Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

Quantitation Report (Not Reviewed)

Data File : VX013911.D
Acq On : 10 Dec 2019 20:17
Operator : JC/SP
Sample : K6185-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Quant Time: Dec 11 02:30:39 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	583401	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	897537	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	800209	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347834	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	335222	49.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.00%				
35) Dibromofluoromethane	5.49	113	270621	48.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.54%				
50) Toluene-d8	8.71	98	1061580	49.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.22%				
62) 4-Bromofluorobenzene	11.14	95	349822	44.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	1330	0.205	ug/l		76
4) Vinyl Chloride	1.40	62	4661	0.568	ug/l		91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66623	11.978	ug/l		99
11) Tert butyl alcohol	3.03	59	2847	1.703	ug/l	#	89
12) 1,1-Dichloroethene	2.37	96	26396	4.754	ug/l		95
13) Acrolein	2.31	56	476	6.419	ug/l		85
16) Acetone	2.43	43	8648	2.587	ug/l	#	79
20) Methylene Chloride	2.86	84	2038	0.317	ug/l	#	42
21) trans-1,2-Dichloroethene	3.17	96	1255	0.207	ug/l	#	46
24) 1,1-Dichloroethane	3.69	63	14919	1.407	ug/l	#	92
27) cis-1,2-Dichloroethene	4.59	96	19003	2.736	ug/l		93
29) Tetrahydrofuran	5.14	42	2062	0.673	ug/l	#	53
30) Chloroform	5.20	83	9758	0.907	ug/l	#	83
32) 1,1,1-Trichloroethane	5.49	97	3958	0.440	ug/l	#	39
36) 1,1-Dichloropropene	5.65	75	39854	4.892	ug/l	#	42
38) Carbon Tetrachloride	5.79	117	8332	1.109	ug/l	#	73
39) Methylcyclohexane	7.21	83	80833	8.026	ug/l	#	1
42) 1,2-Dichloroethane	6.19	62	3579	0.423	ug/l		83
44) Trichloroethene	7.21	130	7136033	1047.846	ug/l		98
49) 1,4-Dioxane	7.81	88	939	5.738	ug/l		93
55) 1,1,2-Trichloroethane	9.21	97	5114	0.823	ug/l		95
64) Tetrachloroethene	9.33	164	14229	2.384	ug/l		92
76) 1,2,3-Trichloropropane	11.13	75	171239	21.888	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	171239	59.882	ug/l	#	11

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

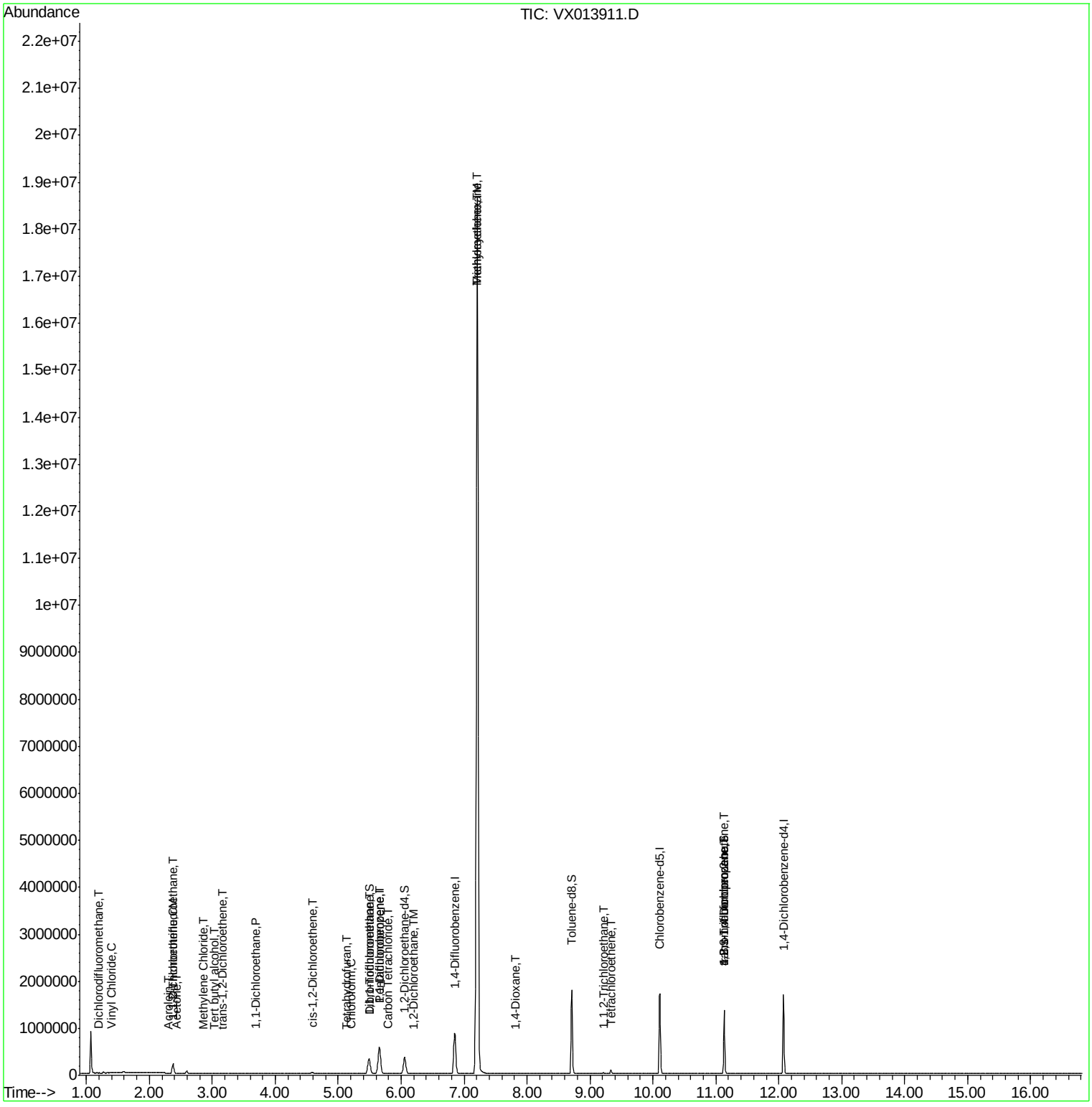
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

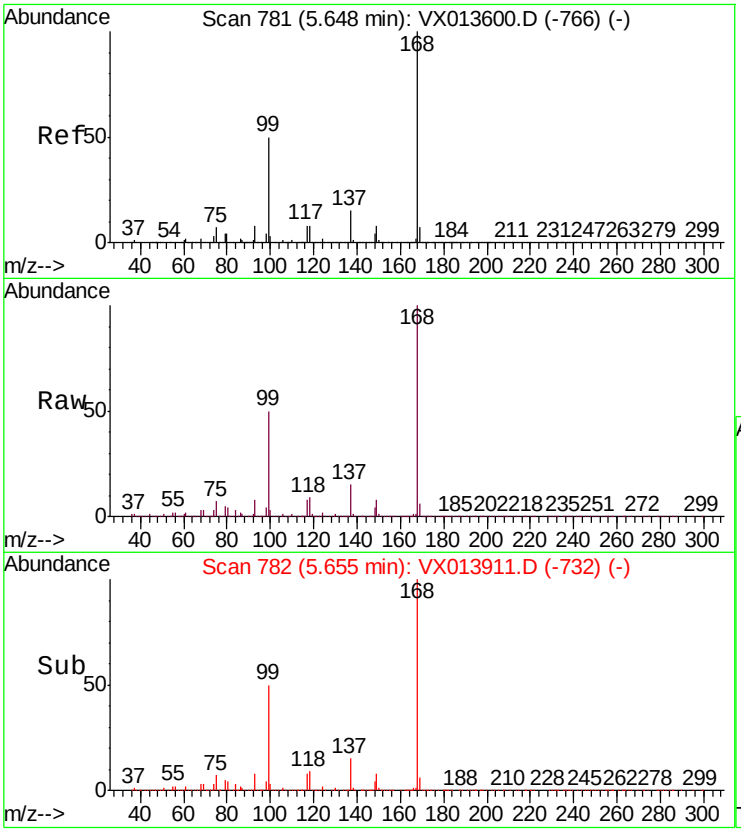
Quantitation Report (Not Reviewed)

Data File : VX013911.D
Acq On : 10 Dec 2019 20:17
Operator : JC/SP
Sample : K6185-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Quant Time: Dec 11 02:30:39 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



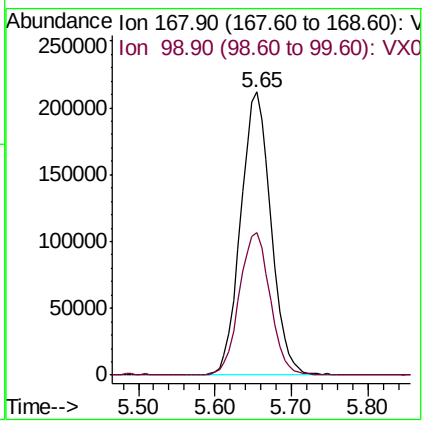


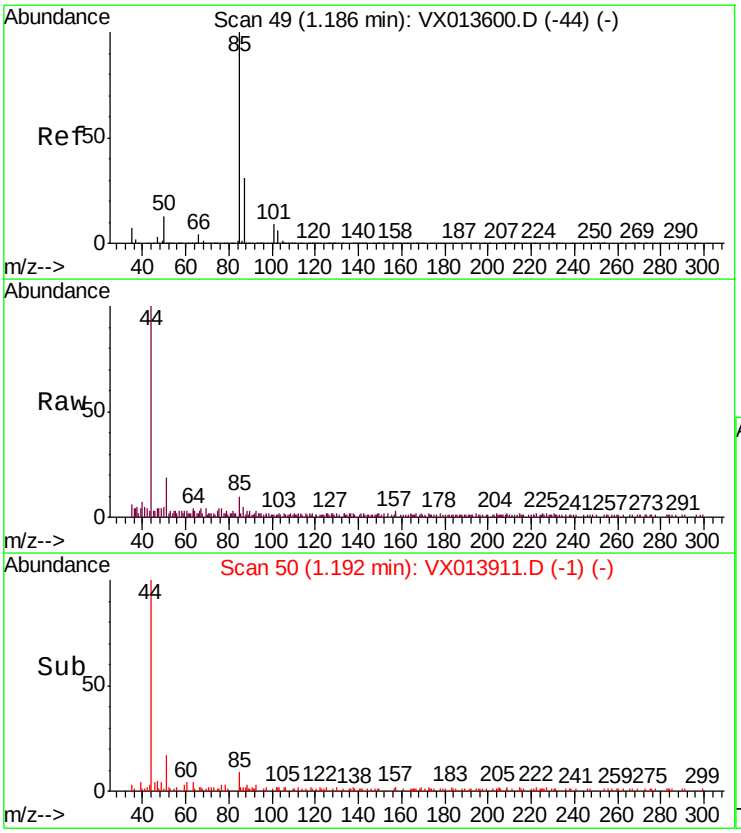
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:168 Resp: 583401

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.8	59.8

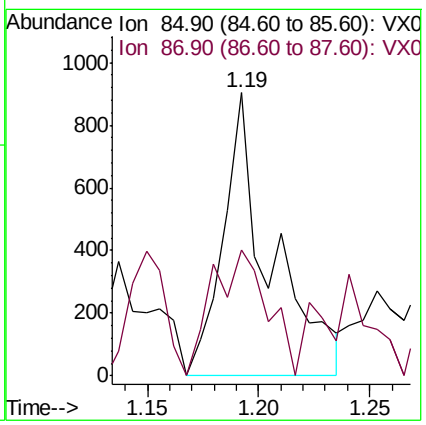


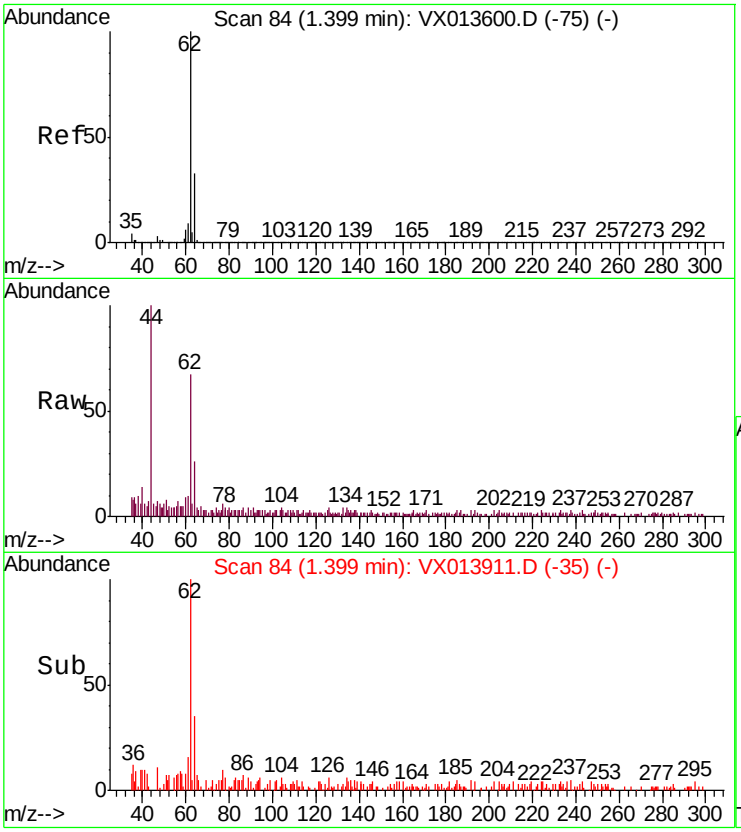


#2
Dichlorodifluoromethane
Concen: 0.205 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 85 Resp: 1330

Ion	Ratio	Lower	Upper
85	100		
87	44.6	15.7	47.1



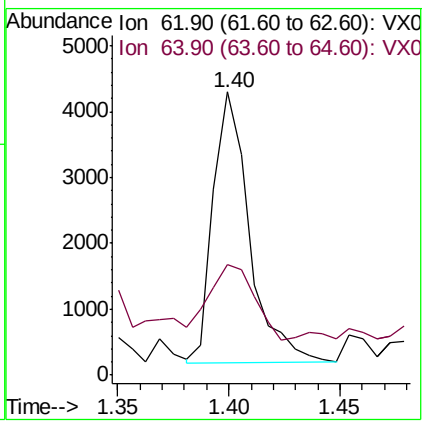


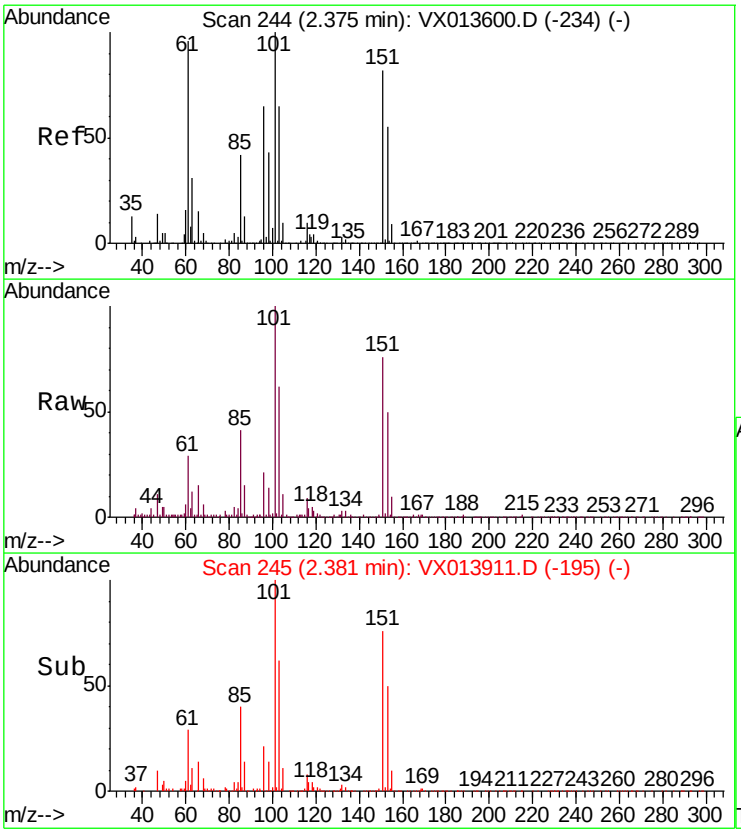
#4
Vinyl Chloride
Concen: 0.568 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 62 Resp: 4661

Ion	Ratio	Lower	Upper
62	100		
64	27.7	26.0	39.0

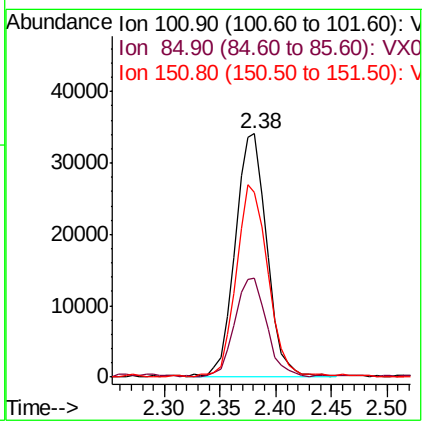


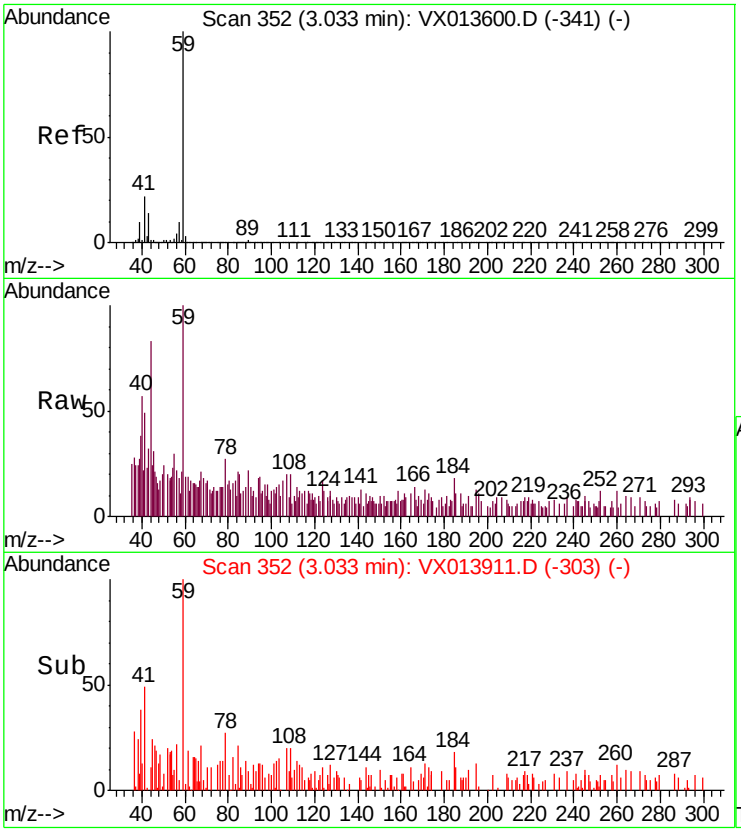


#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.978 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion:101 Resp: 66623

Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.9	50.9
151	79.5	64.2	96.2



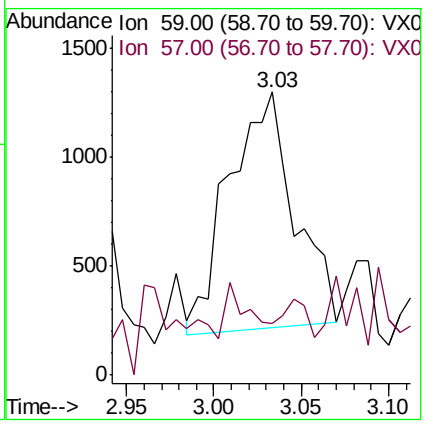


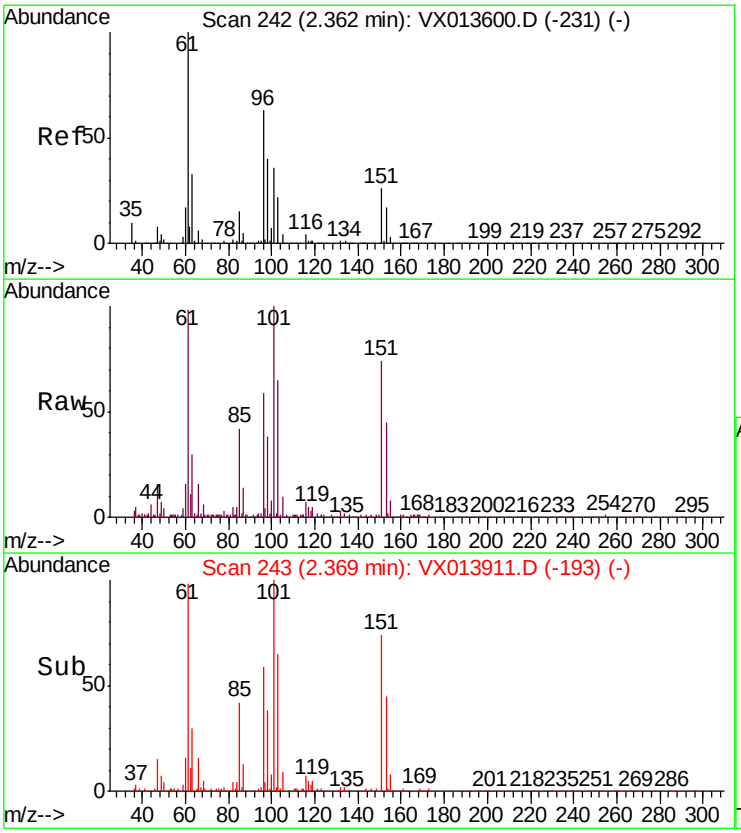
#11
Tert butyl alcohol
Concen: 1.703 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 59 Resp: 2847

Ion	Ratio	Lower	Upper
59	100		
57	5.5	7.8	11.6#

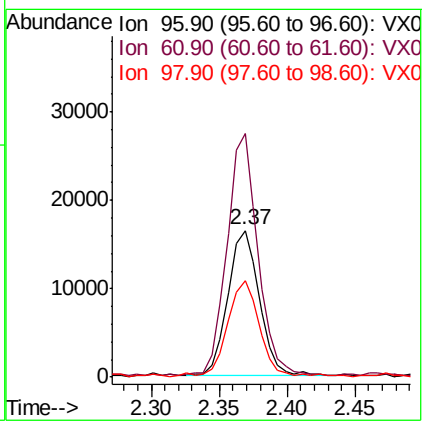


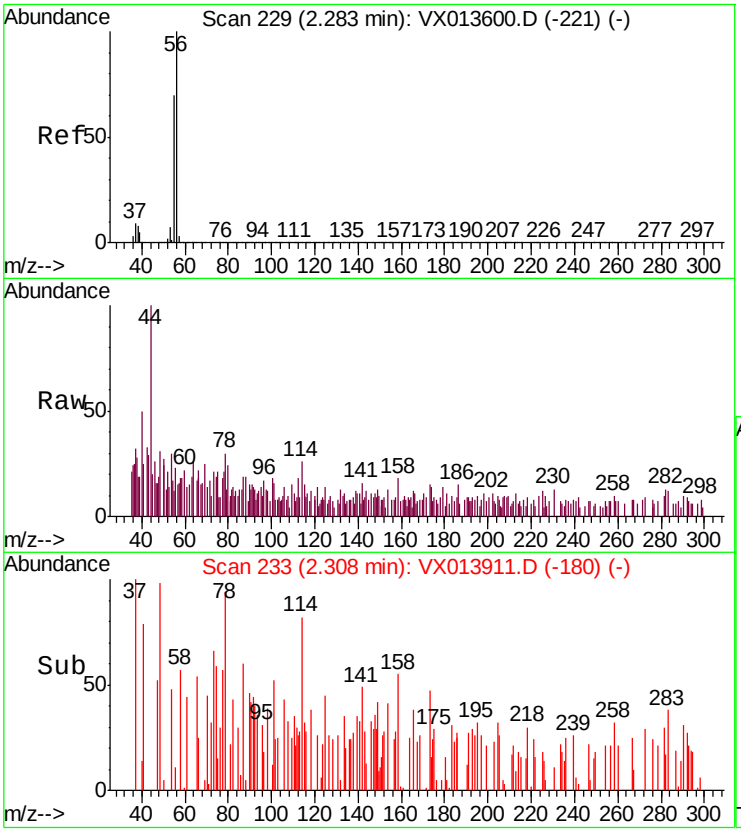


#12
1,1-Dichloroethene
Concen: 4.754 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 96 Resp: 26396

Ion	Ratio	Lower	Upper
96	100		
61	166.5	126.6	190.0
98	65.0	50.6	76.0



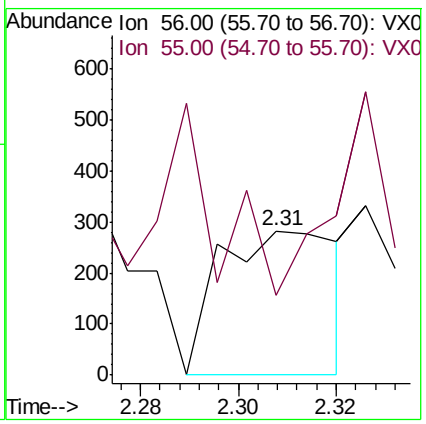


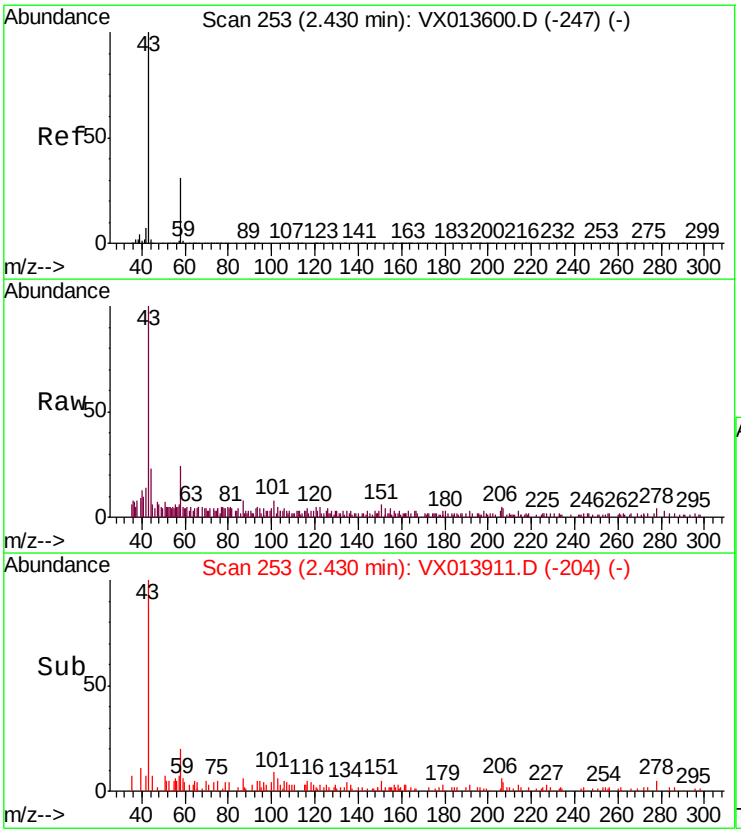
#13
Acrolein
Concen: 6.419 ug/l
RT: 2.31 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 56 Resp: 476

Ion	Ratio	Lower	Upper
56	100		
55	58.0	56.2	84.4

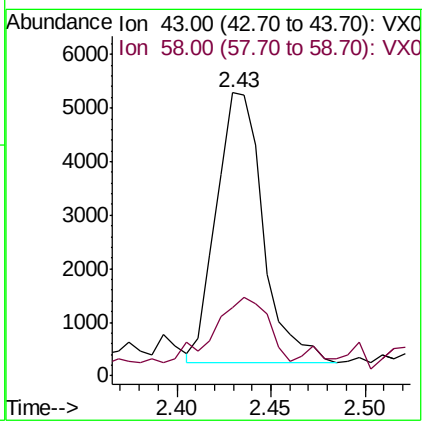


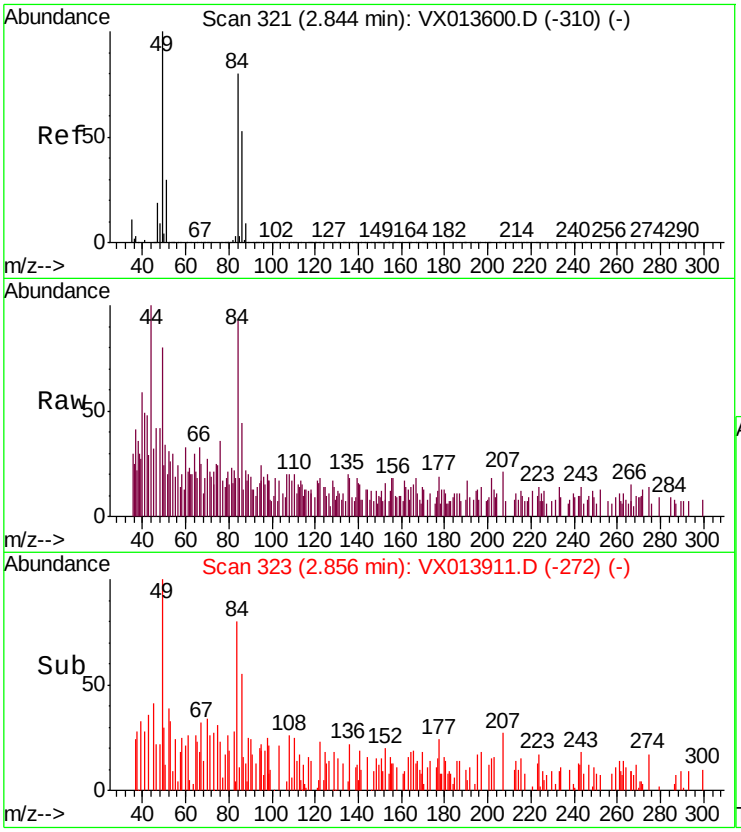


#16
Acetone
Concen: 2.587 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 43 Resp: 8648

Ion	Ratio	Lower	Upper
43	100		
58	19.0	24.6	36.8#



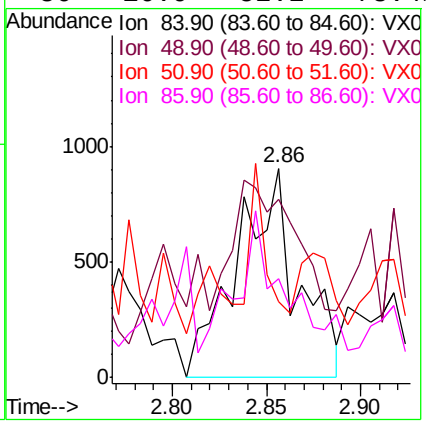


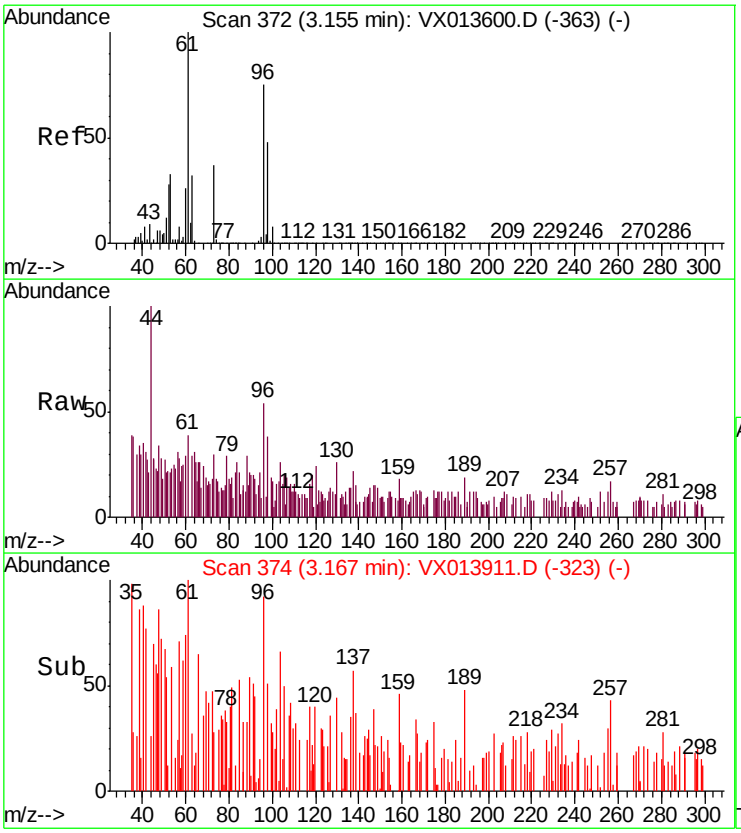
#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Tgt Ion: 84 Resp: 2038

Ion	Ratio	Lower	Upper
84	100		
49	53.4	99.7	149.5#
51	15.0	29.9	44.9#
86	16.9	52.2	78.4#

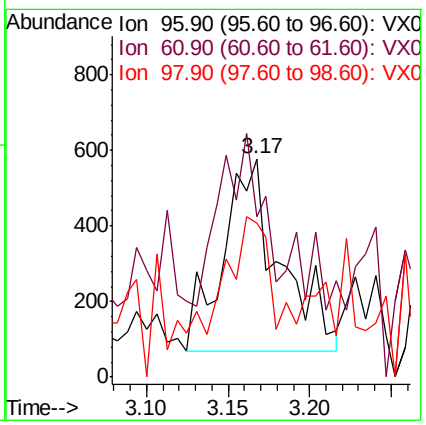


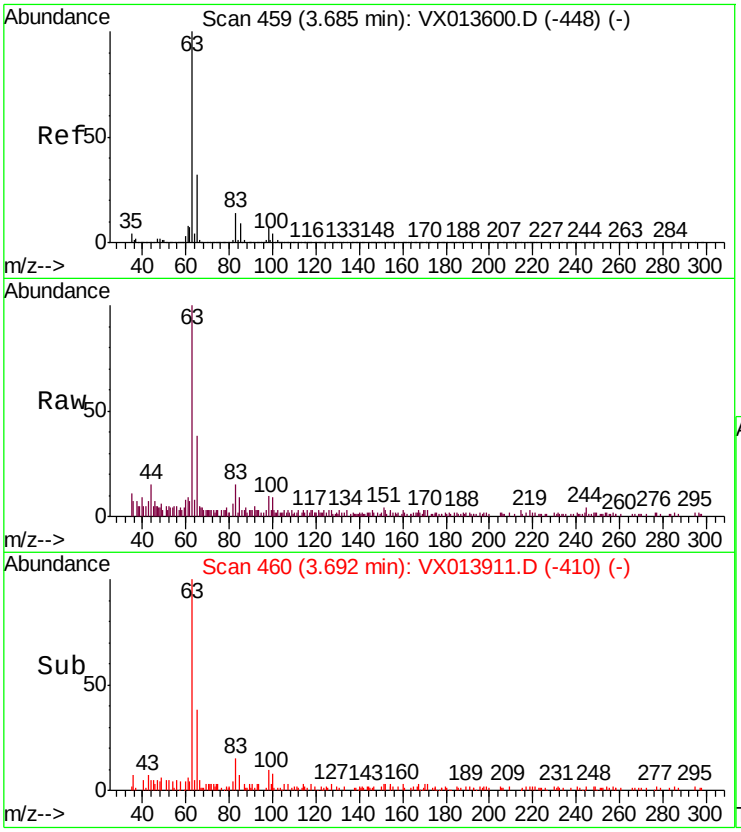


#21
trans-1,2-Dichloroethene
Concen: 0.207 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 96 Resp: 1255

Ion	Ratio	Lower	Upper
96	100		
61	43.9	107.2	160.8#
98	58.4	51.4	77.0



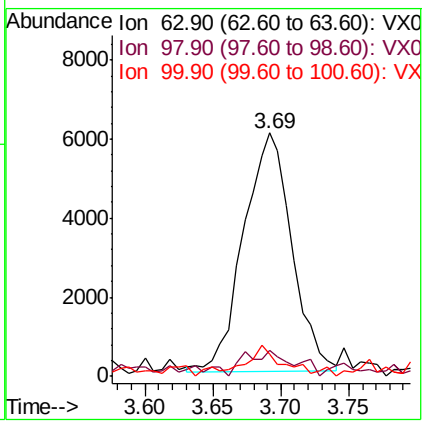


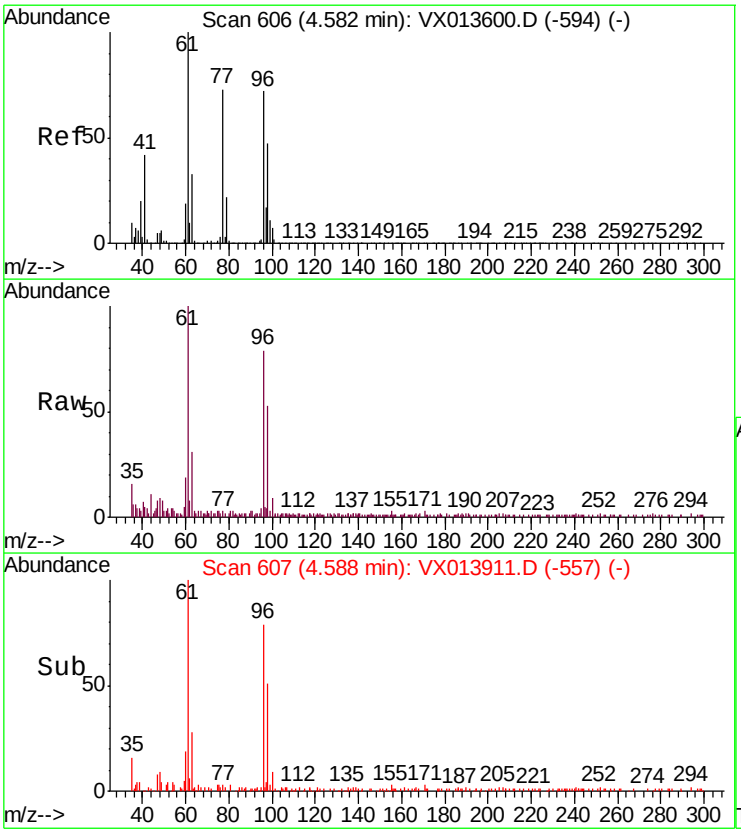
#24
1,1-Dichloroethane
Concen: 1.407 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 63 Resp: 14919

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.5	10.4
100	9.5	2.1	6.3#

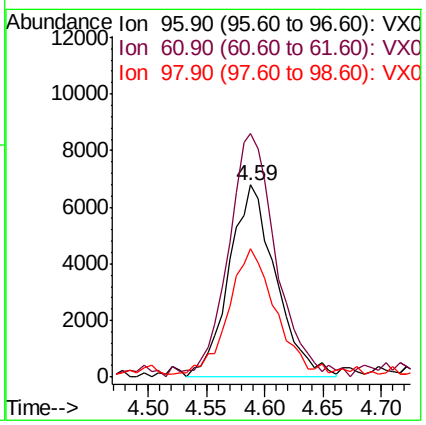


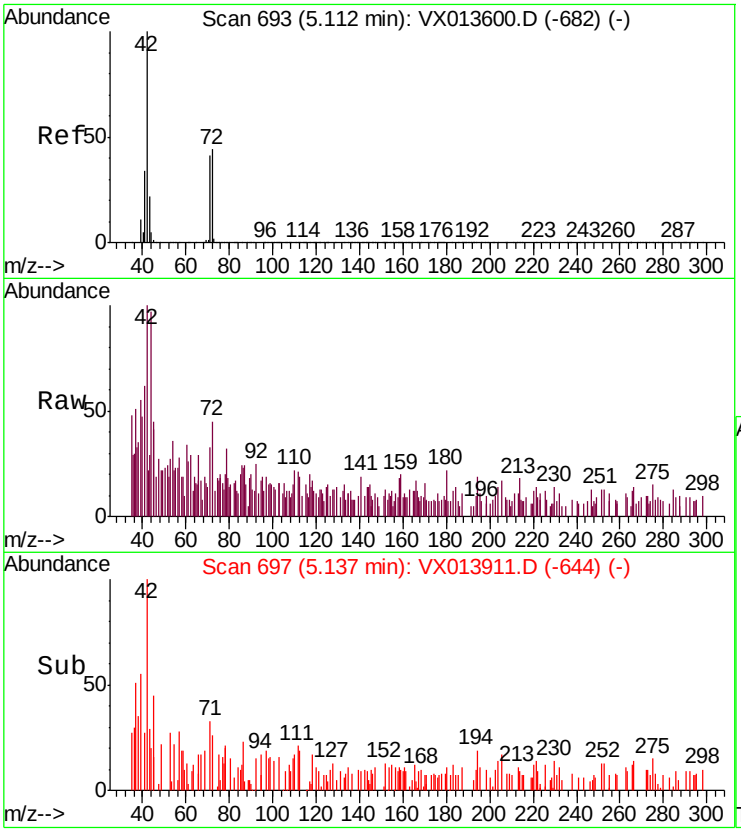


#27
cis-1,2-Dichloroethene
Concen: 2.736 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 96 Resp: 19003

Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	286.4
98	63.5	0.0	127.4



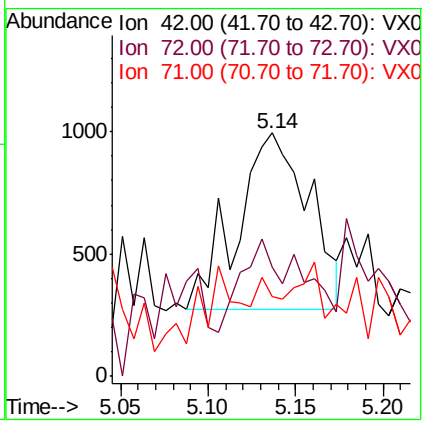


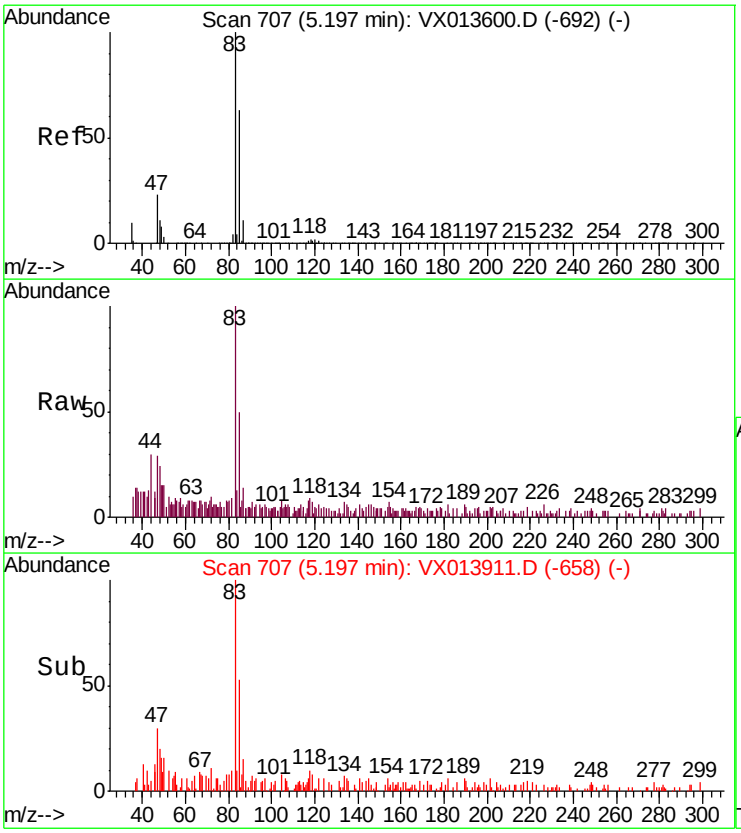
#29
Tetrahydrofuran
Concen: 0.673 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 42 Resp: 2062

Ion	Ratio	Lower	Upper
42	100		
72	26.2	36.3	54.5#
71	0.0	33.2	49.8#

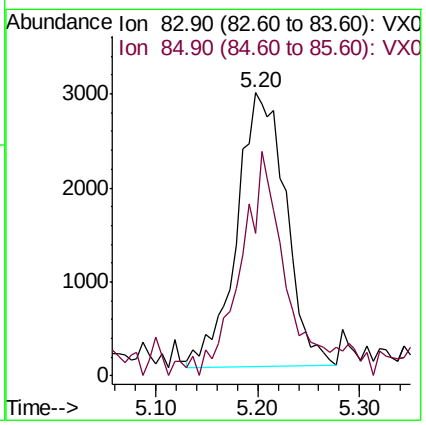


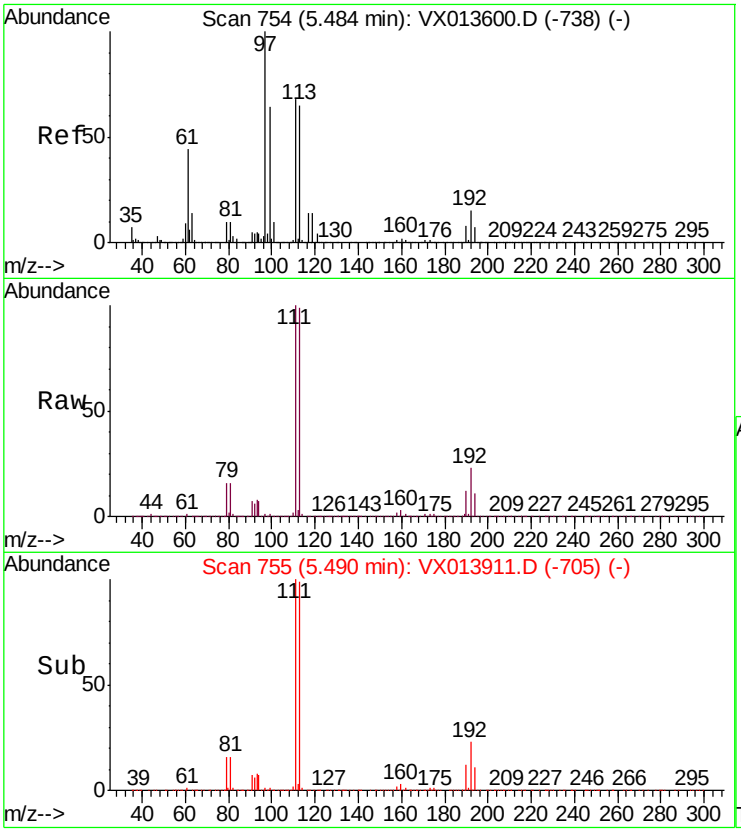


#30
Chloroform
Concen: 0.907 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 83 Resp: 9758

Ion	Ratio	Lower	Upper
83	100		
85	49.9	50.2	75.4#



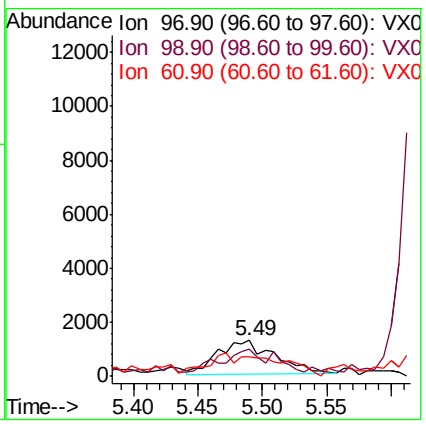


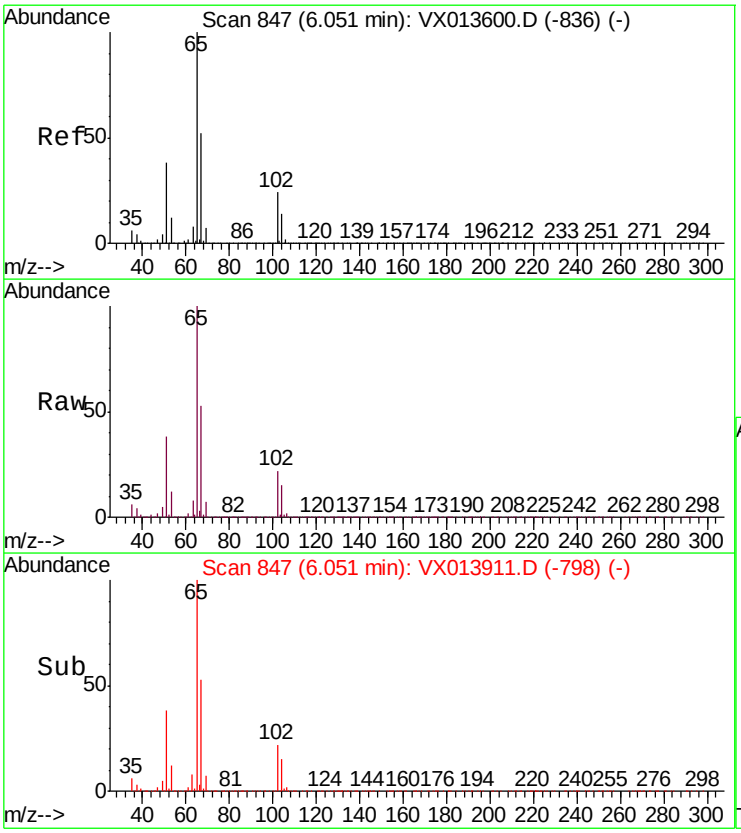
#32
1,1,1-Trichloroethane
Concen: 0.440 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Tgt Ion: 97 Resp: 3958

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	24.8	36.1	54.1#

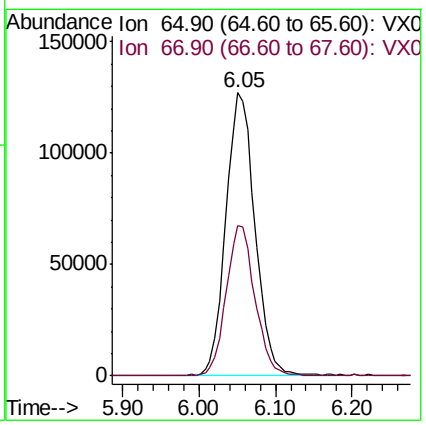


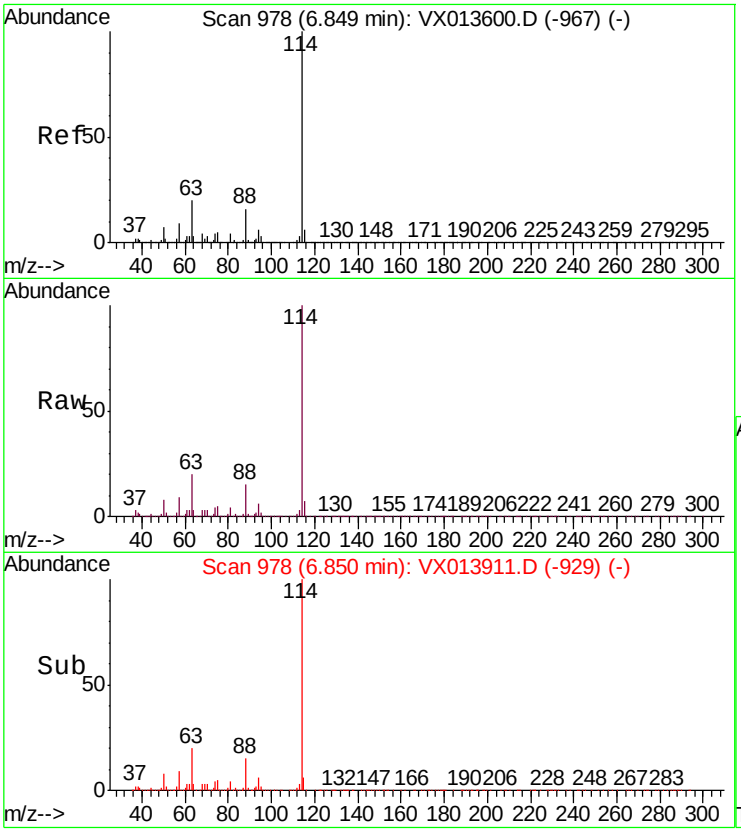


#33
1,2-Dichloroethane-d4
Concen: 49.501 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 65 Resp: 335222

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.4



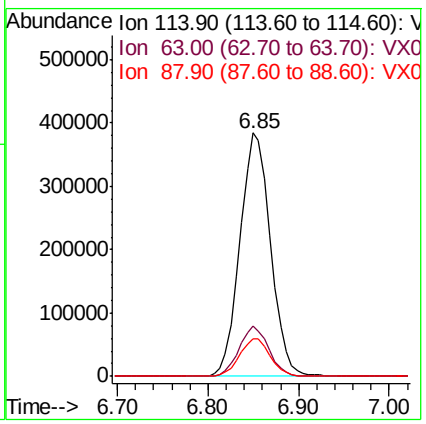


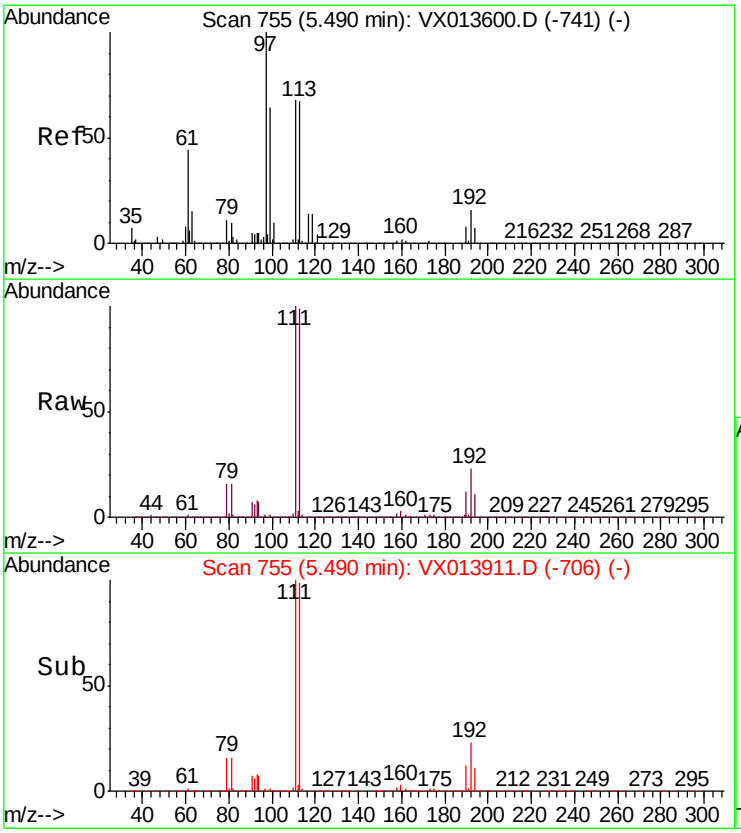
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:114 Resp: 897537

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.6
88	15.2	0.0	31.4

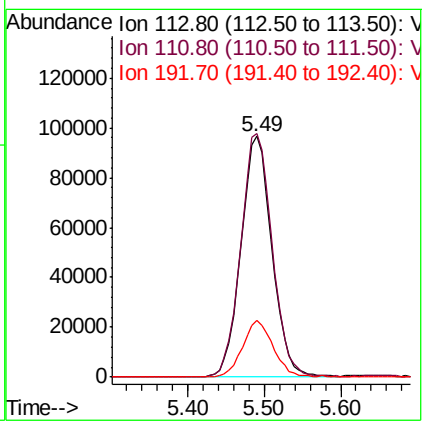


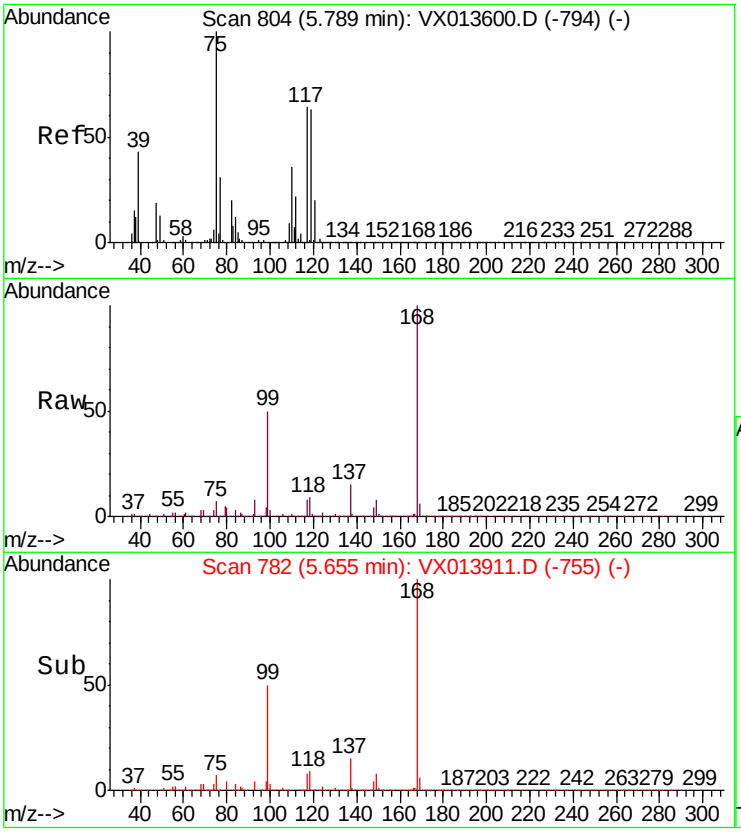


#35
Dibromofluoromethane
Concen: 48.772 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion:113 Resp: 270621

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.6	125.4
192	23.0	19.2	28.8



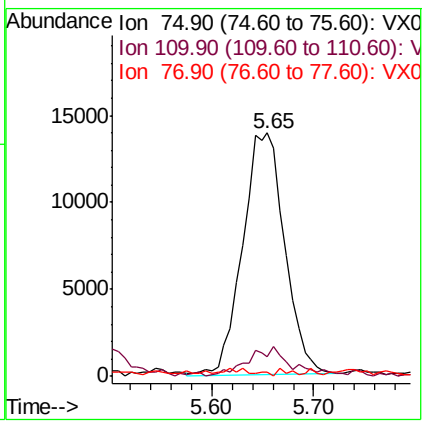


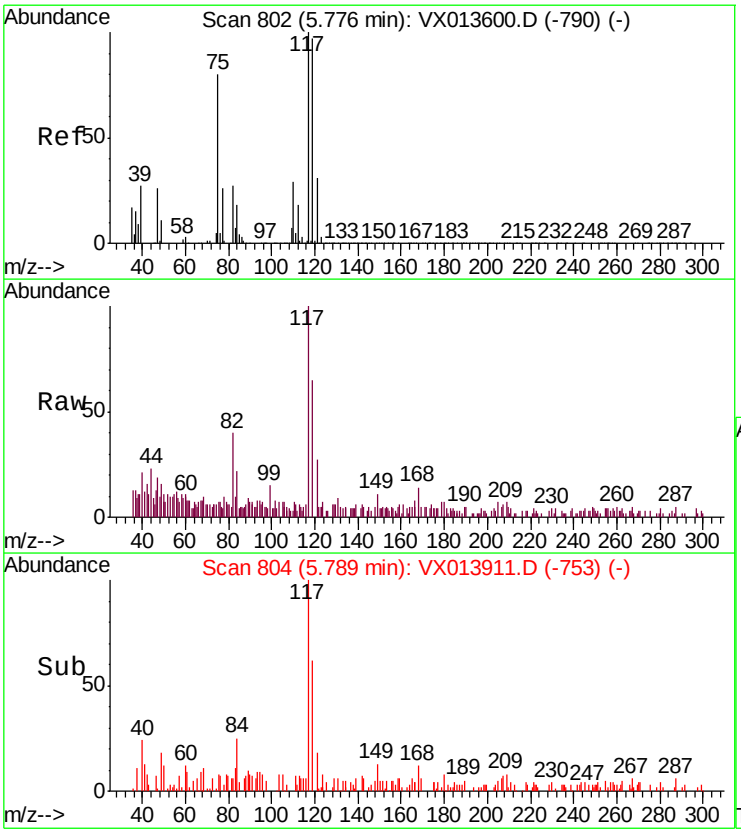
#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Tgt Ion: 75 Resp: 39854

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	1.0	24.5	36.7#

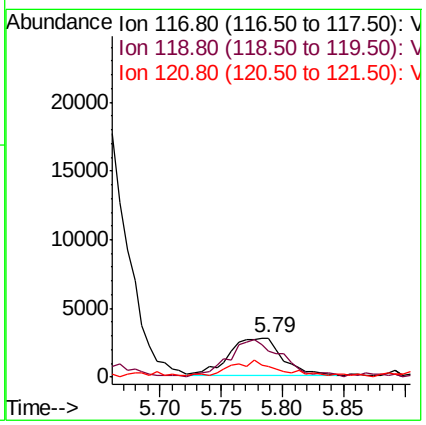


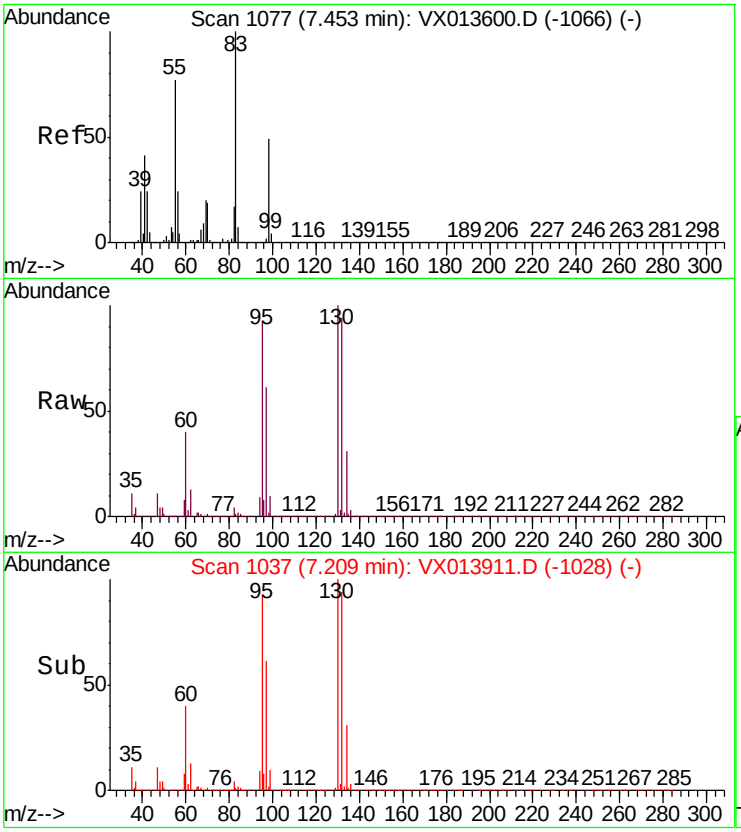


#38
Carbon Tetrachloride
Concen: 1.109 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion:117 Resp: 8332

Ion	Ratio	Lower	Upper
117	100		
119	66.2	77.5	116.3#
121	23.0	25.0	37.6#



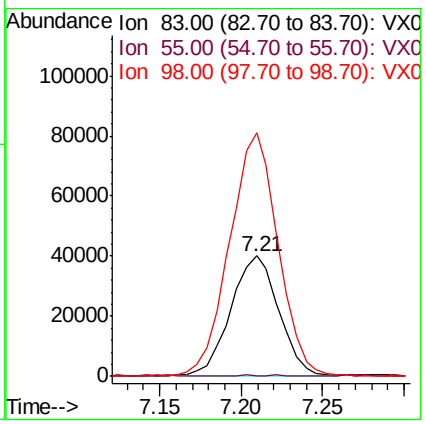


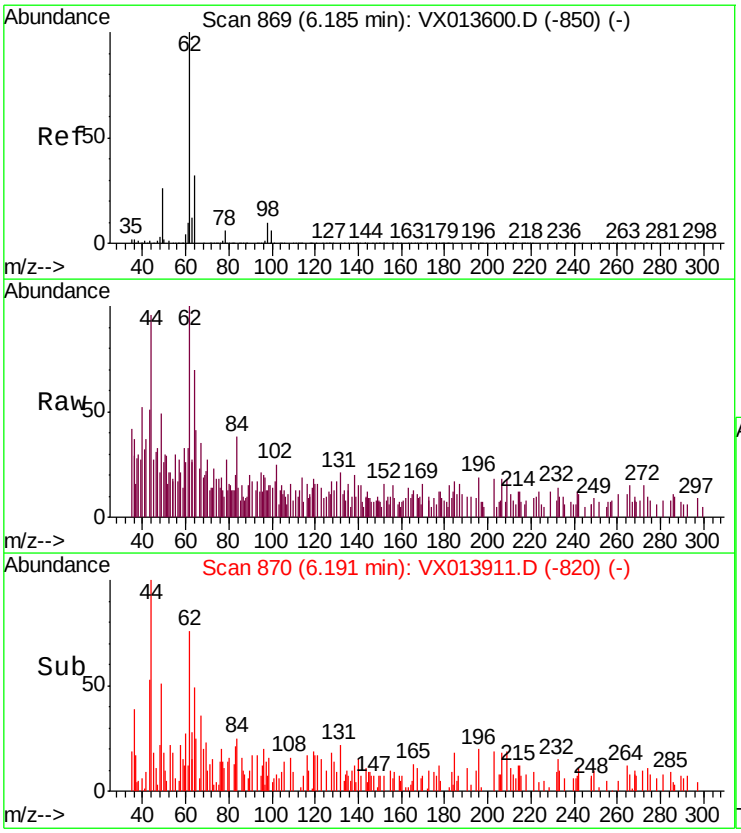
#39
Methylcyclohexane
Concen: 8.026 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 83 Resp: 80833

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	201.9	39.4	59.0#

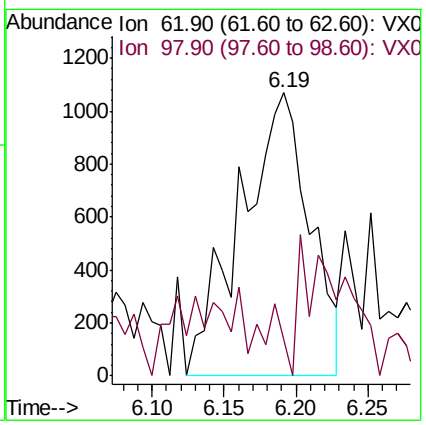


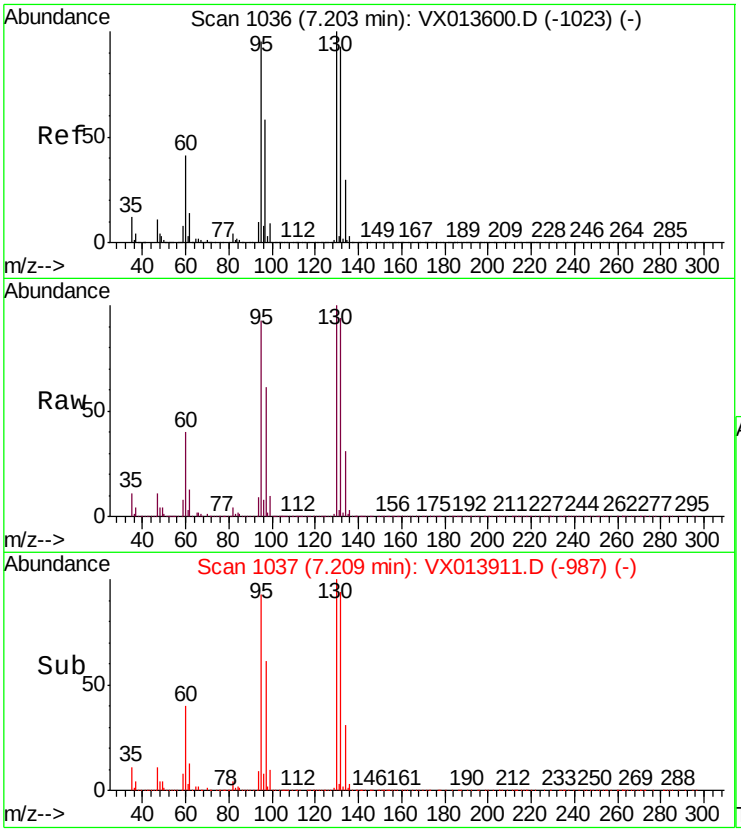


#42
1,2-Dichloroethane
Concen: 0.423 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 62 Resp: 3579

Ion	Ratio	Lower	Upper
62	100		
98	4.2	0.0	20.8



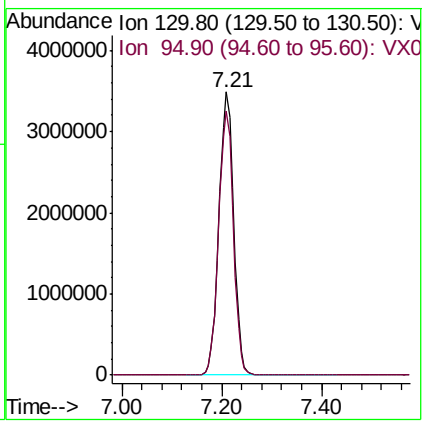


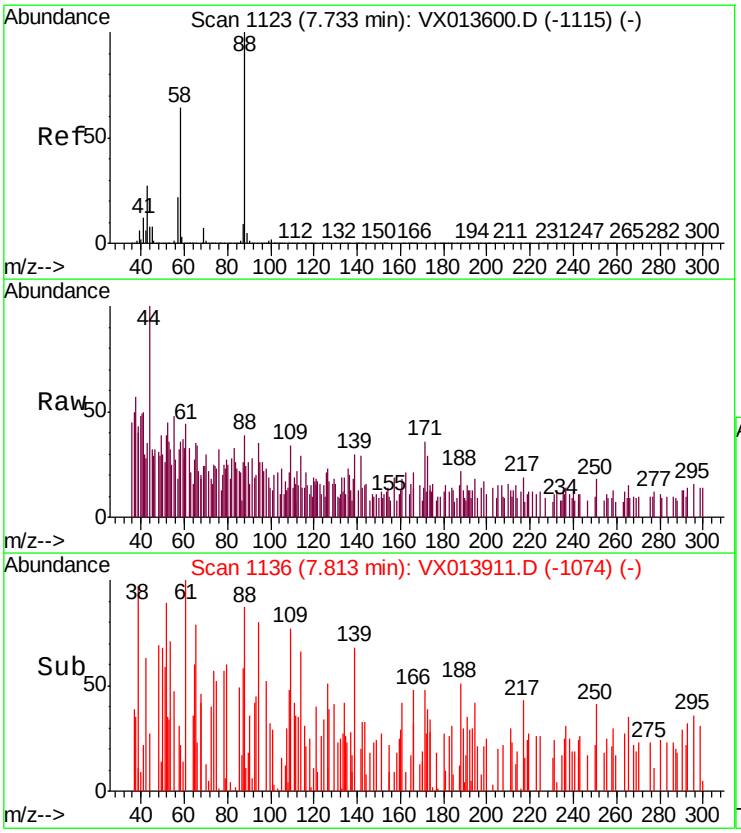
#44
Trichloroethene
Concen: 1047.846 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:130 Resp: 7136033

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	190.8

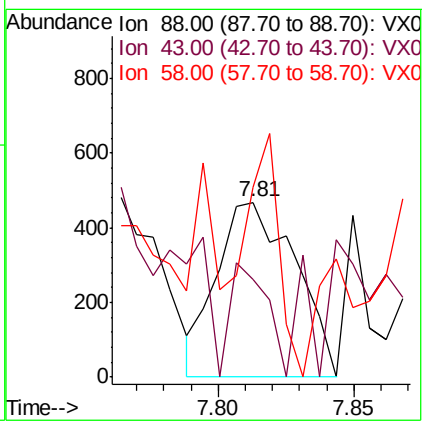


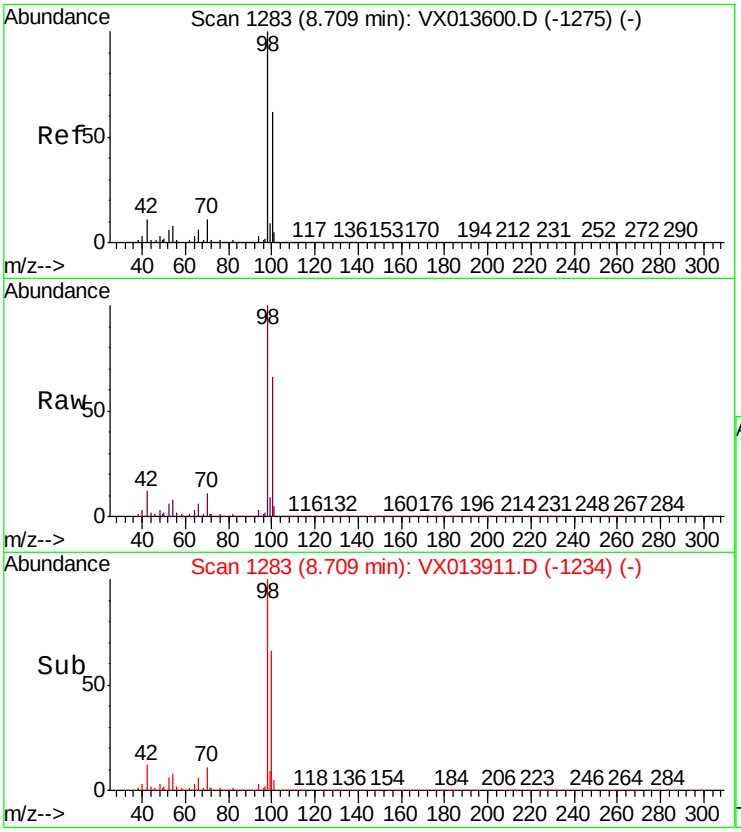


#49
1,4-Dioxane
Concen: 5.738 ug/l
RT: 7.81 min Scan# 1136
Delta R.T. 0.08 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 88 Resp: 939

Ion	Ratio	Lower	Upper
88	100		
43	30.2	25.8	38.6
58	61.4	54.6	82.0



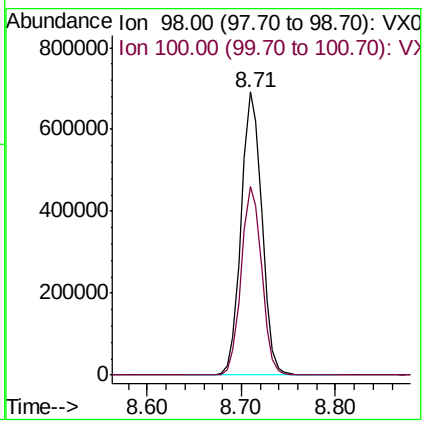


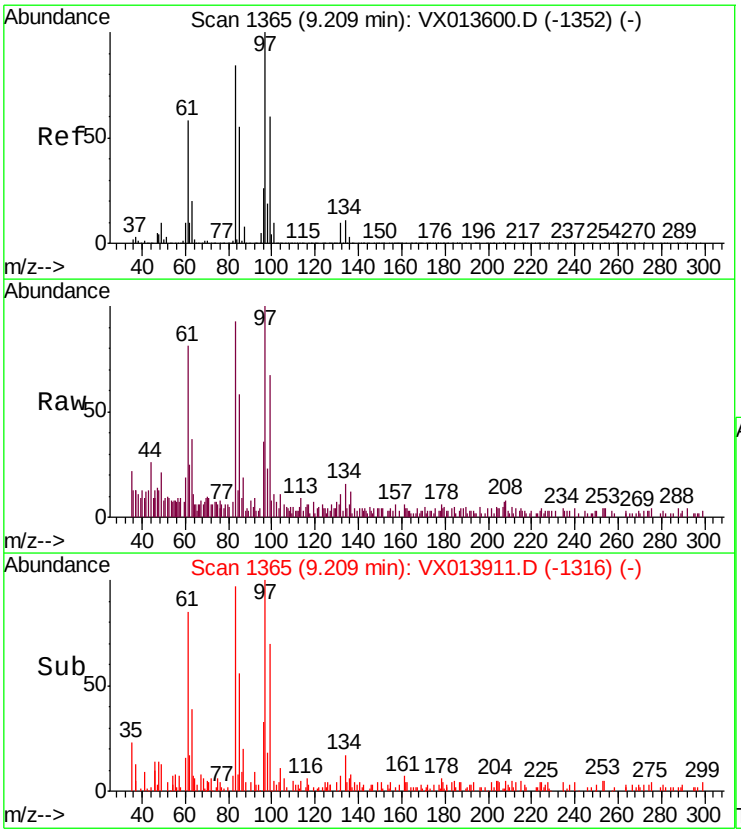
#50
Toluene-d8
Concen: 49.106 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Tgt Ion: 98 Resp: 1061580

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

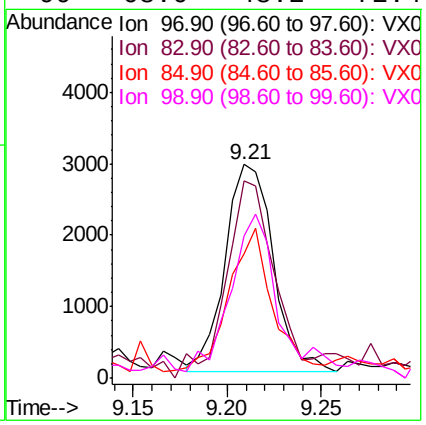


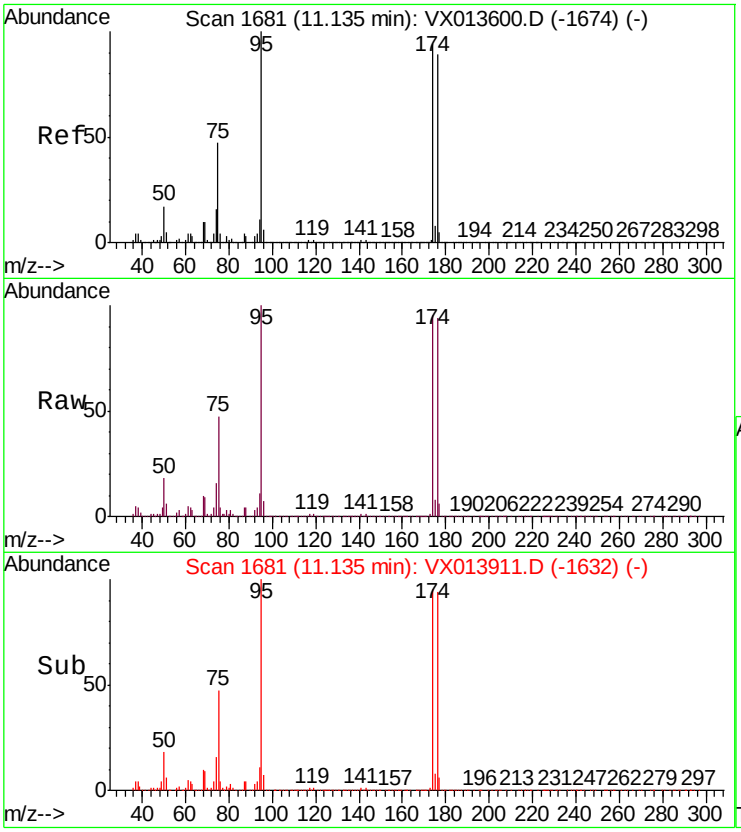


#55
1,1,2-Trichloroethane
Concen: 0.823 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 97 Resp: 5114

Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.3	100.9
85	56.7	43.6	65.4
99	68.0	48.2	72.4



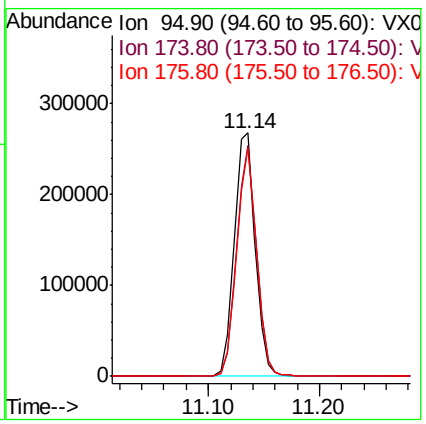


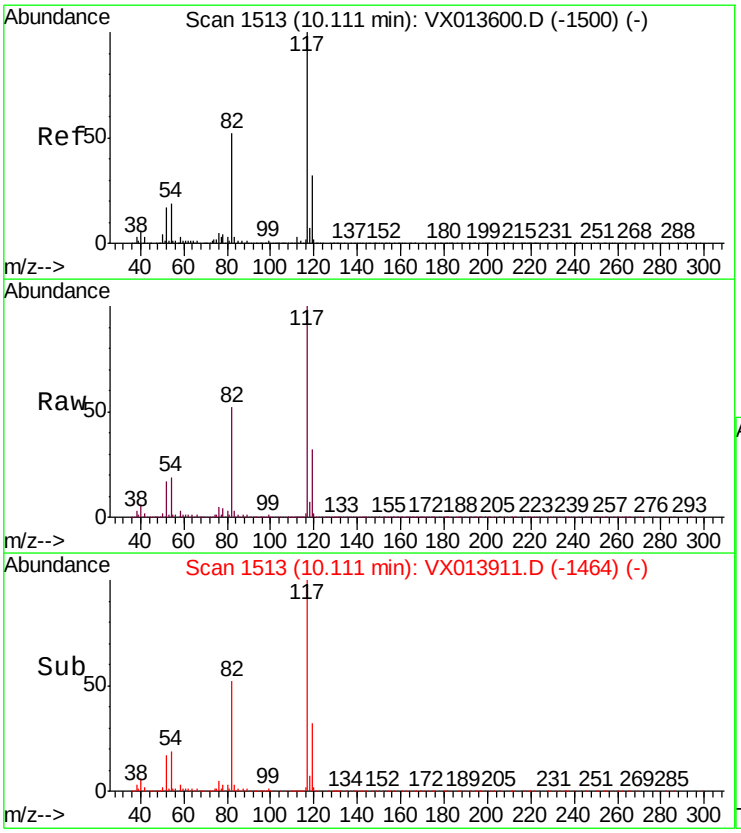
#62
4-Bromofluorobenzene
Concen: 44.874 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 95 Resp: 349822

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	180.0
176	89.0	0.0	173.6

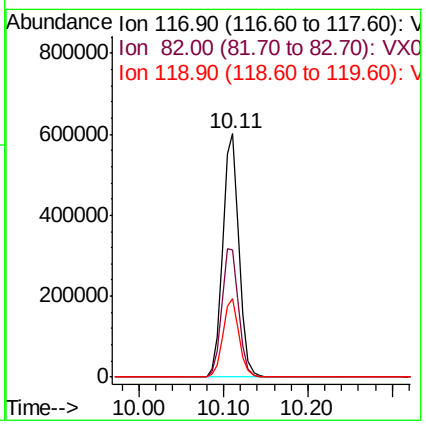


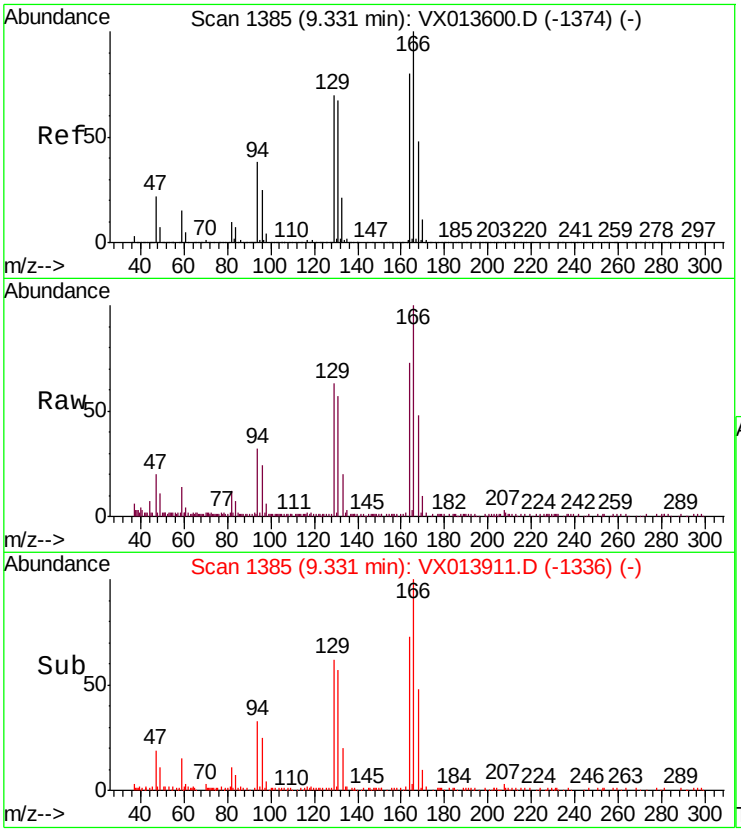


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion:117 Resp: 800209

Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.8
119	32.0	25.8	38.8



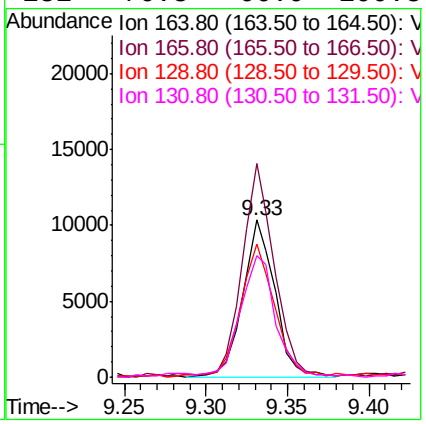


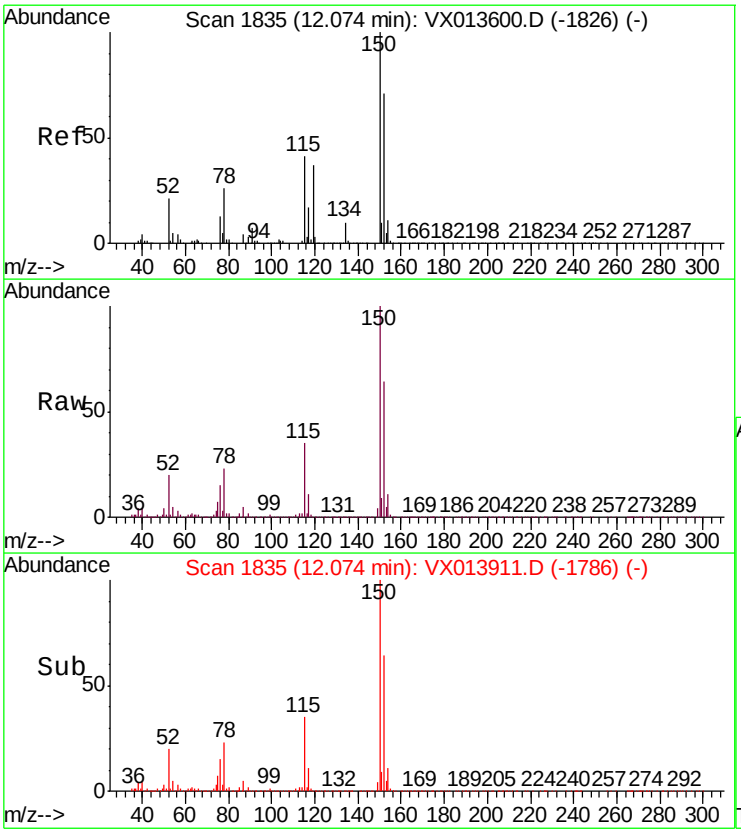
#64
Tetrachloroethene
Concen: 2.384 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:164 Resp: 14229

Ion	Ratio	Lower	Upper
164	100		
166	134.9	99.7	149.5
129	82.8	70.1	105.1
131	76.3	66.9	100.3

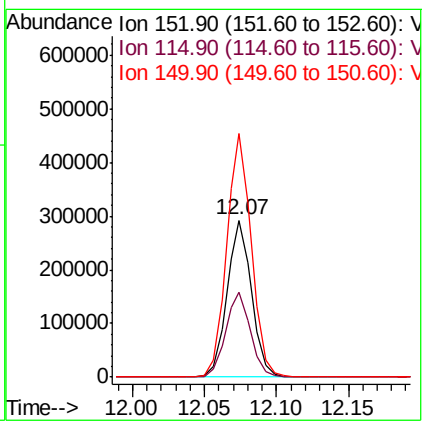


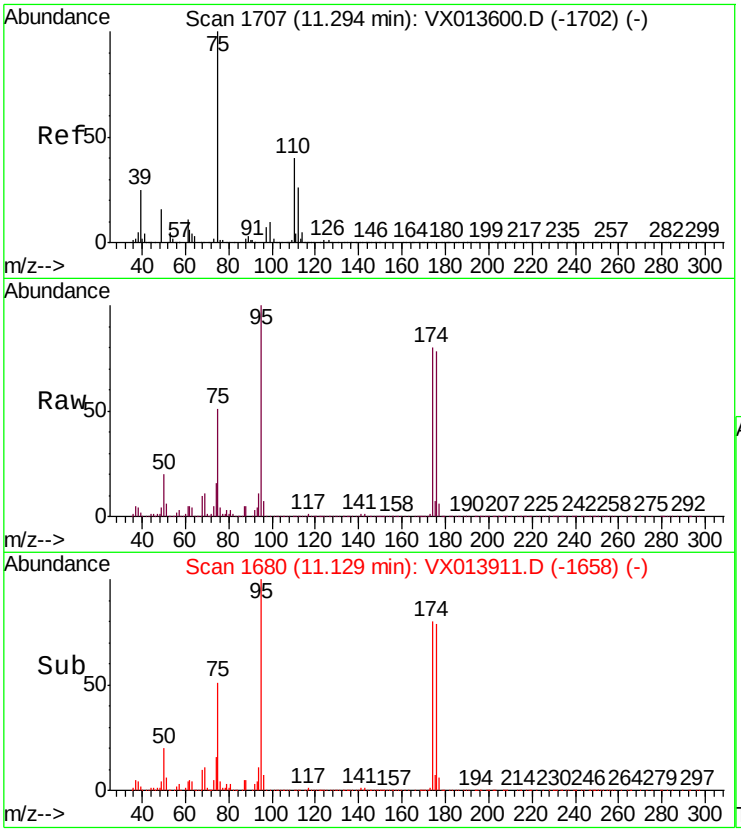


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion:152 Resp: 347834

Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.4	115.1
150	157.3	0.0	346.8



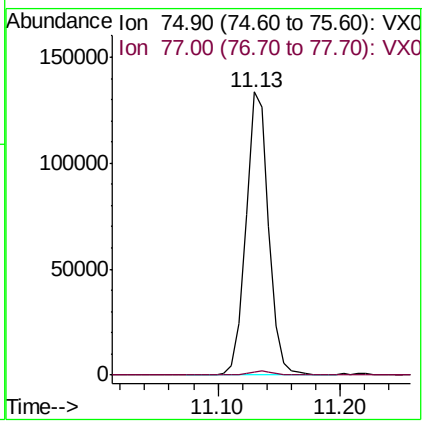


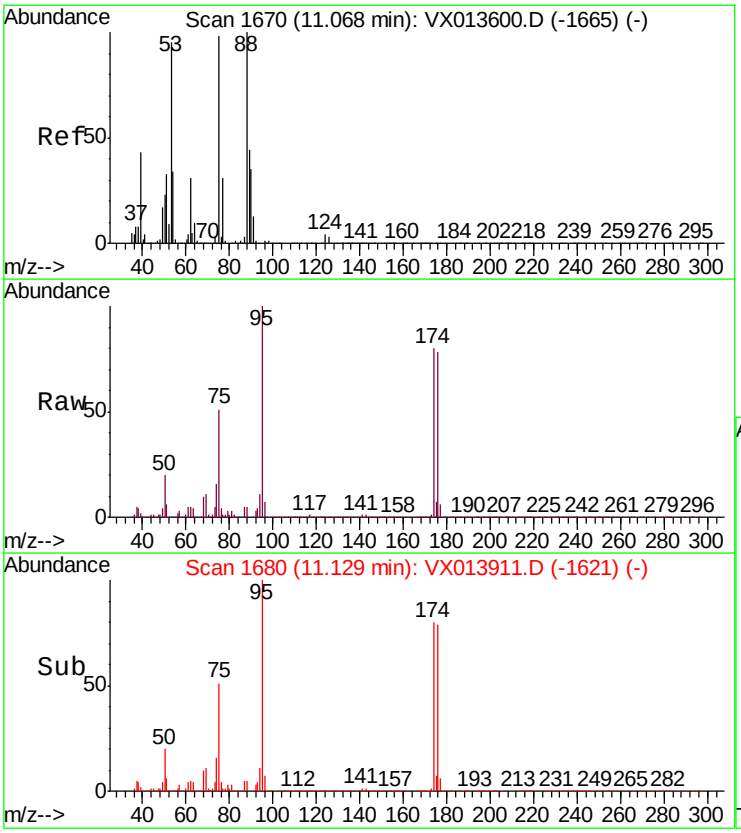
#76
1,2,3-Trichloropropane
Concen: 21.888 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 75 Resp: 171239

Ion	Ratio	Lower	Upper
75	100		
77	2.0	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.882 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013911.D
Acq: 10 Dec 2019 20:17

Tgt Ion: 75 Resp: 171239

Ion	Ratio	Lower	Upper
75	100		
53	0.5	78.2	117.2#
89	0.2	35.4	53.2#