Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013802.D
Acq On : 06 Dec 2019 16:16
Operator : JC/SP
Sample : K6184-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE109D3-20191204

Quant Time: Dec 07 02:38:20 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	640027	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	975319	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	869082	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	382660	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	350189	47.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.28%				
35) Dibromofluoromethane	5.49	113	291367	48.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.64%				
50) Toluene-d8	8.71	98	1153592	49.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.22%				
62) 4-Bromofluorobenzene	11.14	95	381691	45.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	1574	0.221	ug/l		95
6) Chloroethane	1.71	64	1582	0.309	ug/l	#	75
9) 1,1,2-Trichlorotrifluoroet	2.38	101	11650	1.909	ug/l		91
11) Tert butyl alcohol	3.03	59	2820	1.538	ug/l	#	84
12) 1,1-Dichloroethene	2.37	96	2474	0.406	ug/l	#	69
13) Acrolein	2.28	56	310	6.250	ug/l	#	15
16) Acetone	2.43	43	8715	2.376	ug/l		99
20) Methylene Chloride	2.86	84	1839	0.261	ug/l	#	69
27) cis-1,2-Dichloroethene	4.59	96	3554	0.466	ug/l		86
29) Tetrahydrofuran	5.24	42	1034	0.308	ug/l		93
32) 1,1,1-Trichloroethane	5.50	97	3119	0.316	ug/l	#	50
36) 1,1-Dichloropropene	5.65	75	41981	4.742	ug/l	#	50
38) Carbon Tetrachloride	5.78	117	5204	0.637	ug/l	#	86
44) Trichloroethene	7.21	130	452545	61.152	ug/l		97
49) 1,4-Dioxane	7.75	88	2246	12.630	ug/l	#	42
55) 1,1,2-Trichloroethane	9.22	97	1681	0.249	ug/l	#	42
64) Tetrachloroethene	9.33	164	4696	0.725	ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	188506	21.902	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	188506	59.921	ug/l	#	11

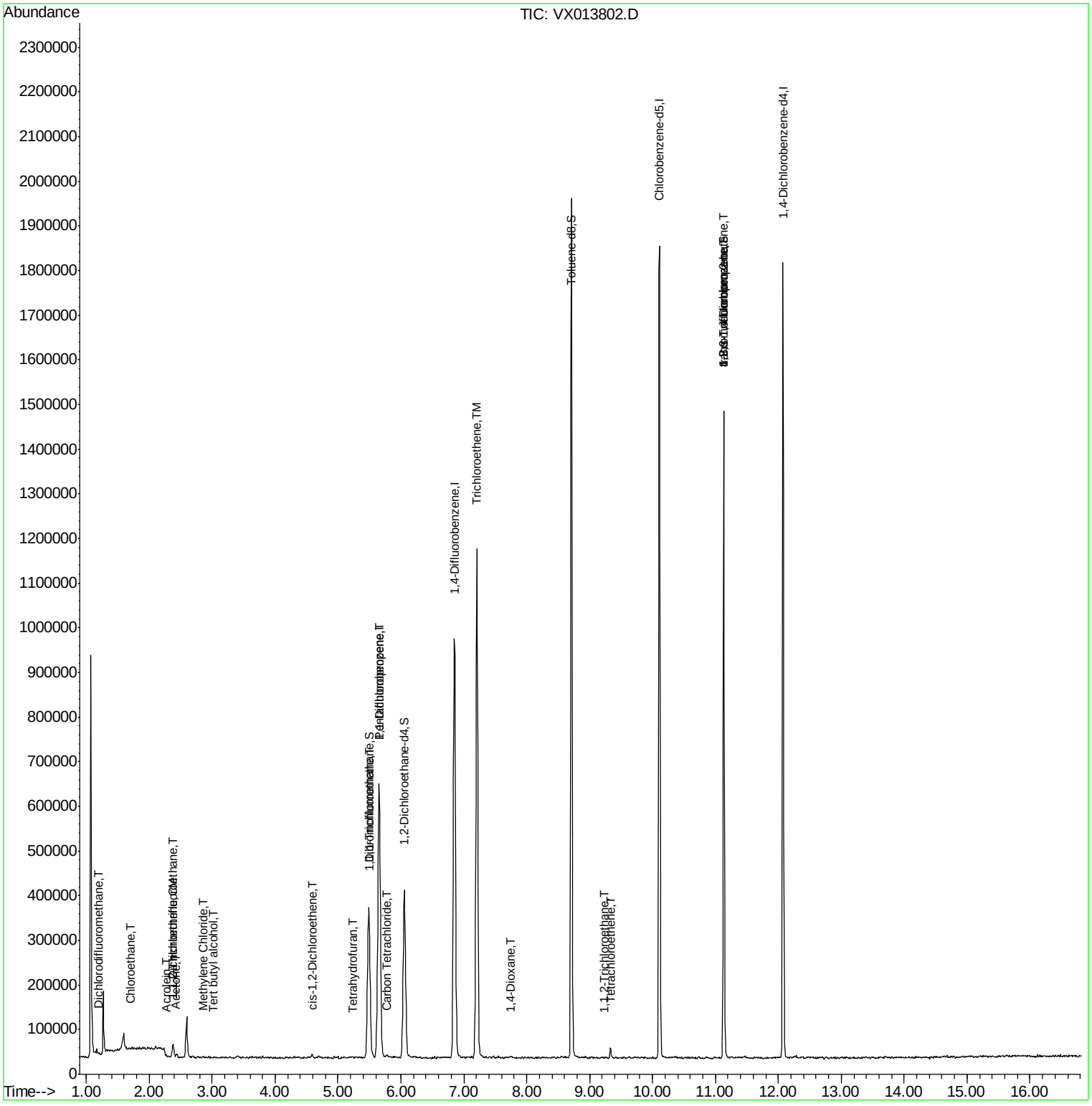
(#) = qualifier out of range (m) = manual integration (+) = signals summed

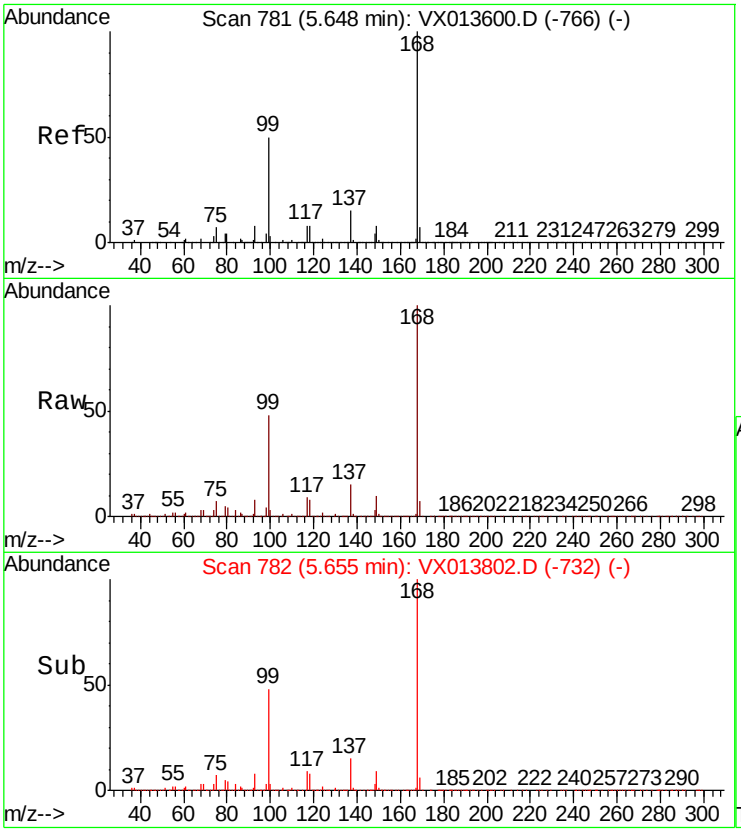
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013802.D
Acq On : 06 Dec 2019 16:16
Operator : JC/SP
Sample : K6184-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Quant Time: Dec 07 02:38:20 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



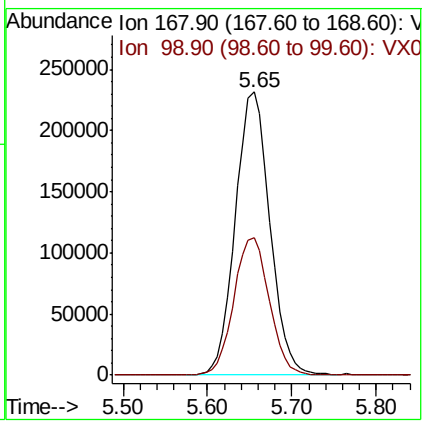


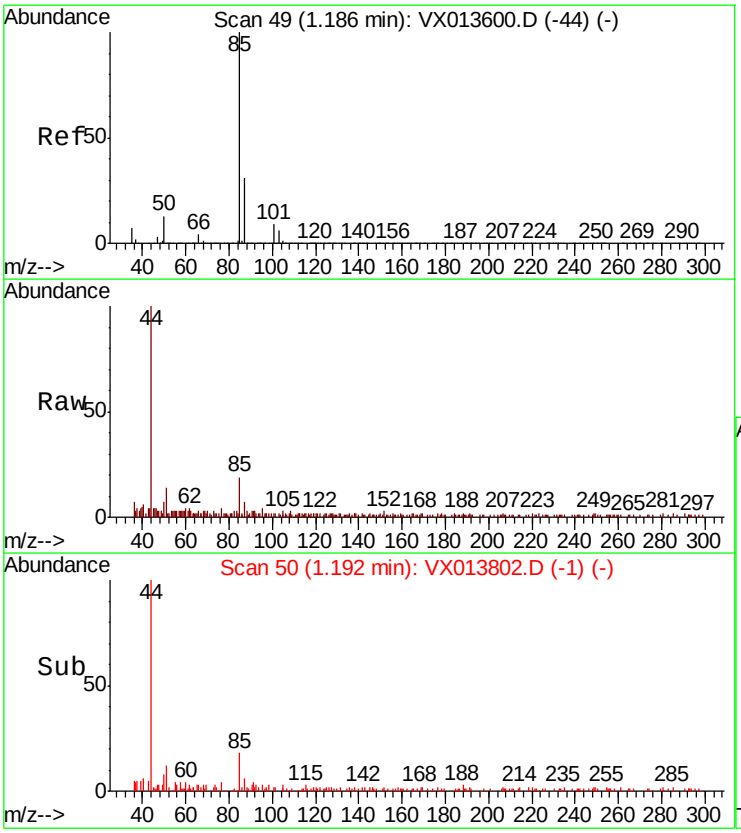
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion:168 Resp: 640027

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.8	59.8

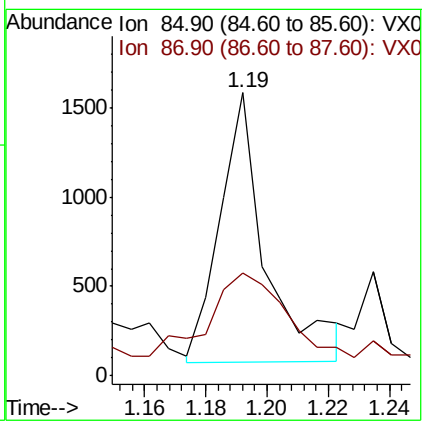


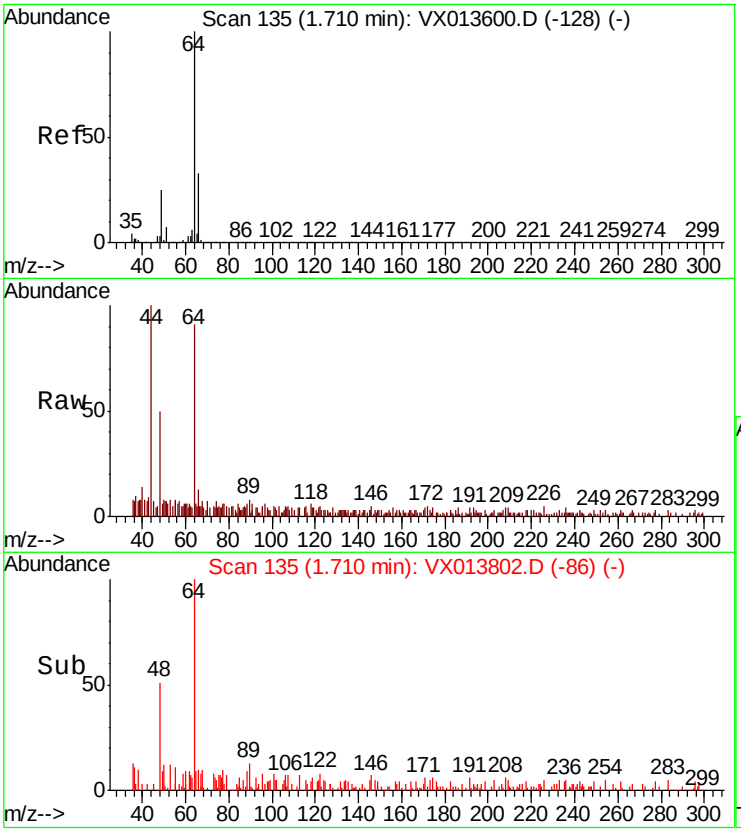


#2
Dichlorodifluoromethane
Concen: 0.221 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 85 Resp: 1574

Ion	Ratio	Lower	Upper
85	100		
87	28.4	15.7	47.1



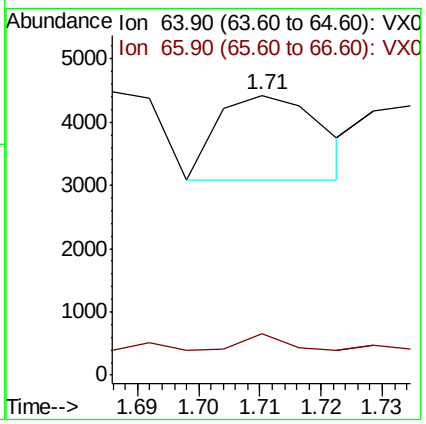


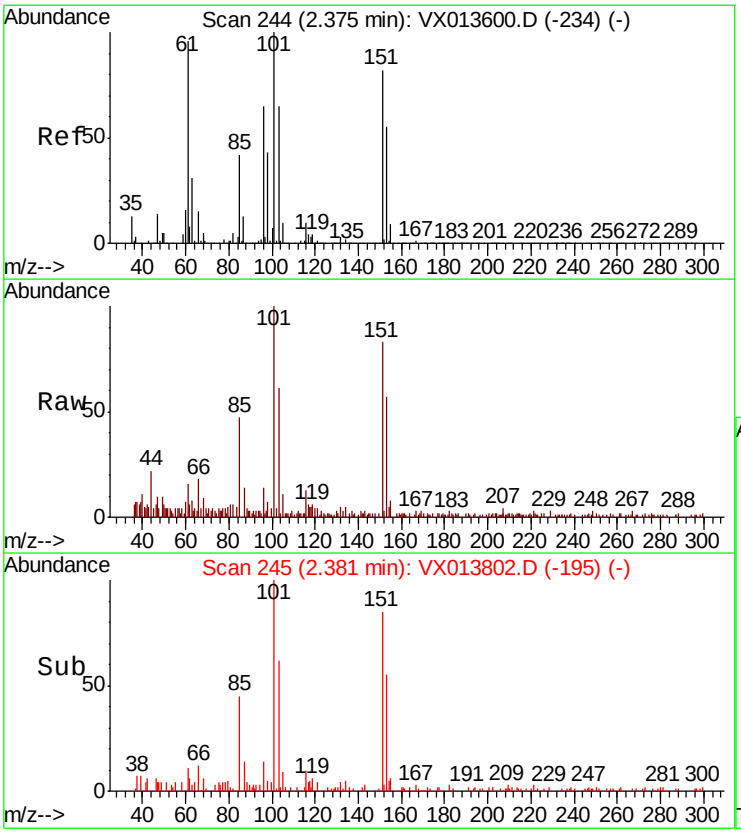
#6
Chloroethane
Concen: 0.309 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion: 64 Resp: 1582

Ion	Ratio	Lower	Upper
64	100		
66	18.9	26.7	40.1#

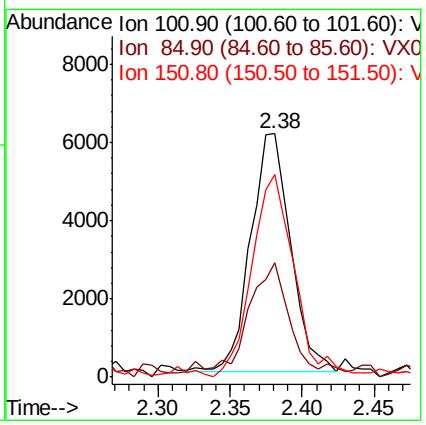


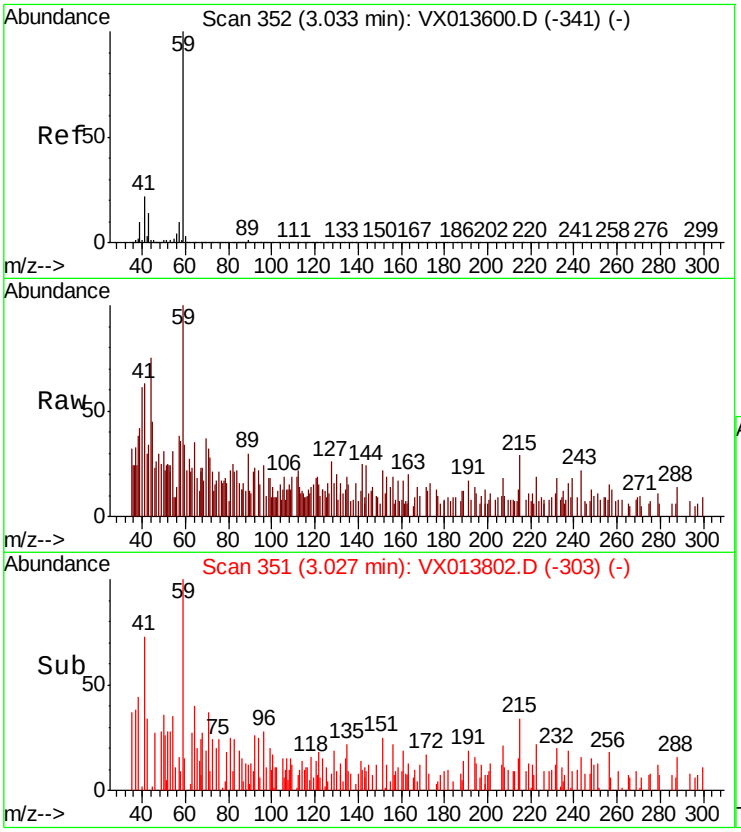


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.909 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion:101 Resp: 11650

Ion	Ratio	Lower	Upper
101	100		
85	44.7	33.9	50.9
151	90.9	64.2	96.2



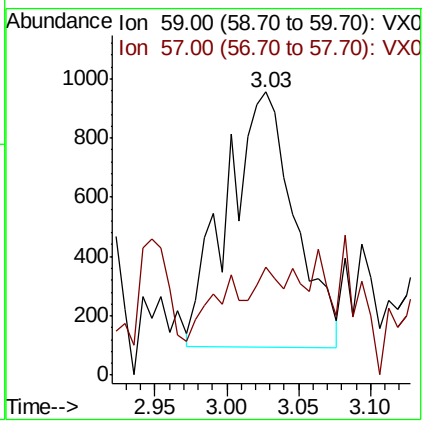


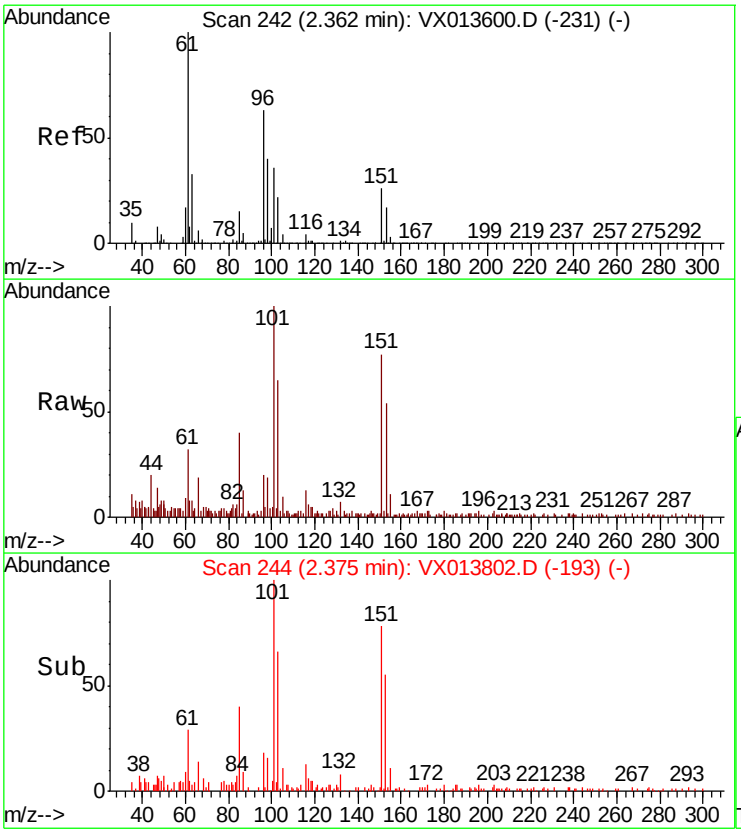
#11
Tert butyl alcohol
Concen: 1.538 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument : MSVOA_X
ClientSampleId : RE109D3-20191204

Tgt Ion: 59 Resp: 2820

Ion	Ratio	Lower	Upper
59	100		
57	3.7	7.8	11.6#

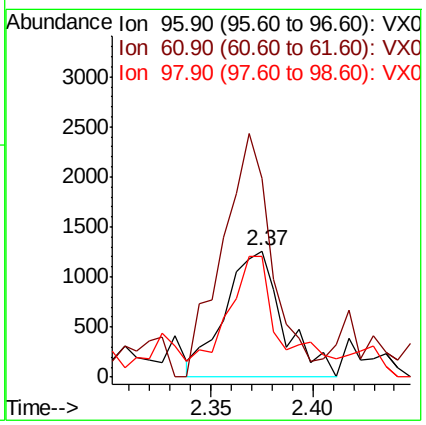


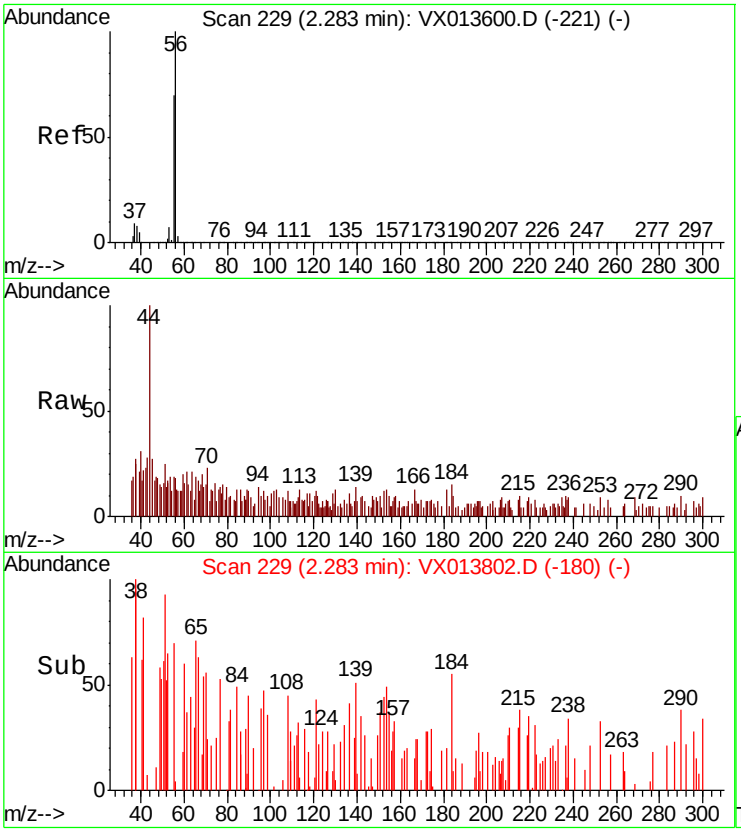


#12
1,1-Dichloroethene
Concen: 0.406 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 96 Resp: 2474

Ion	Ratio	Lower	Upper
96	100		
61	190.2	126.6	190.0#
98	100.9	50.6	76.0#



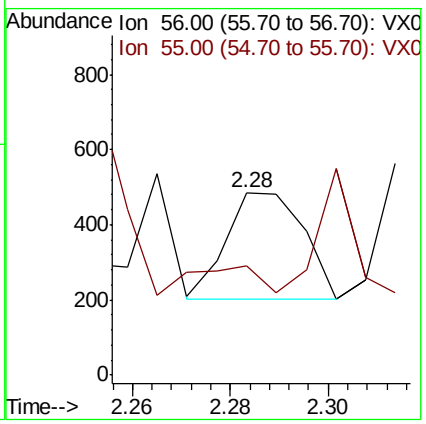


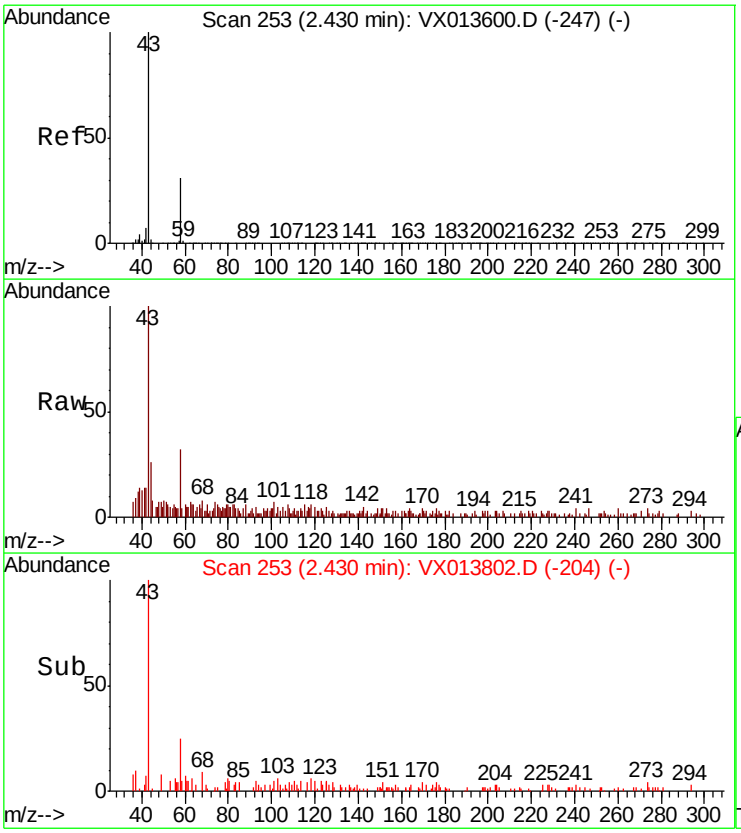
#13
Acrolein
Concen: 6.250 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion: 56 Resp: 310

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#

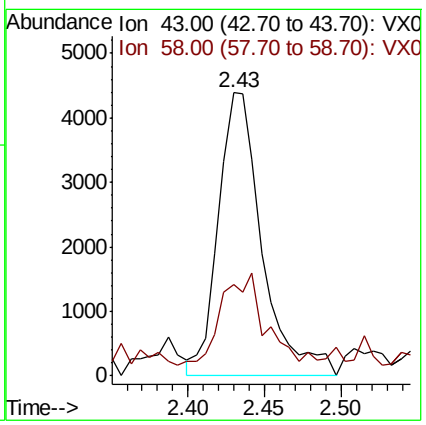


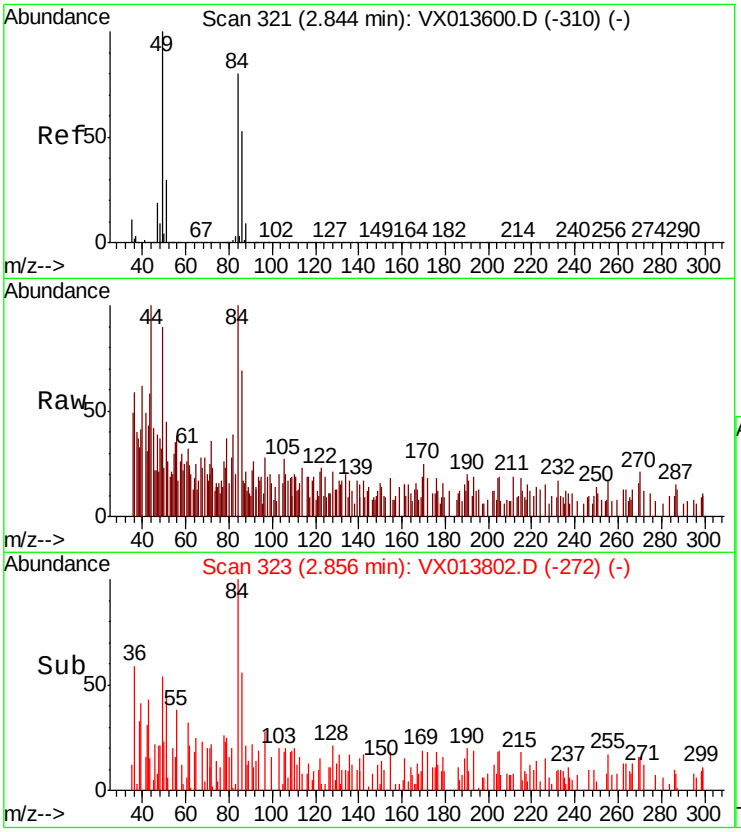


#16
Acetone
Concen: 2.376 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 43 Resp: 8715

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.6	36.8



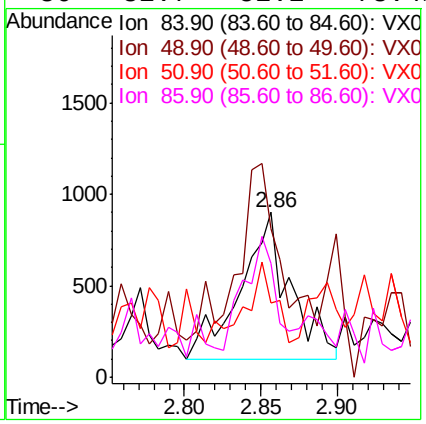


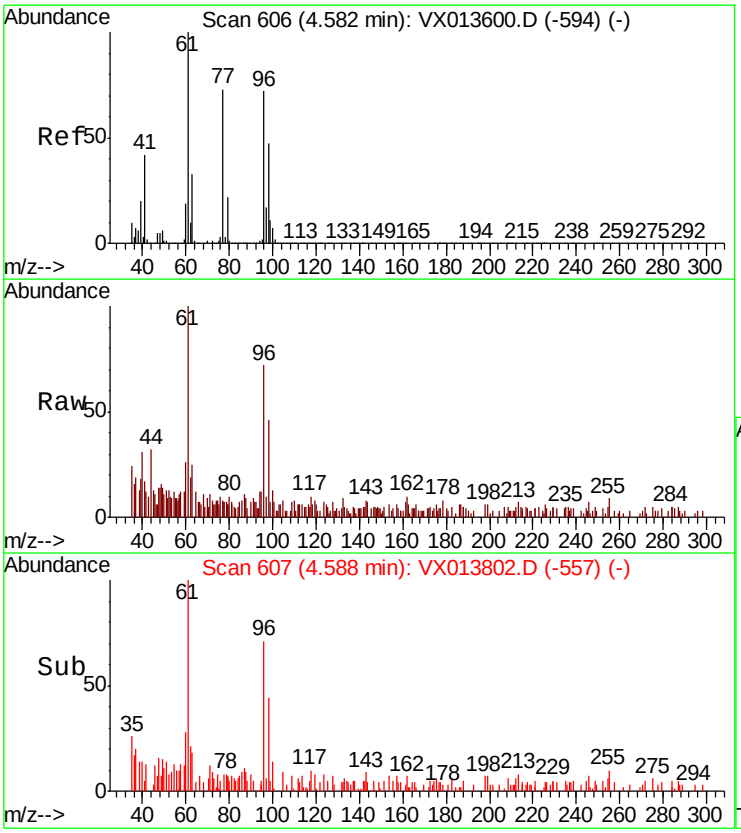
#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument : MSVOA_X
ClientSampleId : RE109D3-20191204

Tgt Ion: 84 Resp: 1839

Ion	Ratio	Lower	Upper
84	100		
49	75.3	99.7	149.5#
51	33.5	29.9	44.9
86	82.7	52.2	78.4#

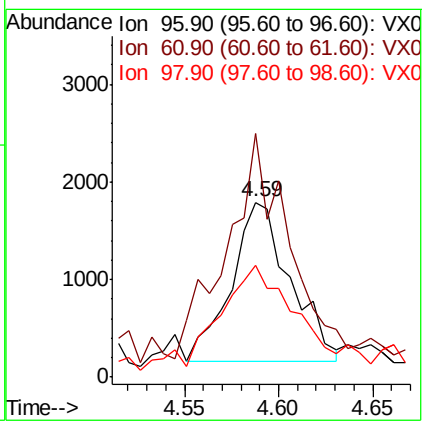


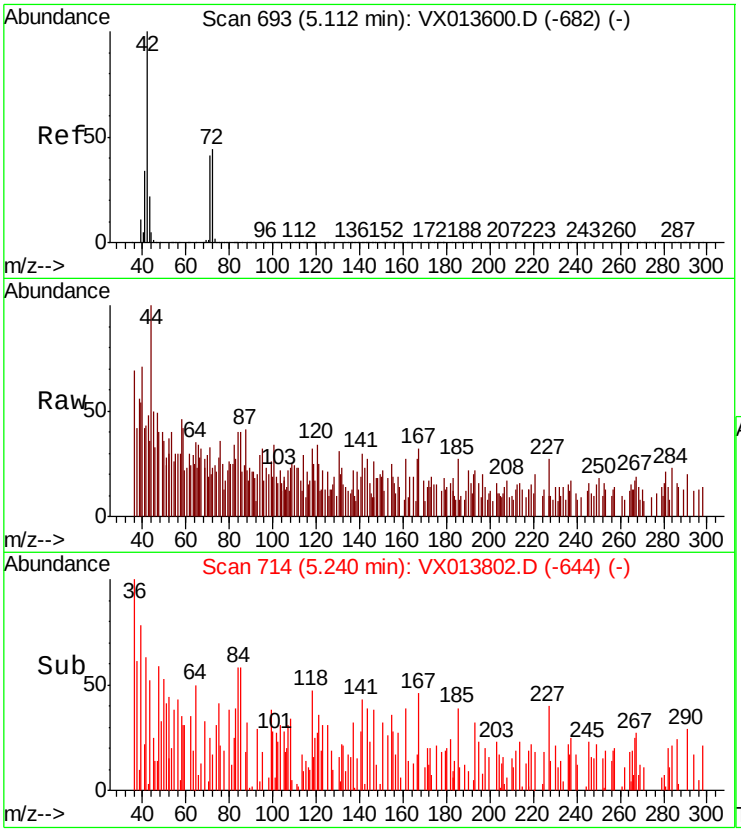


#27
cis-1,2-Dichloroethene
Concen: 0.466 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 96 Resp: 3554

Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	286.4
98	91.5	0.0	127.4



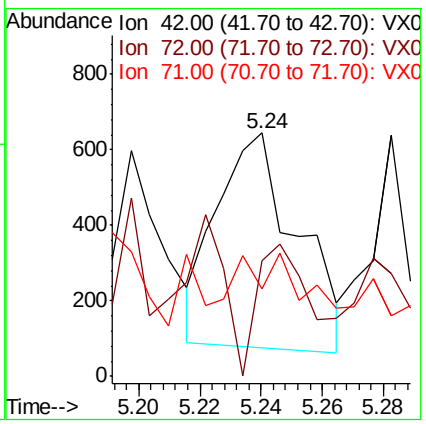


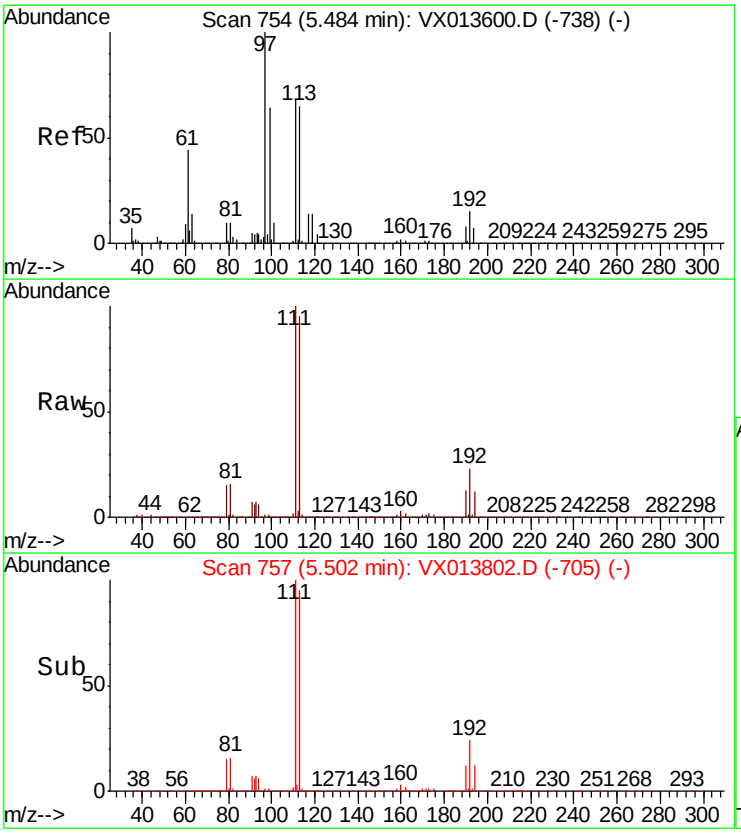
#29
Tetrahydrofuran
Concen: 0.308 ug/l
RT: 5.24 min Scan# 714
Delta R.T. 0.13 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion: 42 Resp: 1034

Ion	Ratio	Lower	Upper
42	100		
72	38.0	36.3	54.5
71	42.9	33.2	49.8

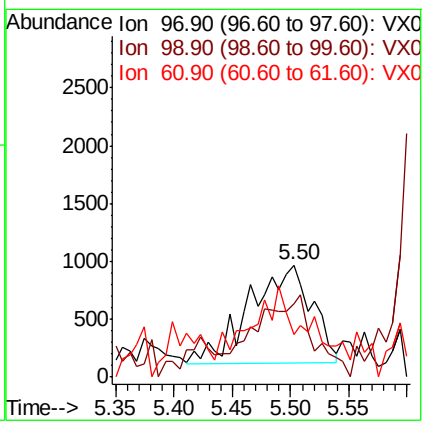


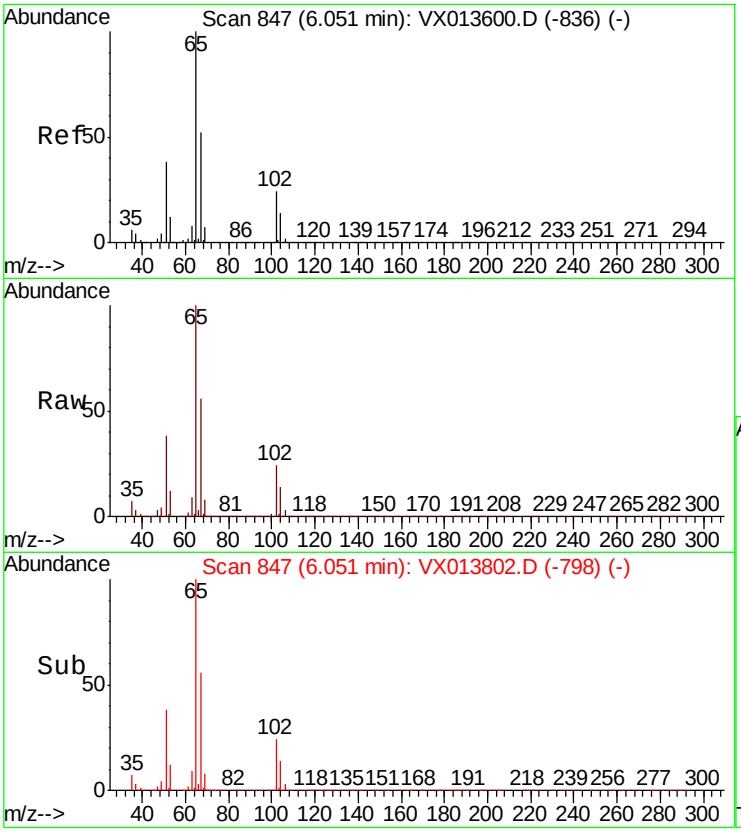


#32
1,1,1-Trichloroethane
Concen: 0.316 ug/l
RT: 5.50 min Scan# 757
Delta R.T. 0.02 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 97 Resp: 3119

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	47.9	36.1	54.1



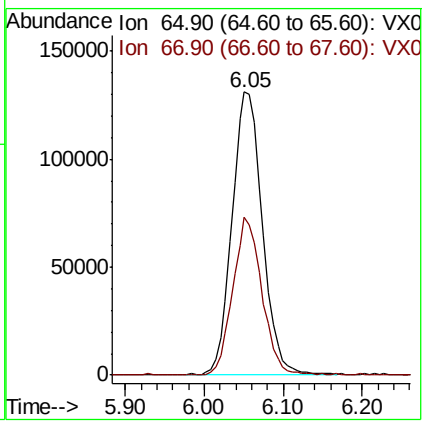


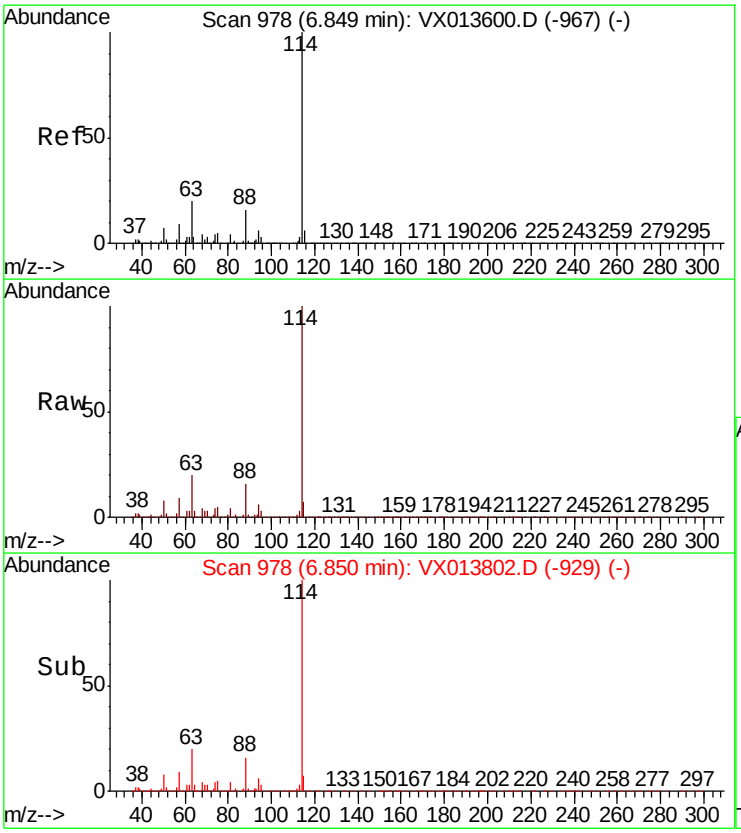
#33
1,2-Dichloroethane-d4
Concen: 47.136 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion: 65 Resp: 350189

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	104.4

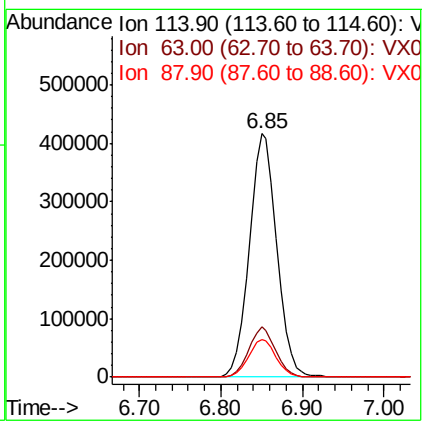


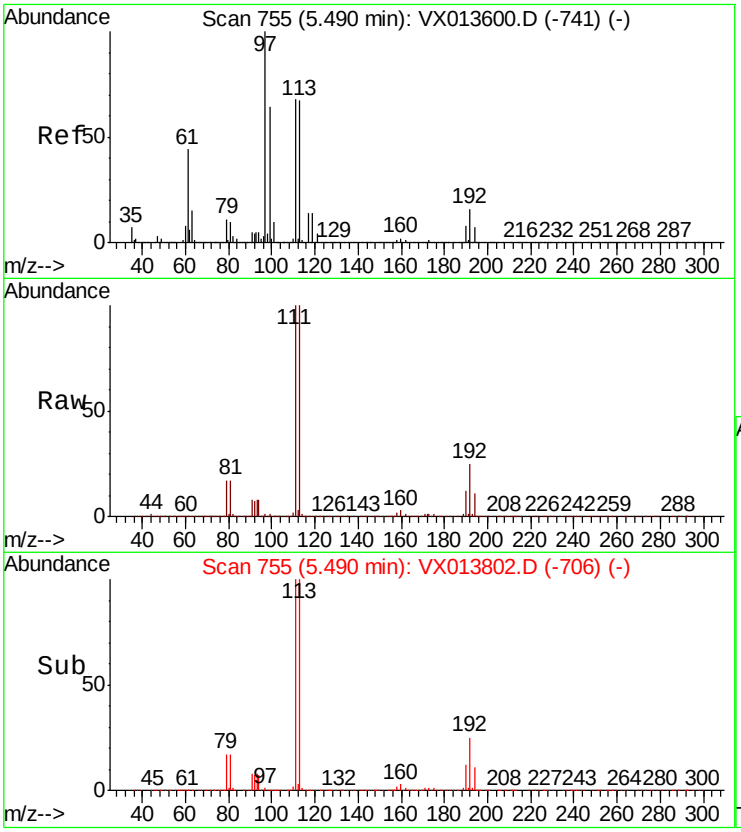


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion:114 Resp: 975319

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.6
88	15.6	0.0	31.4



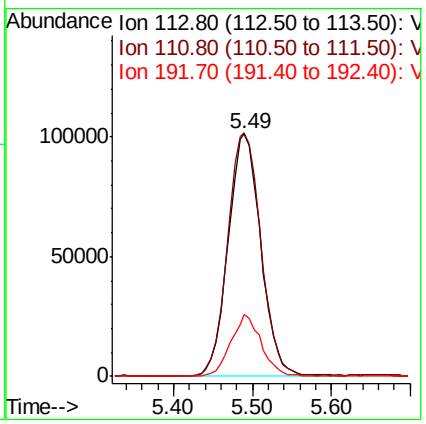


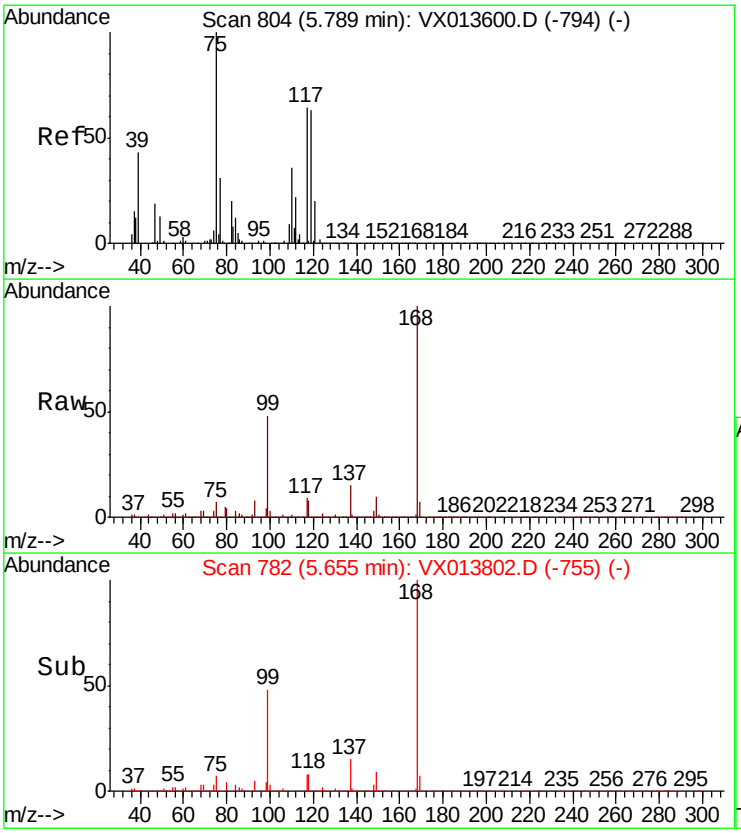
#35
Dibromofluoromethane
Concen: 48.323 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion:113 Resp: 291367

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.6	125.4
192	23.6	19.2	28.8

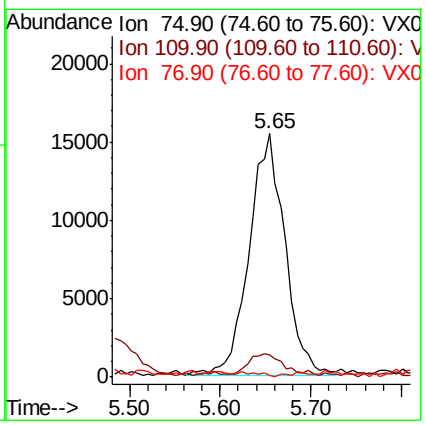


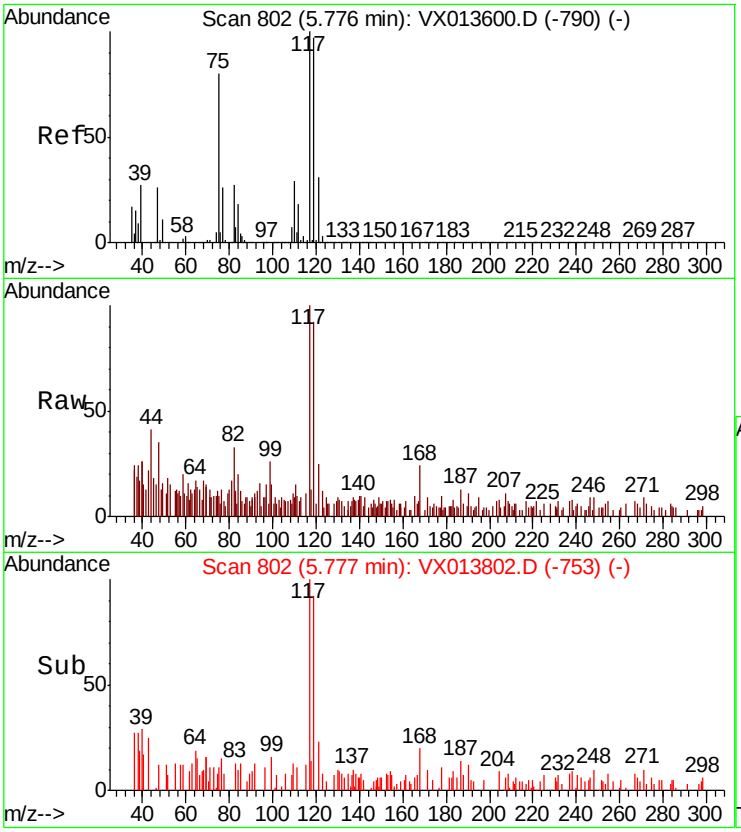


#36
1,1-Dichloropropene
Concen: 4.742 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 75 Resp: 41981

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	24.5	36.7#



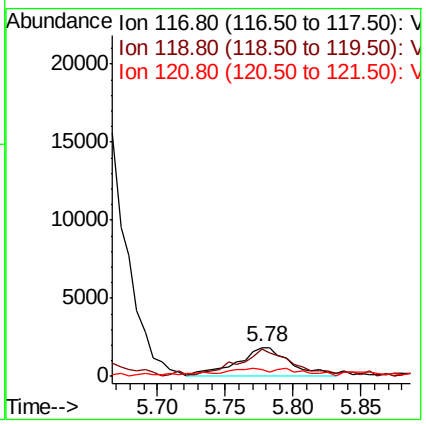


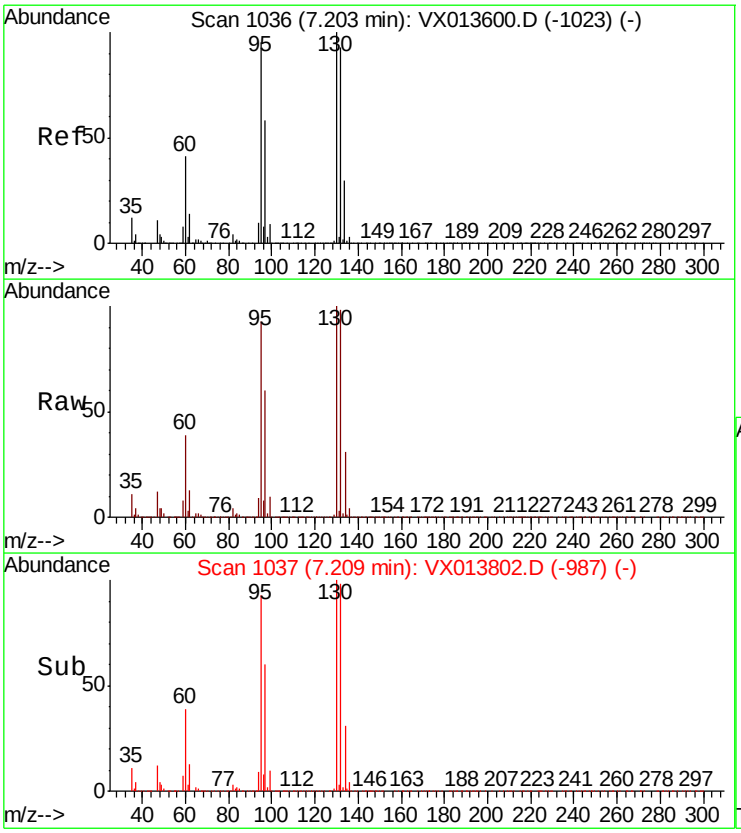
#38
Carbon Tetrachloride
Concen: 0.637 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion:117 Resp: 5204

Ion	Ratio	Lower	Upper
117	100		
119	86.7	77.5	116.3
121	17.0	25.0	37.6#

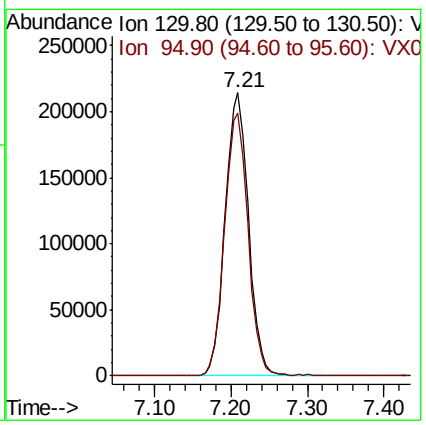


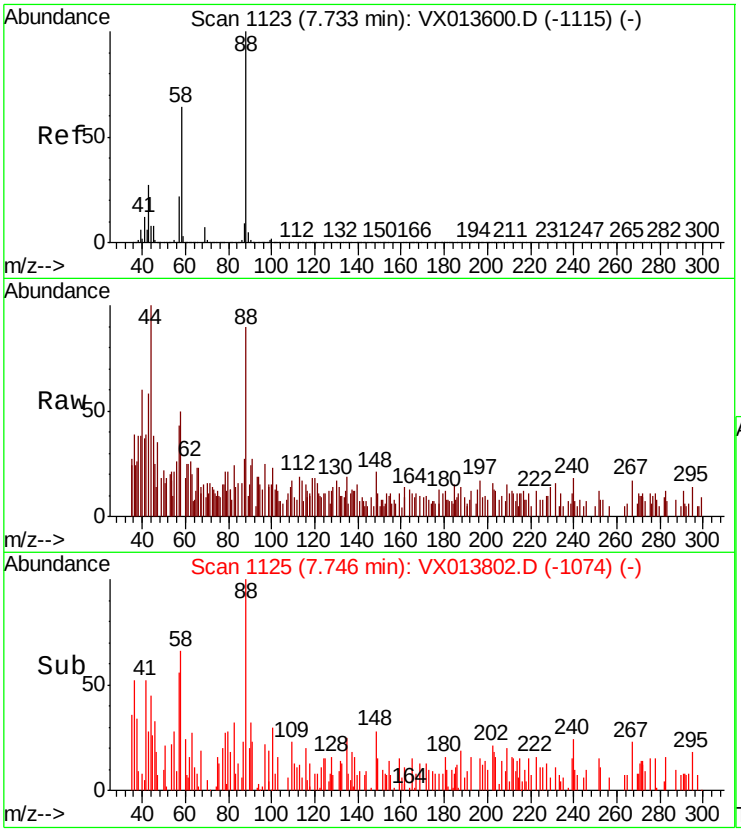


#44
Trichloroethene
Concen: 61.152 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion:130 Resp: 452545

Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	190.8



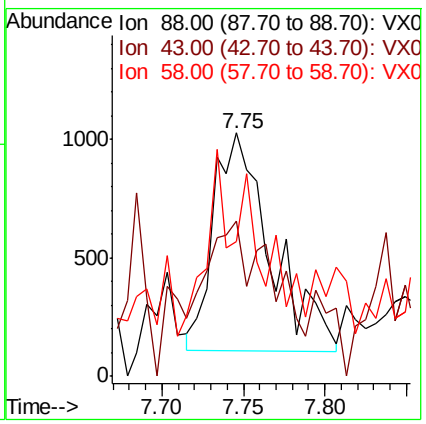


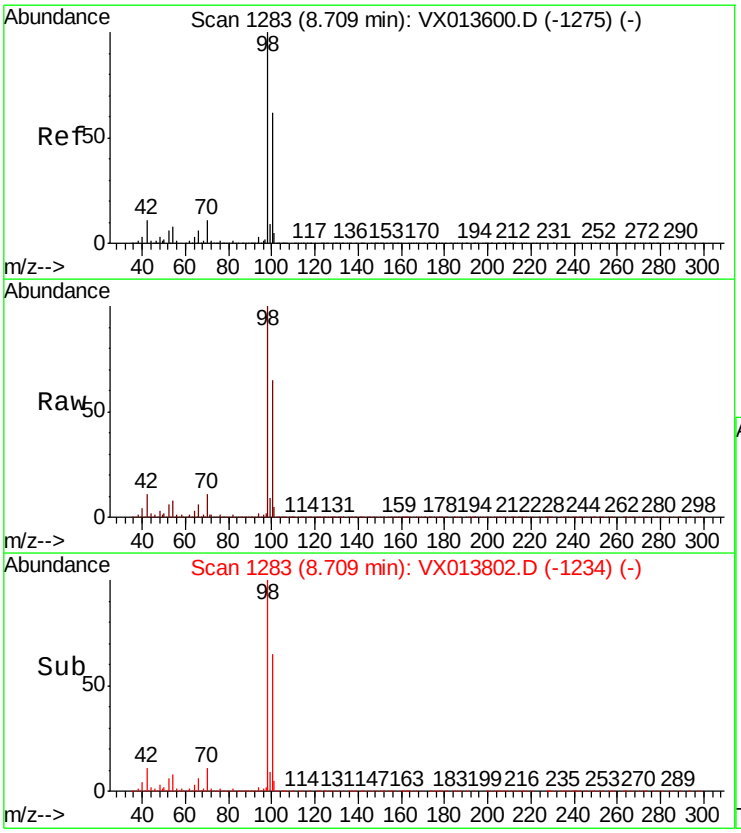
#49
1,4-Dioxane
Concen: 12.630 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion: 88 Resp: 2246

Ion	Ratio	Lower	Upper
88	100		
43	85.9	25.8	38.6#
58	35.3	54.6	82.0#

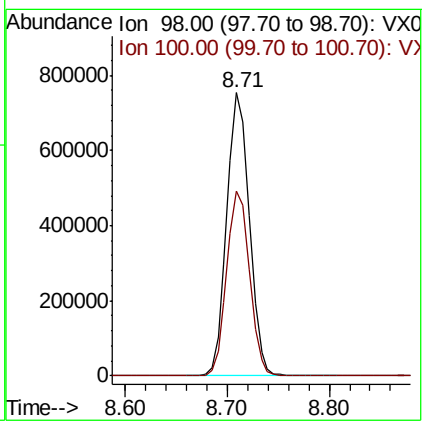


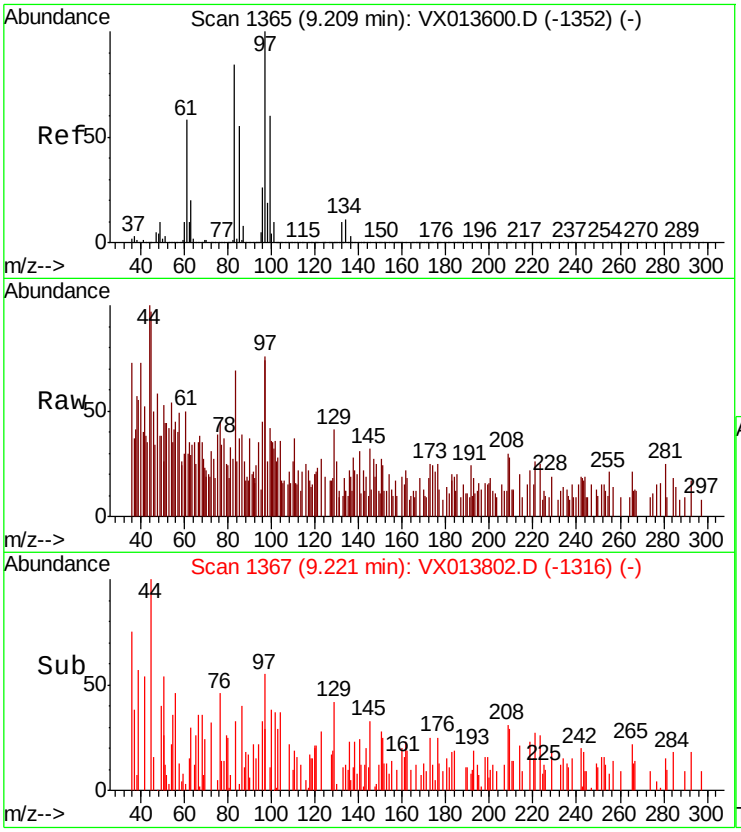


#50
Toluene-d8
Concen: 49.106 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 98 Resp: 1153592

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7



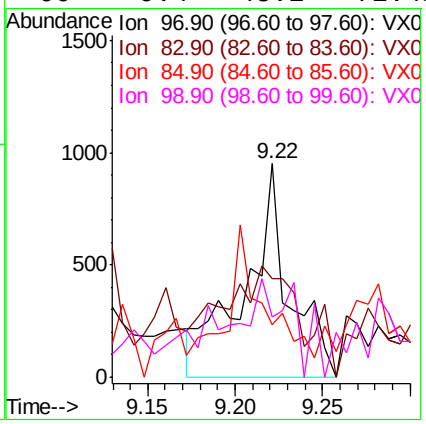


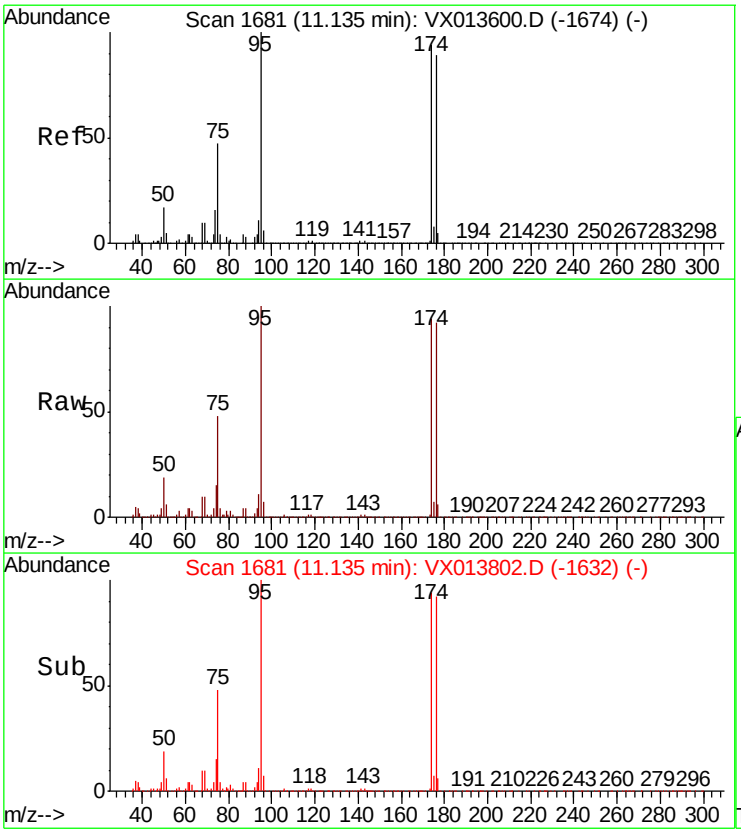
#55
1,1,2-Trichloroethane
Concen: 0.249 ug/l
RT: 9.22 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument : MSVOA_X
ClientSampleId : RE109D3-20191204

Tgt Ion: 97 Resp: 1681

Ion	Ratio	Lower	Upper
97	100		
83	33.2	67.3	100.9#
85	18.2	43.6	65.4#
99	9.4	48.2	72.4#

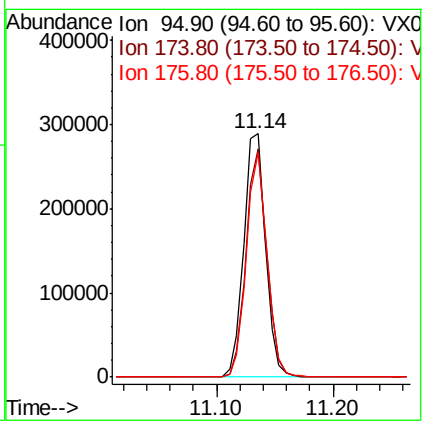


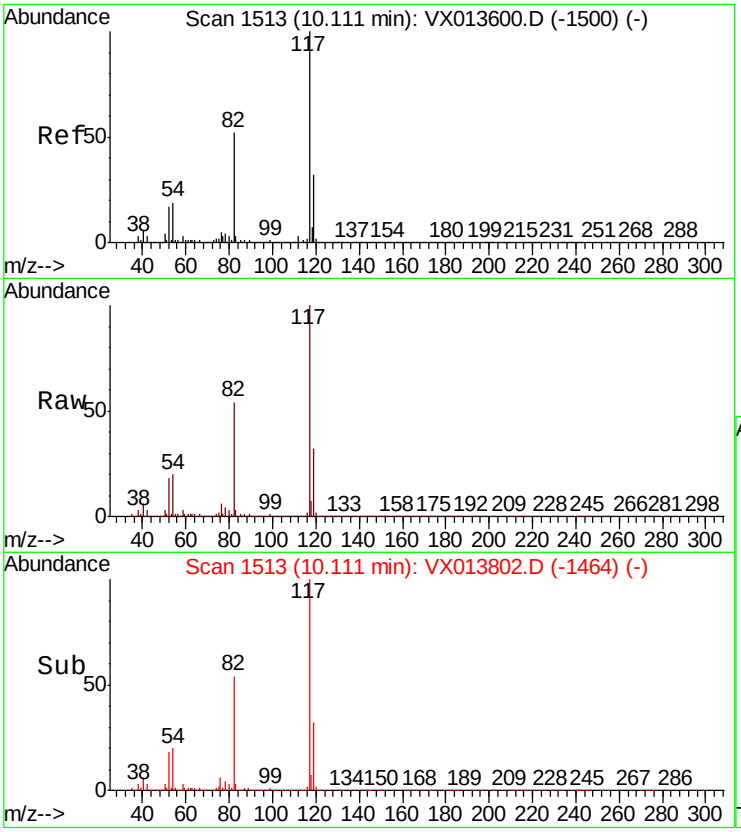


#62
4-Bromofluorobenzene
Concen: 45.057 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 95 Resp: 381691

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	180.0
176	87.6	0.0	173.6



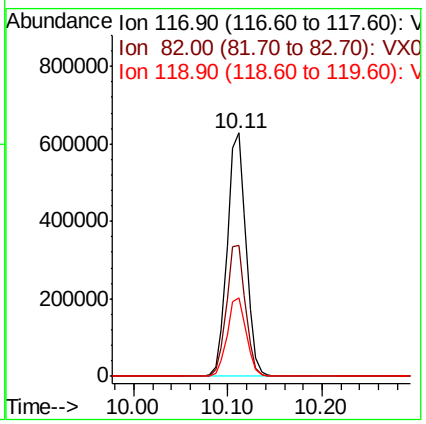


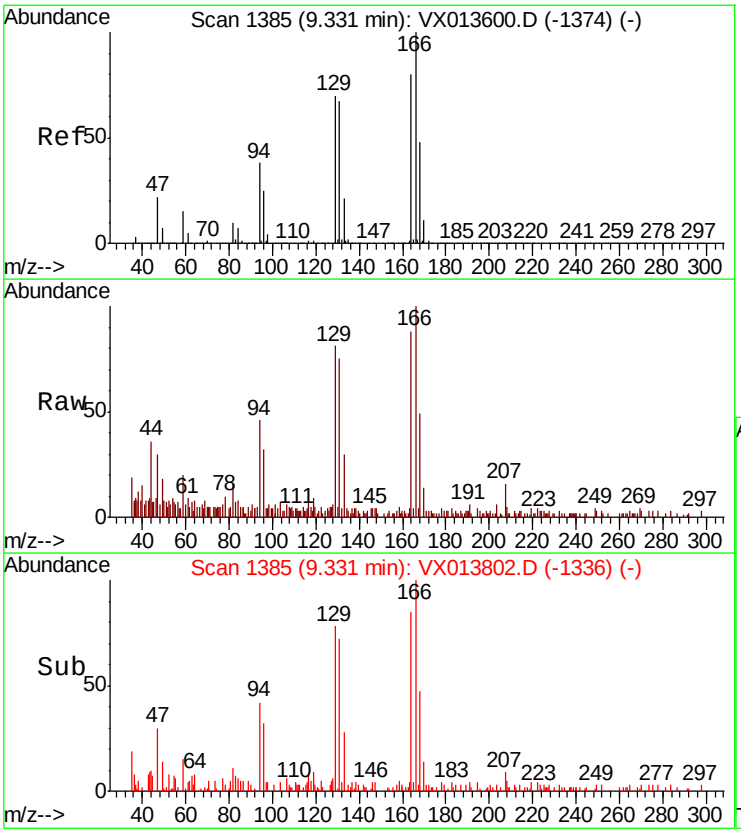
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument : MSVOA_X
ClientSampleId : RE109D3-20191204

Tgt Ion:117 Resp: 869082

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.8	62.8
119	32.5	25.8	38.8

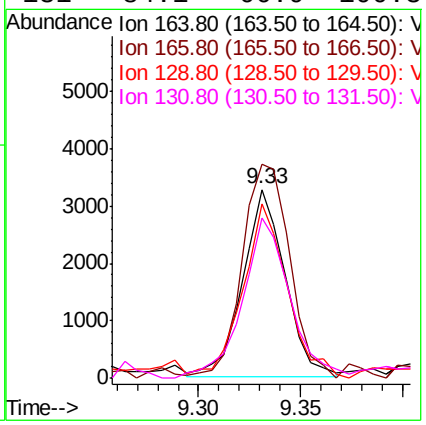


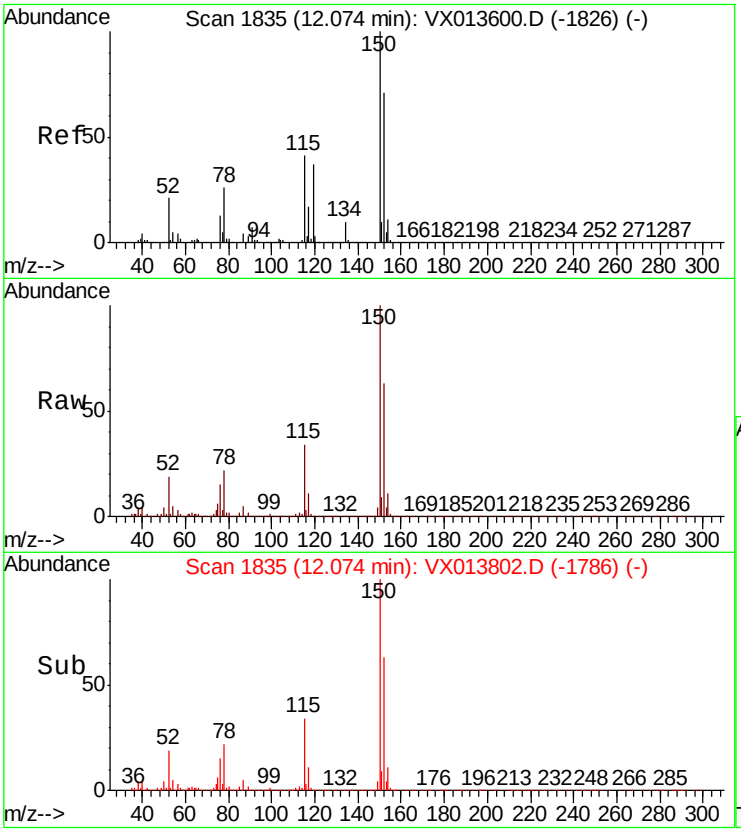


#64
Tetrachloroethene
Concen: 0.725 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion:164 Resp: 4696

Ion	Ratio	Lower	Upper
164	100		
166	114.6	99.7	149.5
129	92.4	70.1	105.1
131	84.1	66.9	100.3



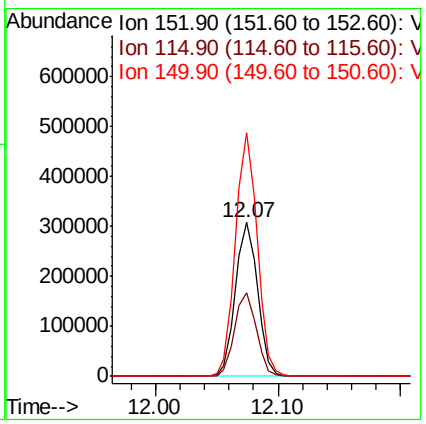


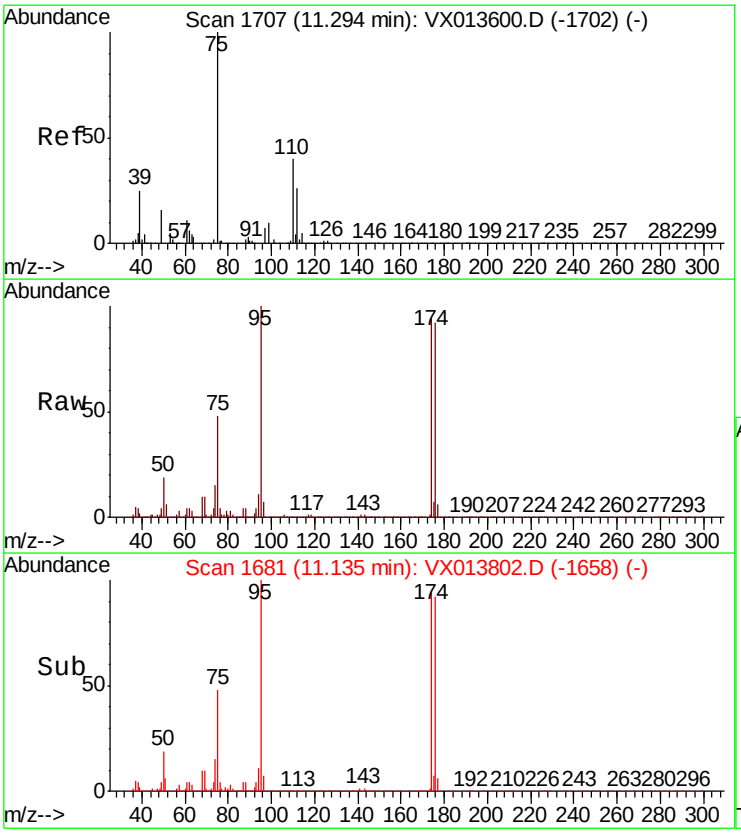
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion:152 Resp: 382660

Ion	Ratio	Lower	Upper
152	100		
115	53.8	38.4	115.1
150	155.4	0.0	346.8

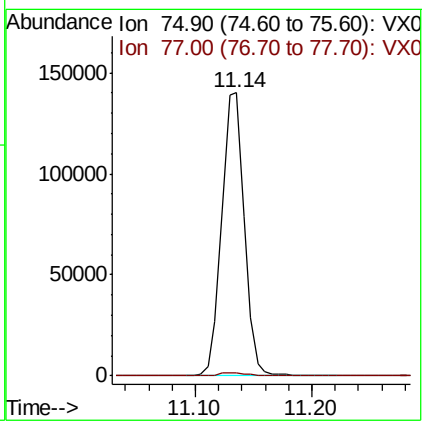


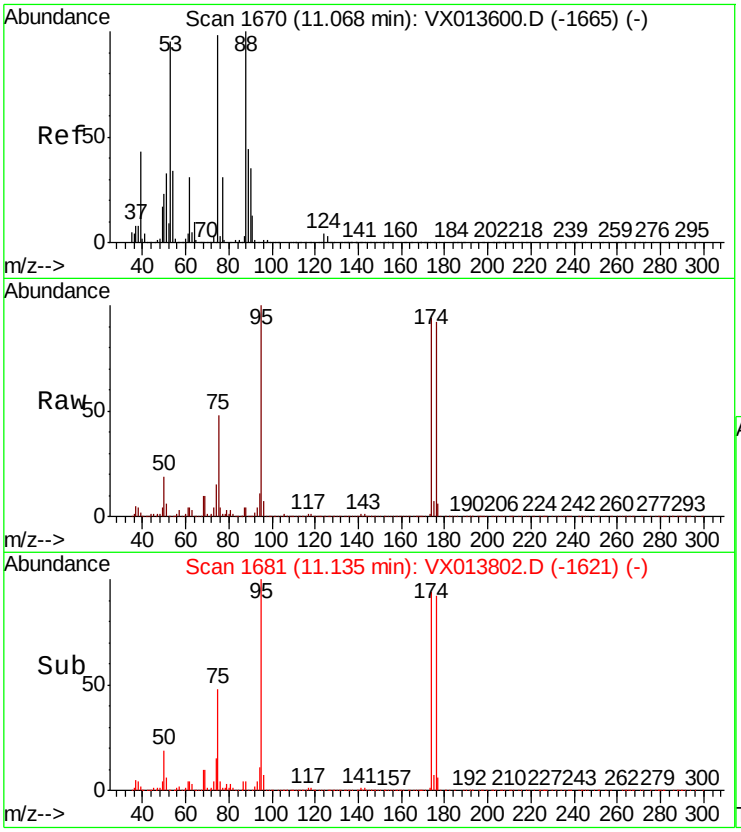


#76
1,2,3-Trichloropropane
Concen: 21.902 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Tgt Ion: 75 Resp: 188506

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.921 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013802.D
Acq: 06 Dec 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20191204

Tgt Ion: 75 Resp: 188506

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