Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
Data File : VX0144470.D
Acq On : 08 Jan 2020 14:48
Operator : JC/SP
Sample : L1017-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 08 15:46:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	526415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	800220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	724120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	280862	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.58%			
35) Dibromofluoromethane	5.49	113	239169	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.74%			
50) Toluene-d8	8.71	98	950885	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
62) 4-Bromofluorobenzene	11.13	95	324349	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.17	85	261	0.292	ug/l #	1
5) Bromomethane	1.64	94	1088	0.220	ug/l	82
6) Chloroethane	1.72	64	478	Below Cal	#	43
8) Diethyl Ether	2.19	74	1865	0.482	ug/l	59
10) Methyl Iodide	2.51	142	1244	0.201	ug/l #	65
11) Tert butyl alcohol	3.00	59	1092	0.890	ug/l #	39
13) Acrolein	2.27	56	201	0.204	ug/l #	1
16) Acetone	2.43	43	700114	237.396	ug/l	100
18) Methyl Acetate	2.76	43	5452	0.645	ug/l	91
20) Methylene Chloride	2.85	84	10394	1.758	ug/l	94
25) 2-Butanone	4.67	43	3908	0.890	ug/l #	70
36) 1,1-Dichloropropene	5.65	75	35756	4.751	ug/l #	51
38) Carbon Tetrachloride	5.65	117	44797	6.469	ug/l #	18
43) Isopropyl Acetate	6.43	43	125716	9.521	ug/l	98
48) Methyl methacrylate	7.67	41	6838	1.081	ug/l #	18
49) 1,4-Dioxane	7.73	88	195	1.455	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	118539	14.732	ug/l #	49
54) cis-1,3-Dichloropropene	8.60	75	55004	6.048	ug/l #	57
58) 2-Chloroethyl Vinyl ether	8.32	63	602	0.201	ug/l	93
59) 2-Hexanone	9.43	43	143660	22.564	ug/l #	23
74) N-amyl acetate	10.82	43	4900	0.479	ug/l #	50
76) 1,2,3-Trichloropropane	11.13	75	155605	22.755	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	155605	60.160	ug/l #	12
88) 1,4-Dichlorobenzene	12.09	146	1050	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	13.64	180	638	Below Cal	#	72
96) 1,2,3-Trichlorobenzene	14.02	180	624	Below Cal	#	53

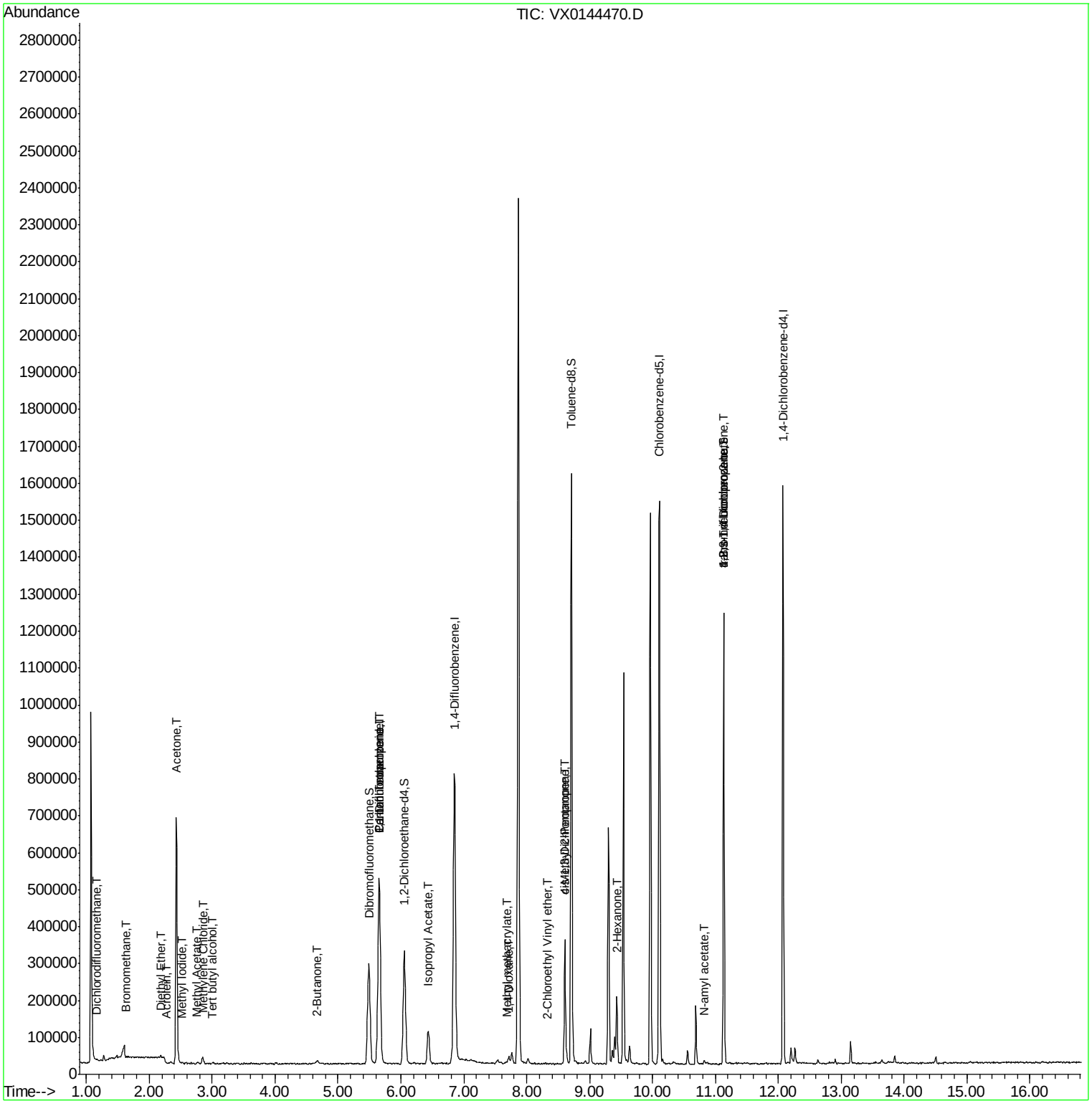
(#) = qualifier out of range (m) = manual integration (+) = signals summed

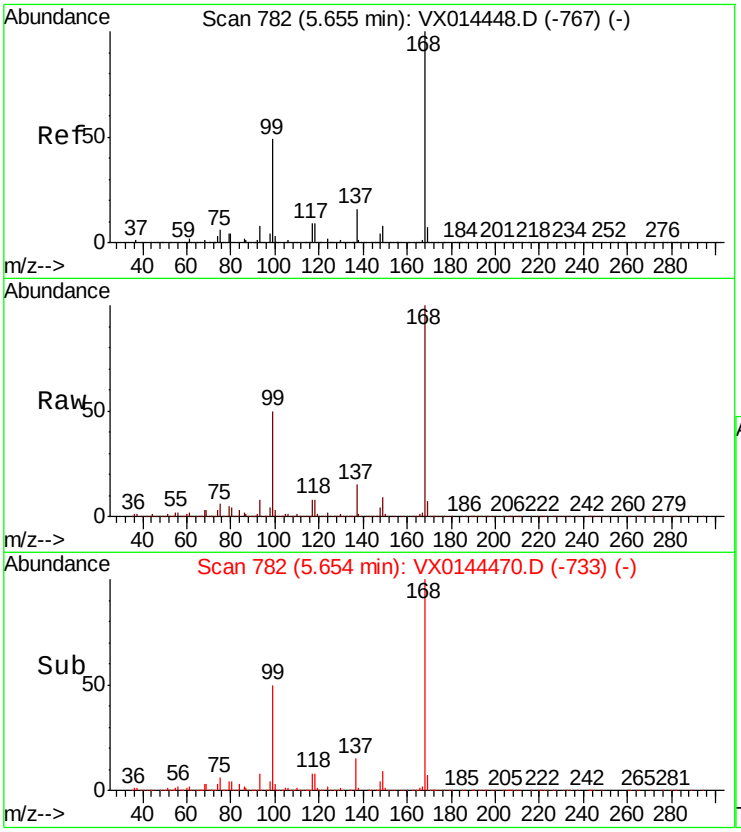
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
Data File : VX0144470.D
Acq On : 08 Jan 2020 14:48
Operator : JC/SP
Sample : L1017-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 08 15:46:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration



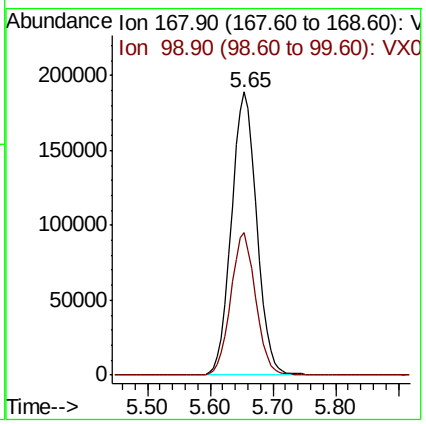


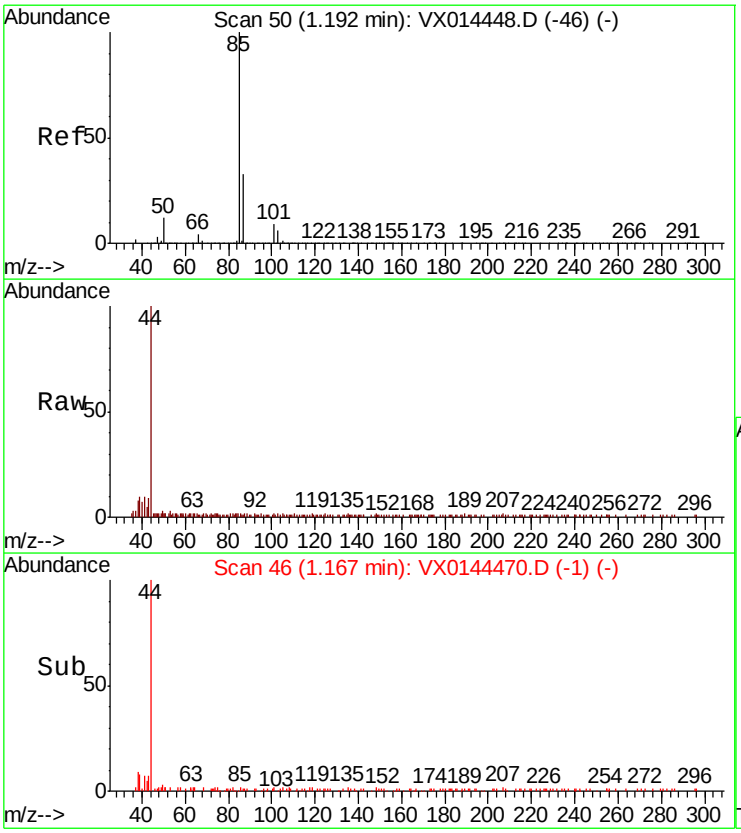
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 526415

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.2	58.8

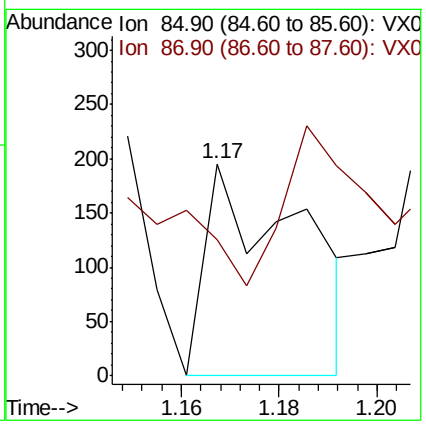


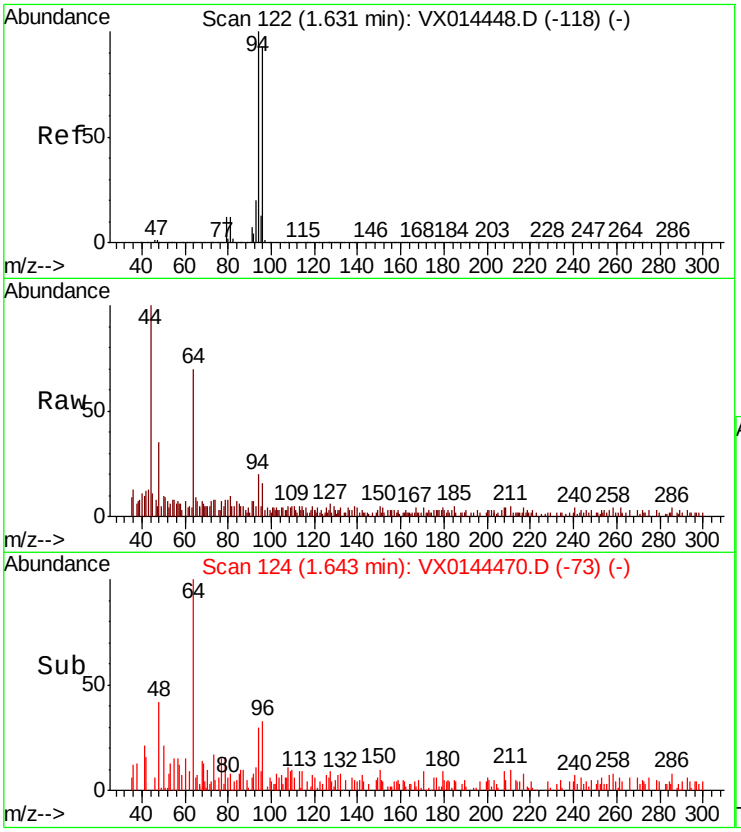


#2
Dichlorodifluoromethane
Concen: 0.292 ug/l
RT: 1.17 min Scan# 46
Delta R.T. -0.02 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 85 Resp: 261

Ion	Ratio	Lower	Upper
85	100		
87	101.5	16.5	49.5#



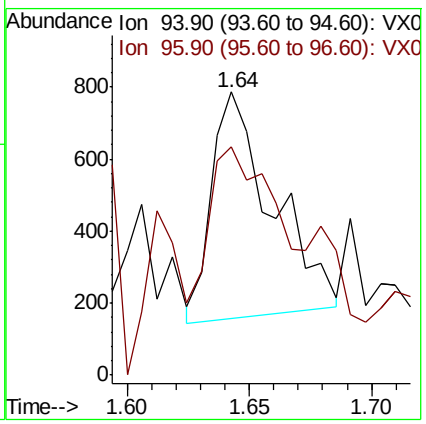


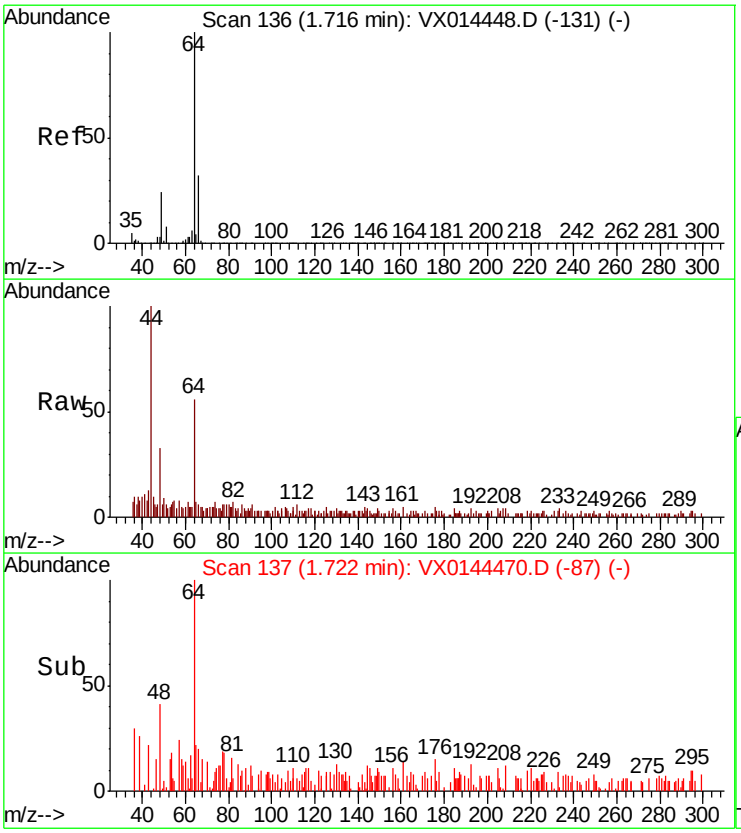
#5
Bromomethane
Concen: 0.220 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1088

Ion	Ratio	Lower	Upper
94	100		
96	75.4	74.2	111.2

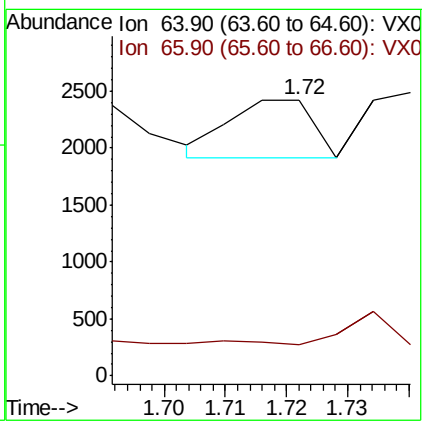


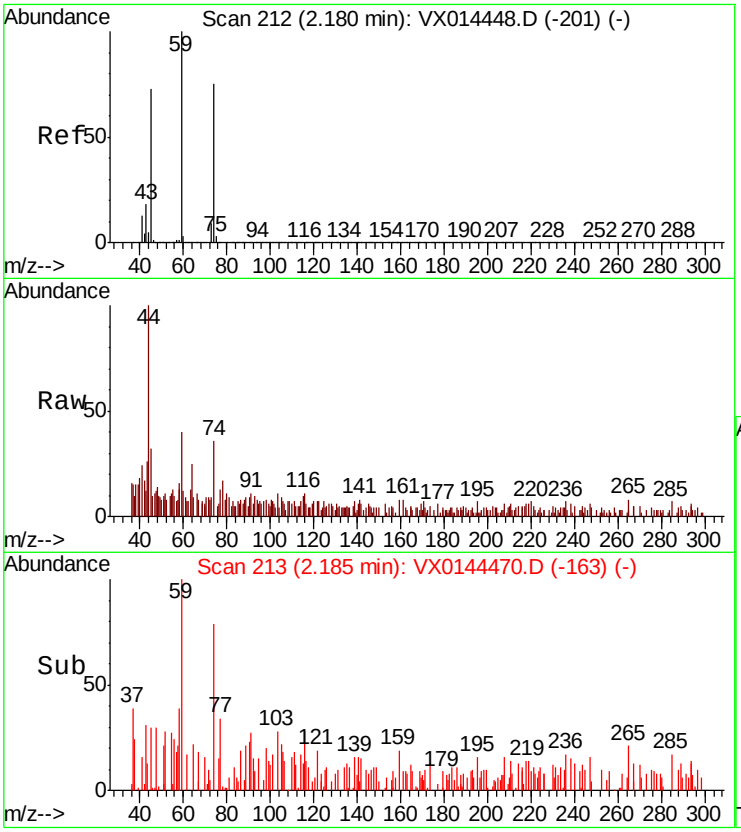


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 64 Resp: 478

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



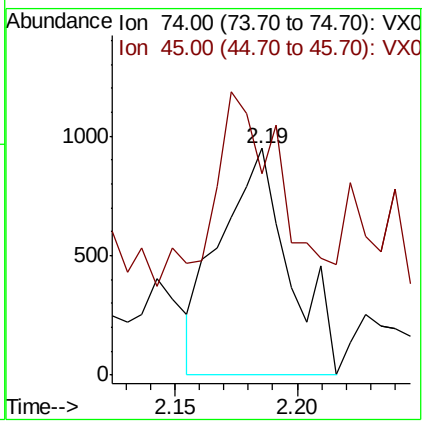


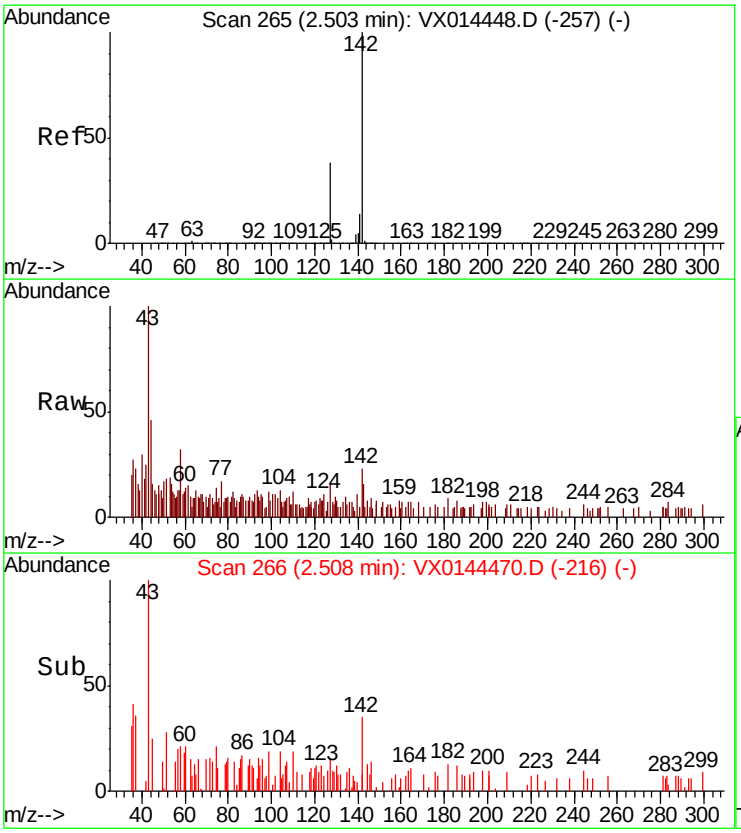
#8
Diethyl Ether
Concen: 0.482 ug/l
RT: 2.19 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 1865

Ion	Ratio	Lower	Upper
74	100		
45	56.7	48.7	146.1

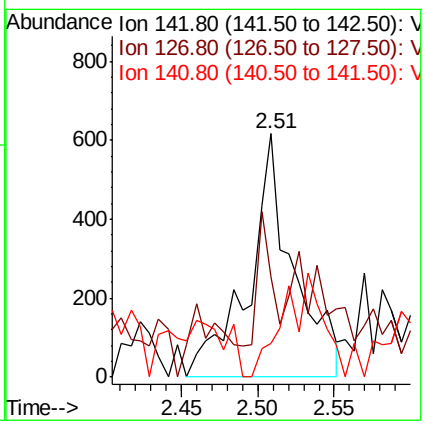


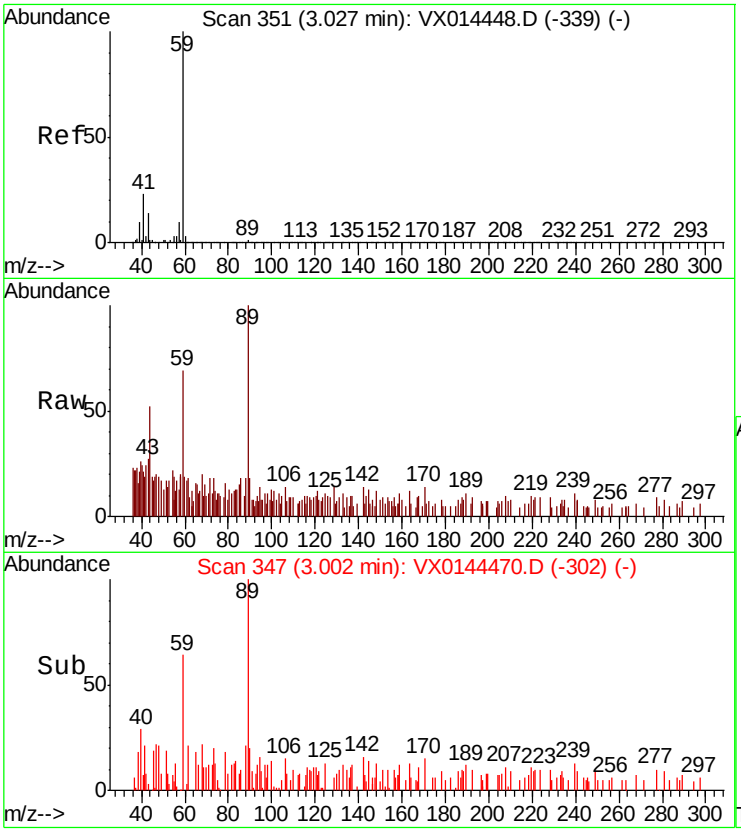


#10
Methyl Iodide
Concen: 0.201 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion:142 Resp: 1244

Ion	Ratio	Lower	Upper
142	100		
127	17.3	31.2	46.8#
141	0.0	11.4	17.2#



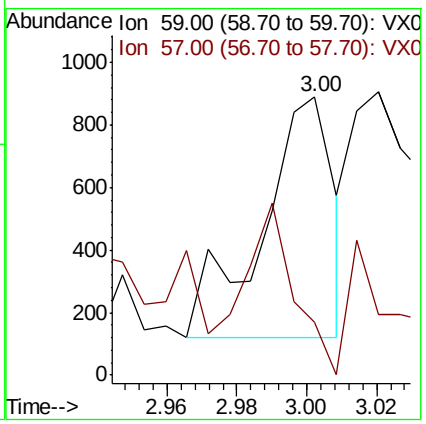


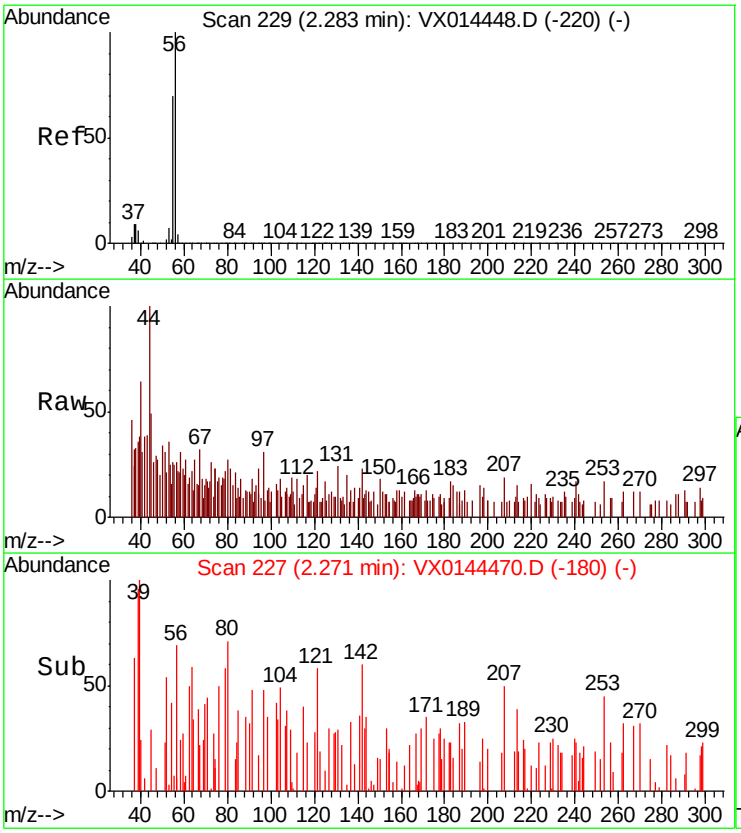
#11
Tert butyl alcohol
Concen: 0.890 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1092

Ion	Ratio	Lower	Upper
59	100		
57	33.6	8.5	12.7#

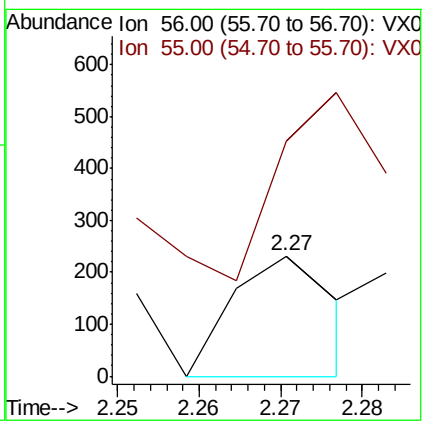


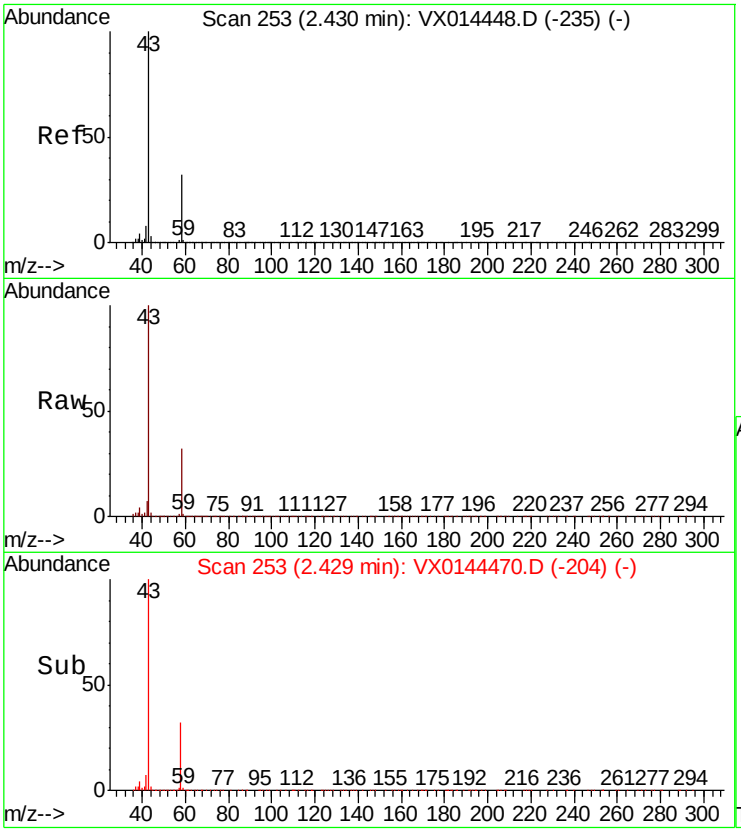


#13
Acrolein
Concen: 0.204 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 56 Resp: 201

Ion	Ratio	Lower	Upper
56	100		
55	201.5	55.0	82.6#



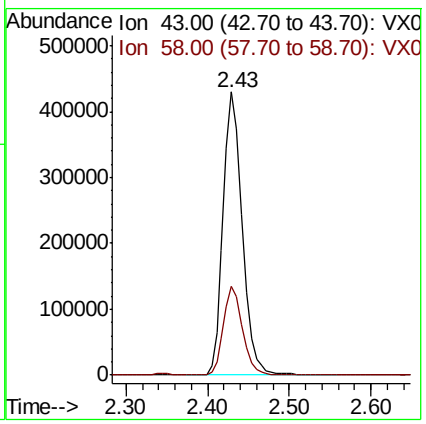


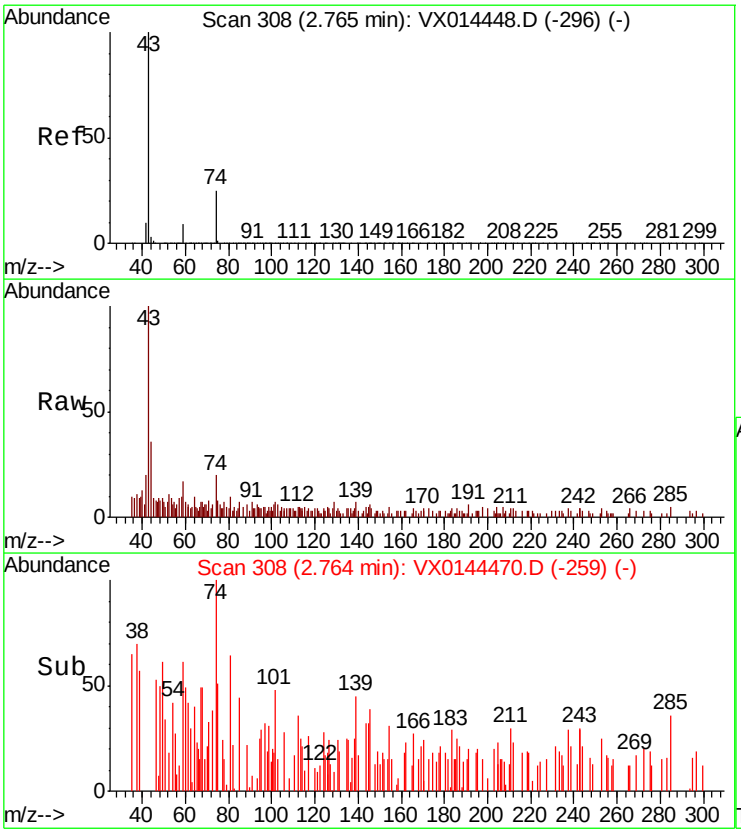
#16
Acetone
Concen: 237.396 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 700114

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.4	38.0

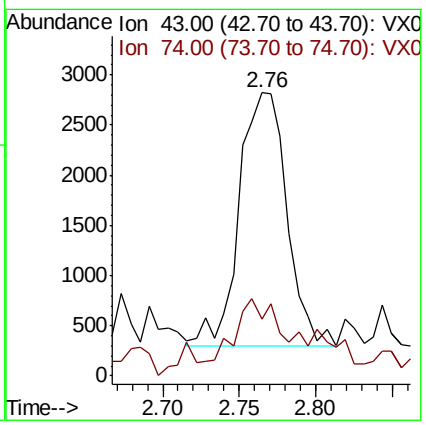


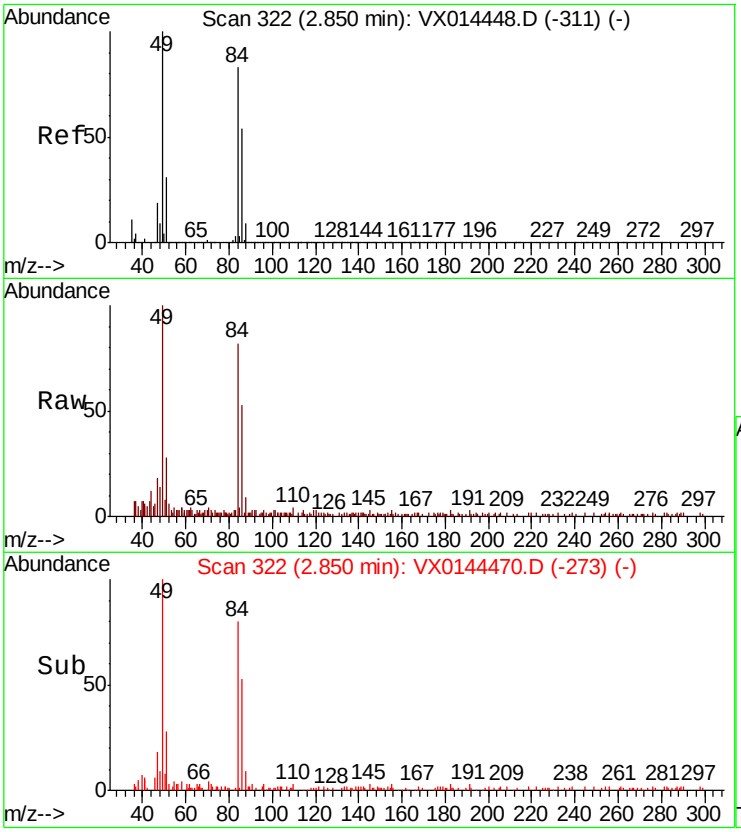


#18
Methyl Acetate
Concen: 0.645 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 43 Resp: 5452

Ion	Ratio	Lower	Upper
43	100		
74	19.7	19.4	29.2



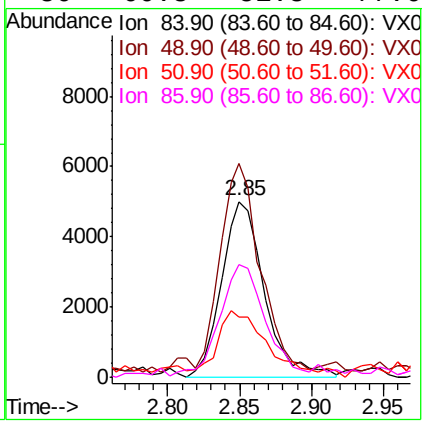


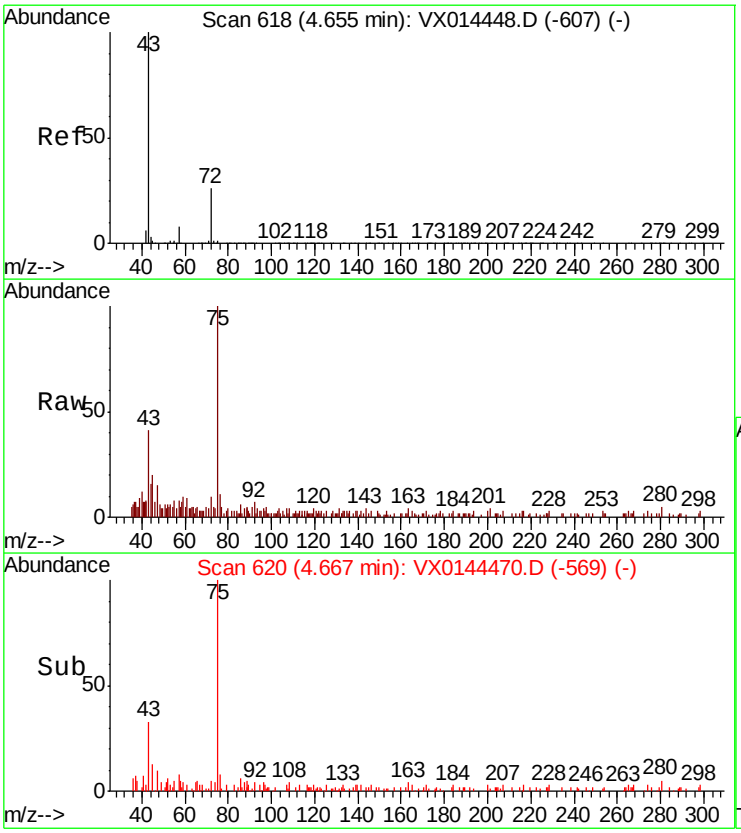
#20
Methylene Chloride
Concen: 1.758 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 10394

Ion	Ratio	Lower	Upper
84	100		
49	114.6	95.8	143.8
51	31.2	30.2	45.4
86	60.8	51.8	77.6

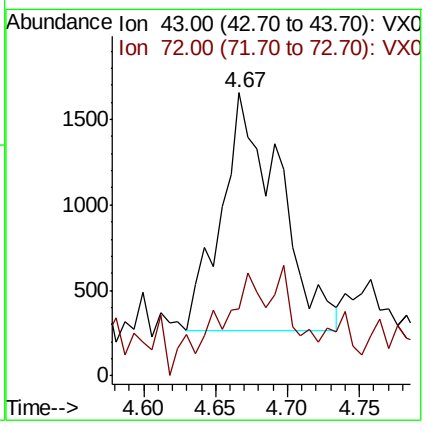


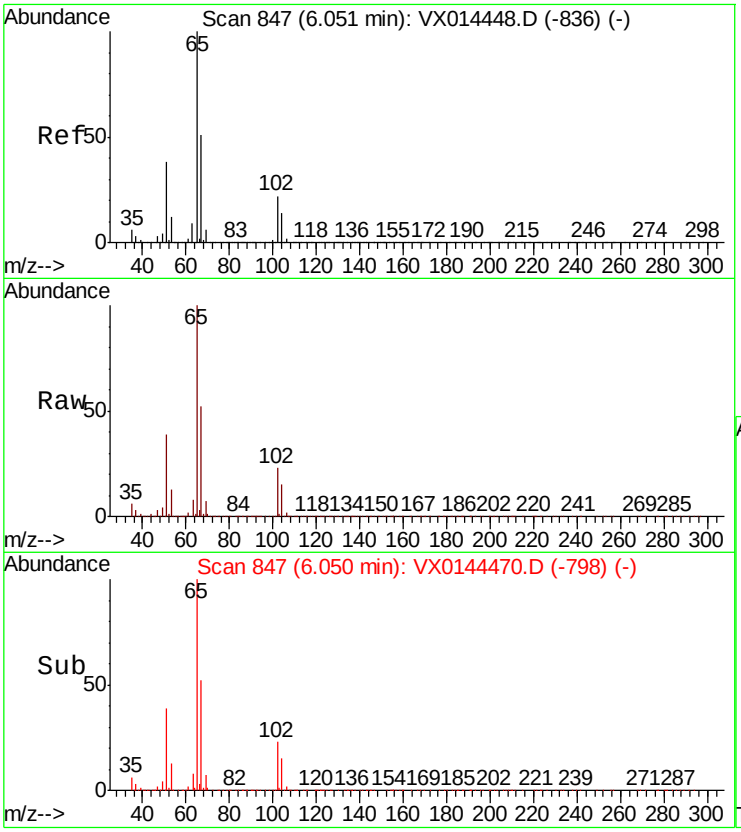


#25
2-Butanone
Concen: 0.890 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 43 Resp: 3908

Ion	Ratio	Lower	Upper
43	100		
72	10.5	20.6	31.0#



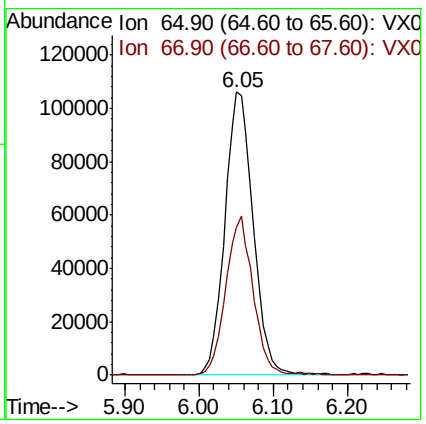


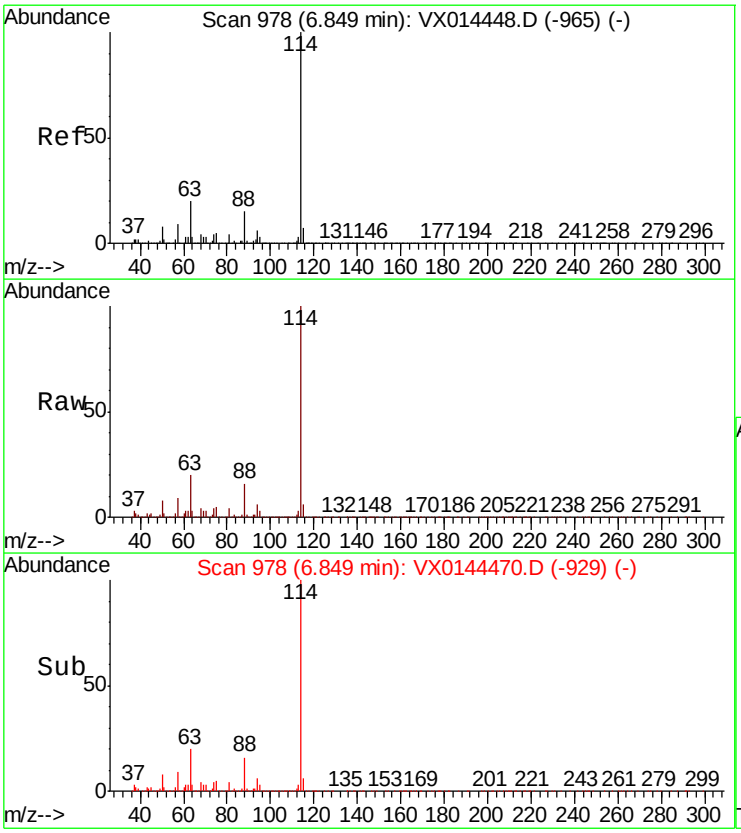
#33
1,2-Dichloroethane-d4
Concen: 47.793 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 280862

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.2

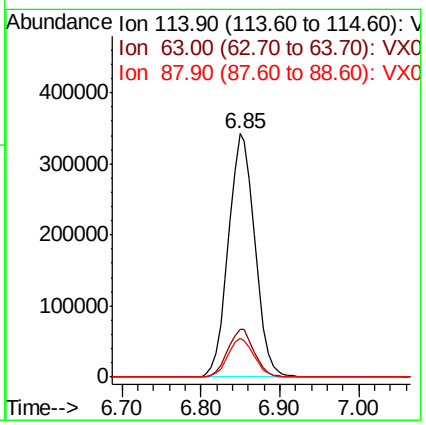


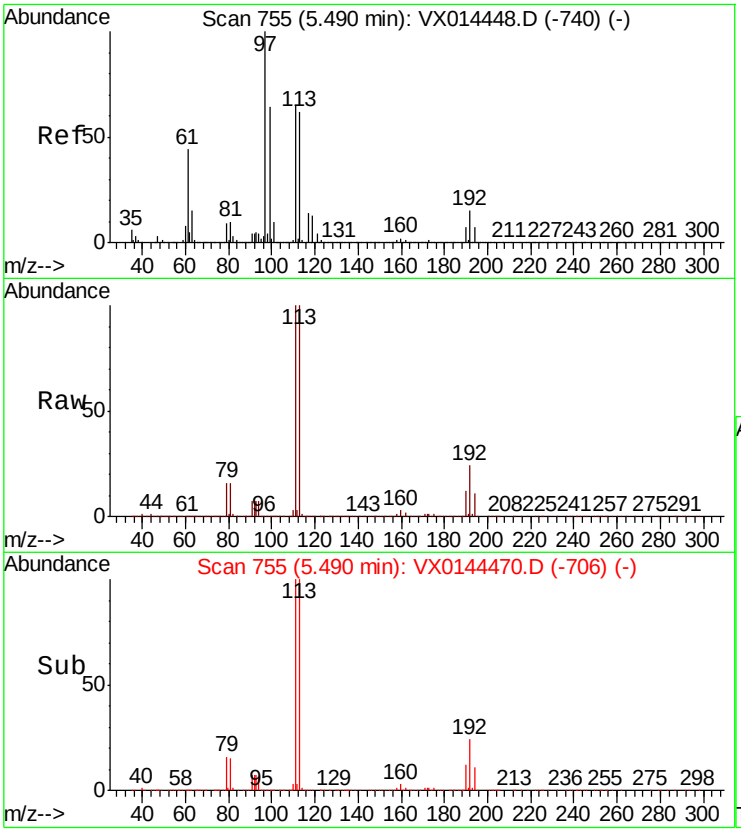


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion:114 Resp: 800220

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.9	0.0	30.8



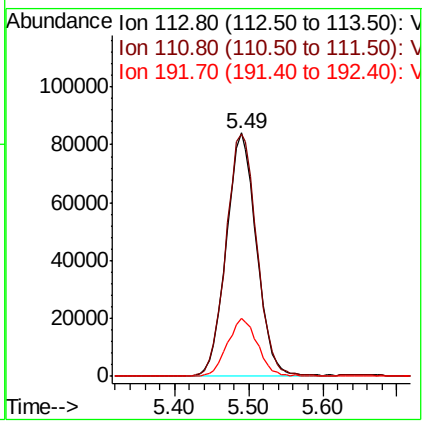


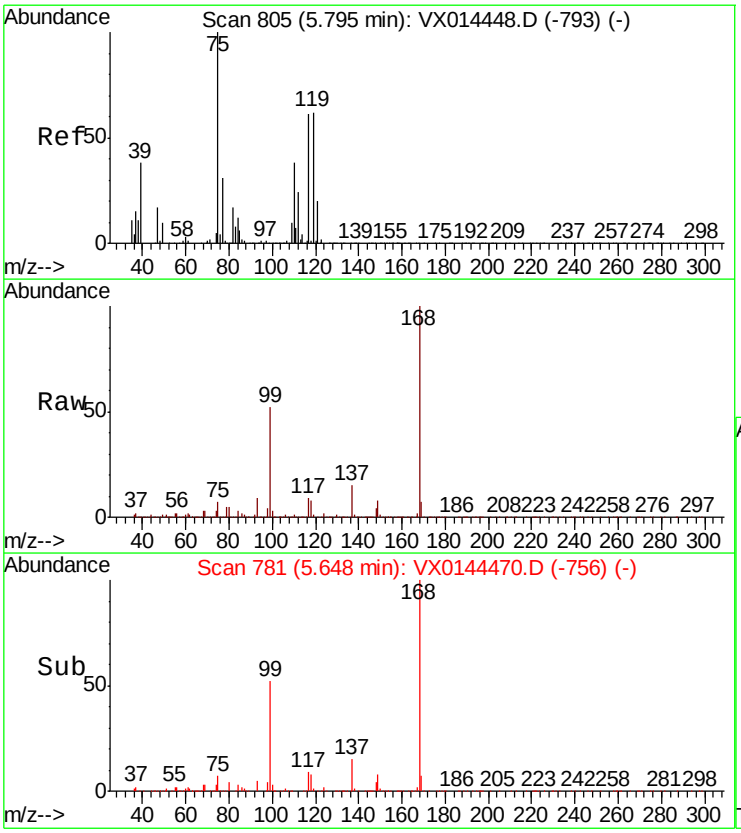
#35
Dibromofluoromethane
Concen: 49.373 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 239169

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	23.7	19.2	28.8

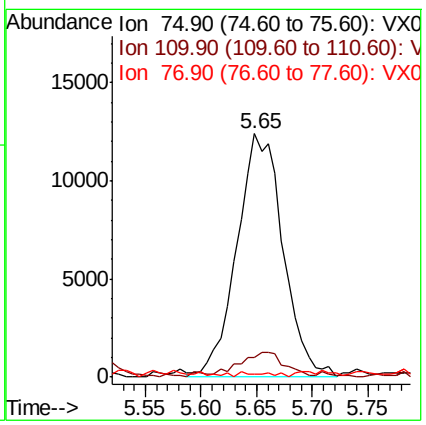


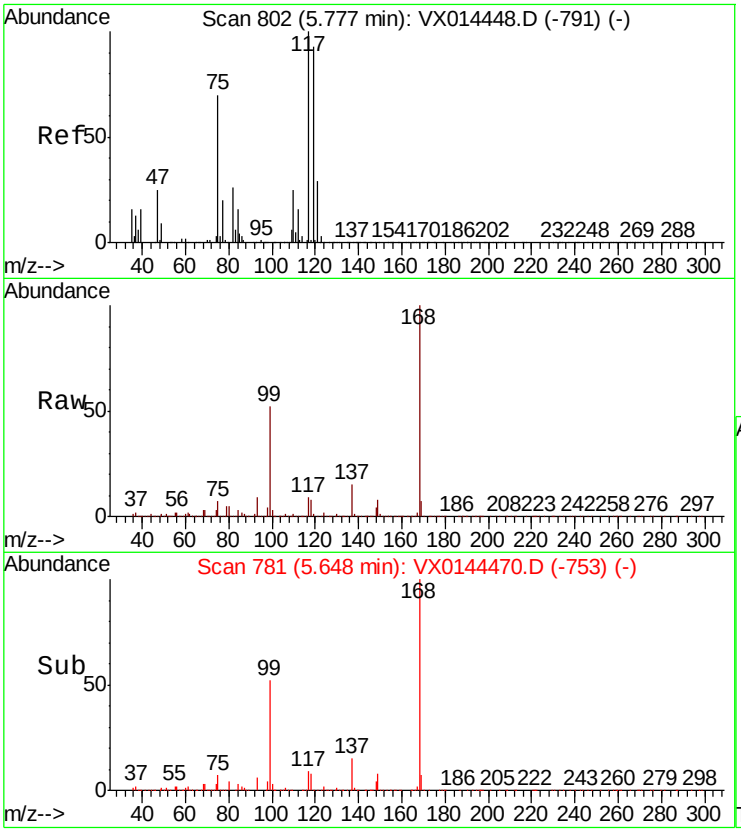


#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 75 Resp: 35756

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.6	55.8#
77	0.8	24.5	36.7#



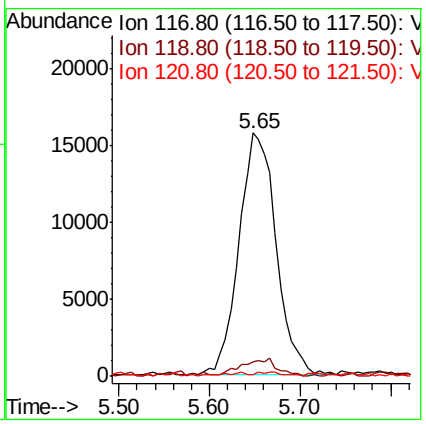


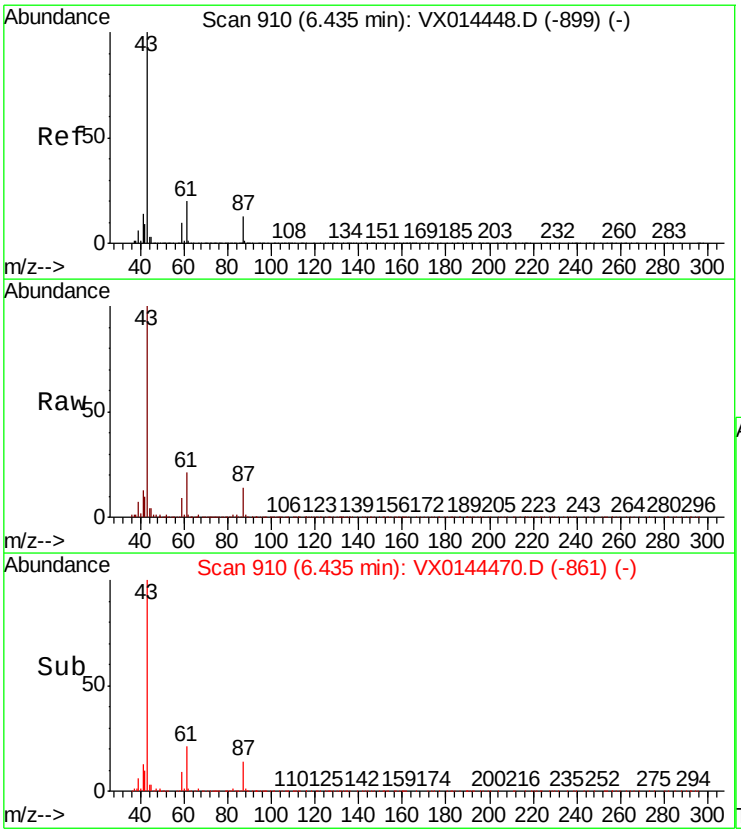
#38
Carbon Tetrachloride
Concen: 6.469 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 44797

Ion	Ratio	Lower	Upper
117	100		
119	5.6	73.8	110.8#
121	0.4	23.4	35.0#

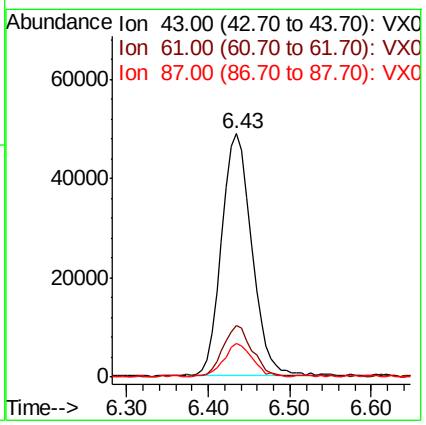


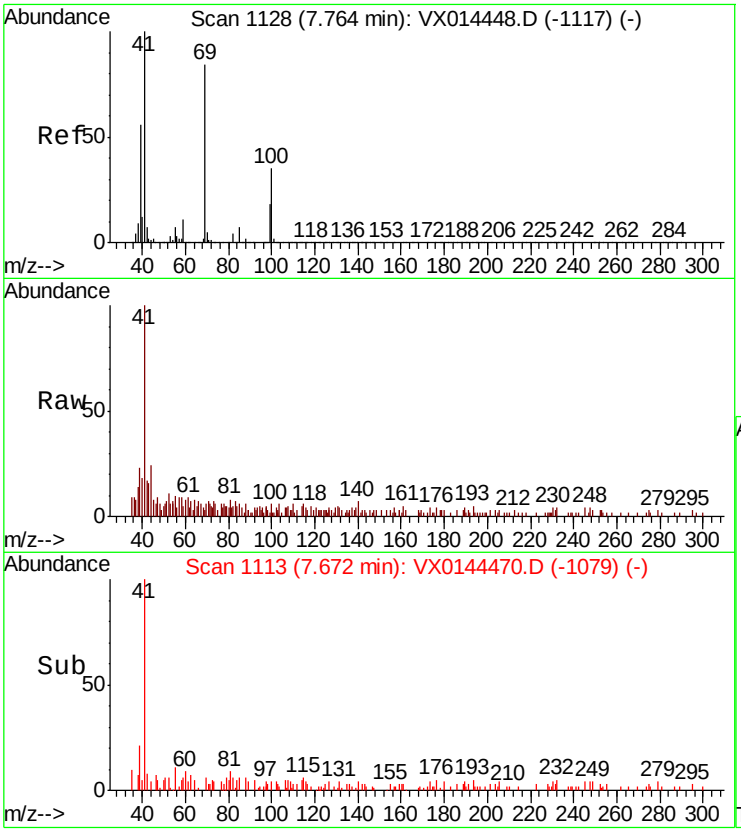


#43
Isopropyl Acetate
Concen: 9.521 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 43 Resp: 125716

Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.6	24.8
87	12.6	10.8	16.2



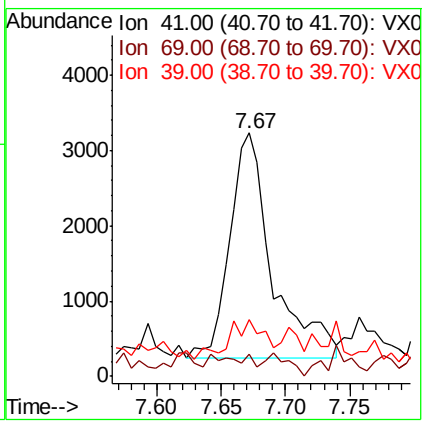


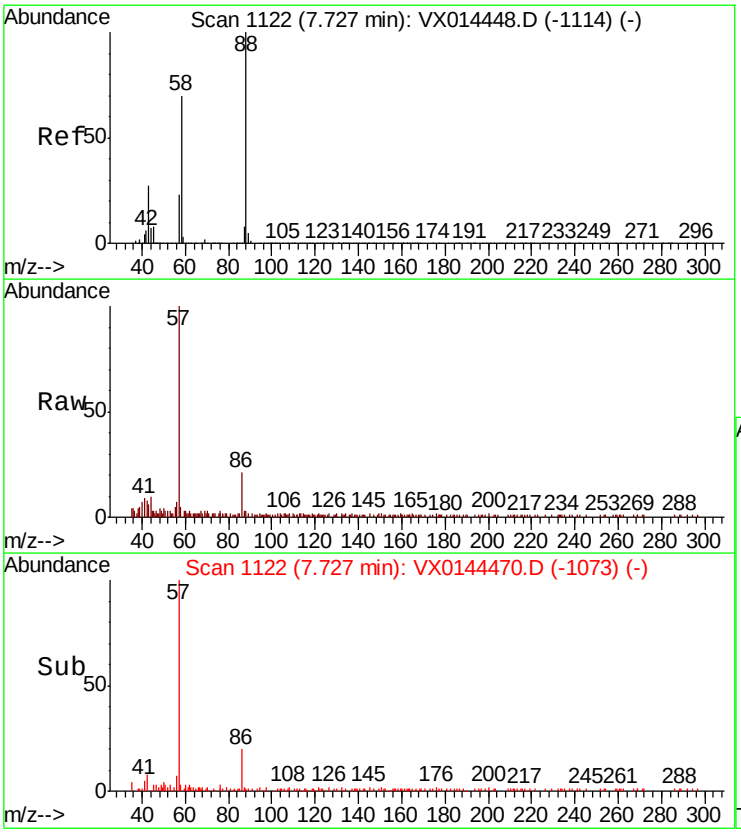
#48
Methyl methacrylate
Concen: 1.081 ug/l
RT: 7.67 min Scan# 1113
Delta R.T. -0.09 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 6838

Ion	Ratio	Lower	Upper
41	100		
69	5.6	65.5	98.3#
39	0.0	43.9	65.9#

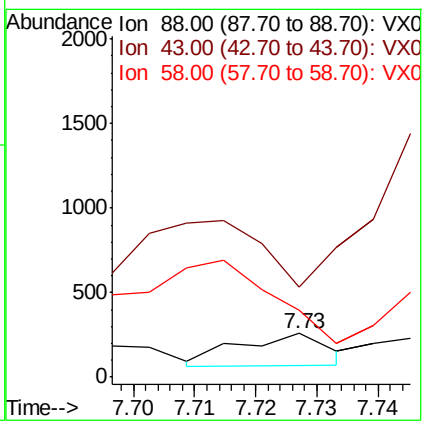


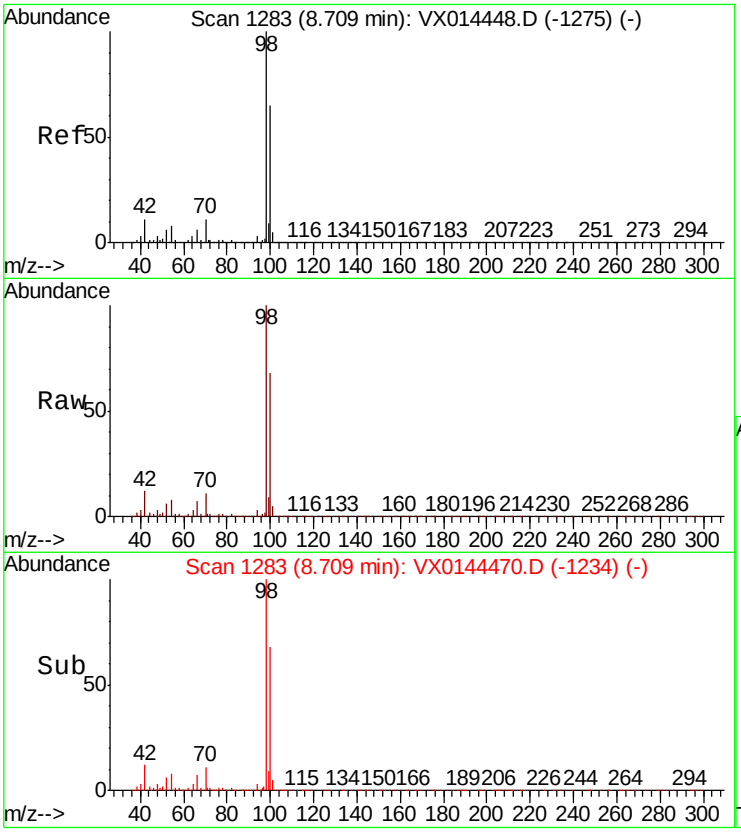


#49
1,4-Dioxane
Concen: 1.455 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 88 Resp: 195

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	765.6	57.1	85.7#



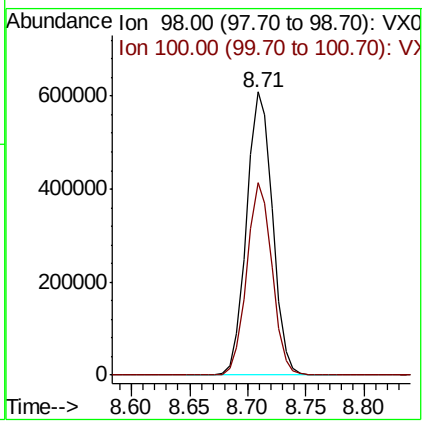


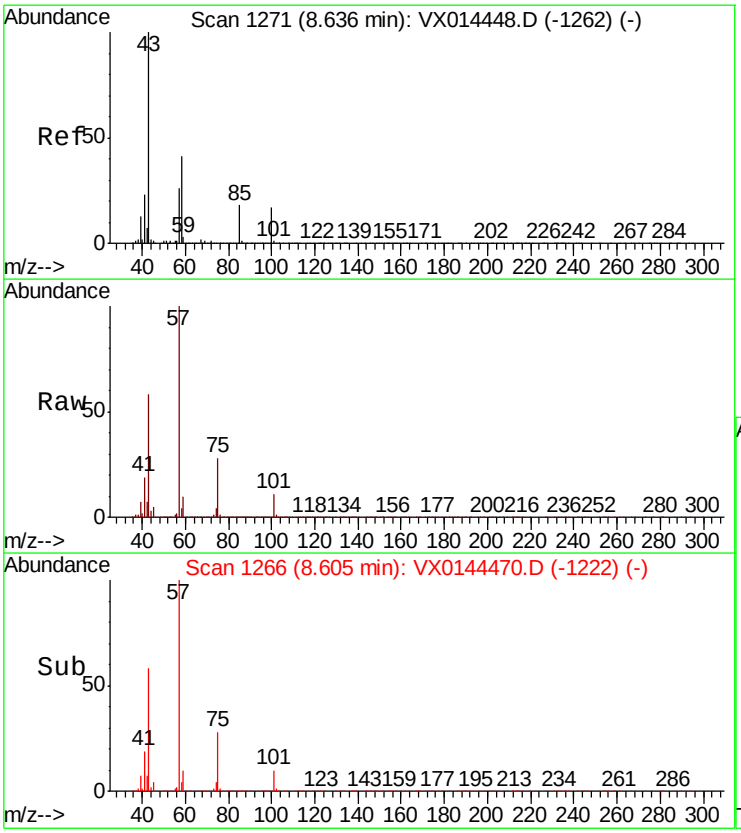
#50
Toluene-d8
Concen: 50.584 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 950885

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.2	79.8

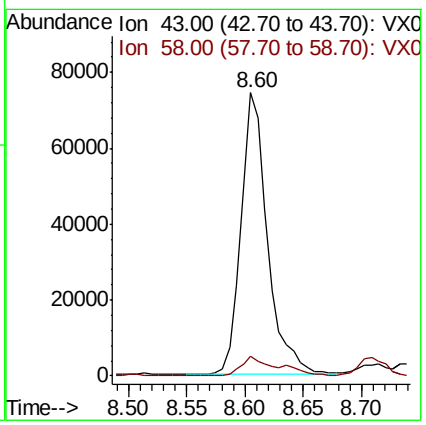


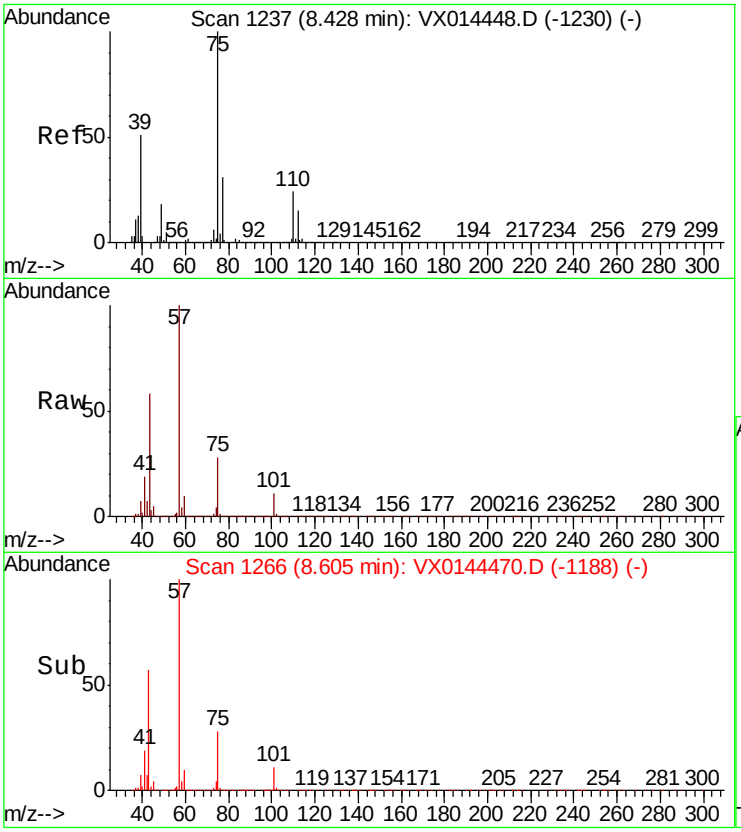


#51
4-Methyl-2-Pentanone
Concen: 14.732 ug/l
RT: 8.60 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 43 Resp: 118539

Ion	Ratio	Lower	Upper
43	100		
58	9.1	32.4	48.6#



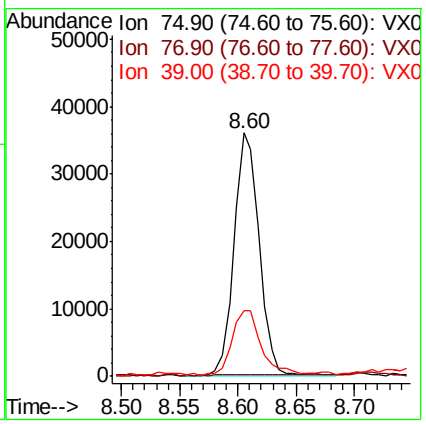


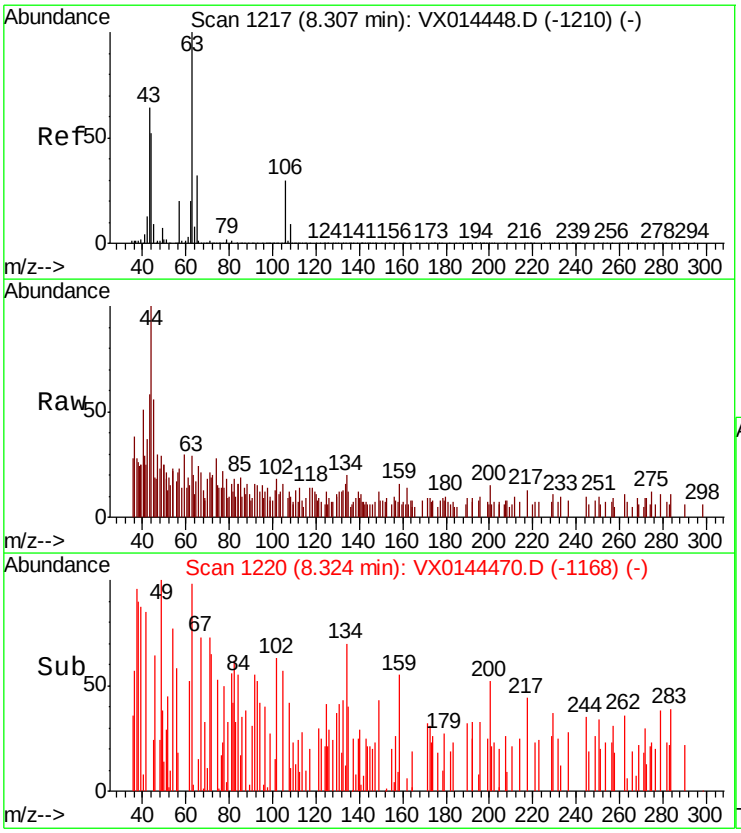
#54
cis-1,3-Dichloropropene
Concen: 6.048 ug/l
RT: 8.60 min Scan# 1266
Delta R.T. 0.18 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 55004

Ion	Ratio	Lower	Upper
75	100		
77	0.2	25.0	37.4#
39	26.2	40.7	61.1#

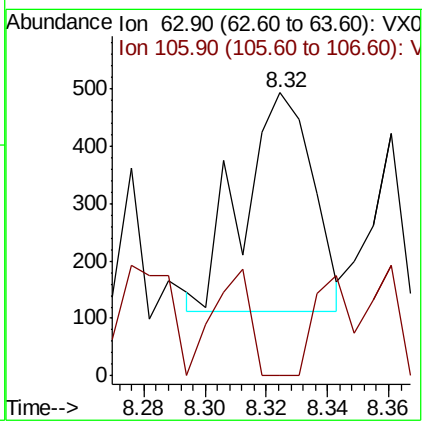


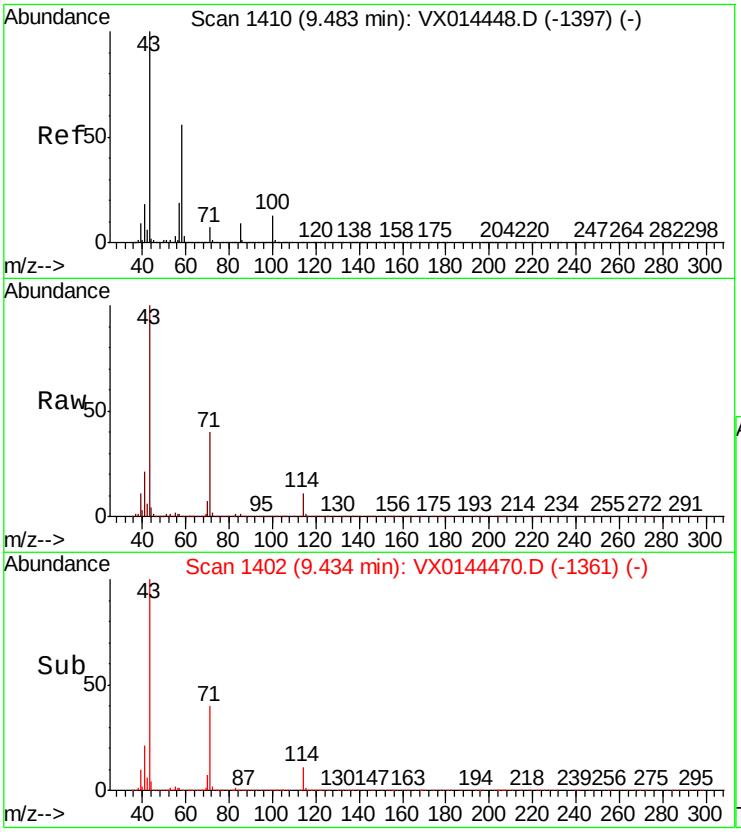


#58
2-Chloroethyl Vinyl ether
Concen: 0.201 ug/l
RT: 8.32 min Scan# 1220
Delta R.T. 0.02 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 63 Resp: 602

Ion	Ratio	Lower	Upper
63	100		
106	25.6	23.6	35.4



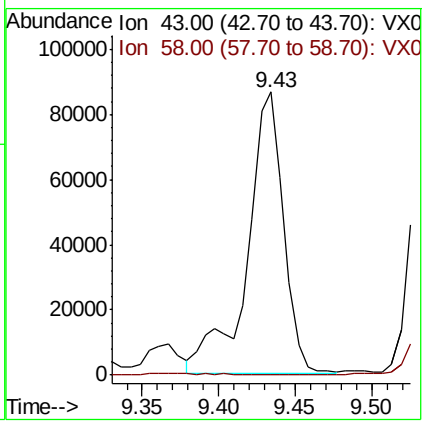


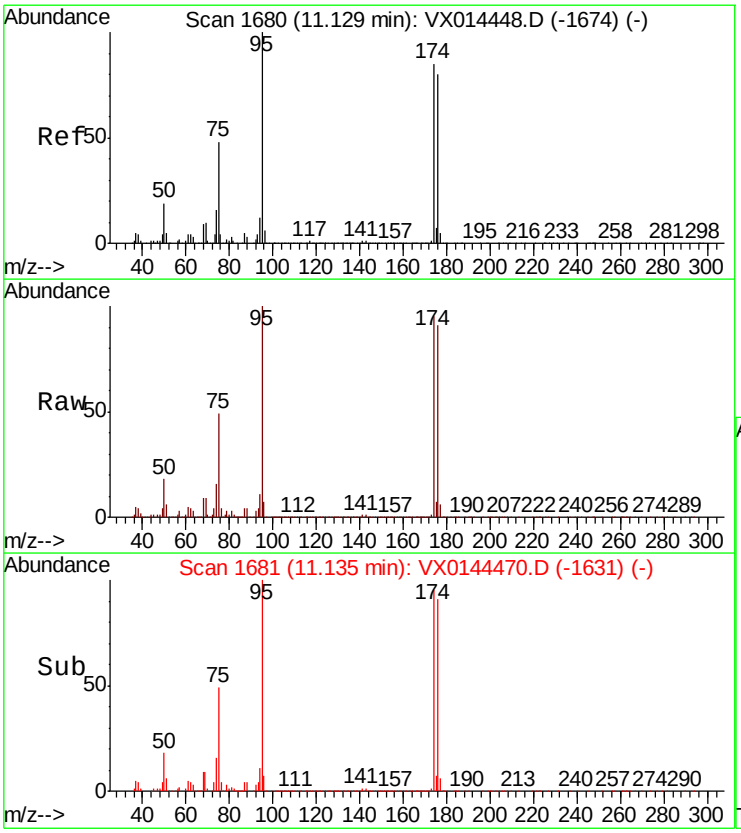
#59
2-Hexanone
Concen: 22.564 ug/l
RT: 9.43 min Scan# 1402
Delta R.T. -0.05 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 143660

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	83.7#

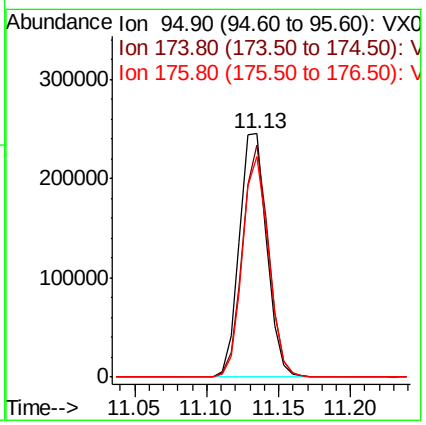


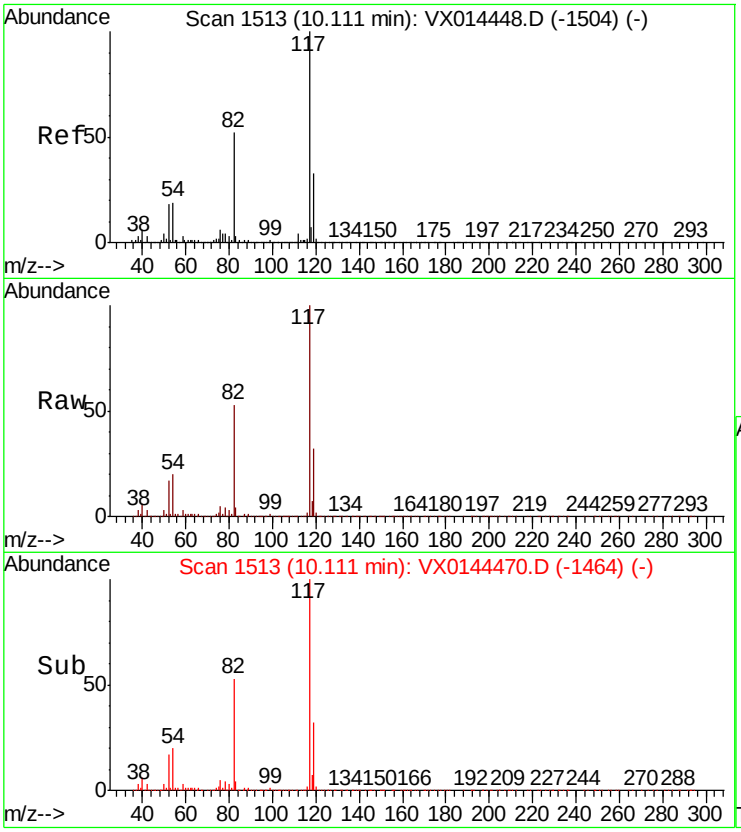


#62
4-Bromofluorobenzene
Concen: 47.000 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 95 Resp: 324349

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	180.8
176	86.6	0.0	172.8



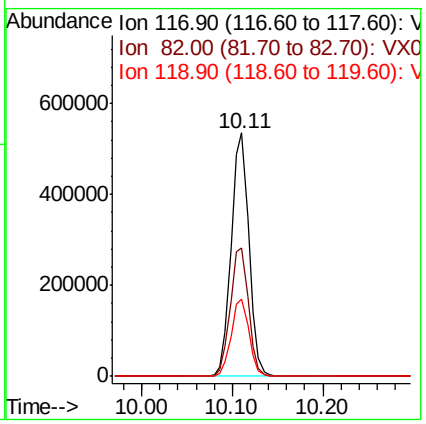


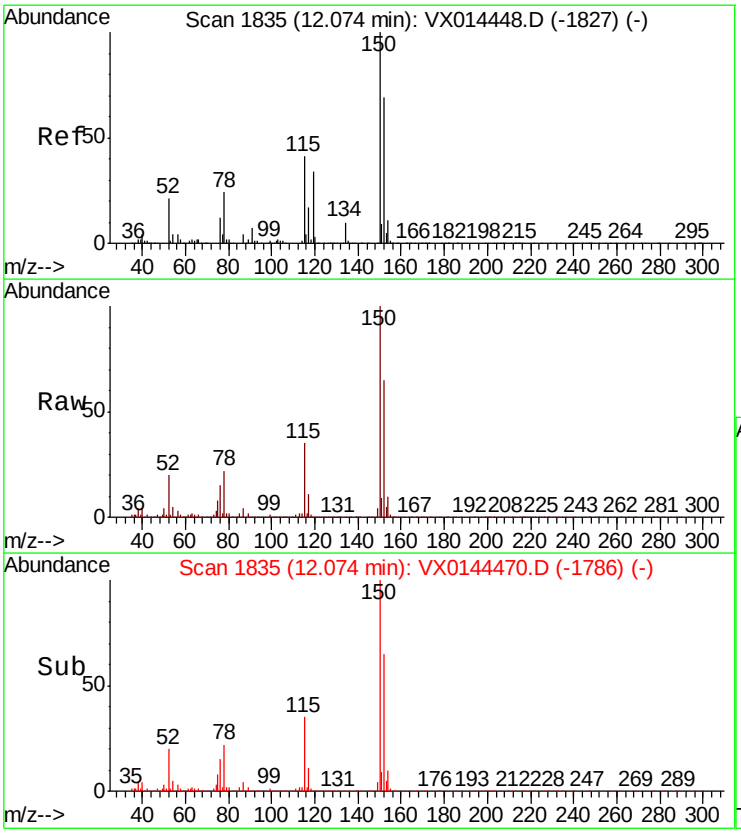
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 724120

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.6
119	31.6	26.2	39.4

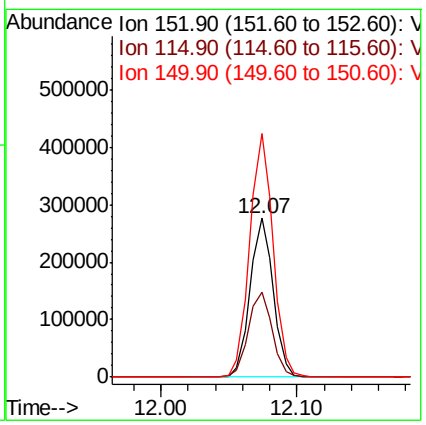


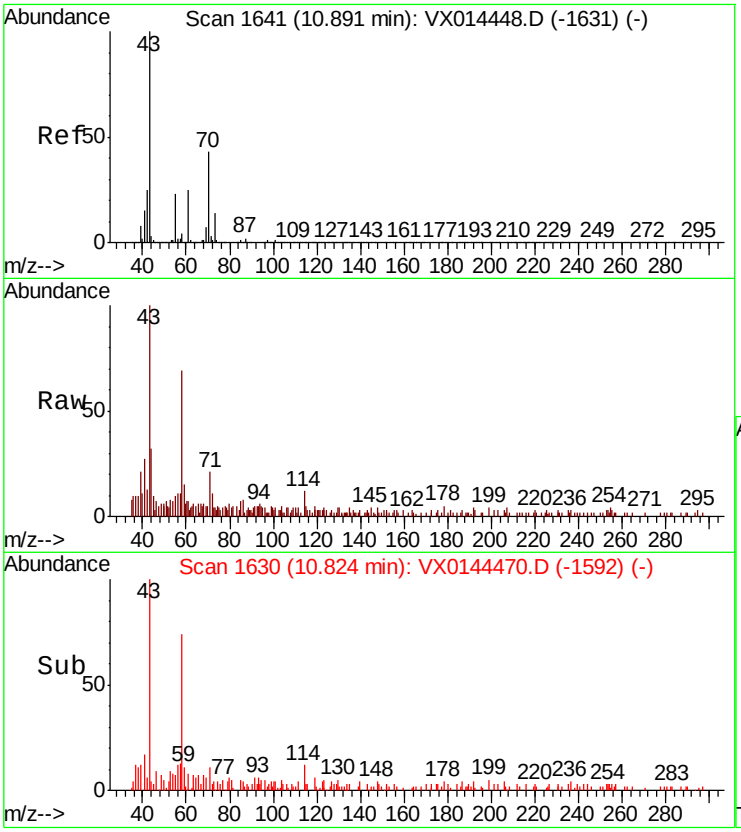


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion:152 Resp: 330510

Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.5	118.3
150	154.6	0.0	350.2



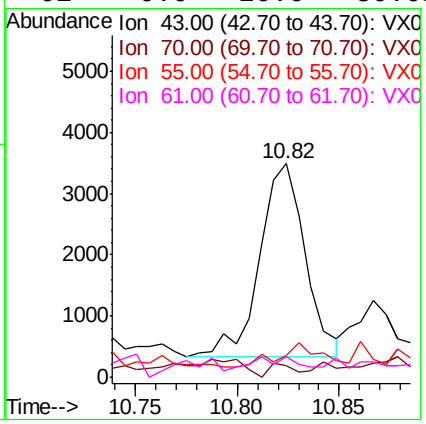


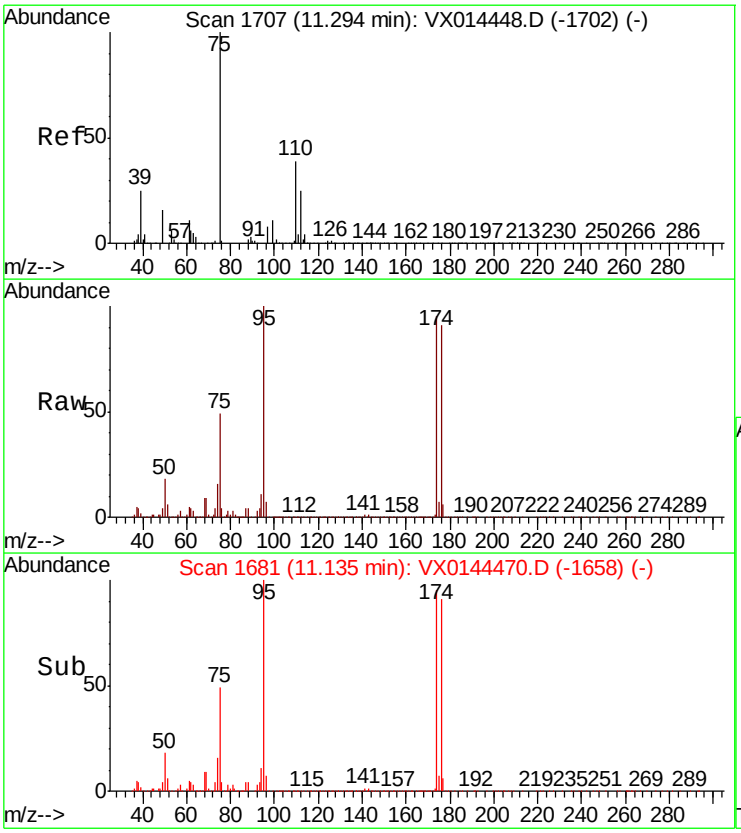
#74
N-amyl acetate
Concen: 0.479 ug/l
RT: 10.82 min Scan# 1630
Delta R.T. -0.07 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4900

Ion	Ratio	Lower	Upper
43	100		
70	3.8	35.1	52.7#
55	10.8	19.3	28.9#
61	0.0	20.0	30.0#

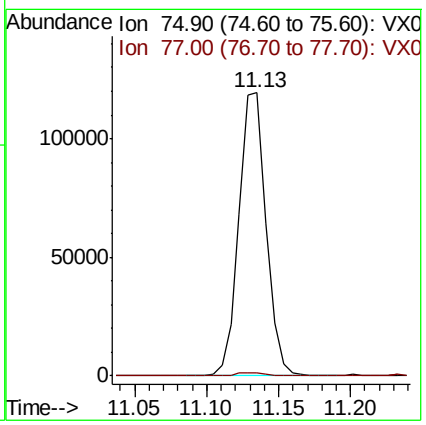


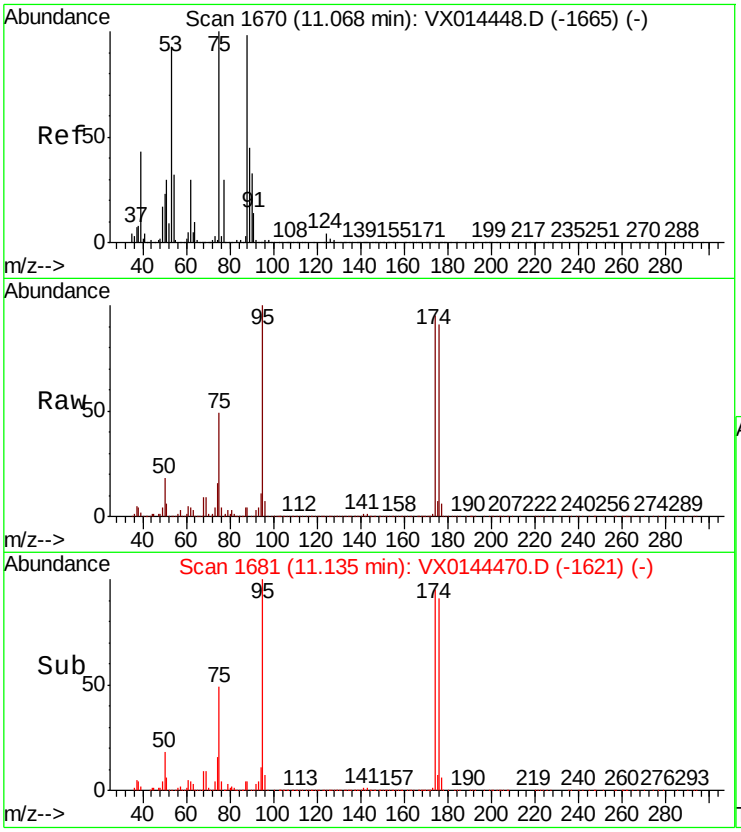


#76
1,2,3-Trichloropropane
Concen: 22.755 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion: 75 Resp: 155605

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.9	65.7#



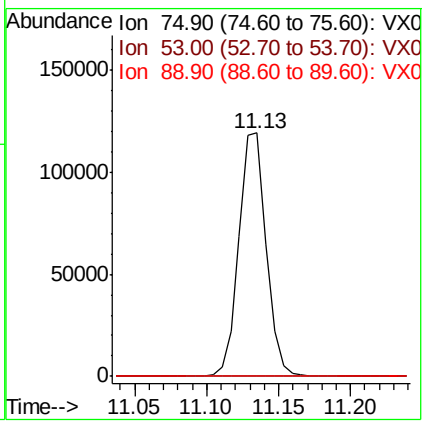


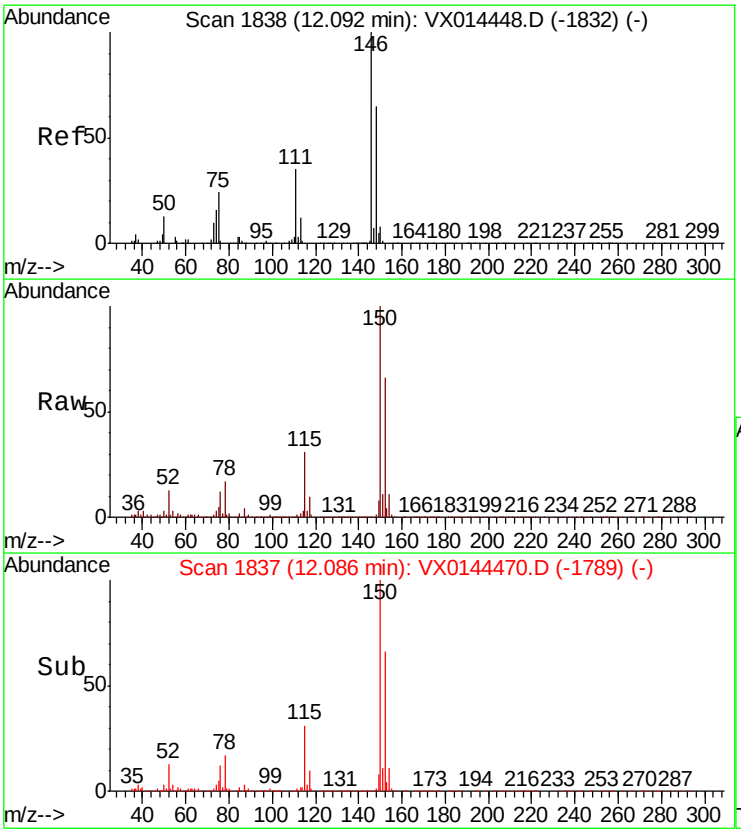
#81
trans-1,4-Dichloro-2-butene
Concen: 60.160 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 155605

Ion	Ratio	Lower	Upper
75	100		
53	0.3	74.8	112.2#
89	0.3	36.3	54.5#





#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.09 min Scan# 1837
Delta R.T. -0.01 min
Lab File: VX0144470.D
Acq: 08 Jan 2020 14:48

Tgt Ion:146 Resp: 1050

Ion	Ratio	Lower	Upper
146	100		
111	418.4	18.1	54.1#
148	223.9	32.1	96.3#