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

Quantitation Report (Not Reviewed)

Data File : VX013919.D
Acq On : 11 Dec 2019 00:10
Operator : JC/SP
Sample : K6185-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE131D1-20191205DL

Quant Time: Dec 11 02:35:27 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	552926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	833970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	309194	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
35) Dibromofluoromethane	5.49	113	254525	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.74%			
50) Toluene-d8	8.71	98	990462	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.62%			
62) 4-Bromofluorobenzene	11.14	95	328057	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.58%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	2834	0.543	ug/l #	65
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4234	0.803	ug/l	90
10) Methyl Iodide	2.51	142	2987	0.468	ug/l #	79
11) Tert butyl alcohol	3.00	59	5165	3.260	ug/l #	86
13) Acrolein	2.30	56	721	6.668	ug/l #	15
15) Acrylonitrile	3.14	53	954	0.292	ug/l #	32
16) Acetone	2.44	43	9221	2.910	ug/l	95
17) Carbon Disulfide	2.56	76	3755	0.250	ug/l #	61
20) Methylene Chloride	2.84	84	3885	0.638	ug/l #	80
25) 2-Butanone	4.68	43	2164	0.460	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	7382	1.121	ug/l	86
29) Tetrahydrofuran	5.14	42	1340	0.462	ug/l #	69
30) Chloroform	5.20	83	4037	0.396	ug/l #	83
36) 1,1-Dichloropropene	5.65	75	37108	4.902	ug/l #	51
38) Carbon Tetrachloride	5.65	117	47893	6.861	ug/l #	16
44) Trichloroethene	7.21	130	236965	37.448	ug/l	92
49) 1,4-Dioxane	7.75	88	1165	7.661	ug/l #	36
64) Tetrachloroethene	9.33	164	15203	2.720	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	158060	22.734	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	158060	62.196	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.64	180	2154	0.306	ug/l	80
94) Hexachlorobutadiene	13.78	225	1098	0.325	ug/l	94
96) 1,2,3-Trichlorobenzene	14.02	180	1988	0.286	ug/l	93

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

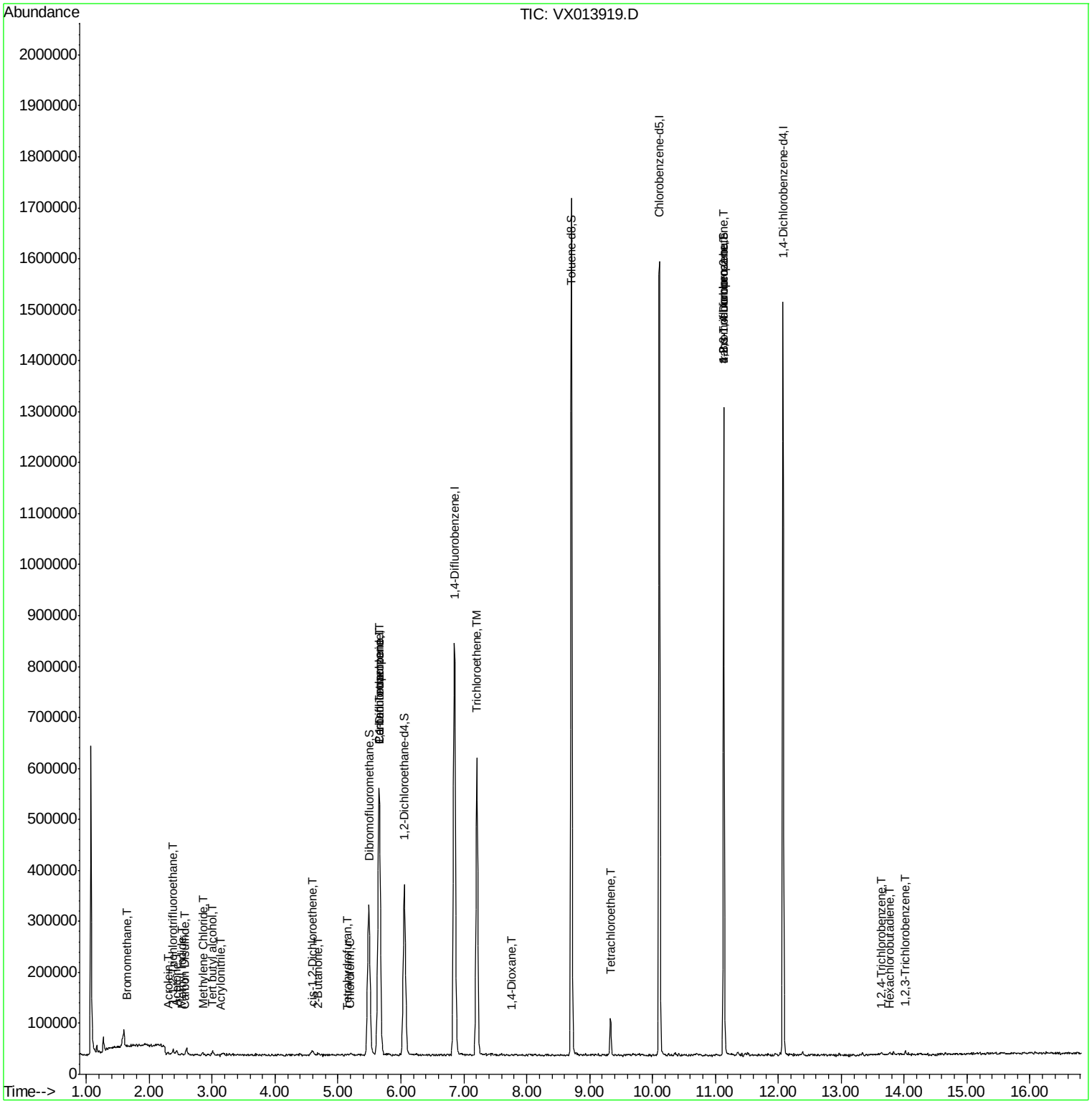
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

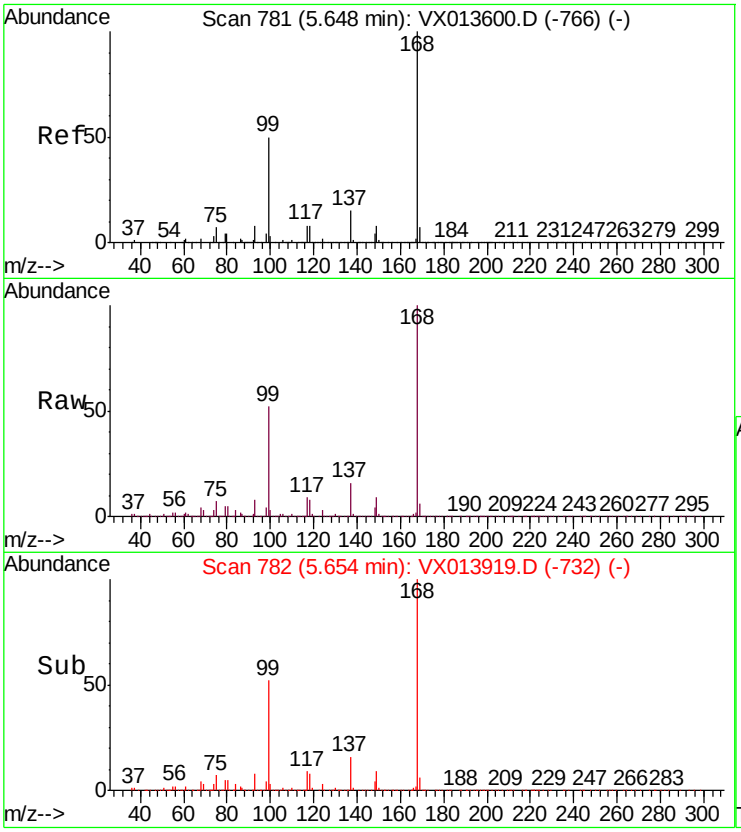
Quantitation Report (Not Reviewed)

Data File : VX013919.D
Acq On : 11 Dec 2019 00:10
Operator : JC/SP
Sample : K6185-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Quant Time: Dec 11 02:35:27 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



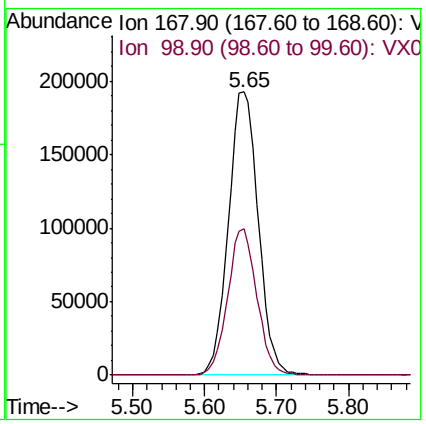


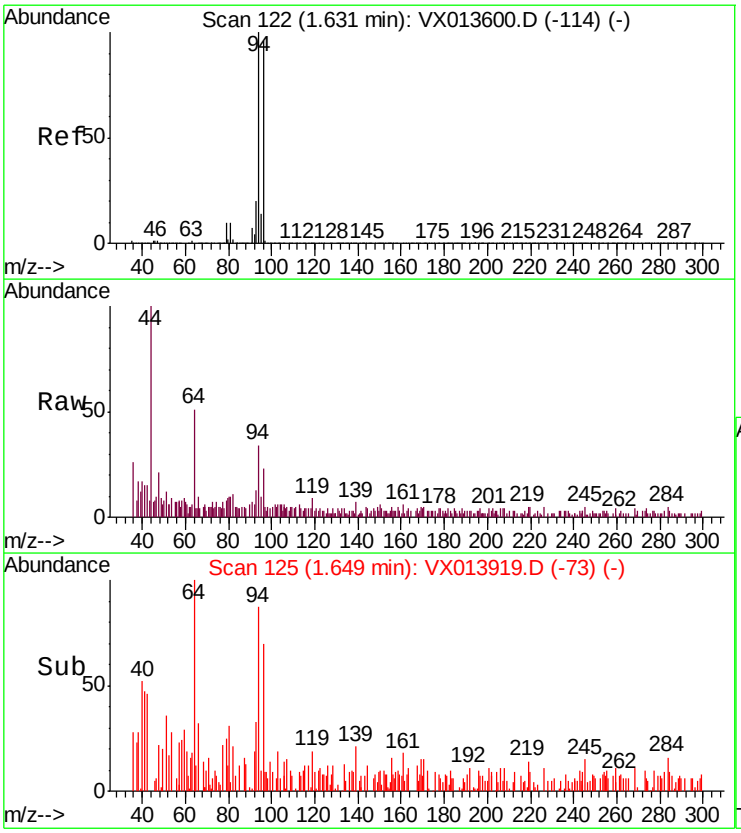
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion:168 Resp: 552926

Ion	Ratio	Lower	Upper
168	100		
99	51.7	39.8	59.8

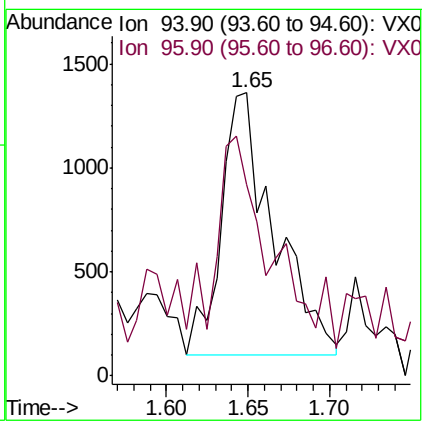


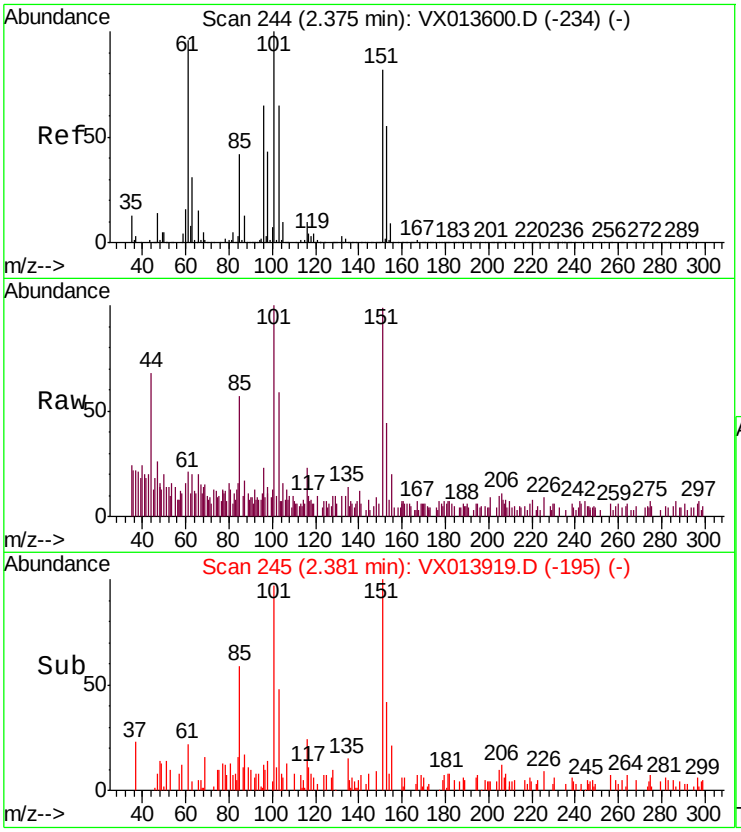


#5
Bromomethane
Concen: 0.543 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 94 Resp: 2834

Ion	Ratio	Lower	Upper
94	100		
96	62.3	77.0	115.4#



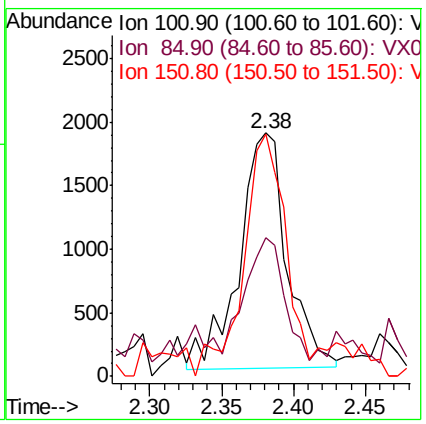


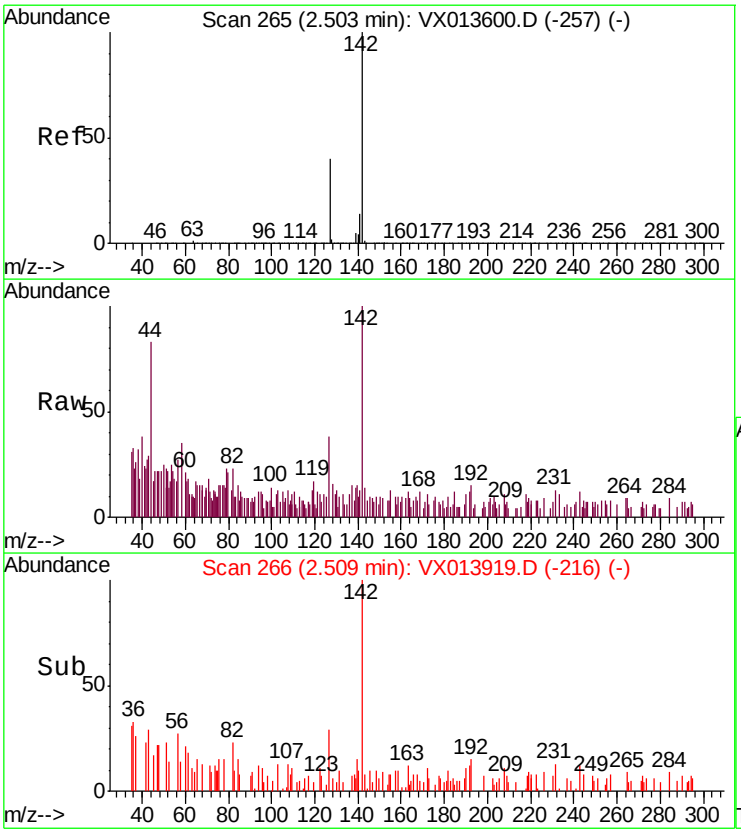
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.803 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion:101 Resp: 4234

Ion	Ratio	Lower	Upper
101	100		
85	42.9	33.9	50.9
151	94.0	64.2	96.2

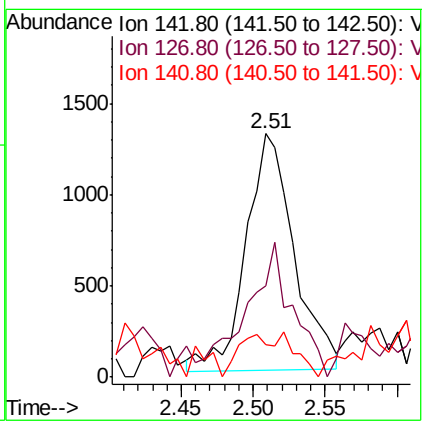


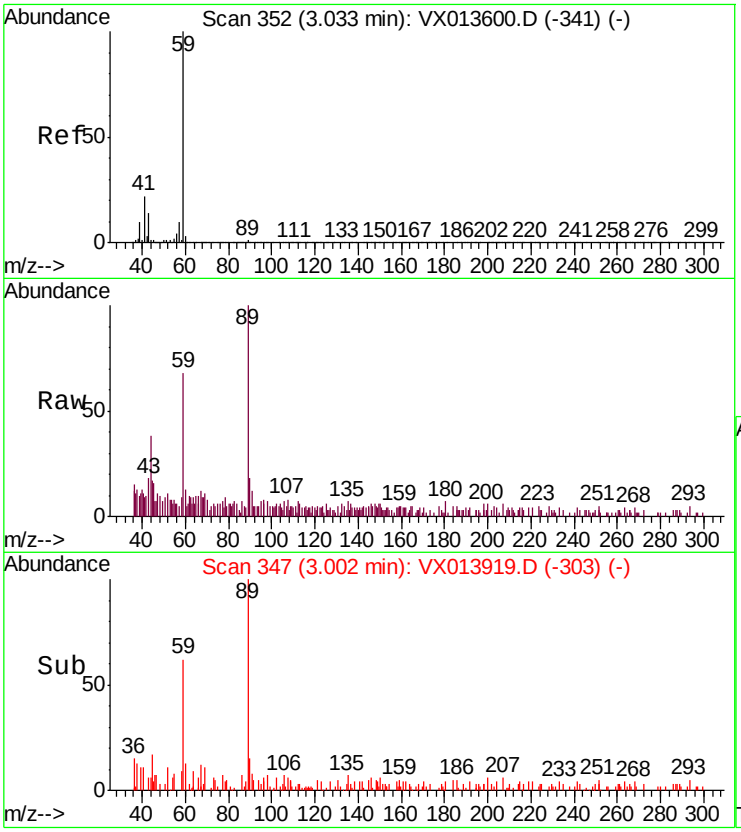


#10
Methyl Iodide
Concen: 0.468 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion:142 Resp: 2987

Ion	Ratio	Lower	Upper
142	100		
127	55.4	31.0	46.4#
141	13.0	11.6	17.4



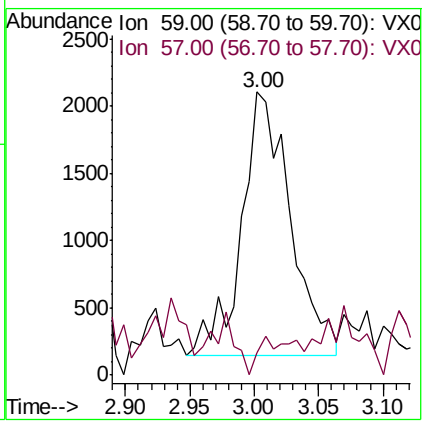


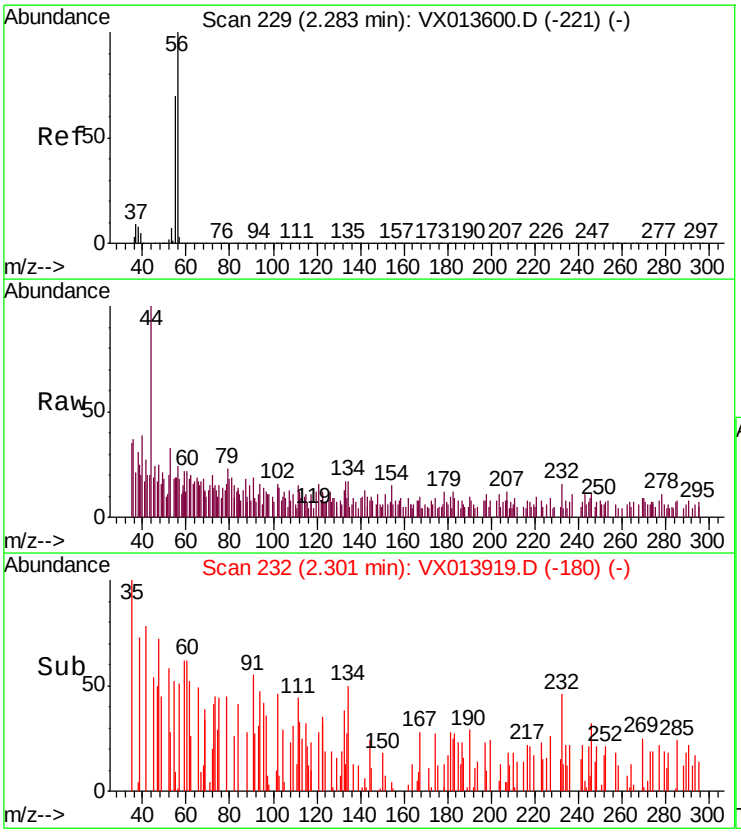
#11
Tert butyl alcohol
Concen: 3.260 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.03 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 59 Resp: 5165

Ion	Ratio	Lower	Upper
59	100		
57	4.6	7.8	11.6#

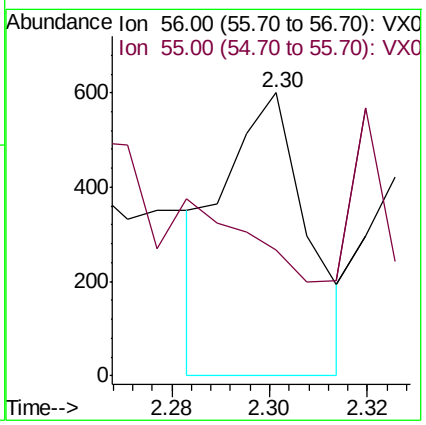


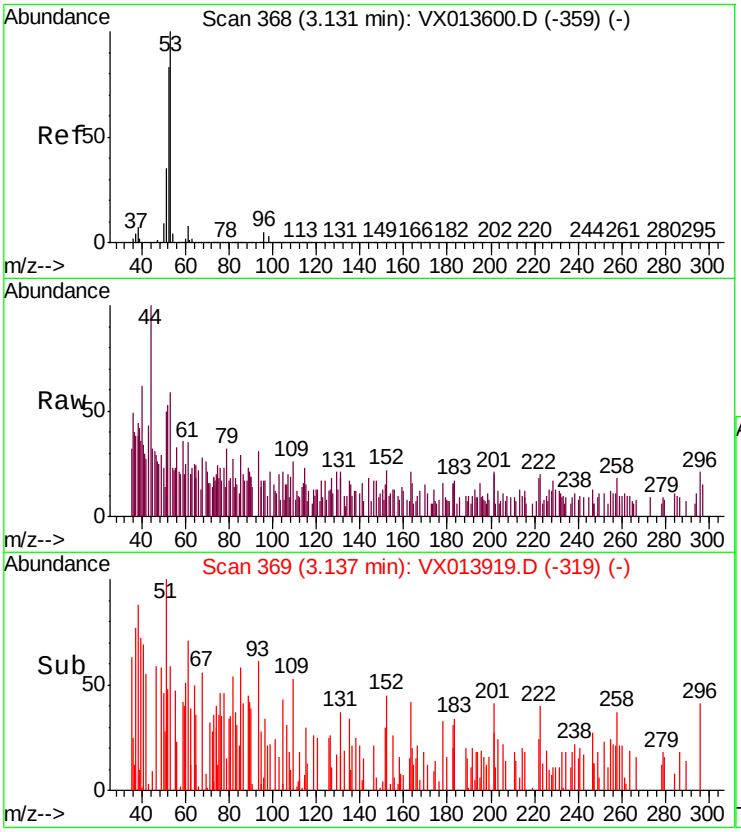


#13
Acrolein
Concen: 6.668 ug/l
RT: 2.30 min Scan# 232
Delta R.T. 0.02 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 56 Resp: 721

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



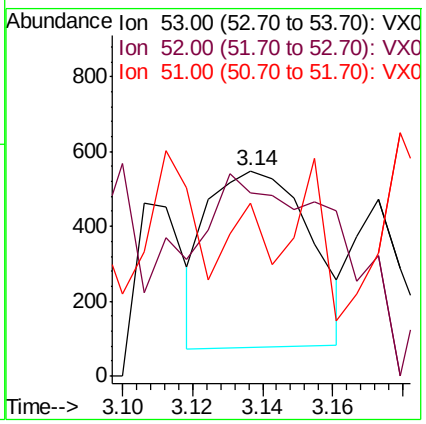


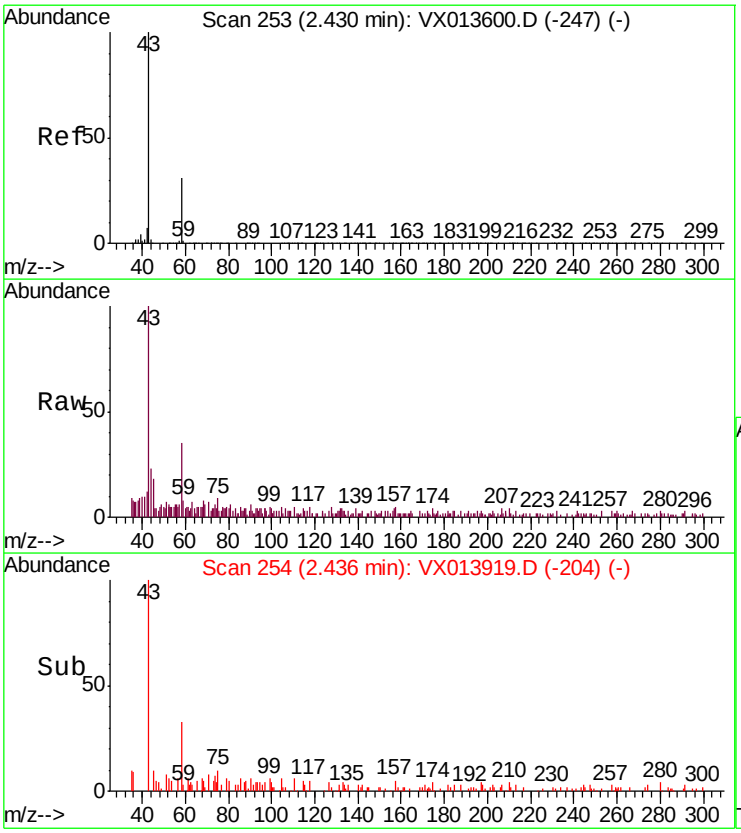
#15
Acrylonitrile
Concen: 0.292 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 53 Resp: 954

Ion	Ratio	Lower	Upper
53	100		
52	146.9	66.2	99.2#
51	0.0	29.0	43.6#

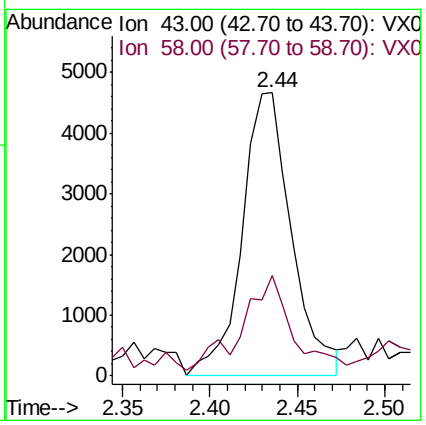


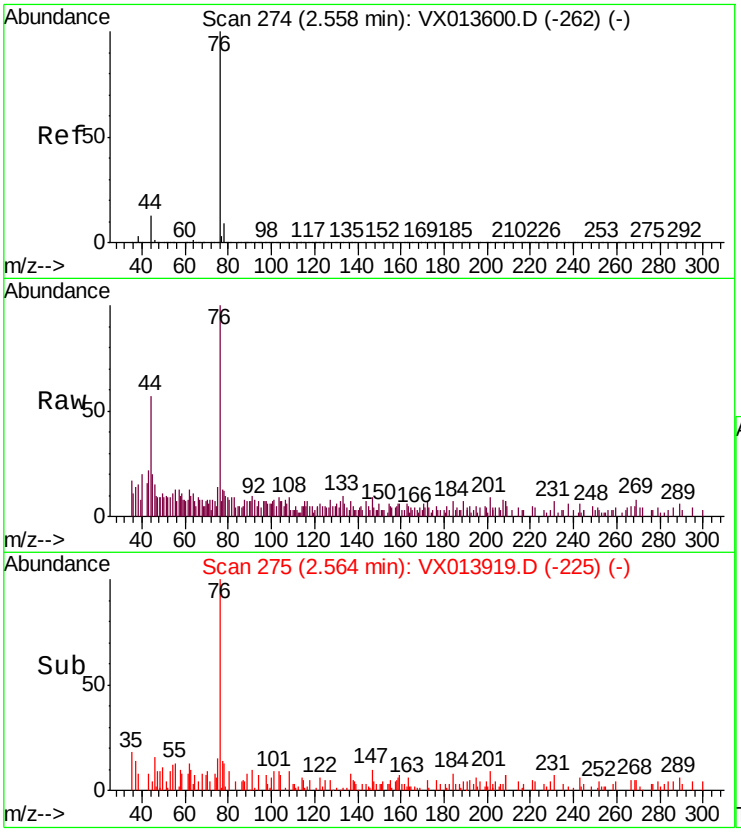


#16
Acetone
Concen: 2.910 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 43 Resp: 9221

Ion	Ratio	Lower	Upper
43	100		
58	33.6	24.6	36.8



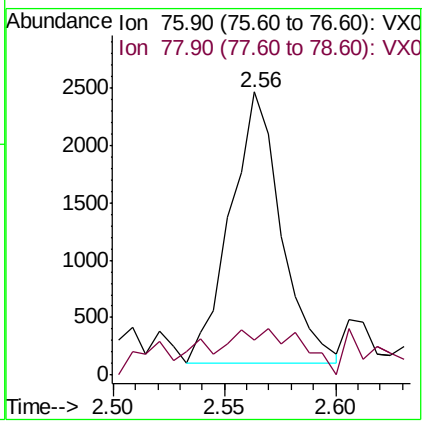


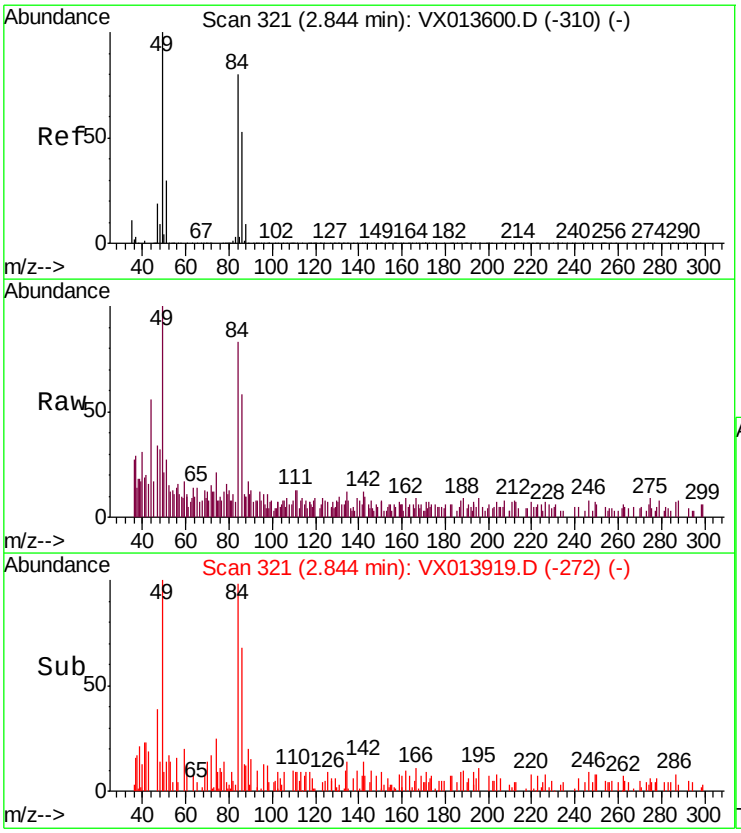
#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 76 Resp: 3755

Ion	Ratio	Lower	Upper
76	100		
78	23.1	7.2	10.8#

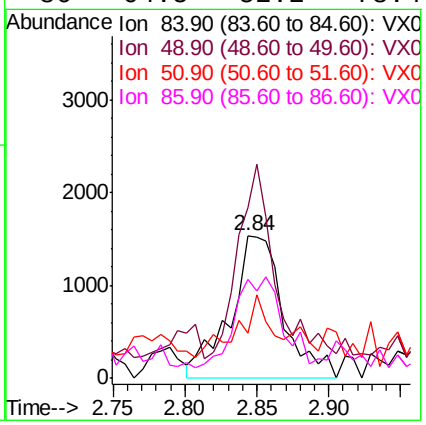


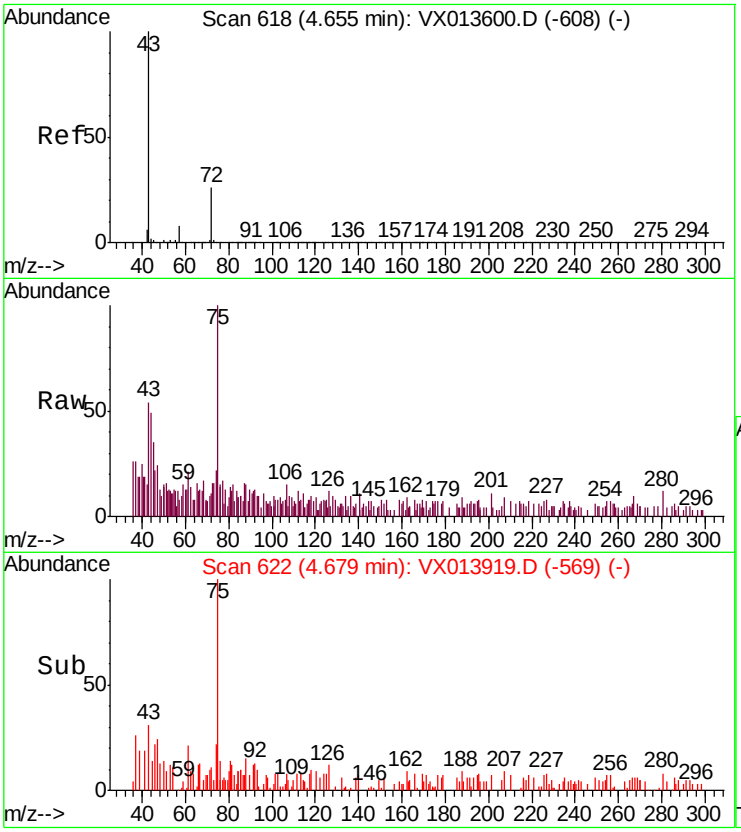


#20
Methylene Chloride
Concen: 0.638 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 84 Resp: 3885

Ion	Ratio	Lower	Upper
84	100		
49	97.4	99.7	149.5#
51	14.0	29.9	44.9#
86	64.5	52.2	78.4



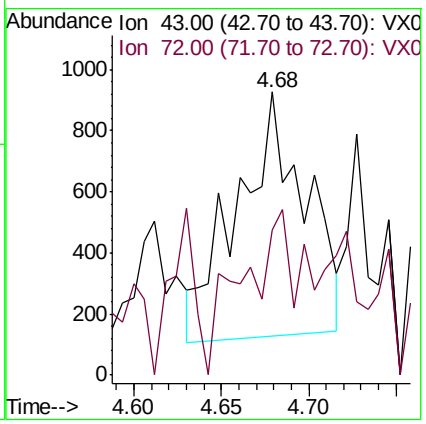


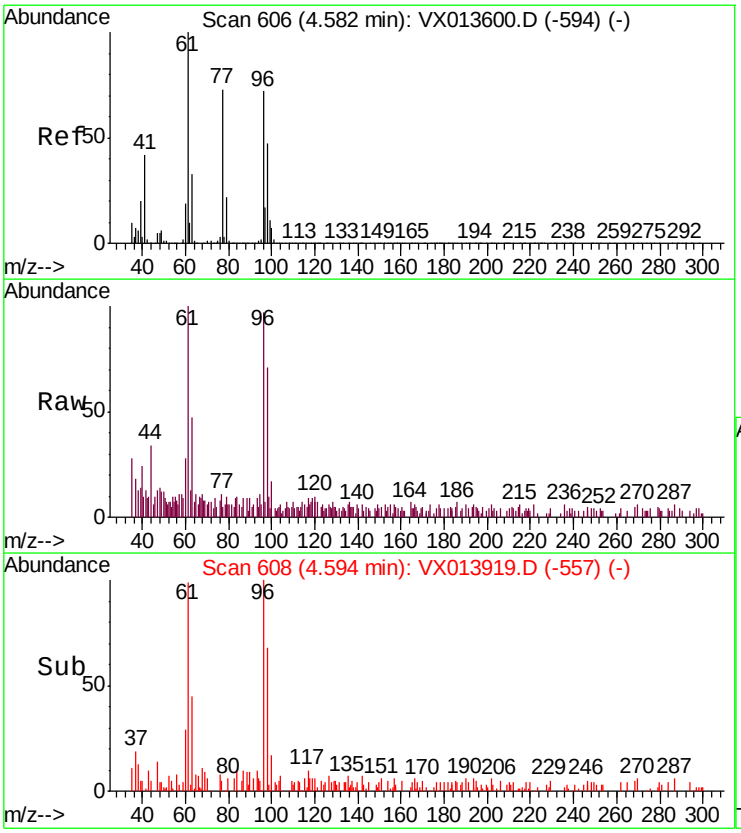
#25
2-Butanone
Concen: 0.460 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 43 Resp: 2164

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	31.0#

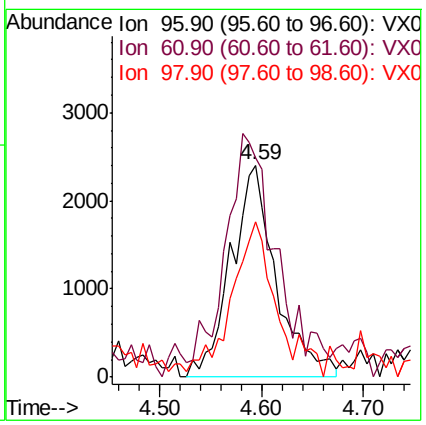


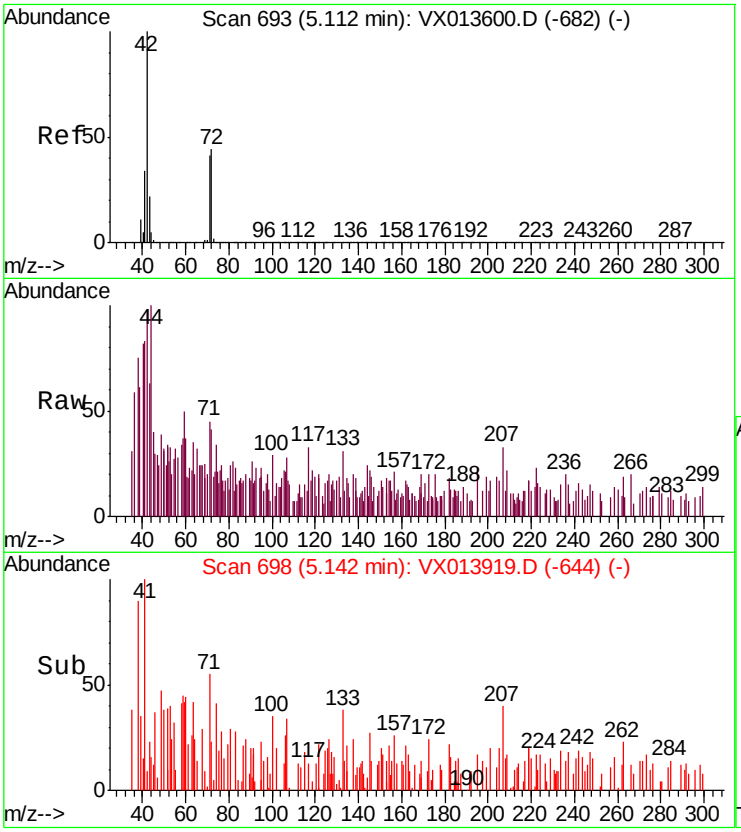


#27
cis-1,2-Dichloroethene
Concen: 1.121 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 96 Resp: 7382

Ion	Ratio	Lower	Upper
96	100		
61	120.9	0.0	286.4
98	60.6	0.0	127.4



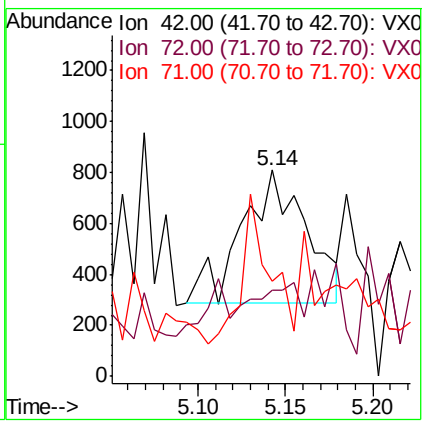


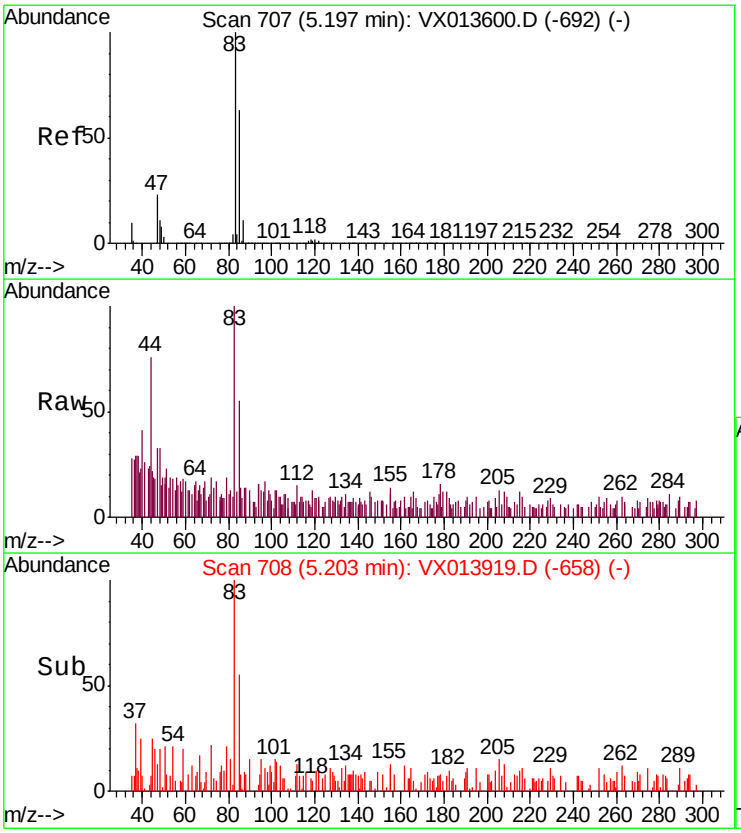
#29
Tetrahydrofuran
Concen: 0.462 ug/l
RT: 5.14 min Scan# 698
Delta R.T. 0.03 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 42 Resp: 1340

Ion	Ratio	Lower	Upper
42	100		
72	28.9	36.3	54.5#
71	17.7	33.2	49.8#

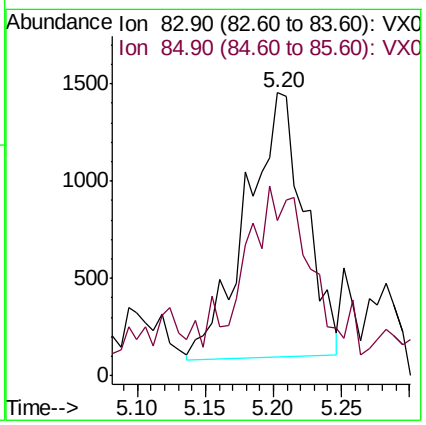


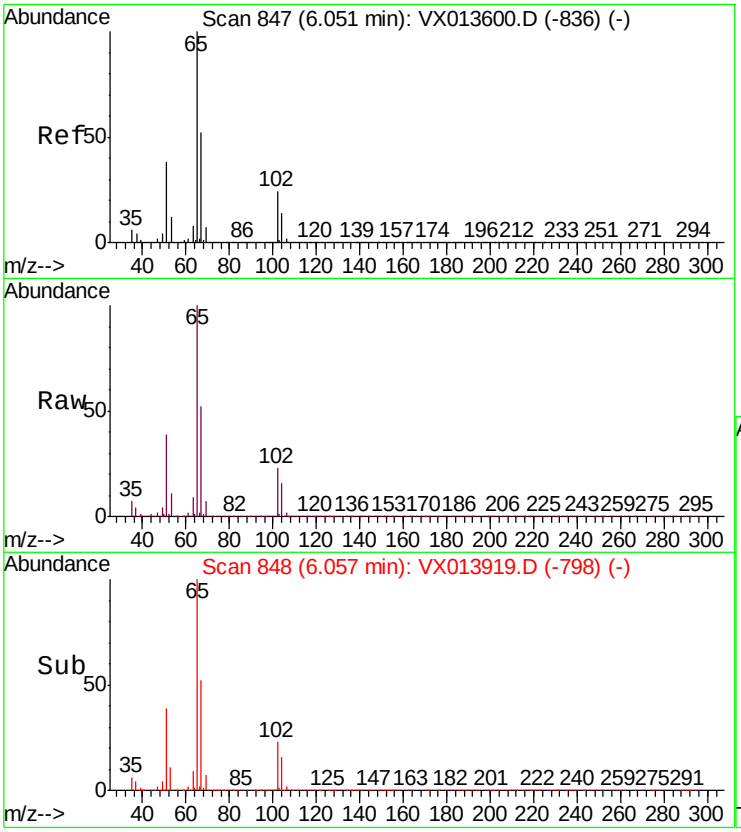


#30
Chloroform
Concen: 0.396 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 83 Resp: 4037

Ion	Ratio	Lower	Upper
83	100		
85	49.3	50.2	75.4#



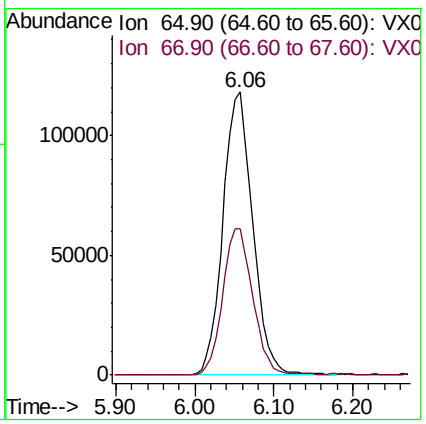


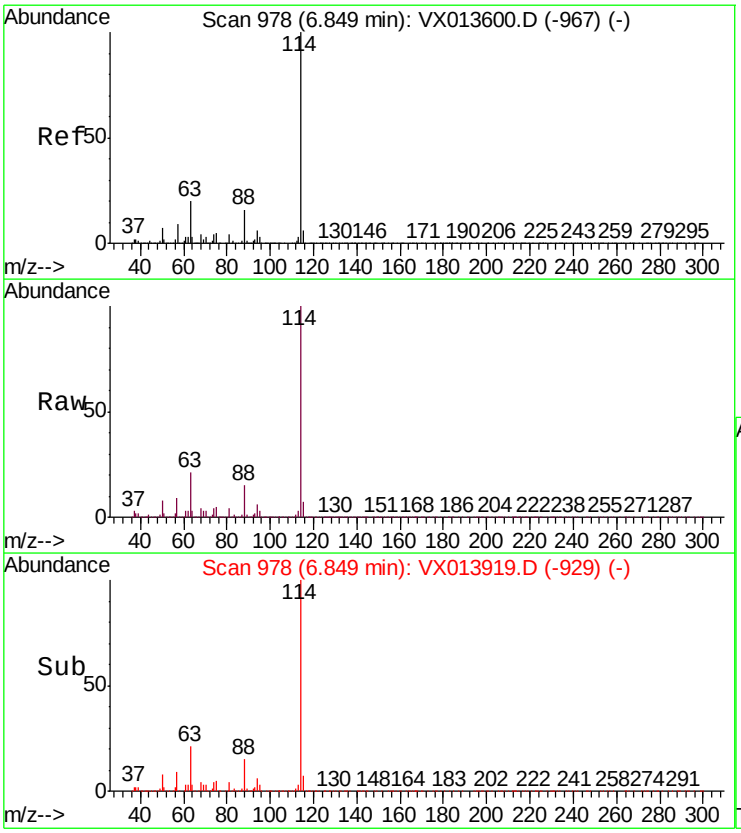
#33
1,2-Dichloroethane-d4
Concen: 48.174 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 65 Resp: 309194

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.4

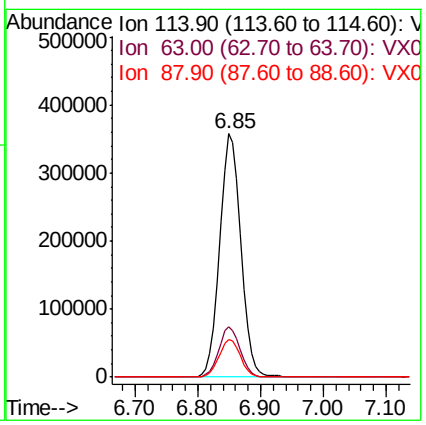


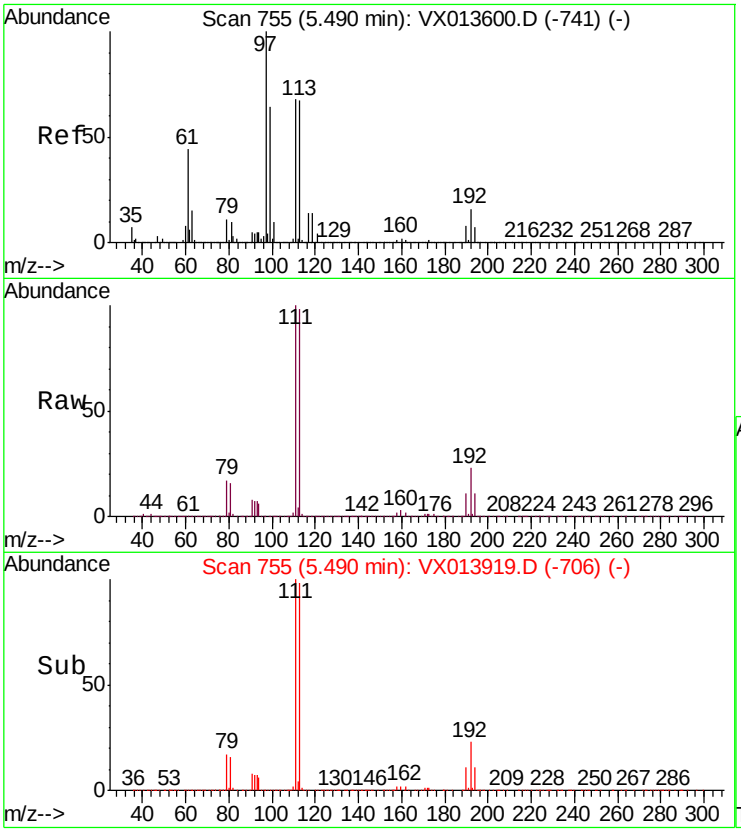


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion:114 Resp: 833970

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.6
88	15.5	0.0	31.4



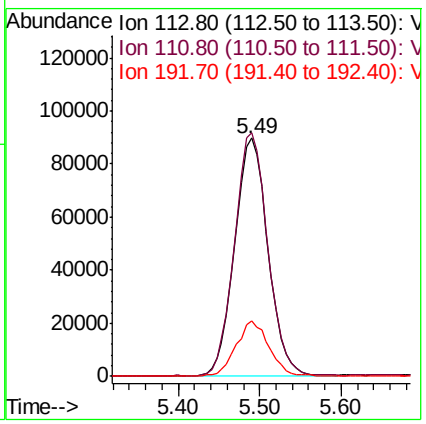


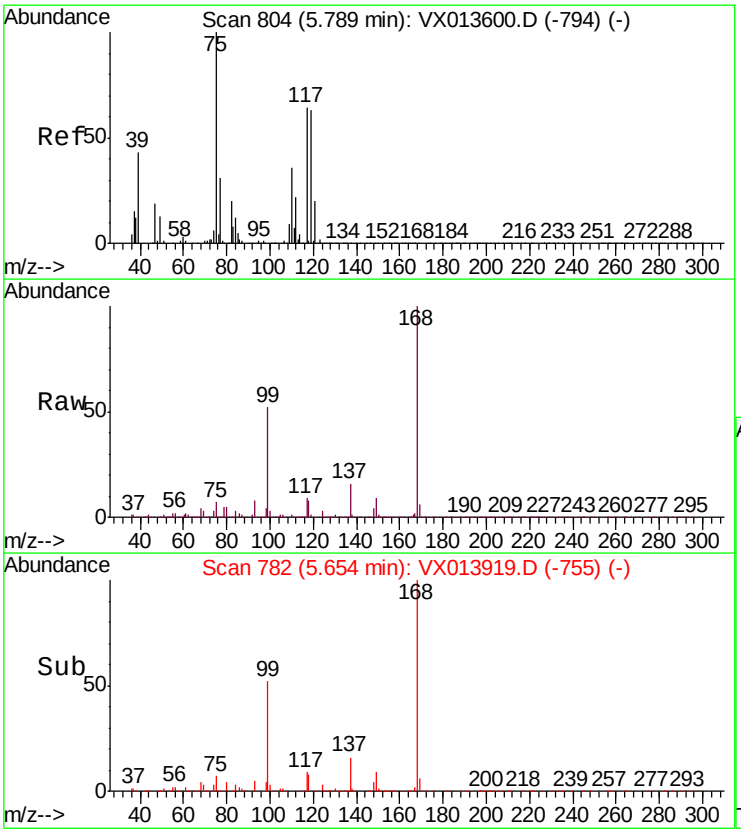
#35
Dibromofluoromethane
Concen: 49.368 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion:113 Resp: 254525

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.6	125.4
192	23.2	19.2	28.8

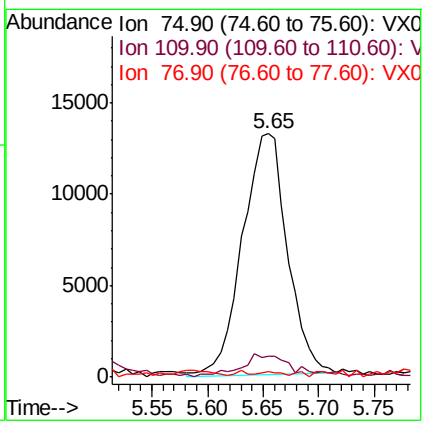


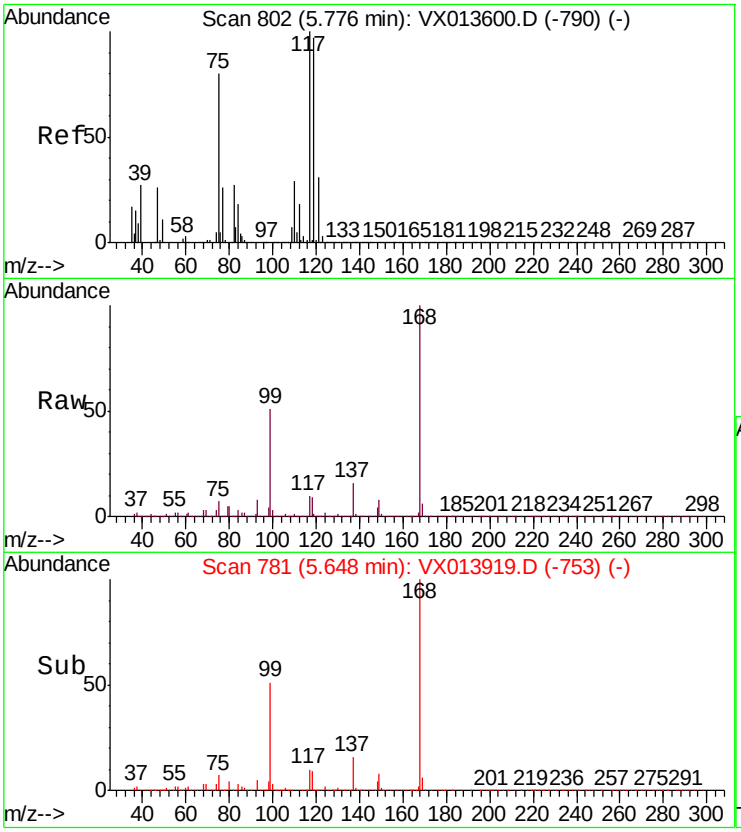


#36
1,1-Dichloropropene
Concen: 4.902 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 75 Resp: 37108

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.1#
77	0.5	24.5	36.7#



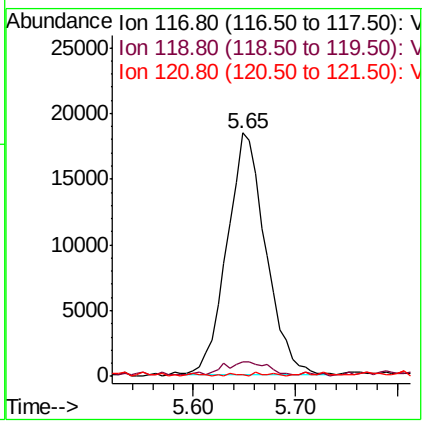


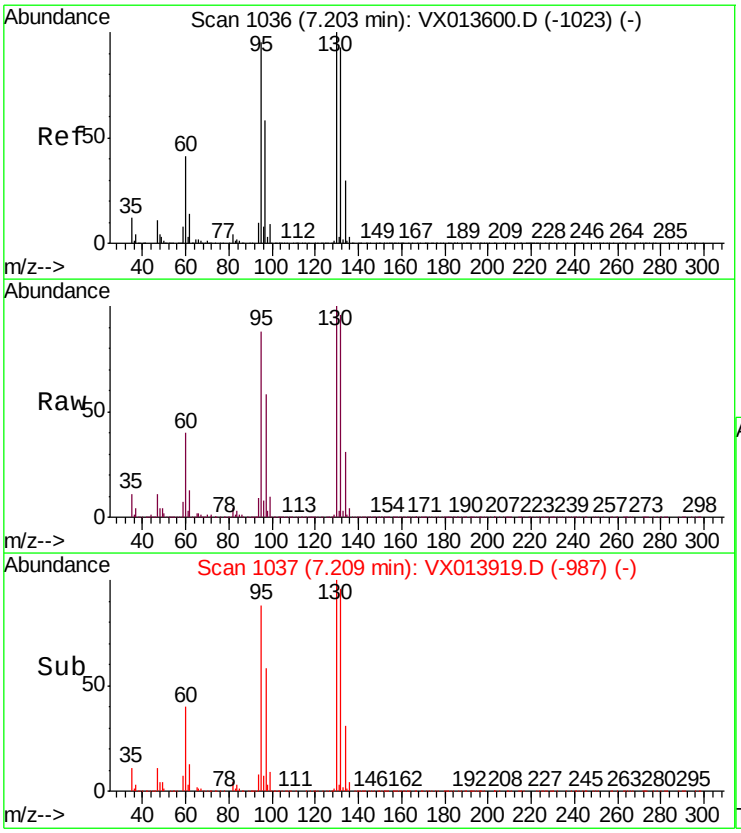
#38
Carbon Tetrachloride
Concen: 6.861 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion:117 Resp: 47893

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.5	116.3#
121	0.8	25.0	37.6#

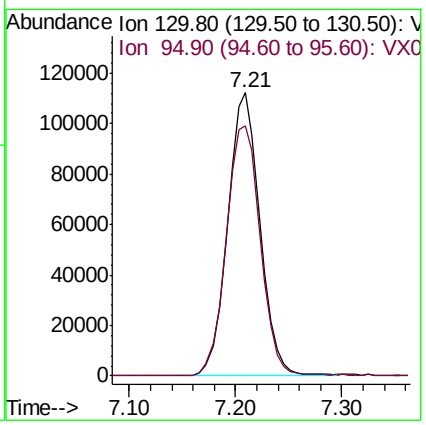


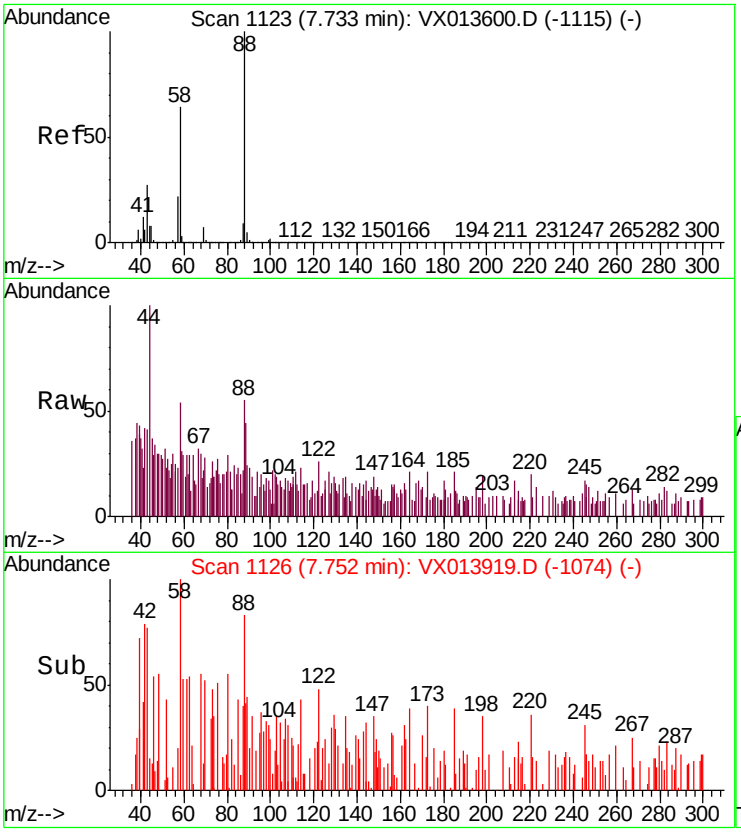


#44
Trichloroethene
Concen: 37.448 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion:130 Resp: 236965

Ion	Ratio	Lower	Upper
130	100		
95	88.0	0.0	190.8



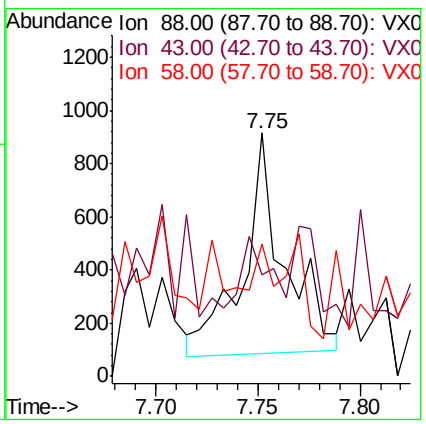


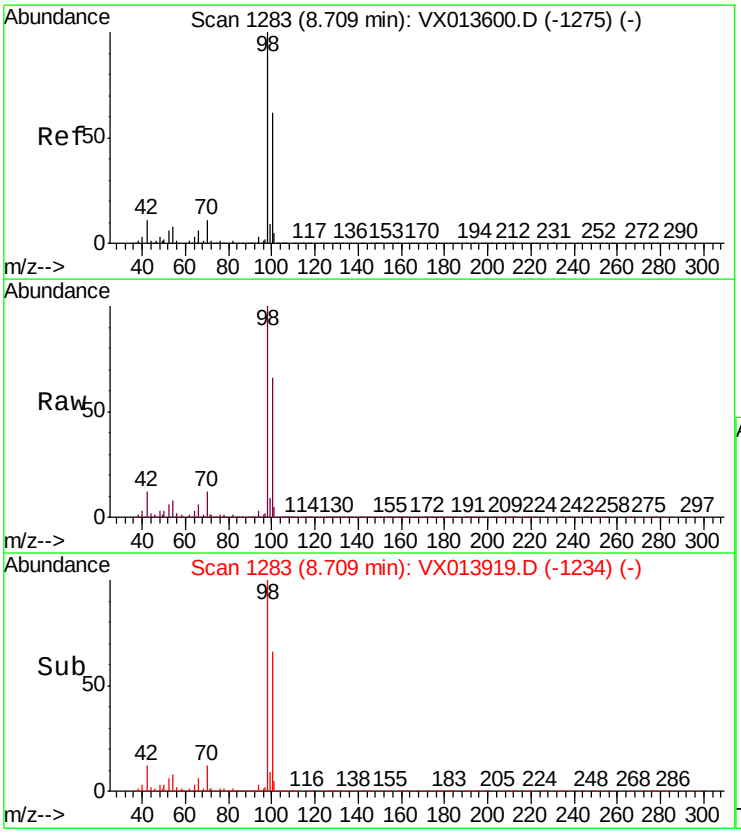
#49
1,4-Dioxane
Concen: 7.661 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 88 Resp: 1165

Ion	Ratio	Lower	Upper
88	100		
43	20.1	25.8	38.6#
58	0.0	54.6	82.0#

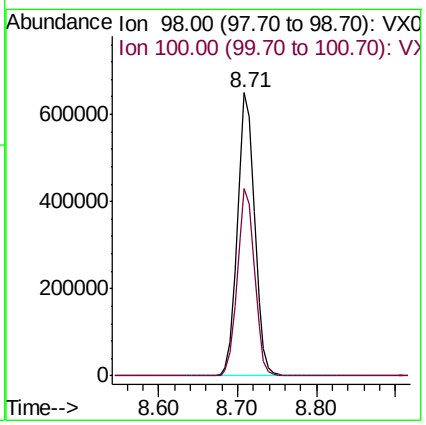


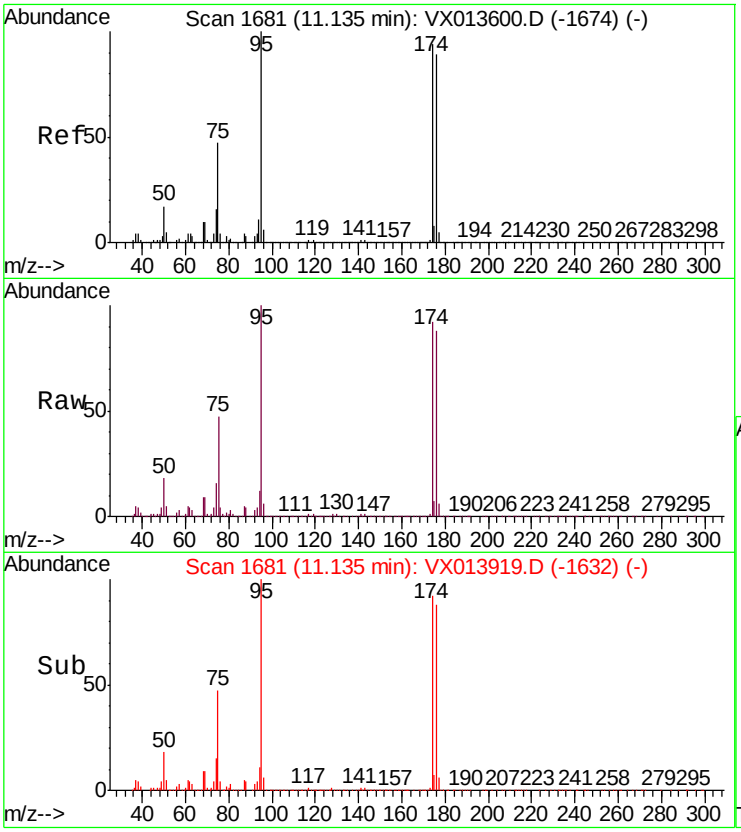


#50
Toluene-d8
Concen: 49.308 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 98 Resp: 990462

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7



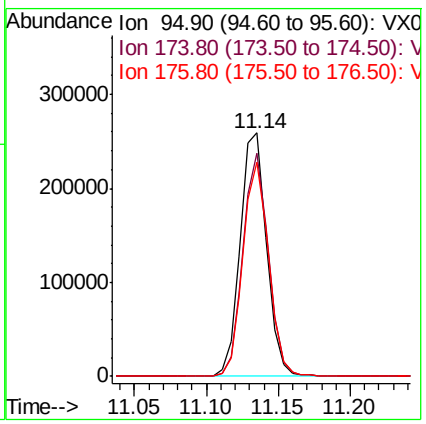


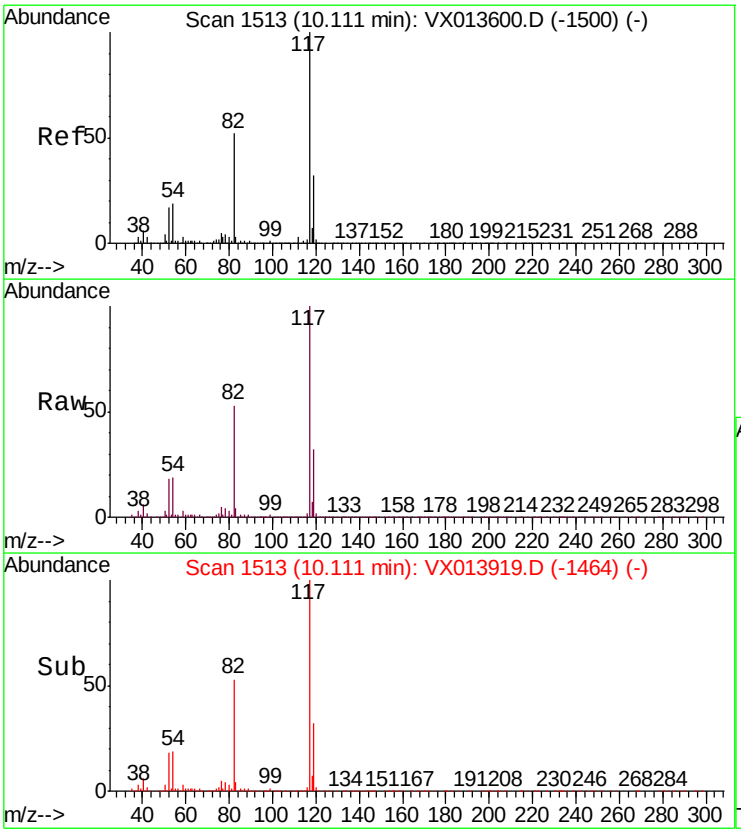
#62
4-Bromofluorobenzene
Concen: 45.290 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 95 Resp: 328057

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	180.0
176	85.9	0.0	173.6

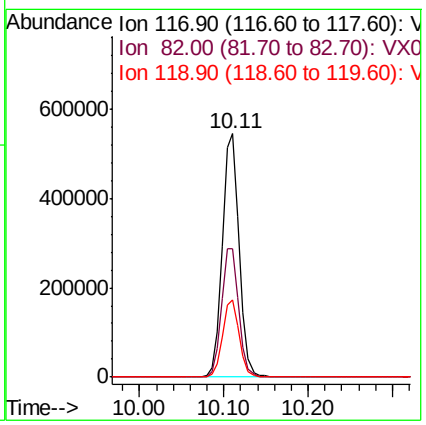


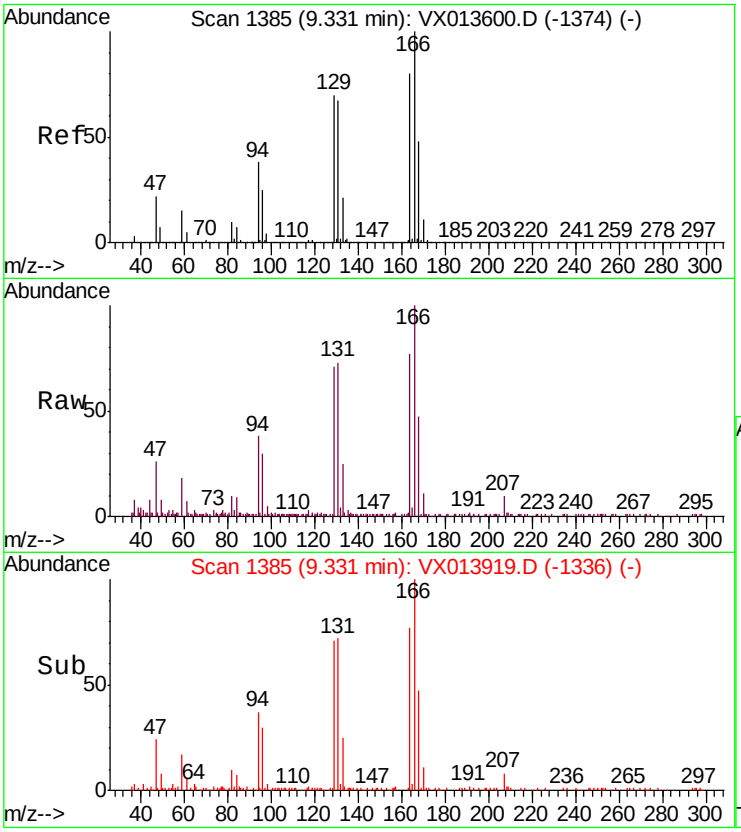


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion:117 Resp: 749589

Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.8
119	31.7	25.8	38.8



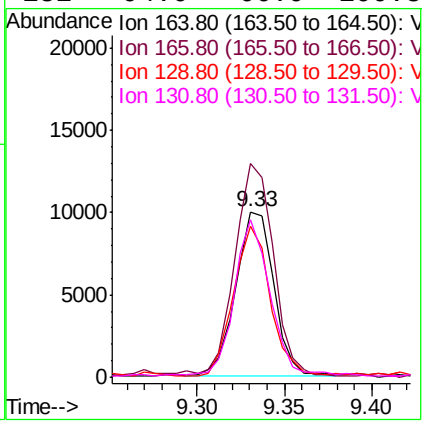


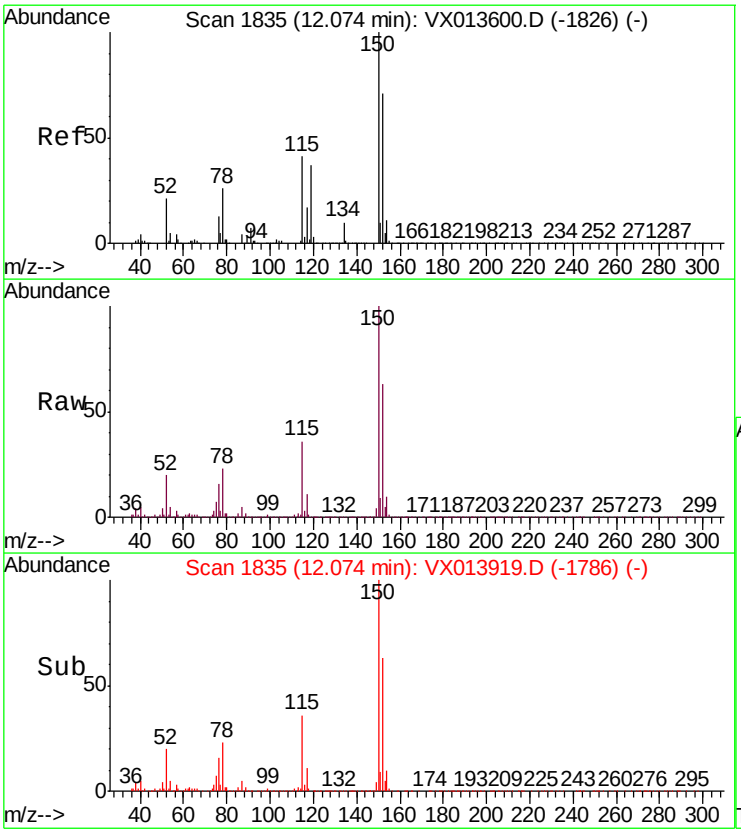
#64
Tetrachloroethene
Concen: 2.720 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion:164 Resp: 15203

Ion	Ratio	Lower	Upper
164	100		
166	129.0	99.7	149.5
129	91.7	70.1	105.1
131	94.0	66.9	100.3

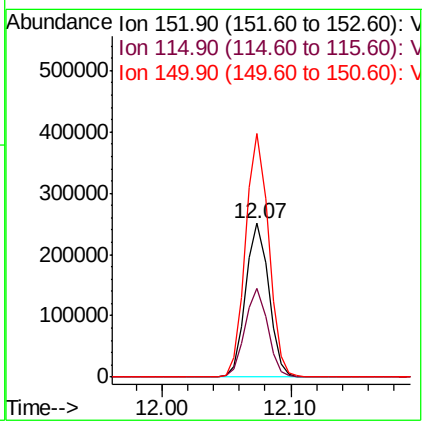


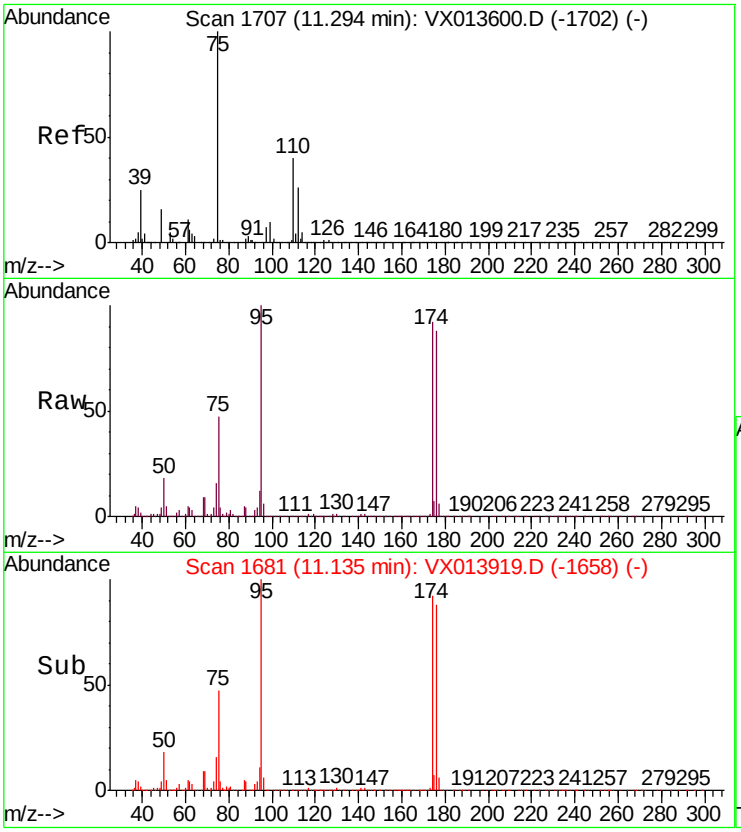


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion:152 Resp: 309117

Ion	Ratio	Lower	Upper
152	100		
115	56.5	38.4	115.1
150	157.6	0.0	346.8



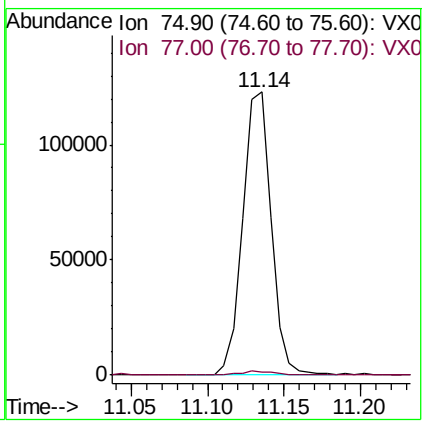


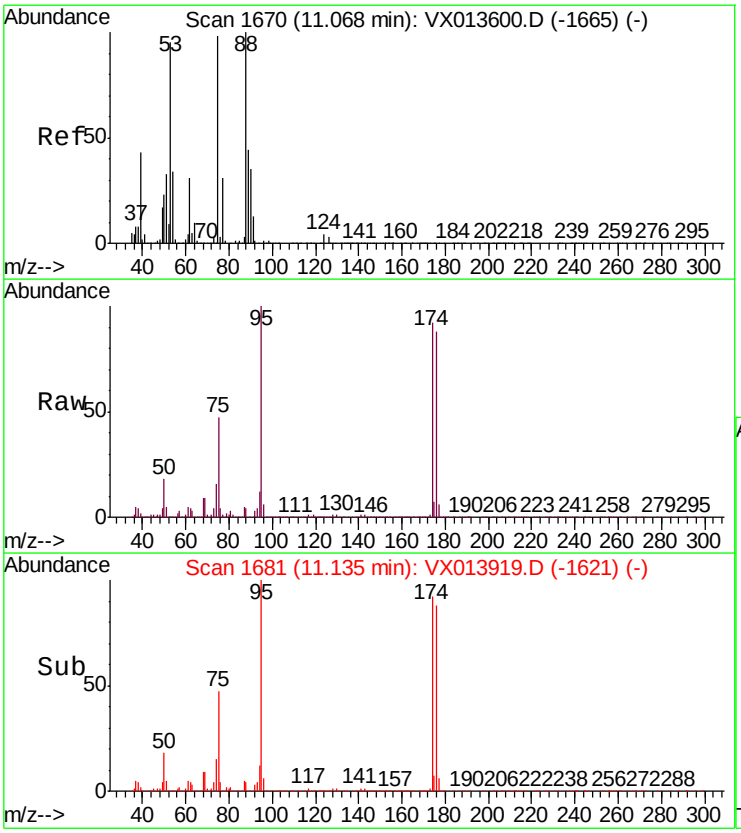
#76
1,2,3-Trichloropropane
Concen: 22.734 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion: 75 Resp: 158060

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#

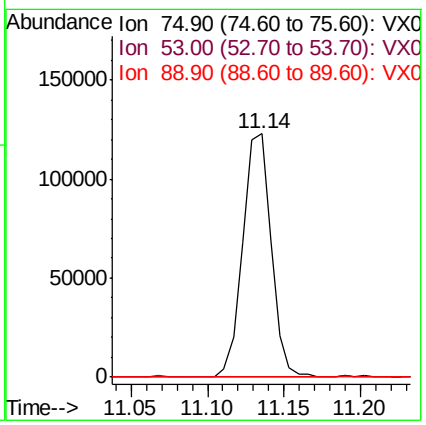


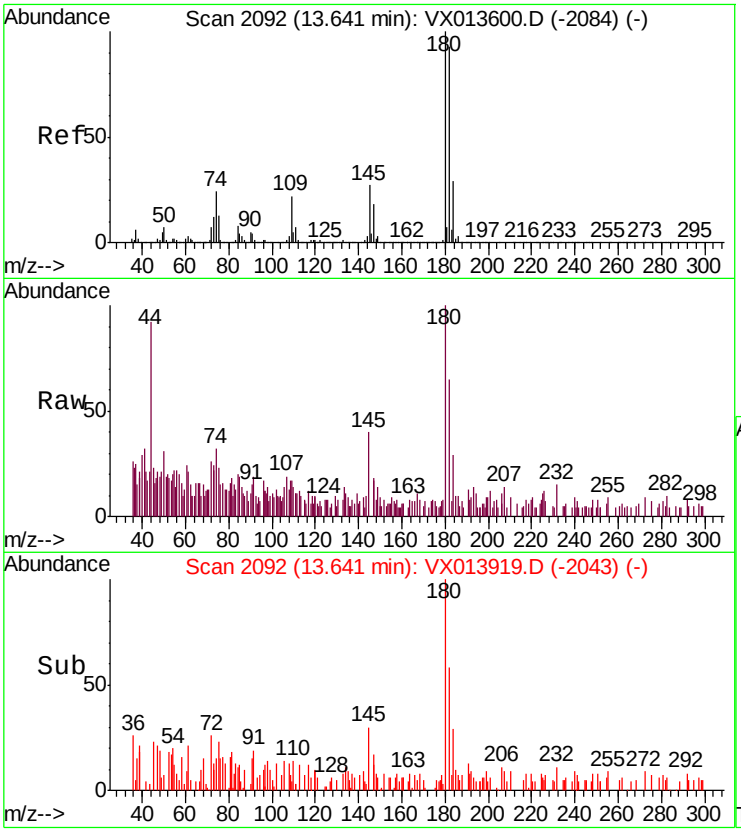


#81
trans-1,4-Dichloro-2-butene
Concen: 62.196 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion: 75 Resp: 158060

Ion	Ratio	Lower	Upper
75	100		
53	0.4	78.2	117.2#
89	0.1	35.4	53.2#



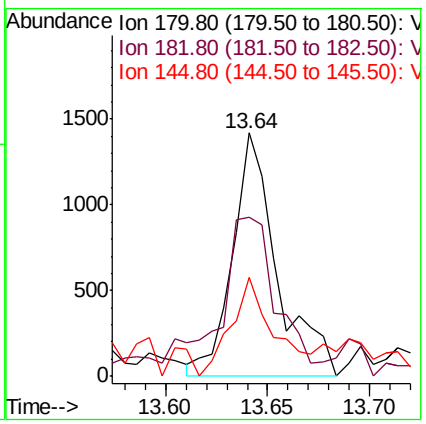


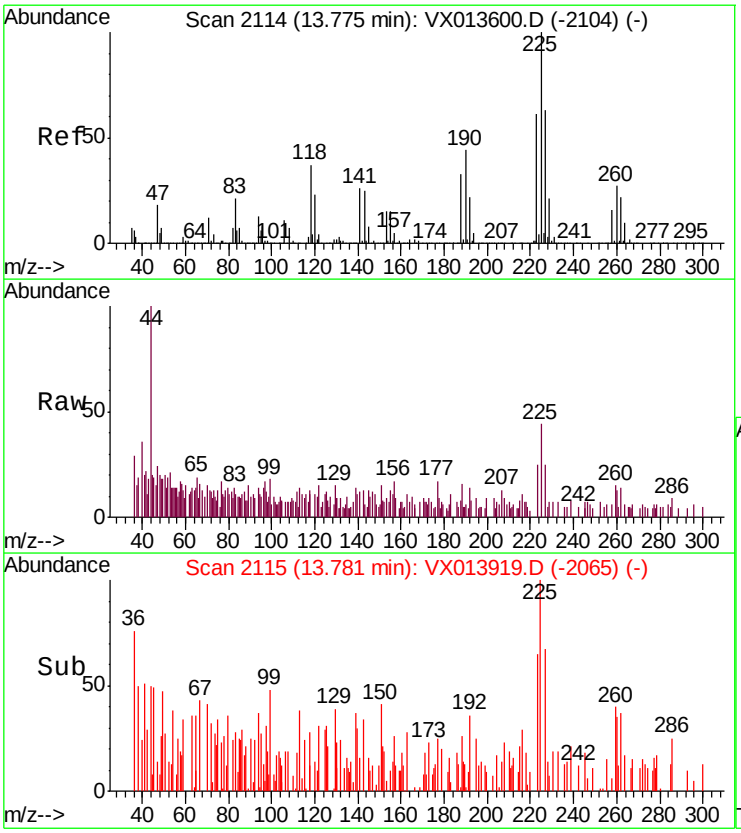
#93
1,2,4-Trichlorobenzene
Concen: 0.306 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion:180 Resp: 2154

Ion	Ratio	Lower	Upper
180	100		
182	75.7	47.2	141.6
145	39.5	13.8	41.4

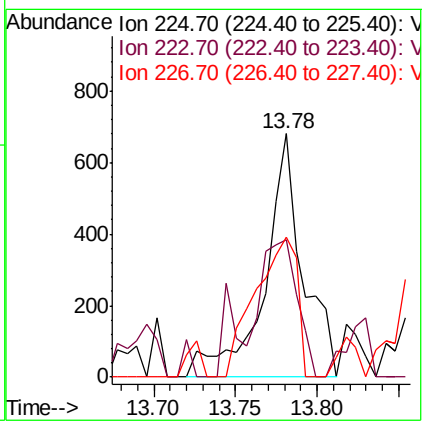


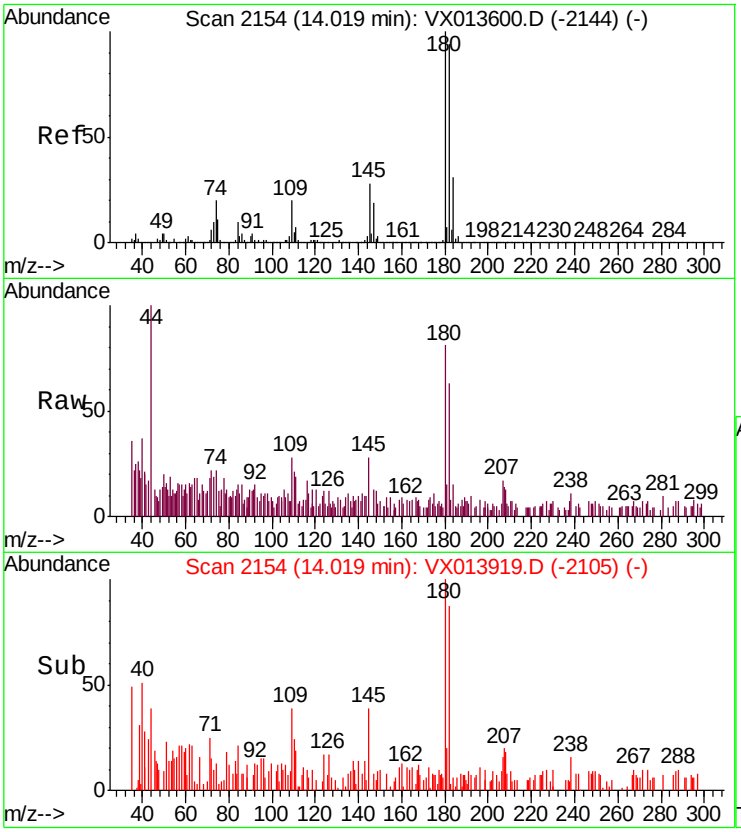


#94
Hexachlorobutadiene
Concen: 0.325 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion:225 Resp: 1098

Ion	Ratio	Lower	Upper
225	100		
223	54.5	31.9	95.5
227	63.9	32.1	96.3





#96
1,2,3-Trichlorobenzene
Concen: 0.286 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tgt Ion:180 Resp: 1988

Ion	Ratio	Lower	Upper
180	100		
182	89.6	47.6	142.8
145	36.9	15.0	45.0