Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX013856.D
Acq On : 09 Dec 2019 17:20
Operator : JC/SP
Sample : K6185-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE103D1-20191204

Quant Time: Dec 12 08:10:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	619547	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	958952	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	850945	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371475	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	349666	48.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.24%				
35) Dibromofluoromethane	5.48	113	285542	48.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.34%				
50) Toluene-d8	8.71	98	1124626	48.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.38%				
62) 4-Bromofluorobenzene	11.14	95	373709	44.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	1917	0.278	ug/l	#	55
3) Chloromethane	1.32	50	1714	0.222	ug/l	#	70
5) Bromomethane	1.63	94	1435	0.245	ug/l	#	15
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31948	5.409	ug/l		98
11) Tert butyl alcohol	3.03	59	6998	3.942	ug/l	#	92
12) 1,1-Dichloroethene	2.37	96	18910	3.207	ug/l		91
13) Acrolein	2.26	56	108	6.093	ug/l	#	1
16) Acetone	2.43	43	7449	2.098	ug/l		94
18) Methyl Acetate	2.59	43	36198	3.661	ug/l	#	53
20) Methylene Chloride	2.85	84	1919	0.281	ug/l	#	57
24) 1,1-Dichloroethane	3.69	63	6971	0.619	ug/l	#	87
27) cis-1,2-Dichloroethene	4.59	96	13860	1.879	ug/l		90
29) Tetrahydrofuran	4.97	42	1011	0.311	ug/l		92
30) Chloroform	5.20	83	6372	0.558	ug/l	#	74
31) Cyclohexane	5.65	56	12840	1.209	ug/l	#	1
32) 1,1,1-Trichloroethane	5.48	97	2297	0.241	ug/l	#	23
36) 1,1-Dichloropropene	5.65	75	40499	4.652	ug/l	#	50
38) Carbon Tetrachloride	5.78	117	2467	0.307	ug/l	#	70
39) Methylcyclohexane	7.21	83	52684	4.896	ug/l	#	1
42) 1,2-Dichloroethane	6.19	62	2269	0.251	ug/l		98
44) Trichloroethene	7.21	130	4699606	645.889	ug/l		97
49) 1,4-Dioxane	7.74	88	3436	19.651	ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	3576	0.539	ug/l	#	89
60) Dibromochloromethane	9.33	129	25011	3.631	ug/l	#	11
64) Tetrachloroethene	9.33	164	29323	4.621	ug/l		96
76) 1,2,3-Trichloropropane	11.13	75	183596	21.974	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	183596	60.117	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.01	75	433	0.220	ug/l	#	41

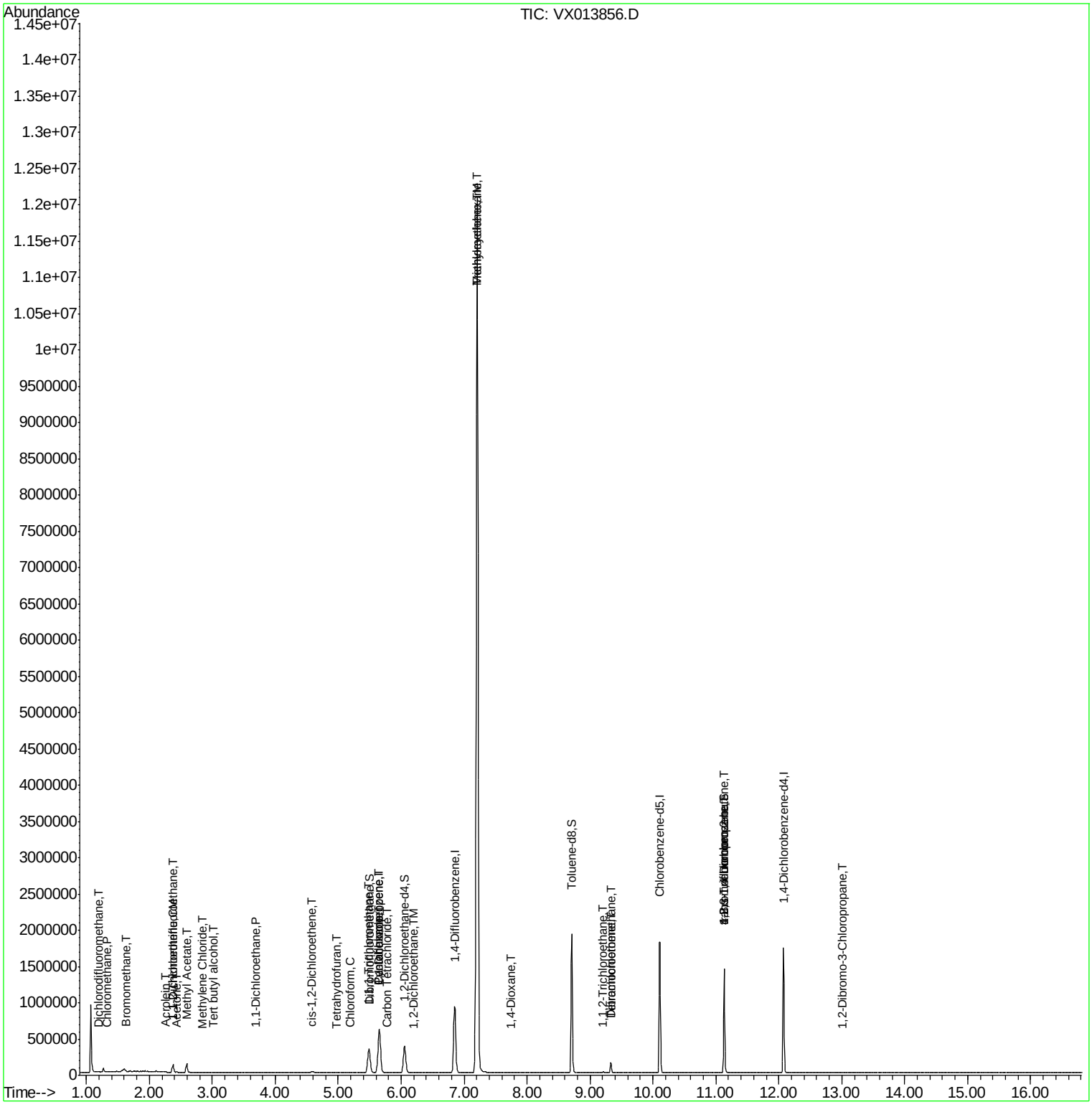
(#) = qualifier out of range (m) = manual integration (+) = signals summed

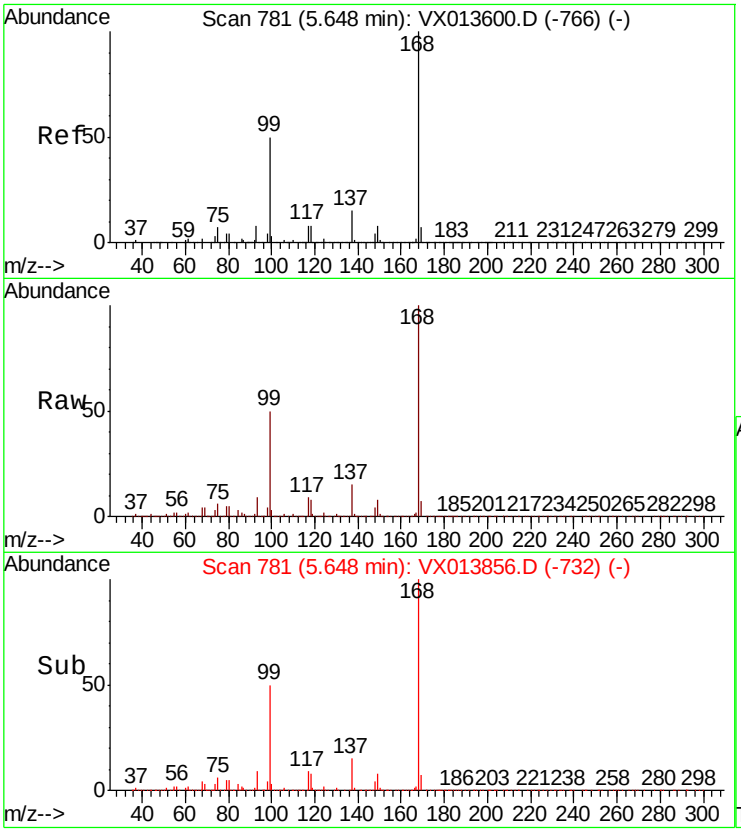
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
Data File : VX013856.D
Acq On : 09 Dec 2019 17:20
Operator : JC/SP
Sample : K6185-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Quant Time: Dec 12 08:10:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



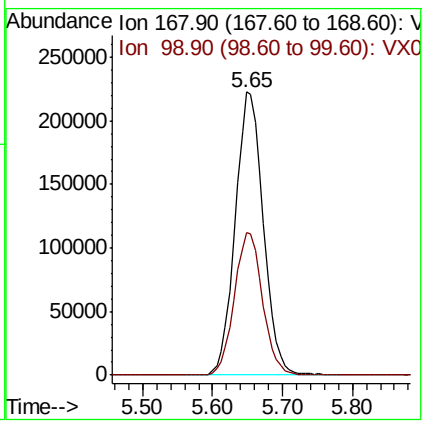


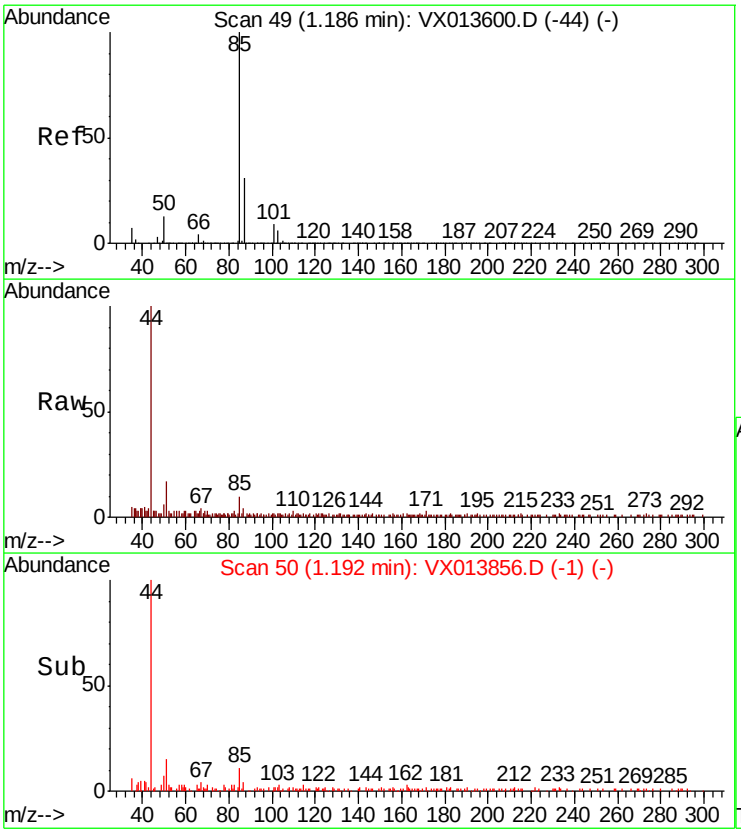
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion:168 Resp: 619547

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.8	59.8

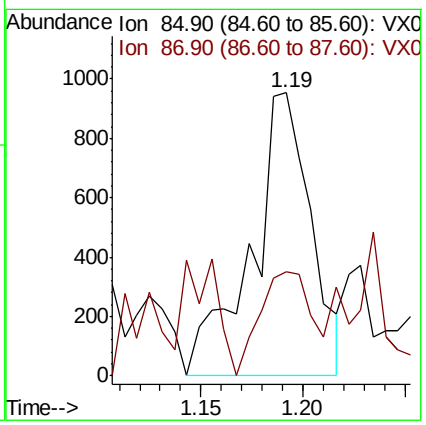


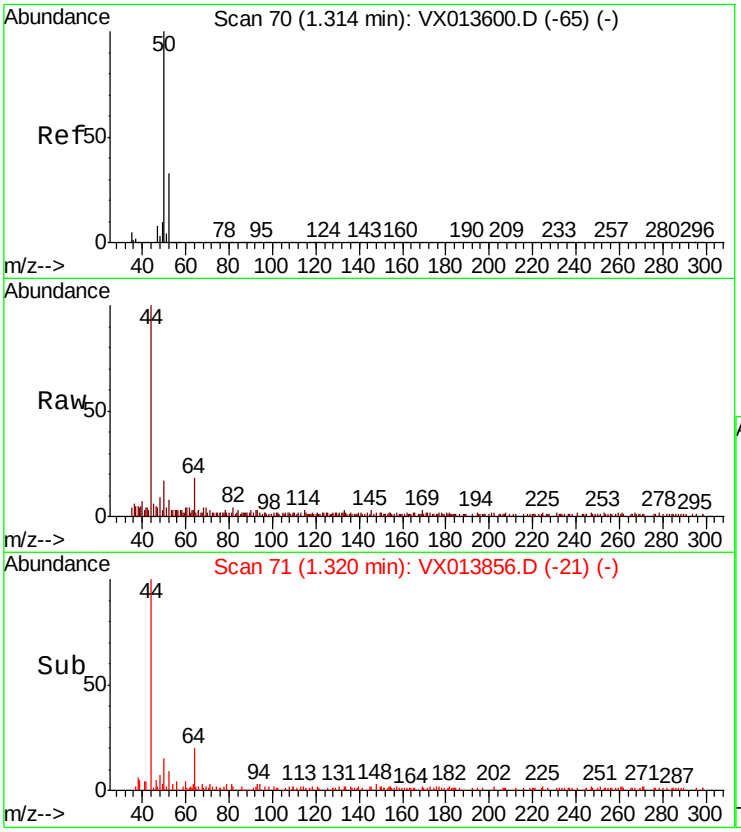


#2
Dichlorodifluoromethane
Concen: 0.278 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 85 Resp: 1917

Ion	Ratio	Lower	Upper
85	100		
87	6.3	15.7	47.1#



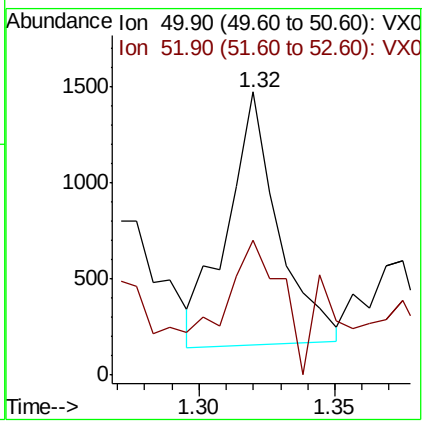


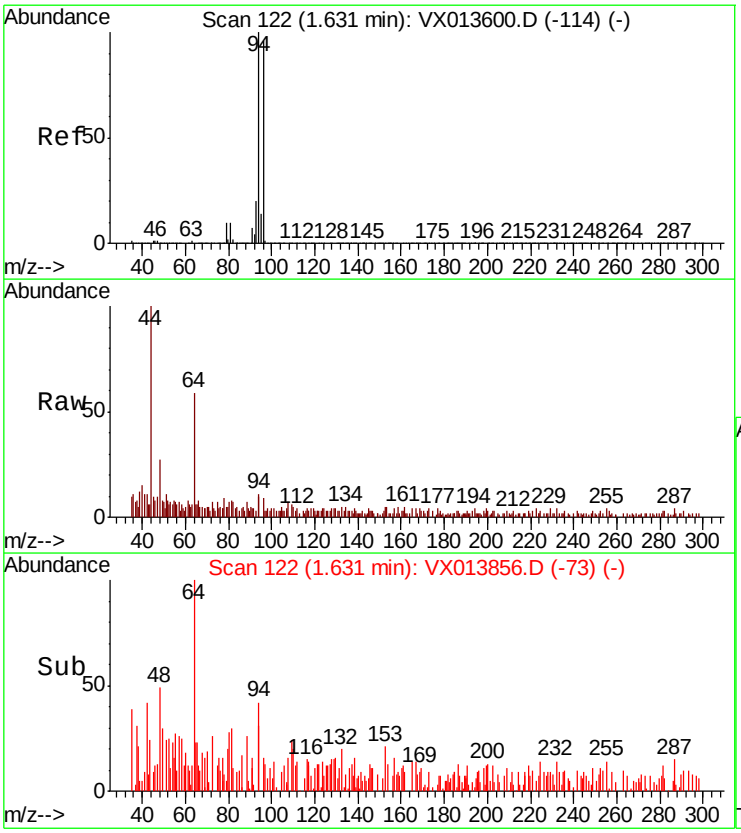
#3
Chloromethane
Concen: 0.222 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 50 Resp: 1714

Ion	Ratio	Lower	Upper
50	100		
52	49.5	26.0	39.0#

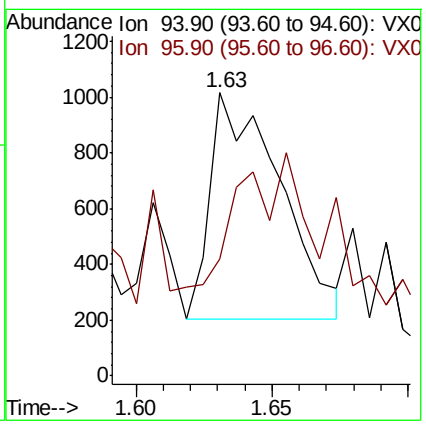


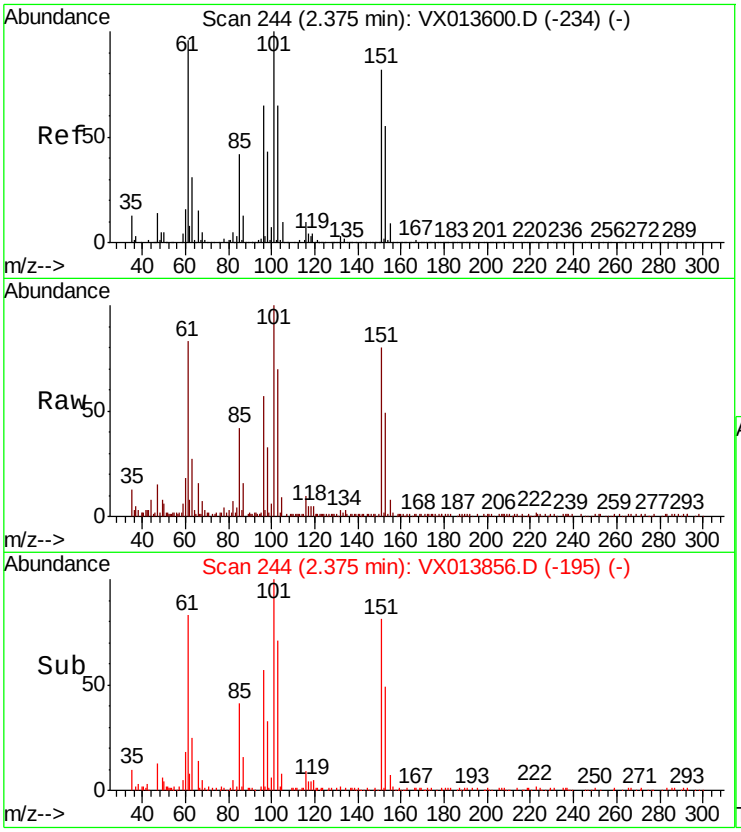


#5
Bromomethane
Concen: 0.245 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 94 Resp: 1435

Ion	Ratio	Lower	Upper
94	100		
96	12.9	77.0	115.4#



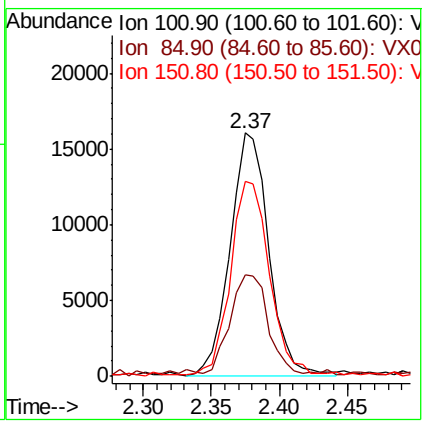


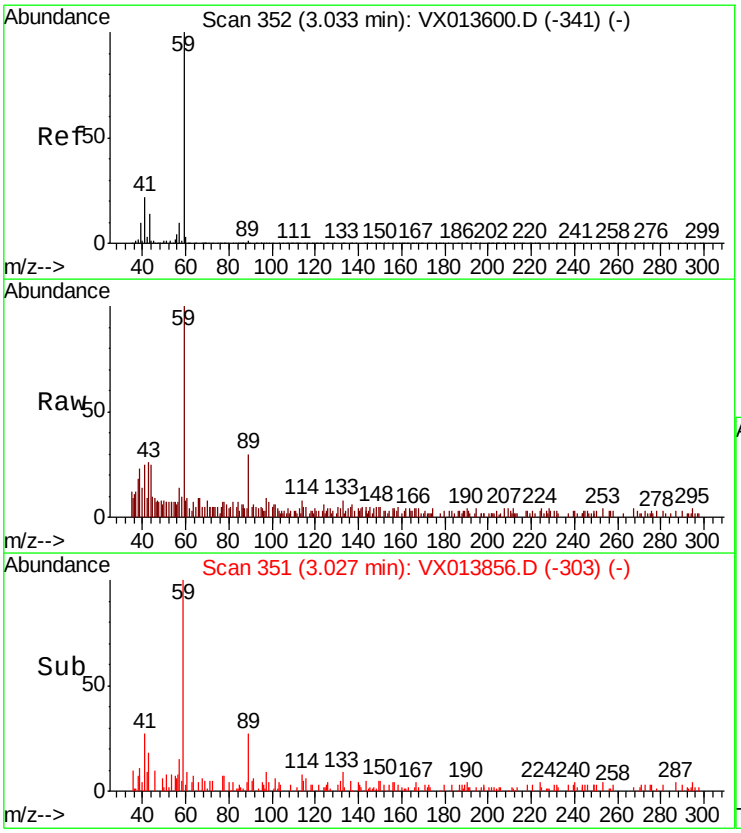
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.409 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion:101 Resp: 31948

Ion	Ratio	Lower	Upper
101	100		
85	39.6	33.9	50.9
151	80.1	64.2	96.2

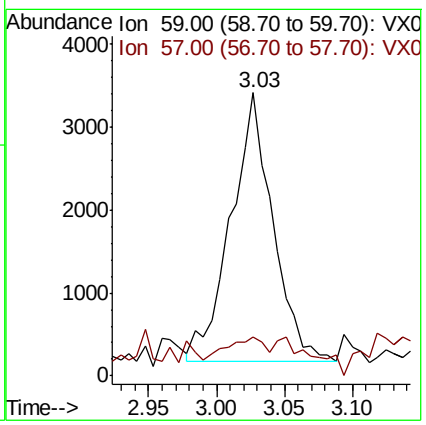


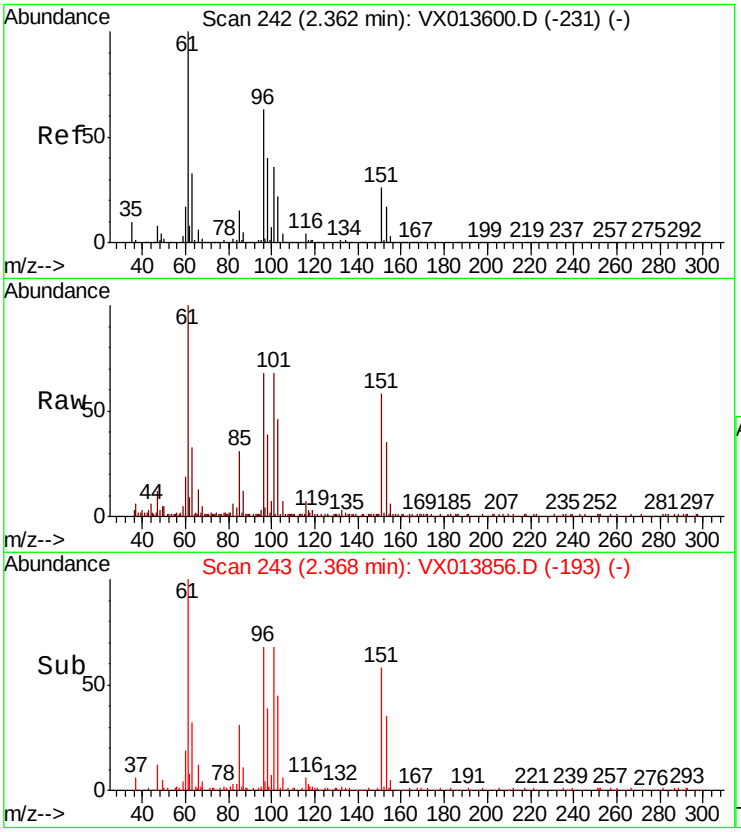


#11
Tert butyl alcohol
Concen: 3.942 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 59 Resp: 6998

Ion	Ratio	Lower	Upper
59	100		
57	6.9	7.8	11.6#



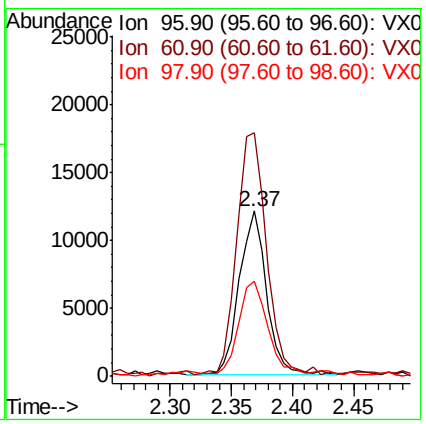


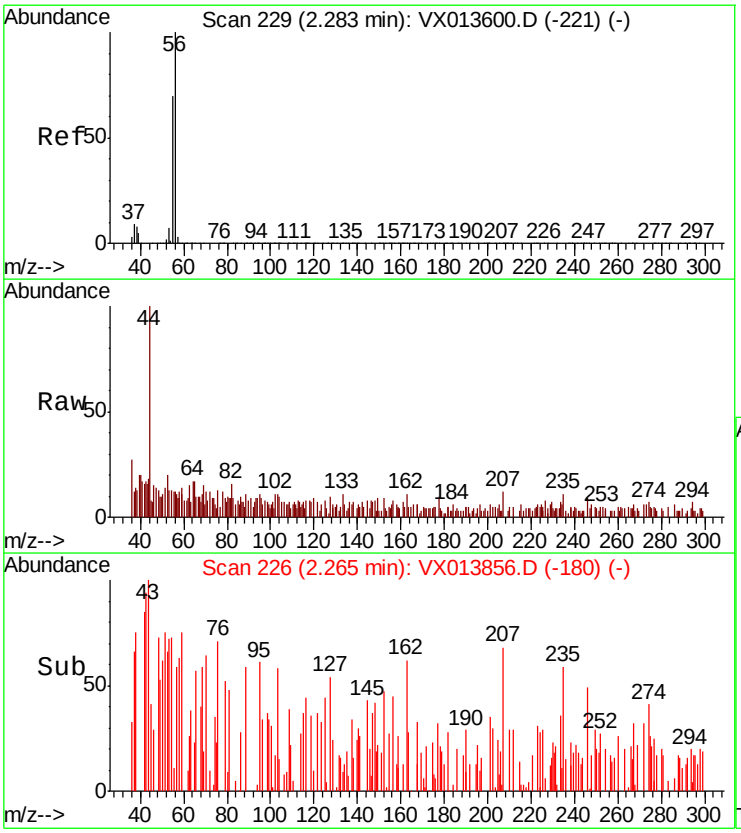
#12
1,1-Dichloroethene
Concen: 3.207 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 96 Resp: 18910

Ion	Ratio	Lower	Upper
96	100		
61	146.3	126.6	190.0
98	56.3	50.6	76.0

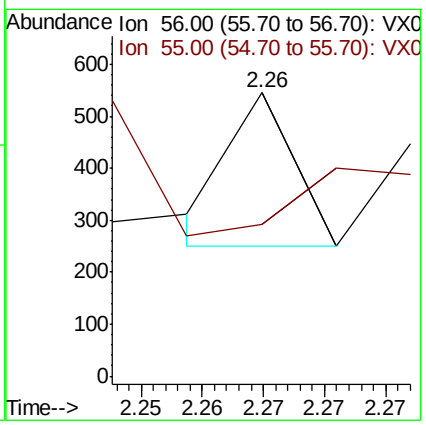


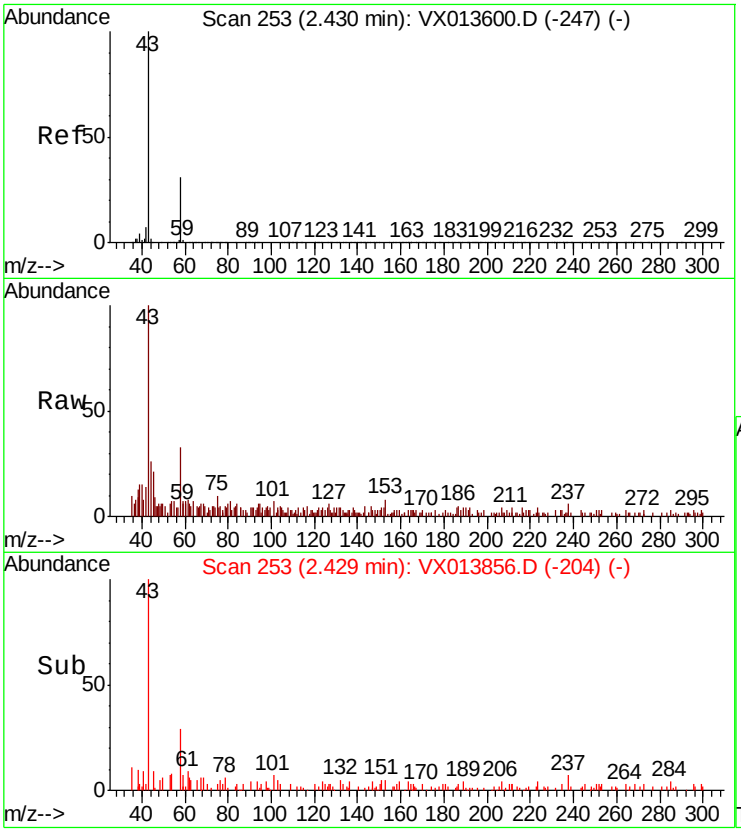


#13
Acrolein
Concen: 6.093 ug/l
RT: 2.26 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 56 Resp: 108

Ion	Ratio	Lower	Upper
56	100		
55	295.4	56.2	84.4#



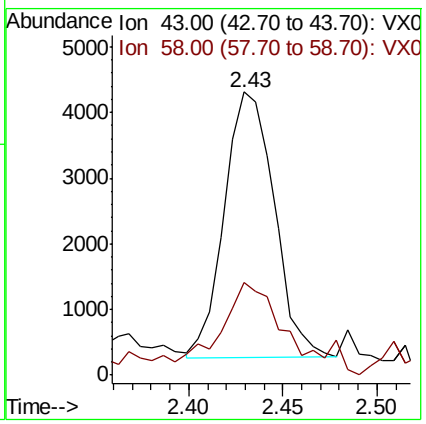


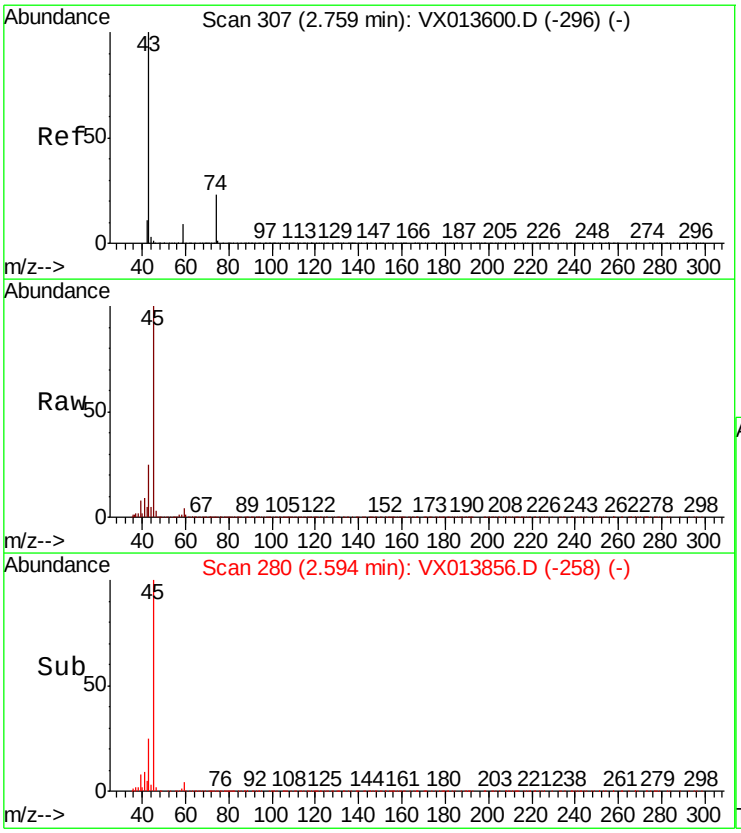
#16
Acetone
Concen: 2.098 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 43 Resp: 7449

Ion	Ratio	Lower	Upper
43	100		
58	27.5	24.6	36.8

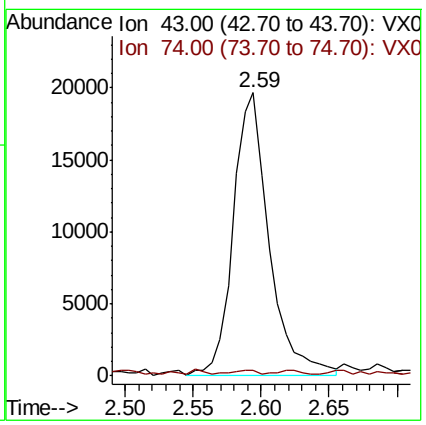


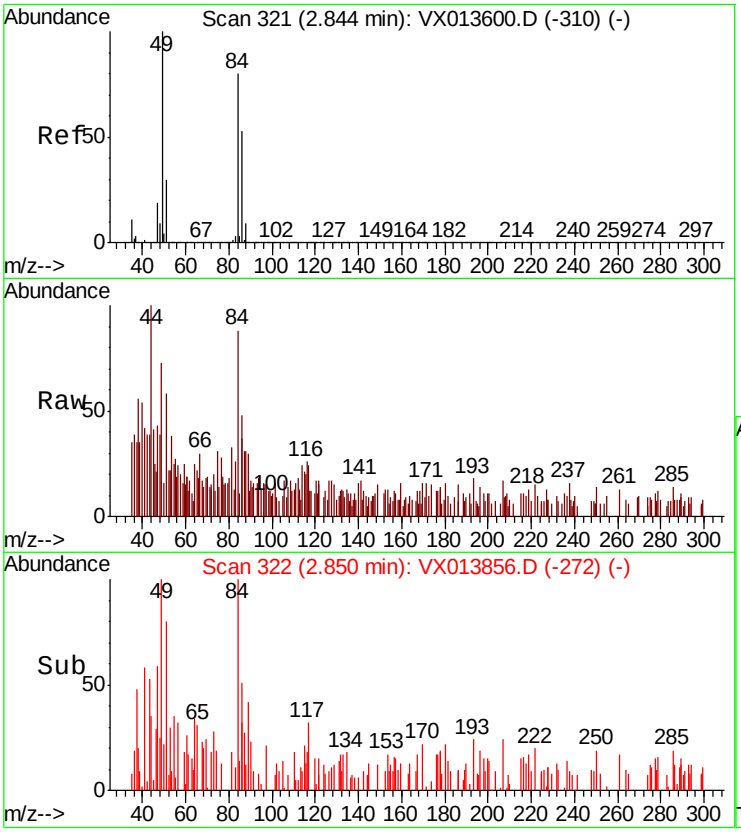


#18
Methyl Acetate
Concen: 3.661 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.16 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 43 Resp: 36198

Ion	Ratio	Lower	Upper
43	100		
74	0.9	19.5	29.3#



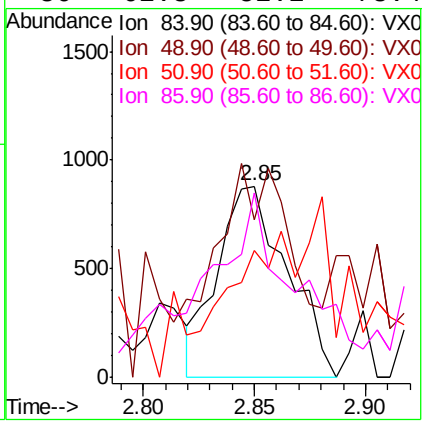


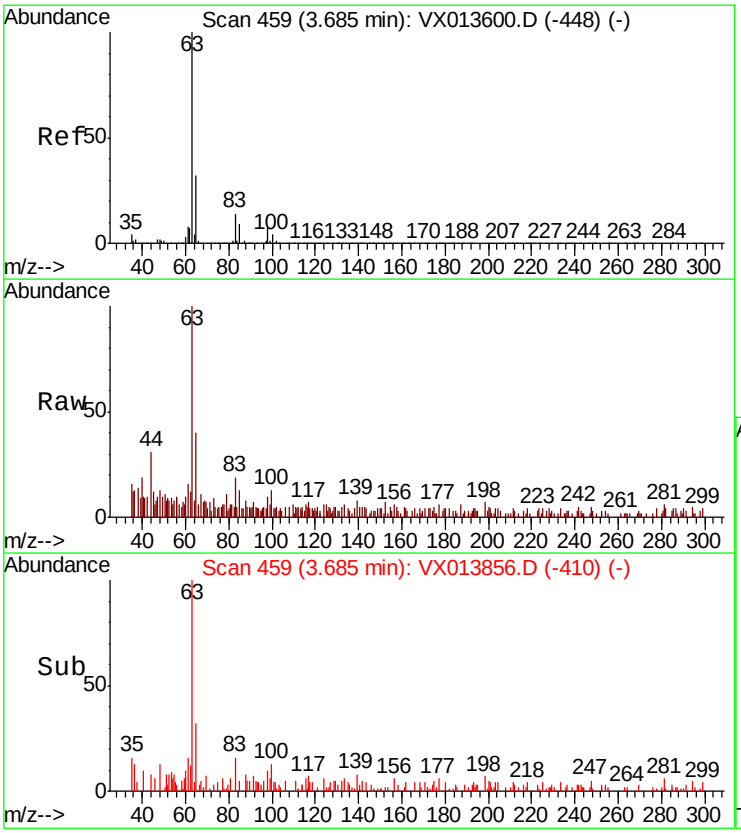
#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument : MSVOA_X
ClientSampleId : RE103D1-20191204

Tgt Ion: 84 Resp: 1919

Ion	Ratio	Lower	Upper
84	100		
49	41.3	99.7	149.5#
51	45.1	29.9	44.9#
86	62.8	52.2	78.4

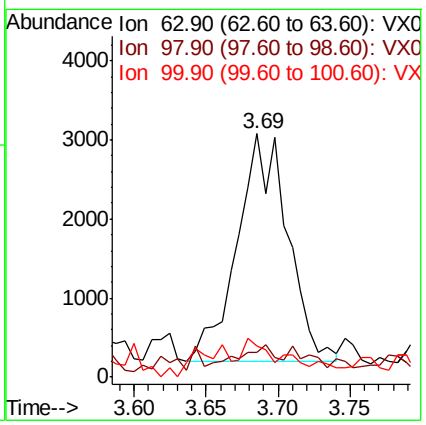


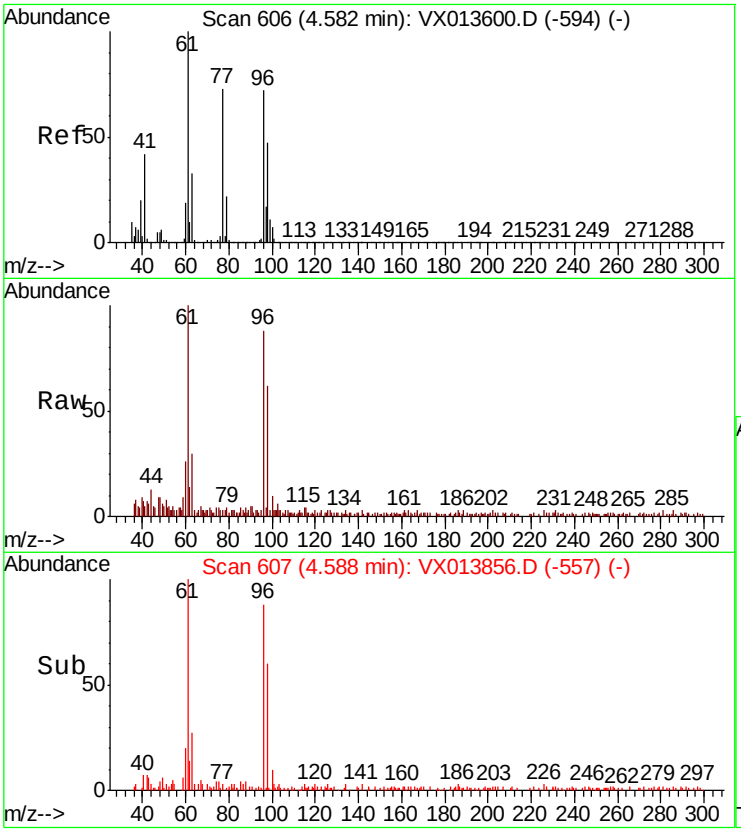


#24
1,1-Dichloroethane
Concen: 0.619 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 63 Resp: 6971

Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.5	10.4
100	13.9	2.1	6.3#



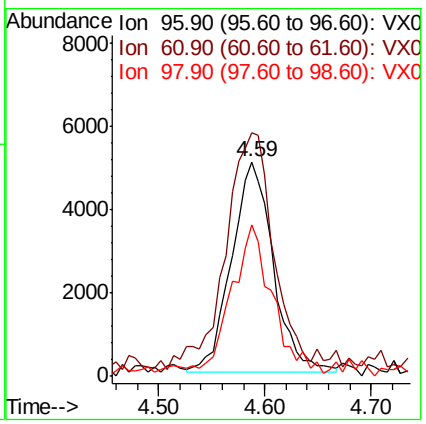


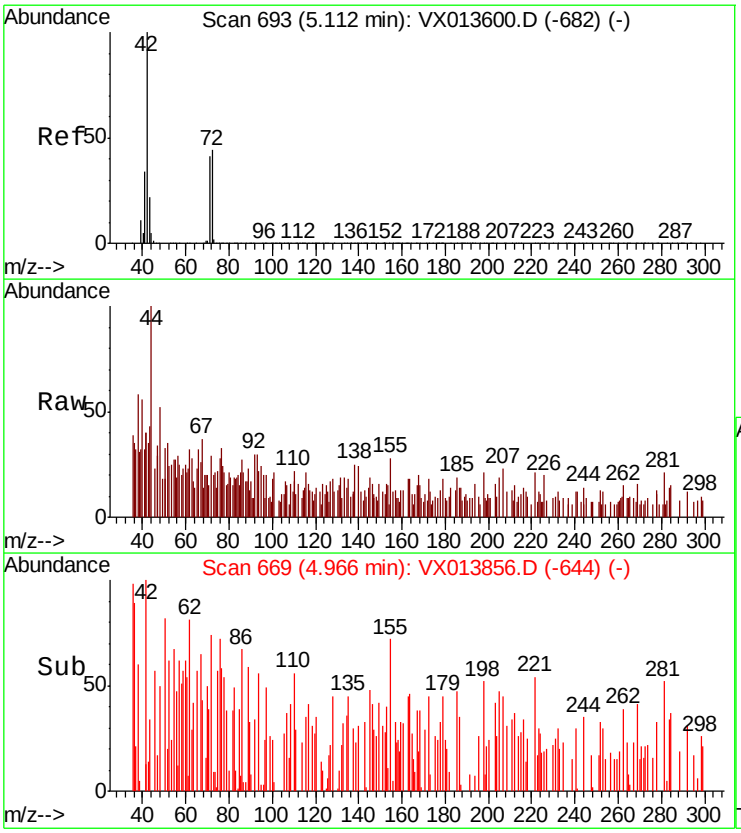
#27
cis-1,2-Dichloroethene
Concen: 1.879 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 96 Resp: 13860

Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	286.4
98	68.4	0.0	127.4

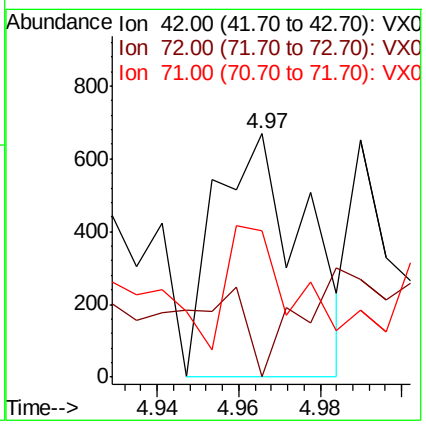


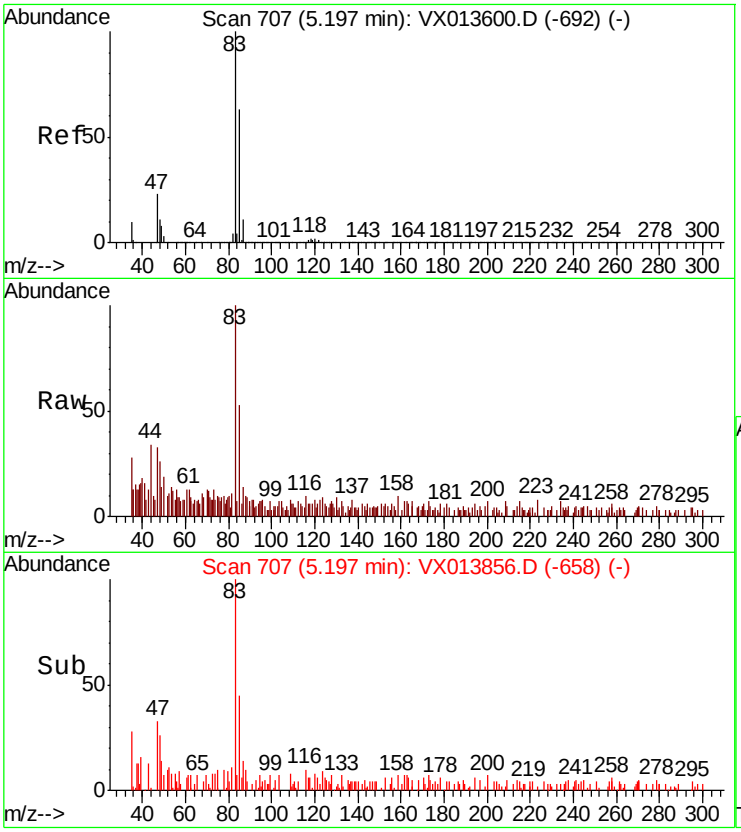


#29
Tetrahydrofuran
Concen: 0.311 ug/l
RT: 4.97 min Scan# 669
Delta R.T. -0.15 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 42 Resp: 1011

Ion	Ratio	Lower	Upper
42	100		
72	50.2	36.3	54.5
71	36.2	33.2	49.8



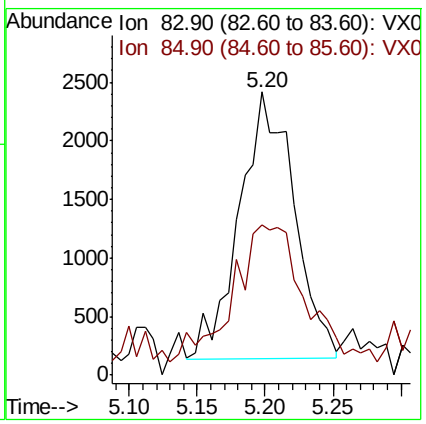


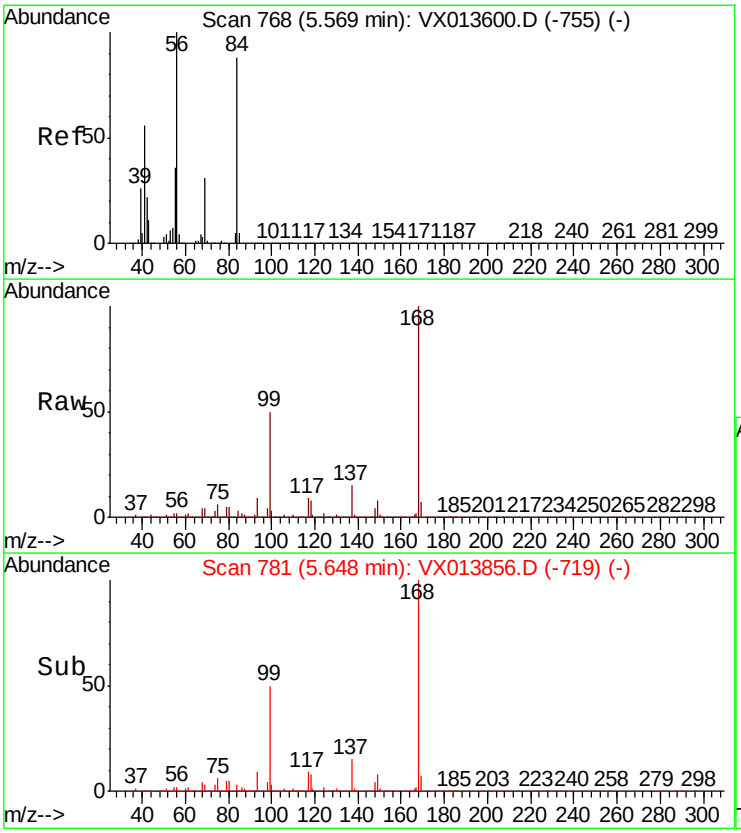
#30
Chloroform
Concen: 0.558 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 83 Resp: 6372

Ion	Ratio	Lower	Upper
83	100		
85	42.5	50.2	75.4#

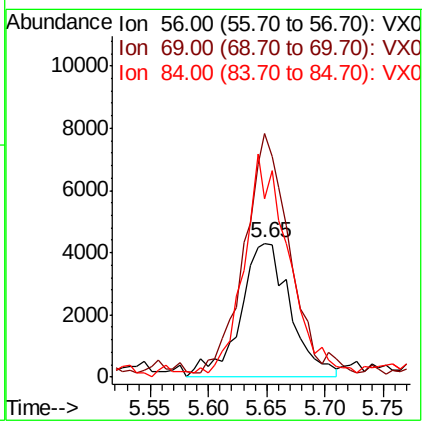


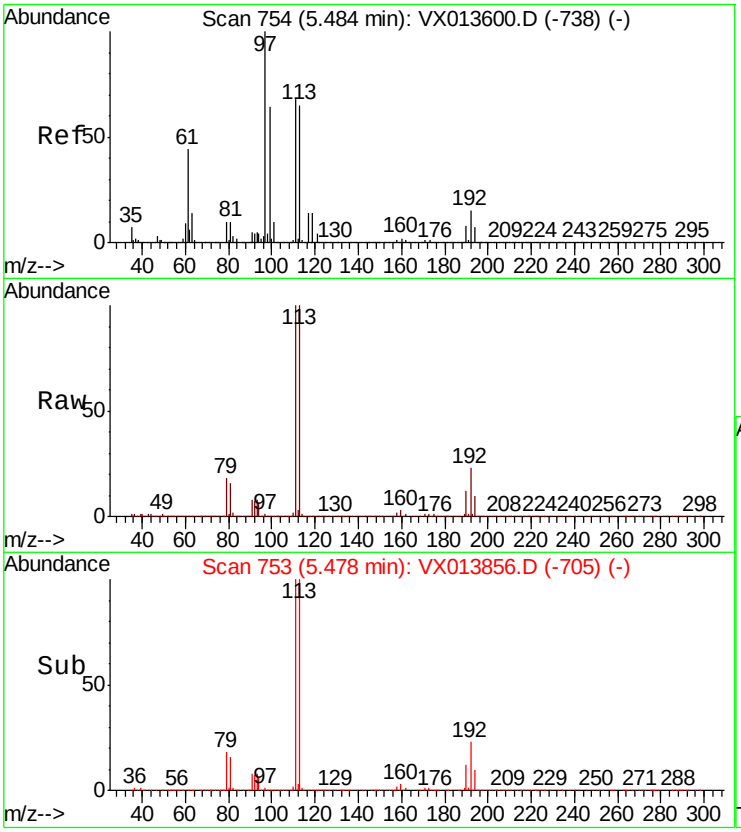


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 56 Resp: 12840

Ion	Ratio	Lower	Upper
56	100		
69	189.1	24.6	36.8#
84	137.0	70.0	105.0#



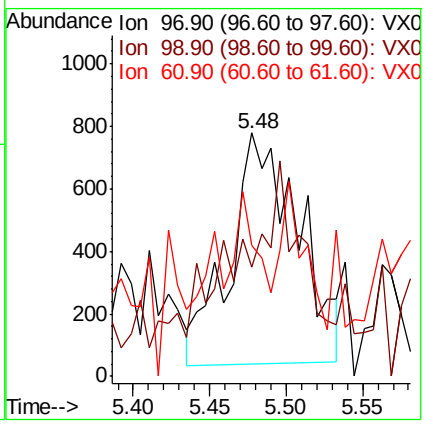


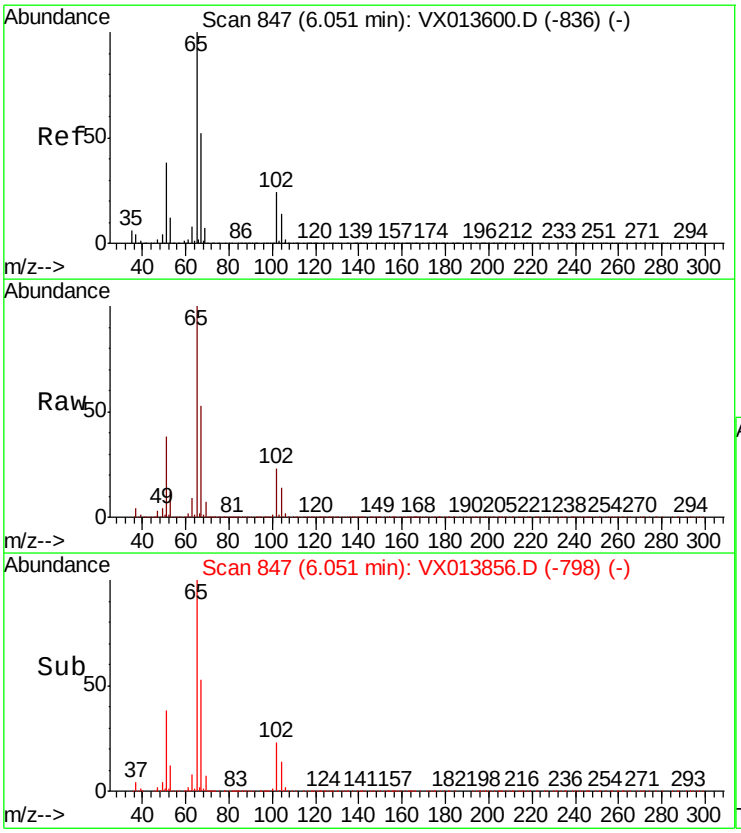
#32
1,1,1-Trichloroethane
Concen: 0.241 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 97 Resp: 2297

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	0.0	36.1	54.1#

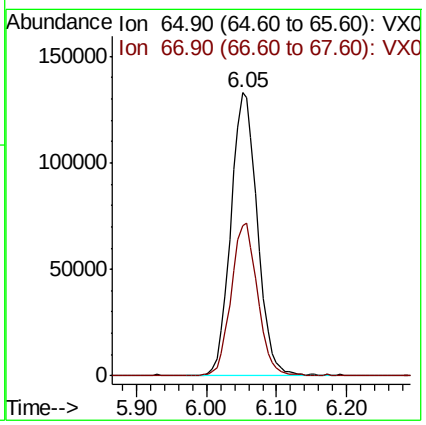


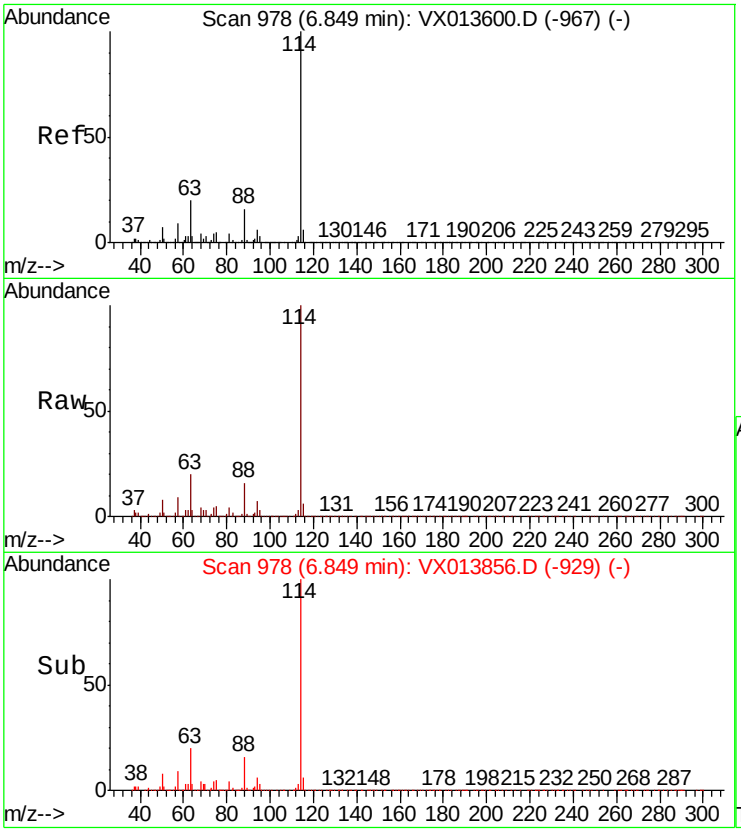


#33
1,2-Dichloroethane-d4
Concen: 48.622 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 65 Resp: 349666

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.4



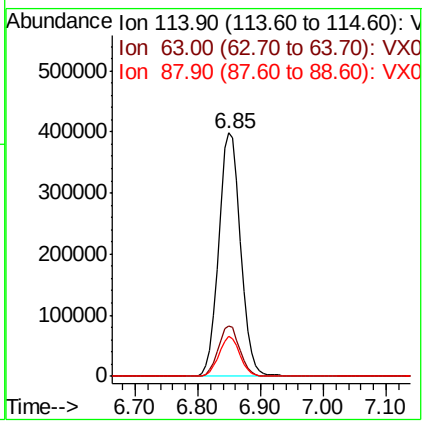


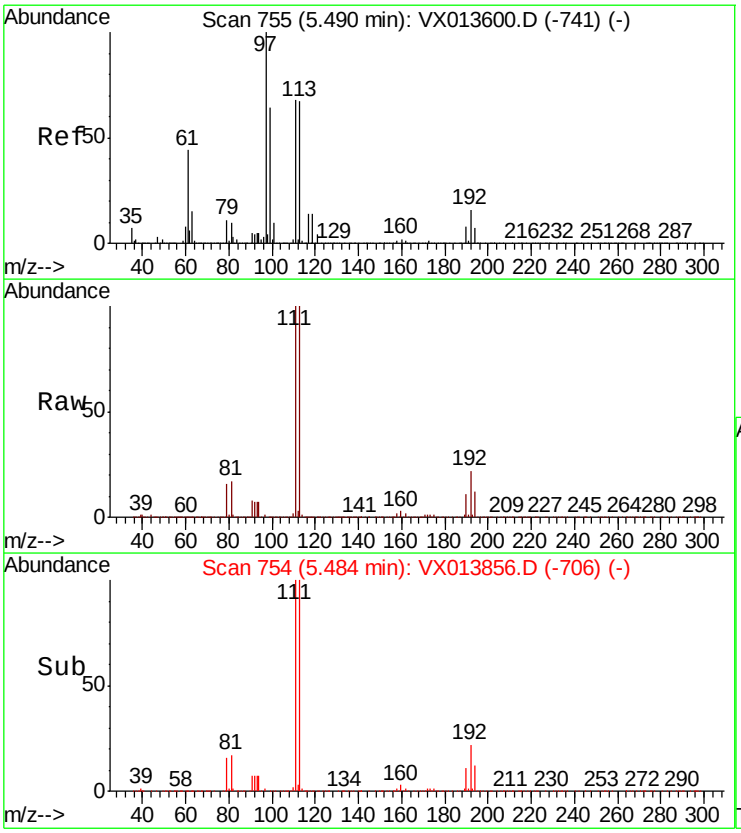
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion:114 Resp: 958952

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.6
88	16.4	0.0	31.4

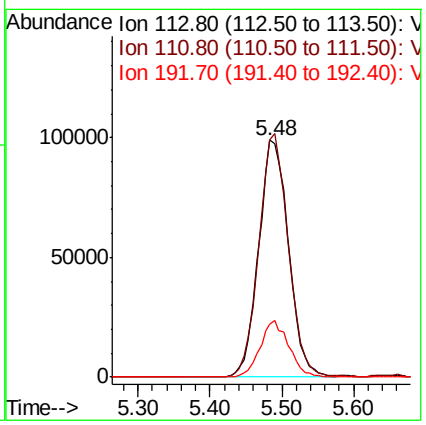


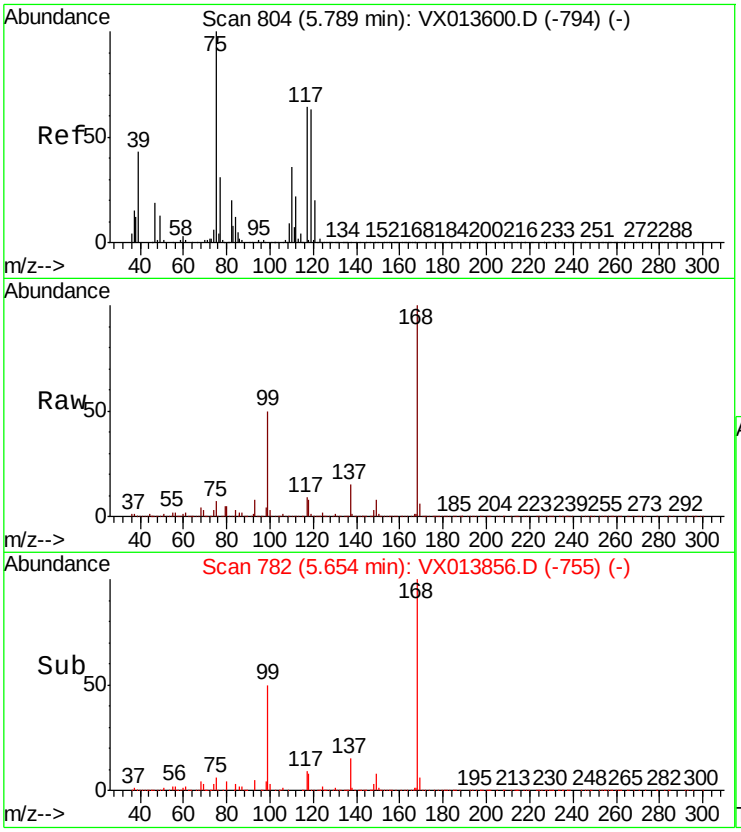


#35
Dibromofluoromethane
Concen: 48.165 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion:113 Resp: 285542

Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.6	125.4
192	22.7	19.2	28.8



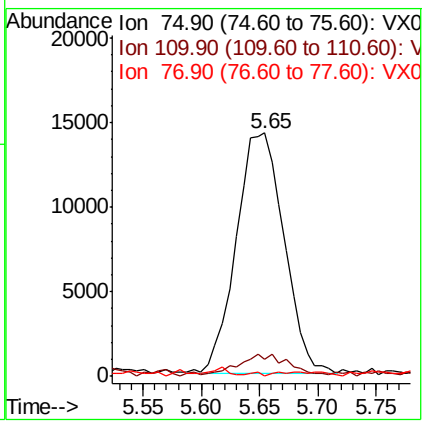


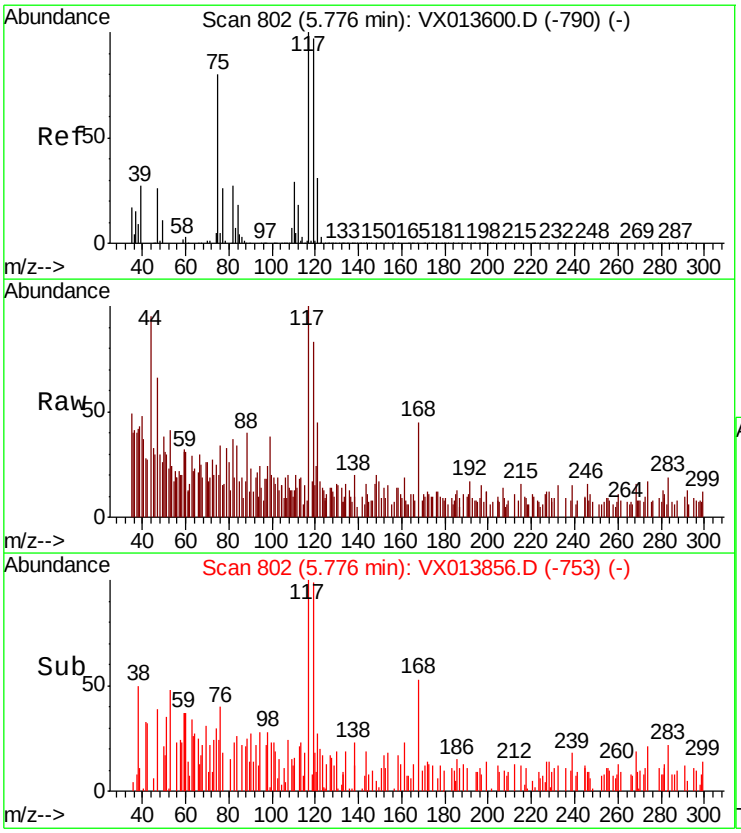
#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument : MSVOA_X
ClientSampleId : RE103D1-20191204

Tgt Ion: 75 Resp: 40499

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.5	24.5	36.7#

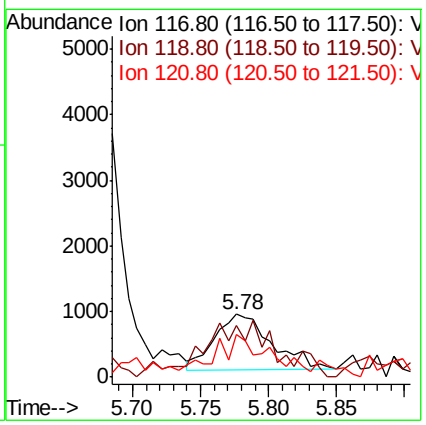


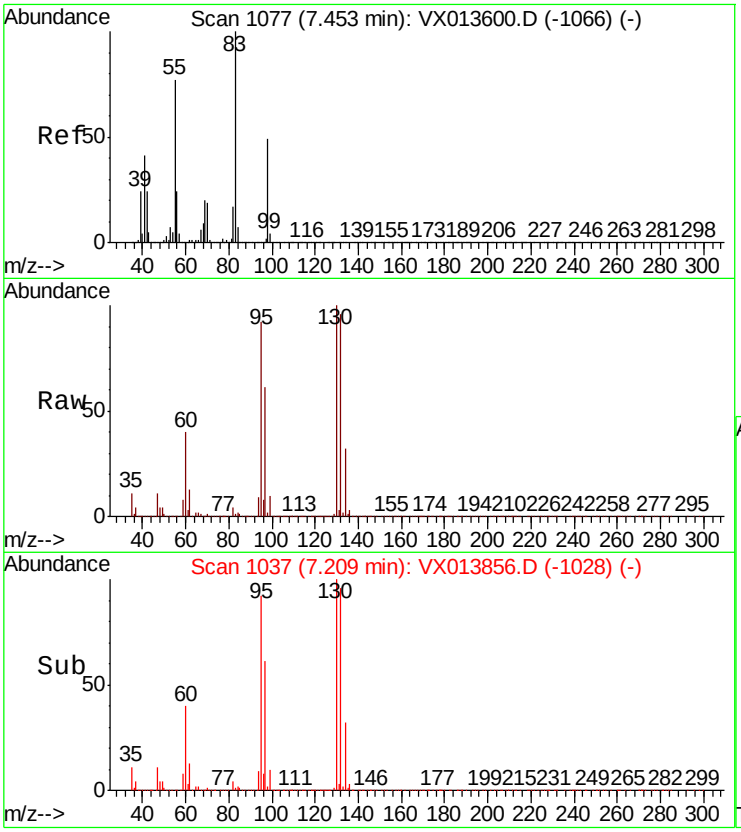


#38
Carbon Tetrachloride
Concen: 0.307 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion:117 Resp: 2467

Ion	Ratio	Lower	Upper
117	100		
119	77.6	77.5	116.3
121	65.3	25.0	37.6#



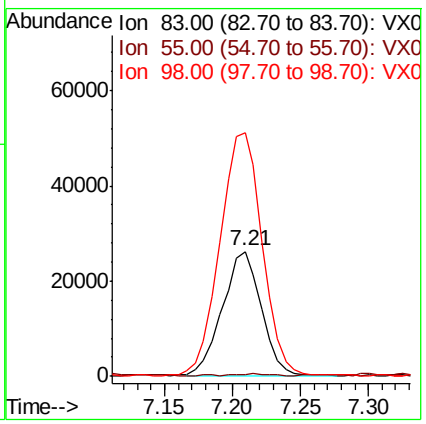


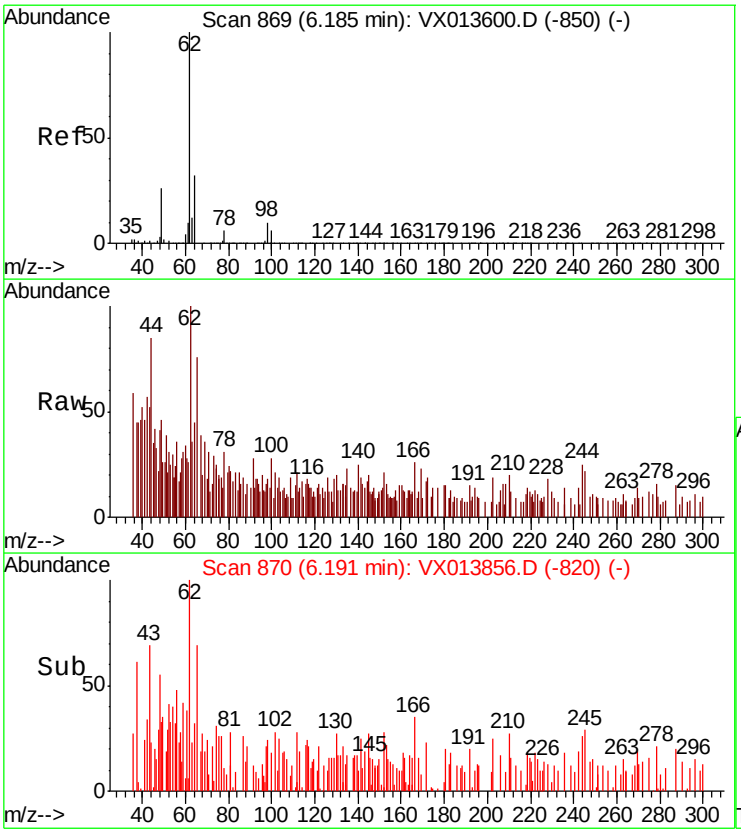
#39
Methylcyclohexane
Concen: 4.896 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 83 Resp: 52684

Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.9	92.9#
98	193.8	39.4	59.0#

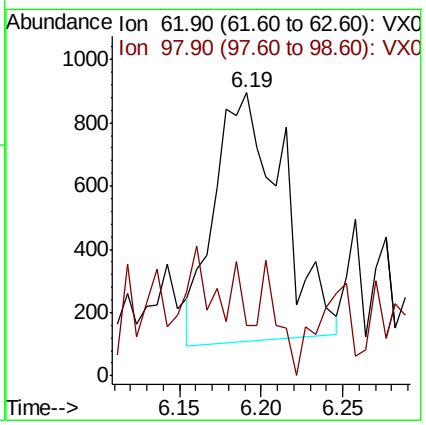


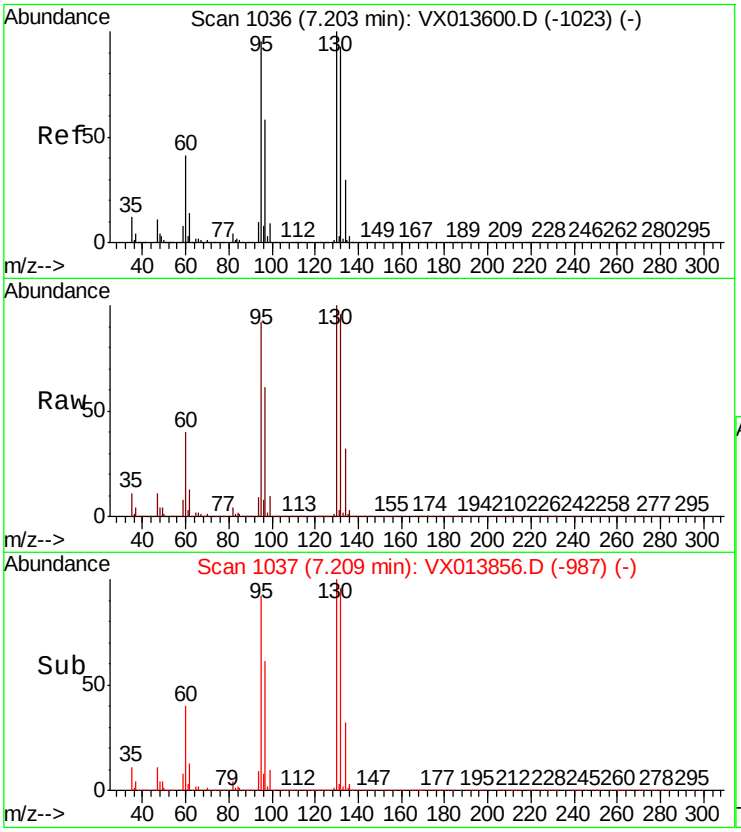


#42
1,2-Dichloroethane
Concen: 0.251 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 62 Resp: 2269

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.8



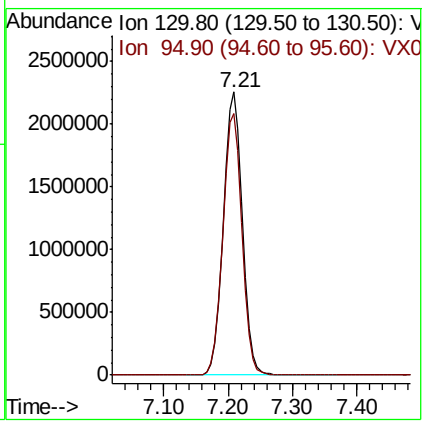


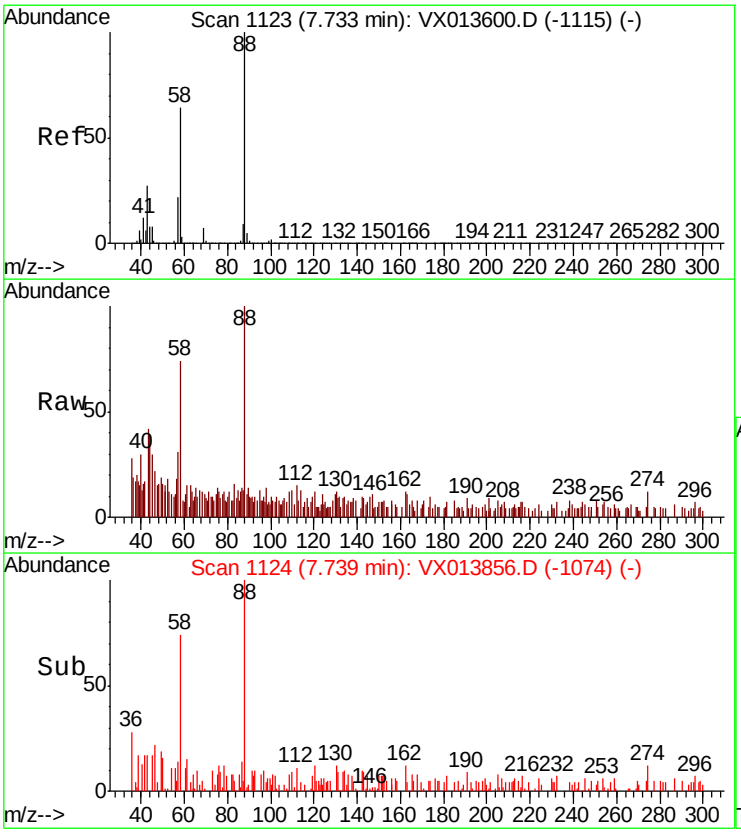
#44
Trichloroethene
Concen: 645.889 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion:130 Resp: 4699606

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	190.8

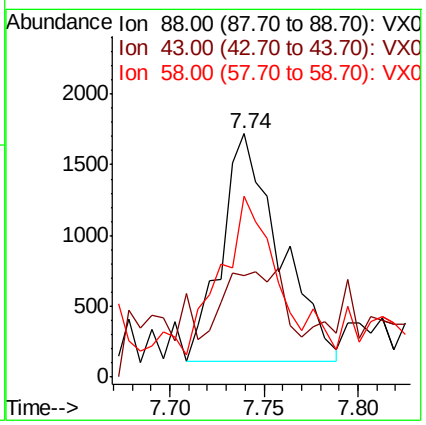


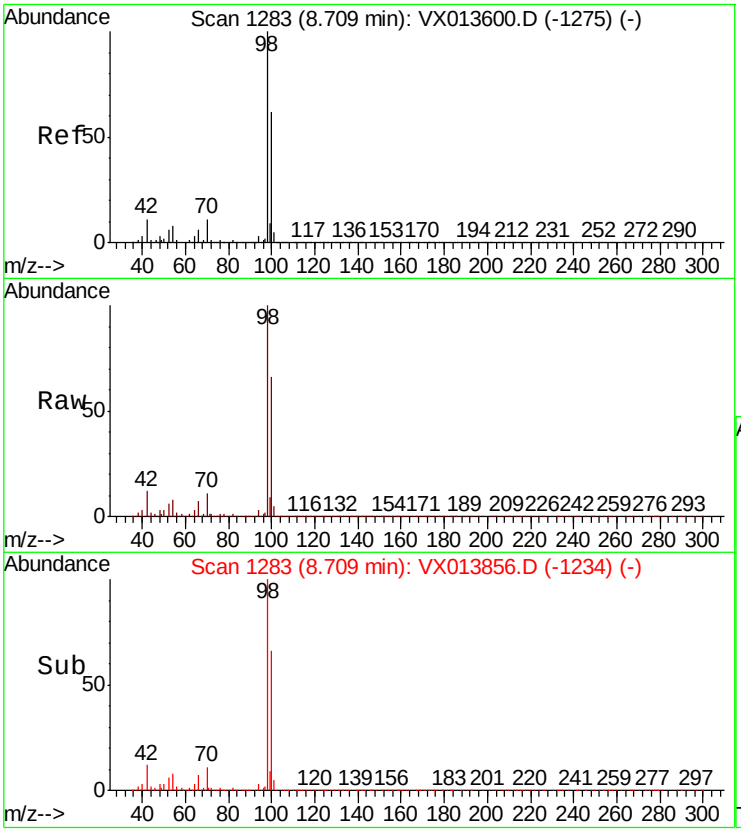


#49
1,4-Dioxane
Concen: 19.651 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 88 Resp: 3436

Ion	Ratio	Lower	Upper
88	100		
43	29.4	25.8	38.6
58	68.6	54.6	82.0



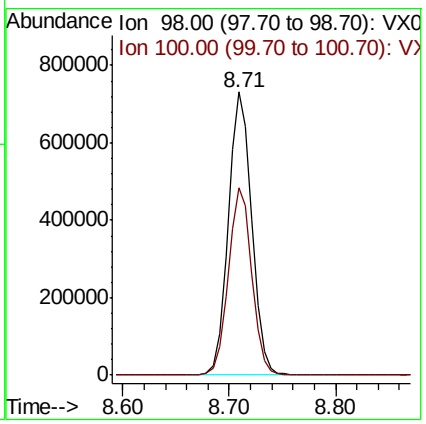


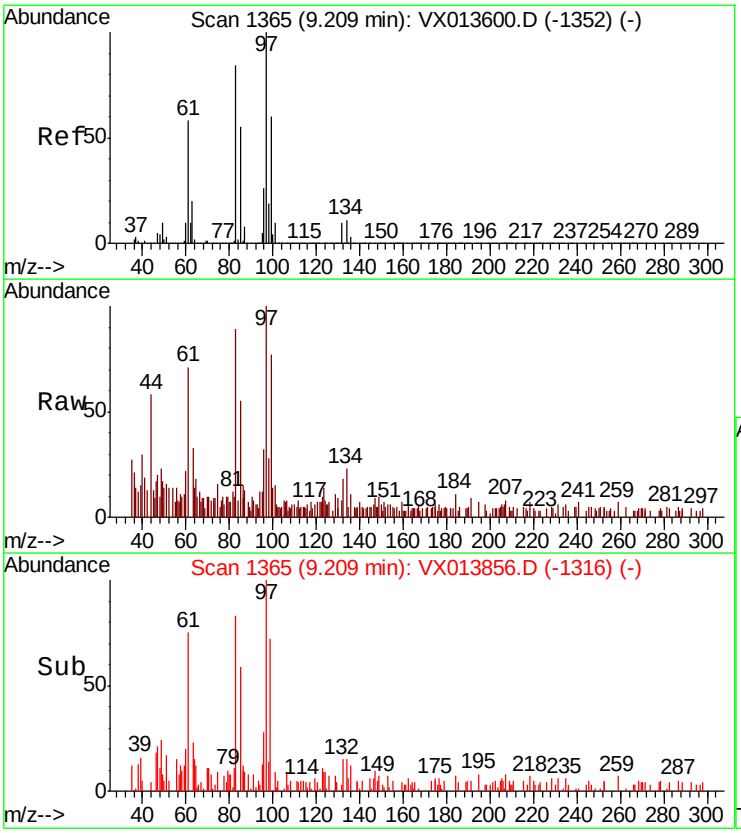
#50
Toluene-d8
Concen: 48.690 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 98 Resp: 1124626

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7

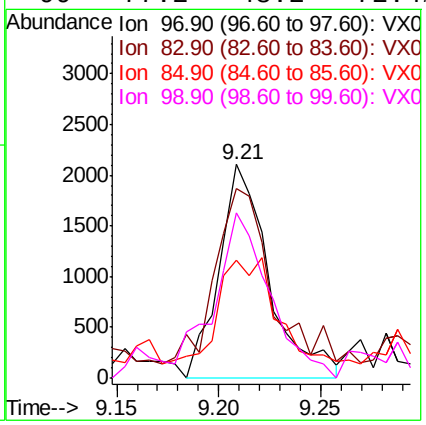


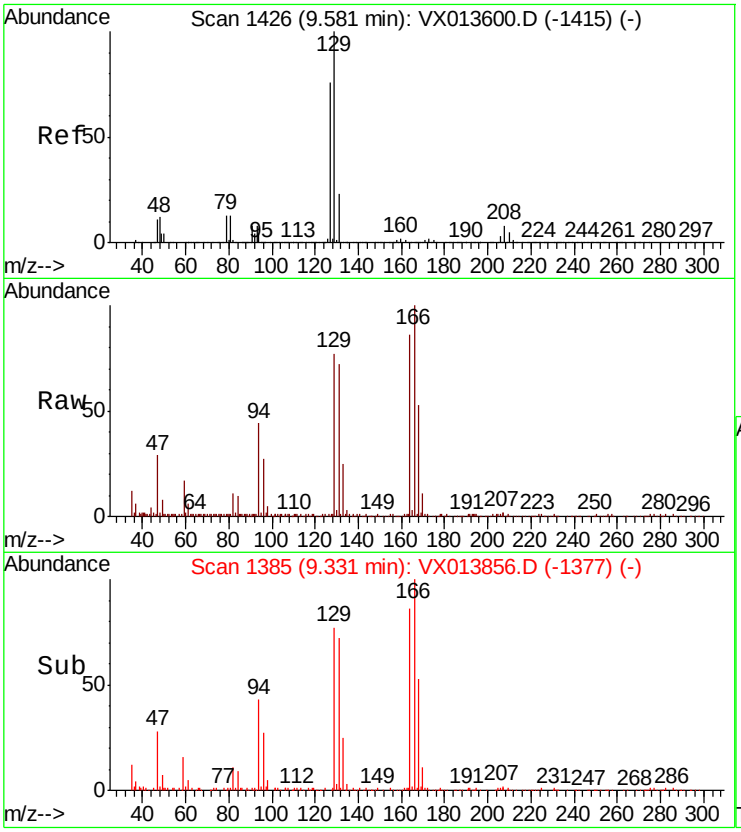


#55
1,1,2-Trichloroethane
Concen: 0.539 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 97 Resp: 3576

Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.3	100.9
85	47.4	43.6	65.4
99	77.2	48.2	72.4#



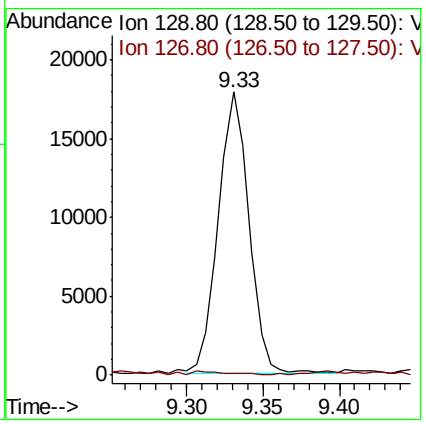


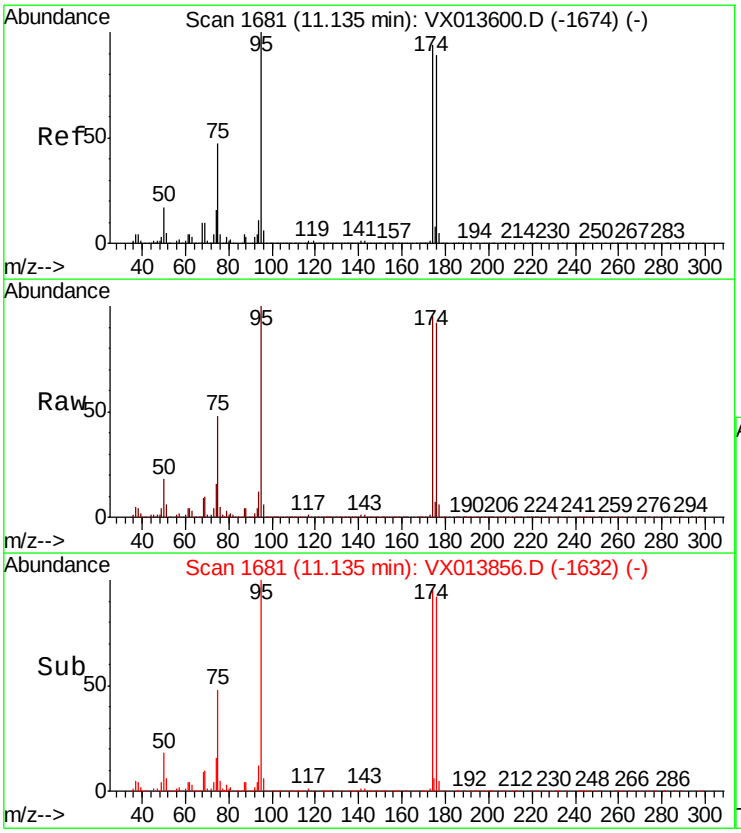
#60
Dibromochloromethane
Concen: 3.631 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion:129 Resp: 25011

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

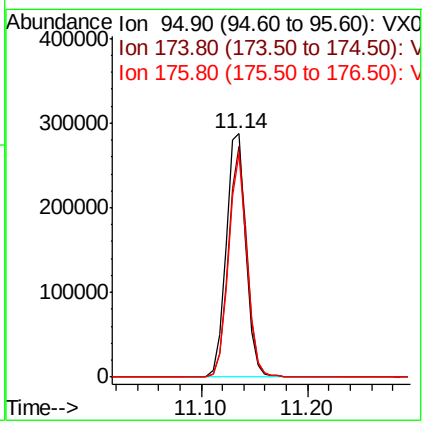


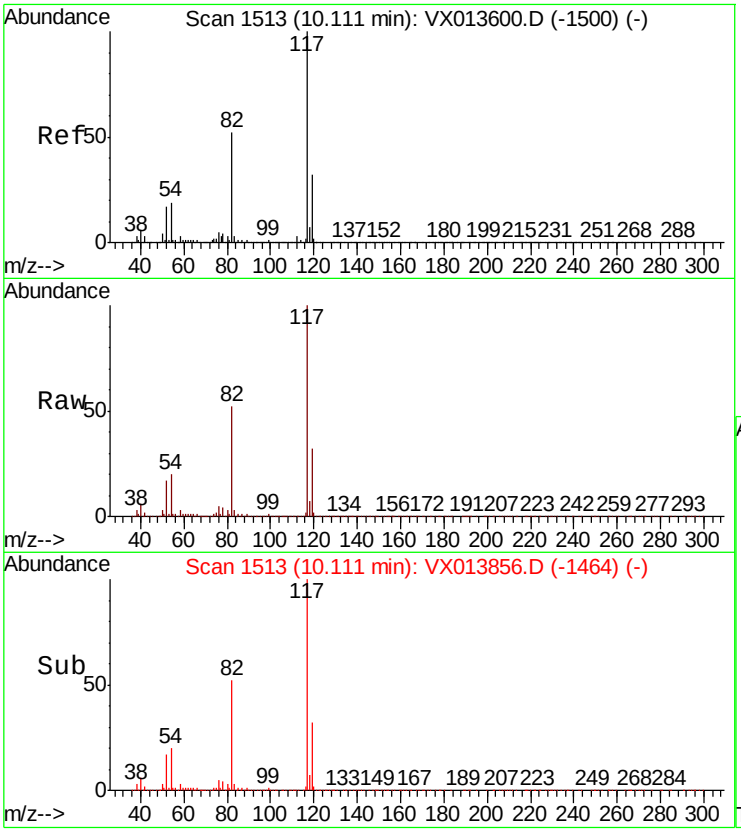


#62
4-Bromofluorobenzene
Concen: 44.868 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 95 Resp: 373709

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	180.0
176	86.0	0.0	173.6



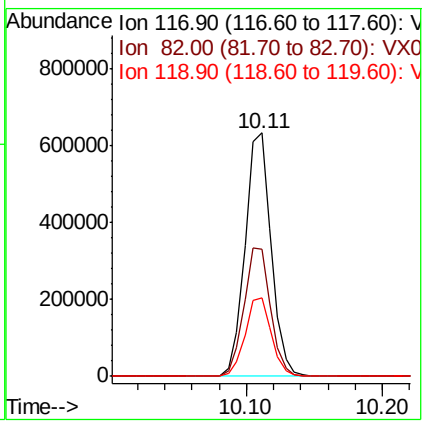


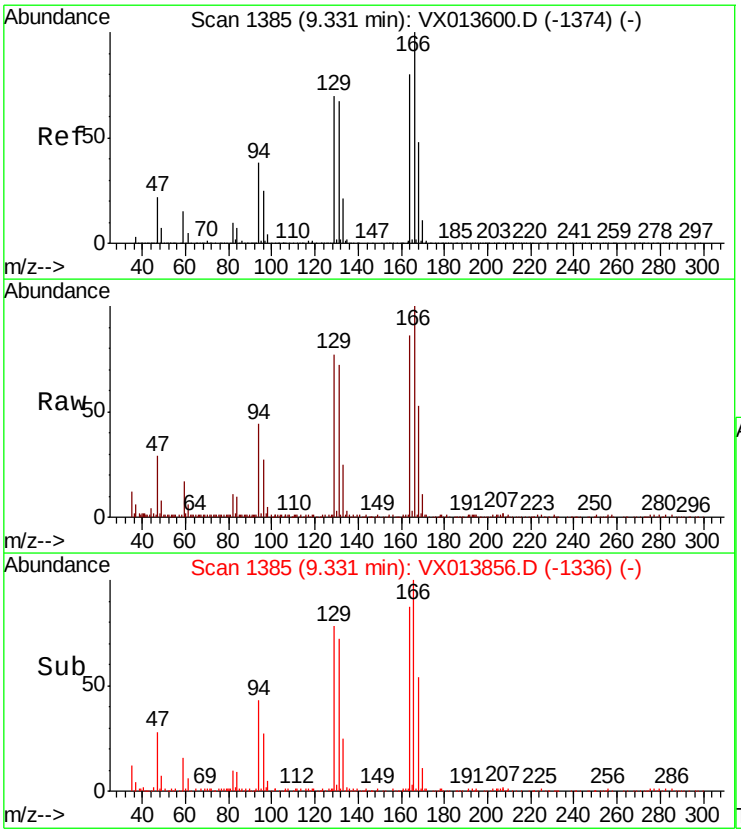
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument : MSVOA_X
ClientSampleId : RE103D1-20191204

Tgt Ion:117 Resp: 850945

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.1	25.8	38.8

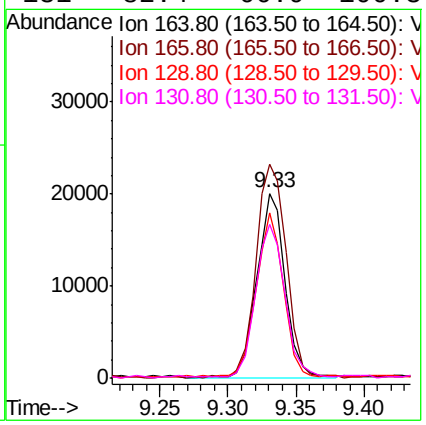


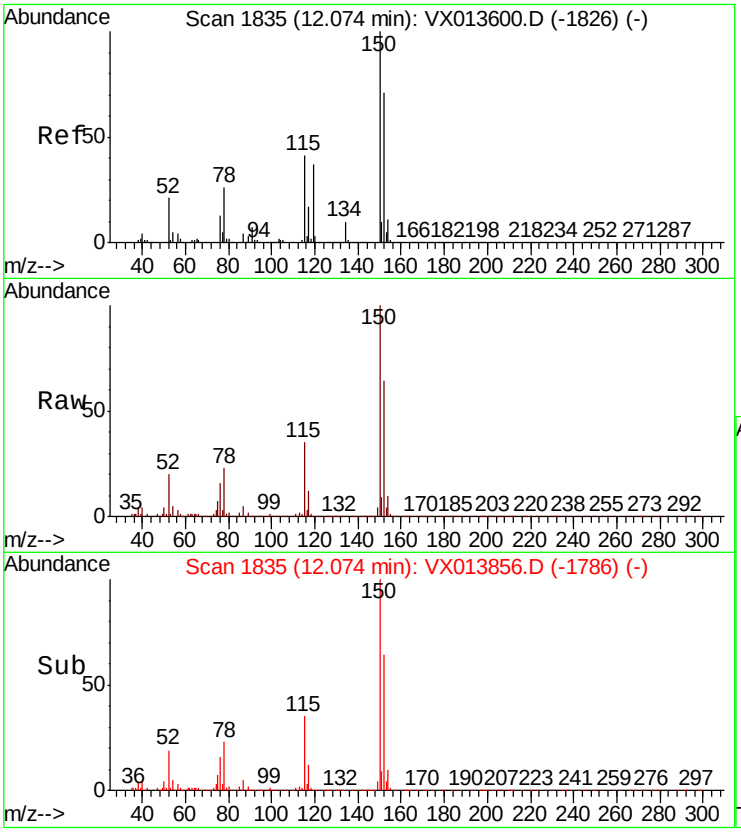


#64
Tetrachloroethene
Concen: 4.621 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion:164 Resp: 29323

Ion	Ratio	Lower	Upper
164	100		
166	115.1	99.7	149.5
129	88.4	70.1	105.1
131	82.4	66.9	100.3



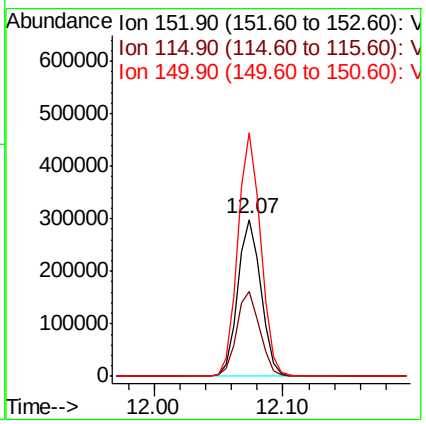


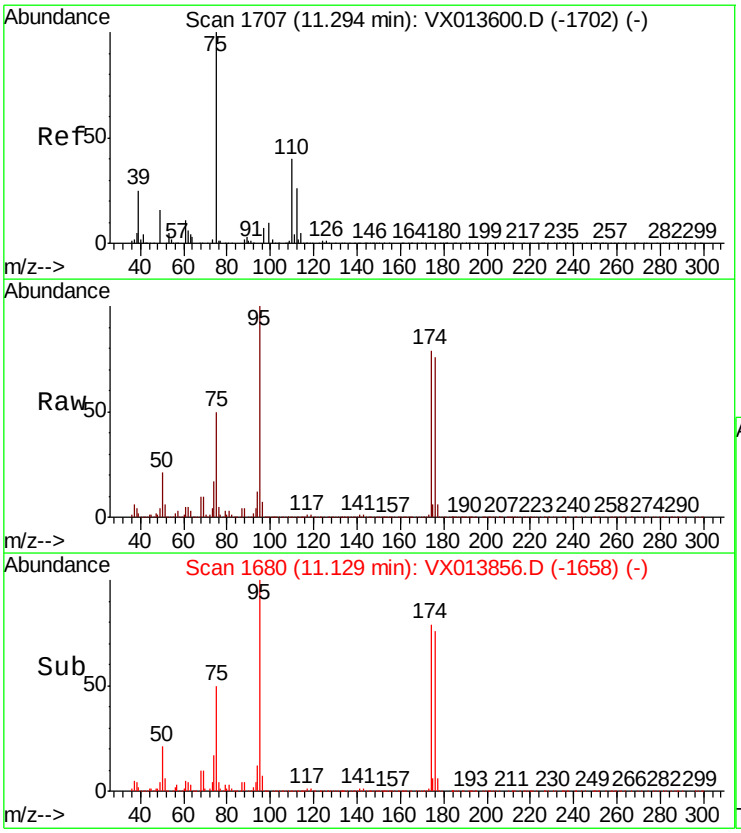
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion:152 Resp: 371475

Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	154.0	0.0	346.8

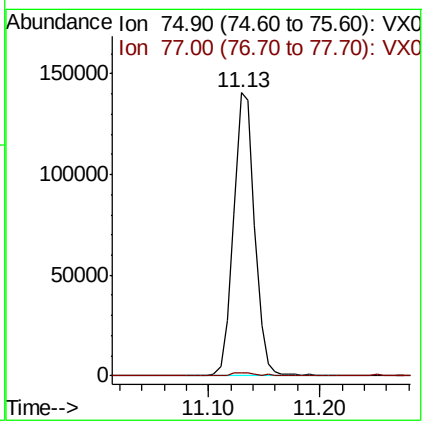


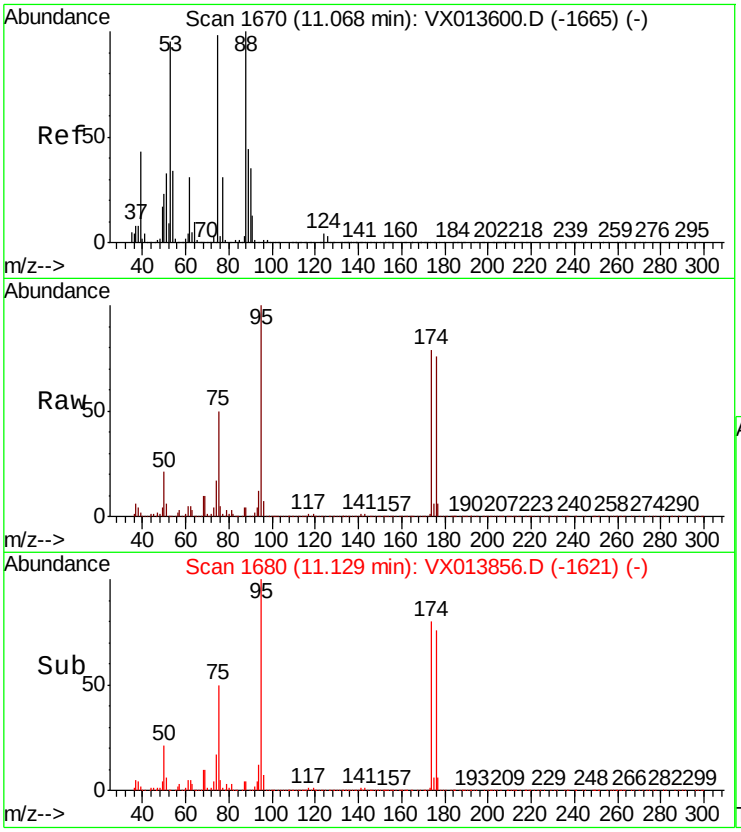


#76
1,2,3-Trichloropropane
Concen: 21.974 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 75 Resp: 183596

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#



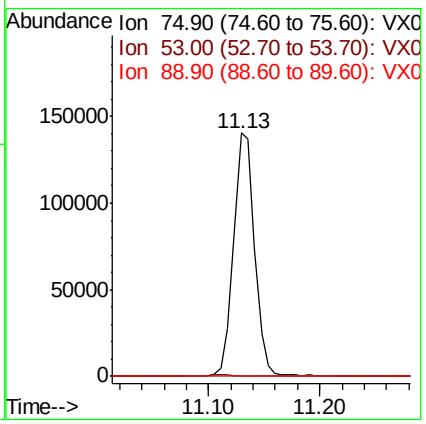


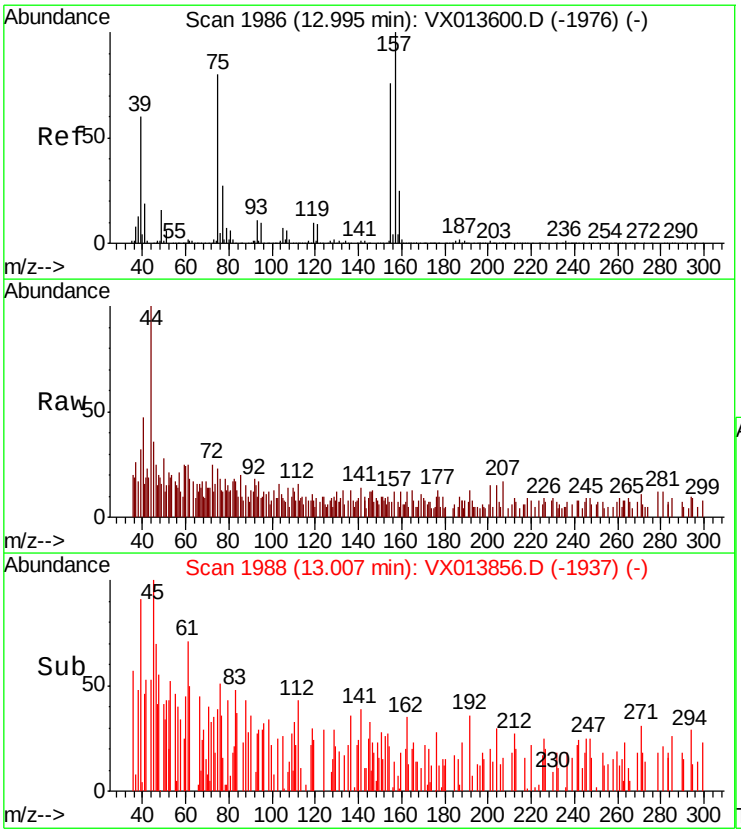
#81
trans-1,4-Dichloro-2-butene
Concen: 60.117 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20191204

Tgt Ion: 75 Resp: 183596

Ion	Ratio	Lower	Upper
75	100		
53	0.8	78.2	117.2#
89	0.1	35.4	53.2#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.220 ug/l
RT: 13.01 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VX013856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 75 Resp: 433

Ion	Ratio	Lower	Upper
75	100		
155	32.1	47.6	142.8#
157	61.9	62.1	186.2#