Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030920\
Data File : VX015136.D
Acq On : 09 Mar 2020 12:43
Operator : JC/SP
Sample : L1842-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D2-20200305

Quant Time: Mar 09 14:04:04 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	352950	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	574492	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	547549	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	274325	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	215144	51.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.76%				
35) Dibromofluoromethane	5.49	113	178720	49.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.62%				
50) Toluene-d8	8.71	98	690745	50.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.20%				
62) 4-Bromofluorobenzene	11.13	95	251072	51.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	6117	1.98	ug/l		94
3) Chloromethane	1.32	50	1132	0.26	ug/l	#	76
5) Bromomethane	1.65	94	1206	0.44	ug/l	#	70
8) Diethyl Ether	2.10	74	491	0.21	ug/l		81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	11239	3.38	ug/l		98
10) Methyl Iodide	2.50	142	1020	0.27	ug/l	#	72
11) Tert butyl alcohol	3.06	59	200	0.28	ug/l	#	1
12) 1,1-Dichloroethene	2.37	96	1449	0.42	ug/l	#	76
13) Acrolein	2.29	56	203	0.30	ug/l	#	15
16) Acetone	2.43	43	4484	2.64	ug/l	#	88
20) Methylene Chloride	2.86	84	997	0.25	ug/l	#	27
24) 1,1-Dichloroethane	3.69	63	1737	0.26	ug/l	#	93
25) 2-Butanone	4.66	43	635	0.26	ug/l	#	79
28) Bromochloromethane	5.03	49	610	0.20	ug/l	#	59
29) Tetrahydrofuran	5.17	42	507	0.32	ug/l		96
31) Cyclohexane	5.64	56	7032	1.19	ug/l	#	3
36) 1,1-Dichloropropene	5.65	75	24895	4.69	ug/l	#	53
38) Carbon Tetrachloride	5.65	117	31363	6.26	ug/l	#	17
44) Trichloroethene	7.21	130	8618	1.96	ug/l		99
49) 1,4-Dioxane	7.74	88	1421	14.90	ug/l	#	75
55) 1,1,2-Trichloroethane	9.20	97	919	0.23	ug/l	#	82
76) 1,2,3-Trichloropropane	11.13	75	125109	22.86	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.13	75	125109	64.89	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.00	75	541	0.46	ug/l	#	32
94) Hexachlorobutadiene	13.79	225	618	0.20	ug/l		81
95) Naphthalene	13.83	128	1617	1.51	ug/l	#	73

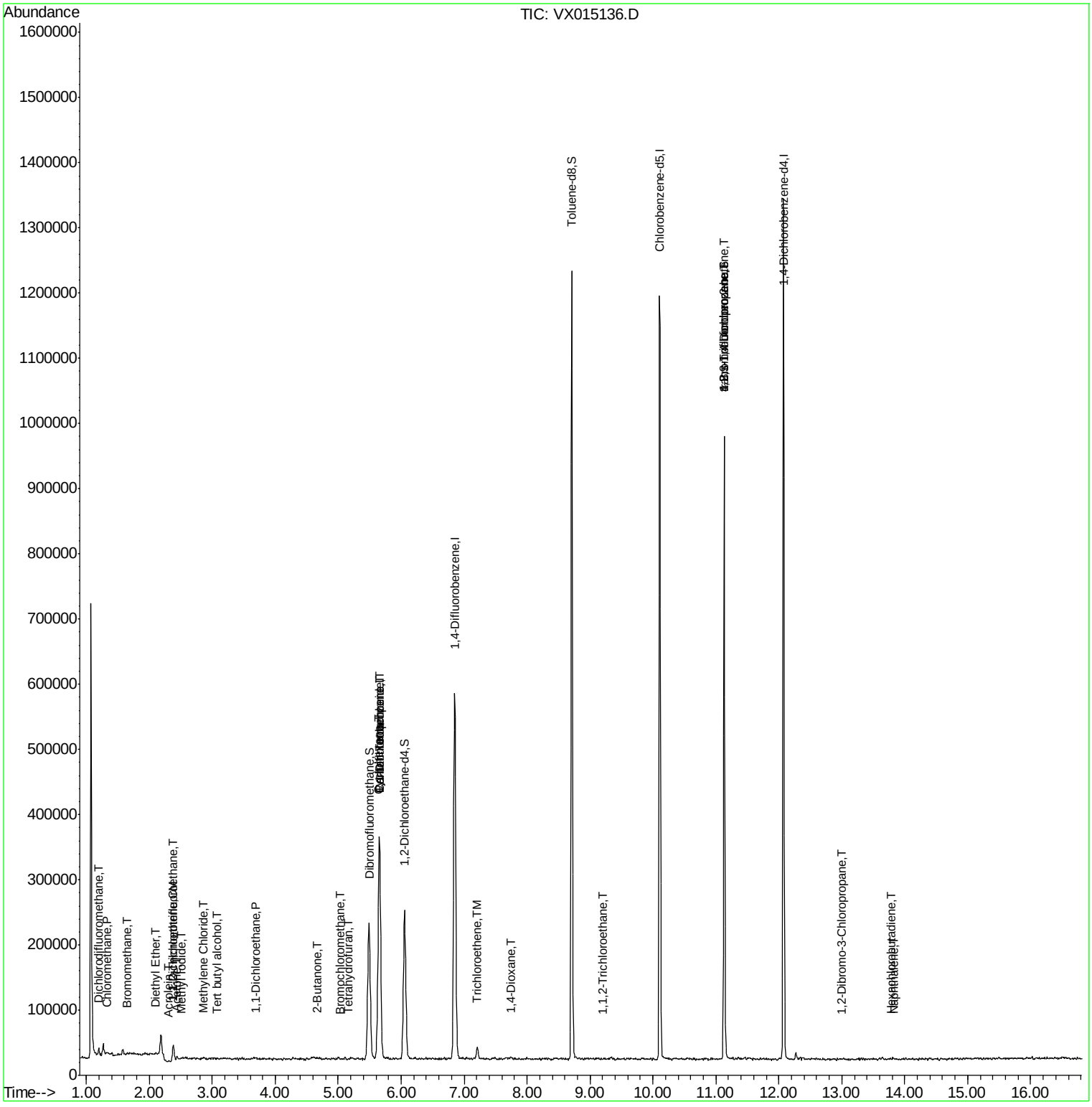
(#) = qualifier out of range (m) = manual integration (+) = signals summed

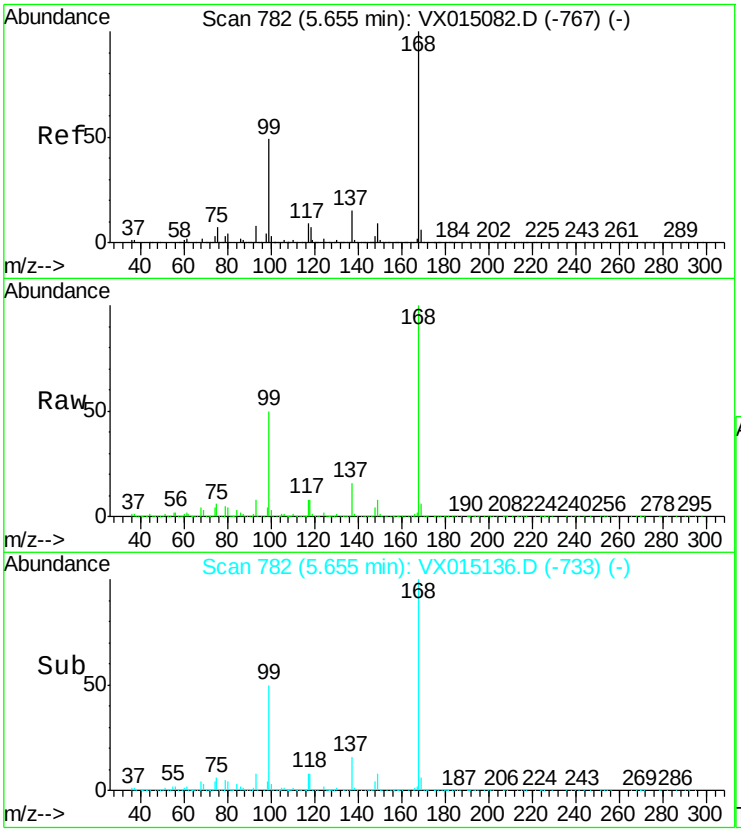
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030920\
Data File : VX015136.D
Acq On : 09 Mar 2020 12:43
Operator : JC/SP
Sample : L1842-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Quant Time: Mar 09 14:04:04 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



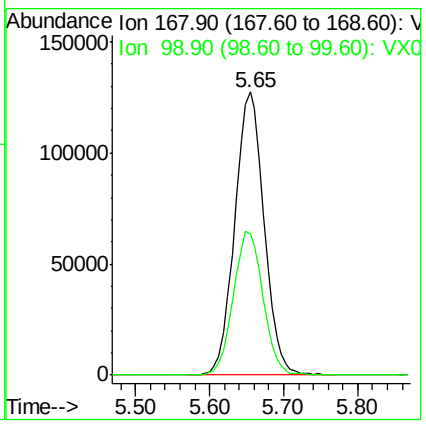


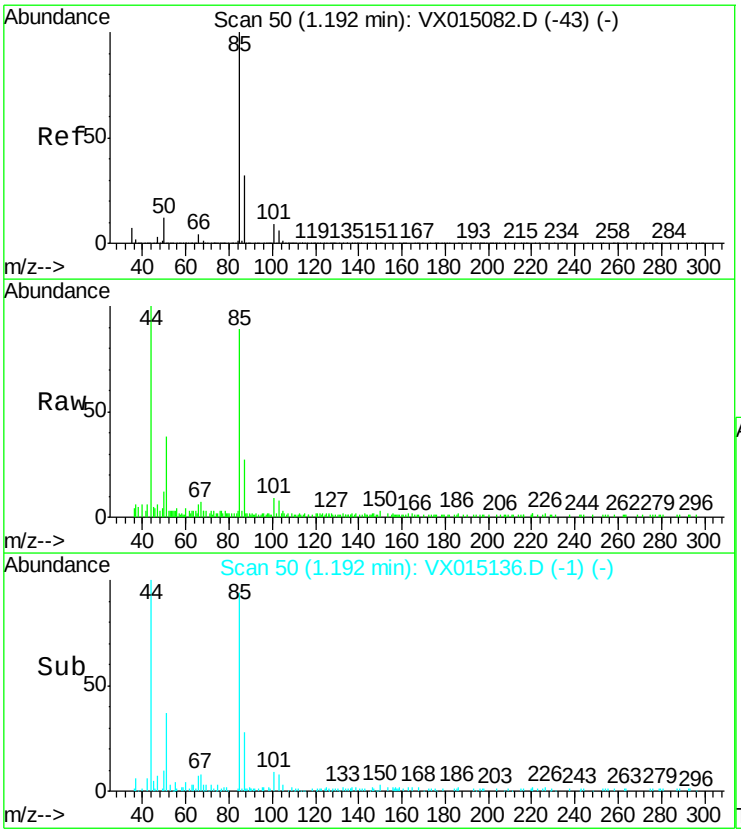
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion:168 Resp: 352950

Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.4	59.2

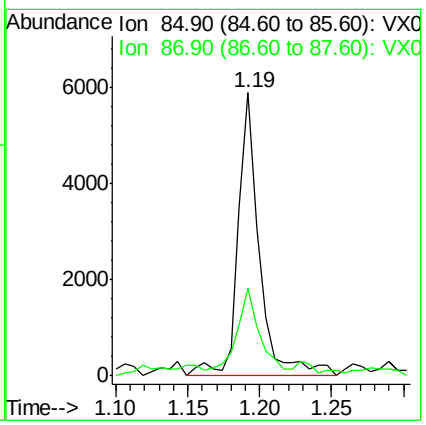


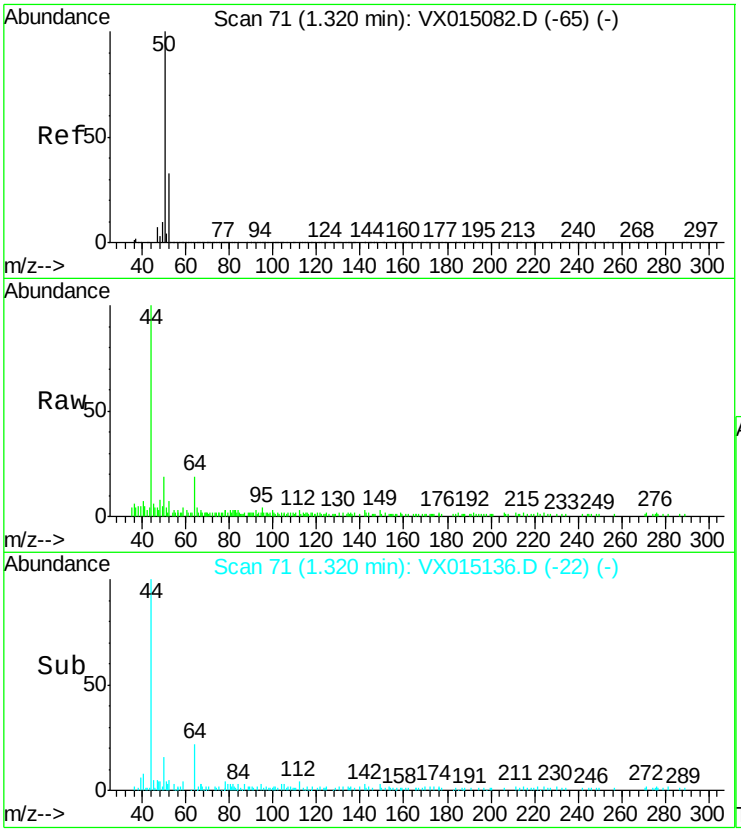


#2
Dichlorodifluoromethane
Concen: 1.98 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 85 Resp: 6117

Ion	Ratio	Lower	Upper
85	100		
87	28.9	16.2	48.5



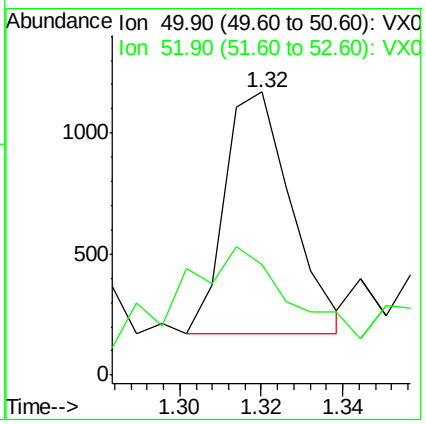


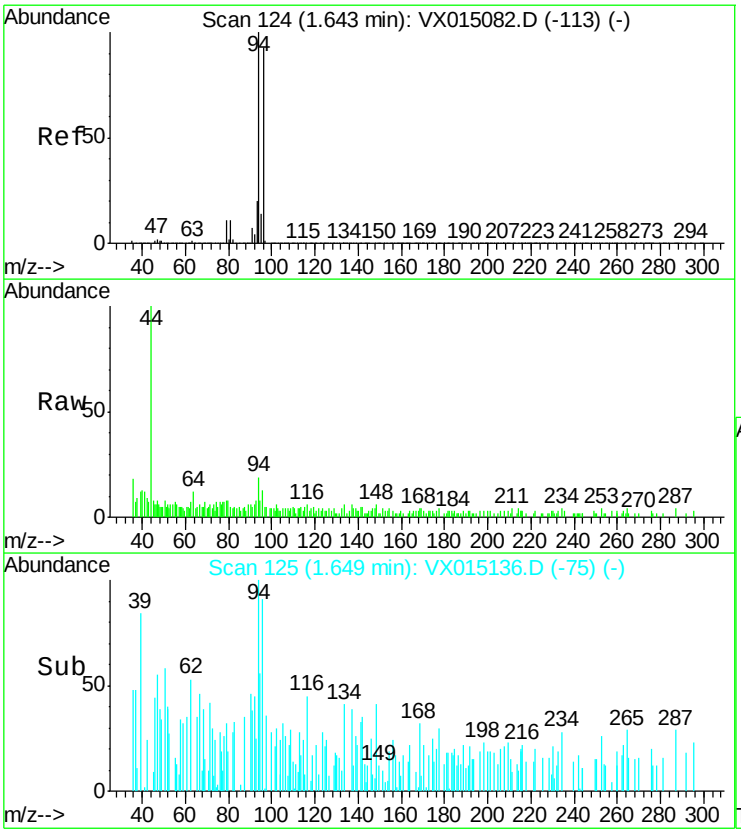
#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 50 Resp: 1132

Ion	Ratio	Lower	Upper
50	100		
52	19.3	26.2	39.2#

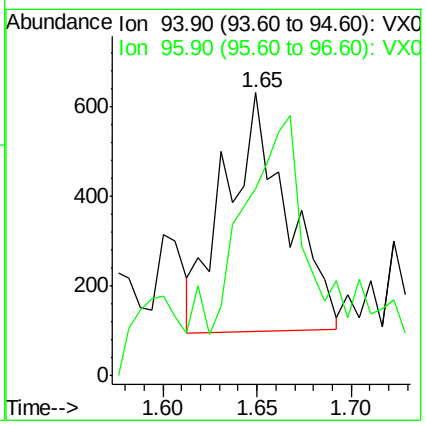


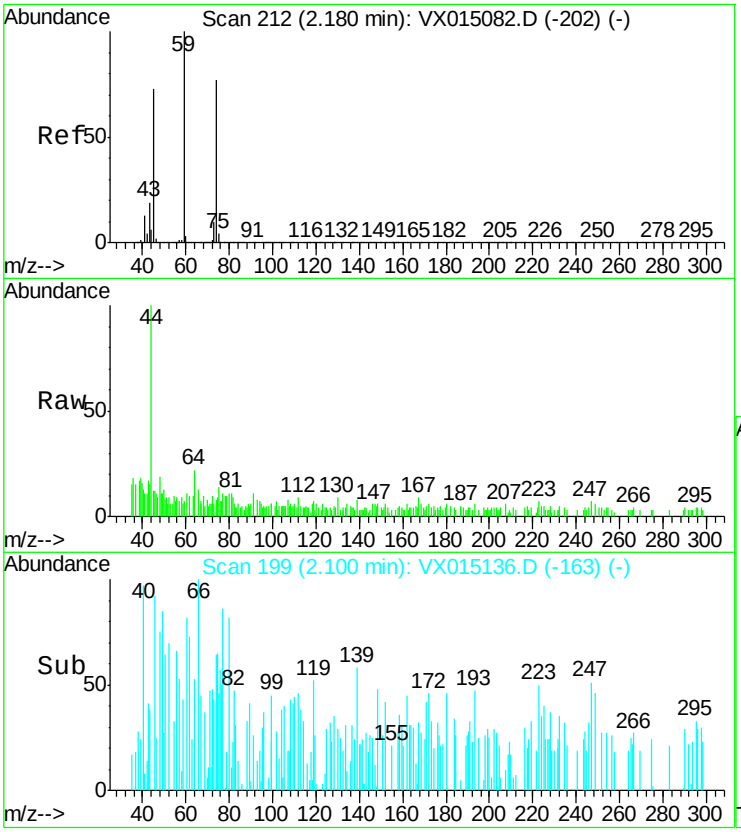


#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 94 Resp: 1206

Ion	Ratio	Lower	Upper
94	100		
96	63.9	74.6	111.8#



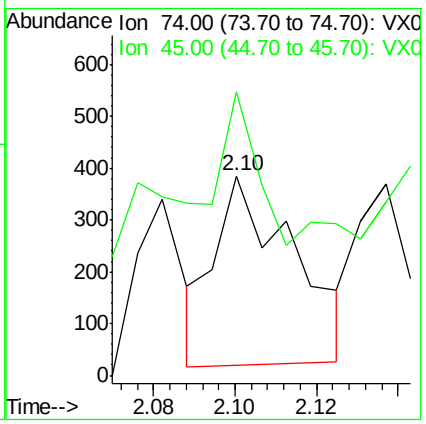


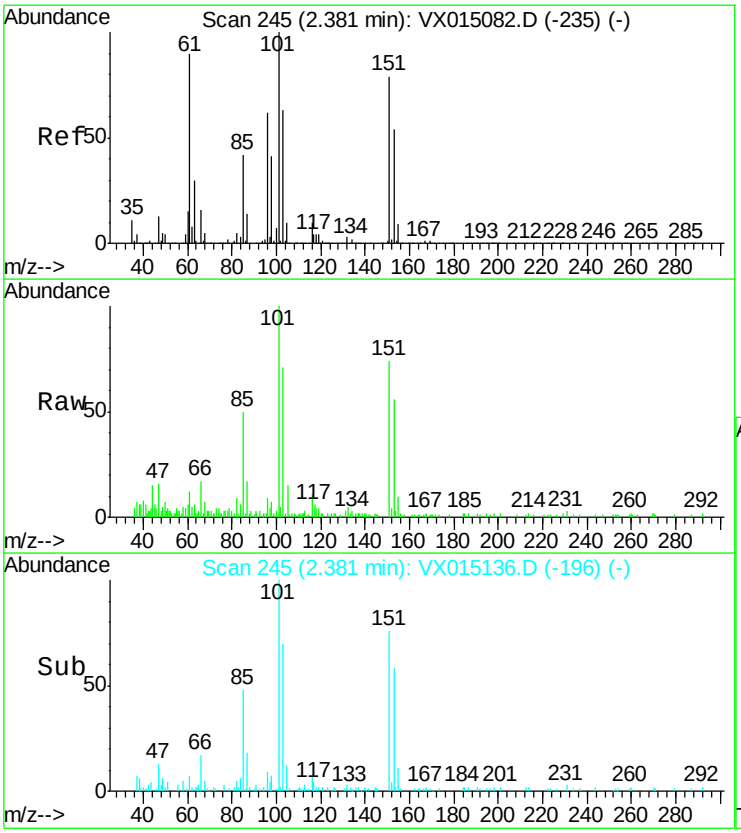
#8
Diethyl Ether
Concen: 0.21 ug/l
RT: 2.10 min Scan# 199
Delta R.T. -0.08 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 74 Resp: 491

Ion	Ratio	Lower	Upper
74	100		
45	80.0	49.2	147.6

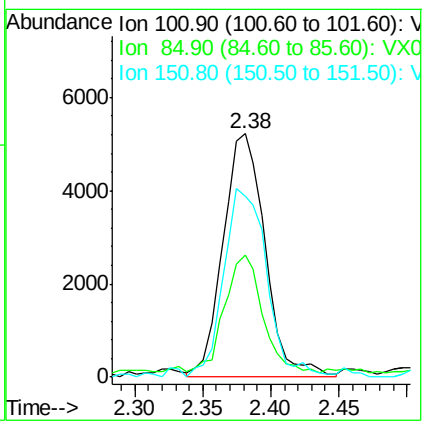


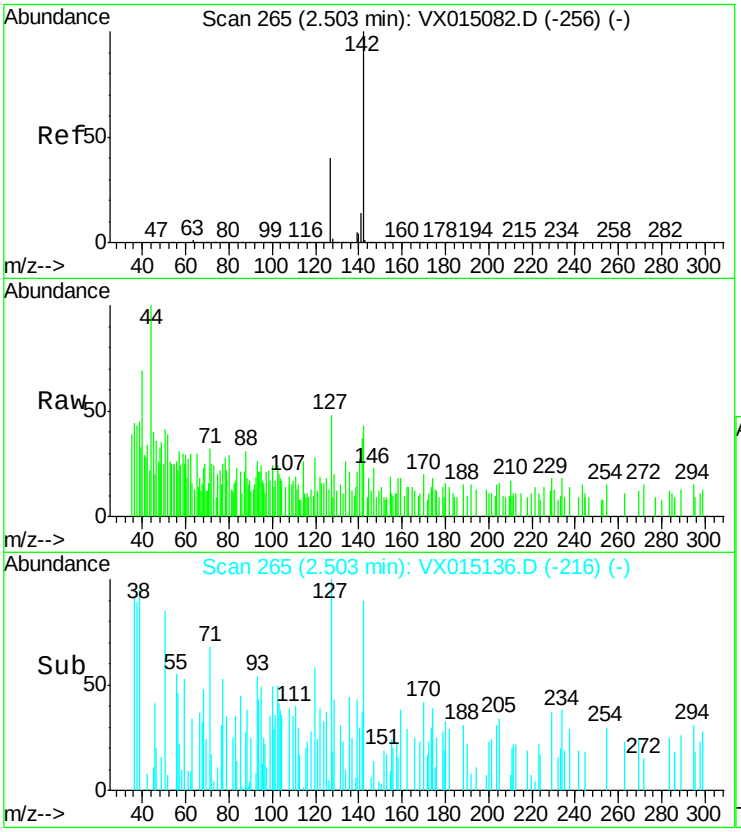


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.38 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion:101 Resp: 11239

Ion	Ratio	Lower	Upper
101	100		
85	44.1	33.7	50.5
151	79.1	64.0	96.0



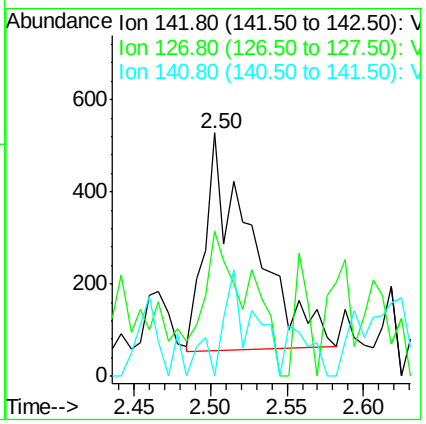


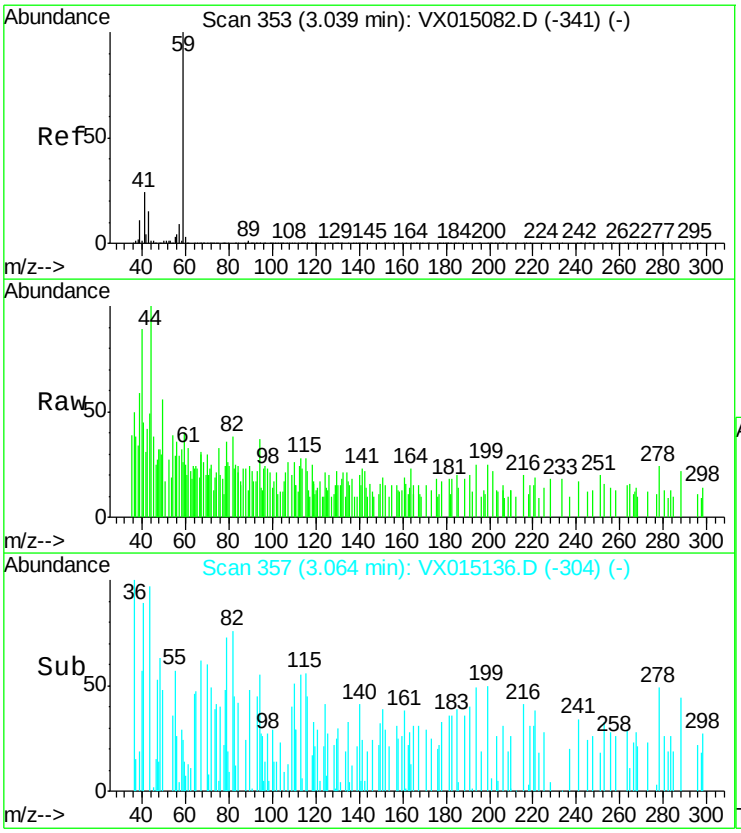
#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion:142 Resp: 1020

Ion	Ratio	Lower	Upper
142	100		
127	26.9	31.7	47.5#
141	33.4	11.3	16.9#

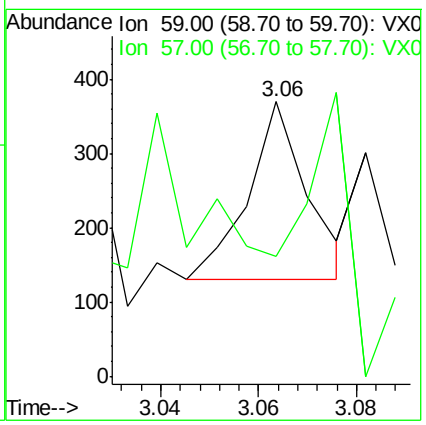


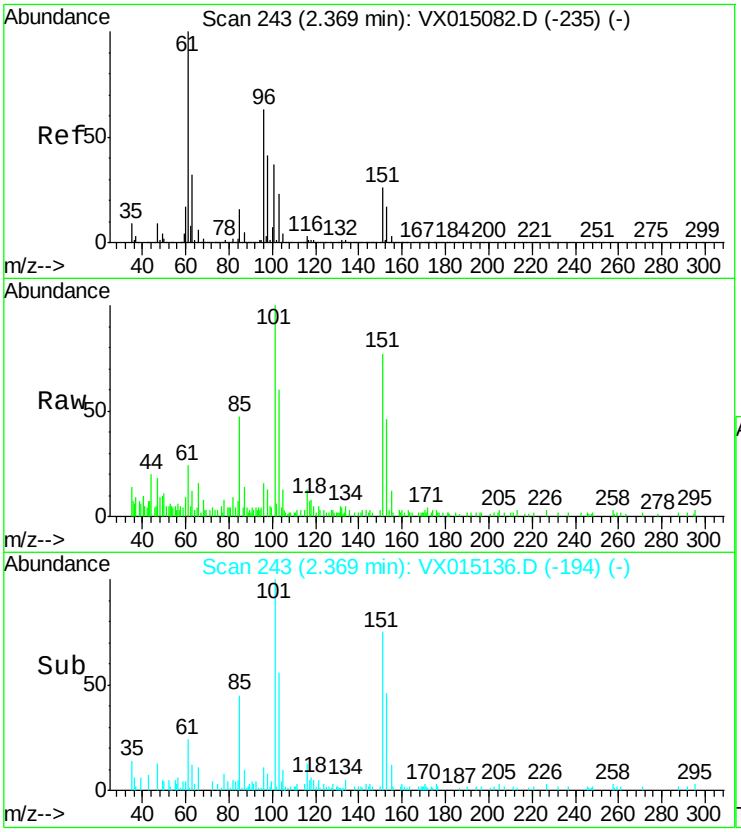


#11
Tert butyl alcohol
Concen: 0.28 ug/l
RT: 3.06 min Scan# 357
Delta R.T. 0.02 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 59 Resp: 200

Ion	Ratio	Lower	Upper
59	100		
57	70.0	8.2	12.4#



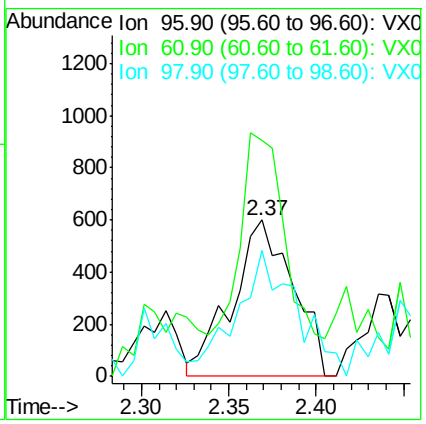


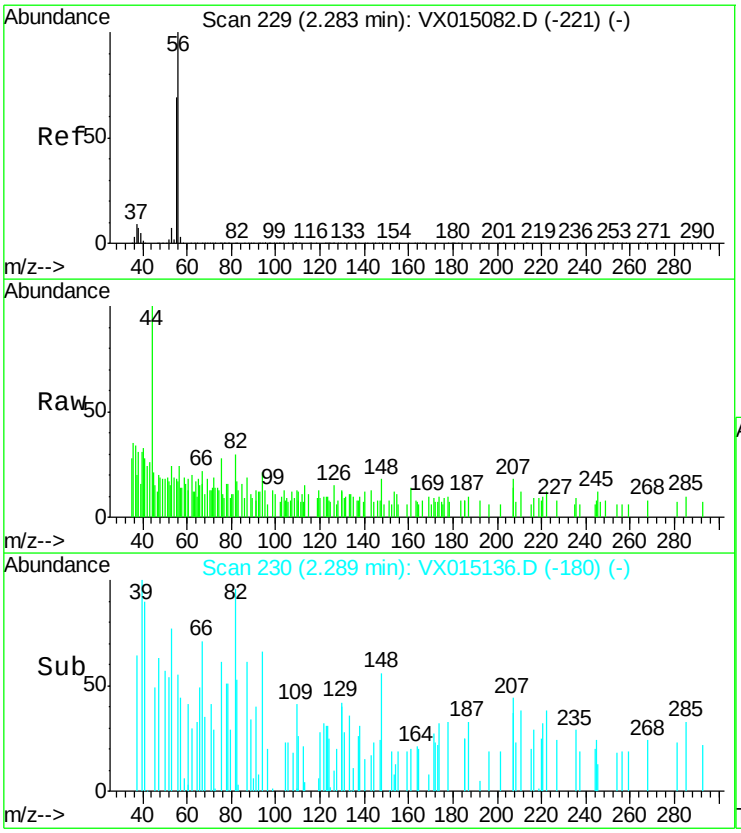
#12
1,1-Dichloroethene
Concen: 0.42 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 96 Resp: 1449

Ion	Ratio	Lower	Upper
96	100		
61	123.1	126.2	189.4#
98	78.3	51.4	77.0#

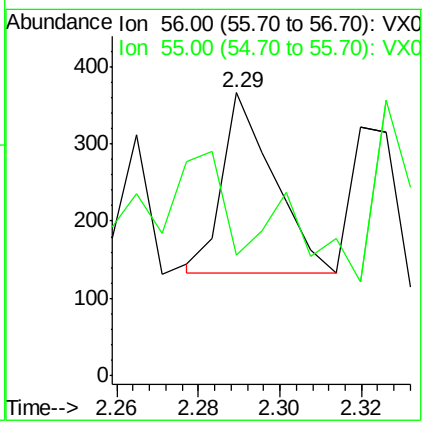


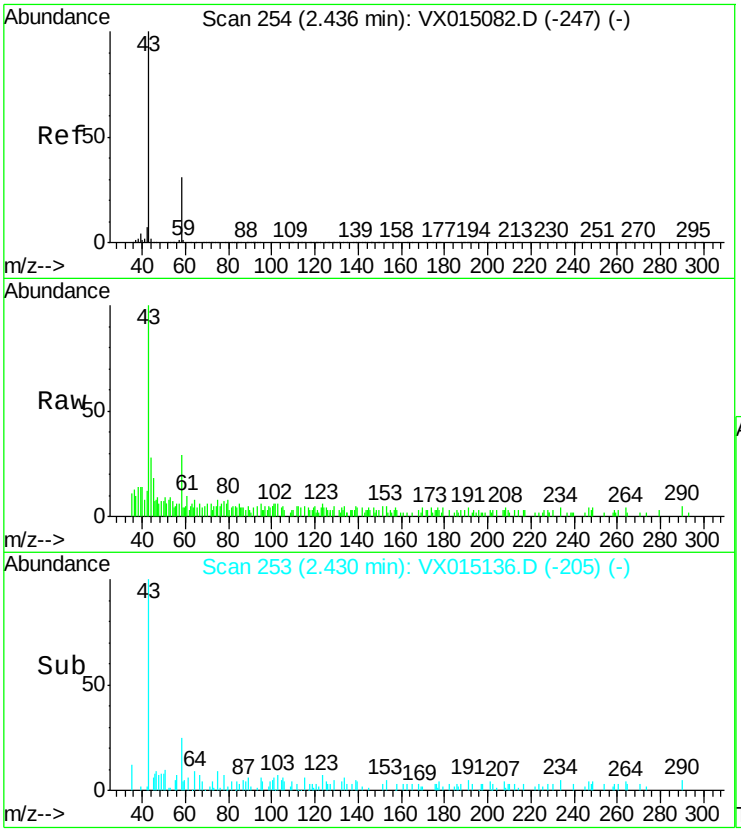


#13
Acrolein
Concen: 0.30 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 56 Resp: 203

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.0#



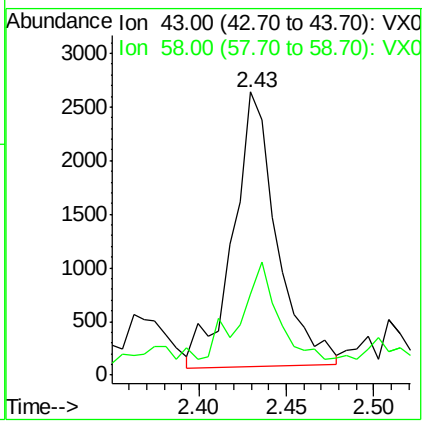


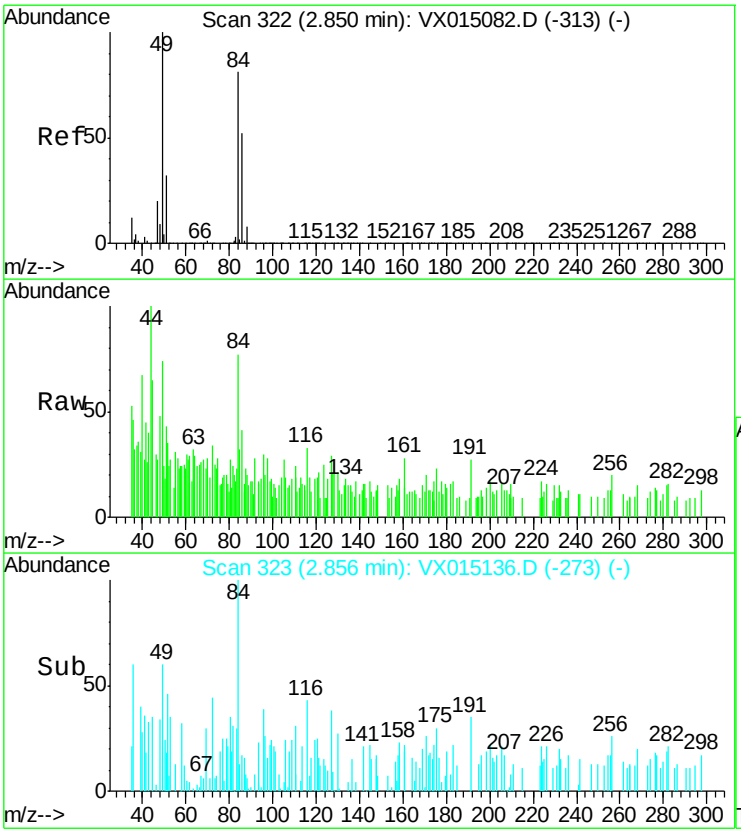
#16
Acetone
Concen: 2.64 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 43 Resp: 4484

Ion	Ratio	Lower	Upper
43	100		
58	24.3	24.8	37.2#

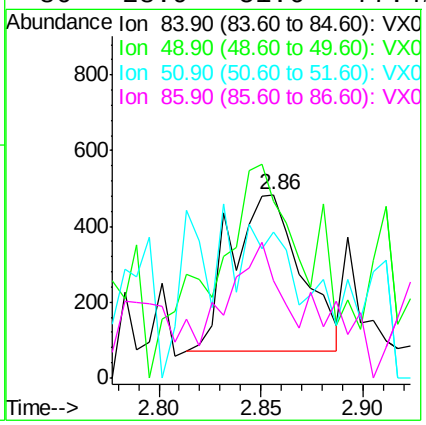


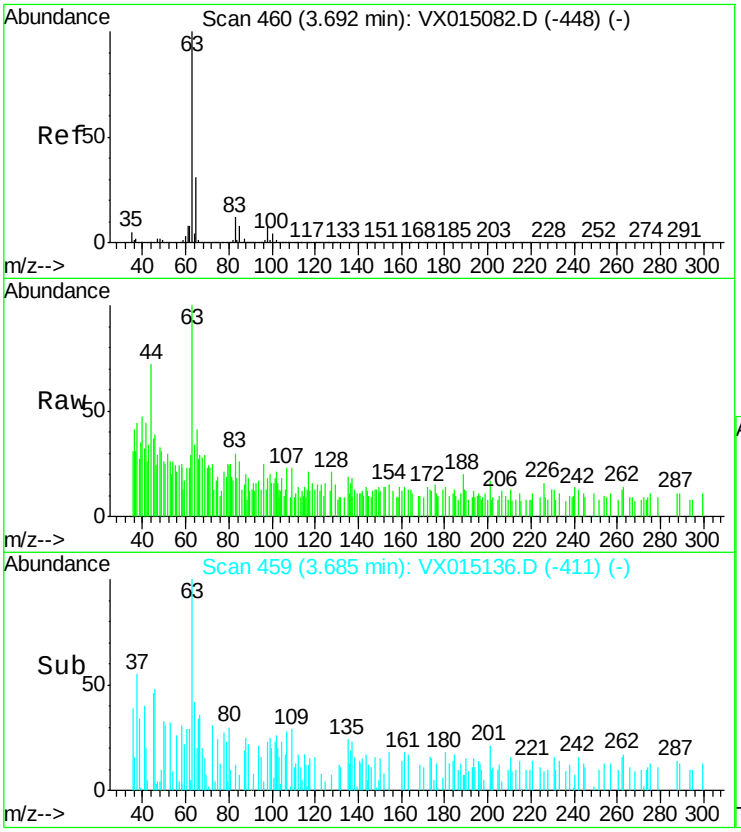


#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 84 Resp: 997

Ion	Ratio	Lower	Upper
84	100		
49	55.5	99.4	149.2#
51	135.5	31.5	47.3#
86	28.9	51.6	77.4#



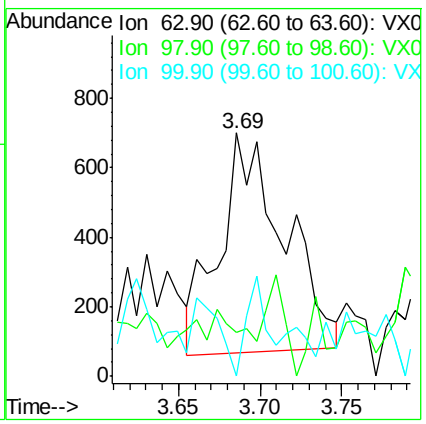


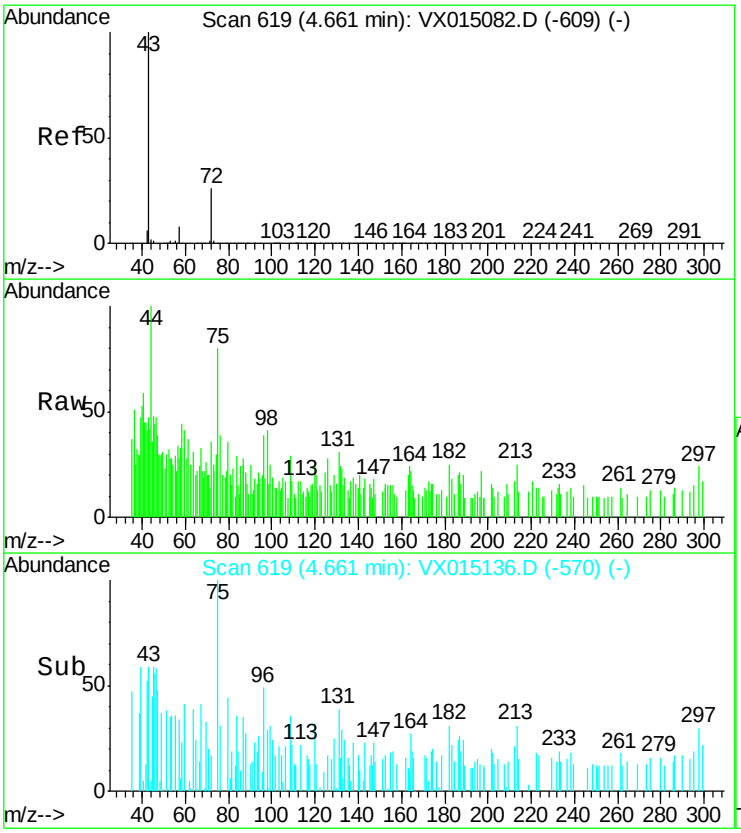
#24
1,1-Dichloroethane
Concen: 0.26 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 63 Resp: 1737

Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.7	11.1
100	0.0	2.1	6.5#

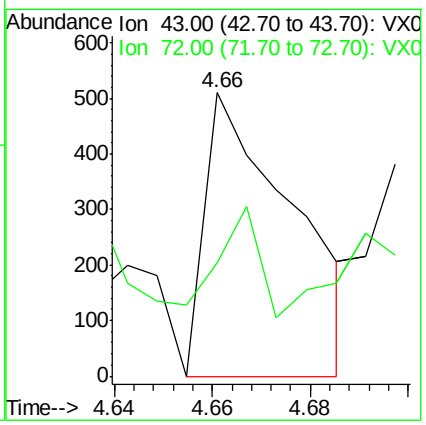


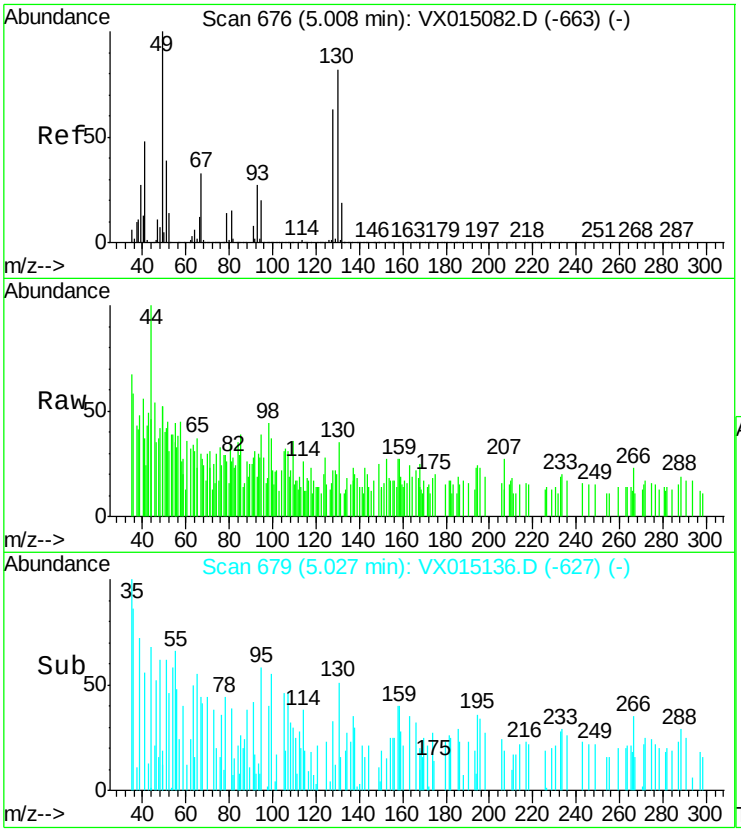


#25
2-Butanone
Concen: 0.26 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 43 Resp: 635

Ion	Ratio	Lower	Upper
43	100		
72	14.9	20.6	30.8#



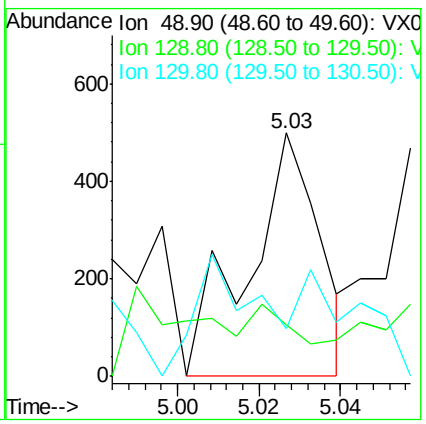


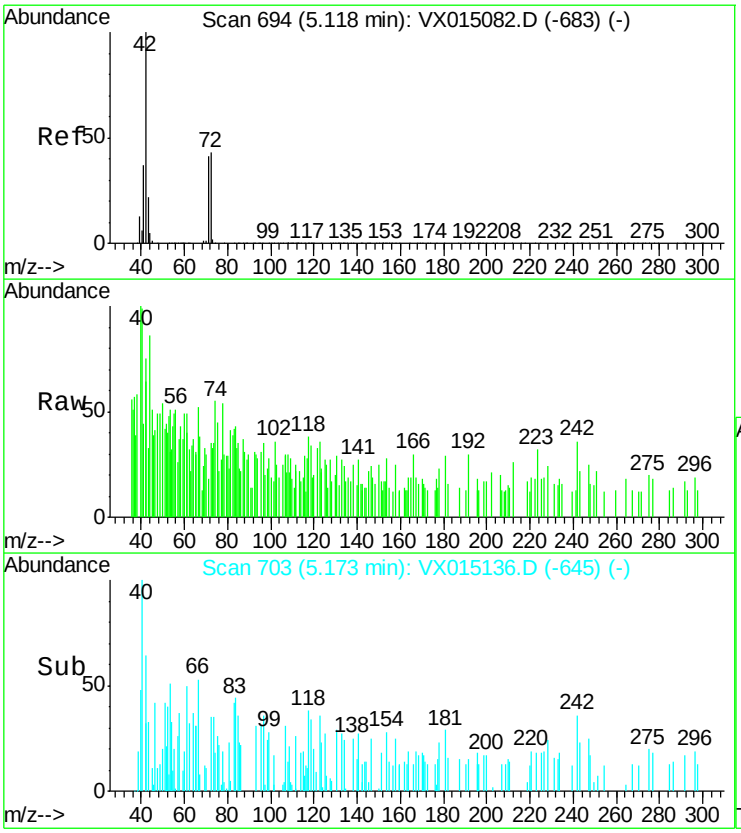
#28
Bromochloromethane
Concen: 0.20 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.02 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 49 Resp: 610

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	43.9	65.0	97.6#

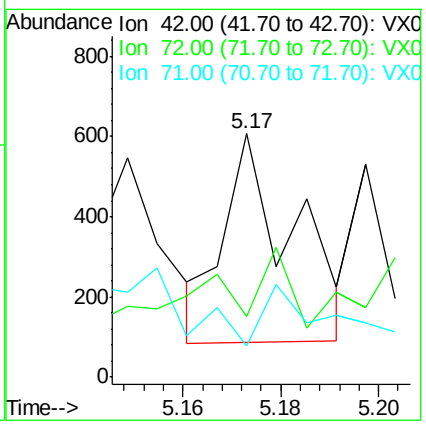


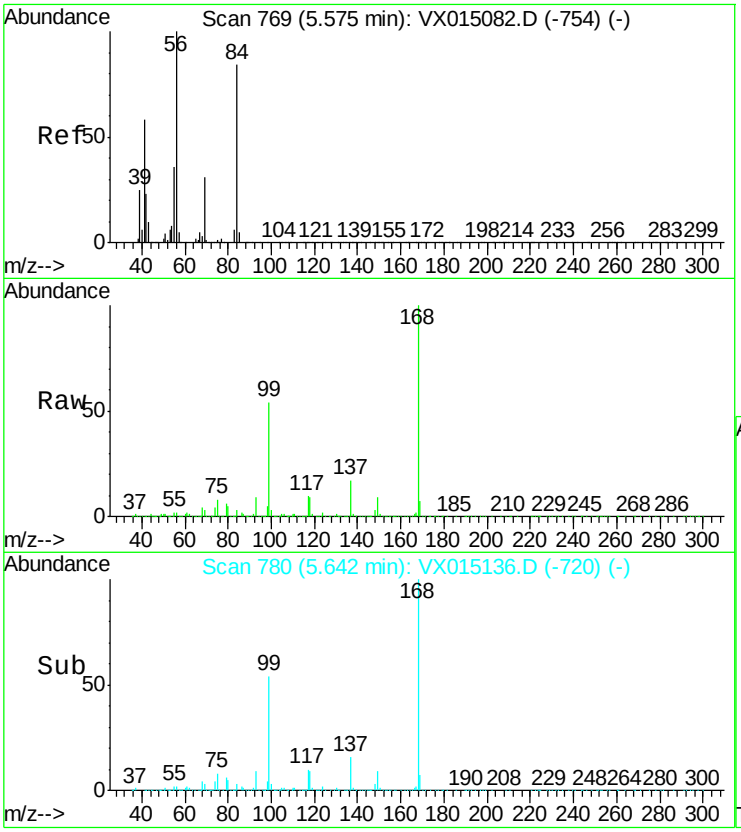


#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 5.17 min Scan# 703
Delta R.T. 0.05 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 42 Resp: 507

Ion	Ratio	Lower	Upper
42	100		
72	46.7	36.4	54.6
71	37.5	33.3	49.9



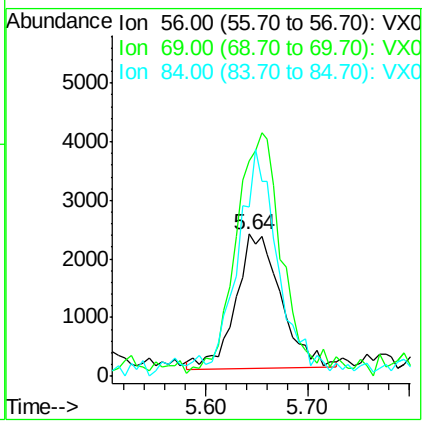


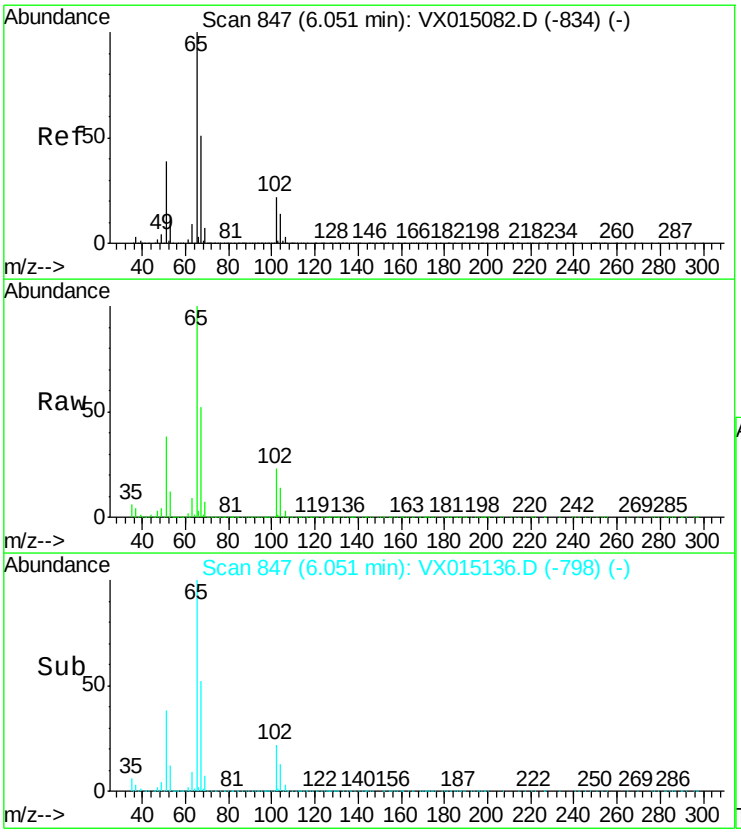
#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 56 Resp: 7032

Ion	Ratio	Lower	Upper
56	100		
69	165.3	25.0	37.6#
84	123.1	67.6	101.4#

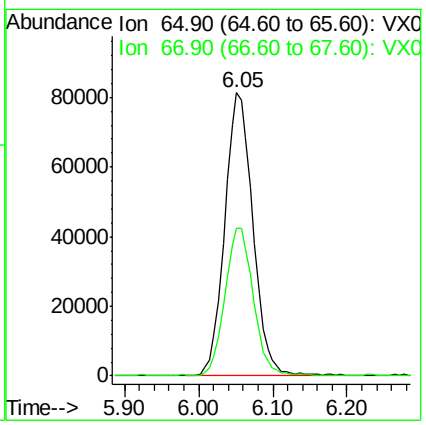


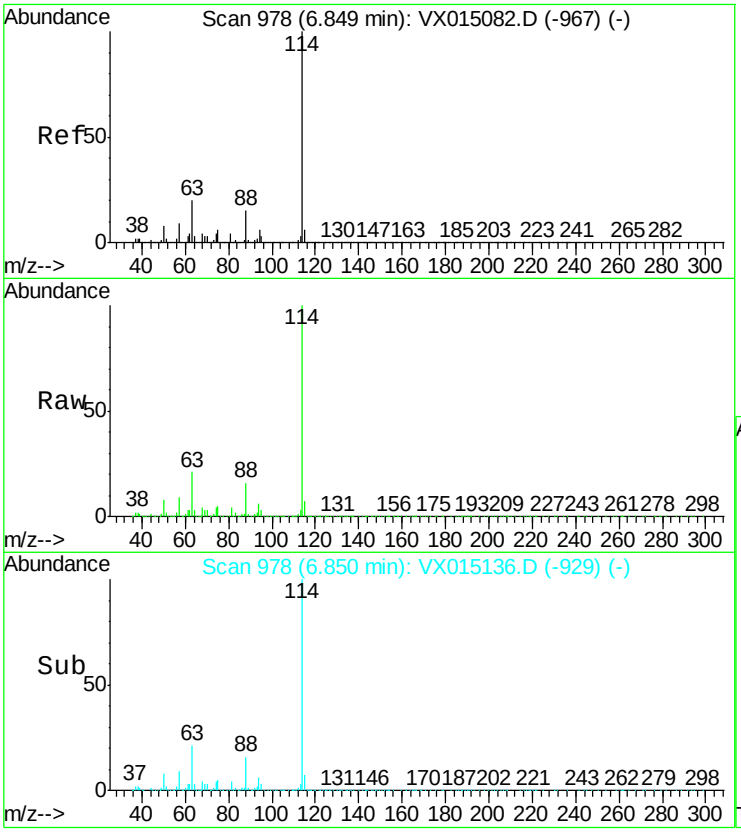


#33
1,2-Dichloroethane-d4
Concen: 51.38 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 65 Resp: 215144

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.6



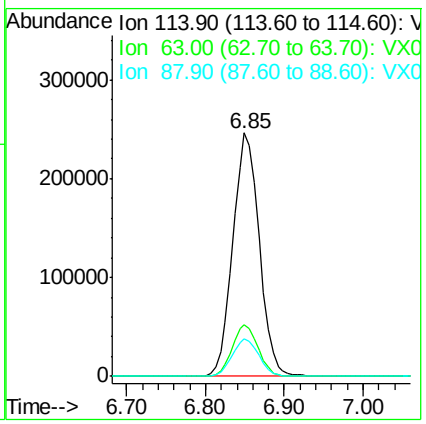


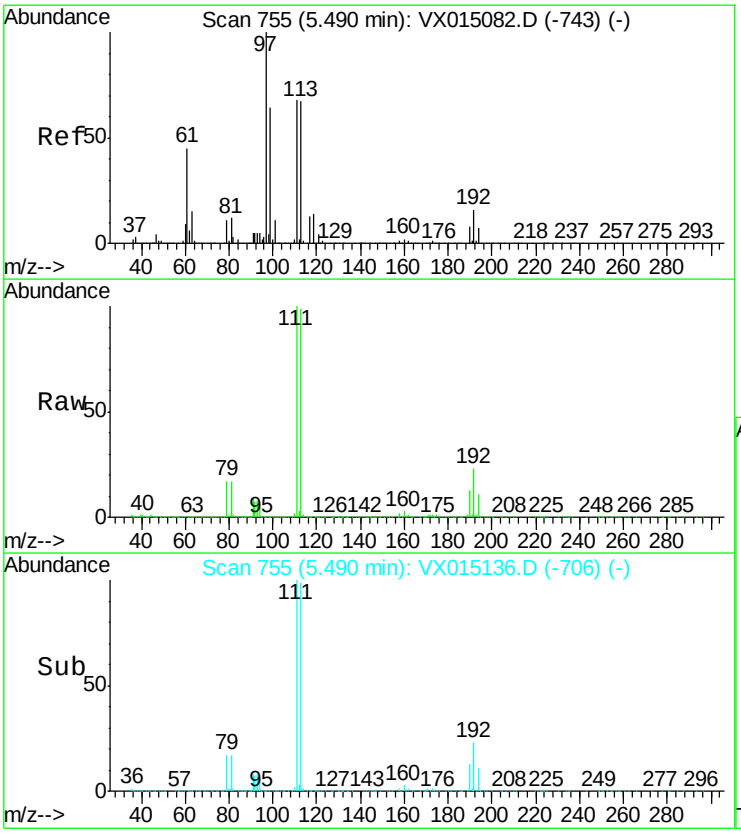
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion:114 Resp: 574492

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.0
88	15.5	0.0	30.6

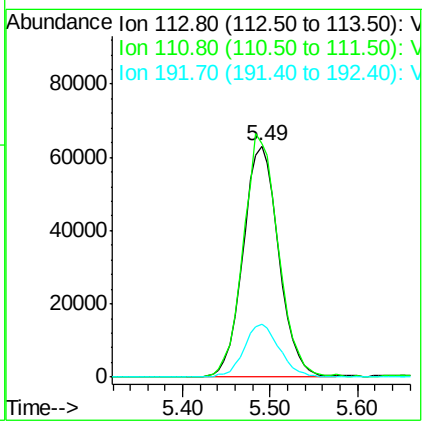


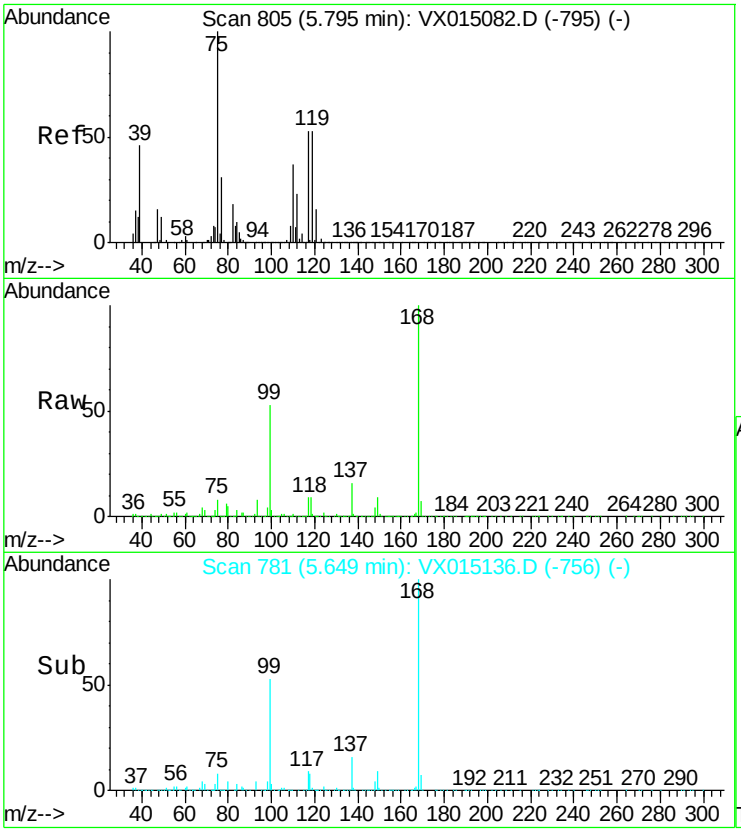


#35
Dibromofluoromethane
Concen: 49.31 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion:113 Resp: 178720

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	22.8	18.6	28.0



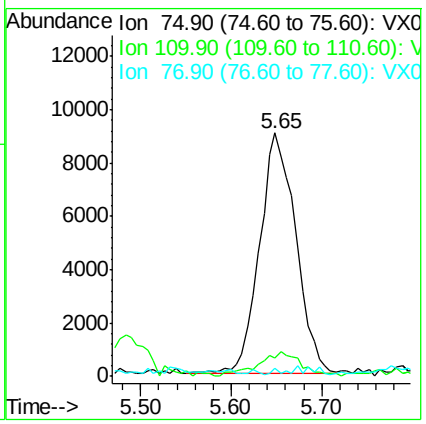


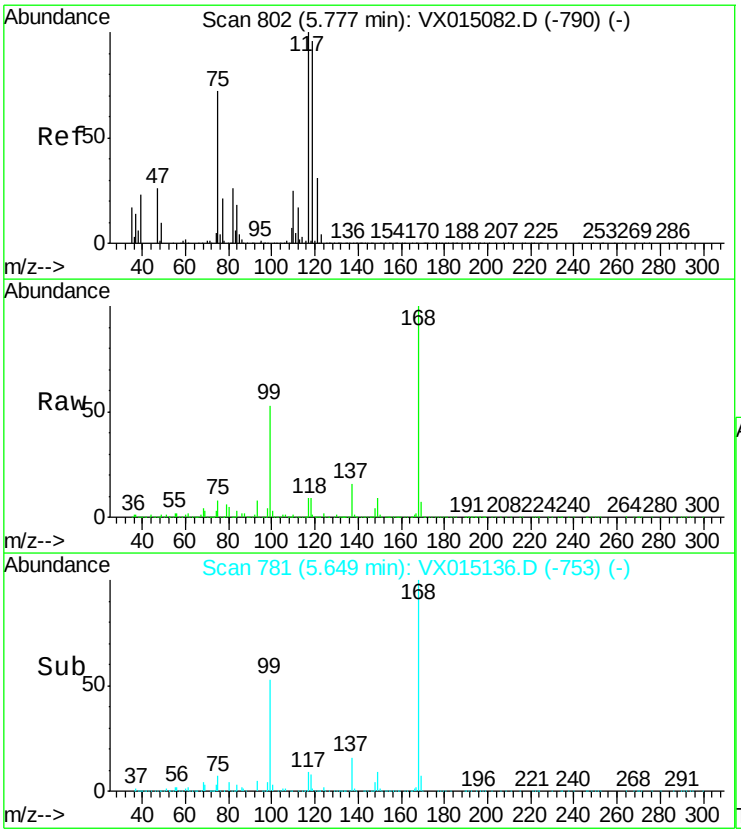
#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 75 Resp: 24895

Ion	Ratio	Lower	Upper
75	100		
110	12.2	17.9	53.8#
77	0.4	24.8	37.2#

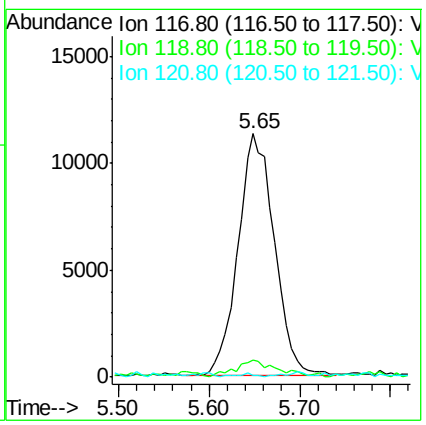


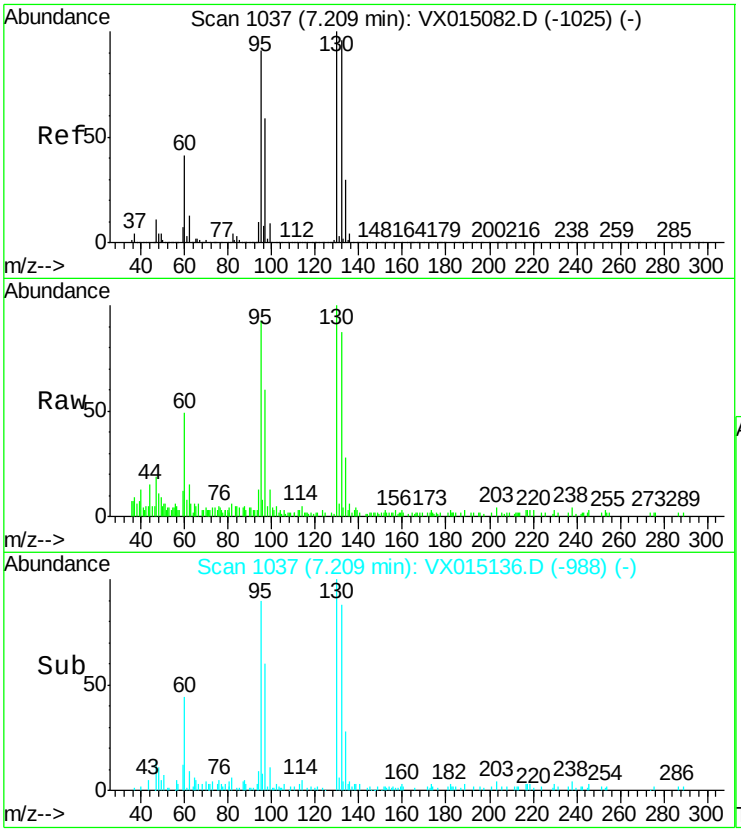


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion:117 Resp: 31363

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.9	115.3#
121	0.7	24.6	37.0#



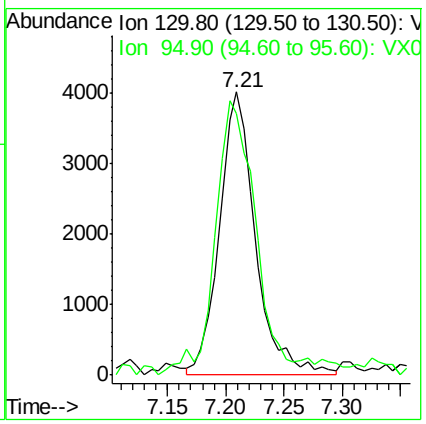


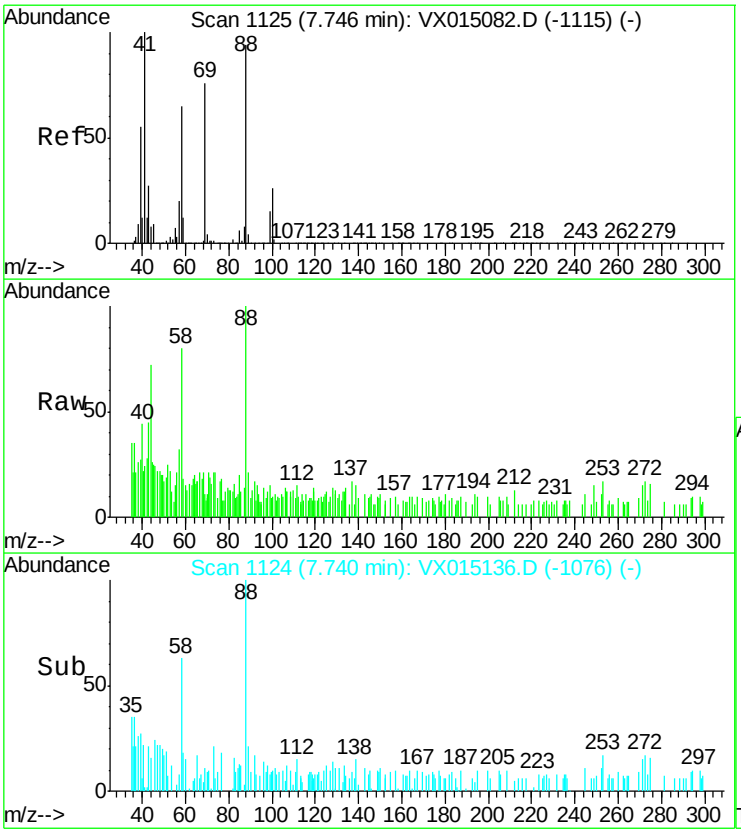
#44
Trichloroethene
Concen: 1.96 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion:130 Resp: 8618

Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	181.2

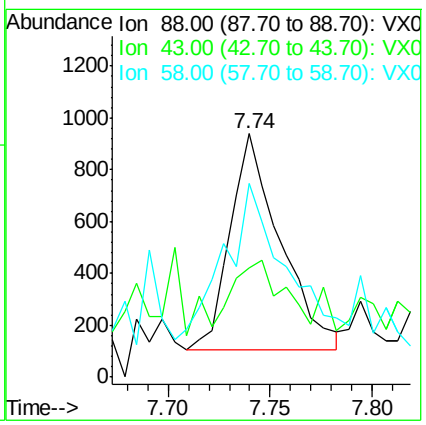


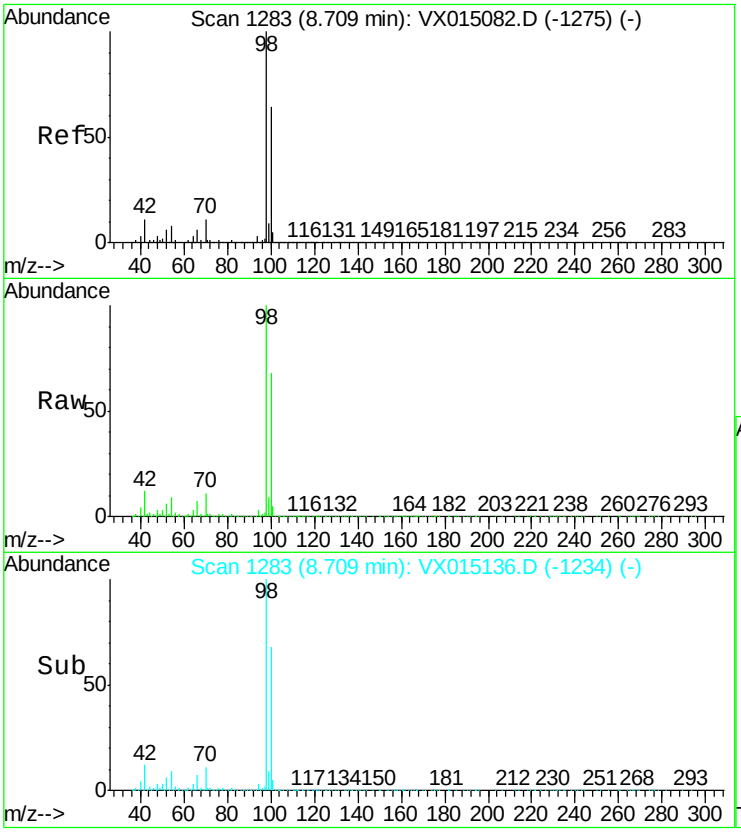


#49
1,4-Dioxane
Concen: 14.90 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 88 Resp: 1421

Ion	Ratio	Lower	Upper
88	100		
43	52.0	27.0	40.4#
58	86.7	55.6	83.4#



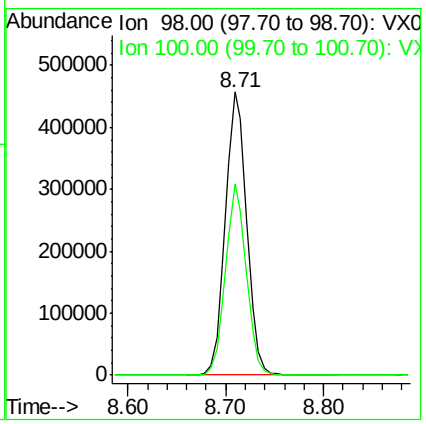


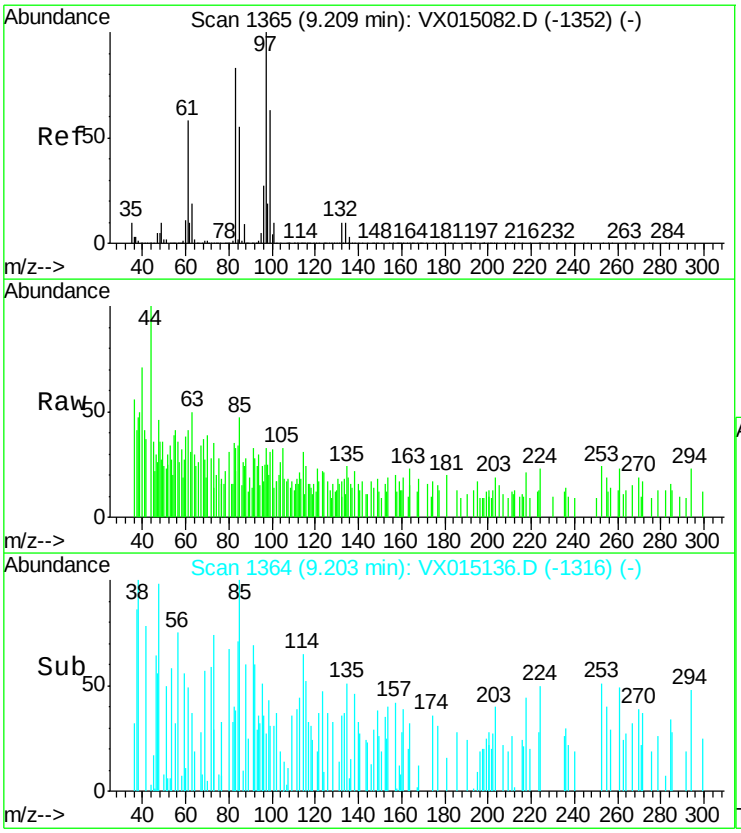
#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 98 Resp: 690745

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6

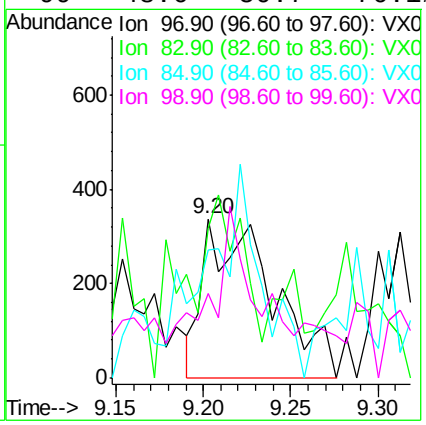


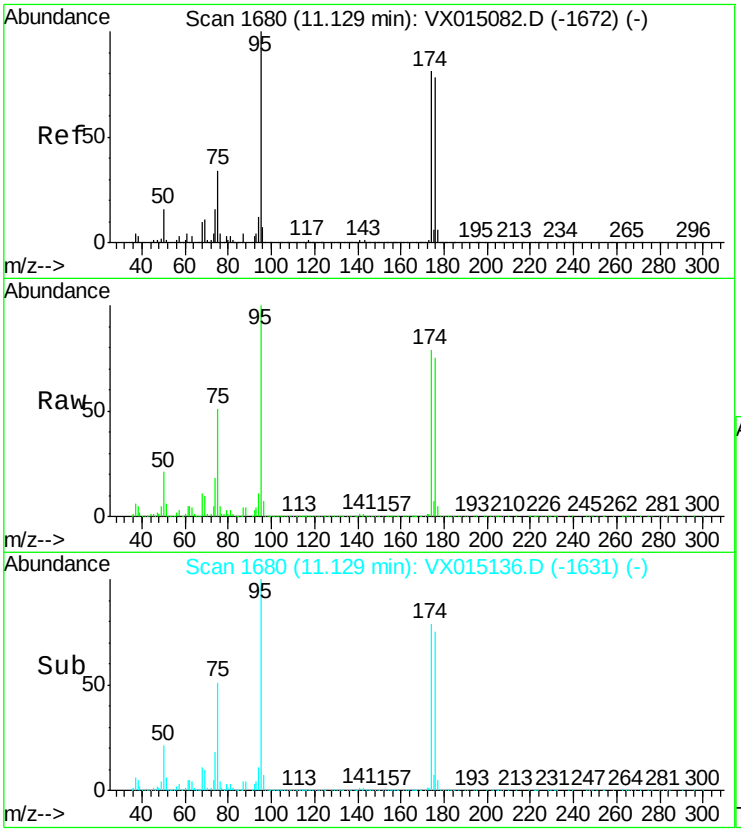


#55
1,1,2-Trichloroethane
Concen: 0.23 ug/l
RT: 9.20 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 97 Resp: 919

Ion	Ratio	Lower	Upper
97	100		
83	76.2	66.4	99.6
85	77.3	43.5	65.3#
99	48.6	50.7	76.1#



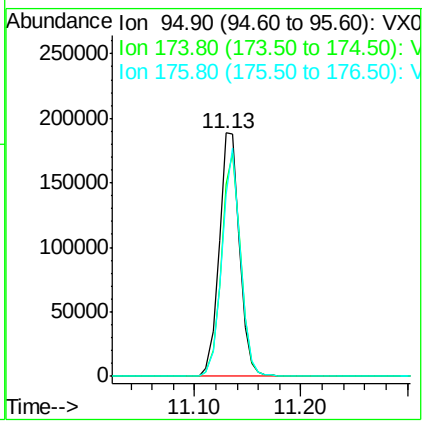


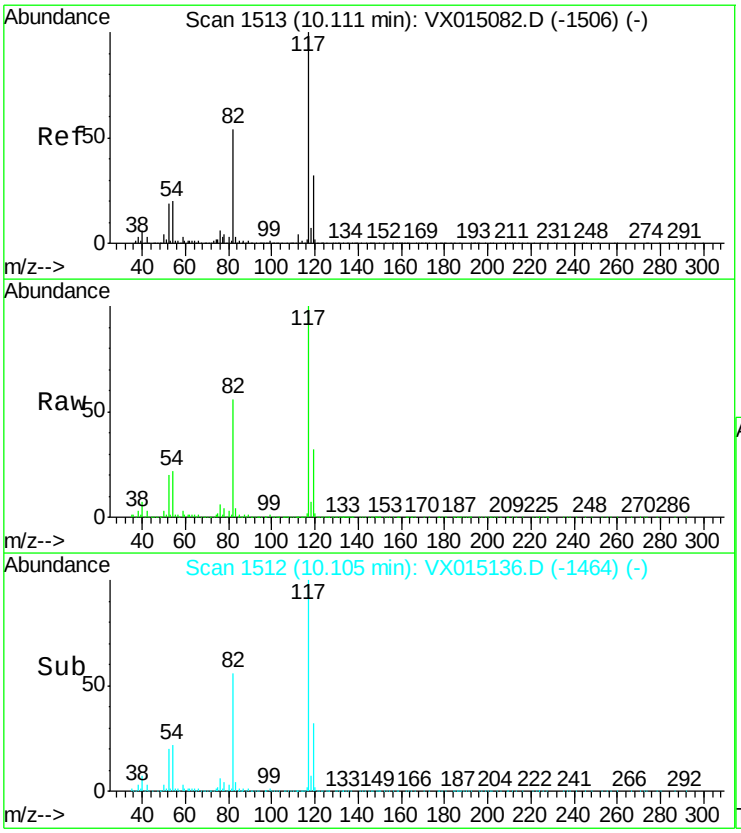
#62
4-Bromofluorobenzene
Concen: 51.06 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 95 Resp: 251072

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	177.6
176	85.7	0.0	170.2

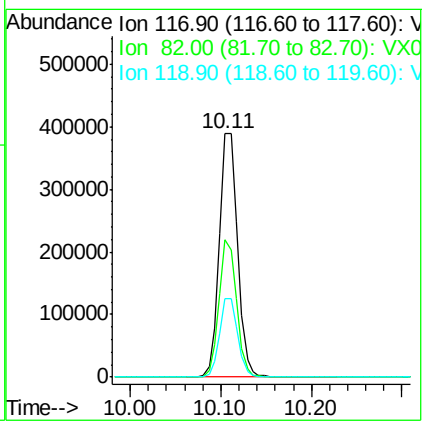


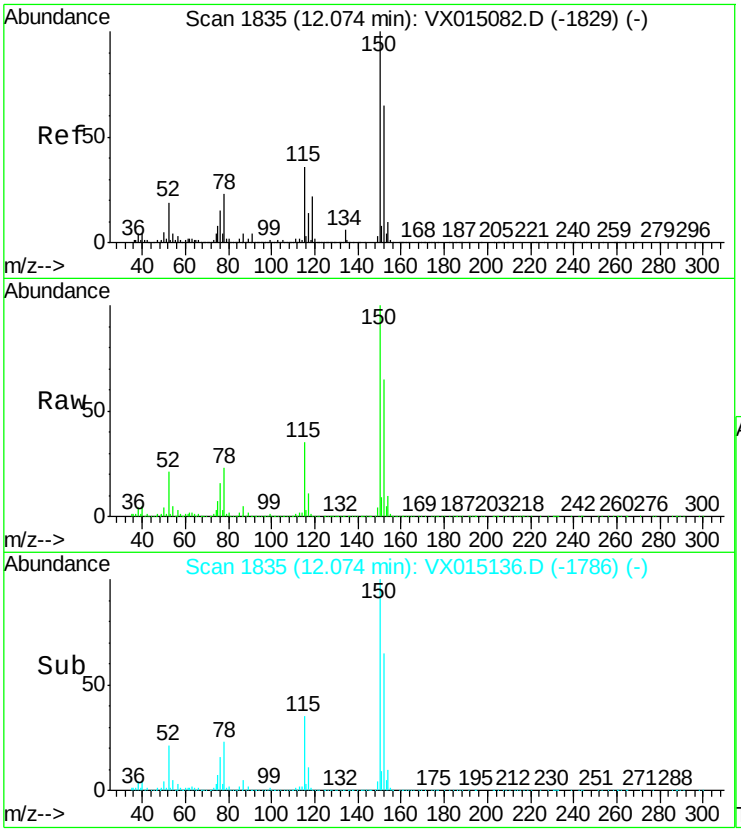


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion:117 Resp: 547549

Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.3	64.9
119	32.0	25.8	38.8



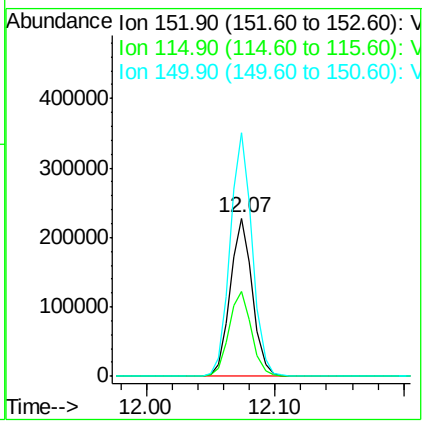


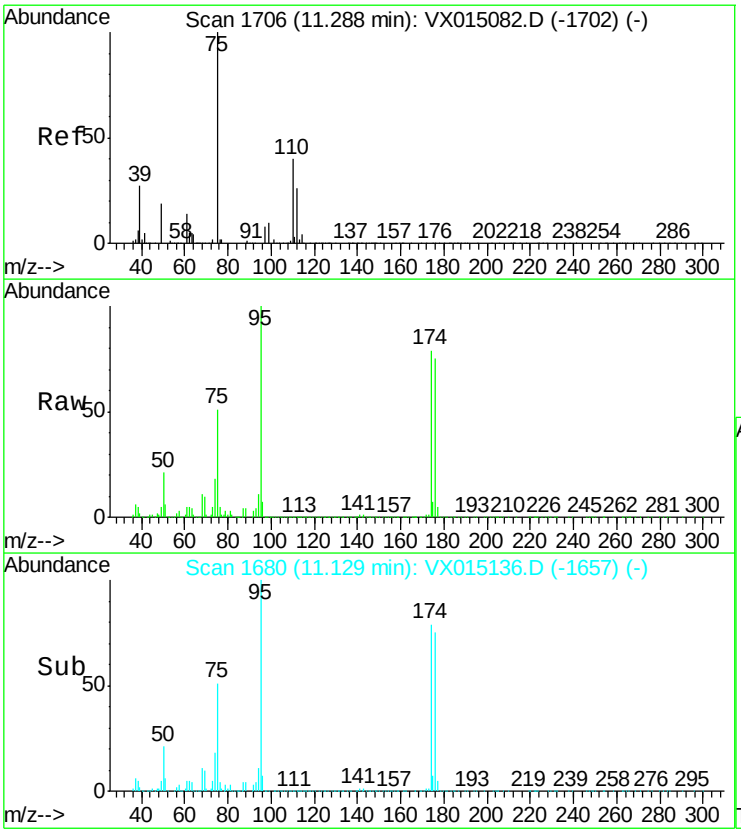
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion:152 Resp: 274325

Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.2	114.6
150	153.4	0.0	343.8

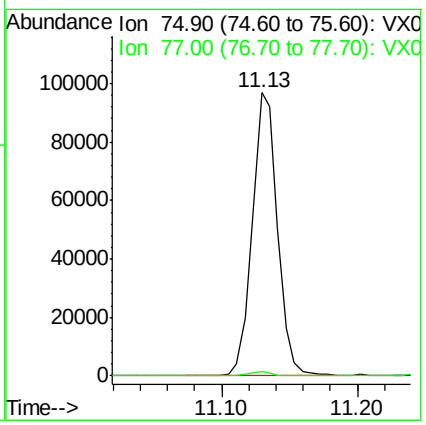


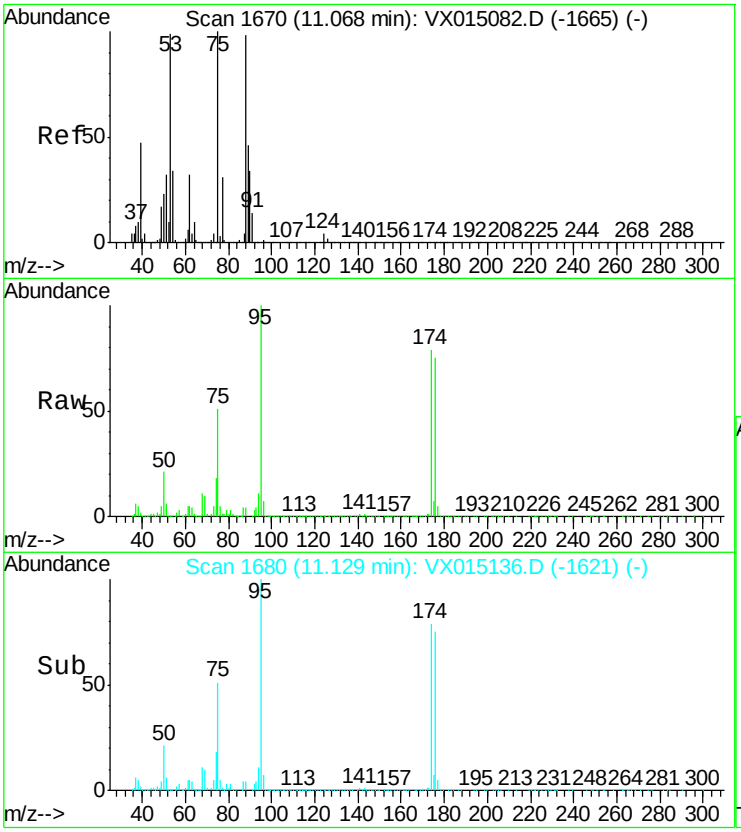


#76
1,2,3-Trichloropropane
Concen: 22.86 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 75 Resp: 125109

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.6	67.8#



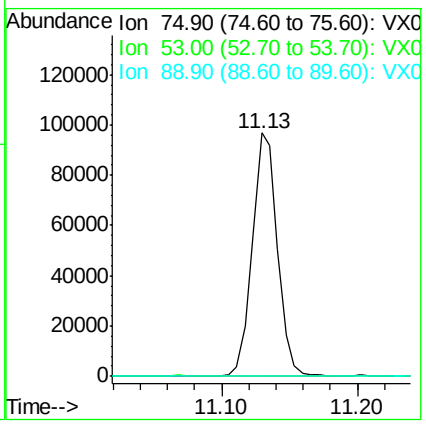


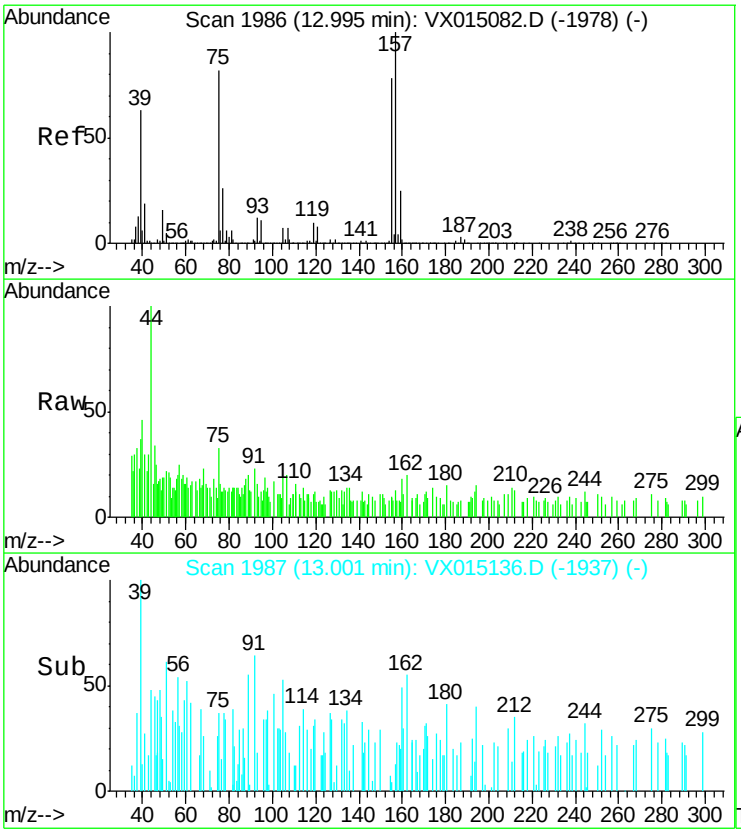
#81
trans-1,4-Dichloro-2-butene
Concen: 64.89 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion: 75 Resp: 125109

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.9	116.9#
89	0.2	36.2	54.2#

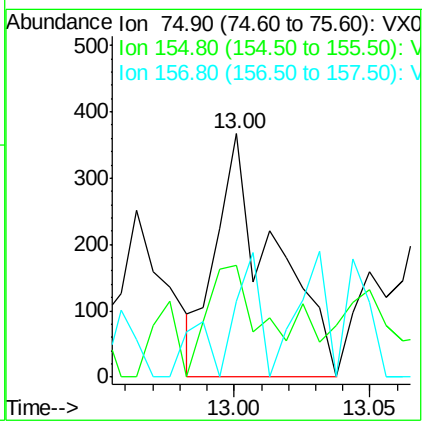


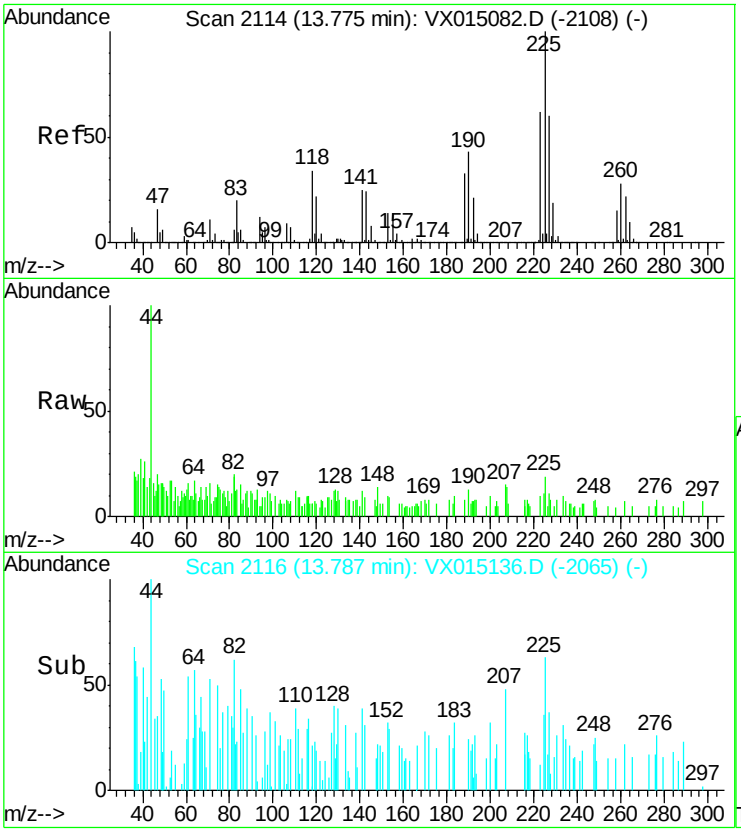


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.46 ug/l
RT: 13.00 min Scan# 1987
Delta R.T. 0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion: 75 Resp: 541

Ion	Ratio	Lower	Upper
75	100		
155	42.3	46.6	139.7#
157	30.7	59.2	177.5#



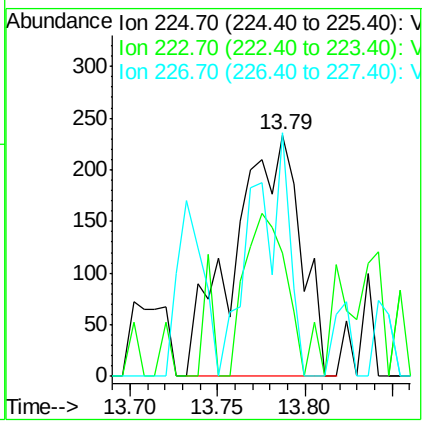


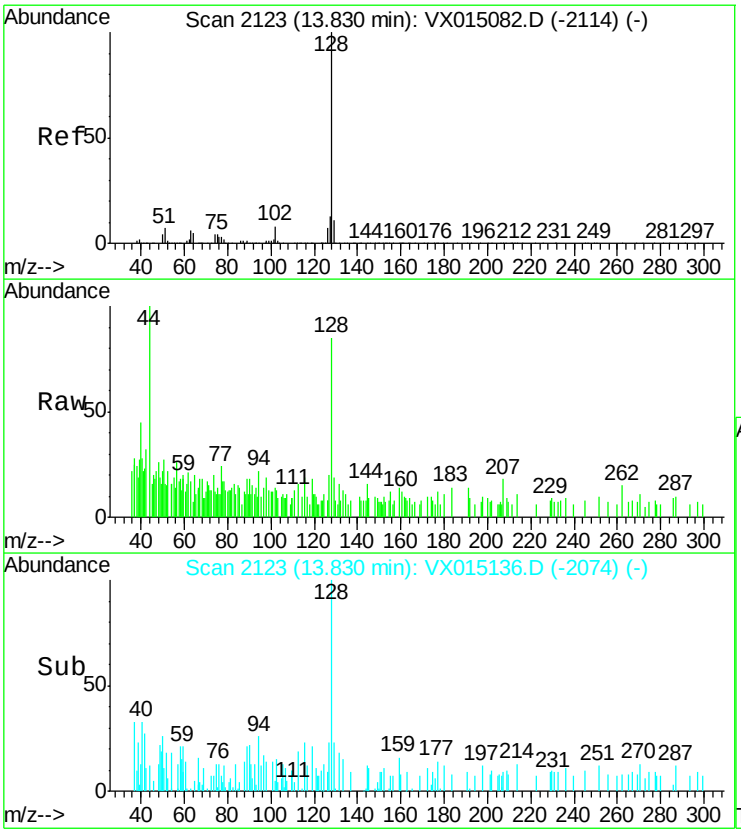
#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 13.79 min Scan# 2116
Delta R.T. 0.01 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305

Tgt Ion:225 Resp: 618

Ion	Ratio	Lower	Upper
225	100		
223	41.4	31.3	93.9
227	54.4	31.1	93.2





#95
Naphthalene
Concen: 1.51 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015136.D
Acq: 09 Mar 2020 12:43

Tgt Ion:128 Resp: 1617

Ion	Ratio	Lower	Upper
128	100		
127	23.1	10.3	15.5#
129	0.0	8.6	13.0#