Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121619\
Data File : VX014041.D
Acq On : 16 Dec 2019 17:34
Operator : JC/SP
Sample : K6251-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE117D1-20191206

Quant Time: Dec 17 03:31:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	567538	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	877393	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	780163	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327791	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	319823	49.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.44%				
35) Dibromofluoromethane	5.49	113	258502	48.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.94%				
50) Toluene-d8	8.71	98	1033640	49.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.56%				
62) 4-Bromofluorobenzene	11.14	95	341400	44.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.96%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	4137	0.607	ug/l		96
6) Chloroethane	1.78	64	1112	0.251	ug/l	#	45
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1494	0.278	ug/l	#	63
10) Methyl Iodide	2.49	142	195	2.647	ug/l	#	1
11) Tert butyl alcohol	3.02	59	3452	2.484	ug/l	#	94
12) 1,1-Dichloroethene	2.37	96	1401	0.257	ug/l	#	42
13) Acrolein	2.27	56	229	0.288	ug/l		87
16) Acetone	2.43	43	13354	3.198	ug/l		92
17) Carbon Disulfide	2.56	76	1716	0.862	ug/l	#	87
20) Methylene Chloride	2.86	84	1461	0.222	ug/l	#	64
27) cis-1,2-Dichloroethene	4.58	96	3548	0.522	ug/l		87
28) Bromochloromethane	5.01	49	577	0.591	ug/l	#	40
29) Tetrahydrofuran	5.09	42	636	0.221	ug/l	#	46
36) 1,1-Dichloropropene	5.65	75	42161	5.237	ug/l	#	52
38) Carbon Tetrachloride	5.77	117	7270	0.991	ug/l	#	85
44) Trichloroethene	7.21	130	391546	57.228	ug/l		98
49) 1,4-Dioxane	7.71	88	200	1.364	ug/l	#	1
55) 1,1,2-Trichloroethane	9.21	97	2296	0.366	ug/l	#	82
76) 1,2,3-Trichloropropane	11.13	75	164885	23.170	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	164885	65.398	ug/l	#	12

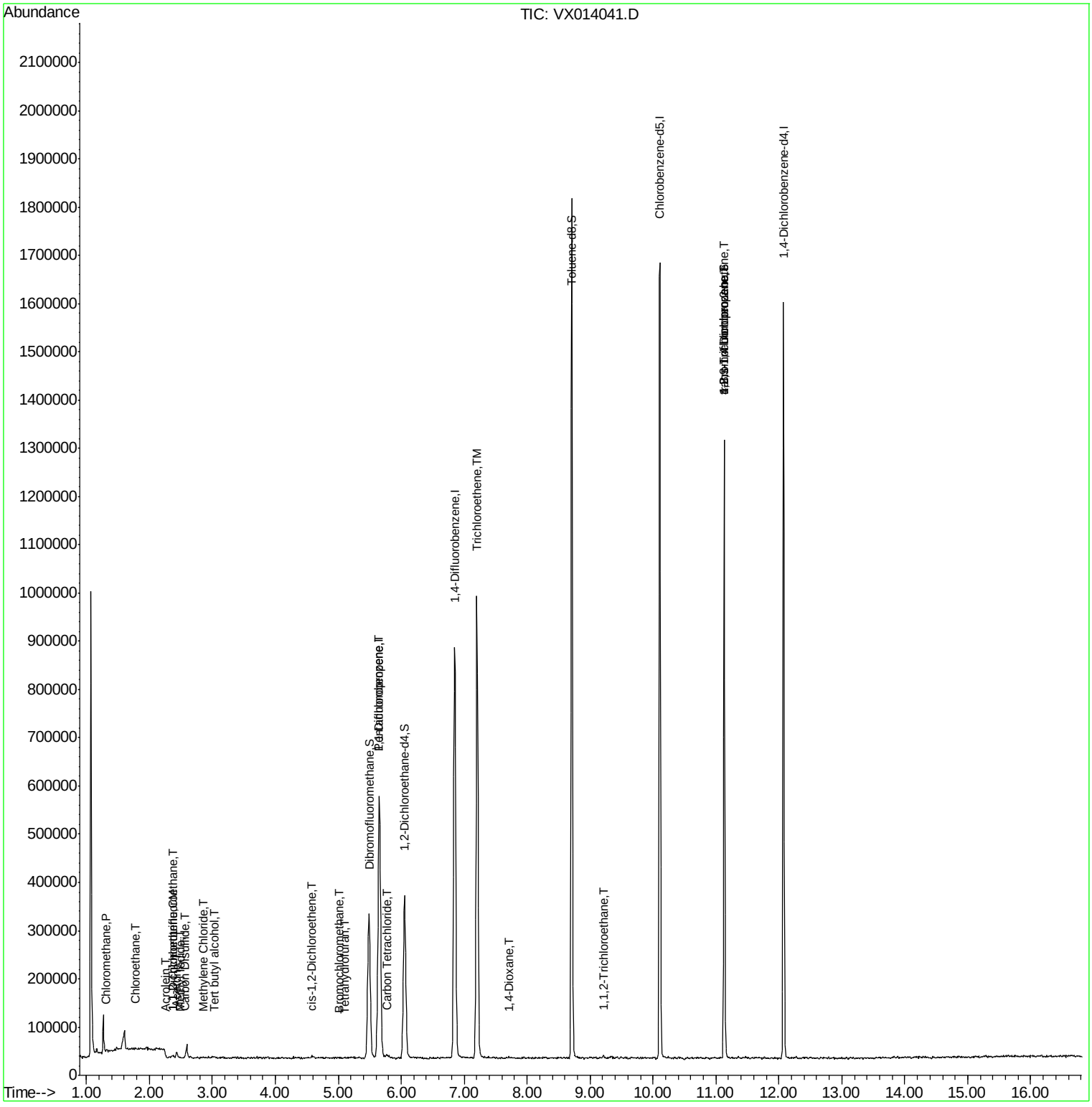
(#) = qualifier out of range (m) = manual integration (+) = signals summed

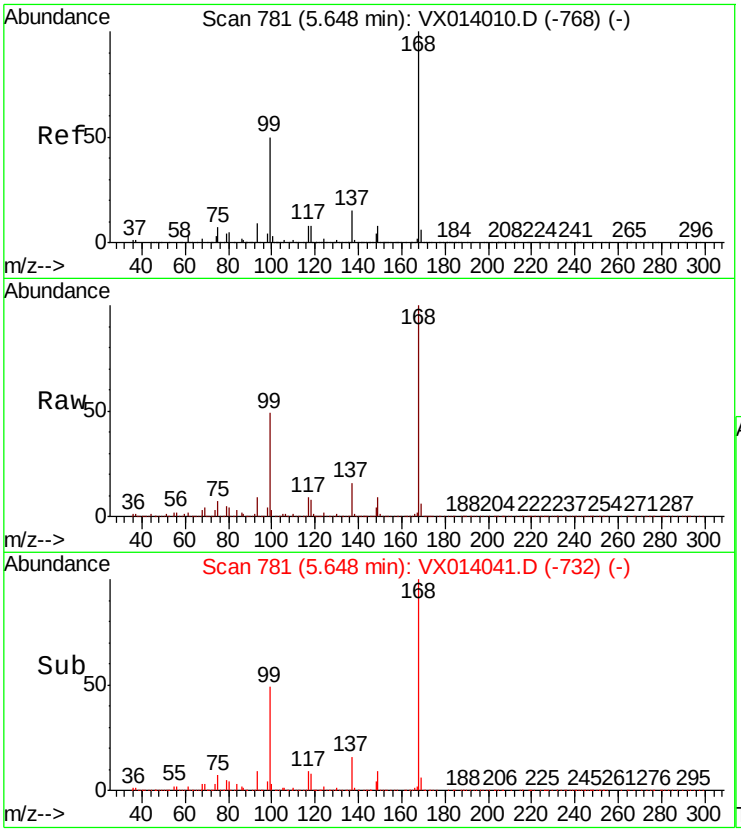
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121619\
Data File : VX014041.D
Acq On : 16 Dec 2019 17:34
Operator : JC/SP
Sample : K6251-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Quant Time: Dec 17 03:31:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

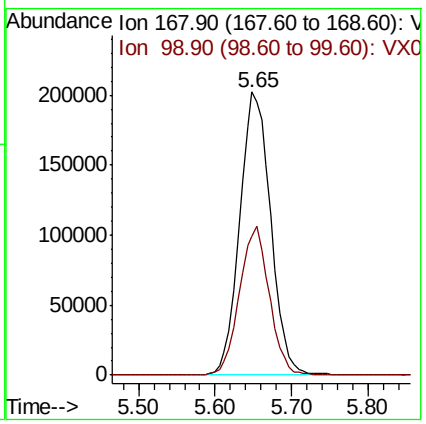




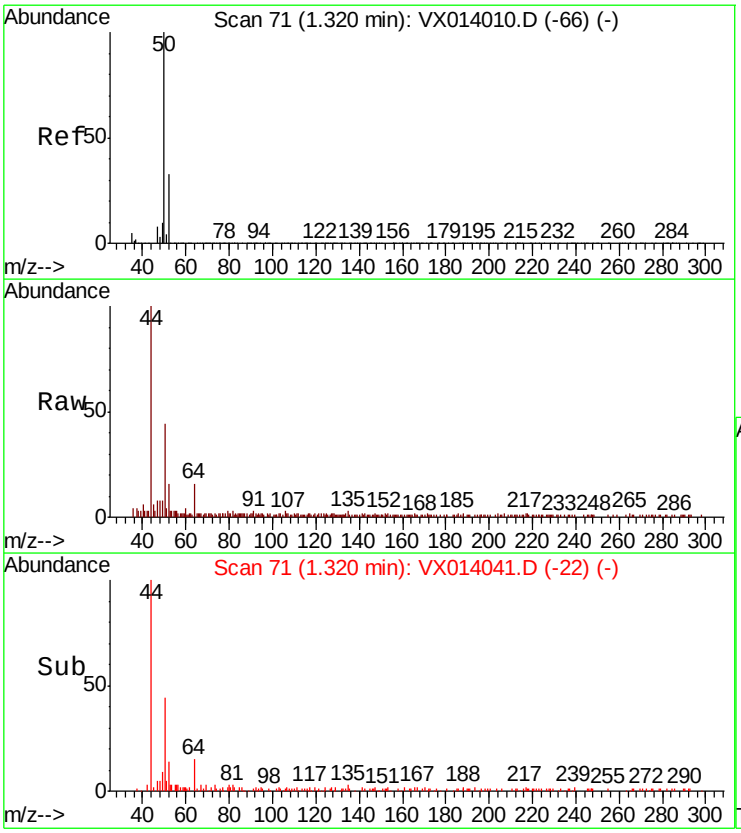
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion:168 Resp: 567538

Ion	Ratio	Lower	Upper
168	100		
99	49.0	40.3	60.5



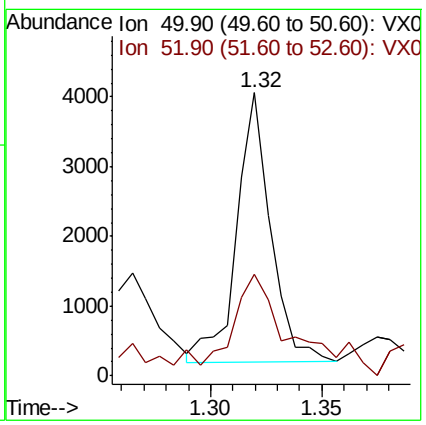
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

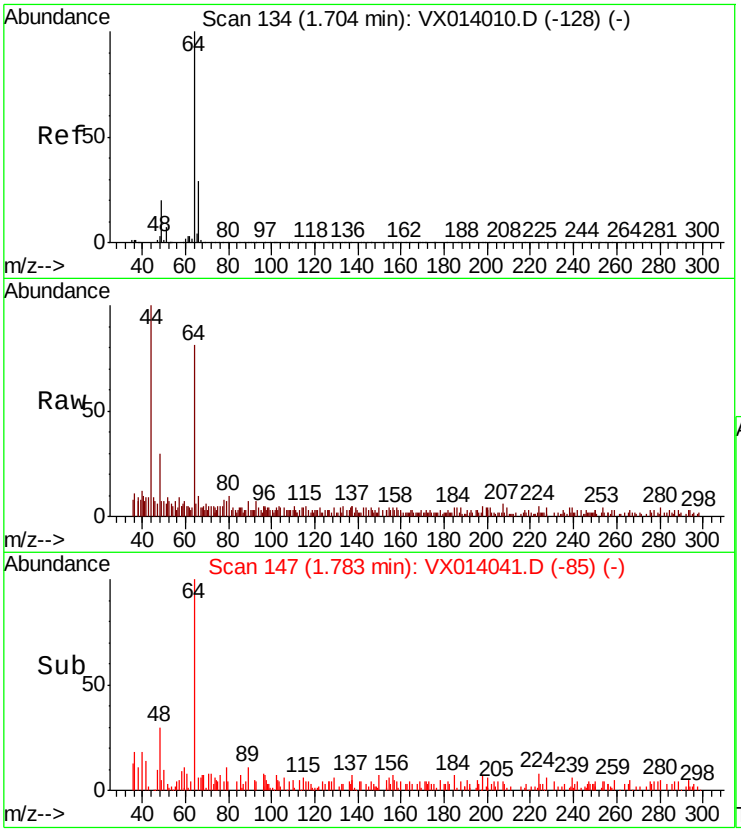


#3
Chloromethane
Concen: 0.607 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 50 Resp: 4137

Ion	Ratio	Lower	Upper
50	100		
52	30.7	26.2	39.4



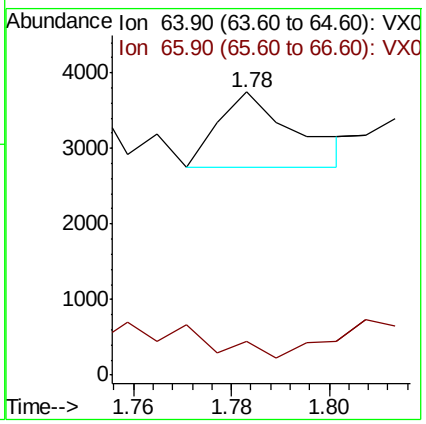


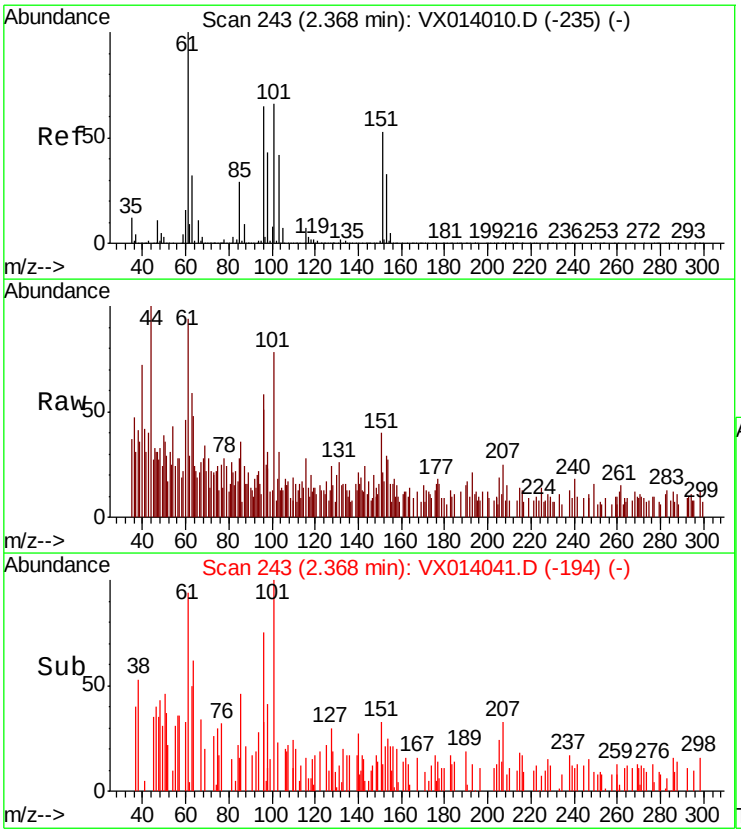
#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.78 min Scan# 147
Delta R.T. 0.08 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Tgt Ion: 64 Resp: 1112

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	35.2#

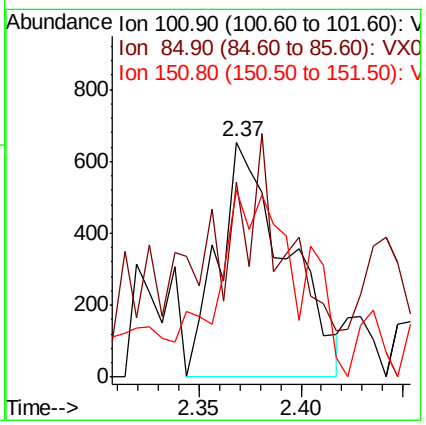


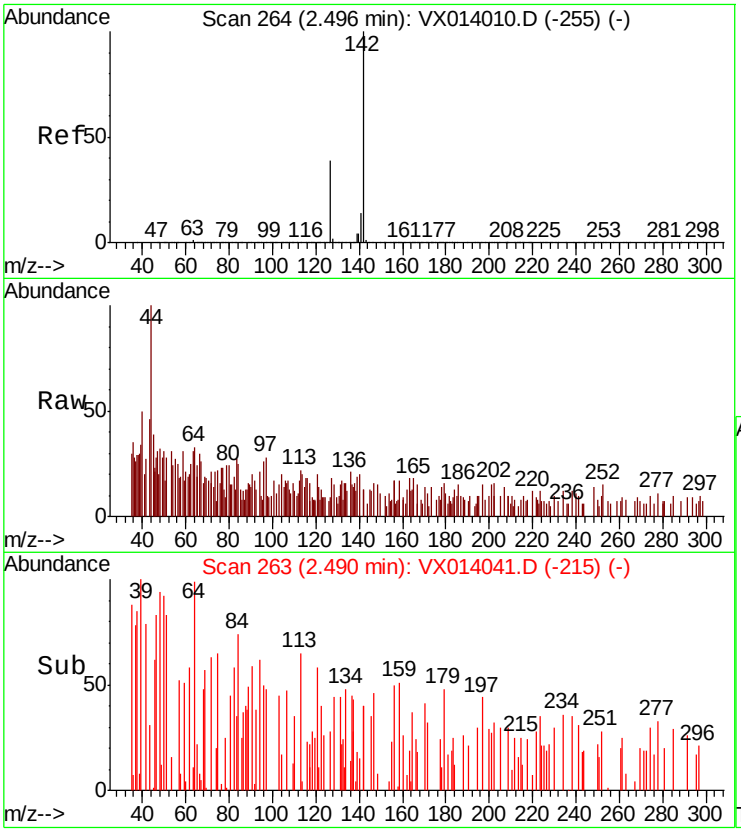


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.278 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion:101 Resp: 1494

Ion	Ratio	Lower	Upper
101	100		
85	9.0	33.7	50.5#
151	54.4	64.5	96.7#



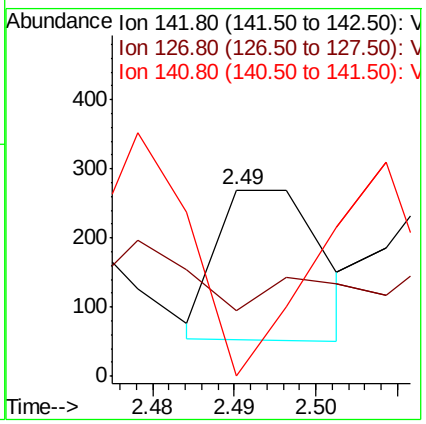


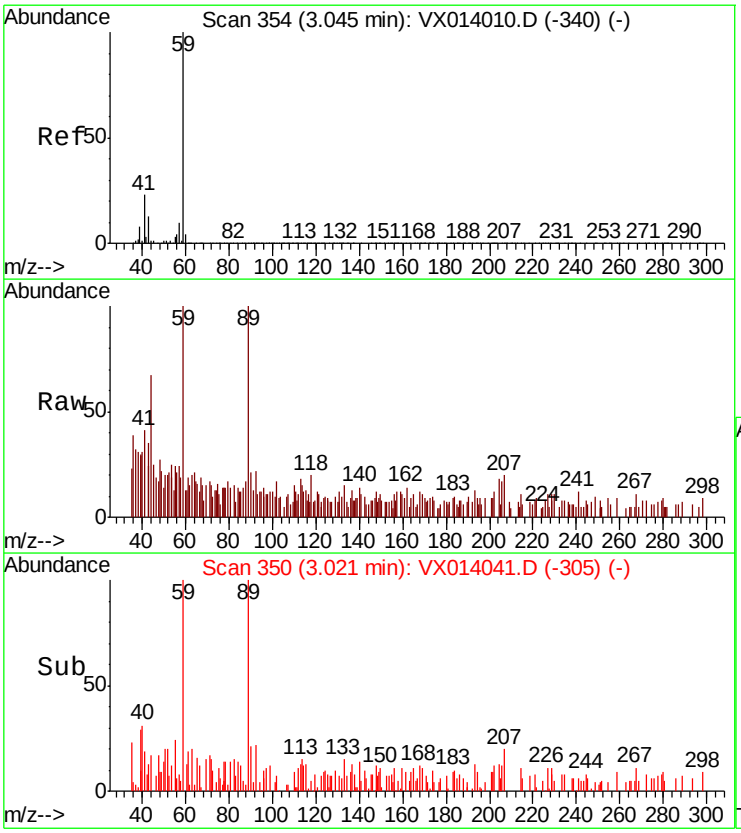
#10
Methyl Iodide
Concen: 2.647 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument : MSVOA_X
ClientSampleId : RE117D1-20191206

Tgt Ion:142 Resp: 195

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.6	47.4#
141	290.8	11.6	17.4#

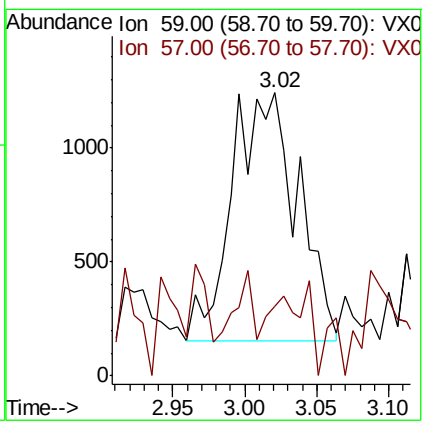


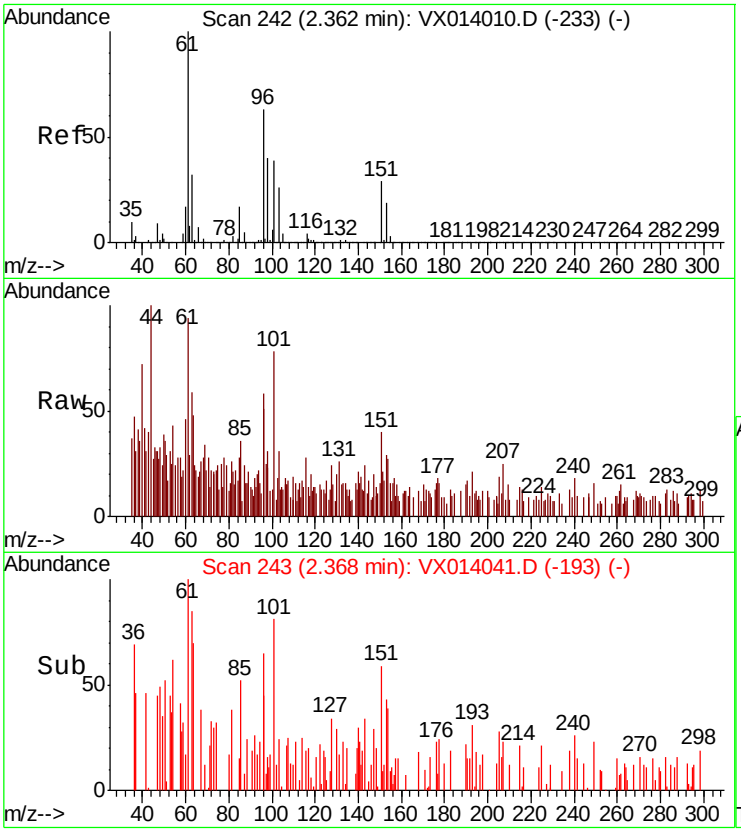


#11
Tert butyl alcohol
Concen: 2.484 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 59 Resp: 3452

Ion	Ratio	Lower	Upper
59	100		
57	8.1	8.4	12.6#



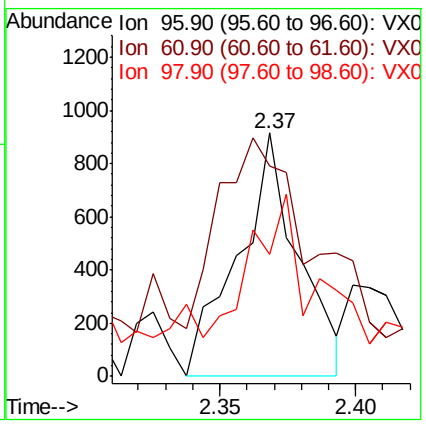


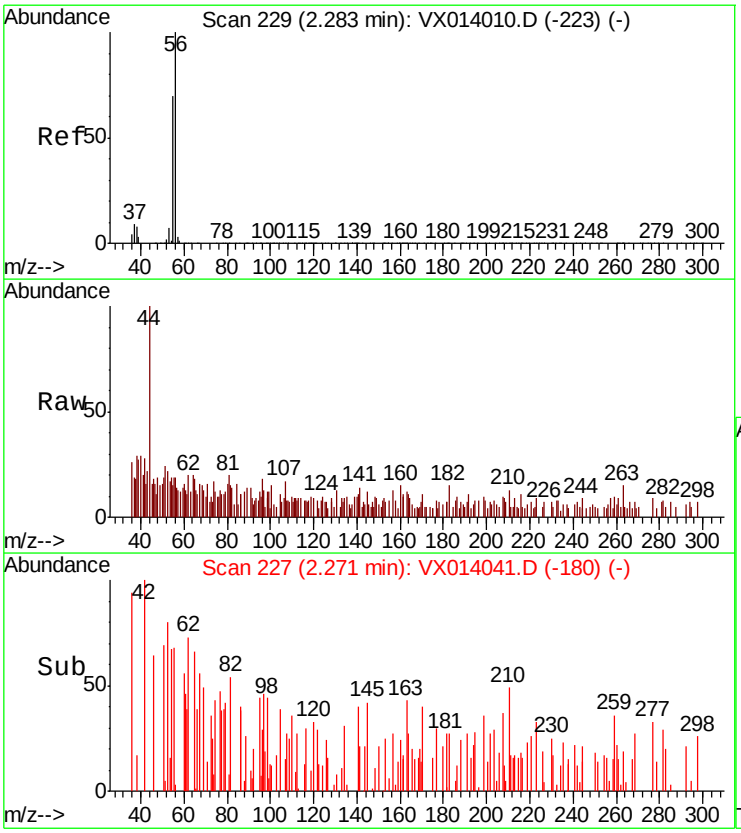
#12
1,1-Dichloroethene
Concen: 0.257 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument : MSVOA_X
ClientSampleId : RE117D1-20191206

Tgt Ion: 96 Resp: 1401

Ion	Ratio	Lower	Upper
96	100		
61	79.9	127.9	191.9#
98	24.3	50.5	75.7#

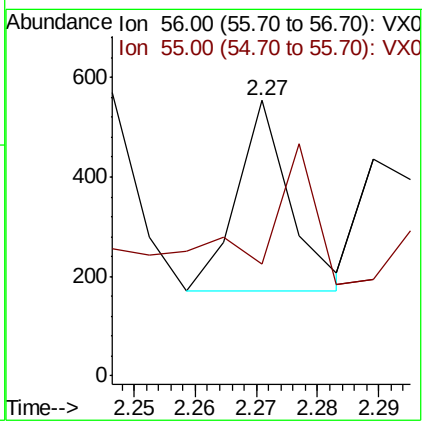


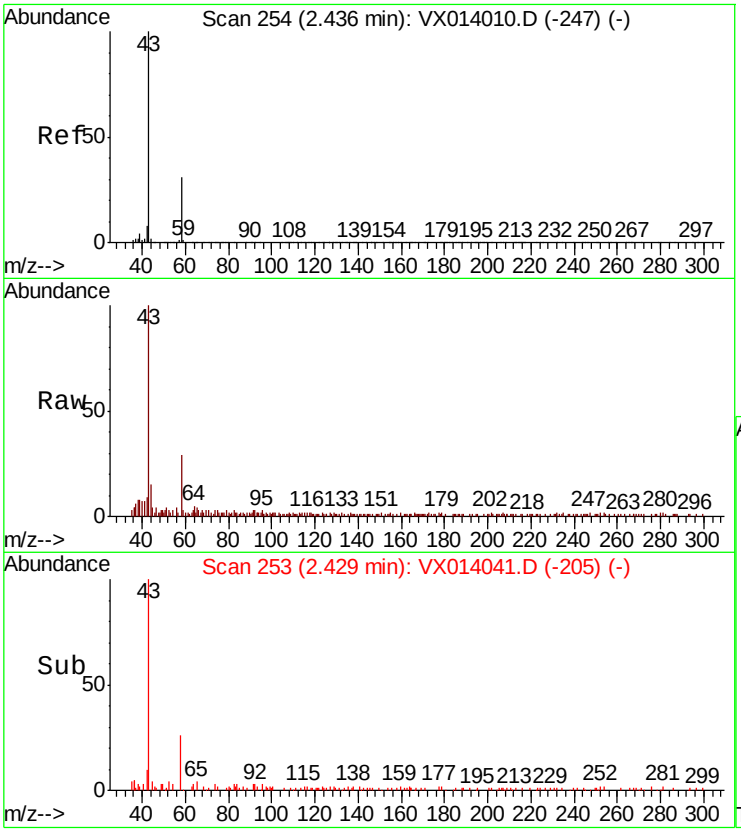


#13
Acrolein
Concen: 0.288 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 56 Resp: 229

Ion	Ratio	Lower	Upper
56	100		
55	60.7	56.9	85.3



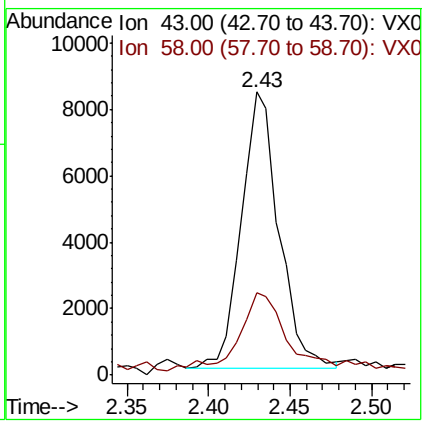


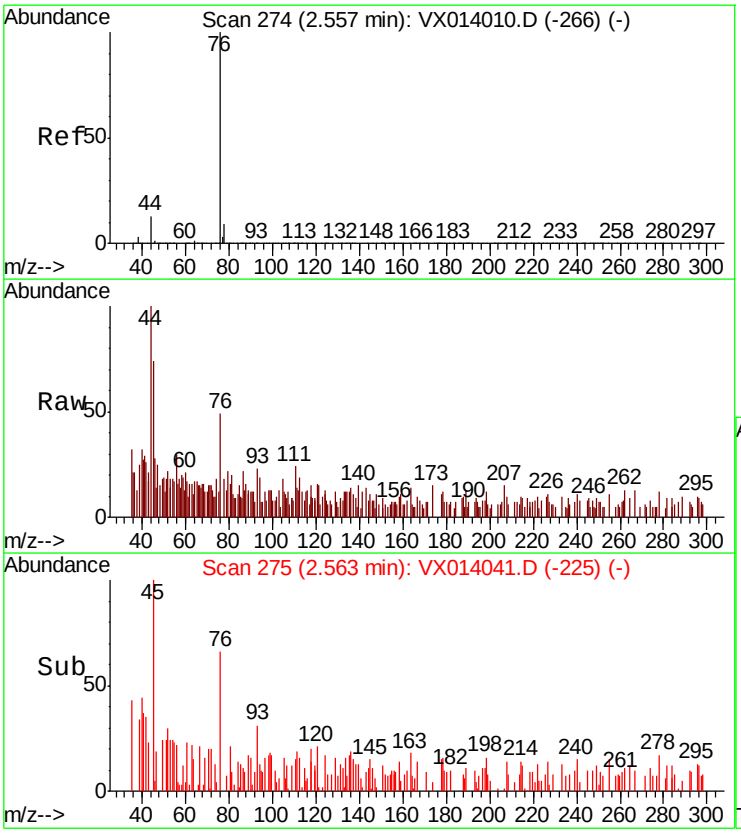
#16
Acetone
Concen: 3.198 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Tgt Ion: 43 Resp: 13354

Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.9	37.3

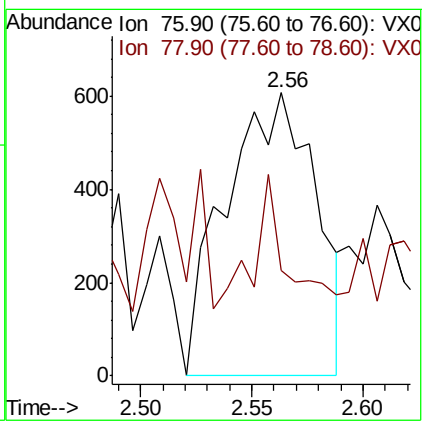


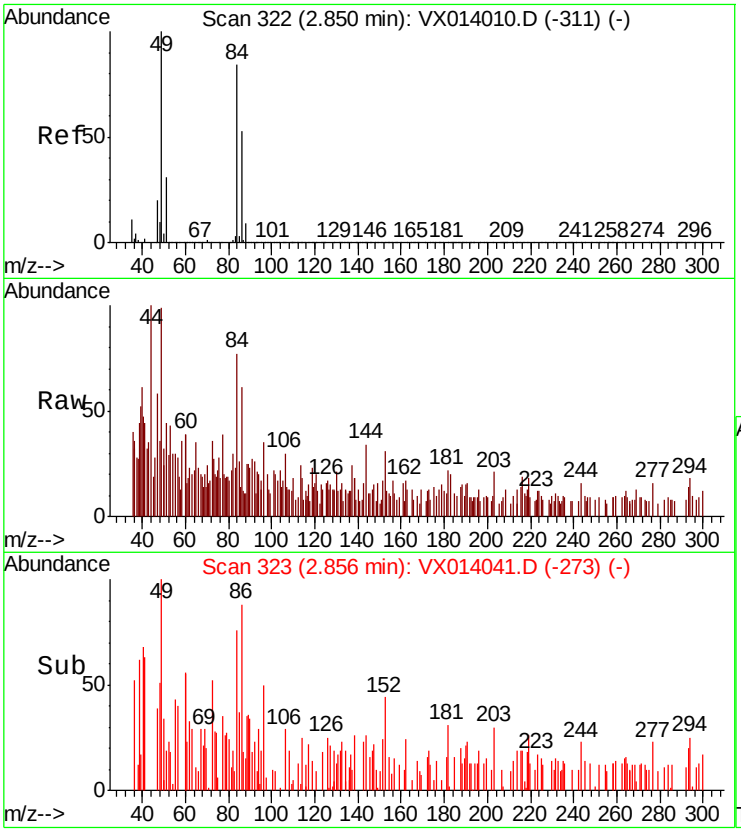


#17
Carbon Disulfide
Concen: 0.862 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 76 Resp: 1716

Ion	Ratio	Lower	Upper
76	100		
78	4.3	7.2	10.8#



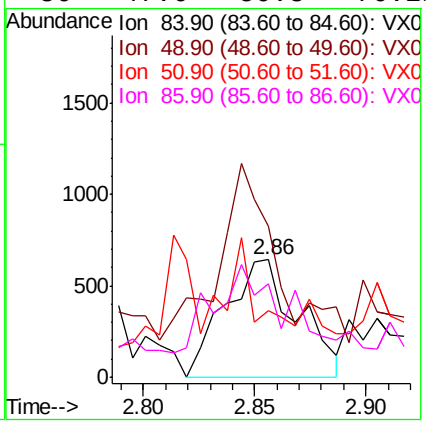


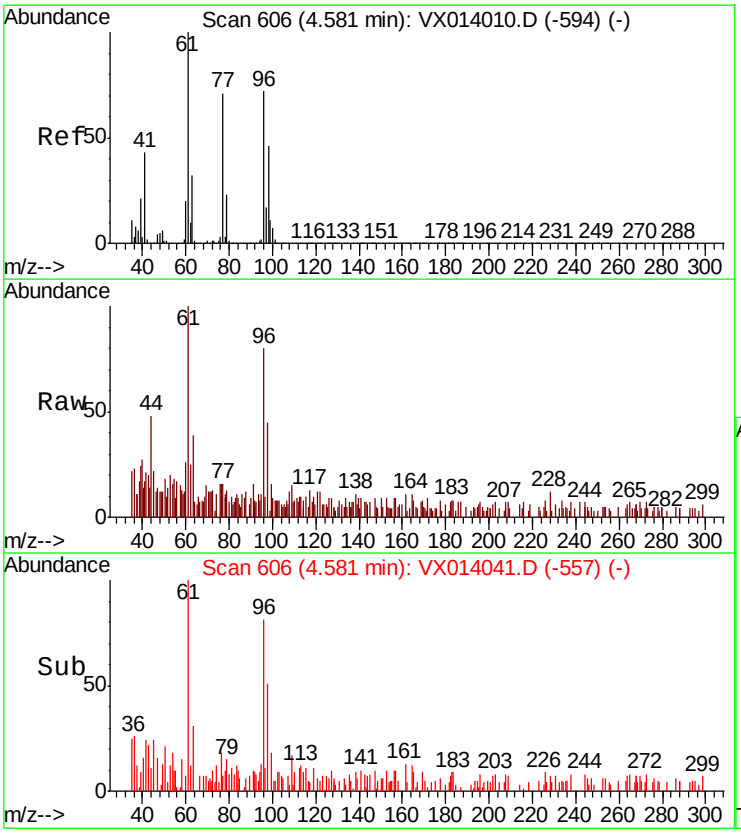
#20
Methylene Chloride
Concen: 0.222 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument : MSVOA_X
ClientSampleId : RE117D1-20191206

Tgt Ion: 84 Resp: 1461

Ion	Ratio	Lower	Upper
84	100		
49	68.2	95.8	143.6#
51	20.1	29.8	44.8#
86	47.6	50.8	76.2#

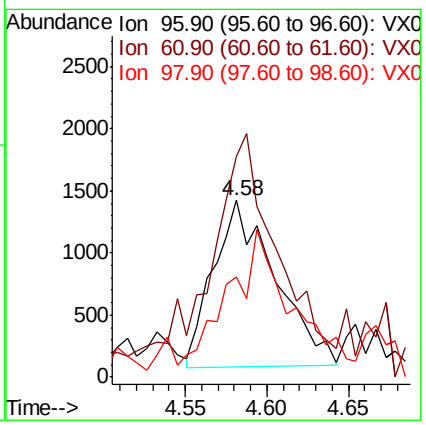


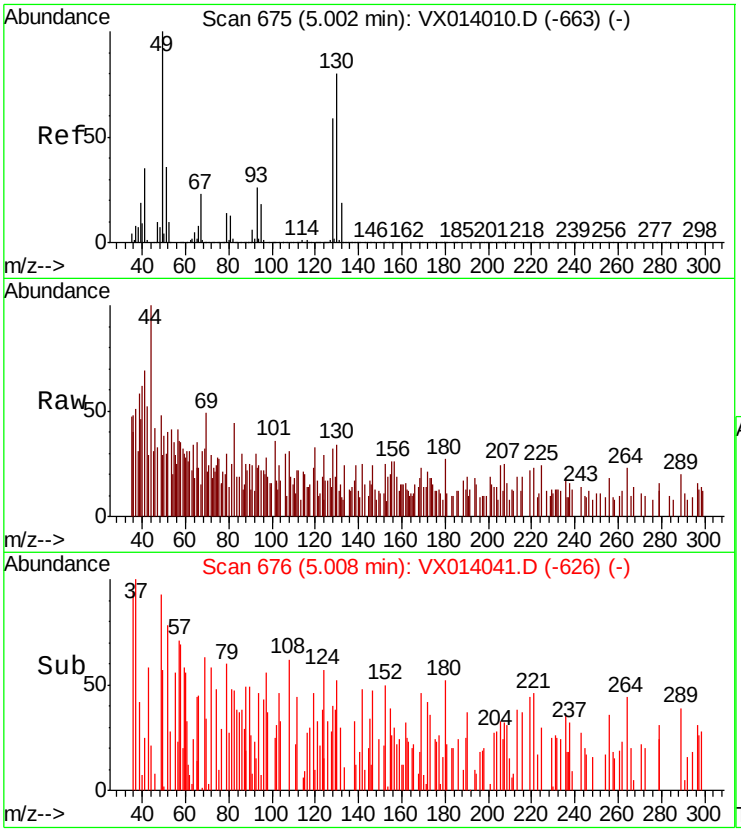


#27
cis-1,2-Dichloroethene
Concen: 0.522 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 96 Resp: 3548

Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	288.4
98	78.6	0.0	129.6



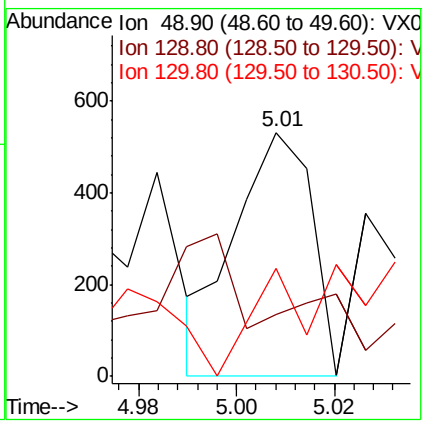


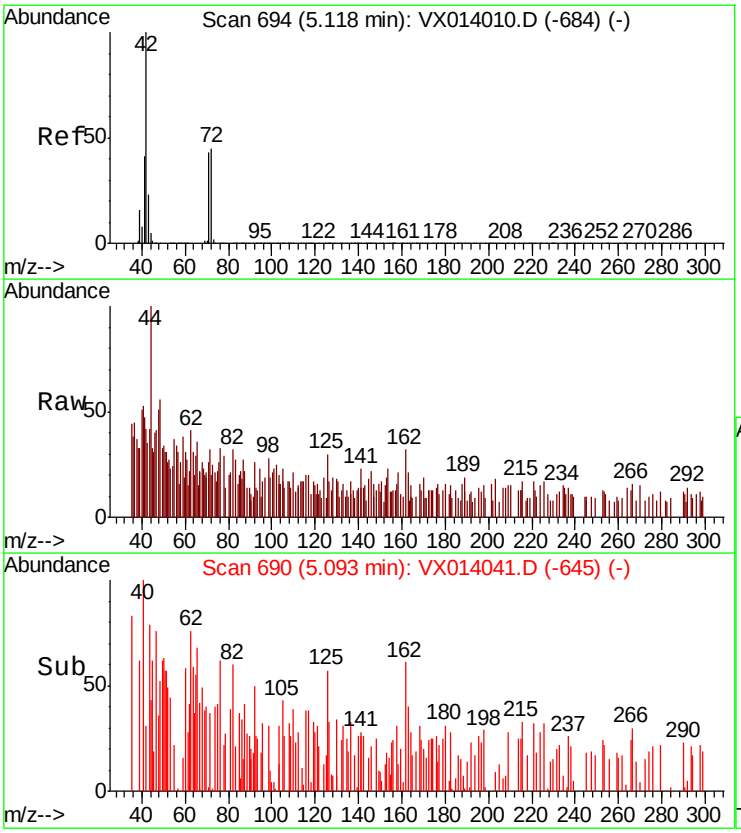
#28
Bromochloromethane
Concen: 0.591 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument : MSVOA_X
ClientSampleId : RE117D1-20191206

Tgt Ion: 49 Resp: 577

Ion	Ratio	Lower	Upper
49	100		
129	25.3	0.0	5.0#
130	28.1	64.6	97.0#

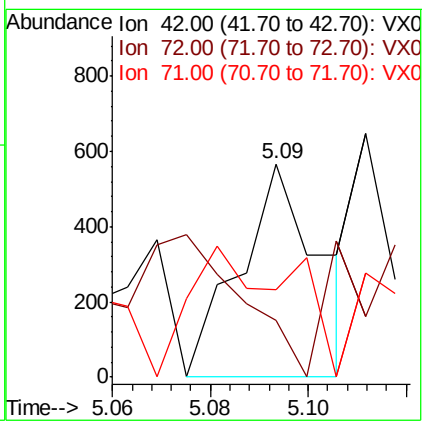


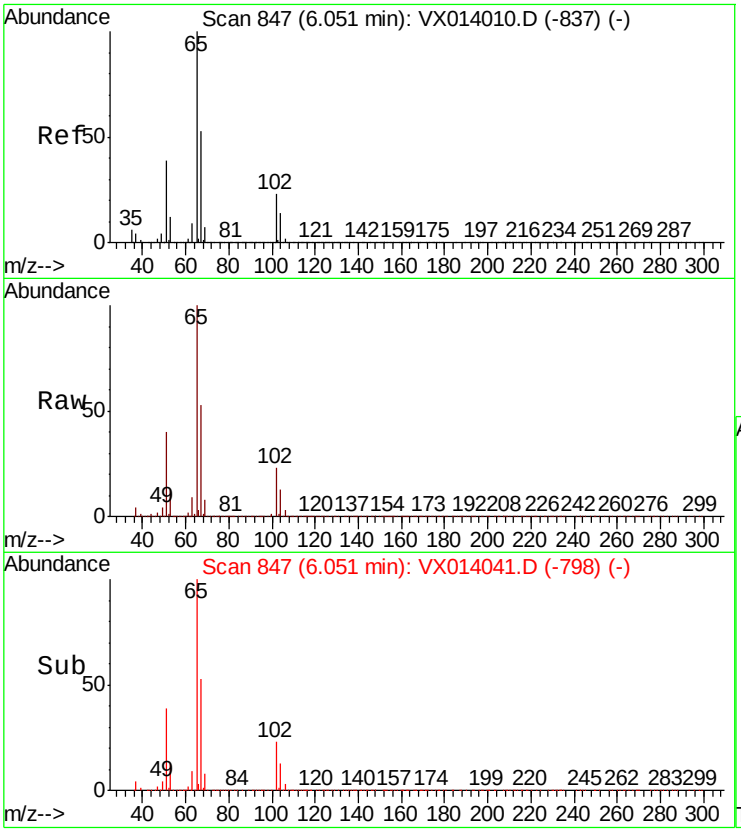


#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.02 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 42 Resp: 636

Ion	Ratio	Lower	Upper
42	100		
72	72.2	35.8	53.8#
71	0.0	33.6	50.4#



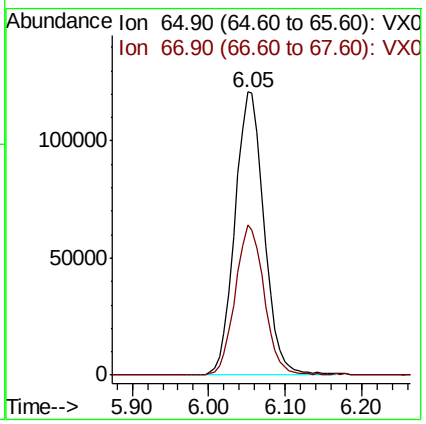


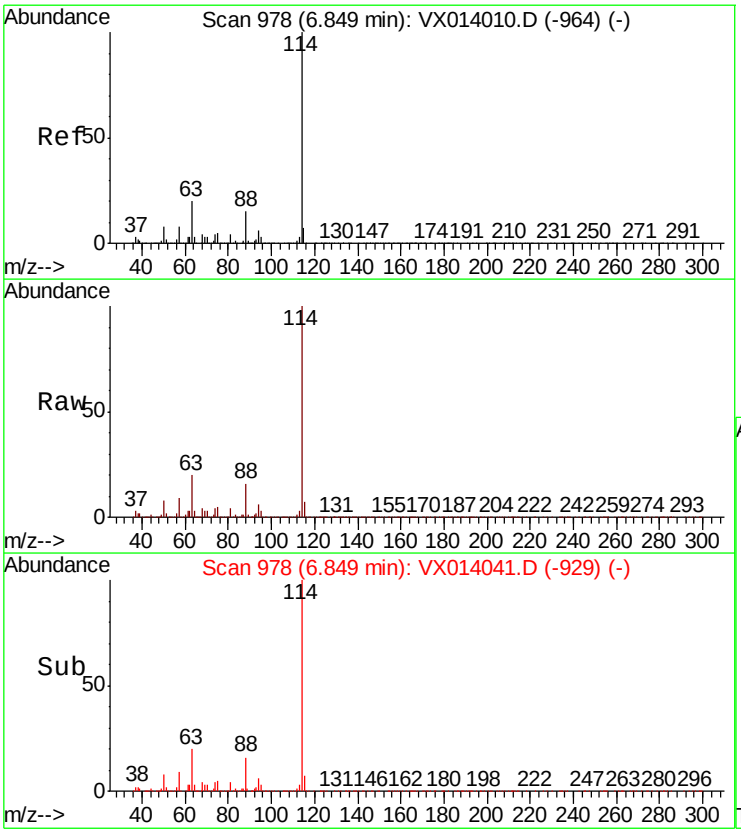
#33
1,2-Dichloroethane-d4
Concen: 49.722 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Tgt Ion: 65 Resp: 319823

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.4

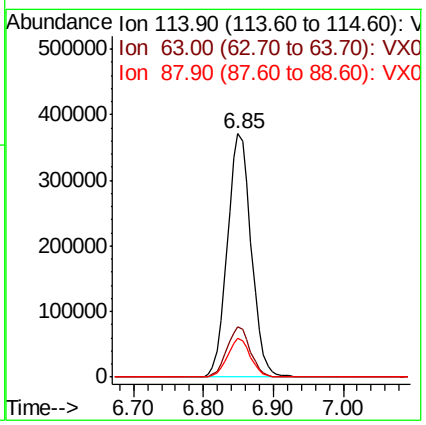


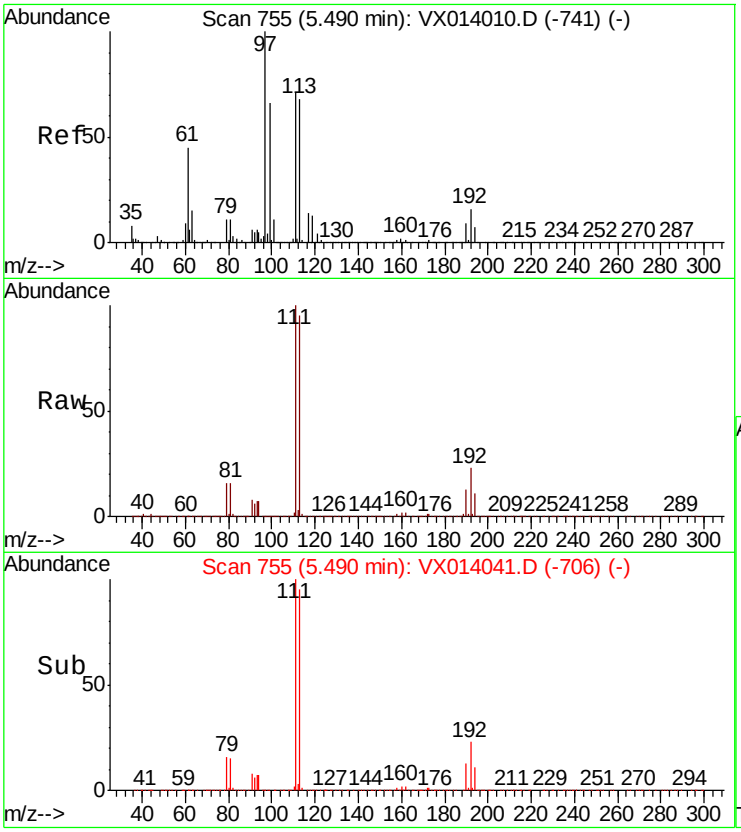


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion:114 Resp: 877393

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.1	0.0	30.4



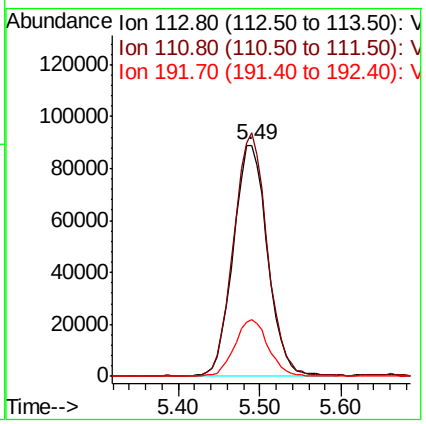


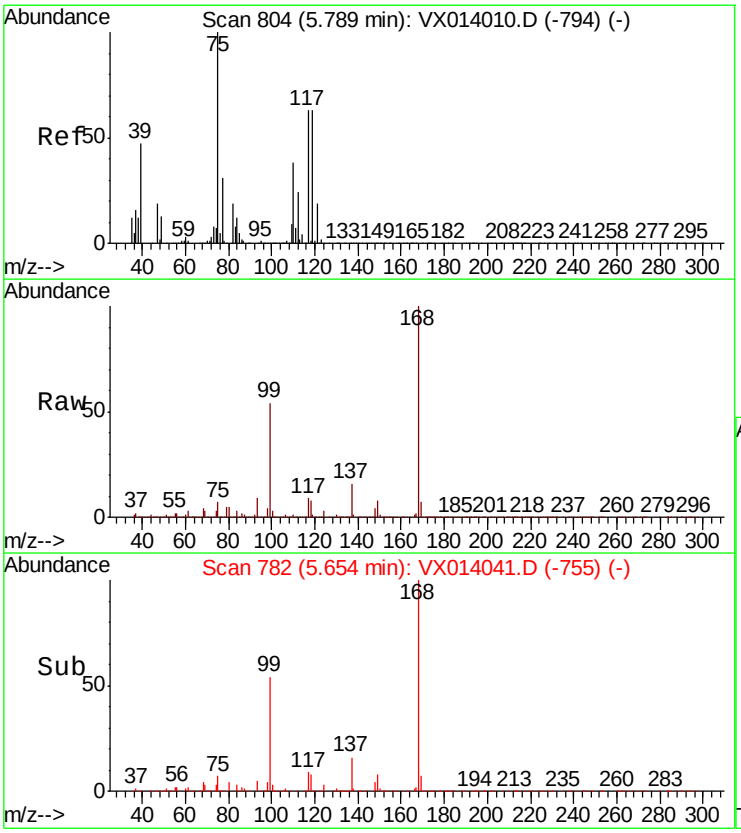
#35
Dibromofluoromethane
Concen: 48.467 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Tgt Ion:113 Resp: 258502

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	24.4	19.3	28.9

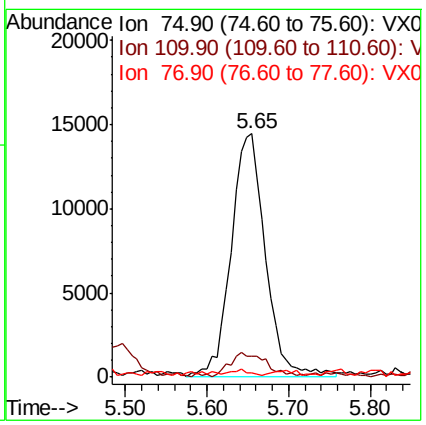


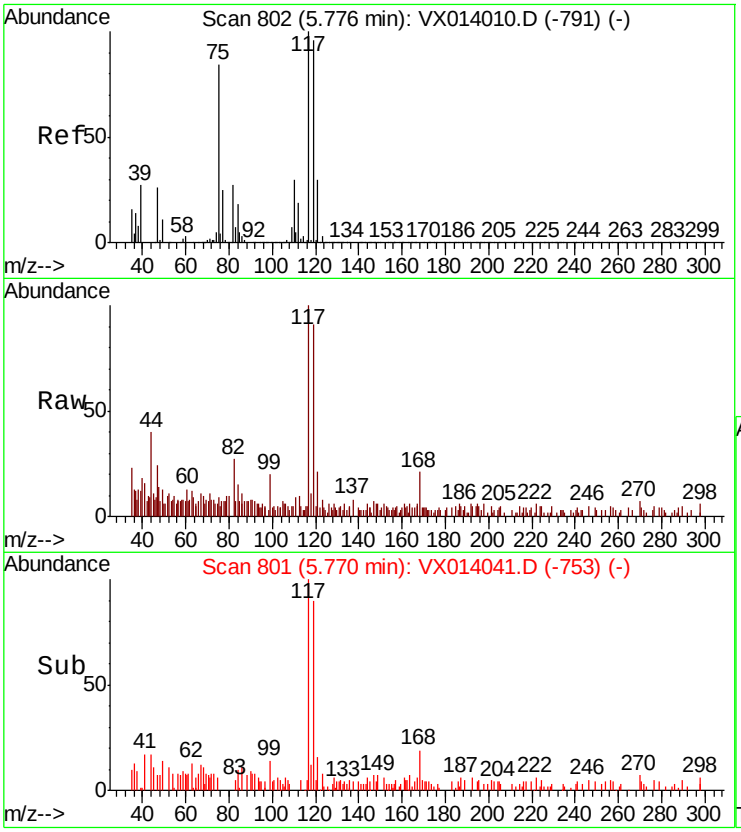


#36
1,1-Dichloropropene
Concen: 5.237 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 75 Resp: 42161

Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.3	54.9#
77	1.3	24.8	37.2#



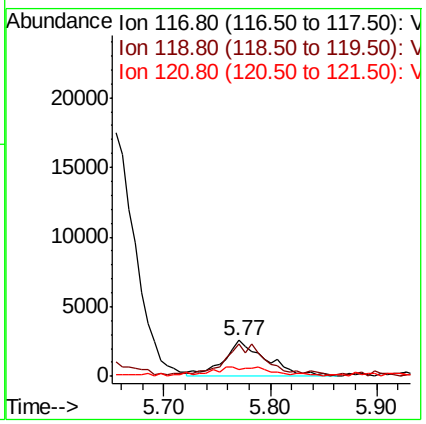


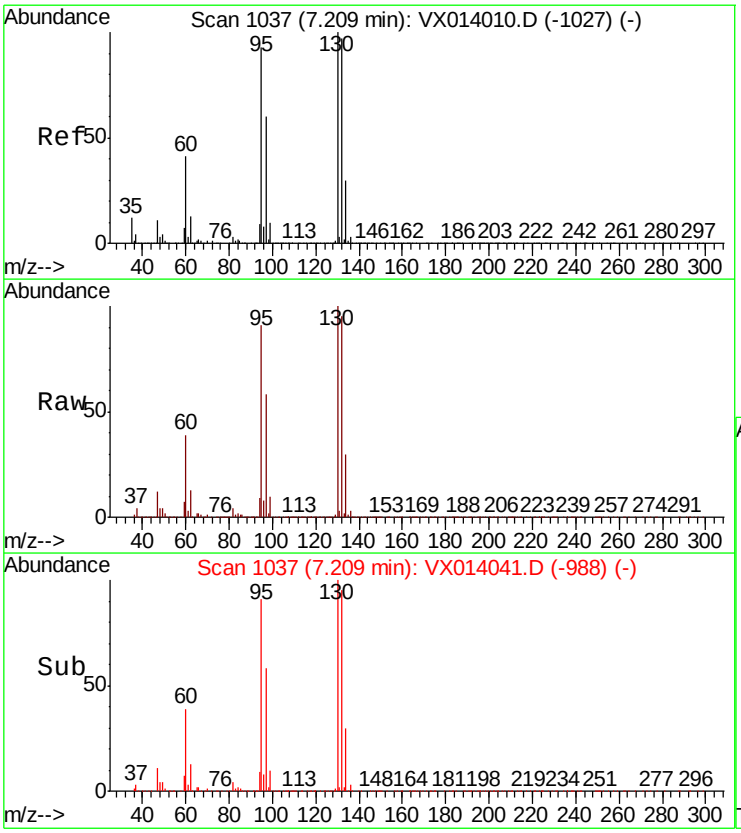
#38
Carbon Tetrachloride
Concen: 0.991 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Tgt Ion:117 Resp: 7270

Ion	Ratio	Lower	Upper
117	100		
119	86.1	76.2	114.4
121	12.9	23.6	35.4#

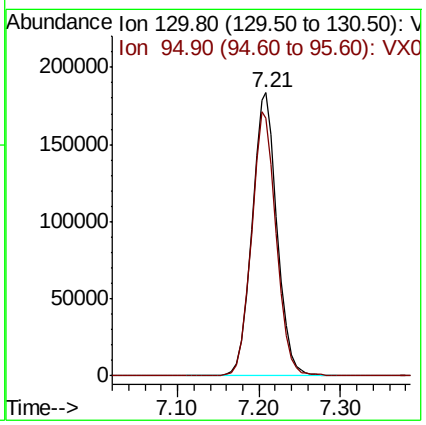


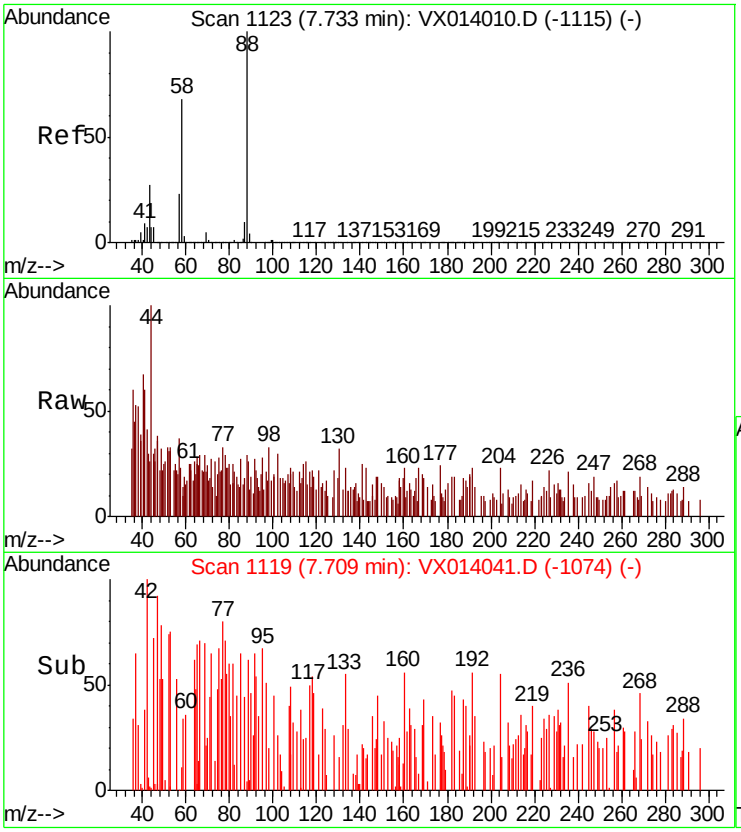


#44
Trichloroethene
Concen: 57.228 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion:130 Resp: 391546

Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	185.6



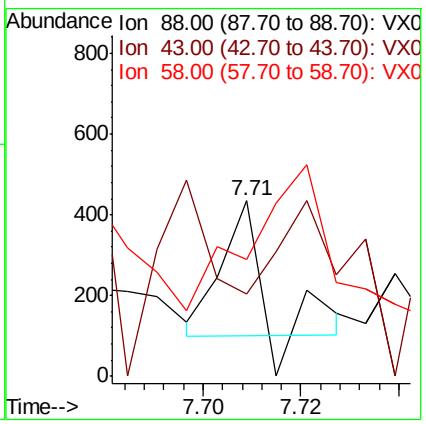


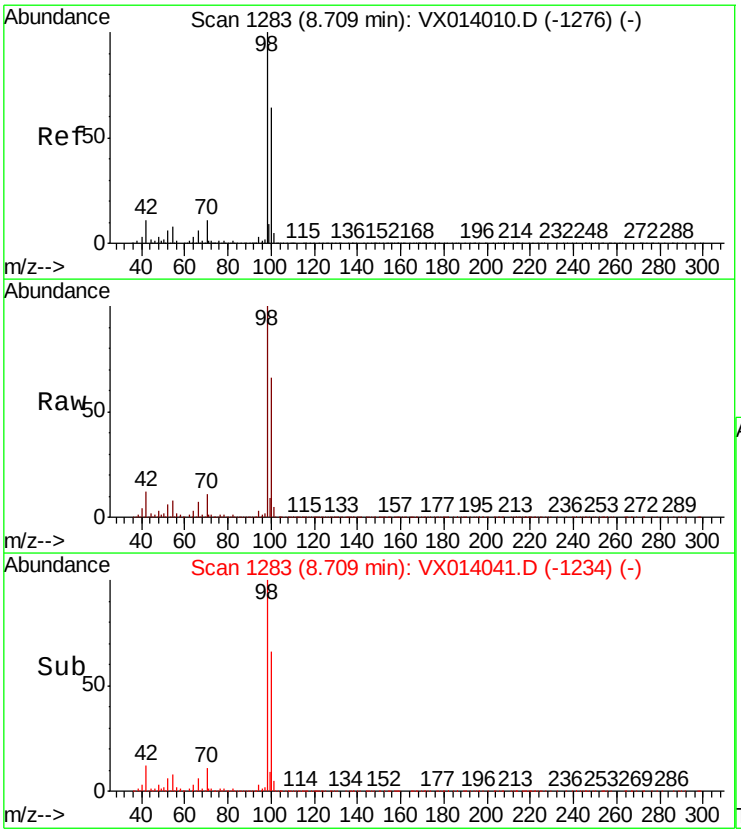
#49
1,4-Dioxane
Concen: 1.364 ug/l
RT: 7.71 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Tgt Ion: 88 Resp: 200

Ion	Ratio	Lower	Upper
88	100		
43	228.0	26.5	39.7#
58	0.0	56.8	85.2#

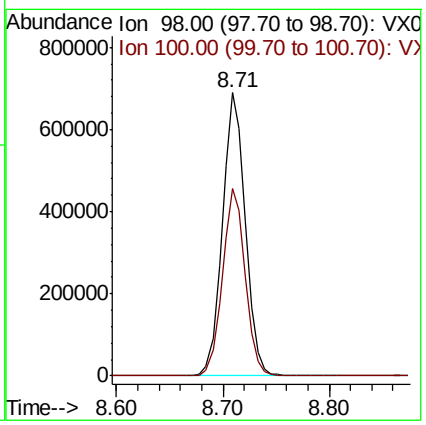


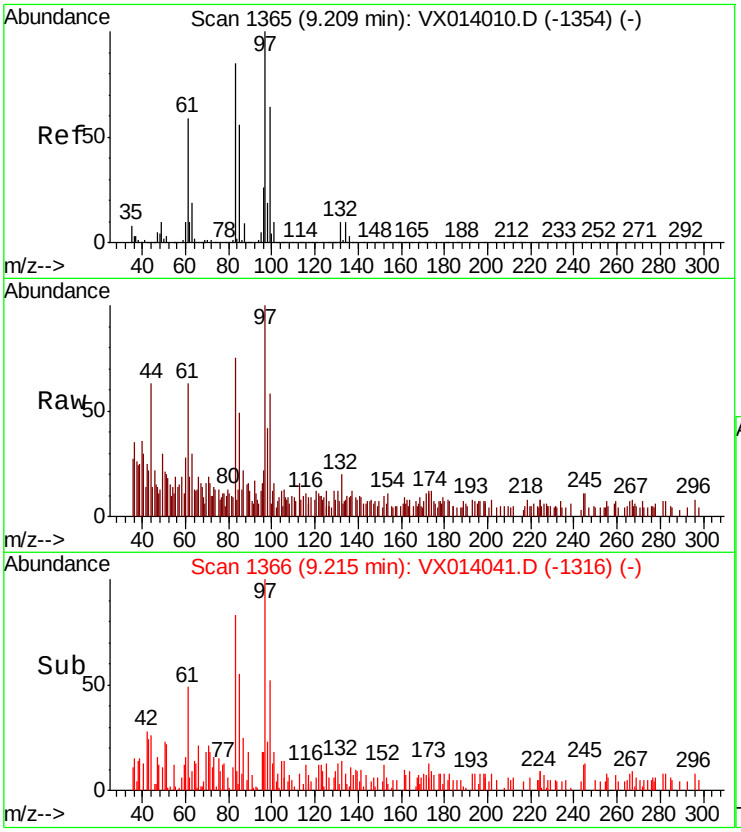


#50
Toluene-d8
Concen: 49.778 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 98 Resp: 1033640

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



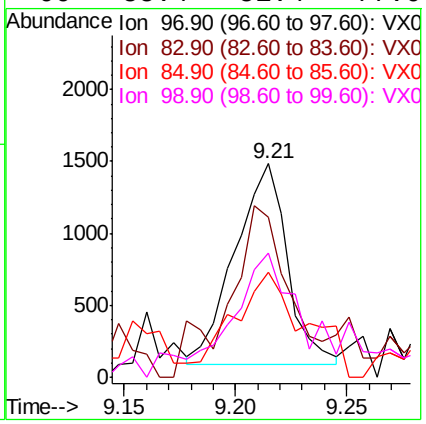


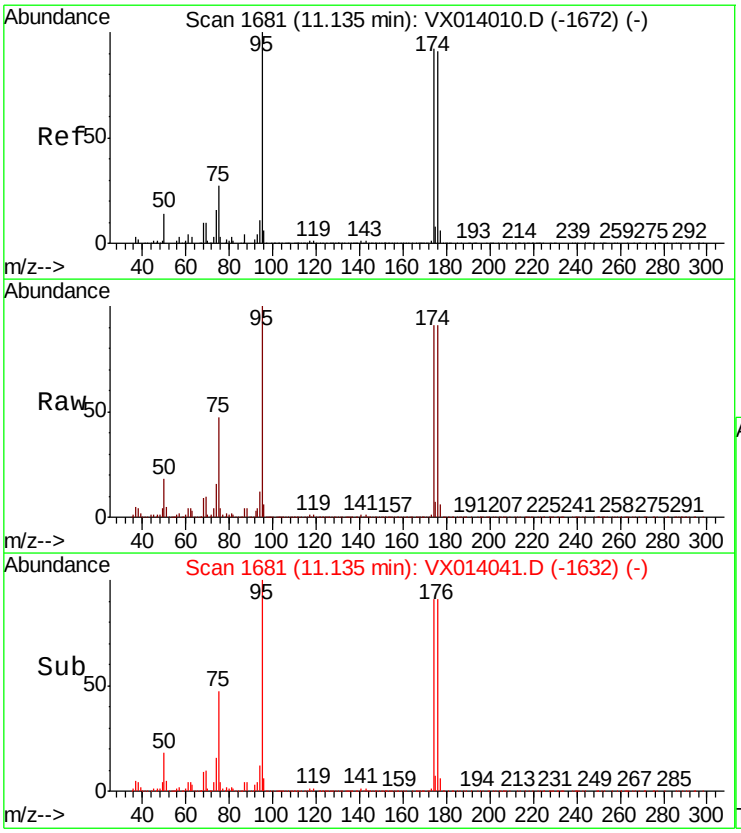
#55
1,1,2-Trichloroethane
Concen: 0.366 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Tgt Ion: 97 Resp: 2296

Ion	Ratio	Lower	Upper
97	100		
83	61.2	68.2	102.4#
85	46.9	44.6	66.8
99	55.4	51.4	77.0

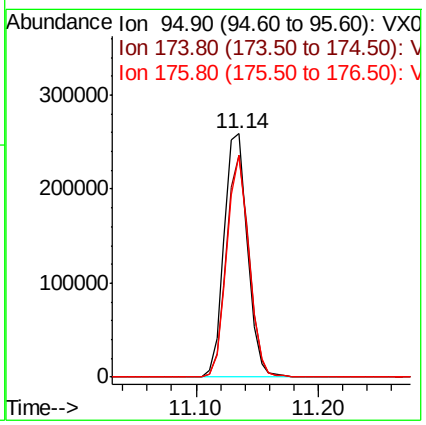


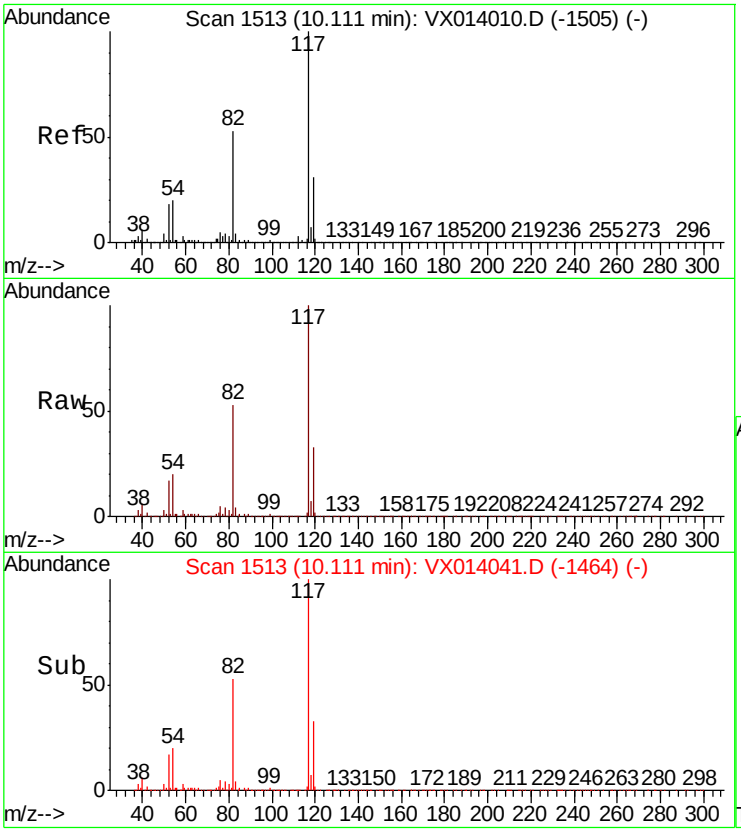


#62
4-Bromofluorobenzene
Concen: 44.977 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 95 Resp: 341400

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	175.8
176	86.4	0.0	173.0



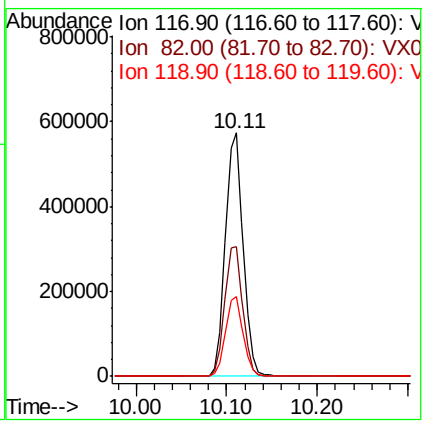


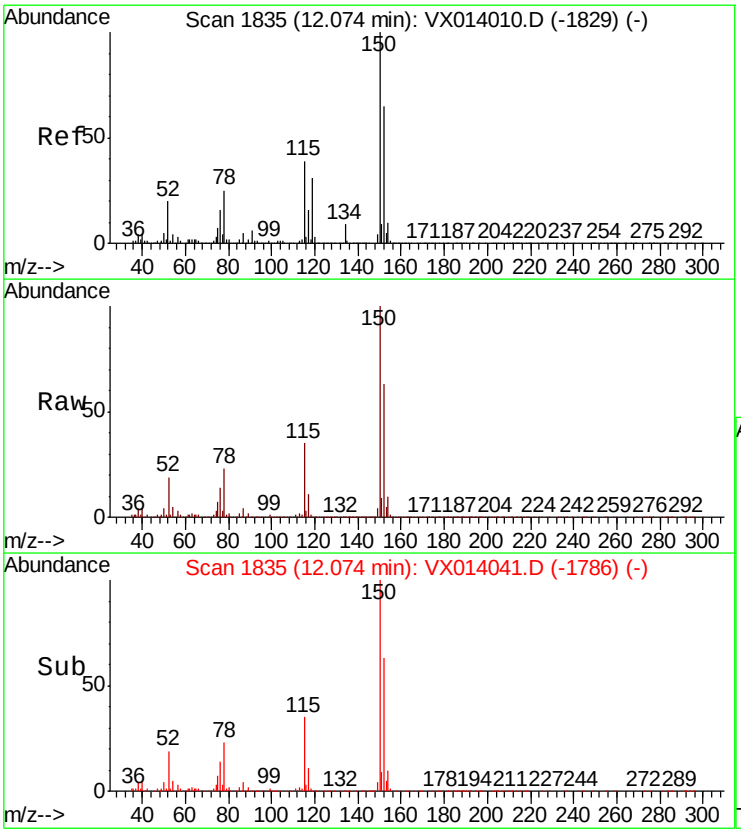
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument : MSVOA_X
ClientSampleId : RE117D1-20191206

Tgt Ion:117 Resp: 780163

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	32.8	25.1	37.7

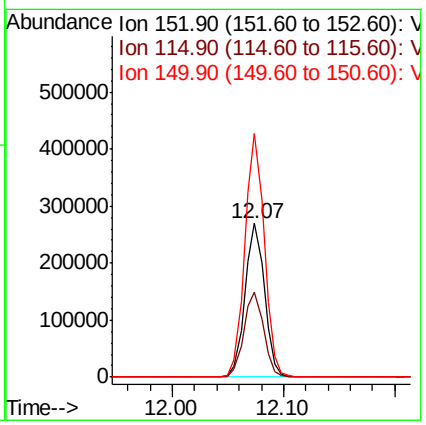


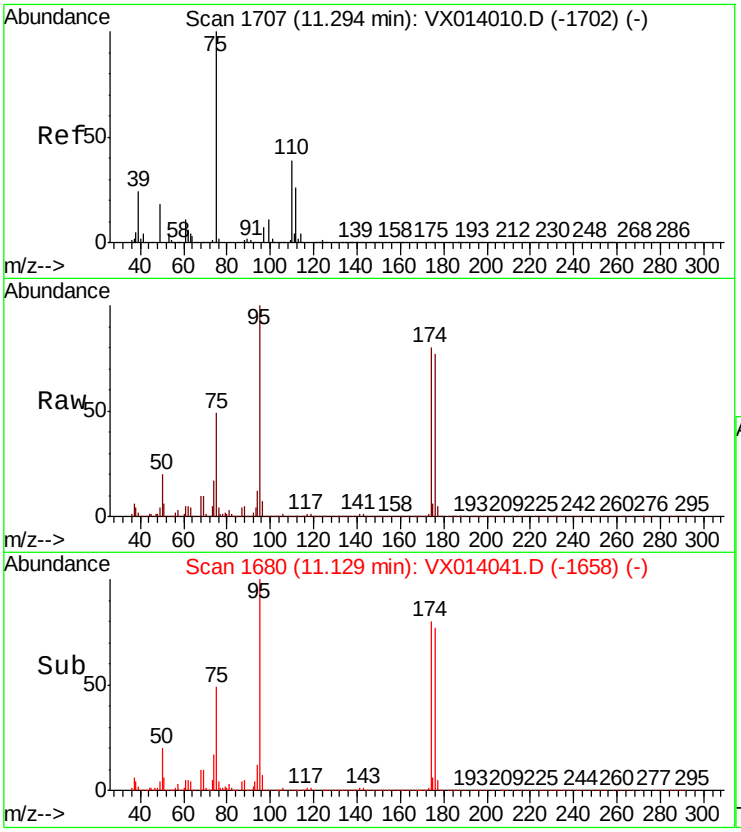


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion:152 Resp: 327791

Ion	Ratio	Lower	Upper
152	100		
115	55.9	38.3	114.9
150	157.4	0.0	345.4



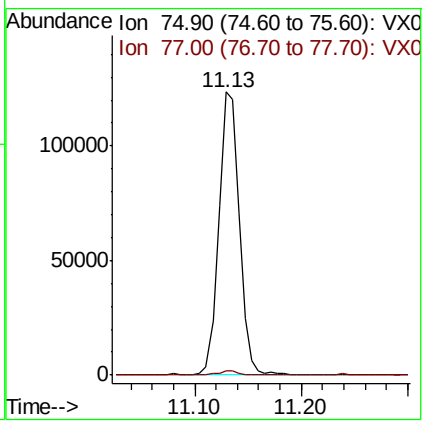


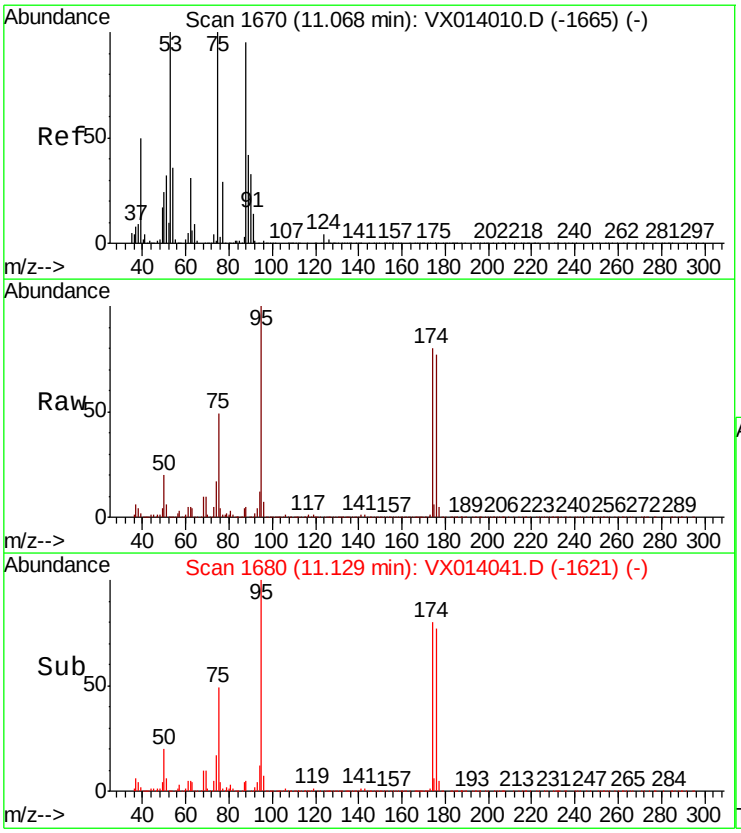
#76
1,2,3-Trichloropropane
Concen: 23.170 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20191206

Tgt Ion: 75 Resp: 164885

Ion	Ratio	Lower	Upper
75	100		
77	1.7	19.3	57.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.398 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014041.D
Acq: 16 Dec 2019 17:34

Tgt Ion: 75 Resp: 164885

Ion	Ratio	Lower	Upper
75	100		
53	0.4	76.7	115.1#
89	0.0	34.6	51.8#