Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018384.D
Acq On : 14 Sep 2020 15:27
Operator : JC/SP
Sample : L3980-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Sep 15 05:11:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	431383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	684086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	644912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	320751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	304780	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.78%			
35) Dibromofluoromethane	5.46	113	236786	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.64%			
50) Toluene-d8	8.70	98	822113	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.76%			
62) 4-Bromofluorobenzene	11.12	95	313327	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.78%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	1293	0.234	ug/l	91
5) Bromomethane	1.64	94	923	0.347	ug/l #	66
6) Chloroethane	1.73	64	703	0.237	ug/l #	22
10) Methyl Iodide	2.50	142	1254	5.545	ug/l #	94
11) Tert butyl alcohol	3.00	59	1542	1.324	ug/l #	59
13) Acrolein	2.27	56	623	1.290	ug/l	94
15) Acrylonitrile	3.14	53	1453	0.550	ug/l #	74
16) Acetone	2.42	43	17613	7.548	ug/l	96
17) Carbon Disulfide	2.55	76	3118	0.245	ug/l #	93
20) Methylene Chloride	2.83	84	2595	Below Cal	#	90
25) 2-Butanone	4.65	43	1903	0.496	ug/l #	69
29) Tetrahydrofuran	5.10	42	623	0.255	ug/l #	20
36) 1,1-Dichloropropene	5.62	75	33580	5.322	ug/l #	52
38) Carbon Tetrachloride	5.63	117	45690	6.426	ug/l #	18
49) 1,4-Dioxane	7.74	88	481	4.507	ug/l #	72
51) 4-Methyl-2-Pentanone	8.62	43	1595	0.218	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	712	0.212	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	161672	22.658	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	161672	61.196	ug/l #	12
87) 1,3-Dichlorobenzene	12.01	146	2164	0.211	ug/l	93
88) 1,4-Dichlorobenzene	12.01	146	2164	0.210	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.98	75	398	0.213	ug/l #	74
93) 1,2,4-Trichlorobenzene	13.63	180	1995	0.310	ug/l	82
94) Hexachlorobutadiene	13.76	225	990	0.389	ug/l #	77
95) Naphthalene	13.82	128	5653	0.267	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.00	180	1636	0.257	ug/l	83

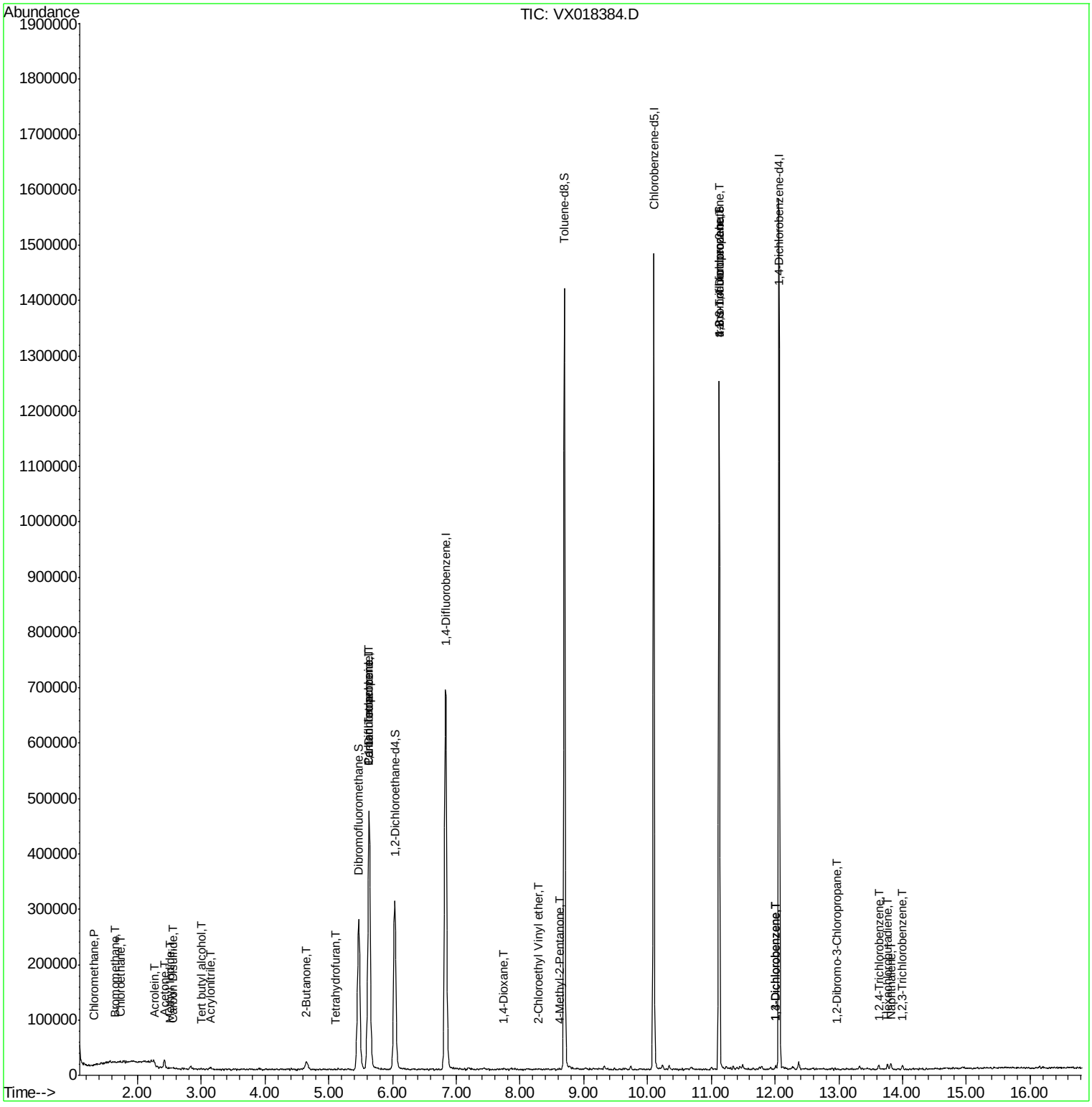
(#) = qualifier out of range (m) = manual integration (+) = signals summed

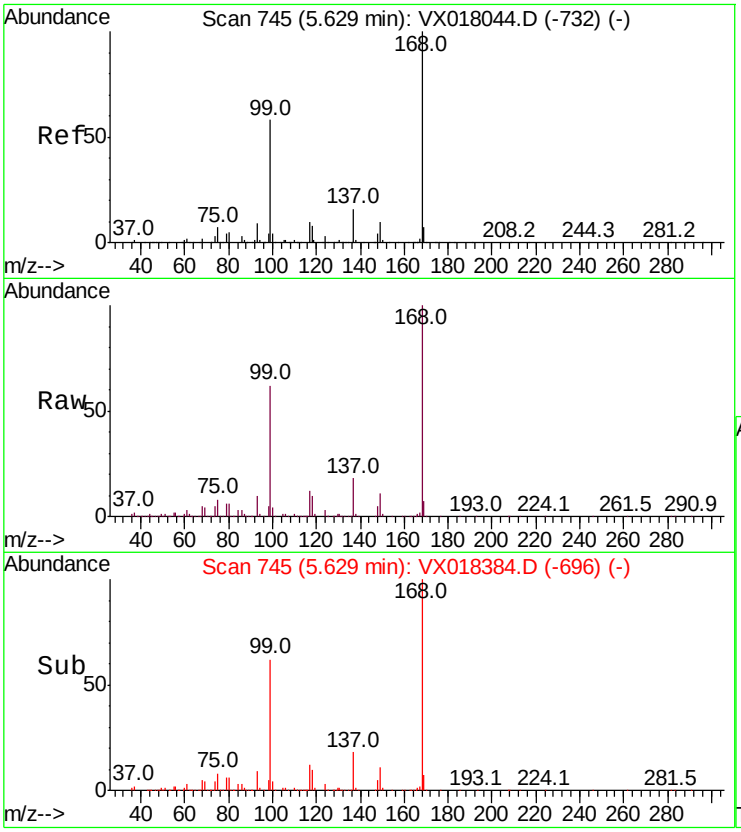
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018384.D
Acq On : 14 Sep 2020 15:27
Operator : JC/SP
Sample : L3980-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 15 05:11:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration



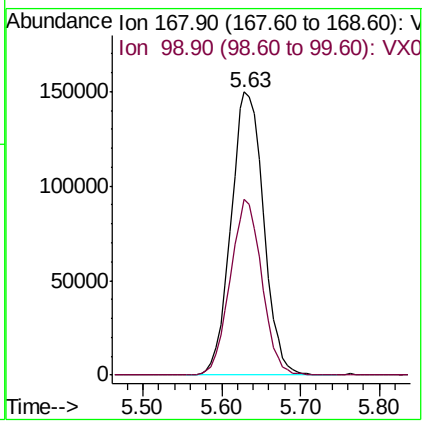


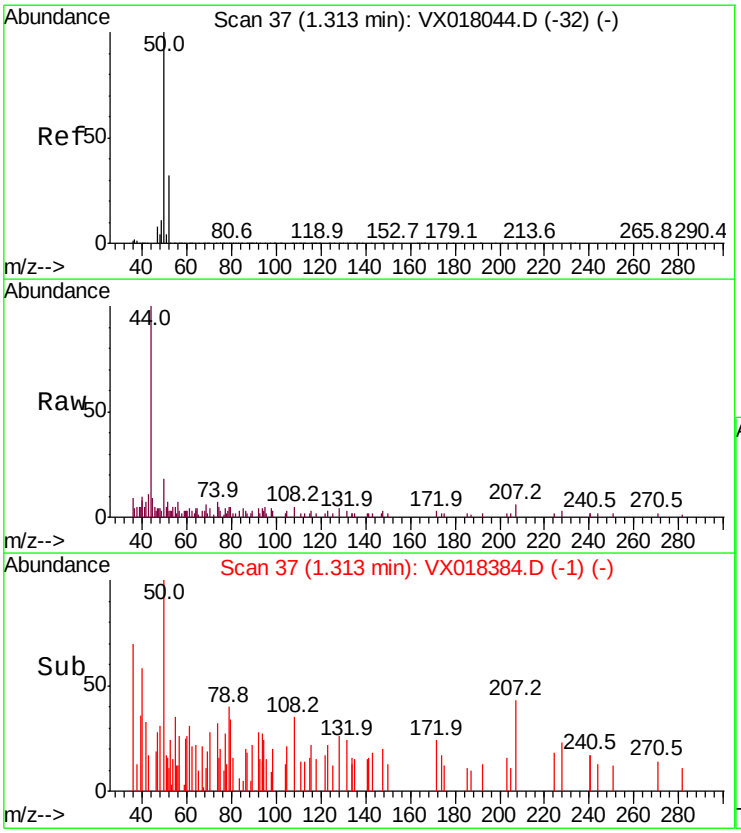
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 431383

Ion	Ratio	Lower	Upper
168	100		
99	62.1	46.3	69.5

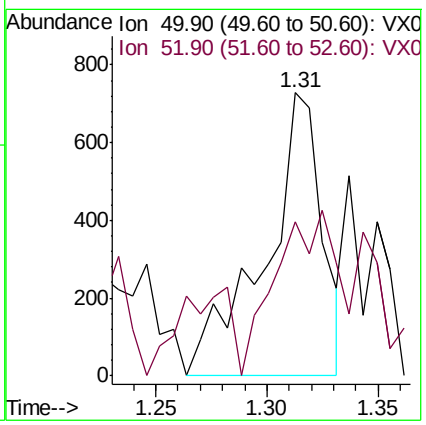


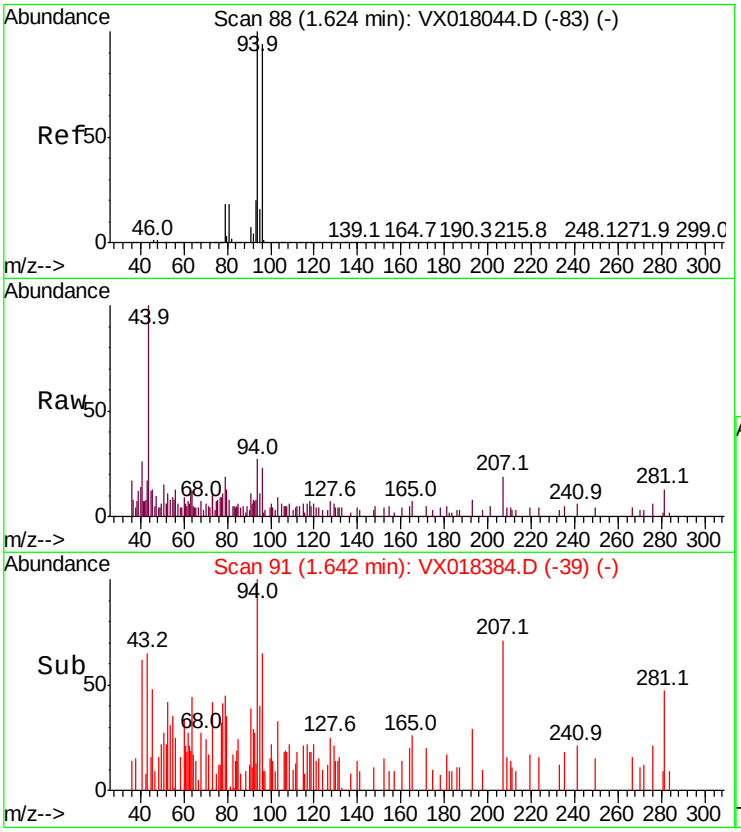


#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 50 Resp: 1293

Ion	Ratio	Lower	Upper
50	100		
52	26.6	25.4	38.2



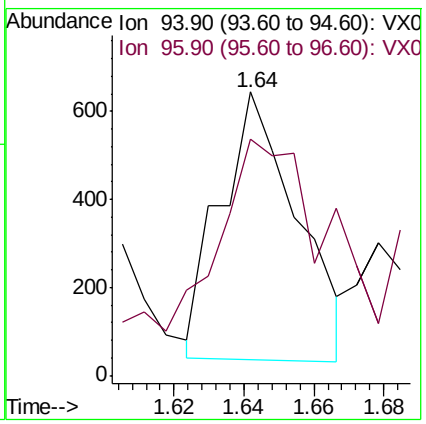


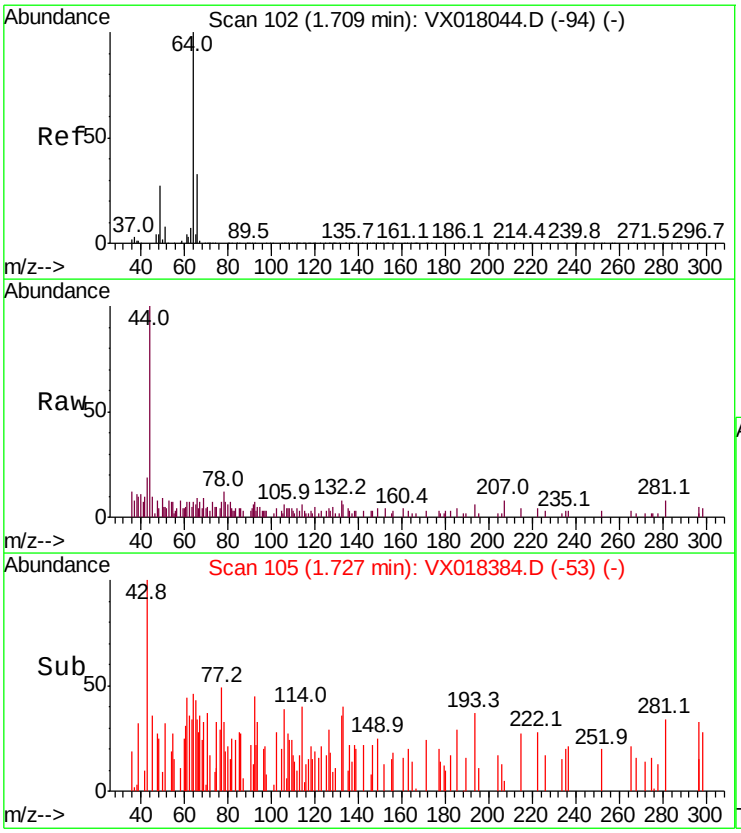
#5
Bromomethane
Concen: 0.347 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 923

Ion	Ratio	Lower	Upper
94	100		
96	60.9	74.8	112.2#

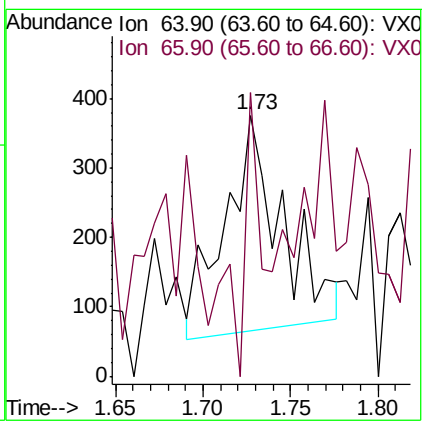


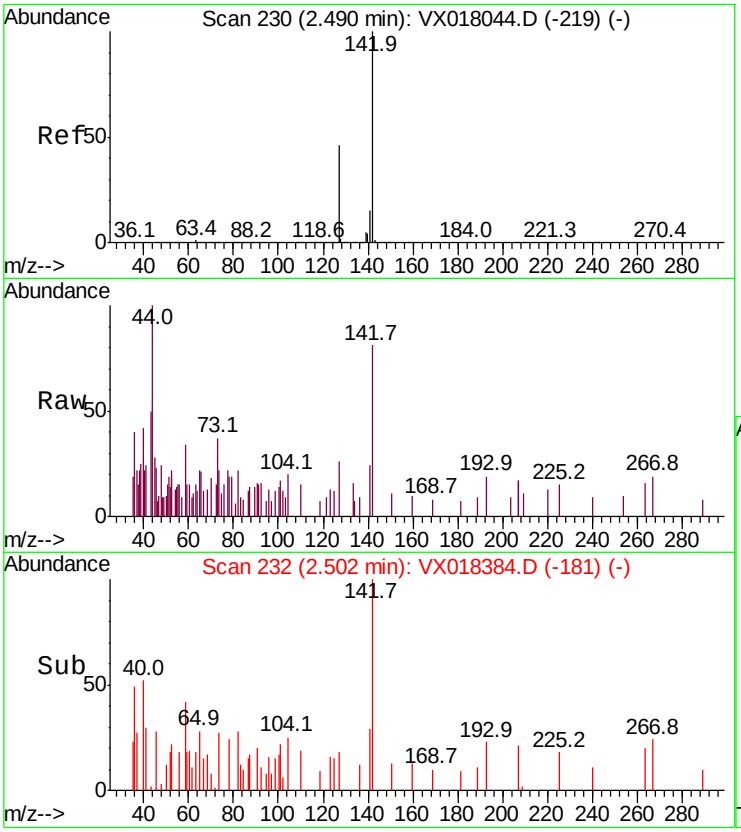


#6
Chloroethane
Concen: 0.237 ug/l
RT: 1.73 min Scan# 105
Delta R.T. 0.02 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 64 Resp: 703

Ion	Ratio	Lower	Upper
64	100		
66	77.6	26.6	39.8#



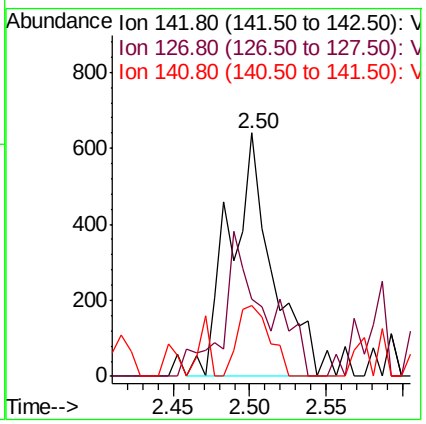


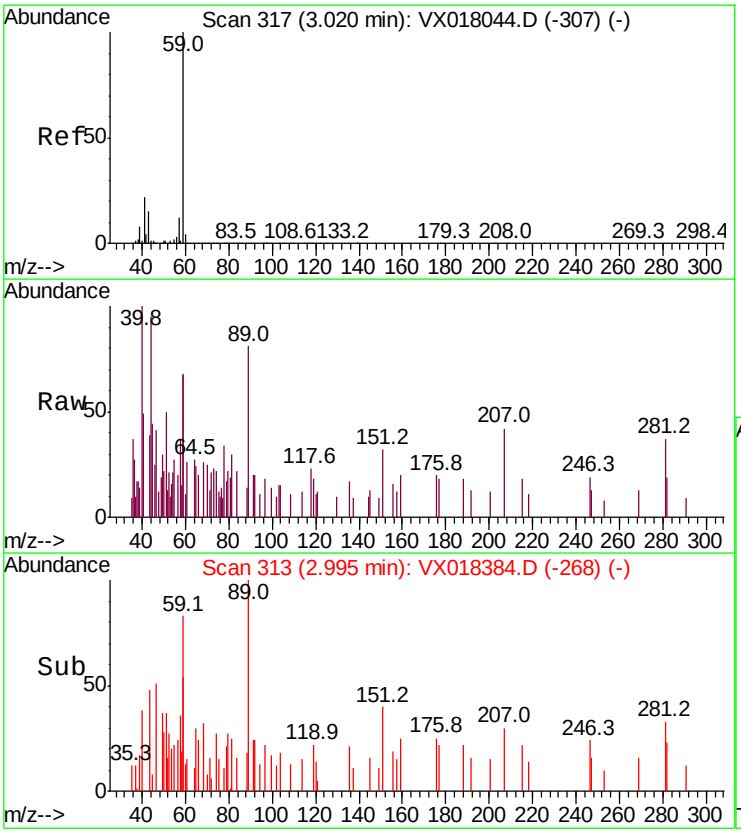
#10
Methyl Iodide
Concen: 5.545 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1254

Ion	Ratio	Lower	Upper
142	100		
127	44.7	37.0	55.6
141	21.9	11.5	17.3#

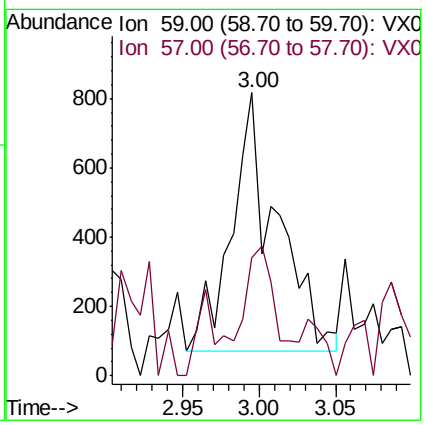


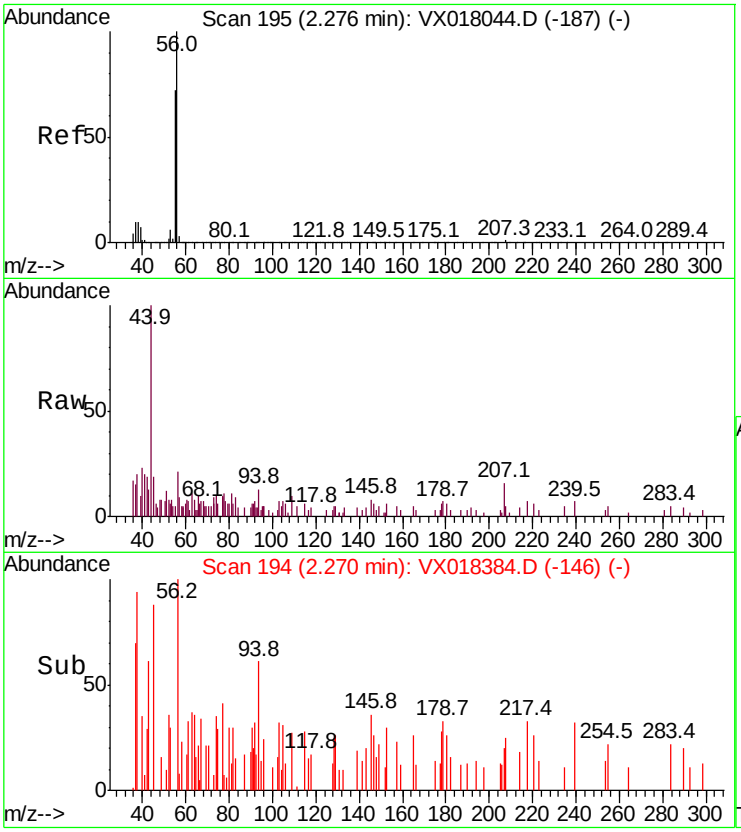


#11
Tert butyl alcohol
Concen: 1.324 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 59 Resp: 1542

Ion	Ratio	Lower	Upper
59	100		
57	26.6	8.9	13.3#



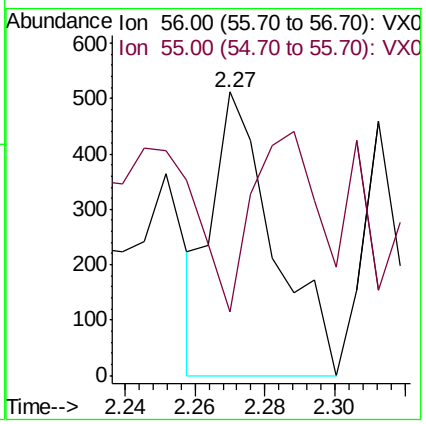


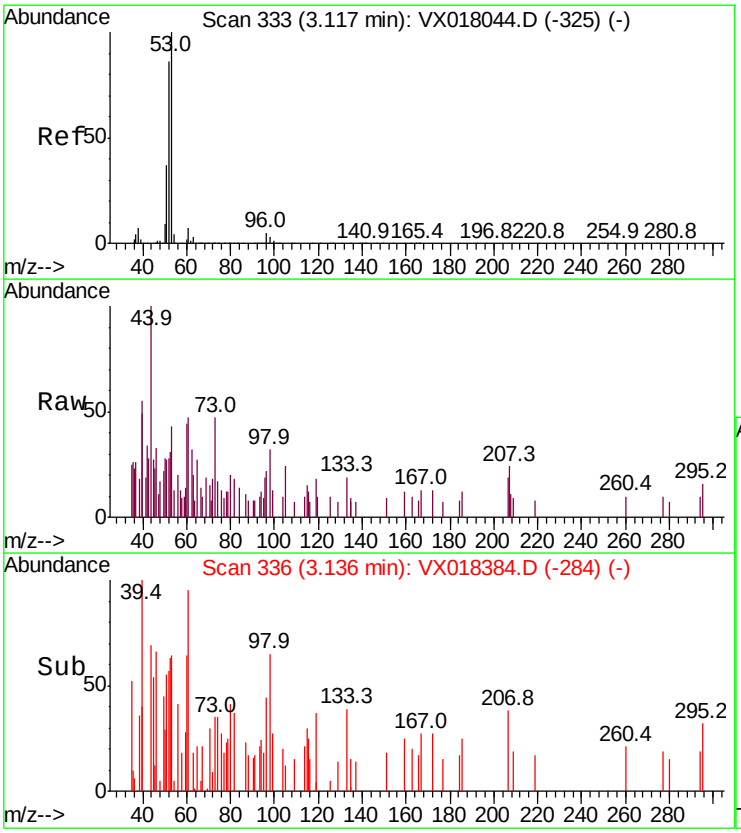
#13
Acrolein
Concen: 1.290 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 623

Ion	Ratio	Lower	Upper
56	100		
55	66.0	57.0	85.6

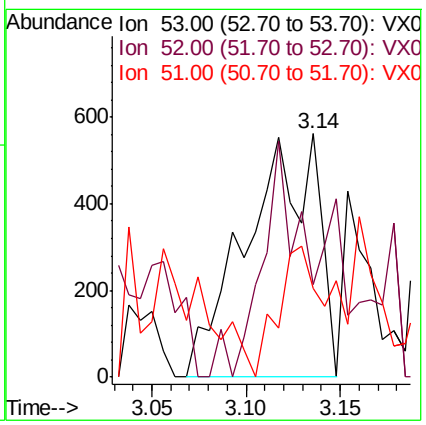


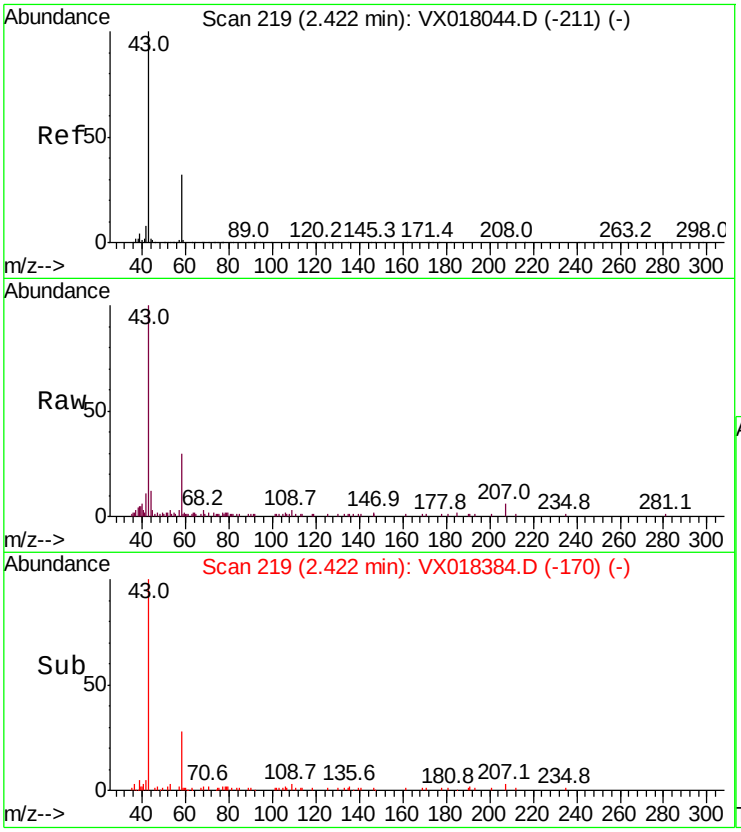


#15
Acrylonitrile
Concen: 0.550 ug/l
RT: 3.14 min Scan# 336
Delta R.T. 0.02 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 53 Resp: 1453

Ion	Ratio	Lower	Upper
53	100		
52	53.5	66.9	100.3#
51	30.6	28.7	43.1



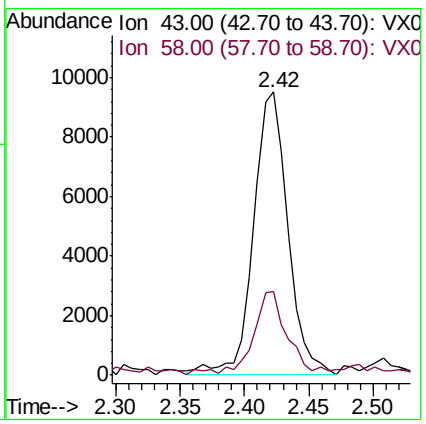


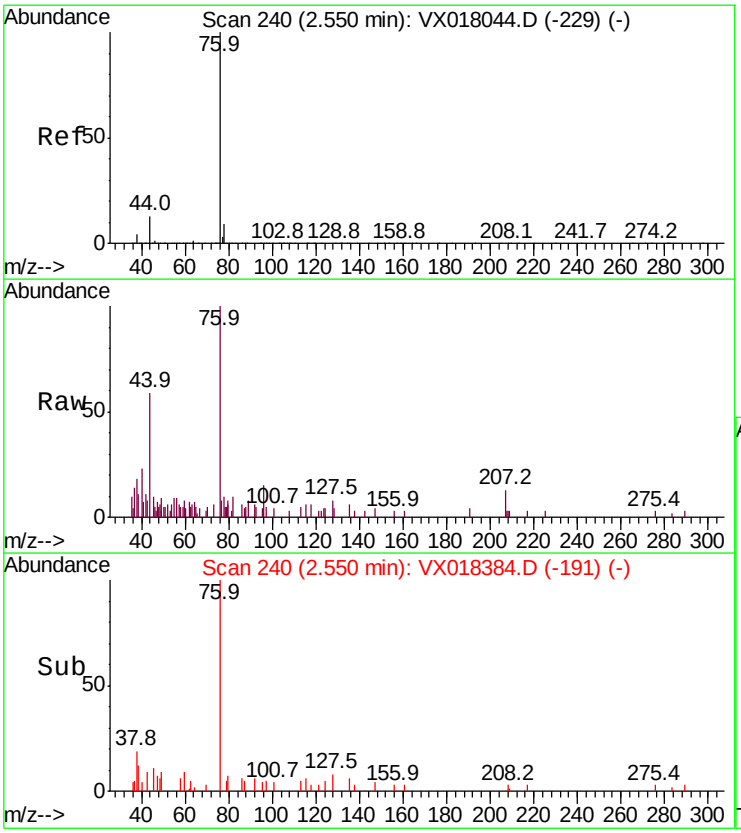
#16
Acetone
Concen: 7.548 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 17613

Ion	Ratio	Lower	Upper
43	100		
58	29.7	25.5	38.3

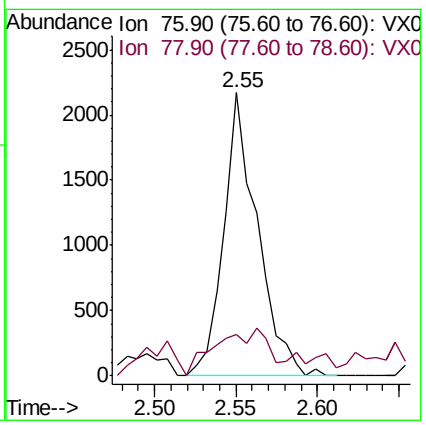


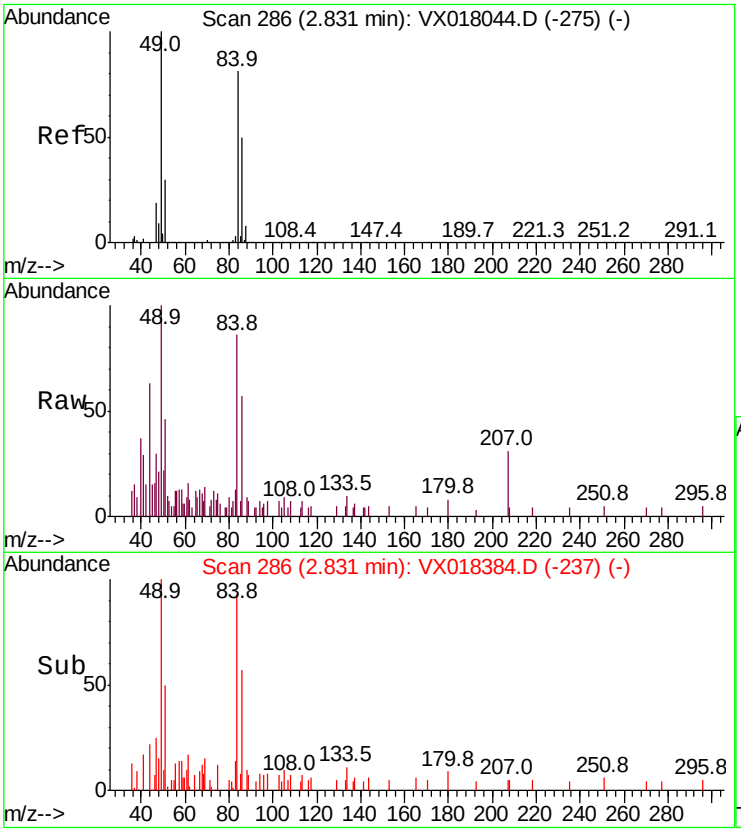


#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 76 Resp: 3118

Ion	Ratio	Lower	Upper
76	100		
78	11.8	7.4	11.0#



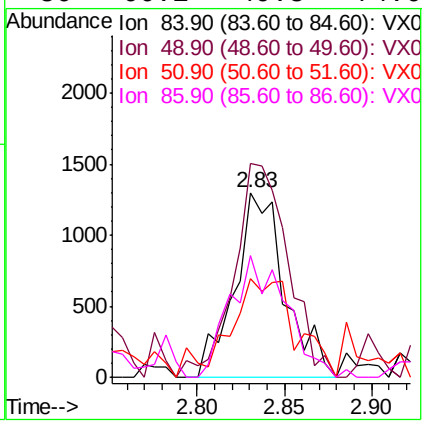


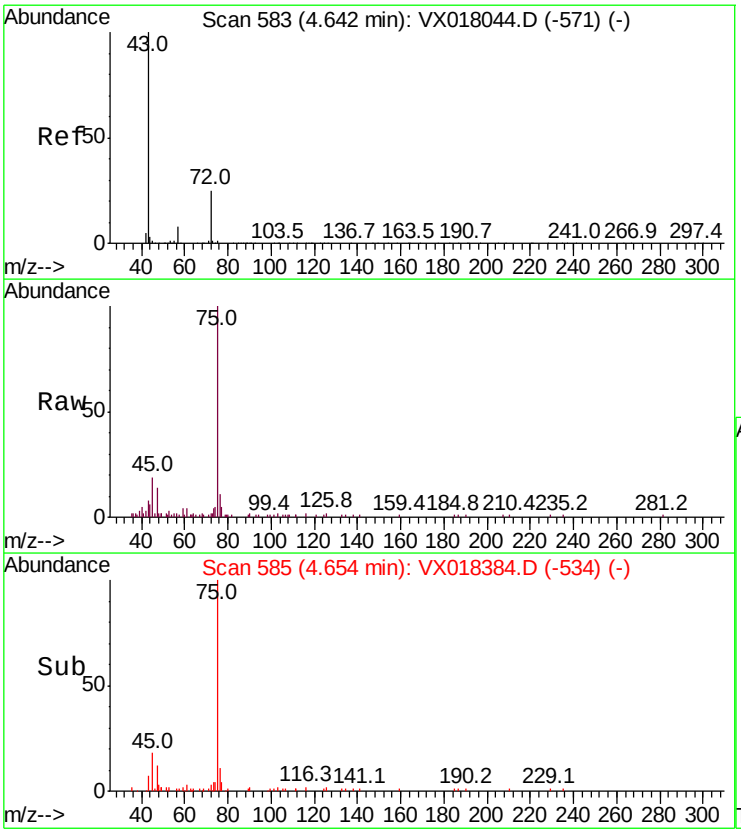
#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2595

Ion	Ratio	Lower	Upper
84	100		
49	115.7	98.6	148.0
51	53.1	29.6	44.4#
86	66.1	49.8	74.6

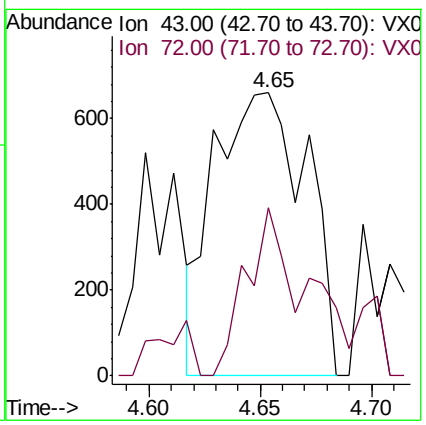


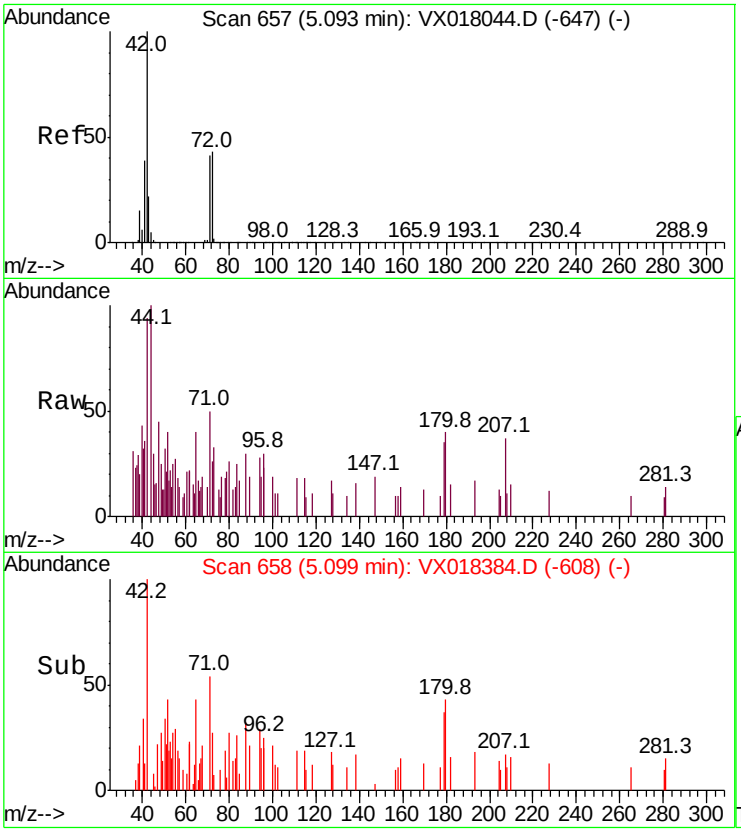


#25
2-Butanone
Concen: 0.496 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 43 Resp: 1903

Ion	Ratio	Lower	Upper
43	100		
72	40.2	19.8	29.6#



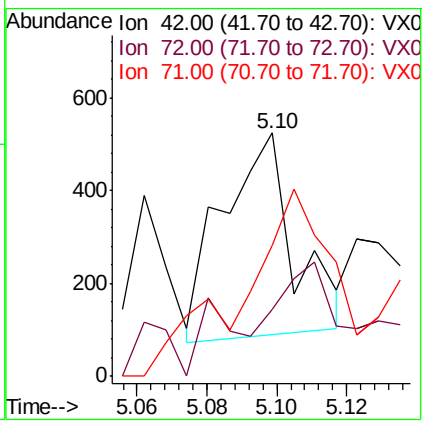


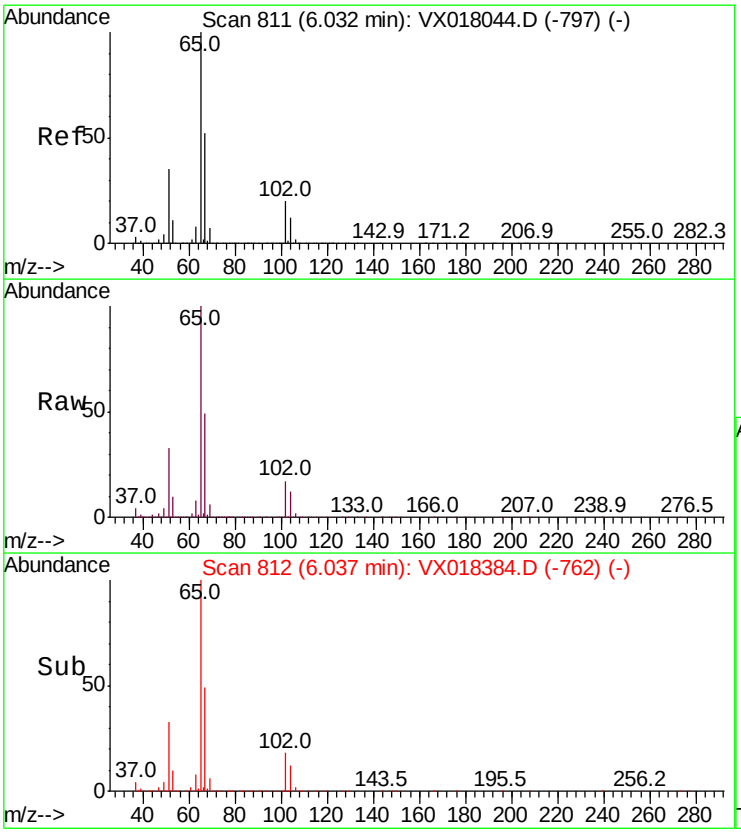
#29
Tetrahydrofuran
Concen: 0.255 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 623

Ion	Ratio	Lower	Upper
42	100		
72	68.2	34.2	51.4#
71	115.7	32.1	48.1#

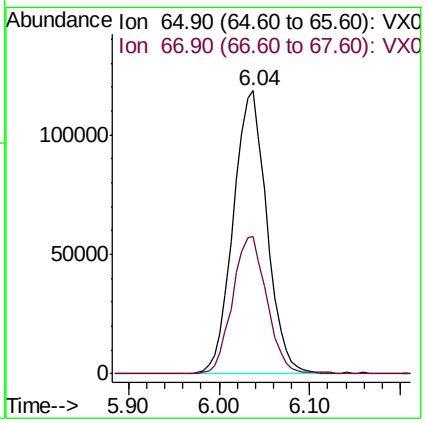


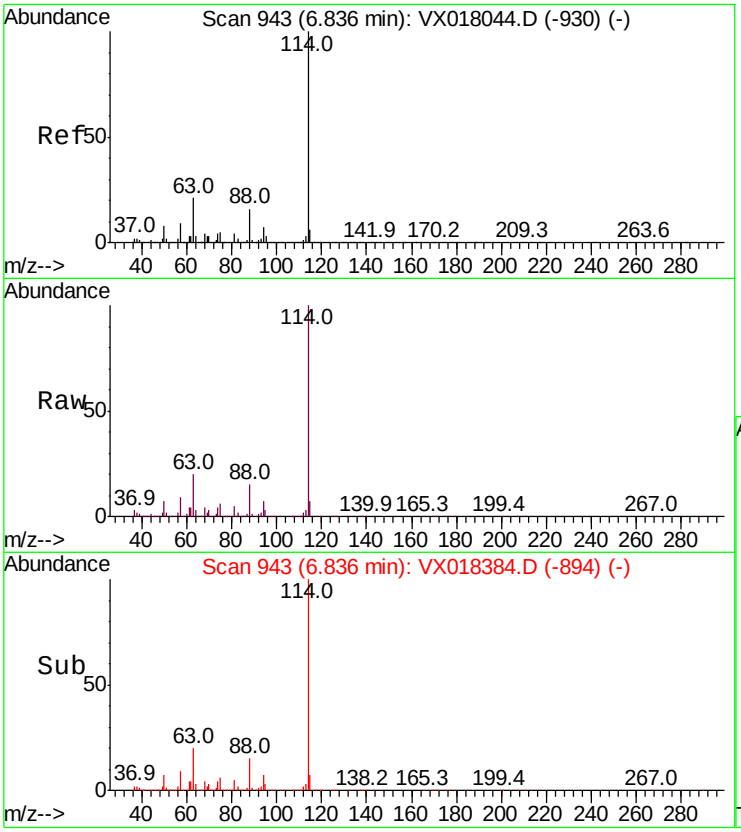


#33
1,2-Dichloroethane-d4
Concen: 50.893 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 65 Resp: 304780

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	105.8



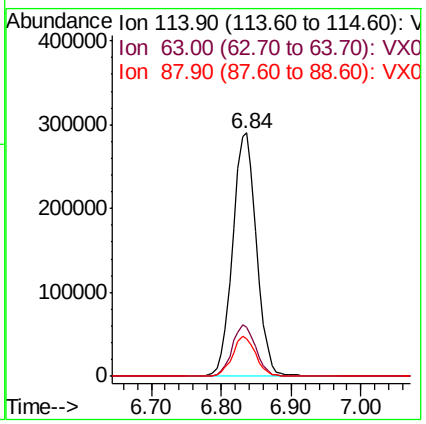


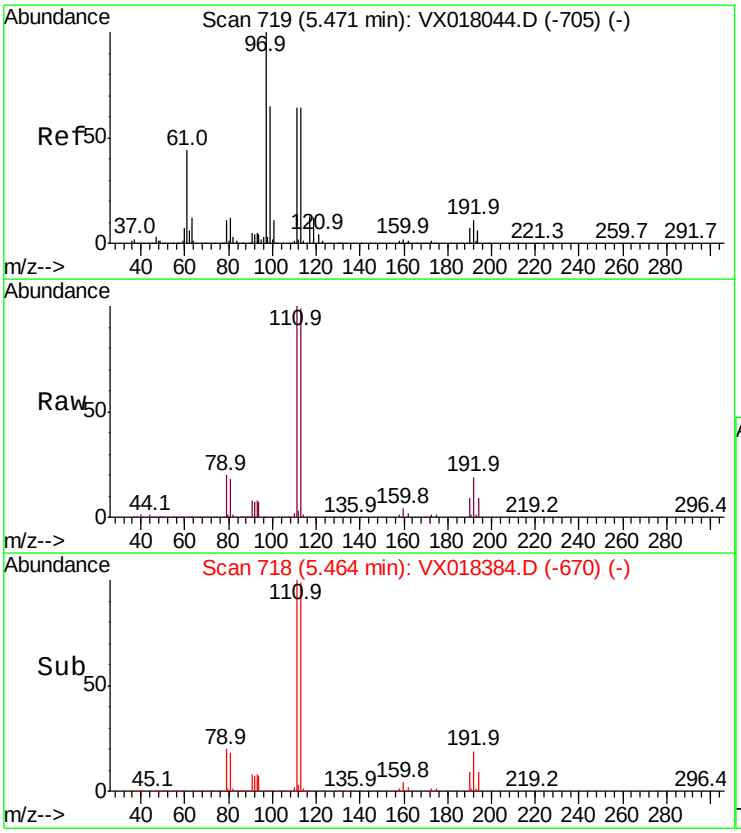
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 684086

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	15.5	0.0	31.8

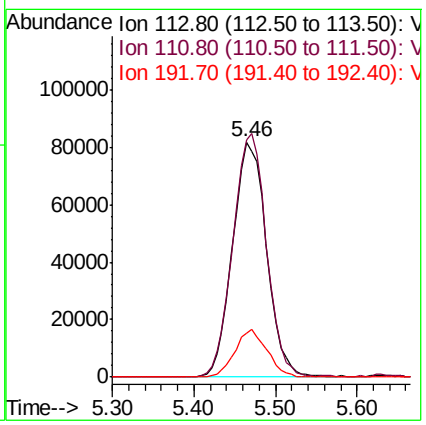


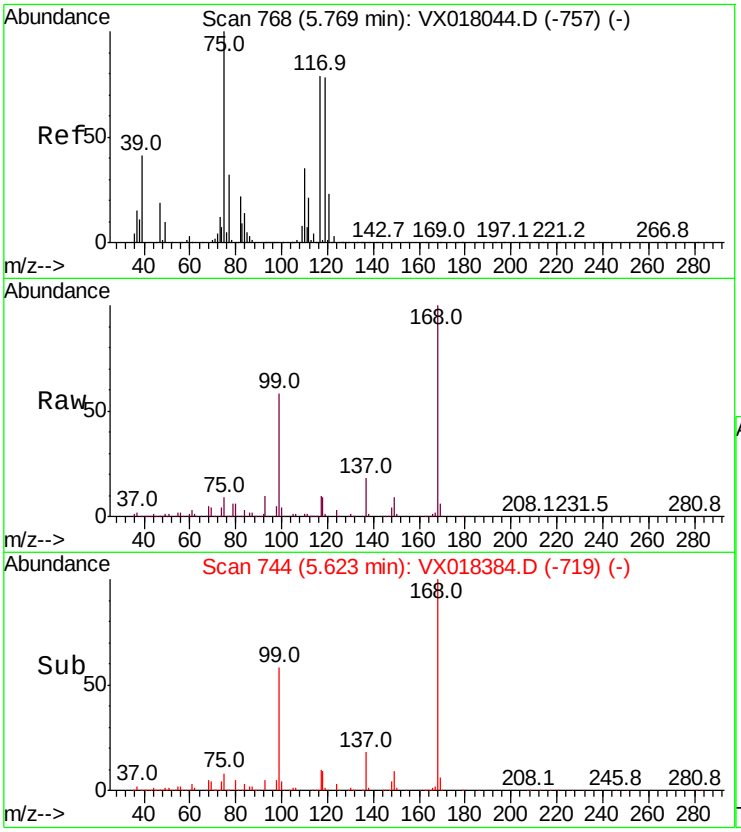


#35
Dibromofluoromethane
Concen: 50.824 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion:113 Resp: 236786

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	19.2	15.8	23.8



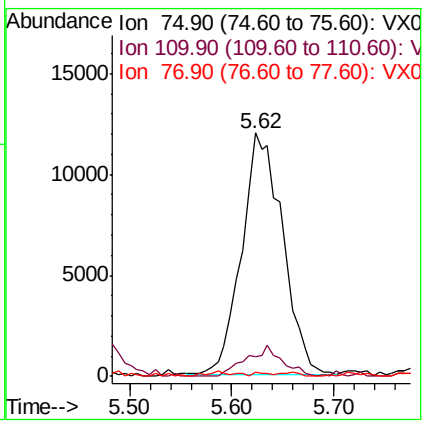


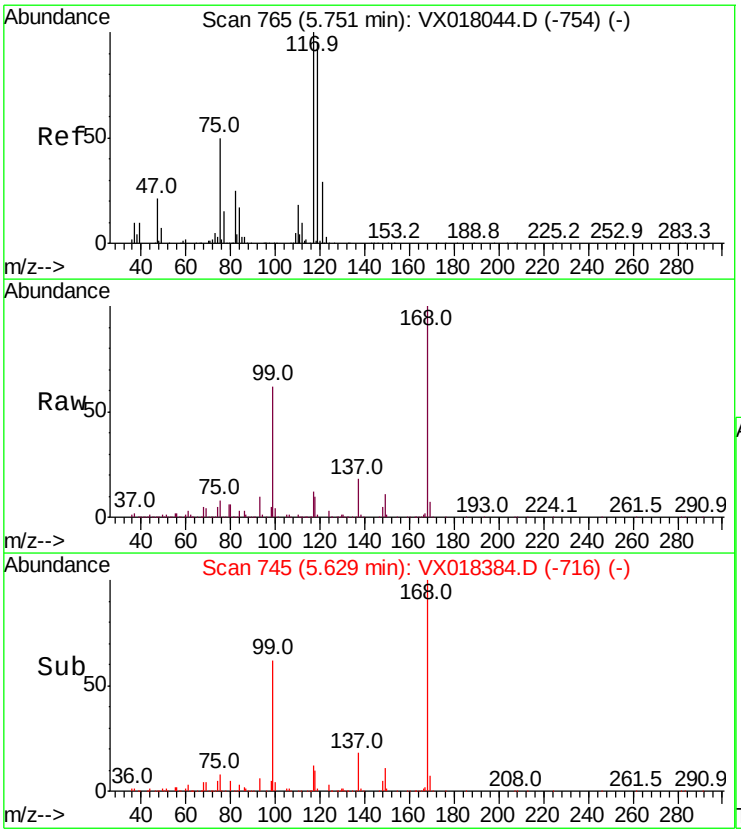
#36
1,1-Dichloropropene
Concen: 5.322 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.15 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33580

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.0	54.0#
77	0.7	24.4	36.6#

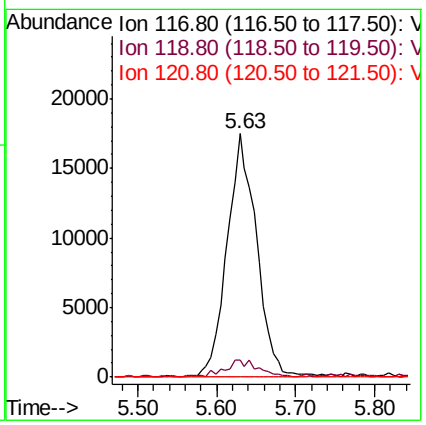


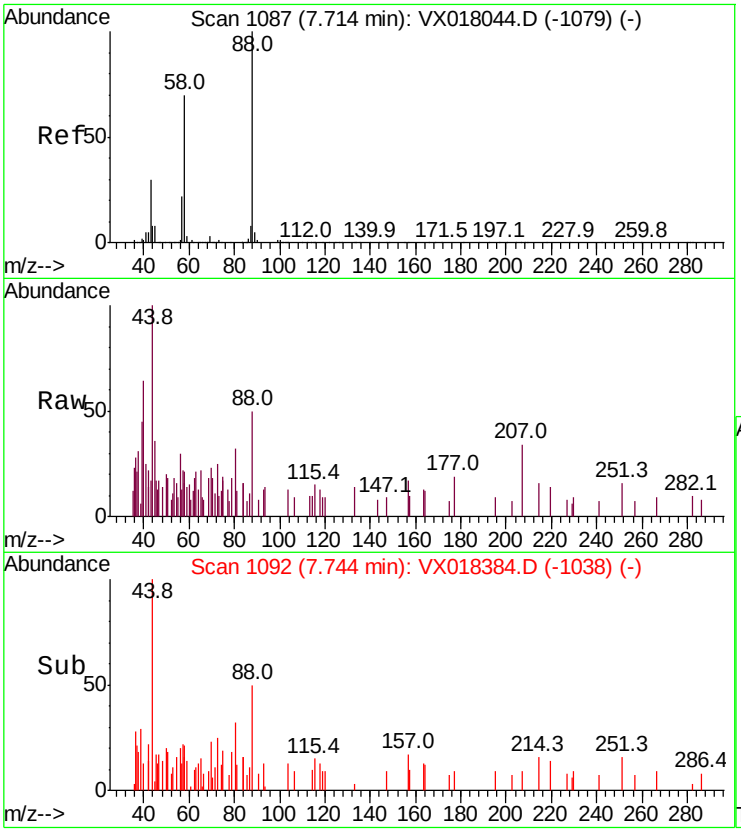


#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion:117 Resp: 45690

Ion	Ratio	Lower	Upper
117	100		
119	6.6	75.8	113.6#
121	0.0	23.4	35.0#



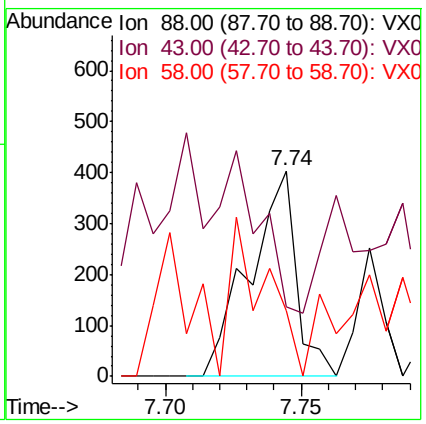


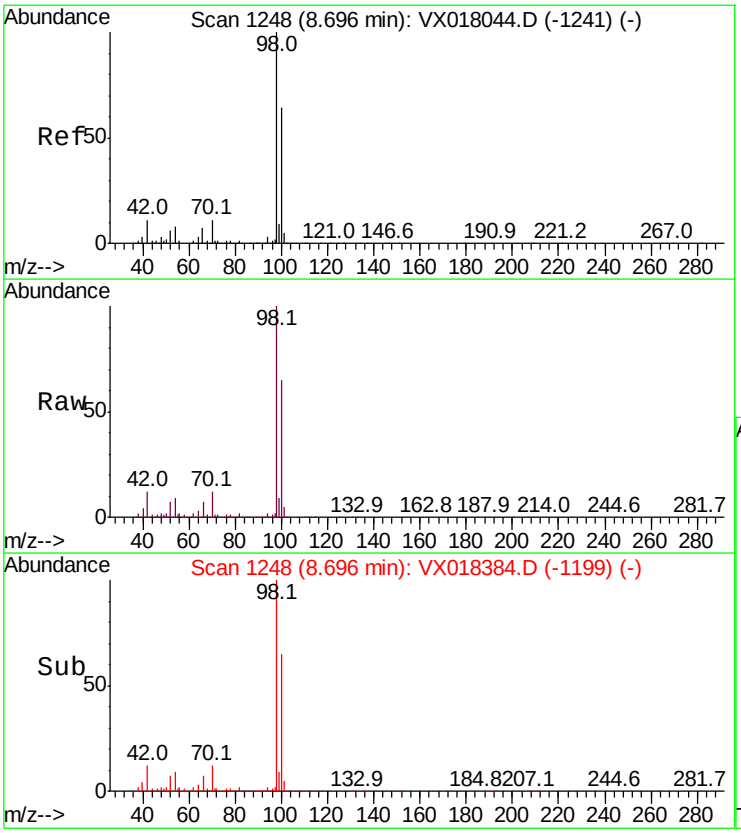
#49
1,4-Dioxane
Concen: 4.507 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 481

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	59.7	56.4	84.6

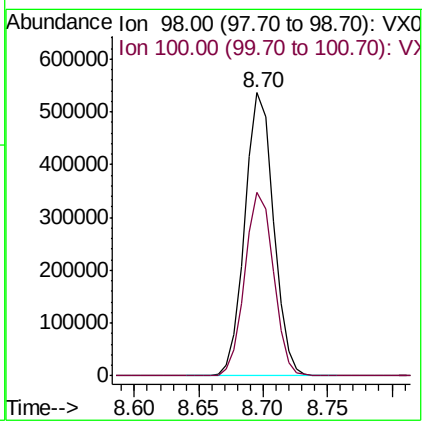


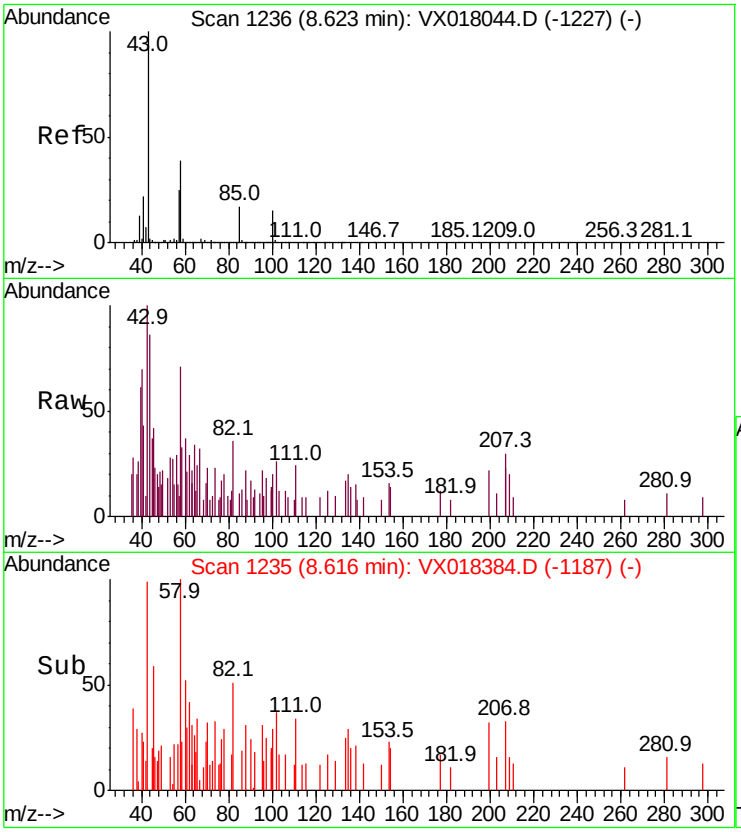


#50
Toluene-d8
Concen: 47.377 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 98 Resp: 822113

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4



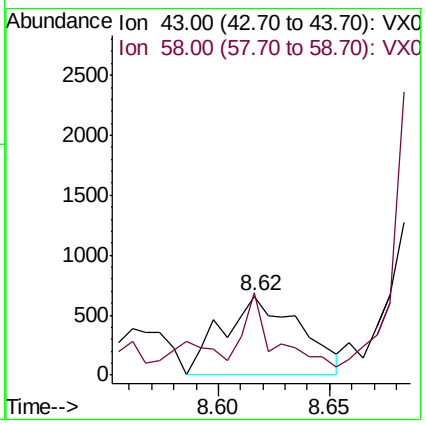


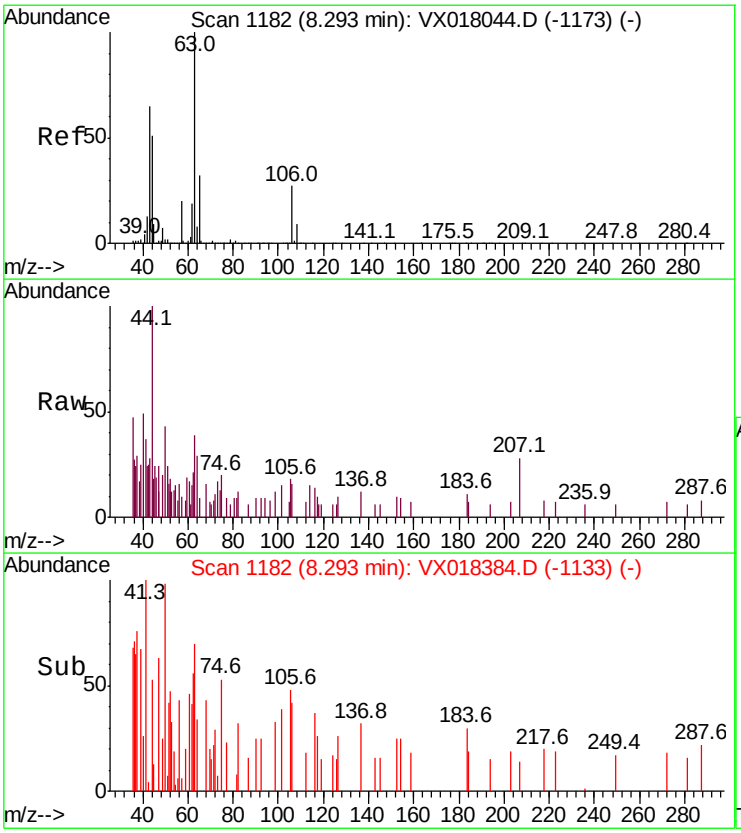
#51
4-Methyl-2-Pentanone
Concen: 0.218 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1595

Ion	Ratio	Lower	Upper
43	100		
58	34.2	30.7	46.1

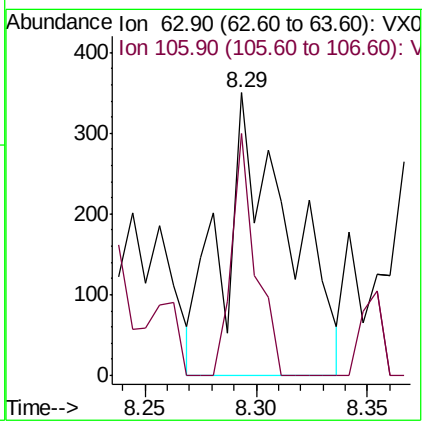


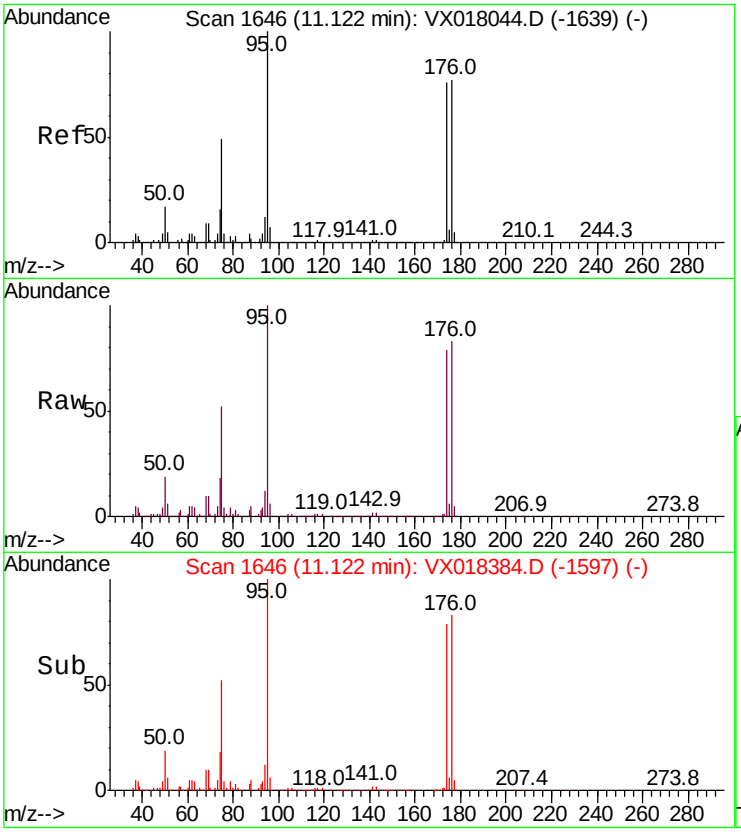


#58
2-Chloroethyl Vinyl ether
Concen: 0.212 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 63 Resp: 712

Ion	Ratio	Lower	Upper
63	100		
106	31.5	22.1	33.1



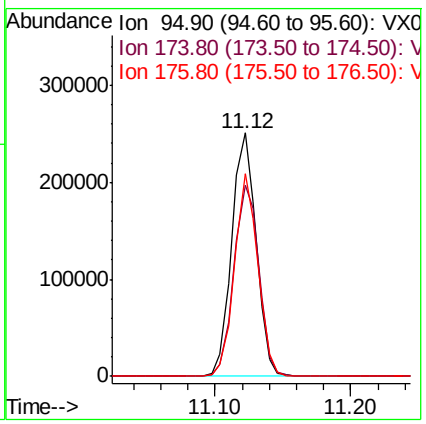


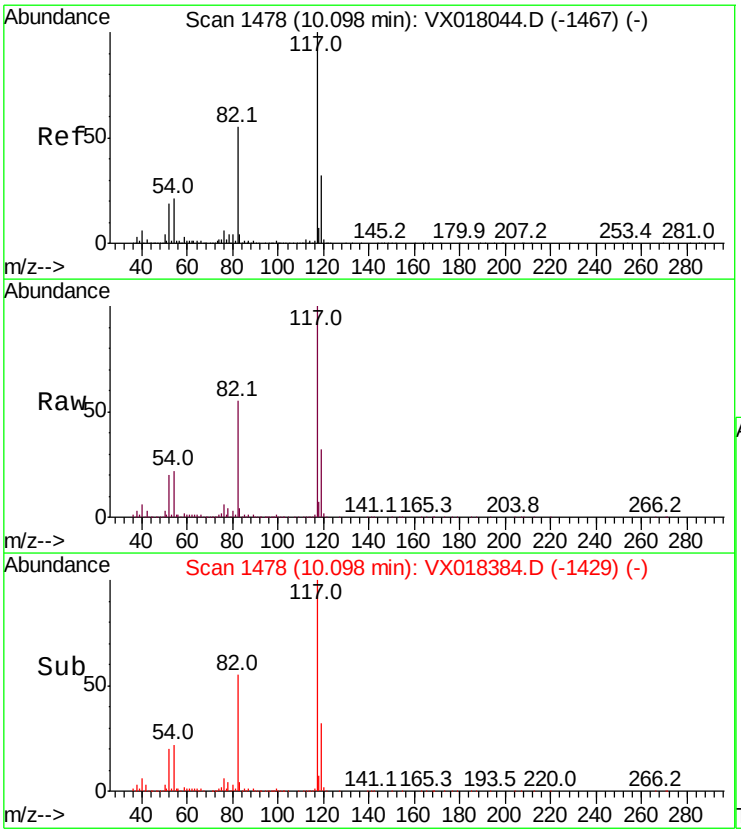
#62
4-Bromofluorobenzene
Concen: 45.894 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 313327

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	160.2
176	79.6	0.0	155.8

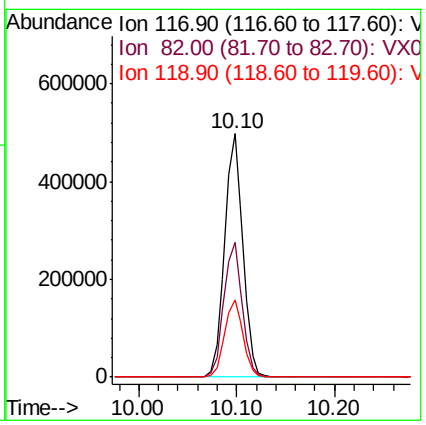


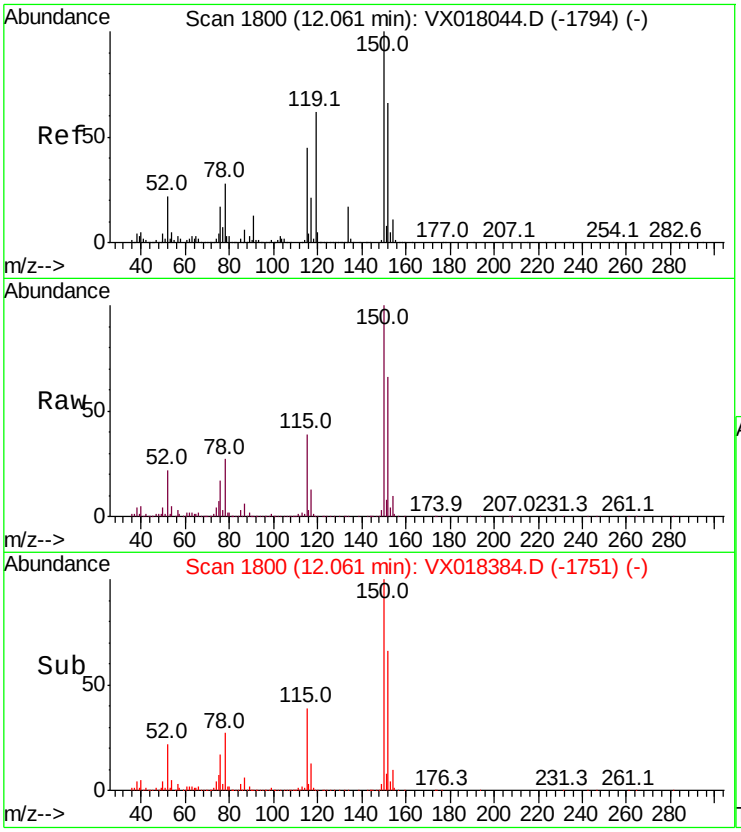


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion:117 Resp: 644912

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.2
119	31.9	25.7	38.5



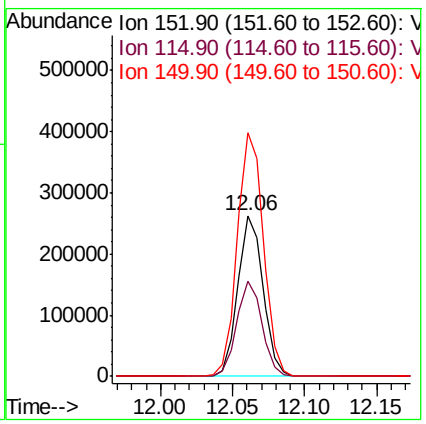


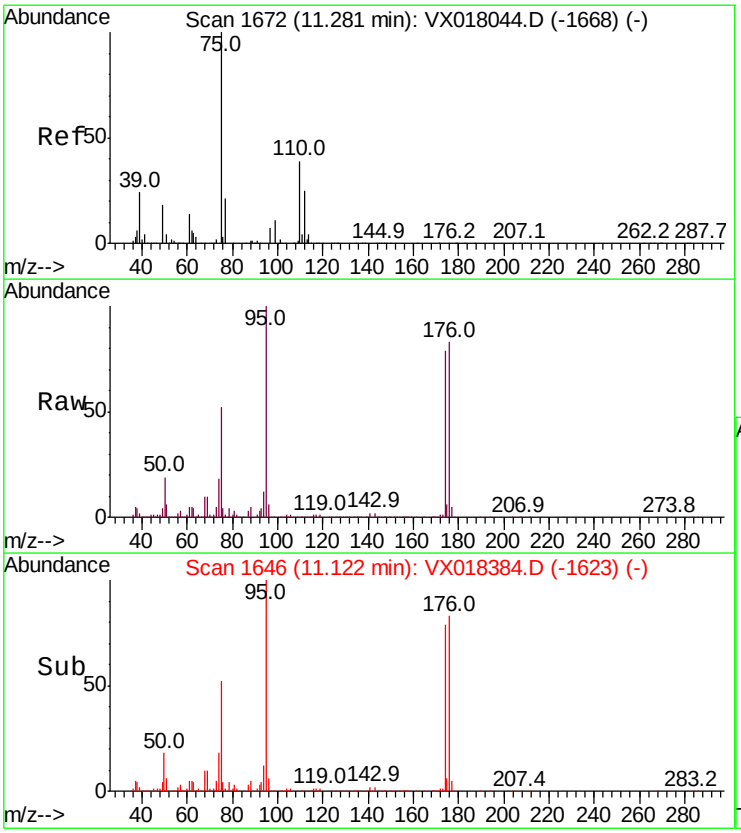
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 320751

Ion	Ratio	Lower	Upper
152	100		
115	59.3	41.5	124.5
150	156.3	0.0	343.8

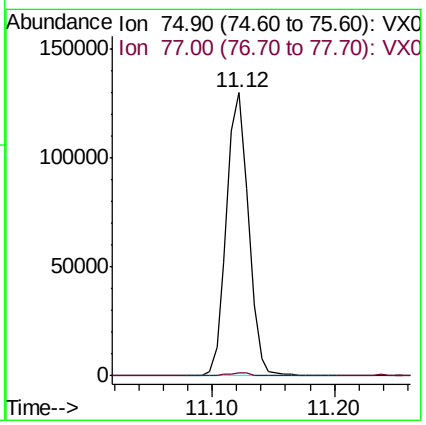


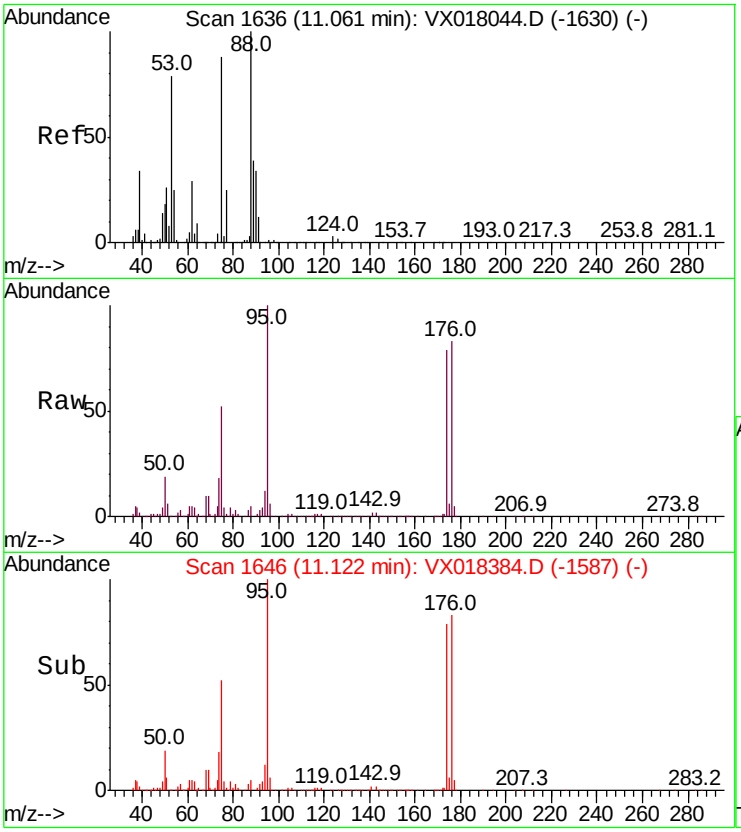


#76
1,2,3-Trichloropropane
Concen: 22.658 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 75 Resp: 161672

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.2#



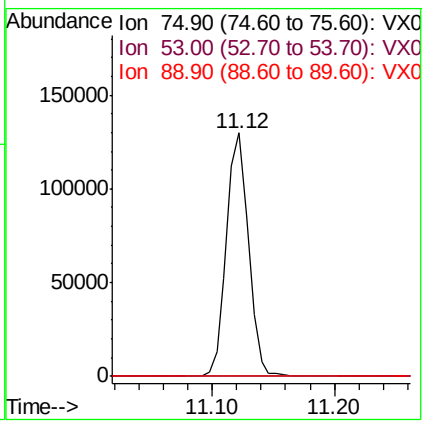


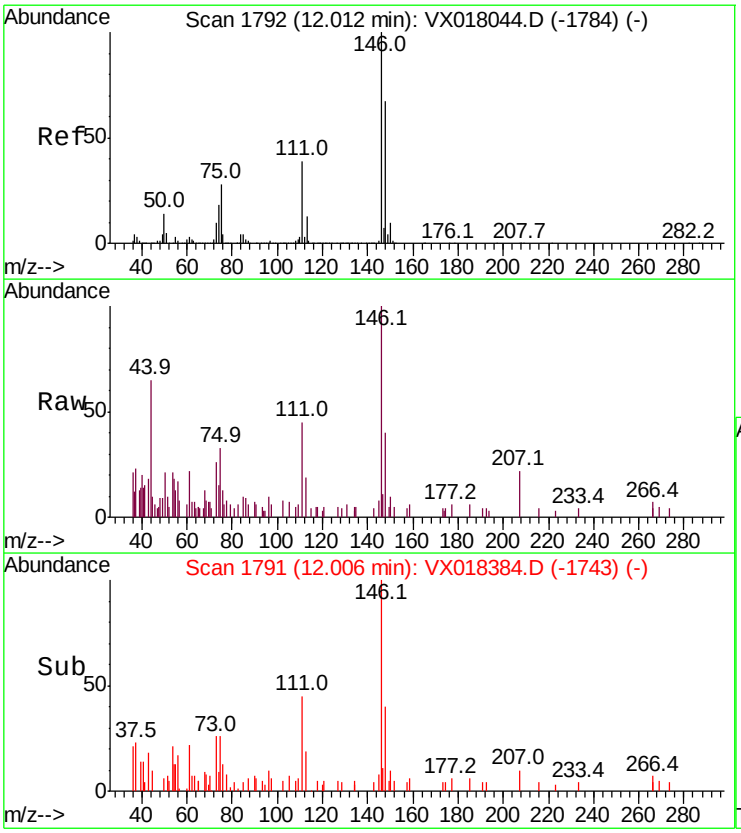
#81
trans-1,4-Dichloro-2-butene
Concen: 61.196 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 161672

Ion	Ratio	Lower	Upper
75	100		
53	0.6	74.7	112.1#
89	0.1	36.6	54.8#

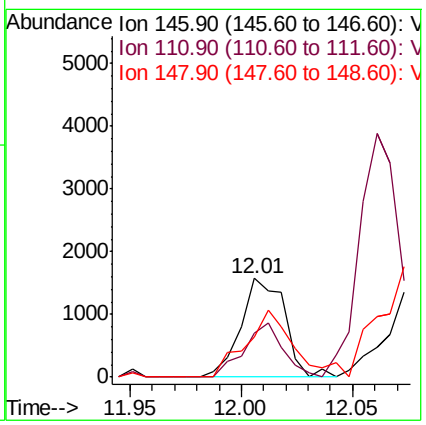


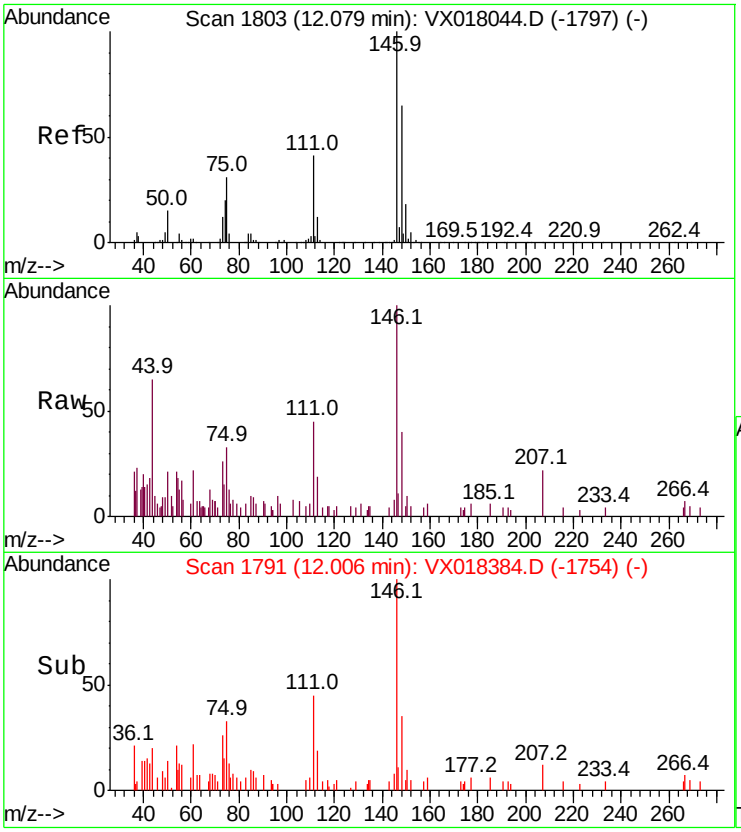


#87
1,3-Dichlorobenzene
Concen: 0.211 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion:146 Resp: 2164

Ion	Ratio	Lower	Upper
146	100		
111	48.8	20.6	61.8
148	69.5	33.1	99.2



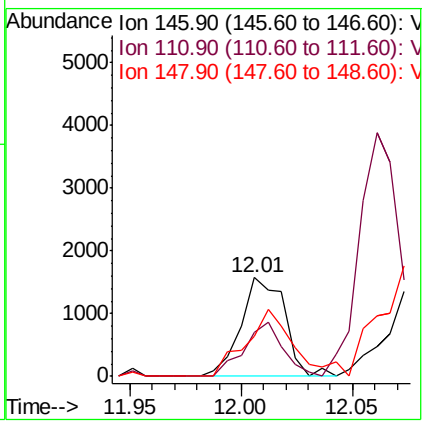


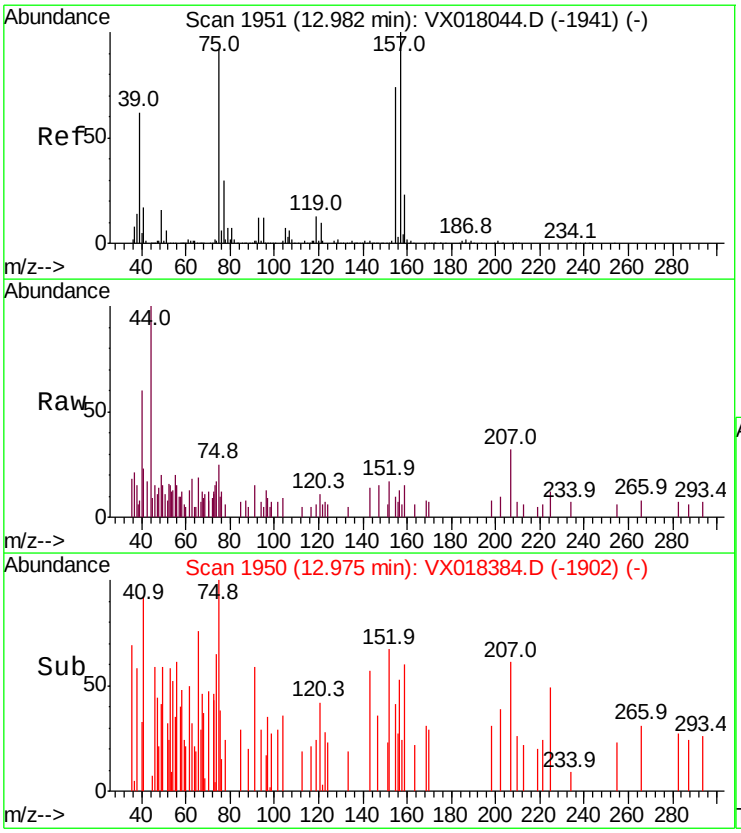
#88
1,4-Dichlorobenzene
Concen: 0.210 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.07 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2164

Ion	Ratio	Lower	Upper
146	100		
111	48.8	20.3	60.8
148	69.5	33.1	99.2

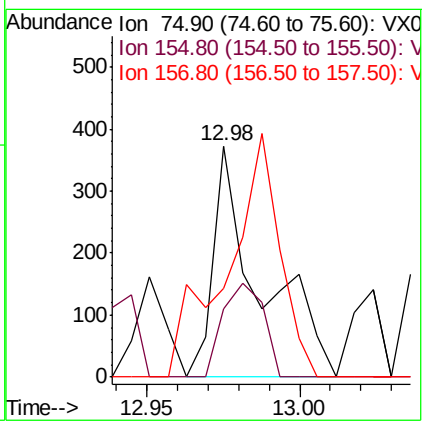


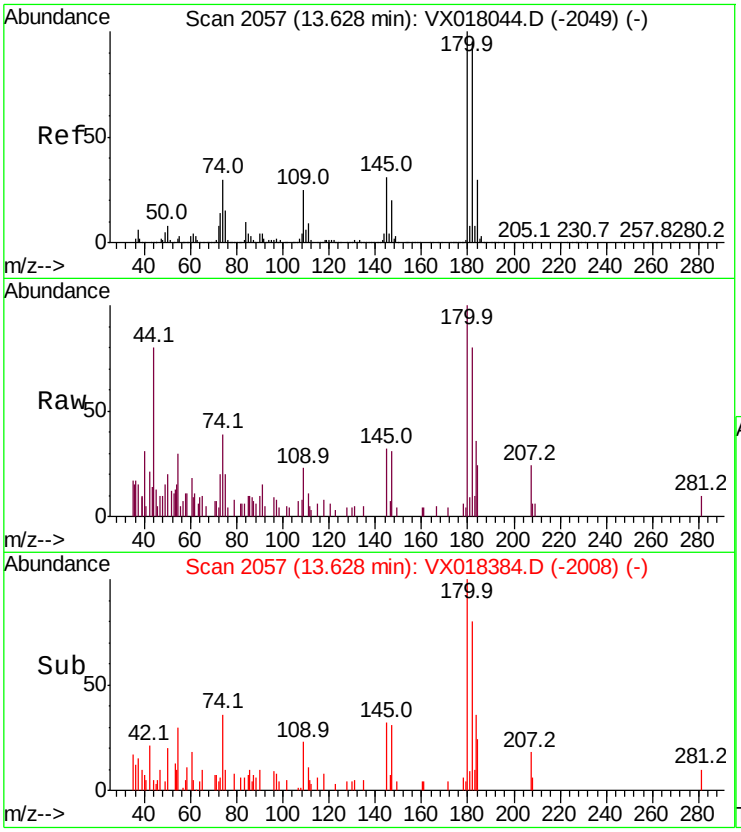


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.213 ug/l
RT: 12.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion: 75 Resp: 398

Ion	Ratio	Lower	Upper
75	100		
155	35.2	40.2	120.6#
157	118.8	55.0	165.2



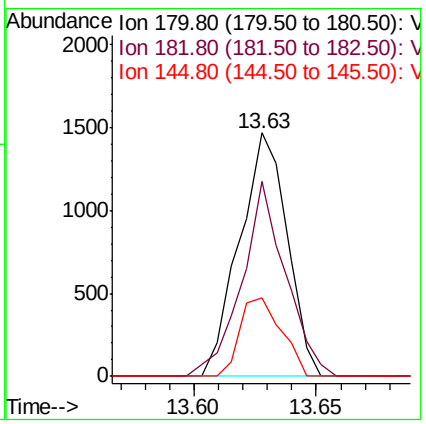


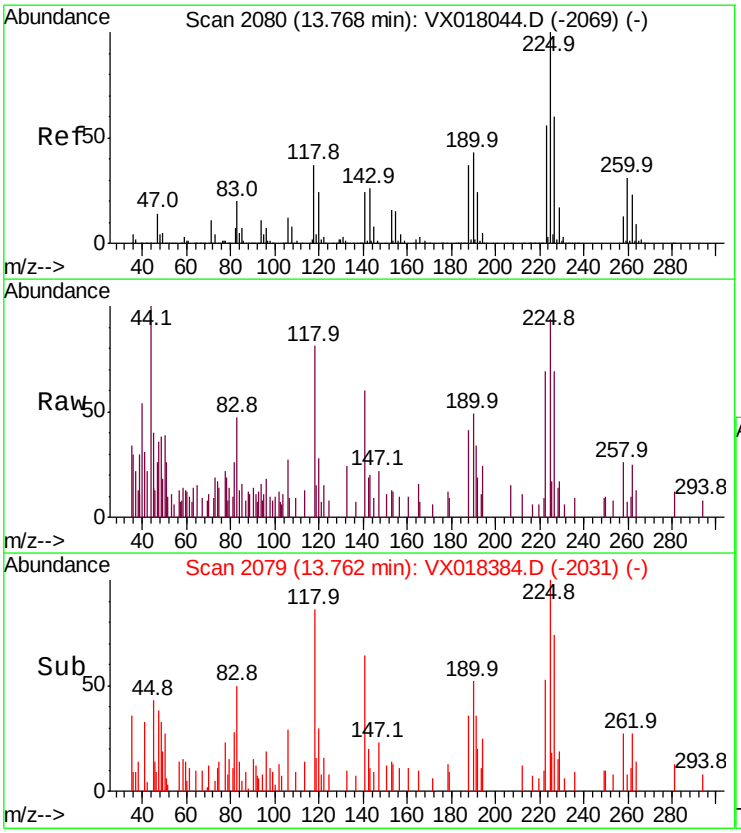
#93
1,2,4-Trichlorobenzene
Concen: 0.310 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1995

Ion	Ratio	Lower	Upper
180	100		
182	73.3	47.5	142.6
145	27.9	15.7	47.1

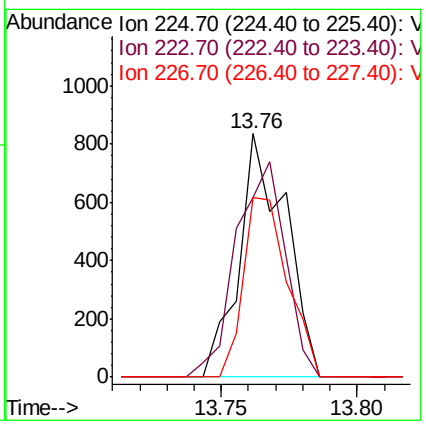


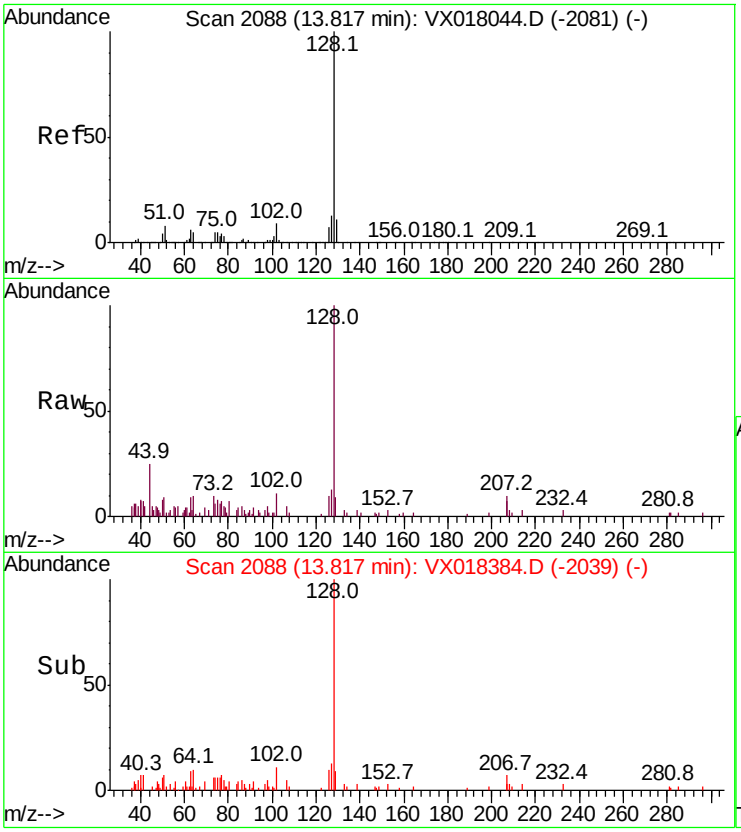


#94
Hexachlorobutadiene
Concen: 0.389 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion:225 Resp: 990

Ion	Ratio	Lower	Upper
225	100		
223	93.3	30.7	92.1#
227	70.1	32.6	97.8



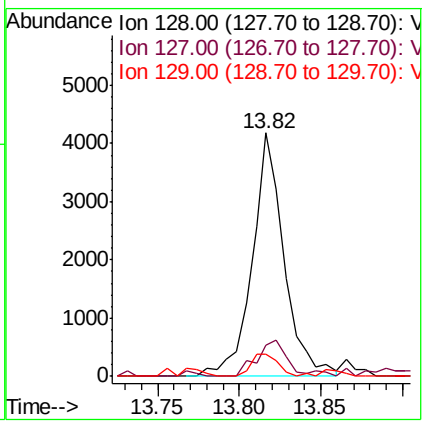


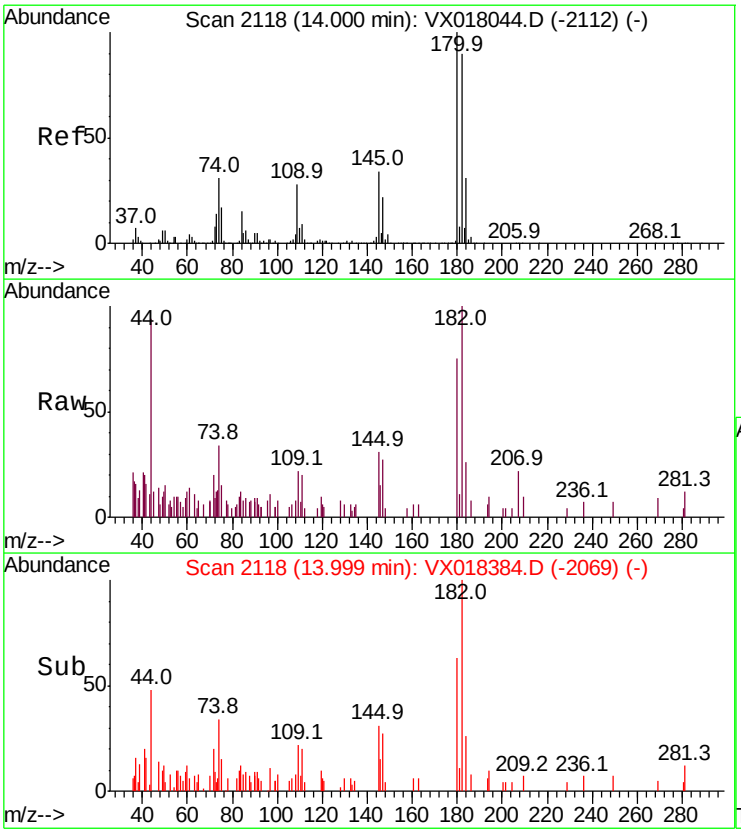
#95
Naphthalene
Concen: 0.267 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 5653

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	7.9	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.257 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018384.D
Acq: 14 Sep 2020 15:27

Tgt Ion:180 Resp: 1636

Ion	Ratio	Lower	Upper
180	100		
182	108.9	47.3	142.0
145	48.4	17.5	52.6