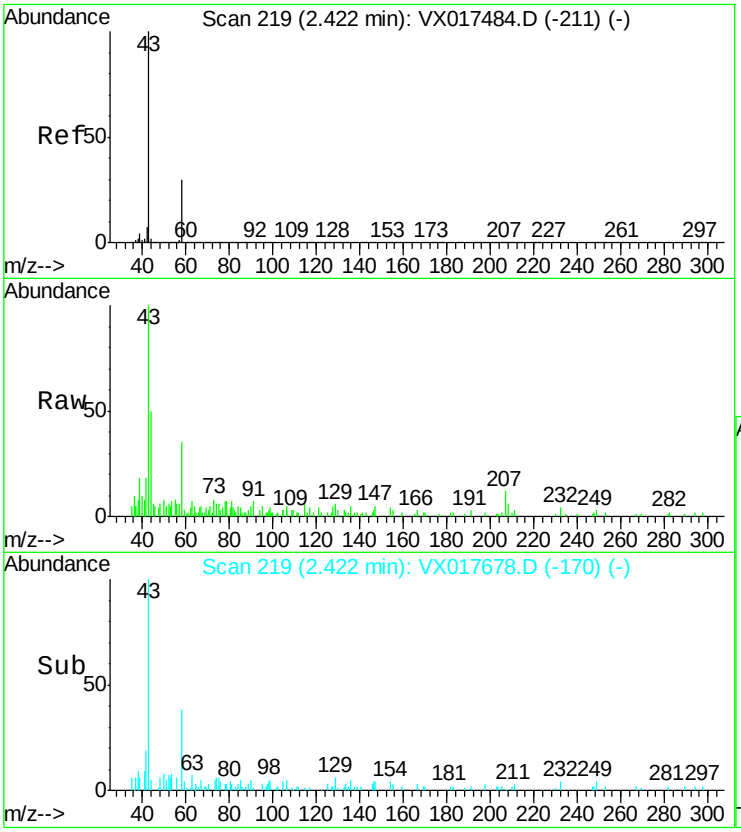


#15
Acrylonitrile
Concen: 0.745 ug/l
RT: 3.14 min Scan# 336
Delta R.T. 0.02 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 53 Resp: 2042

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	99.8#
51	0.0	29.4	44.2#



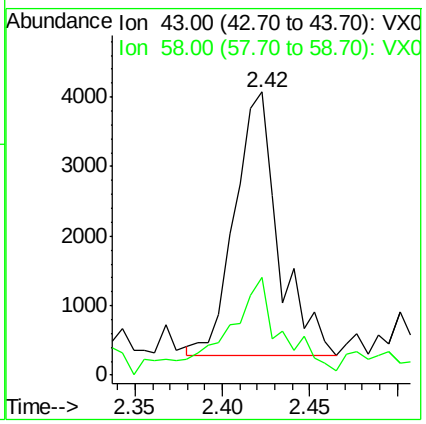


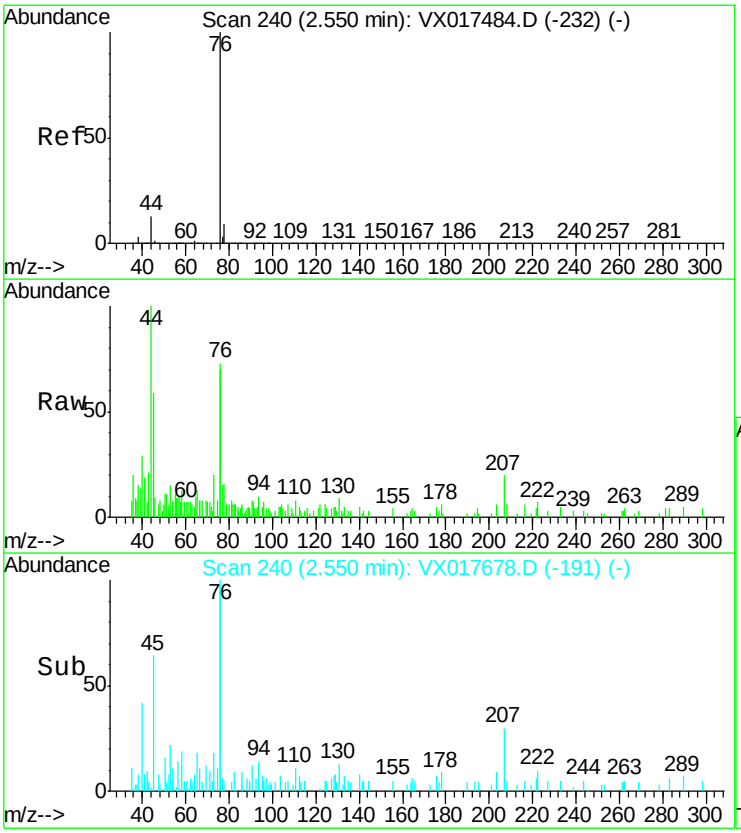
#16
Acetone
Concen: 2.489 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6597

Ion	Ratio	Lower	Upper
43	100		
58	35.4	24.2	36.4

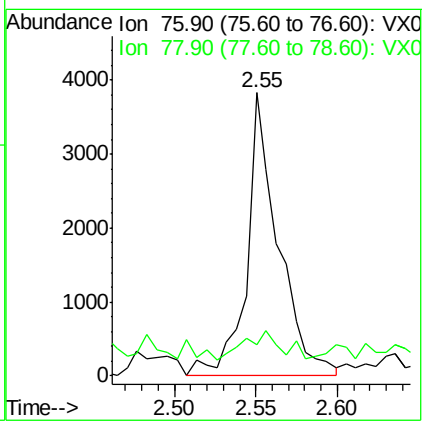


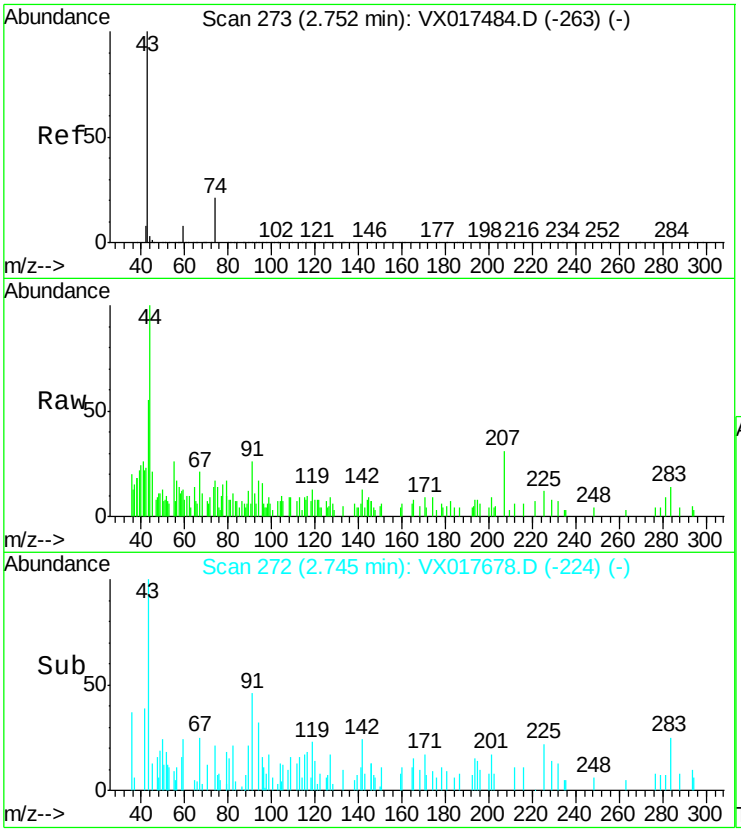


#17
Carbon Disulfide
Concen: 0.352 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 76 Resp: 5187

Ion	Ratio	Lower	Upper
76	100		
78	0.2	7.5	11.3#



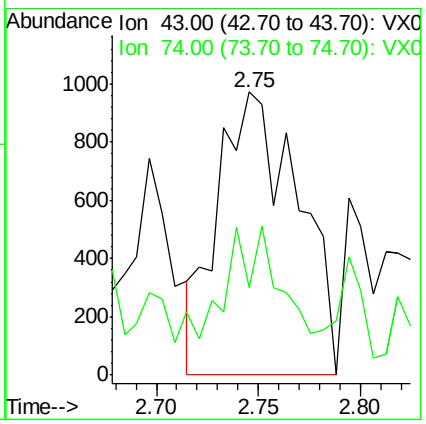


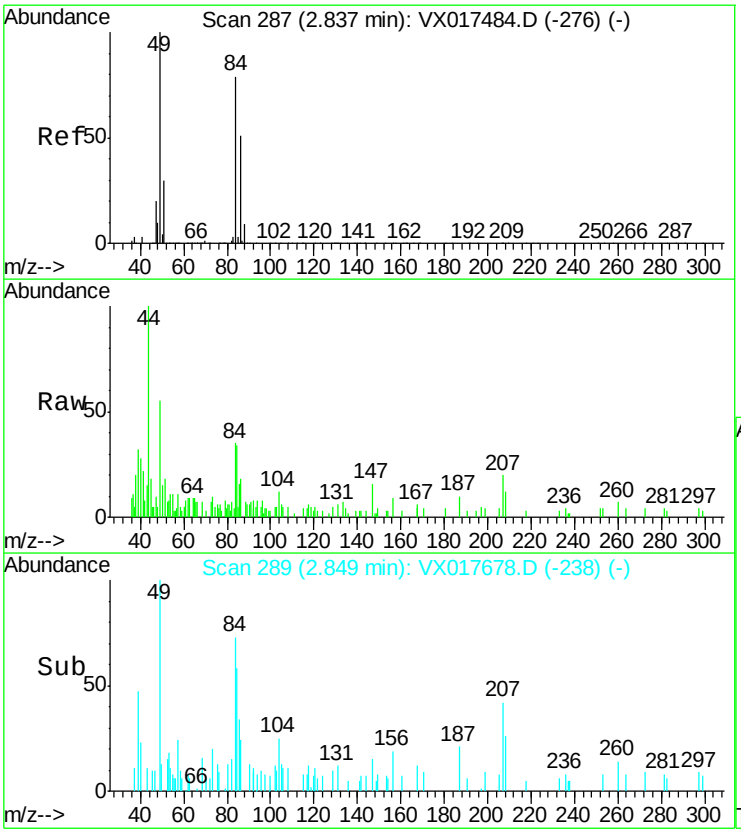
#18
Methyl Acetate
Concen: 0.425 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2654

Ion	Ratio	Lower	Upper
43	100		
74	28.8	17.5	26.3#

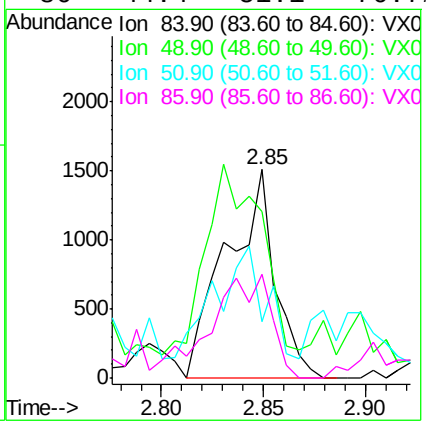


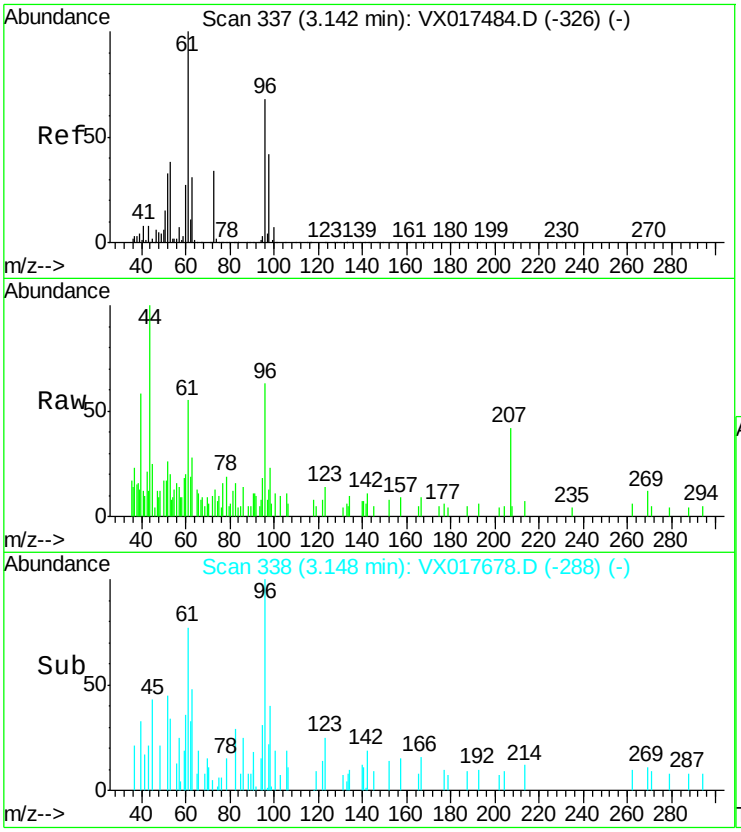


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 289
Delta R.T. 0.01 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 84 Resp: 2512

Ion	Ratio	Lower	Upper
84	100		
49	69.0	100.3	150.5#
51	8.9	30.5	45.7#
86	44.4	51.1	76.7#



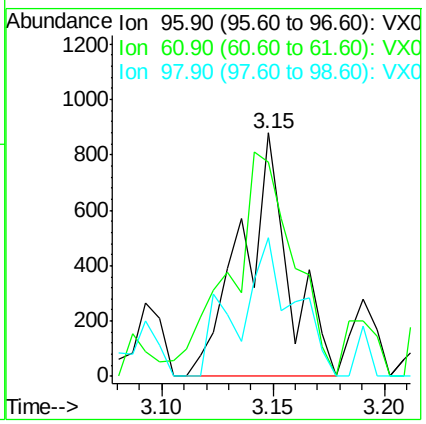


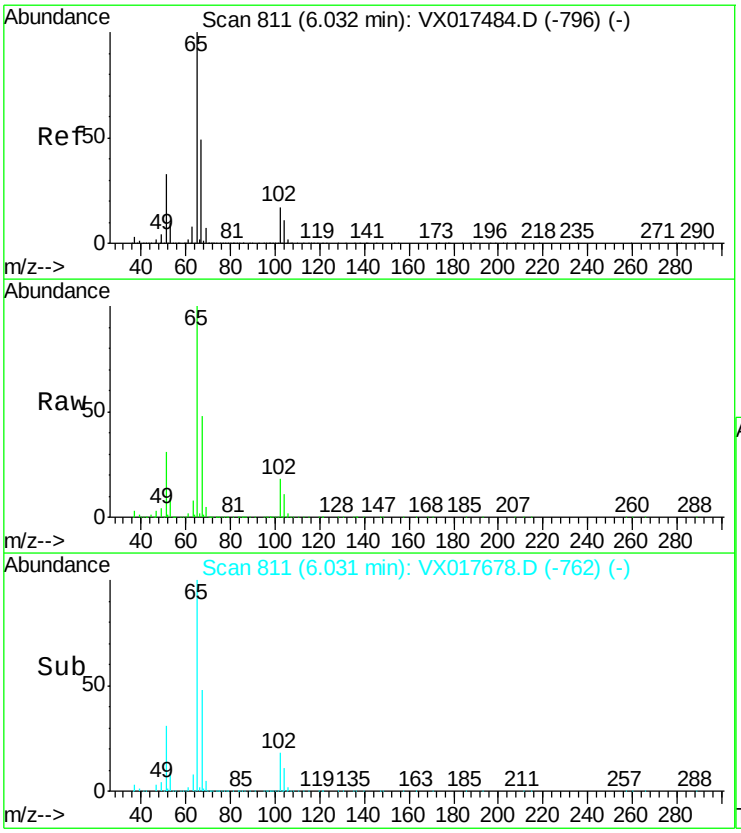
#21
trans-1,2-Dichloroethene
Concen: 0.253 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1311

Ion	Ratio	Lower	Upper
96	100		
61	87.8	113.0	169.4#
98	57.2	51.8	77.8

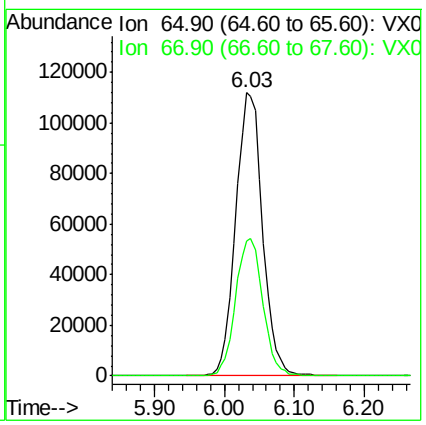


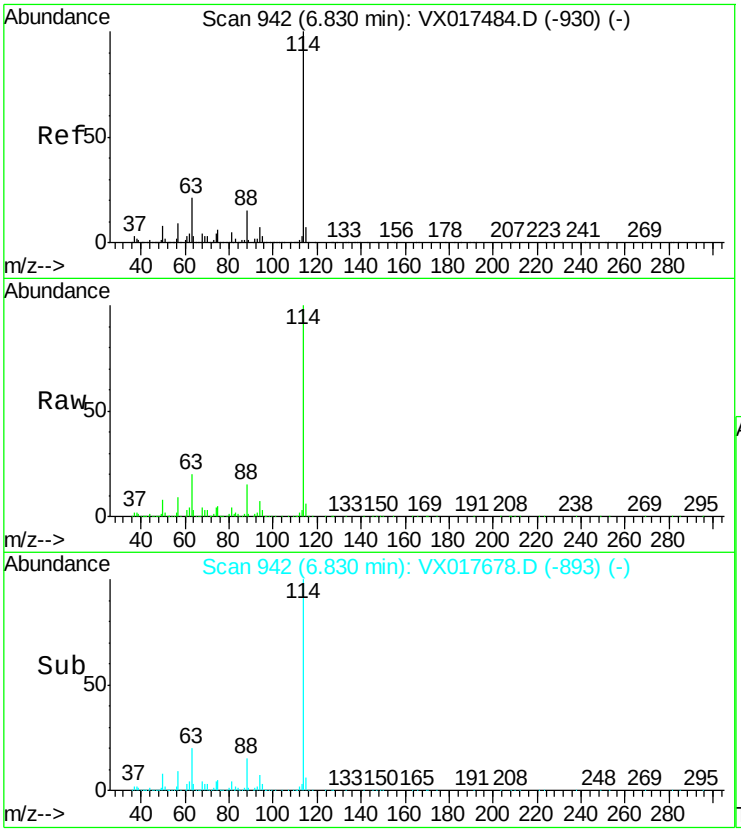


#33
1,2-Dichloroethane-d4
Concen: 49.410 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 65 Resp: 297511

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	102.8



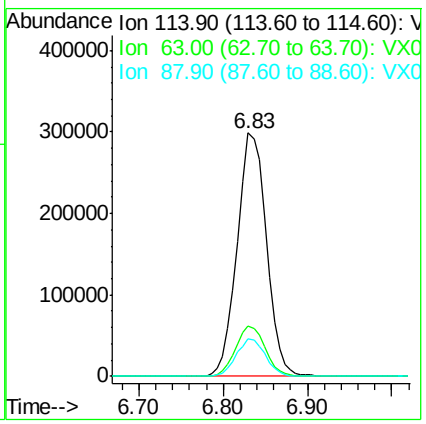


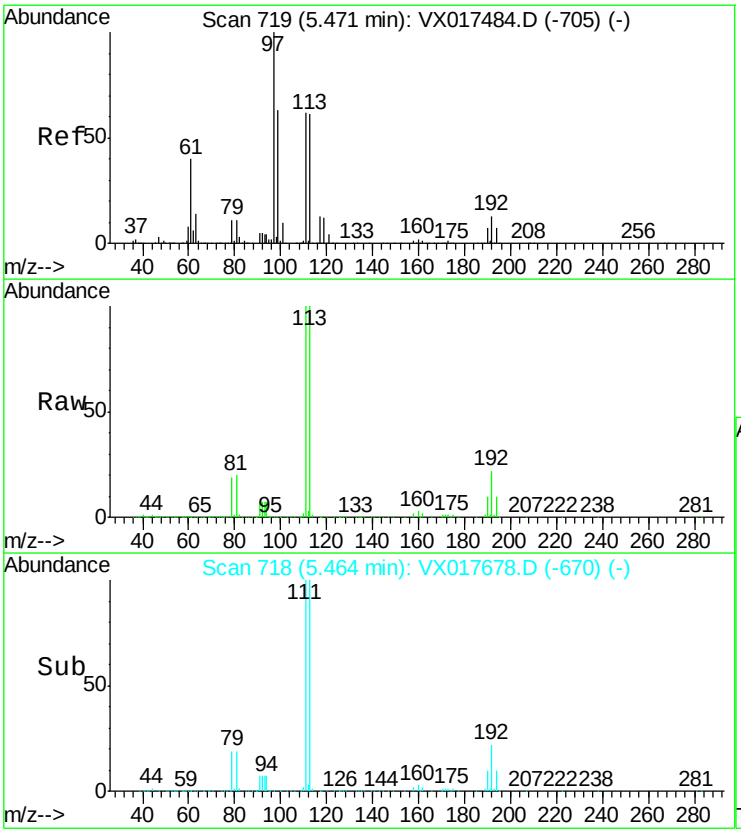
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 702267

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.6
88	15.4	0.0	33.4

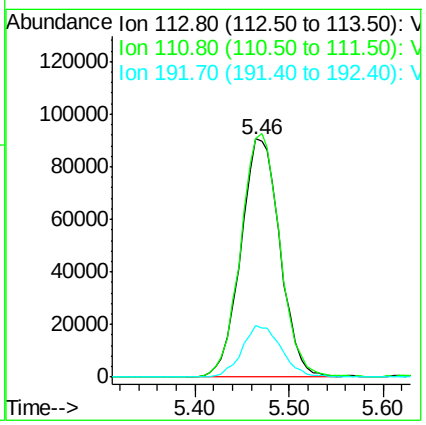


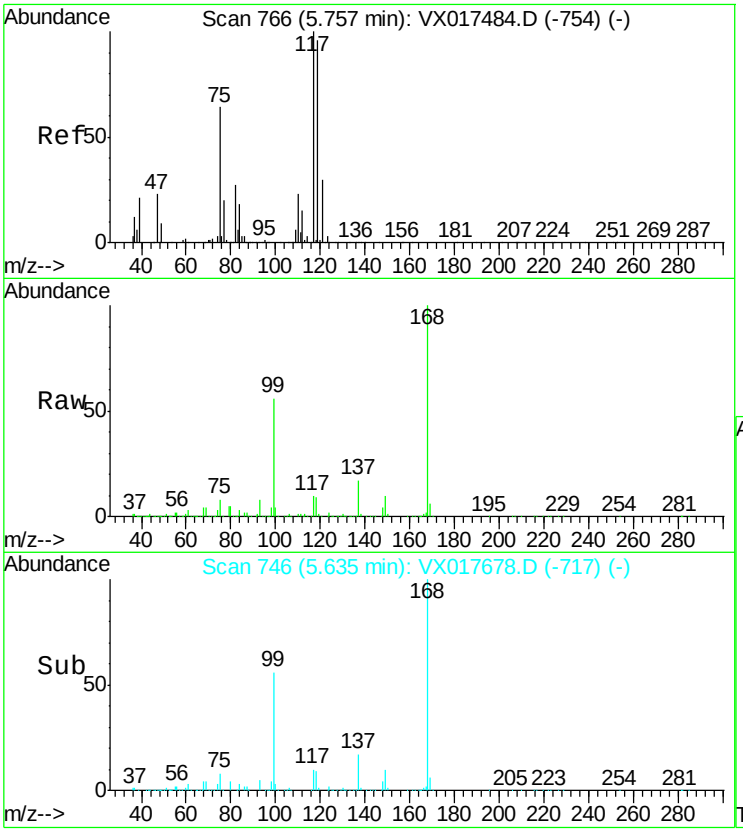


#35
Dibromofluoromethane
Concen: 56.147 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion:113 Resp: 263710

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.7	121.1
192	21.8	16.9	25.3



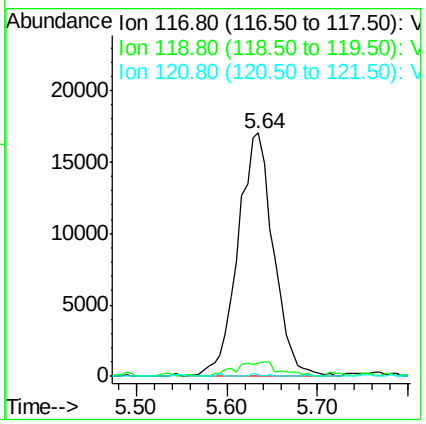


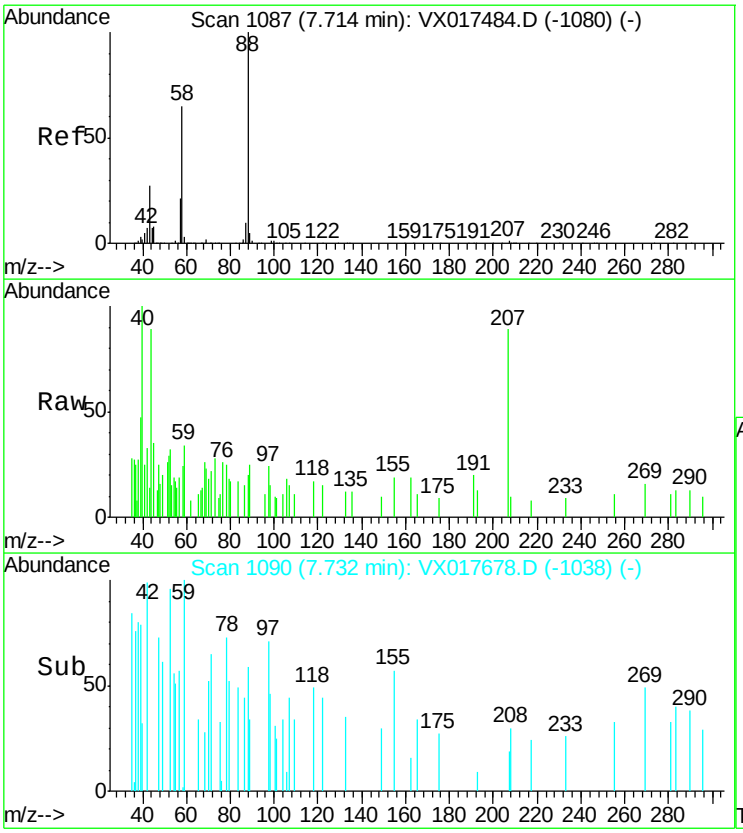
#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 46236

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.0#
121	0.5	24.3	36.5#

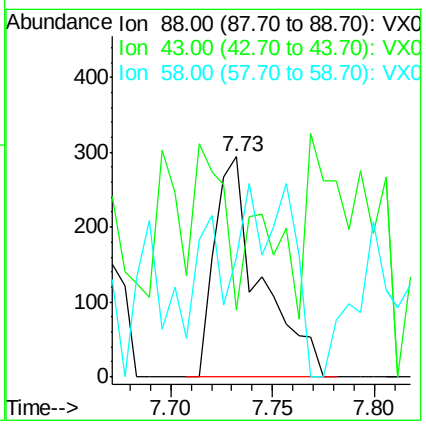


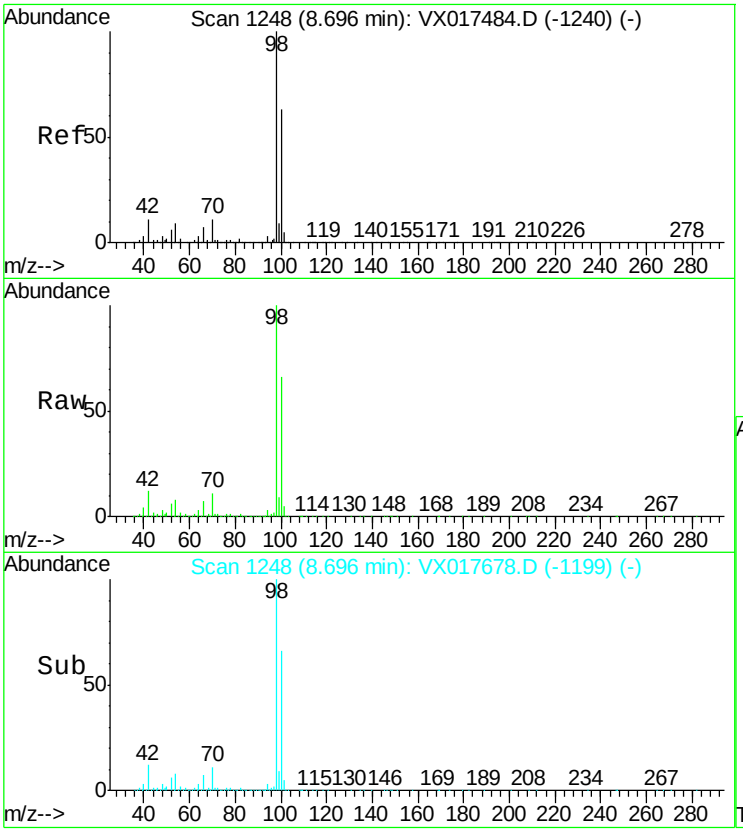


#49
1,4-Dioxane
Concen: 3.972 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 88 Resp: 459

Ion	Ratio	Lower	Upper
88	100		
43	38.3	27.8	41.6
58	23.3	58.3	87.5#



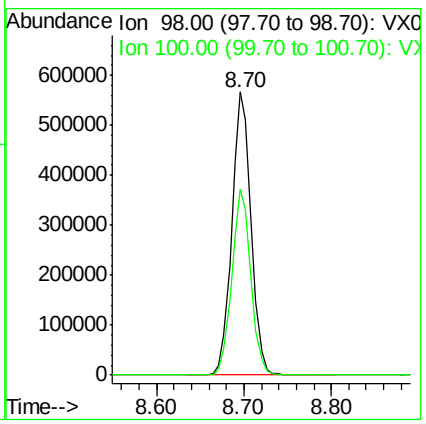


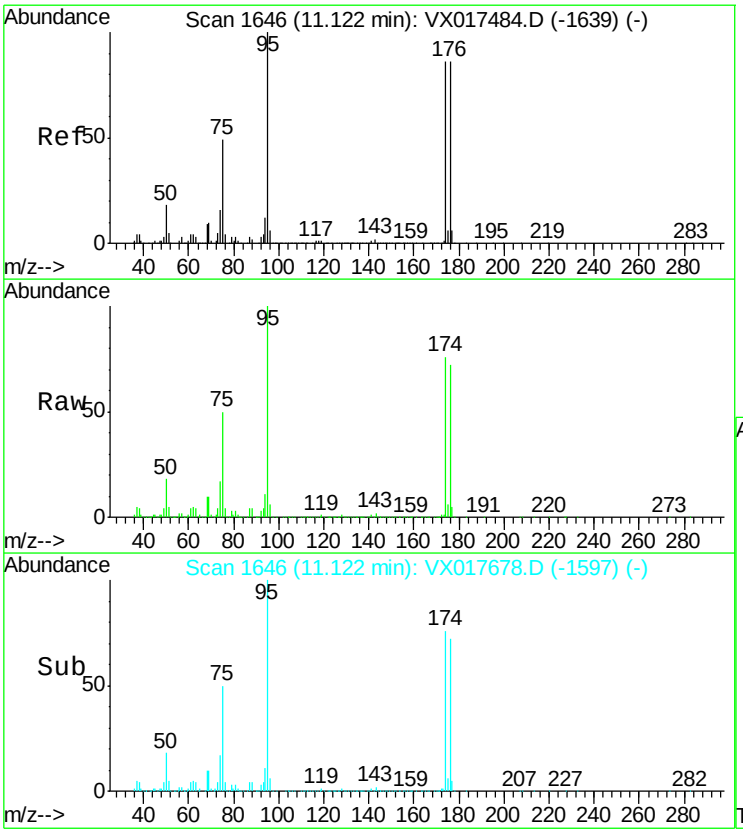
#50
Toluene-d8
Concen: 51.183 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 867216

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5

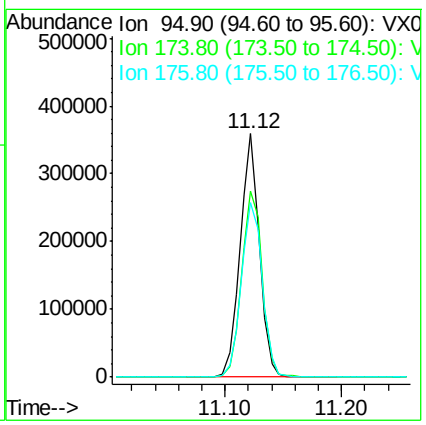


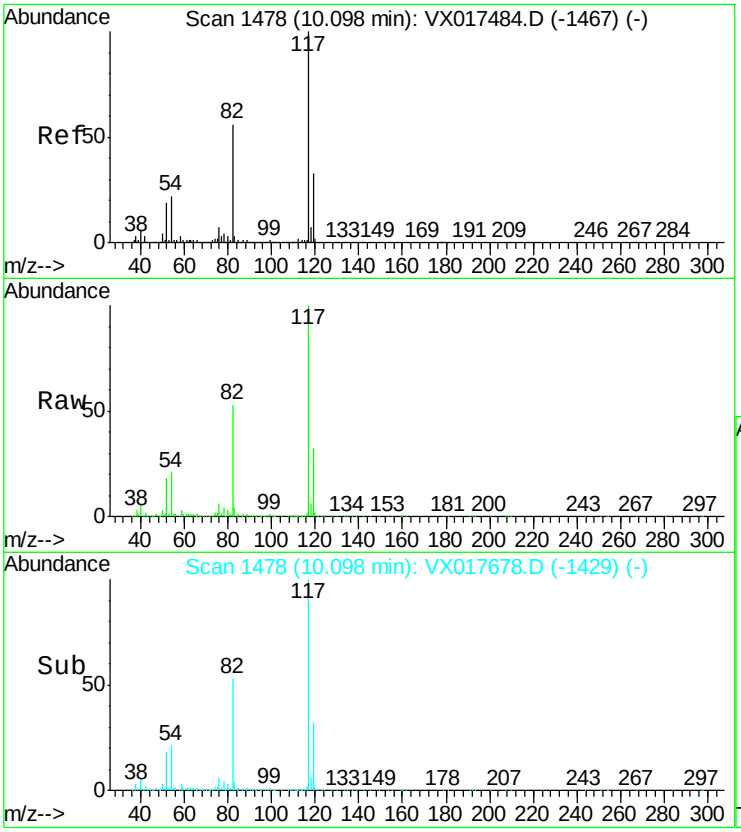


#62
4-Bromofluorobenzene
Concen: 60.989 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 95 Resp: 413558

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	169.0
176	78.5	0.0	161.0



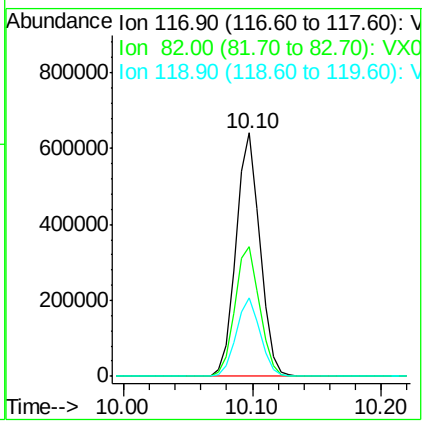


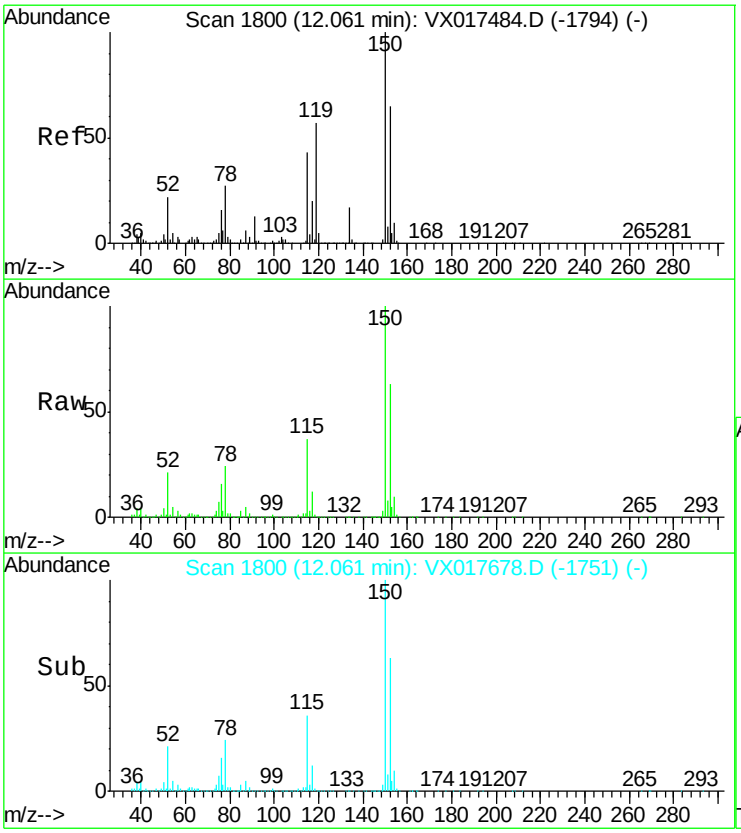
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 825956

Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.0	66.0
119	32.3	25.4	38.0

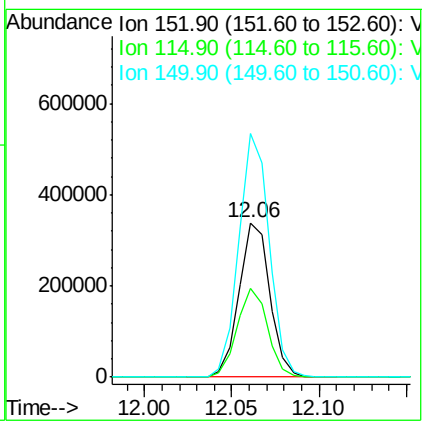


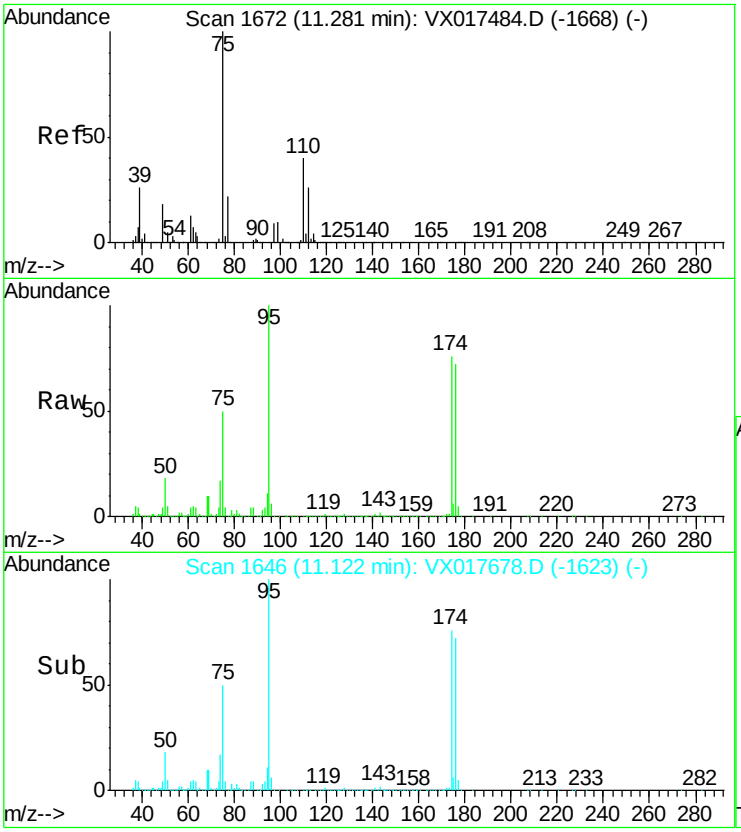


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion:152 Resp: 414353

Ion	Ratio	Lower	Upper
152	100		
115	56.9	65.5	196.6#
150	156.1	0.0	412.6



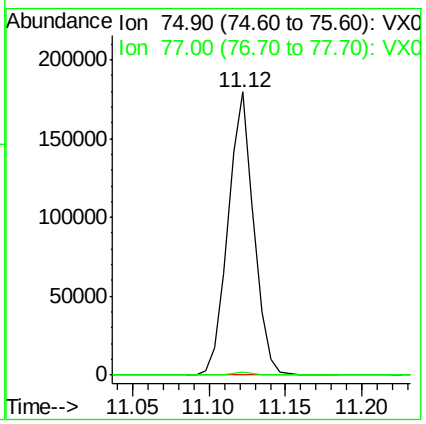


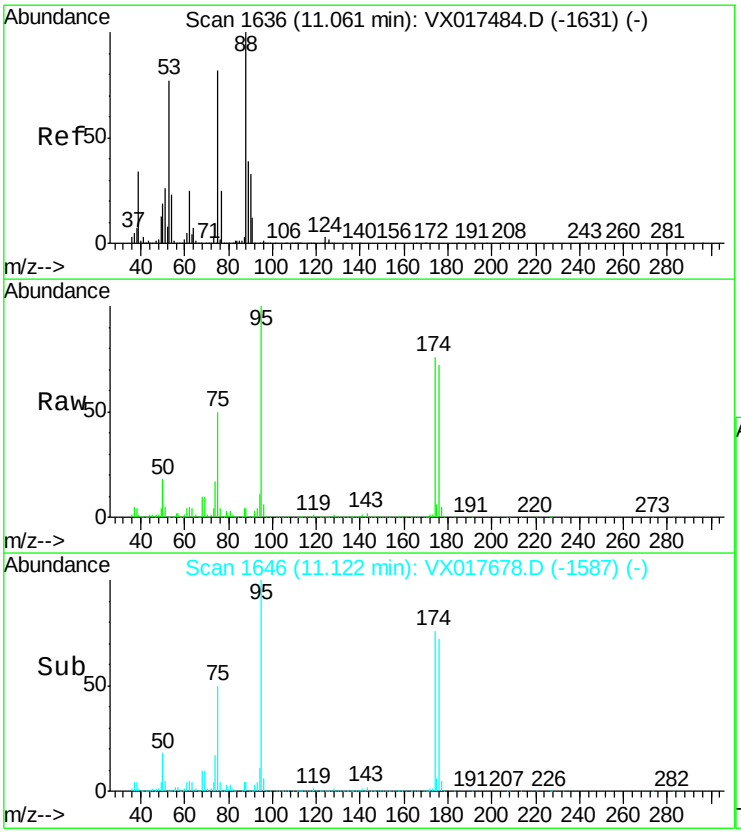
#76
1,2,3-Trichloropropane
Concen: 24.410 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 208056

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.8	65.3#

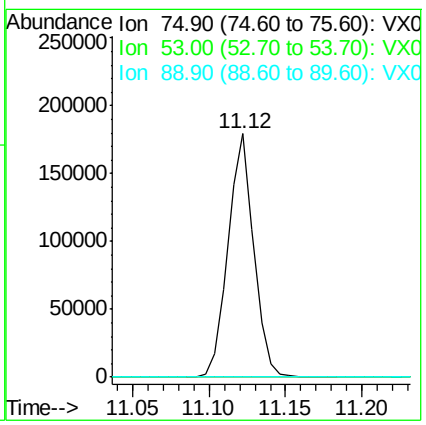


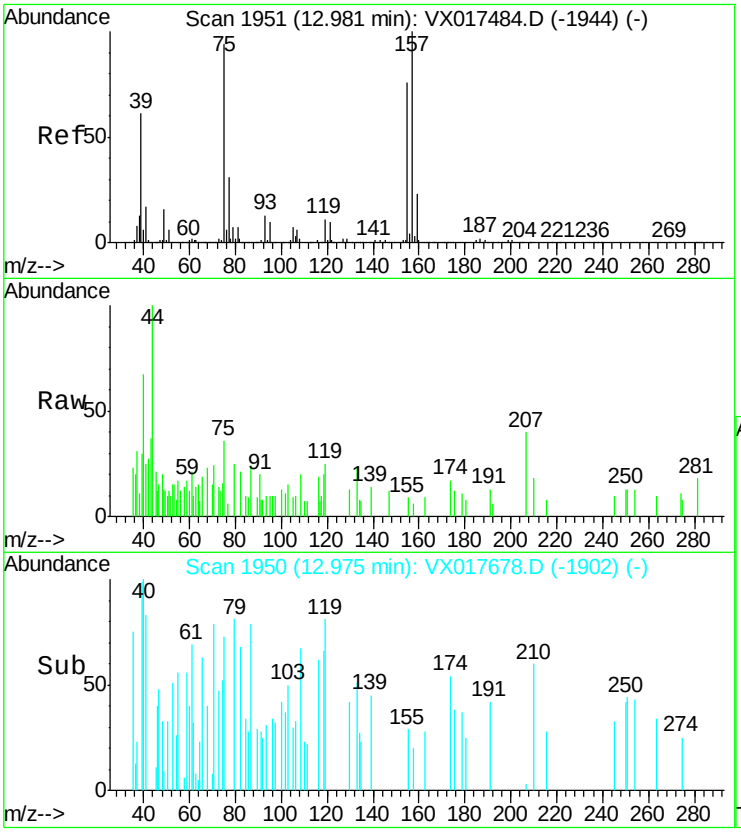


#81
trans-1,4-Dichloro-2-butene
Concen: 61.508 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 75 Resp: 208056

Ion	Ratio	Lower	Upper
75	100		
53	0.3	75.9	113.9#
89	0.0	37.8	56.6#



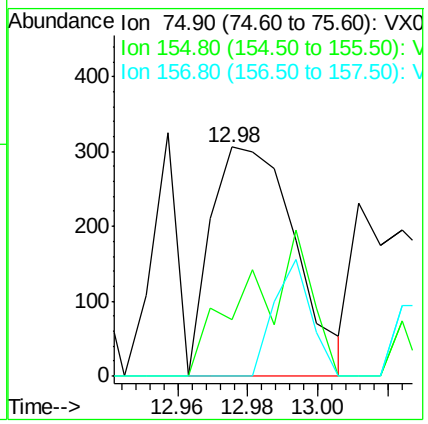


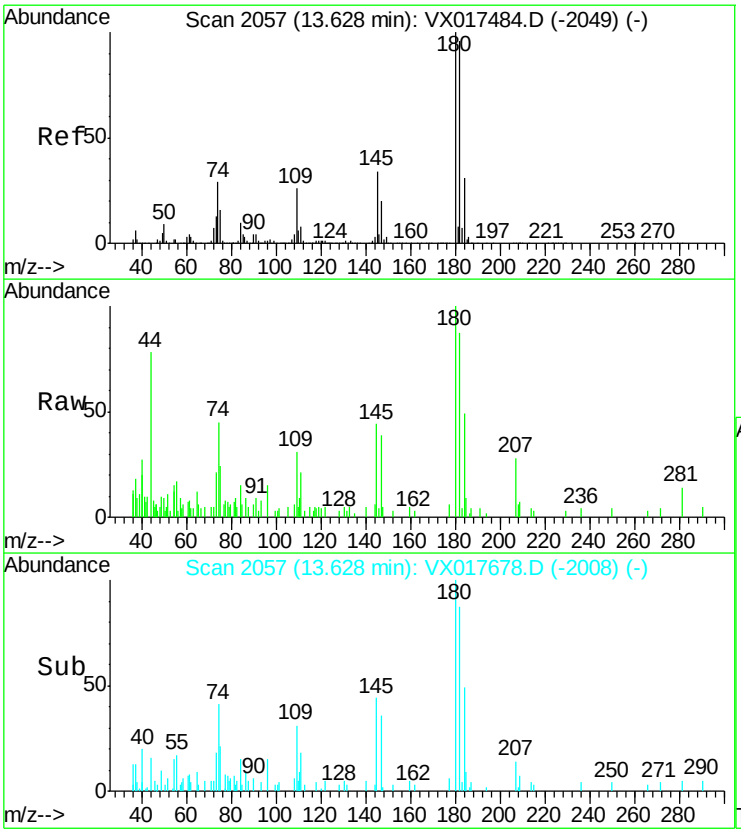
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.770 ug/l
RT: 12.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 511

Ion	Ratio	Lower	Upper
75	100		
155	47.6	42.3	126.8
157	22.5	54.3	162.9#

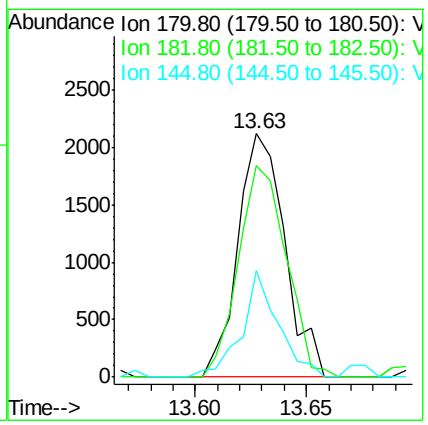


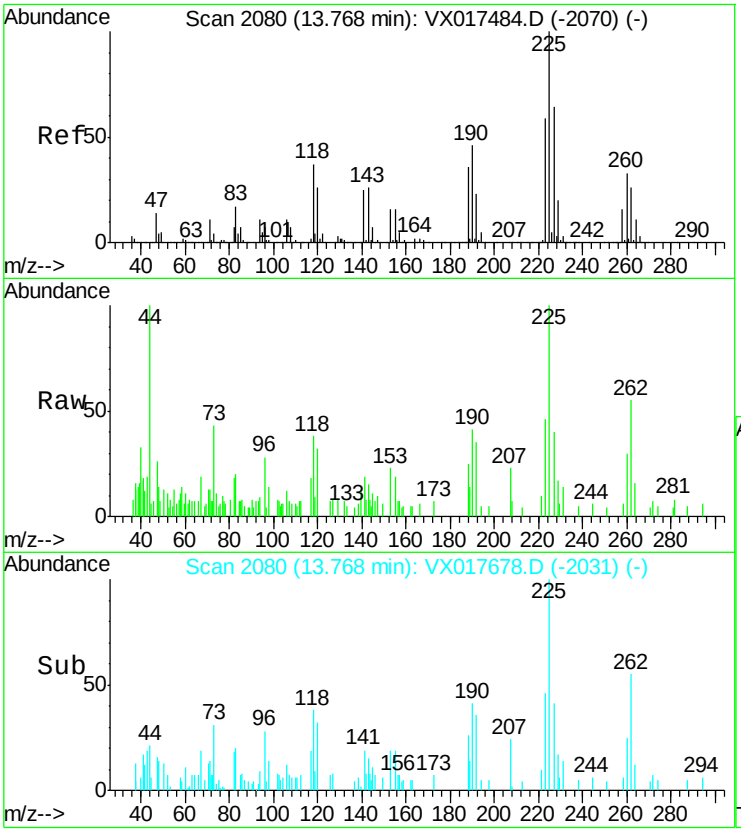


#93
1,2,4-Trichlorobenzene
Concen: 0.340 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion:180 Resp: 3115

Ion	Ratio	Lower	Upper
180	100		
182	88.6	47.5	142.6
145	34.0	15.4	46.4



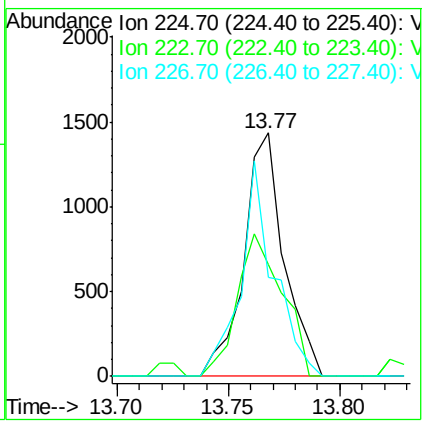


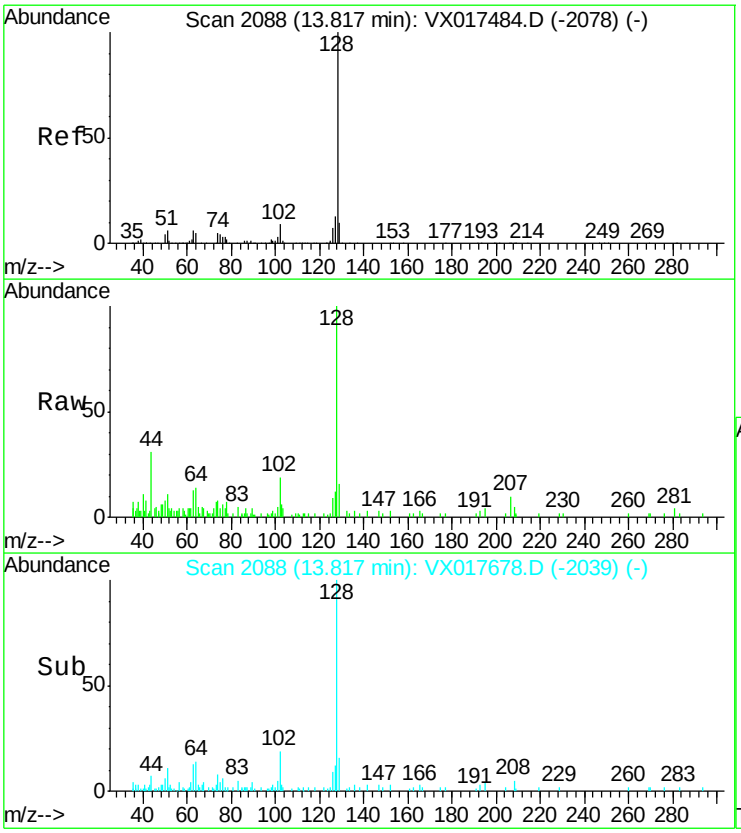
#94
Hexachlorobutadiene
Concen: 0.429 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 1809

Ion	Ratio	Lower	Upper
225	100		
223	65.5	30.3	90.9
227	73.0	31.1	93.2

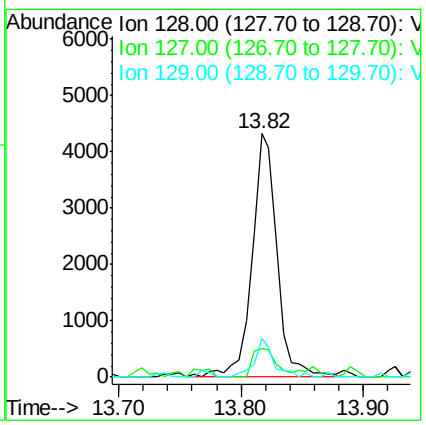


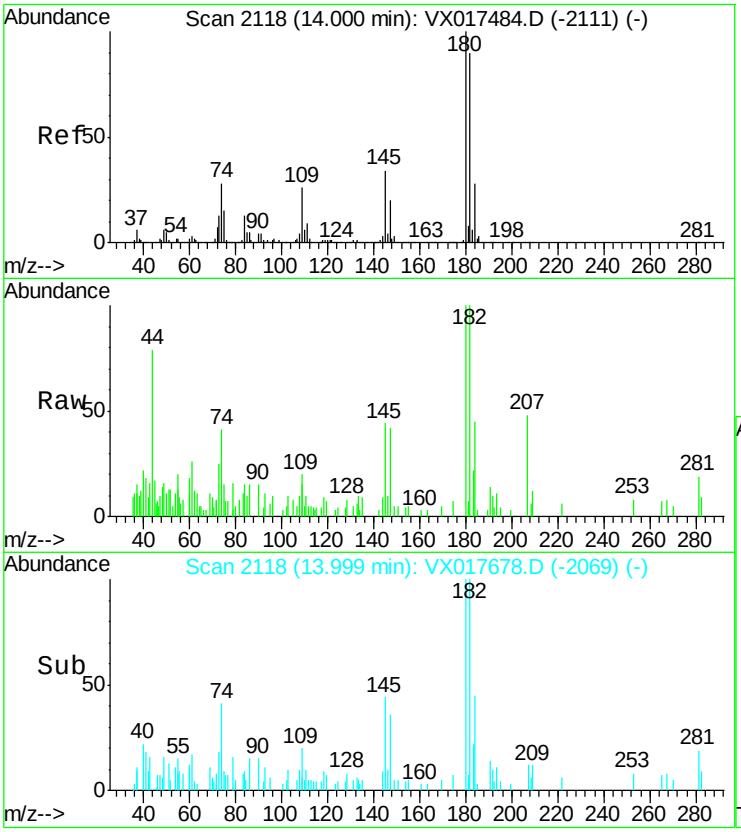


#95
Naphthalene
Concen: 0.227 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion:128 Resp: 6214

Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.4	15.6
129	12.2	8.9	13.3

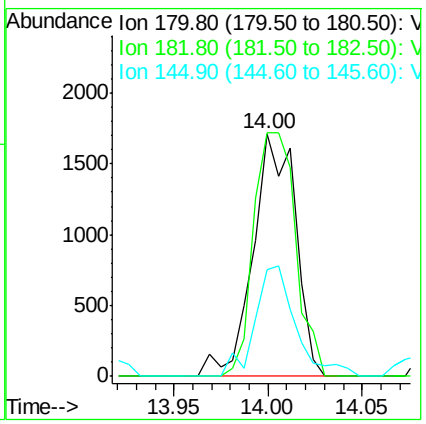




#96
1,2,3-Trichlorobenzene
Concen: 0.295 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion:180 Resp: 2667

Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.4	142.3
145	43.7	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :