Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031320\
Data File : VX015265.D
Acq On : 13 Mar 2020 17:13
Operator : JC/SP
Sample : L1903-26
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE125D1-20200311

Quant Time: Mar 16 08:22:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	250254	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	392481	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	381084	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	198773	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	142474	47.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.98%				
35) Dibromofluoromethane	5.49	113	120942	48.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.68%				
50) Toluene-d8	8.71	98	480235	50.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.98%				
62) 4-Bromofluorobenzene	11.13	95	176382	52.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	1284	0.586	ug/l		96
3) Chloromethane	1.31	50	786	0.253	ug/l	#	82
4) Vinyl Chloride	1.40	62	689	0.219	ug/l	#	33
5) Bromomethane	1.65	94	711	0.367	ug/l		88
7) Trichlorofluoromethane	1.93	101	823	0.220	ug/l	#	71
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26791	11.370	ug/l		95
11) Tert butyl alcohol	3.03	59	181	0.351	ug/l	#	72
12) 1,1-Dichloroethene	2.37	96	5924	2.436	ug/l		89
13) Acrolein	2.28	56	110	0.227	ug/l	#	1
16) Acetone	2.44	43	4181	3.477	ug/l	#	74
19) Methyl tert-butyl Ether	3.19	73	3589	0.472	ug/l		98
20) Methylene Chloride	2.84	84	961	0.342	ug/l	#	60
24) 1,1-Dichloroethane	3.69	63	7397	1.578	ug/l	#	89
27) cis-1,2-Dichloroethene	4.59	96	13617	4.674	ug/l		83
29) Tetrahydrofuran	5.14	42	334	0.294	ug/l	#	38
30) Chloroform	5.20	83	4188	0.916	ug/l		90
38) Carbon Tetrachloride	5.79	117	957	0.279	ug/l	#	31
39) Methylcyclohexane	7.21	83	8032	1.896	ug/l	#	1
44) Trichloroethene	7.21	130	771640	257.392	ug/l		98
49) 1,4-Dioxane	7.76	88	1546	23.728	ug/l	#	83
55) 1,1,2-Trichloroethane	9.21	97	894	0.330	ug/l	#	69
59) 2-Hexanone	9.53	43	644	0.248	ug/l		83
60) Dibromochloromethane	9.33	129	23767	8.352	ug/l	#	11
64) Tetrachloroethene	9.33	164	27104	8.602	ug/l		97
76) 1,2,3-Trichloropropane	11.13	75	85204	21.489	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.13	75	85204	60.987	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.00	75	318	0.375	ug/l	#	11
95) Naphthalene	13.82	128	424	1.451	ug/l	#	83

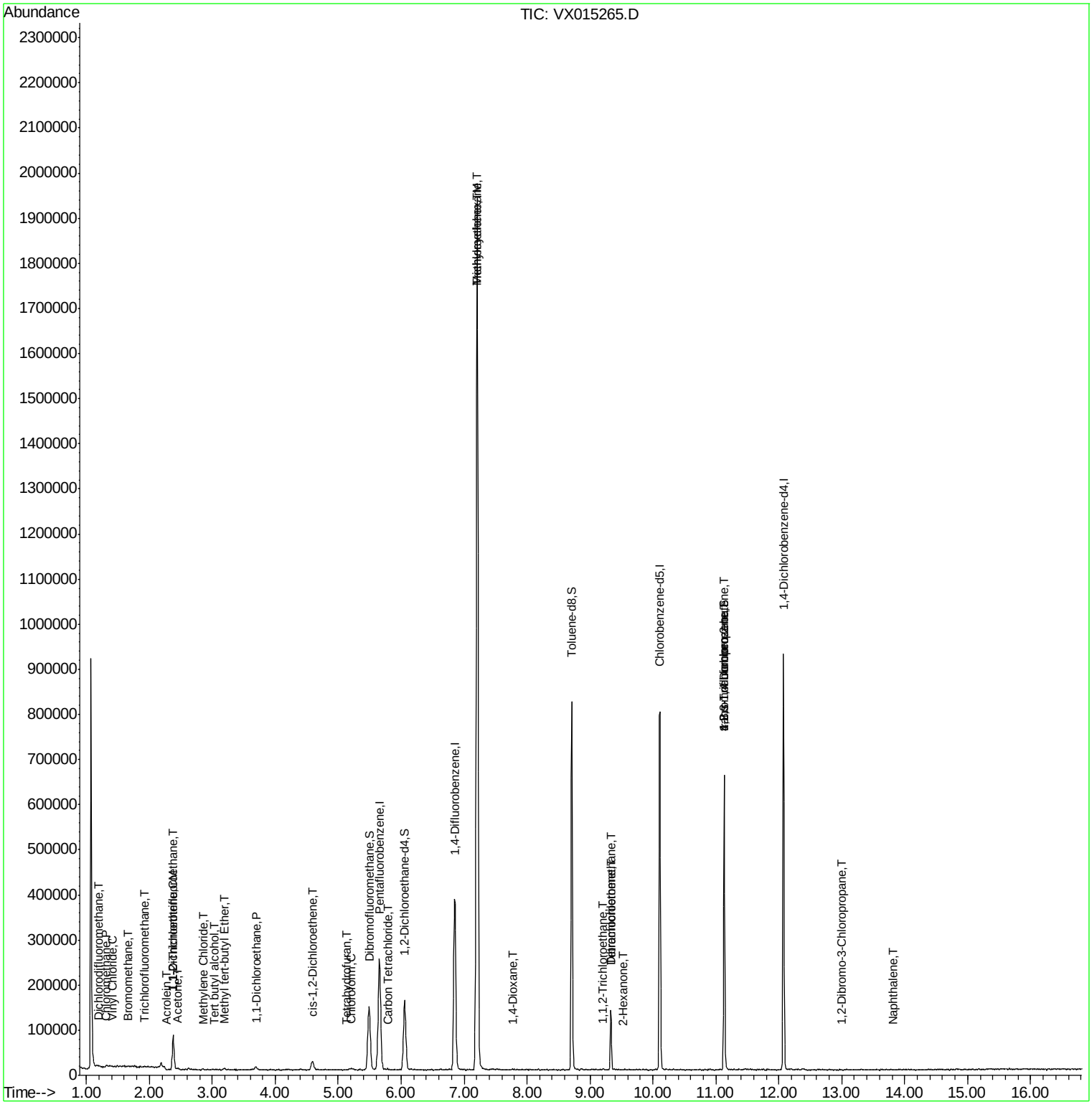
(#) = qualifier out of range (m) = manual integration (+) = signals summed

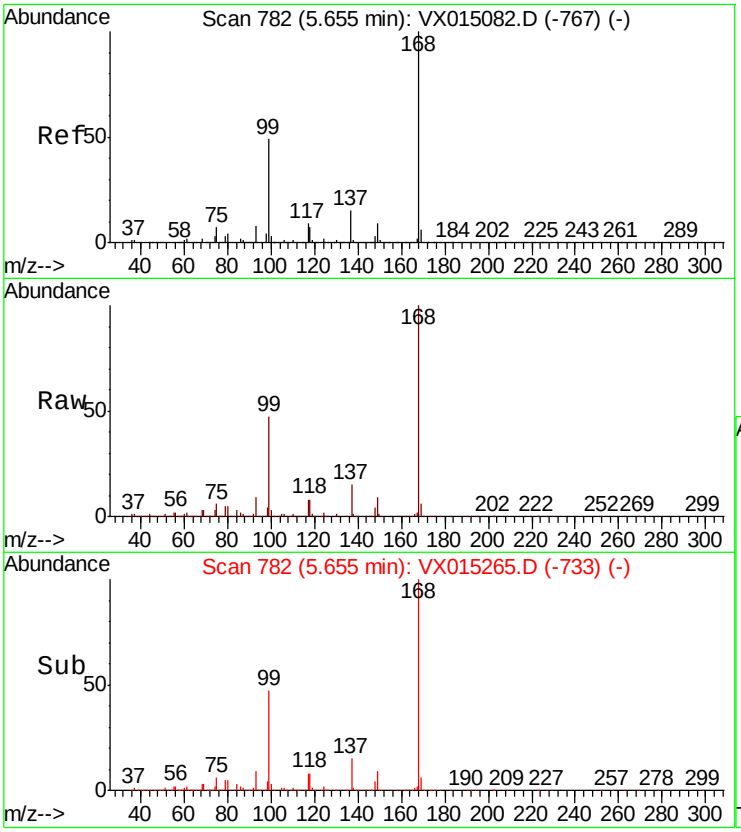
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031320\
Data File : VX015265.D
Acq On : 13 Mar 2020 17:13
Operator : JC/SP
Sample : L1903-26
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Quant Time: Mar 16 08:22:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration



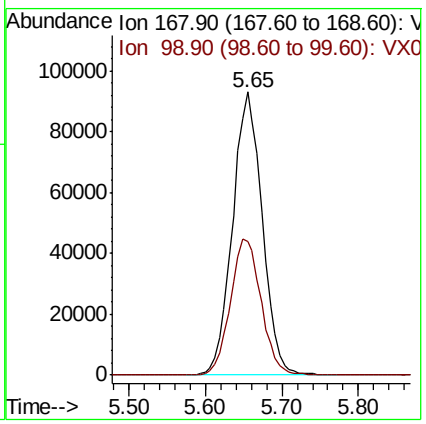


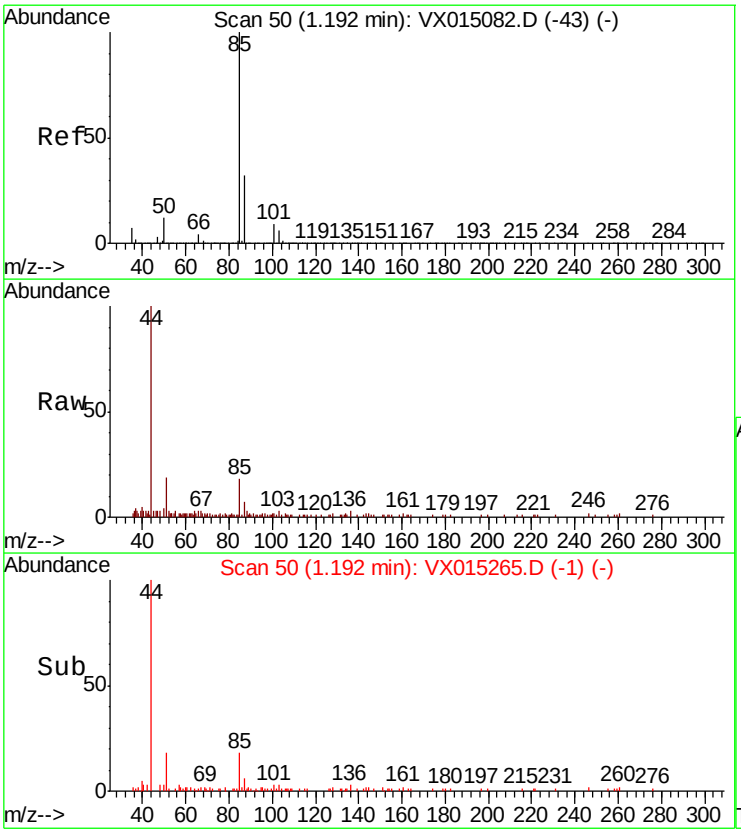
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion:168 Resp: 250254

Ion	Ratio	Lower	Upper
168	100		
99	47.0	39.4	59.2

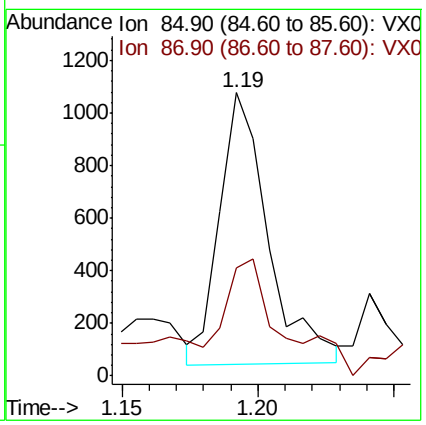


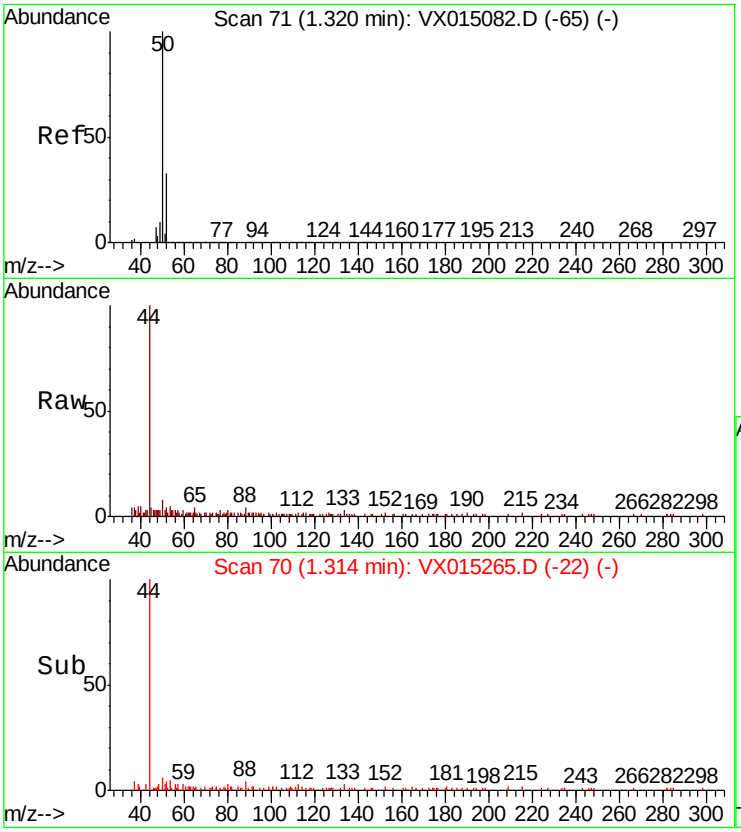


#2
Dichlorodifluoromethane
Concen: 0.586 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 85 Resp: 1284

Ion	Ratio	Lower	Upper
85	100		
87	29.9	16.2	48.5



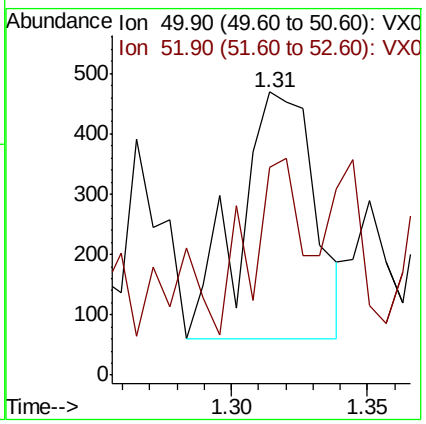


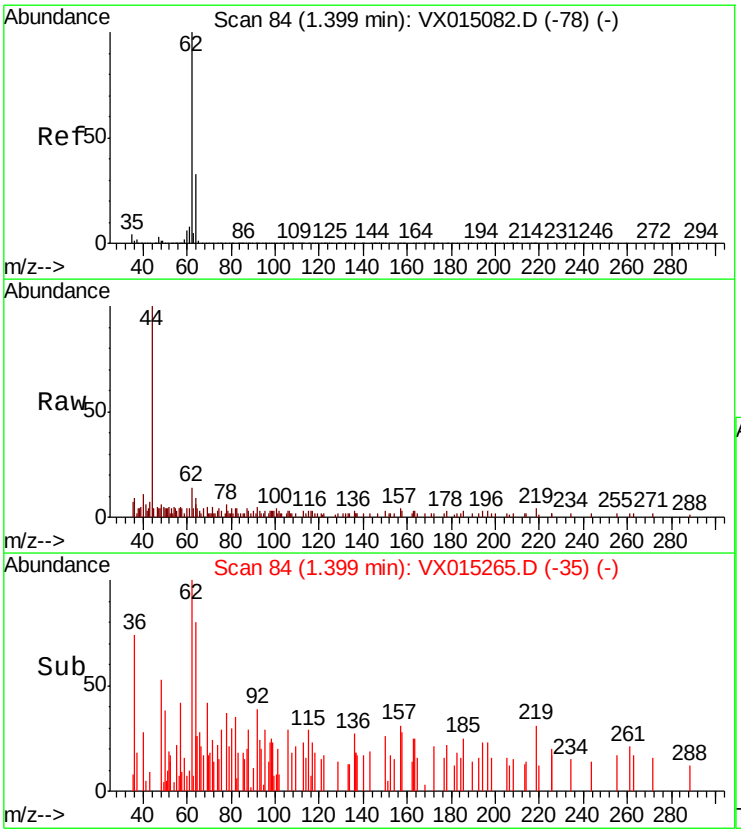
#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 50 Resp: 786

Ion	Ratio	Lower	Upper
50	100		
52	43.1	26.2	39.2#

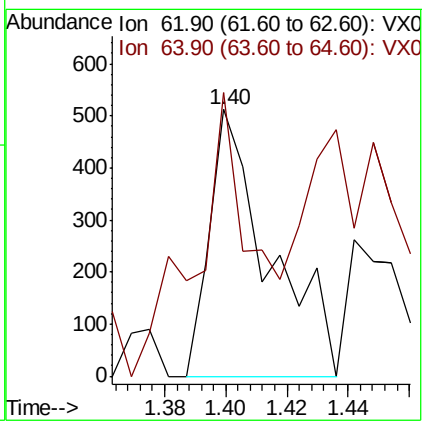


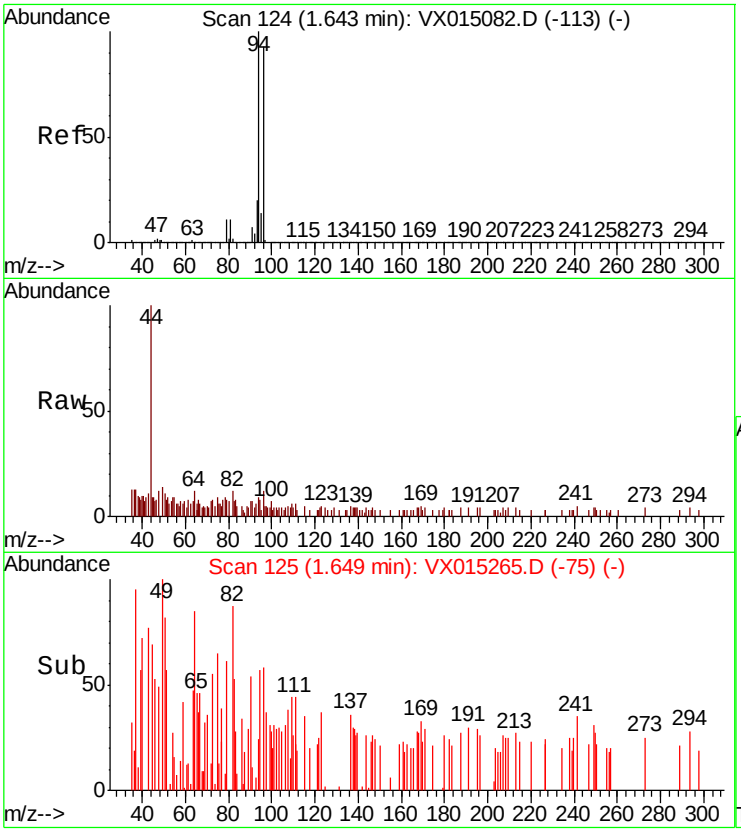


#4
Vinyl Chloride
Concen: 0.219 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 62 Resp: 689

Ion	Ratio	Lower	Upper
62	100		
64	70.3	26.1	39.1#



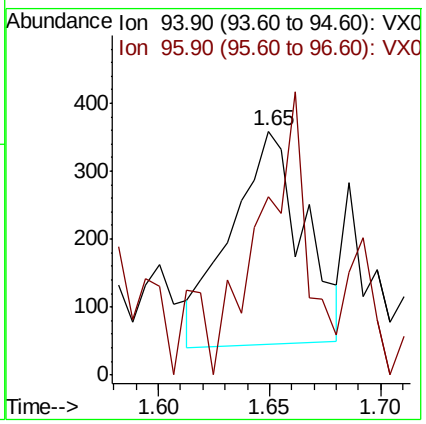


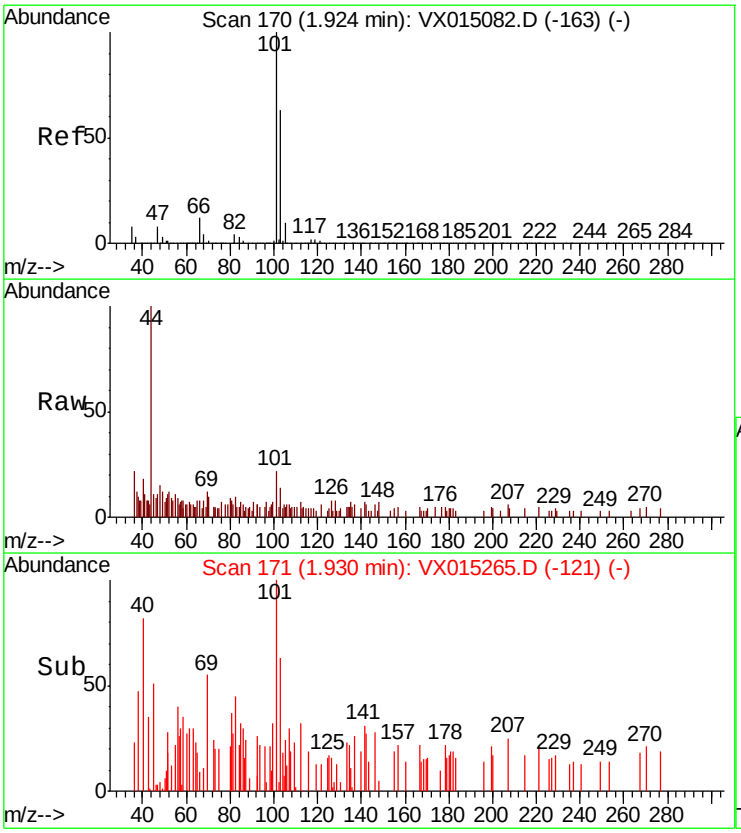
#5
Bromomethane
Concen: 0.367 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 94 Resp: 711

Ion	Ratio	Lower	Upper
94	100		
96	81.2	74.6	111.8

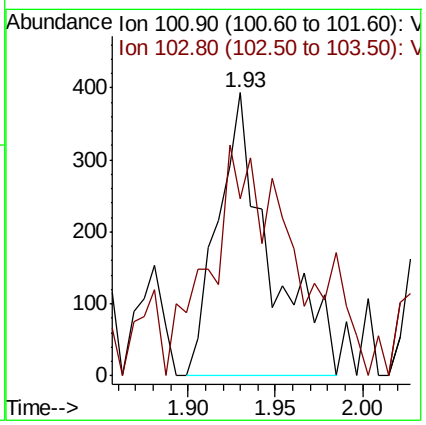


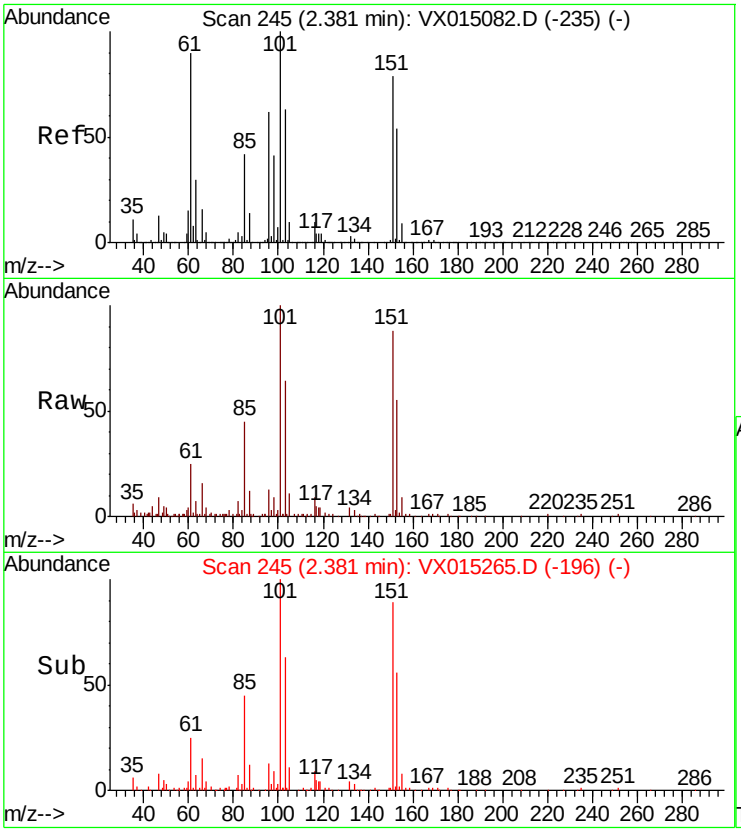


#7
Trichlorofluoromethane
Concen: 0.220 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion:101 Resp: 823

Ion	Ratio	Lower	Upper
101	100		
103	40.5	50.4	75.6#



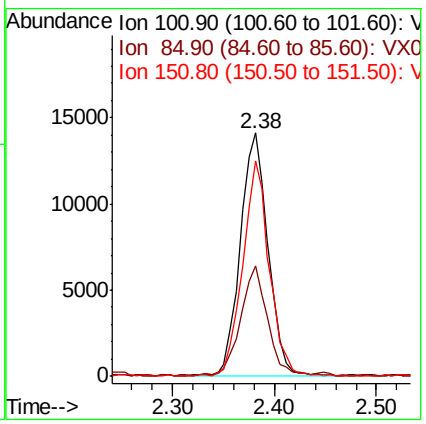


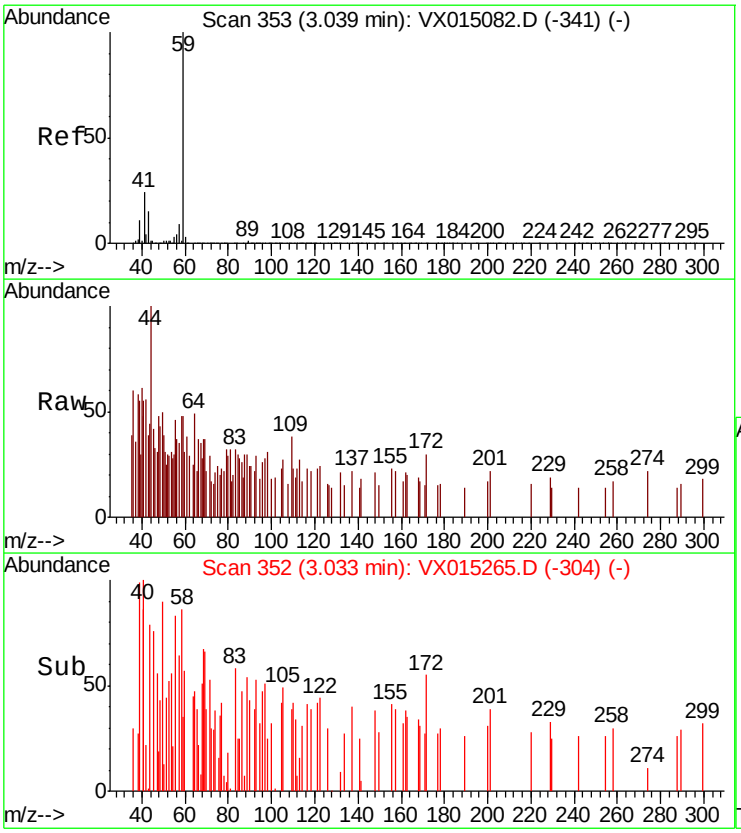
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.370 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion:101 Resp: 26791

Ion	Ratio	Lower	Upper
101	100		
85	44.2	33.7	50.5
151	84.7	64.0	96.0

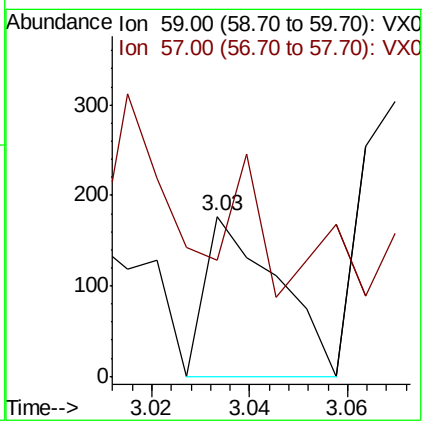


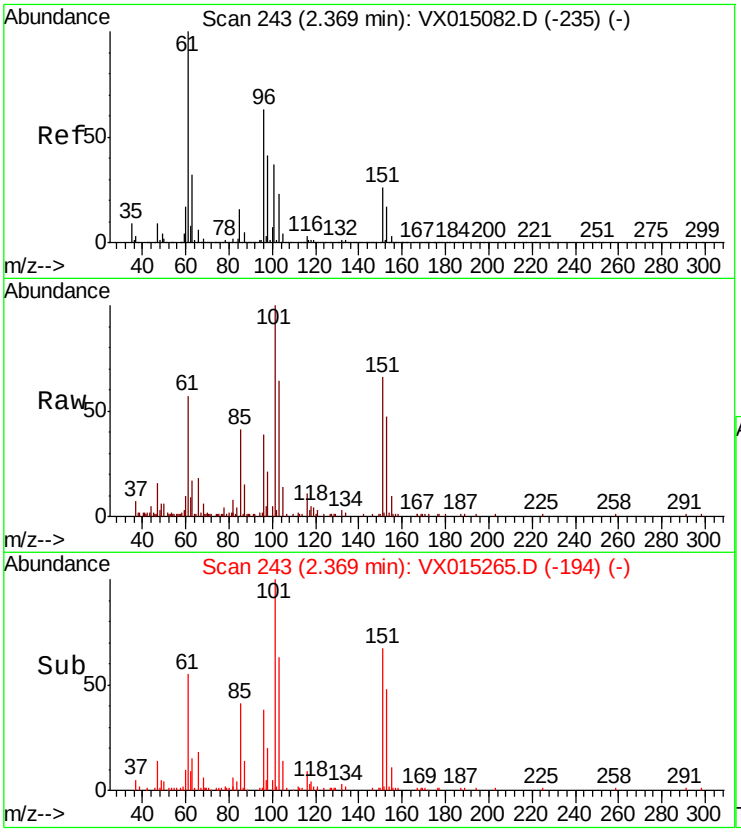


#11
Tert butyl alcohol
Concen: 0.351 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 59 Resp: 181

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



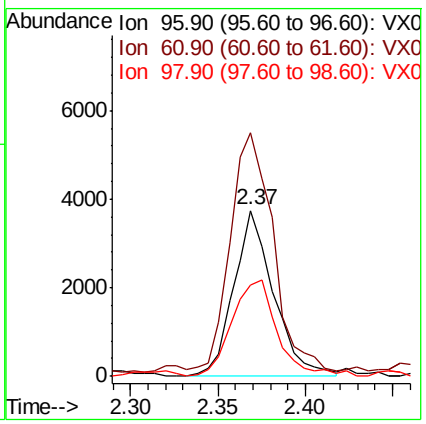


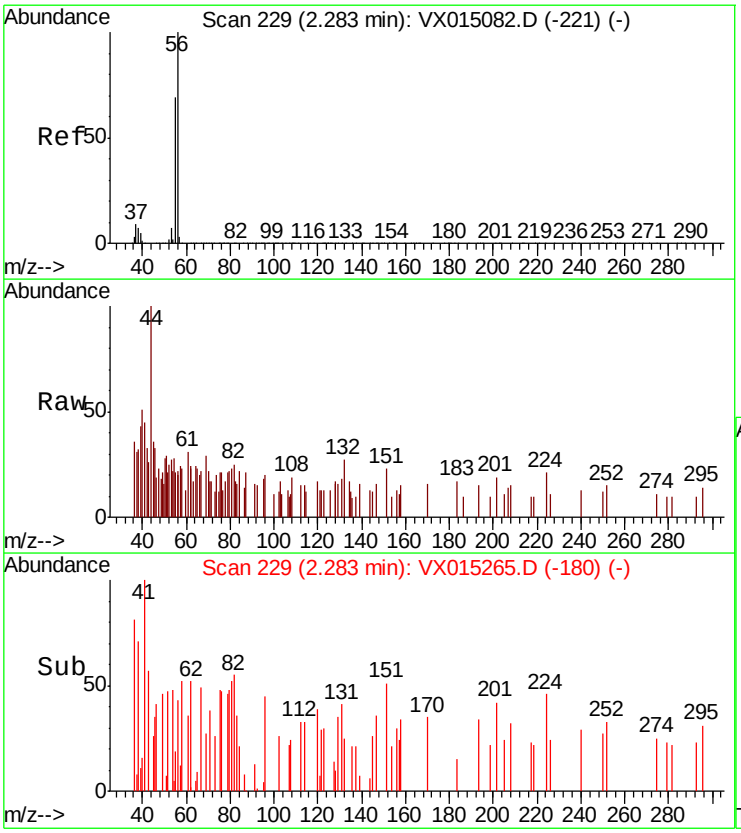
#12
1,1-Dichloroethene
Concen: 2.436 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 96 Resp: 5924

Ion	Ratio	Lower	Upper
96	100		
61	143.7	126.2	189.4
98	55.1	51.4	77.0

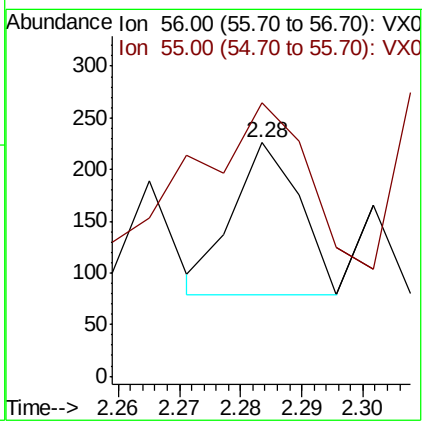


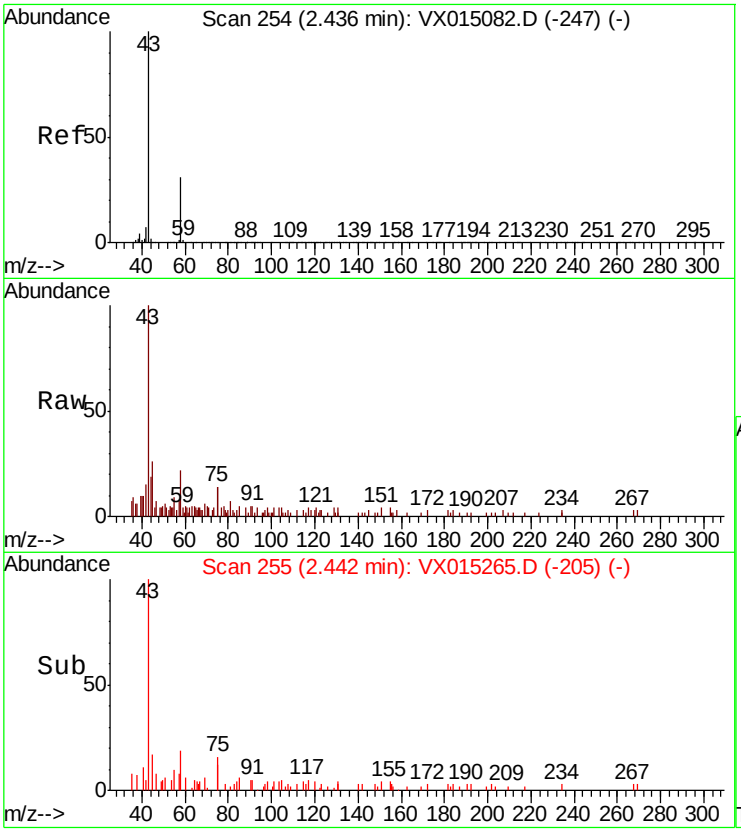


#13
Acrolein
Concen: 0.227 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 56 Resp: 110

Ion	Ratio	Lower	Upper
56	100		
55	170.0	55.4	83.0#



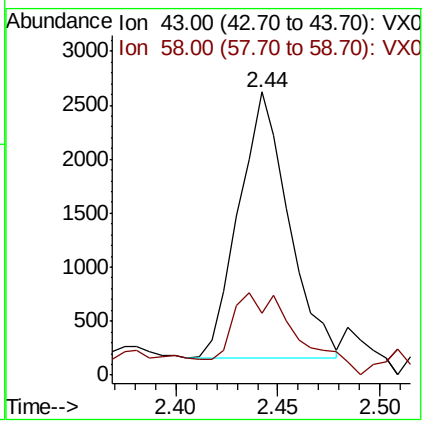


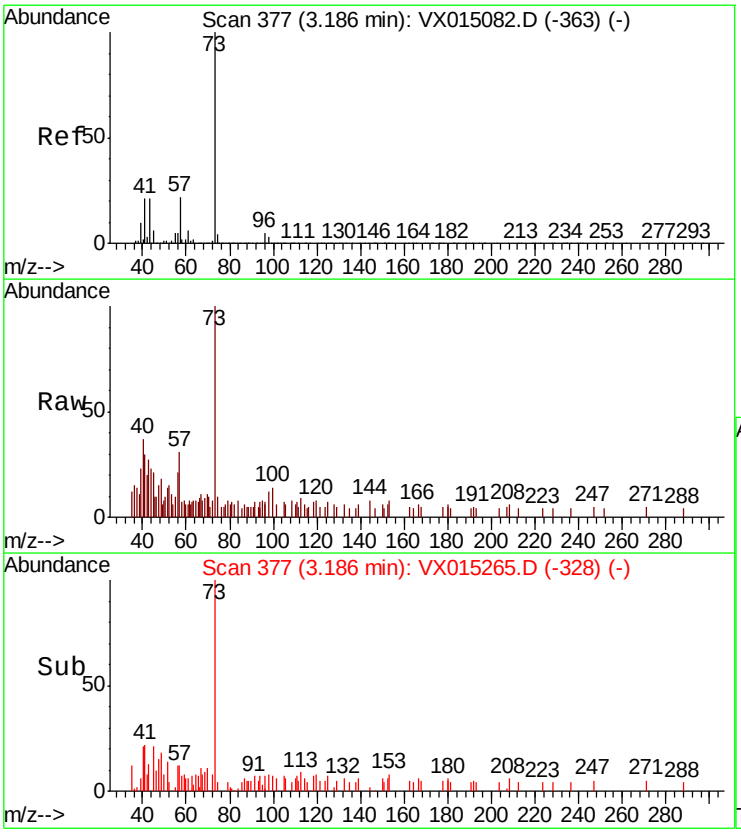
#16
Acetone
Concen: 3.477 ug/l
RT: 2.44 min Scan# 255
Delta R.T. 0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 43 Resp: 4181

Ion	Ratio	Lower	Upper
43	100		
58	16.9	24.8	37.2#

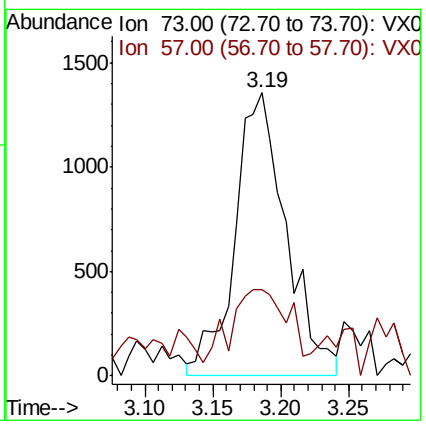


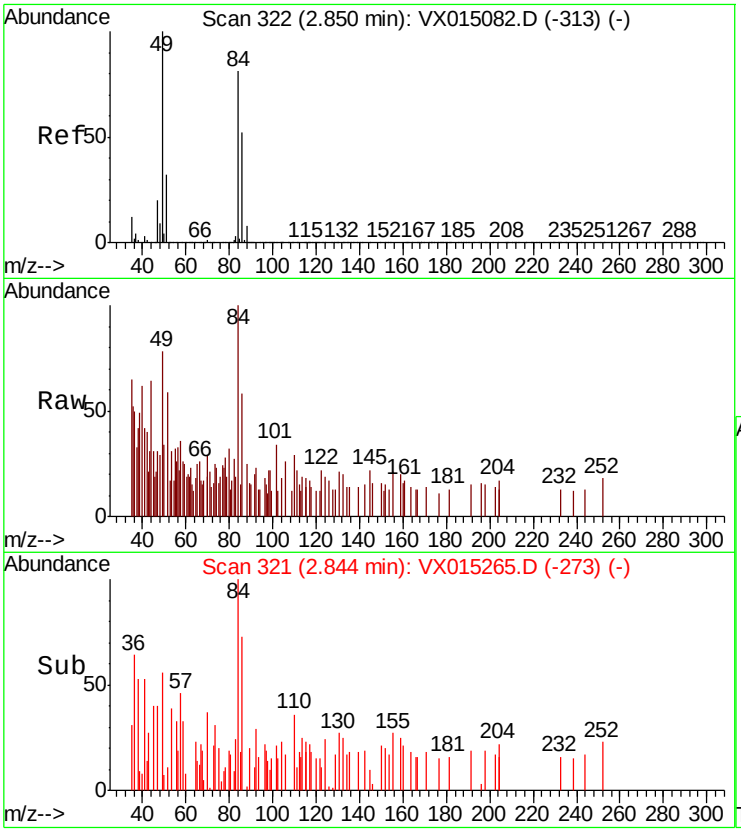


#19
Methyl tert-butyl Ether
Concen: 0.472 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 73 Resp: 3589

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.8	26.6



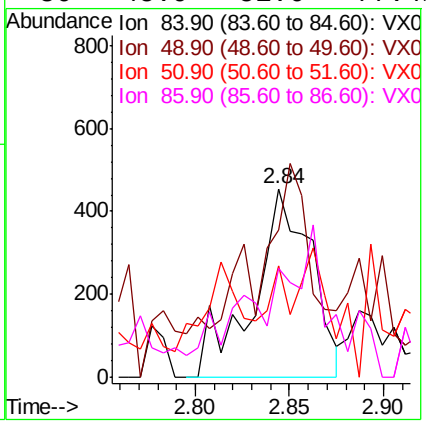


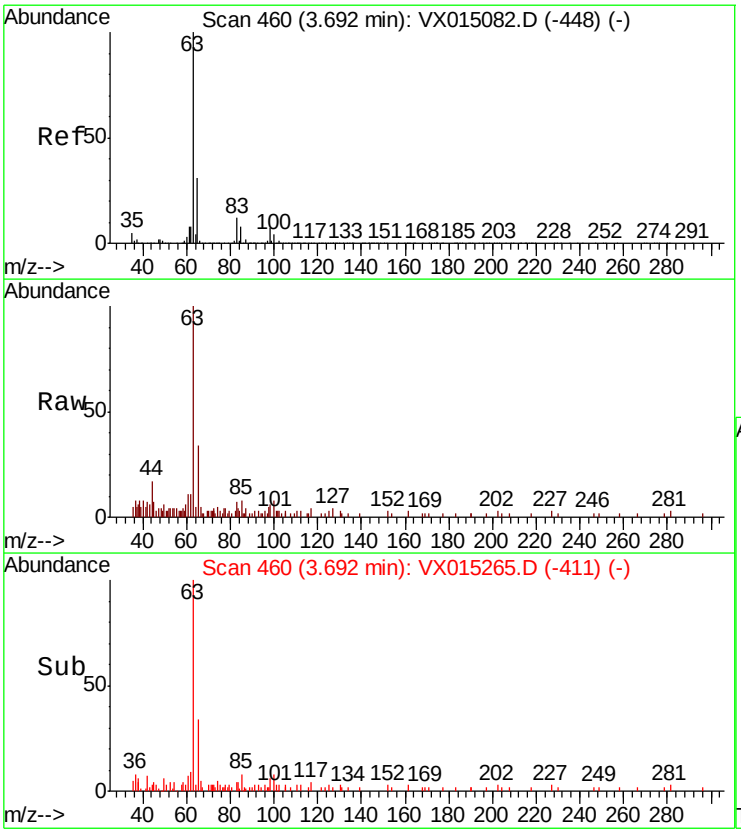
#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument : MSVOA_X
ClientSampleId : RE125D1-20200311

Tgt Ion: 84 Resp: 961

Ion	Ratio	Lower	Upper
84	100		
49	54.9	99.4	149.2#
51	38.2	31.5	47.3
86	45.9	51.6	77.4#

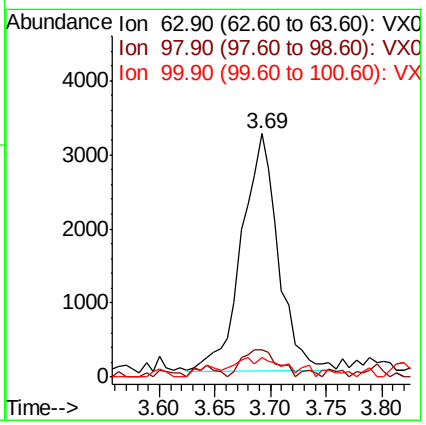


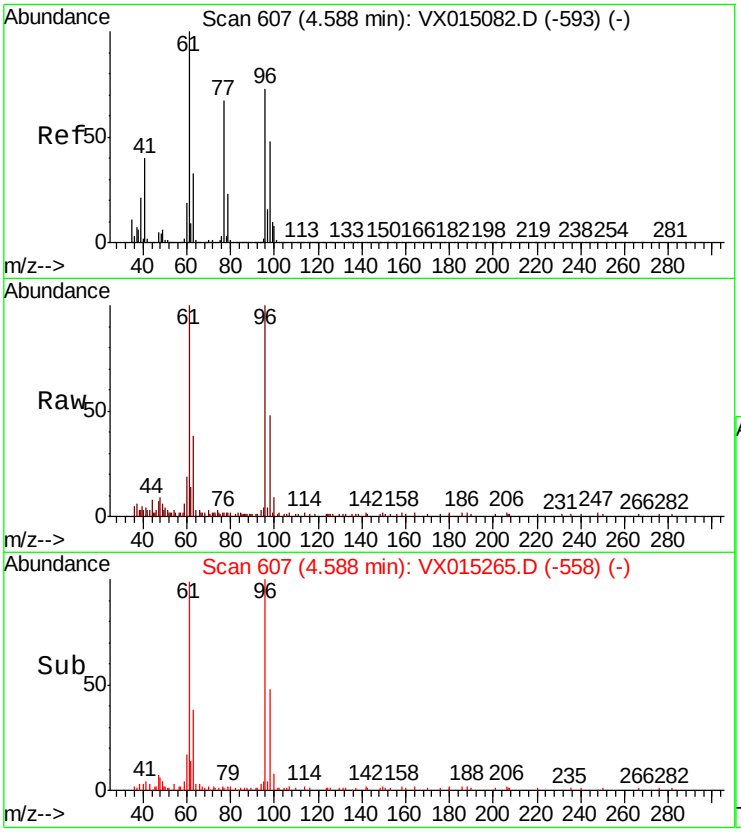


#24
1,1-Dichloroethane
Concen: 1.578 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 63 Resp: 7397

Ion	Ratio	Lower	Upper
63	100		
98	11.3	3.7	11.1#
100	8.2	2.1	6.5#



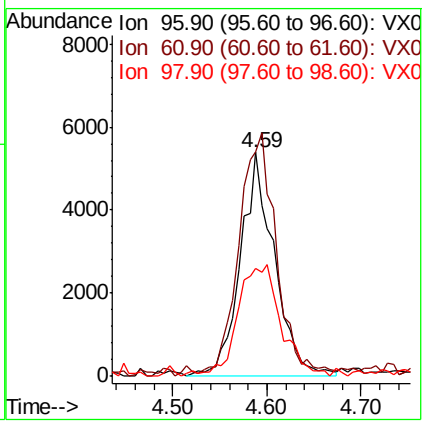


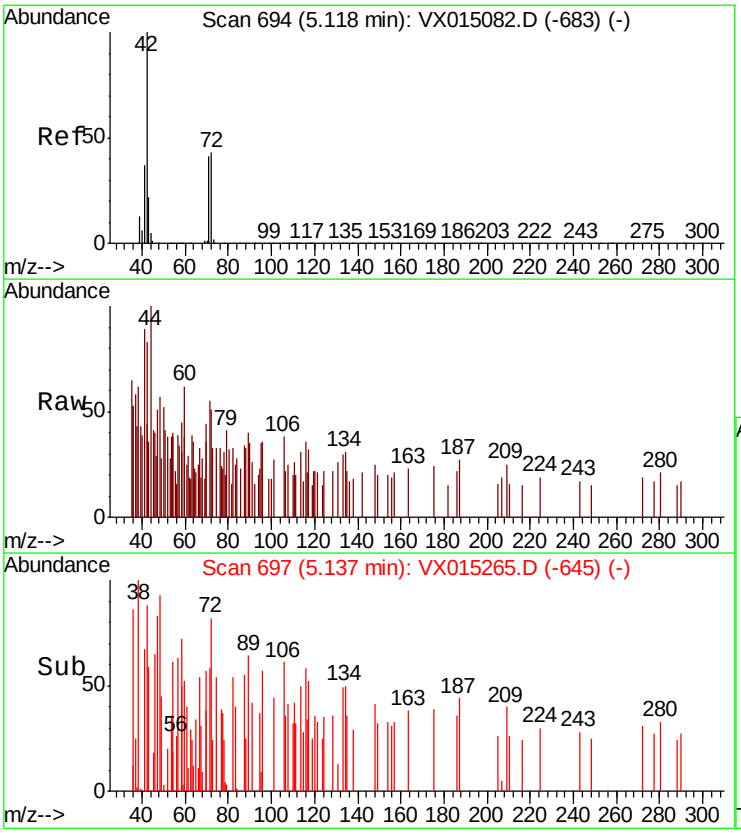
#27
cis-1,2-Dichloroethene
Concen: 4.674 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 96 Resp: 13617

Ion	Ratio	Lower	Upper
96	100		
61	114.3	0.0	286.8
98	62.3	0.0	128.4

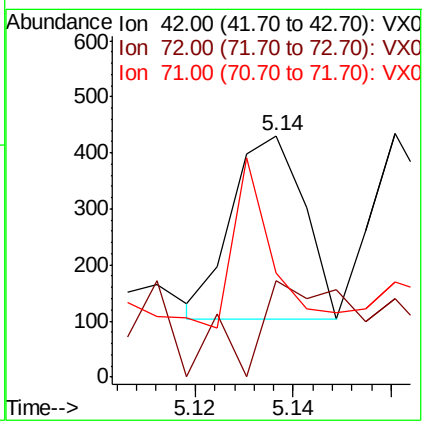


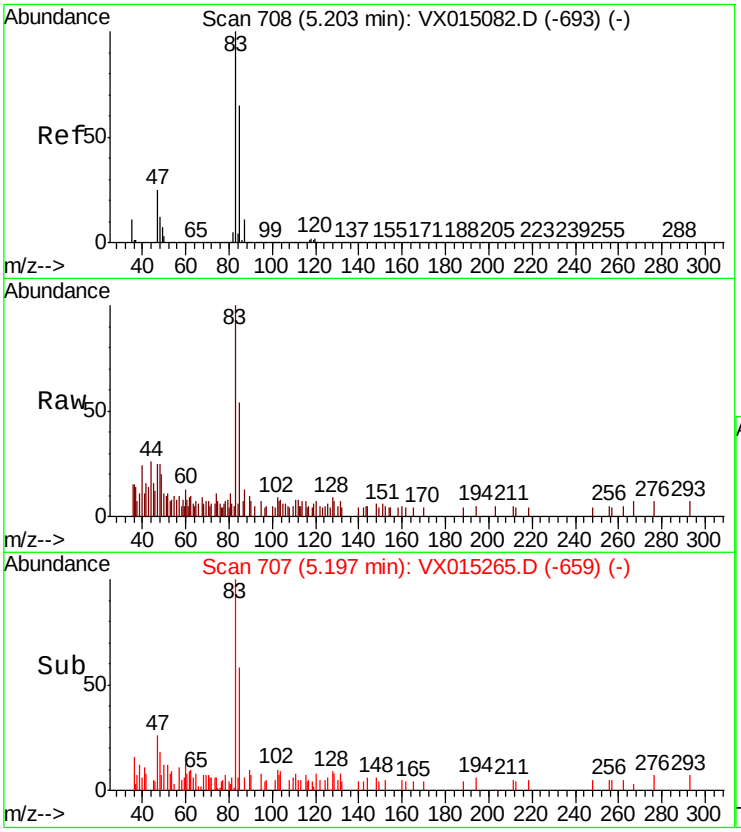


#29
Tetrahydrofuran
Concen: 0.294 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 42 Resp: 334

Ion	Ratio	Lower	Upper
42	100		
72	86.8	36.4	54.6#
71	79.9	33.3	49.9#



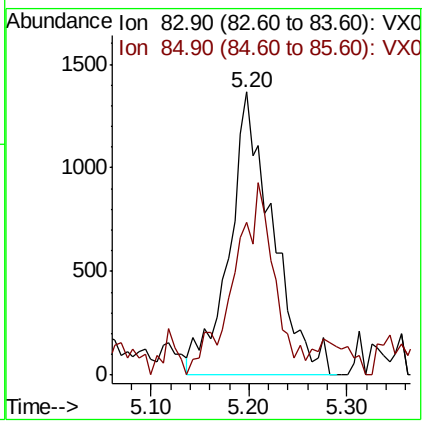


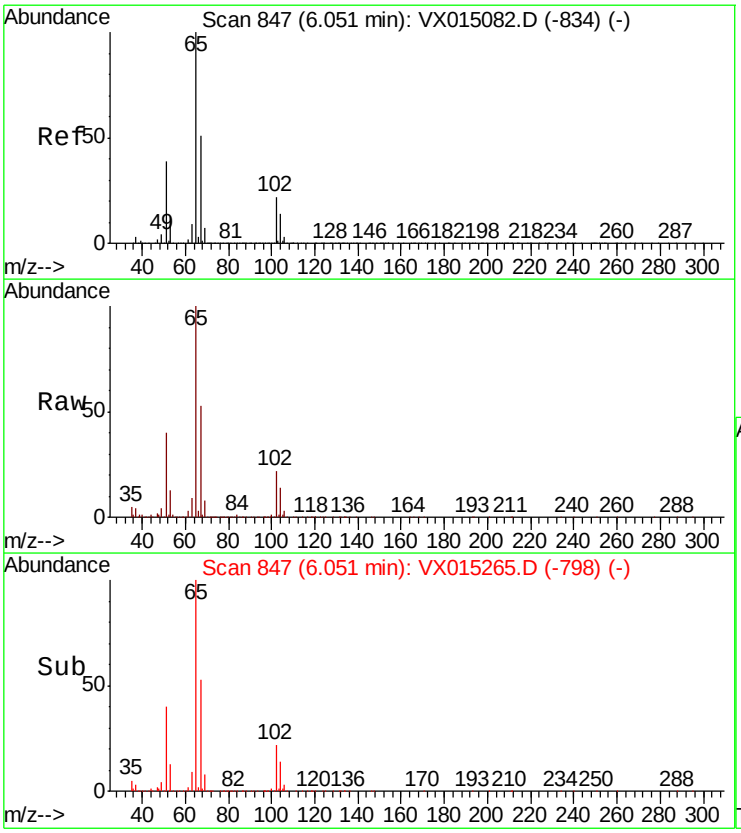
#30
Chloroform
Concen: 0.916 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 83 Resp: 4188

Ion	Ratio	Lower	Upper
83	100		
85	57.5	52.0	78.0

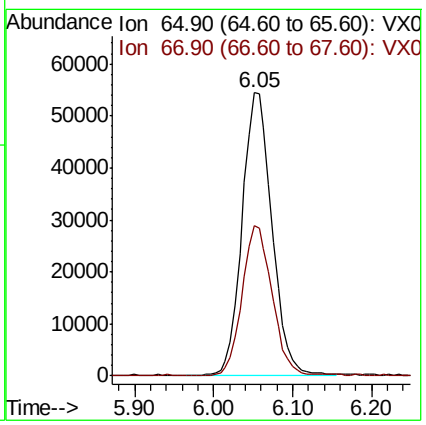


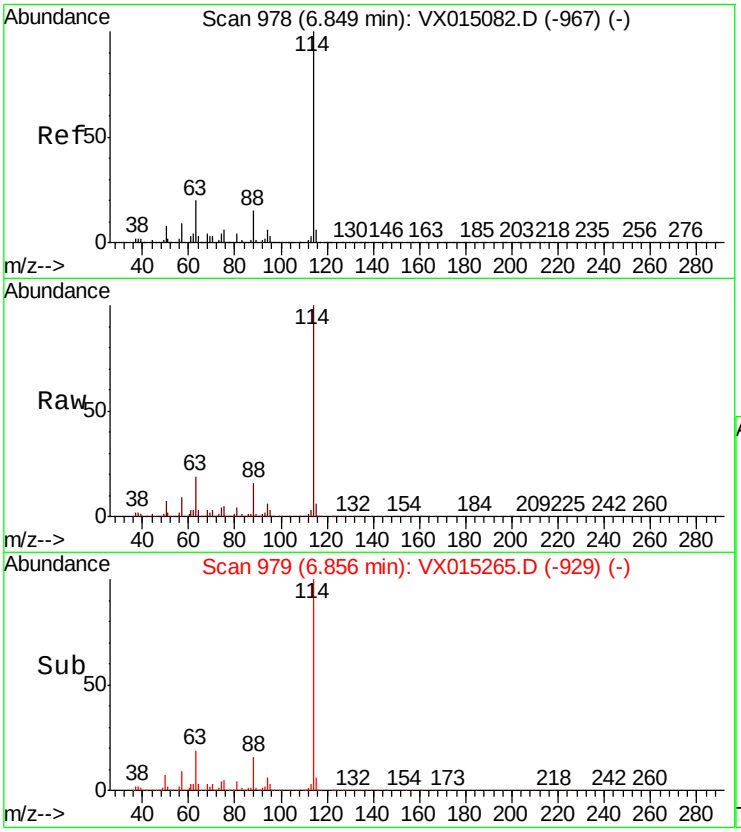


#33
1,2-Dichloroethane-d4
Concen: 47.988 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 65 Resp: 142474

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.6



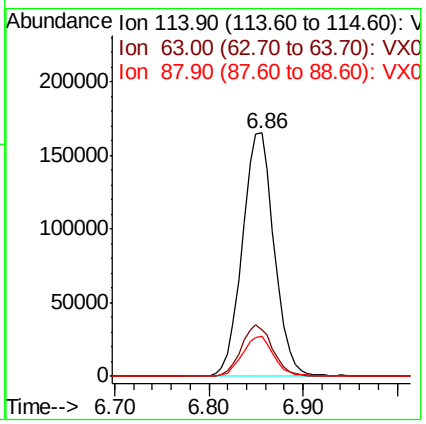


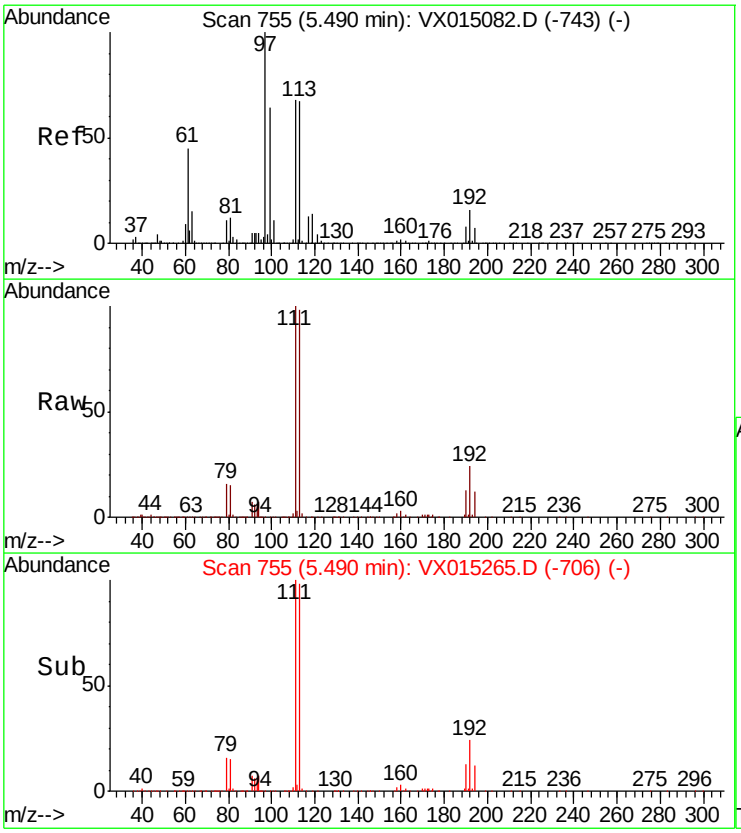
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion:114 Resp: 392481

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.0
88	16.4	0.0	30.6

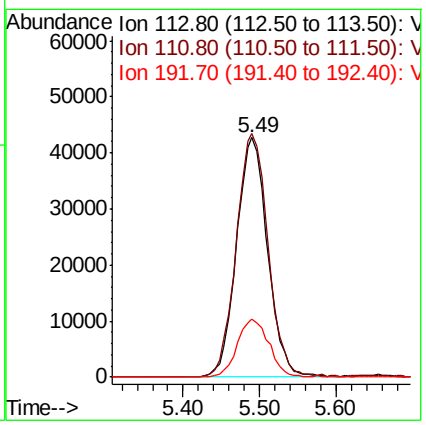


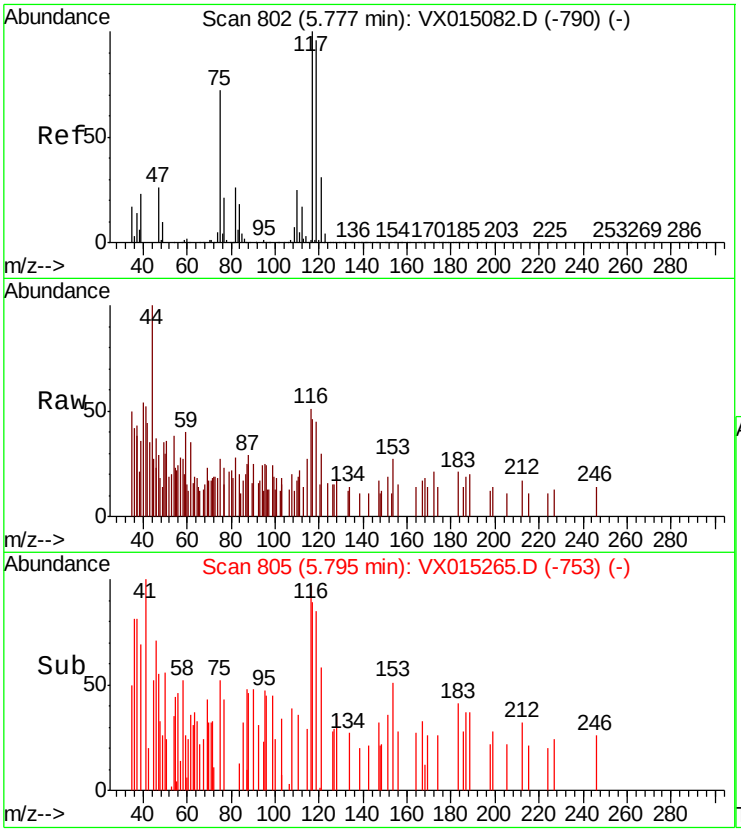


#35
Dibromofluoromethane
Concen: 48.845 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion:113 Resp: 120942

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	24.6	18.6	28.0



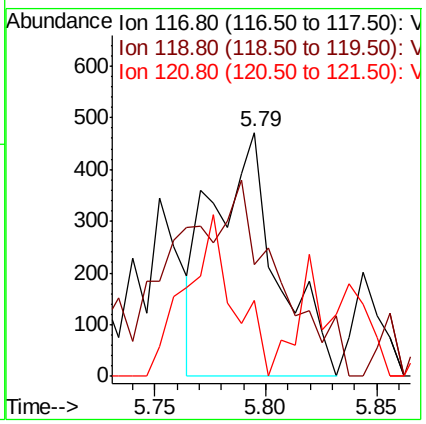


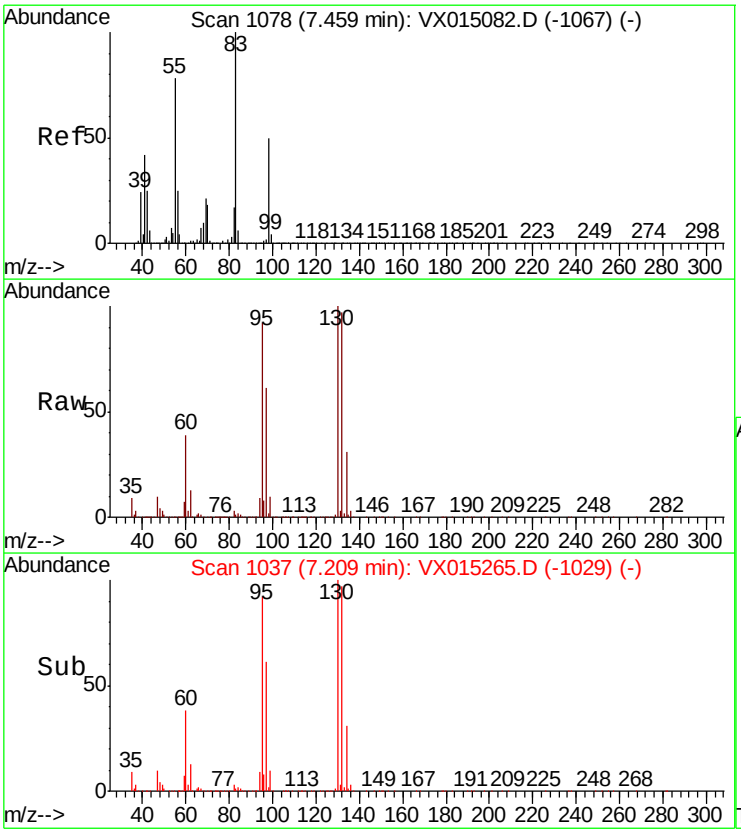
#38
Carbon Tetrachloride
Concen: 0.279 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.02 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion:117 Resp: 957

Ion	Ratio	Lower	Upper
117	100		
119	21.0	76.9	115.3#
121	5.9	24.6	37.0#

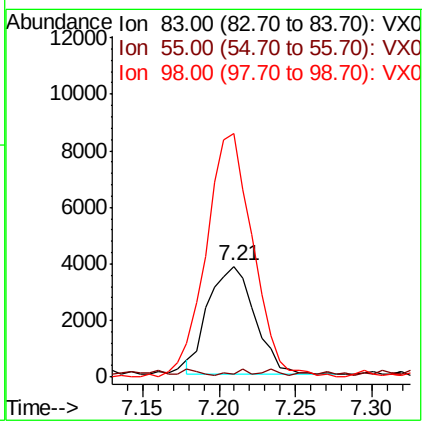


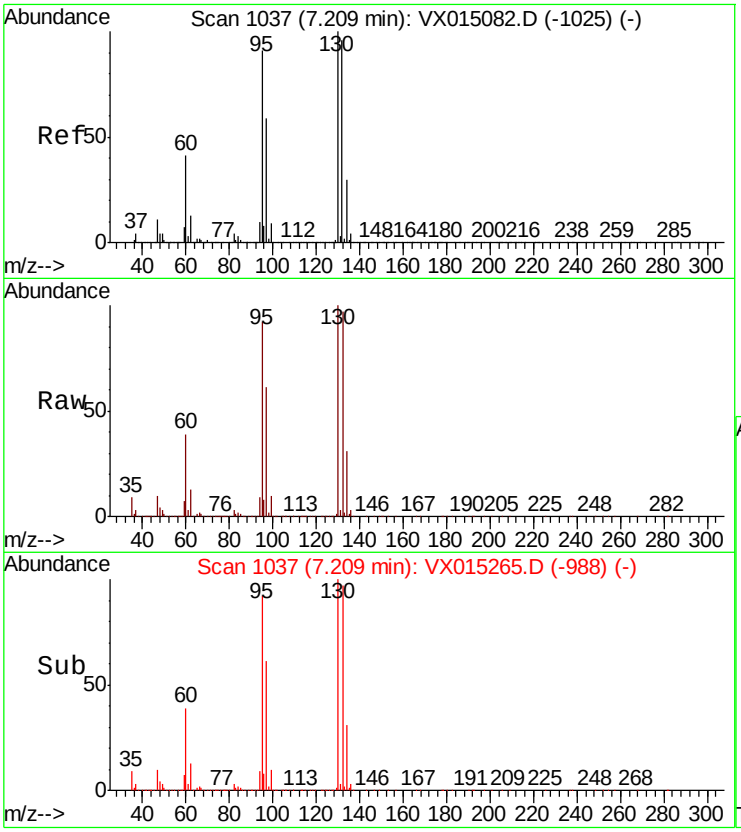


#39
Methylcyclohexane
Concen: 1.896 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 83 Resp: 8032

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.4	93.6#
98	225.4	39.7	59.5#



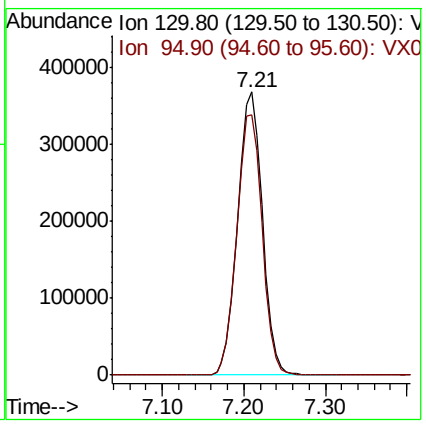


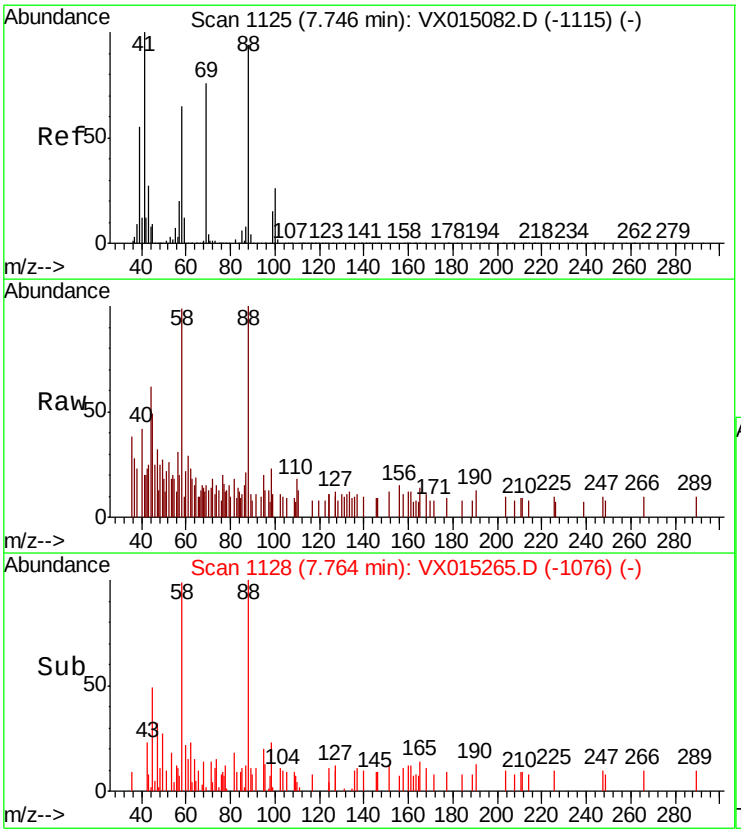
#44
Trichloroethene
Concen: 257.392 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion:130 Resp: 771640

Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	181.2

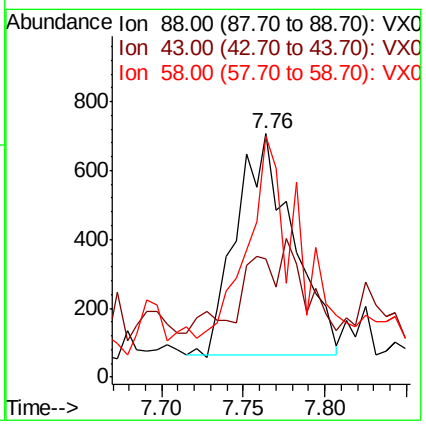


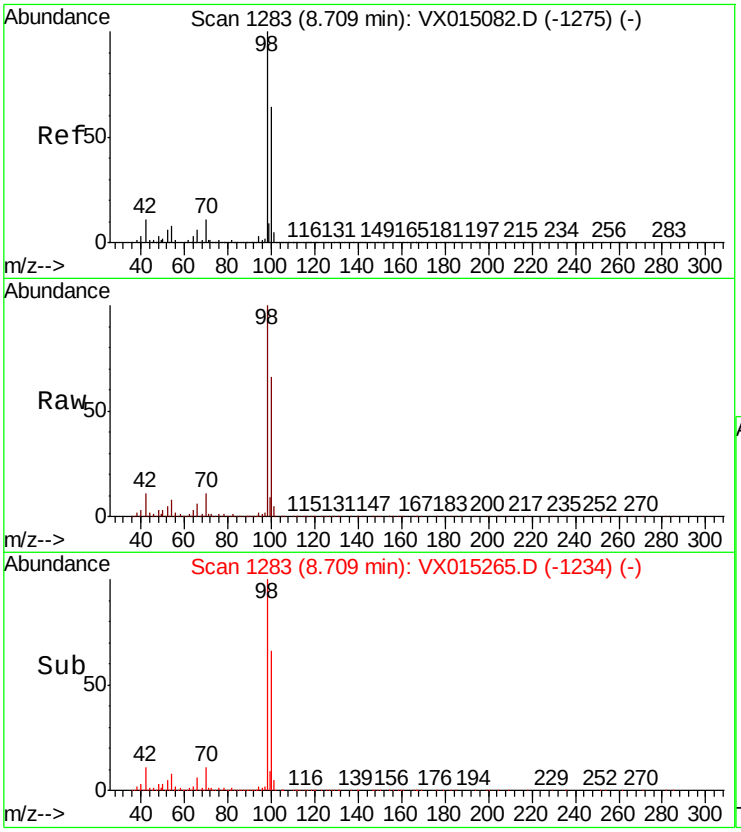


#49
1,4-Dioxane
Concen: 23.728 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.02 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 88 Resp: 1546

Ion	Ratio	Lower	Upper
88	100		
43	15.5	27.0	40.4#
58	77.2	55.6	83.4



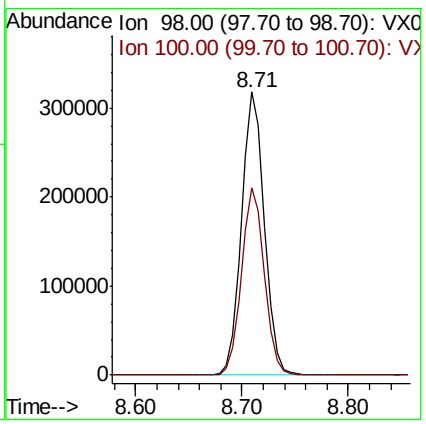


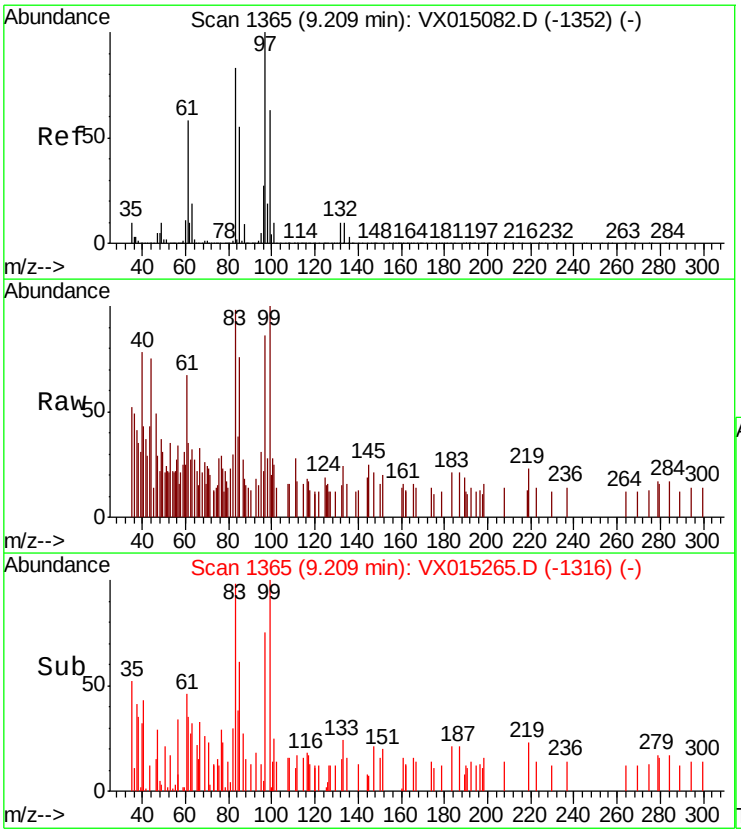
#50
Toluene-d8
Concen: 50.988 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument : MSVOA_X
ClientSampleId : RE125D1-20200311

Tgt Ion: 98 Resp: 480235

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6

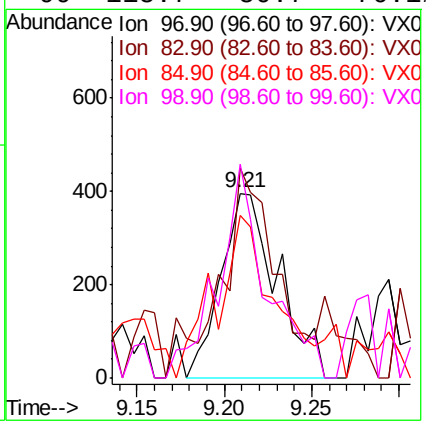


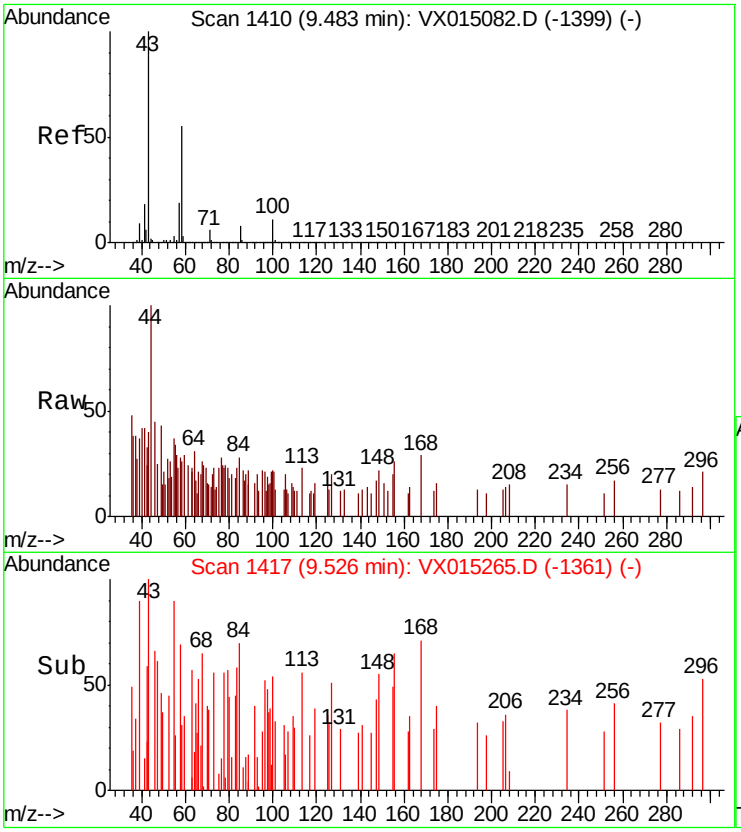


#55
1,1,2-Trichloroethane
Concen: 0.330 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 97 Resp: 894

Ion	Ratio	Lower	Upper
97	100		
83	92.2	66.4	99.6
85	68.4	43.5	65.3#
99	115.7	50.7	76.1#



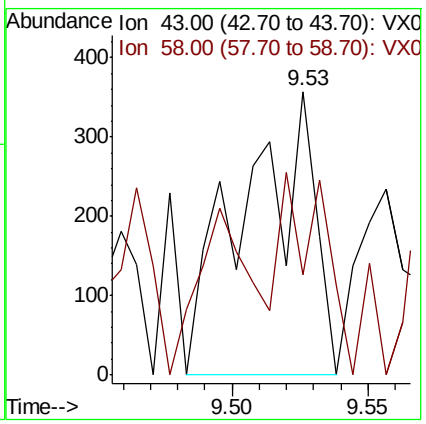


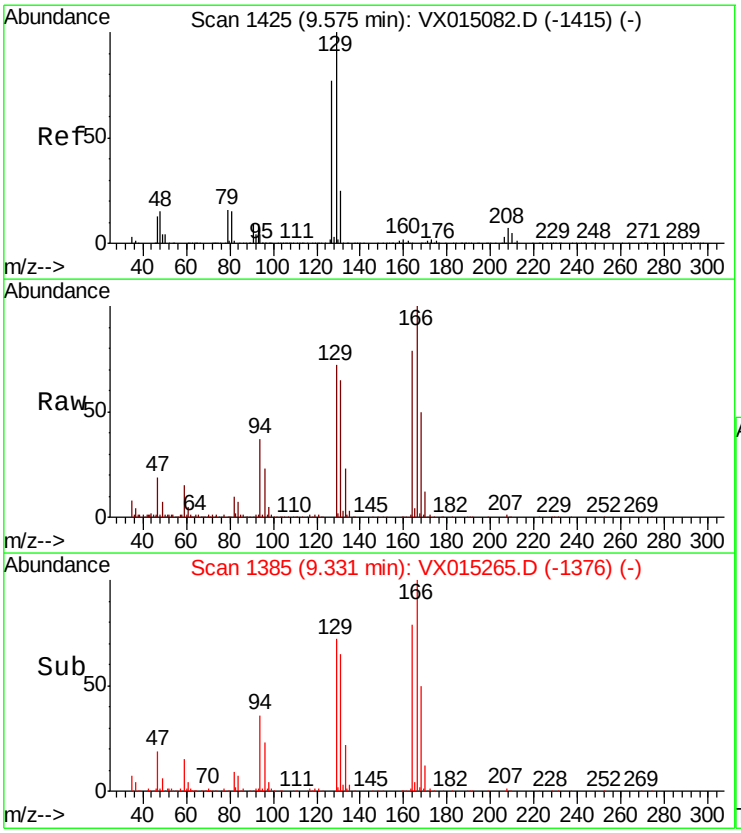
#59
2-Hexanone
Concen: 0.248 ug/l
RT: 9.53 min Scan# 1417
Delta R.T. 0.04 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 43 Resp: 644

Ion	Ratio	Lower	Upper
43	100		
58	42.1	27.3	81.8

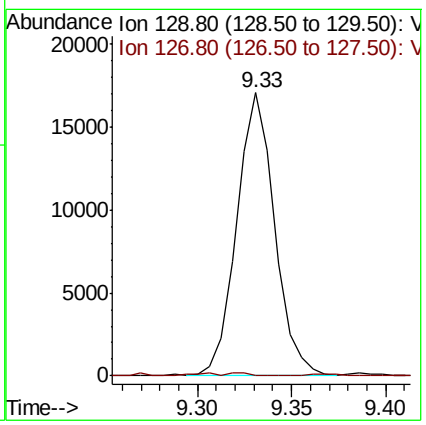


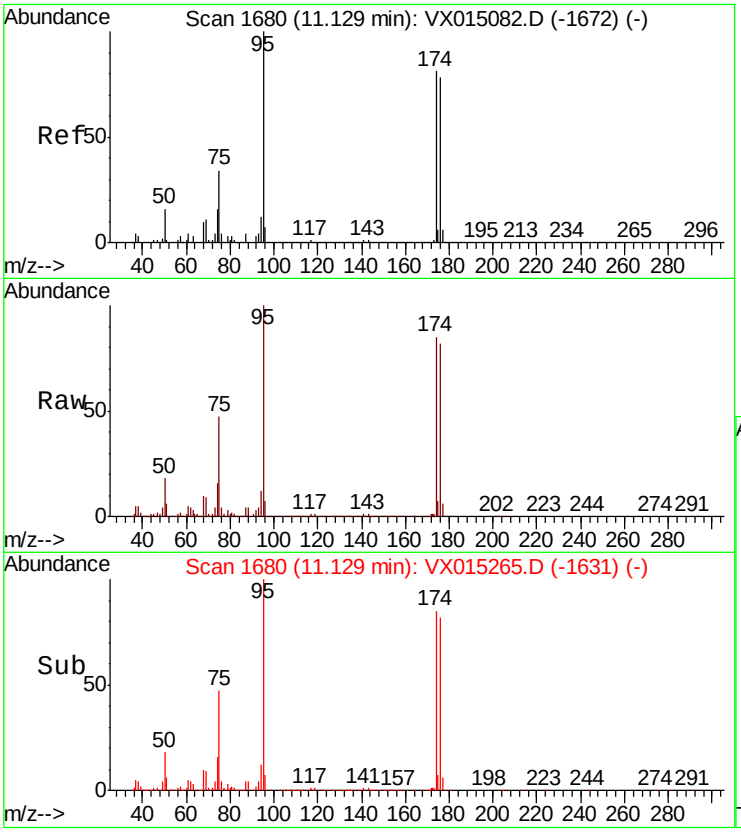


#60
Dibromochloromethane
Concen: 8.352 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.24 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion:129 Resp: 23767

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.3#



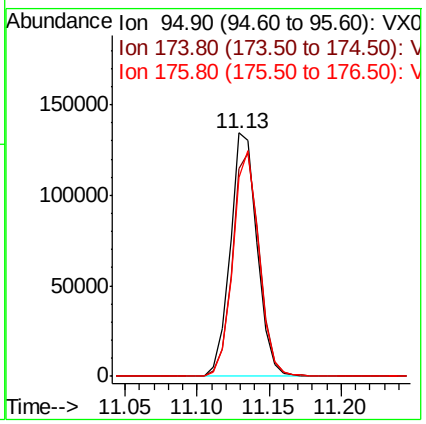


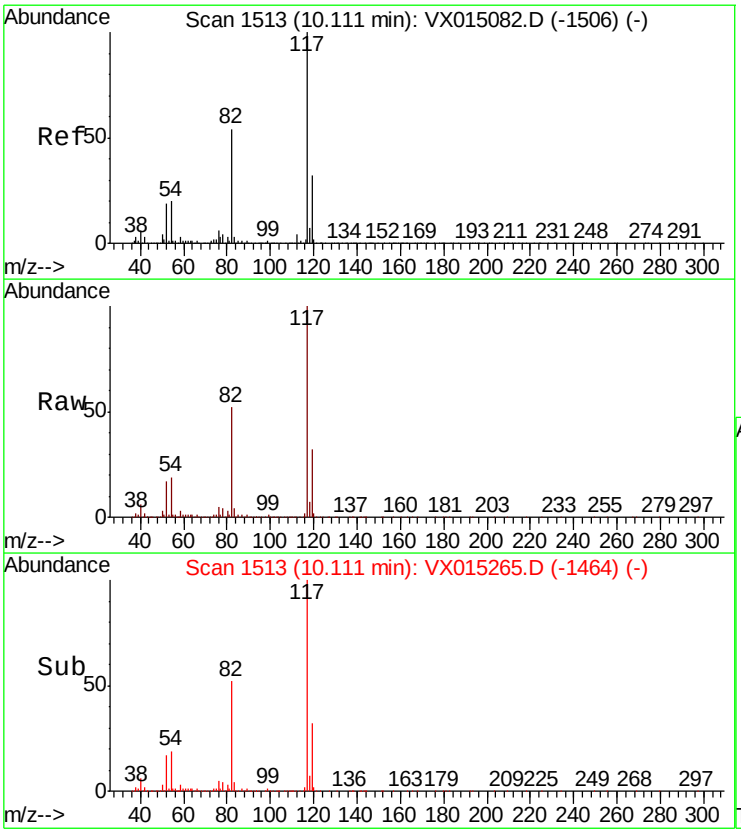
#62
4-Bromofluorobenzene
Concen: 52.503 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 95 Resp: 176382

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	177.6
176	89.6	0.0	170.2

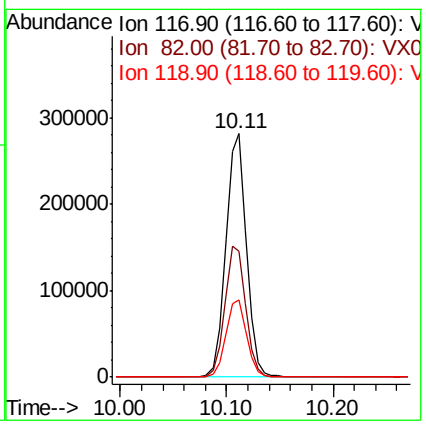


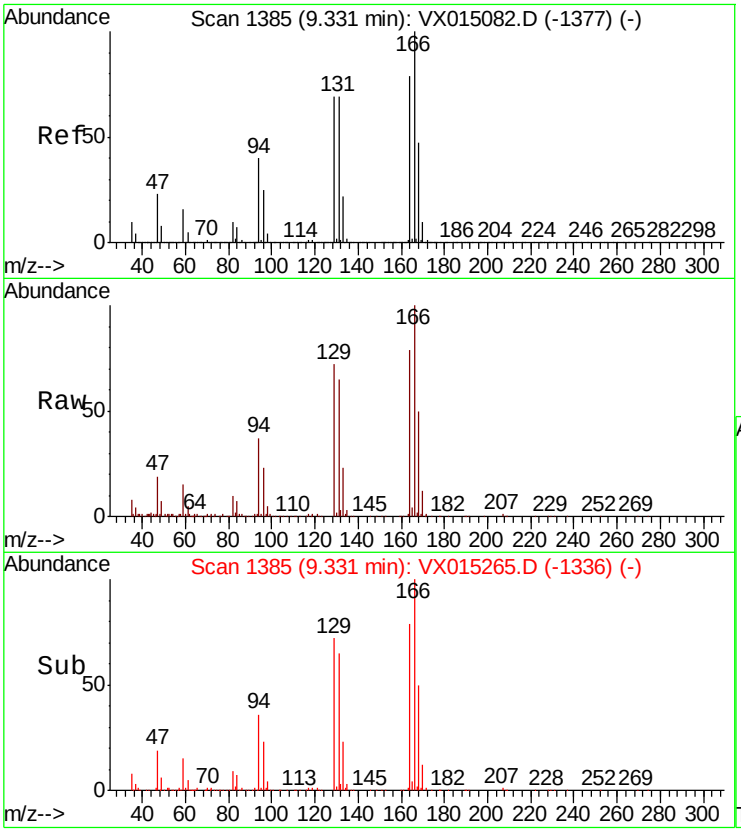


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion:117 Resp: 381084

Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.3	64.9
119	31.9	25.8	38.8



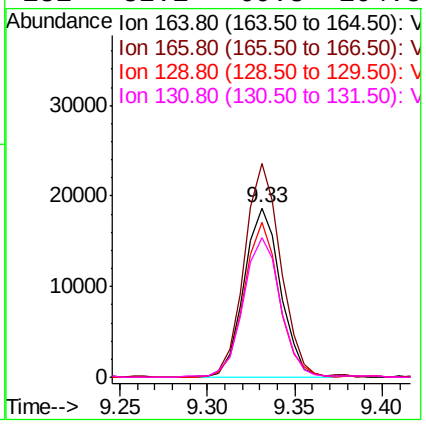


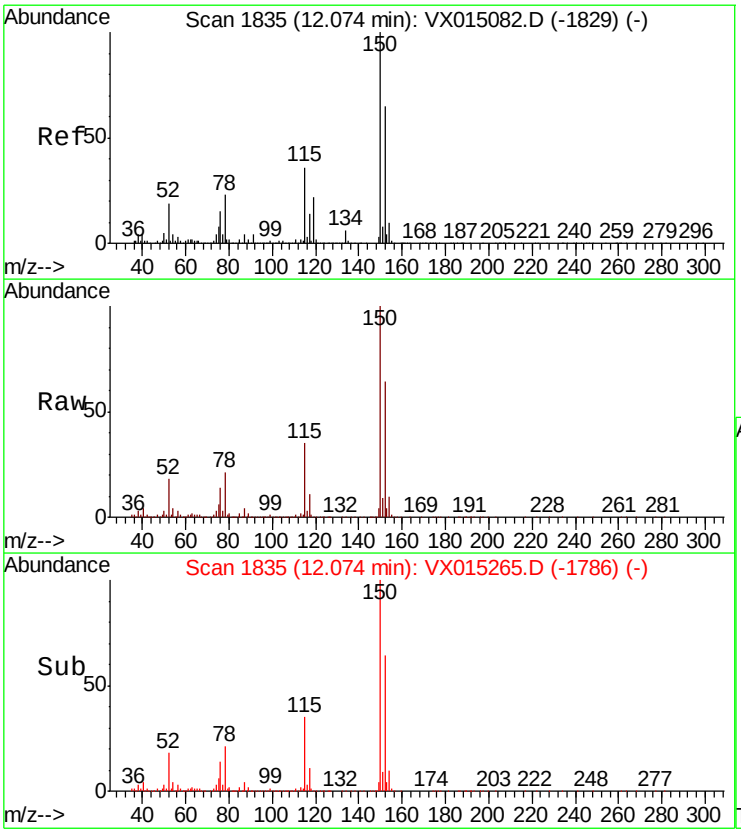
#64
Tetrachloroethene
Concen: 8.602 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion:164 Resp: 27104

Ion	Ratio	Lower	Upper
164	100		
166	126.1	101.1	151.7
129	91.3	69.4	104.0
131	82.1	69.8	104.8

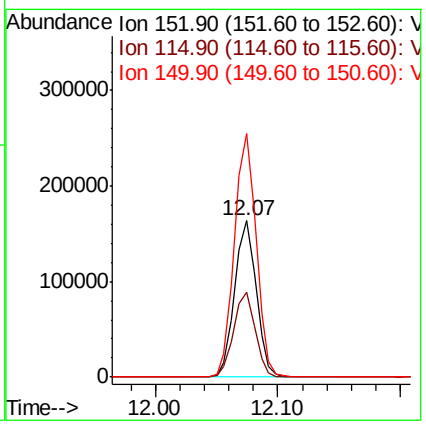


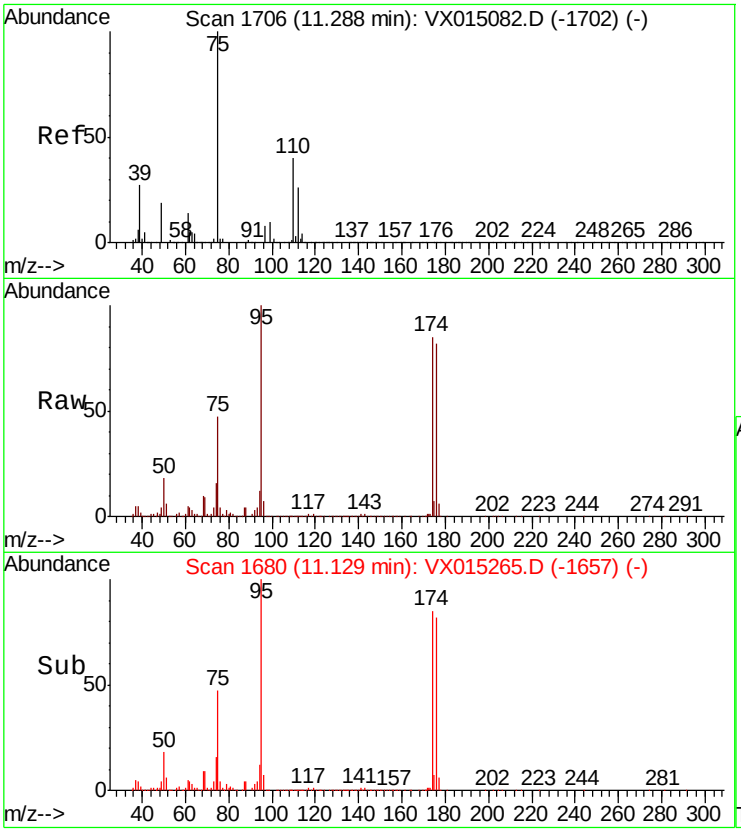


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion:152 Resp: 198773

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.2	114.6
150	156.9	0.0	343.8



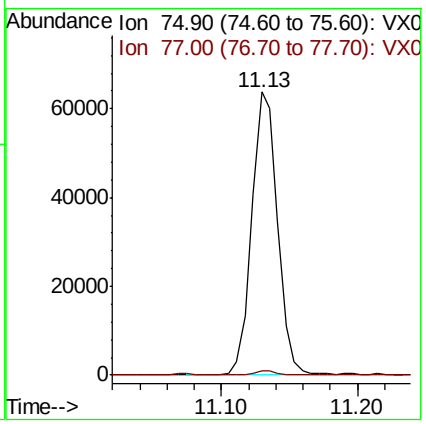


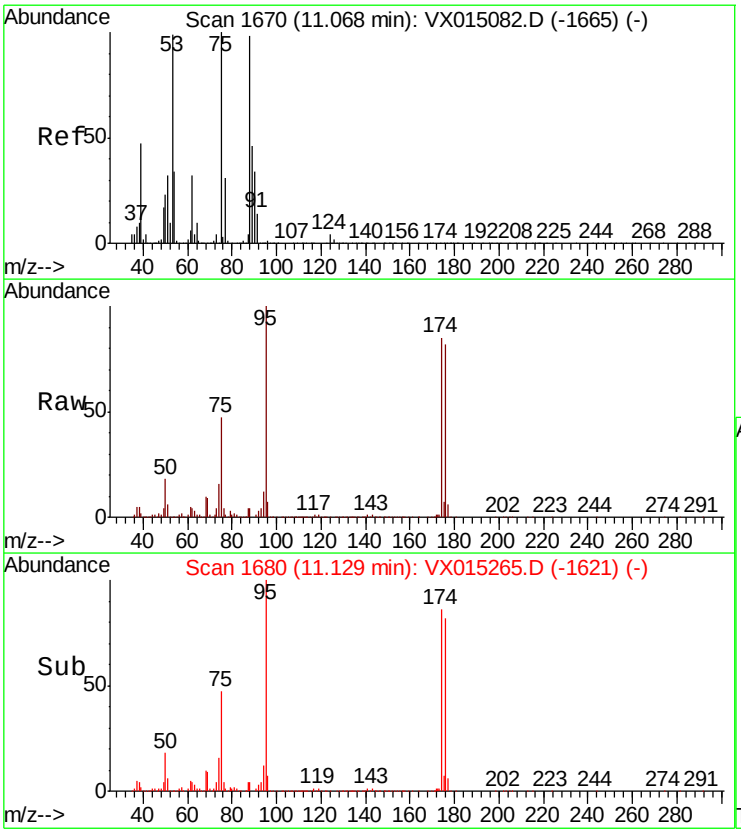
#76
1,2,3-Trichloropropane
Concen: 21.489 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 75 Resp: 85204

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.6	67.8#

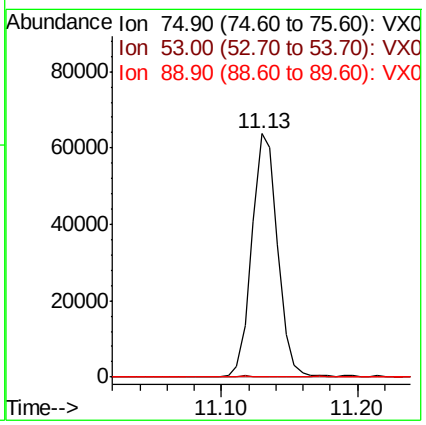


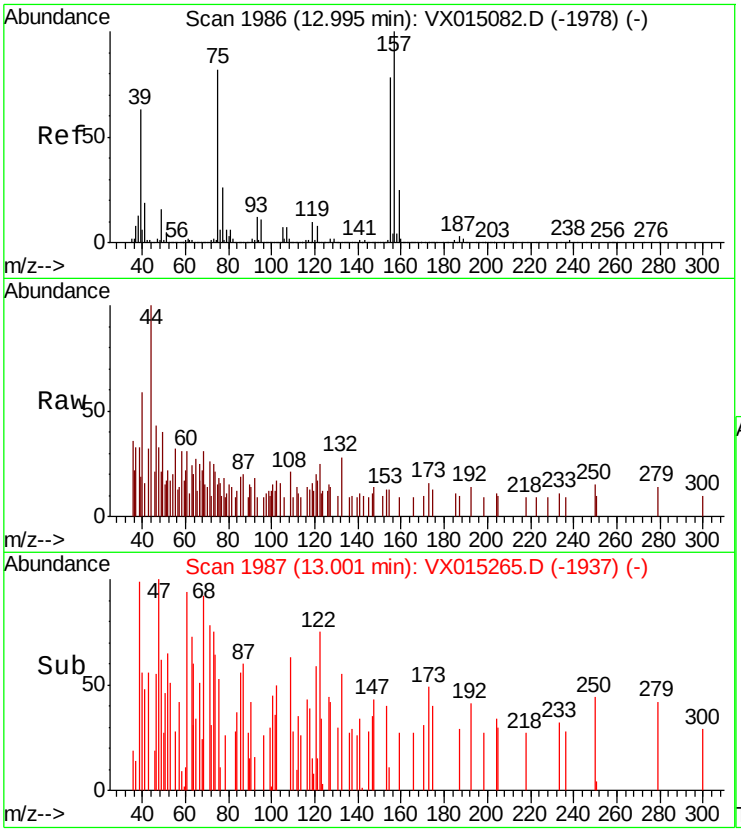


#81
trans-1,4-Dichloro-2-butene
Concen: 60.987 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion: 75 Resp: 85204

Ion	Ratio	Lower	Upper
75	100		
53	0.4	77.9	116.9#
89	0.1	36.2	54.2#



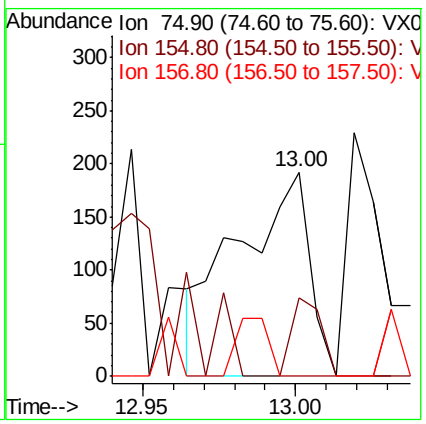


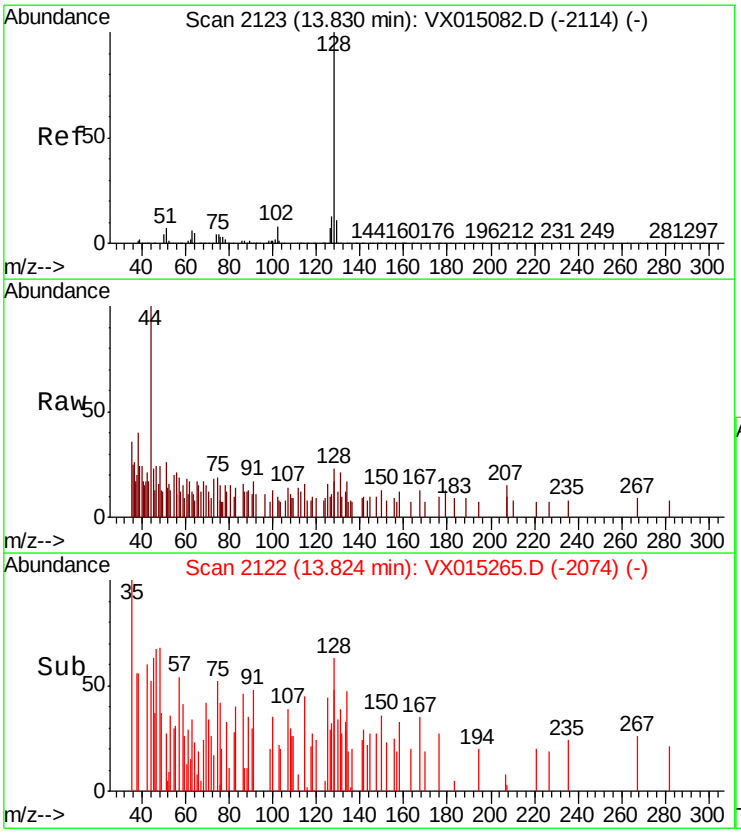
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.375 ug/l
RT: 13.00 min Scan# 1987
Delta R.T. 0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

Tgt Ion: 75 Resp: 318

Ion	Ratio	Lower	Upper
75	100		
155	15.7	46.6	139.7#
157	12.6	59.2	177.5#





#95
Naphthalene
Concen: 1.451 ug/l
RT: 13.82 min Scan# 2122
Delta R.T. -0.01 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion:128 Resp: 424

Ion	Ratio	Lower	Upper
128	100		
127	22.4	10.3	15.5#
129	7.3	8.6	13.0#