Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013804.D
Acq On : 06 Dec 2019 17:02
Operator : JC/SP
Sample : K6184-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE126D2-20191203

Quant Time: Dec 07 02:38:54 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	654068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1000330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	871658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	353807	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.20%			
35) Dibromofluoromethane	5.49	113	295405	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.54%			
50) Toluene-d8	8.71	98	1165705	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.76%			
62) 4-Bromofluorobenzene	11.14	95	386085	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.88%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3615	0.580	ug/l #	73
11) Tert butyl alcohol	3.01	59	446	0.238	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	6089	0.978	ug/l #	95
13) Acrolein	2.30	56	450	6.354	ug/l #	73
15) Acrylonitrile	3.16	53	798	0.206	ug/l #	29
16) Acetone	2.43	43	11769	3.140	ug/l	95
18) Methyl Acetate	2.59	43	32947	3.157	ug/l #	53
20) Methylene Chloride	2.85	84	1715	0.238	ug/l #	85
24) 1,1-Dichloroethane	3.69	63	12154	1.022	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	9787	1.257	ug/l	92
29) Tetrahydrofuran	5.11	42	765	0.223	ug/l #	84
31) Cyclohexane	5.65	56	10956	0.977	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	3257	0.323	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	42443	4.674	ug/l #	51
38) Carbon Tetrachloride	5.78	117	4703	0.562	ug/l #	82
39) Methylcyclohexane	7.21	83	35400	3.154	ug/l #	1
44) Trichloroethene	7.21	130	3309717	436.054	ug/l	97
49) 1,4-Dioxane	7.75	88	2246	12.314	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	2404	0.347	ug/l #	72
64) Tetrachloroethene	9.33	164	6592	1.014	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	187078	21.709	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	187078	59.391	ug/l #	11

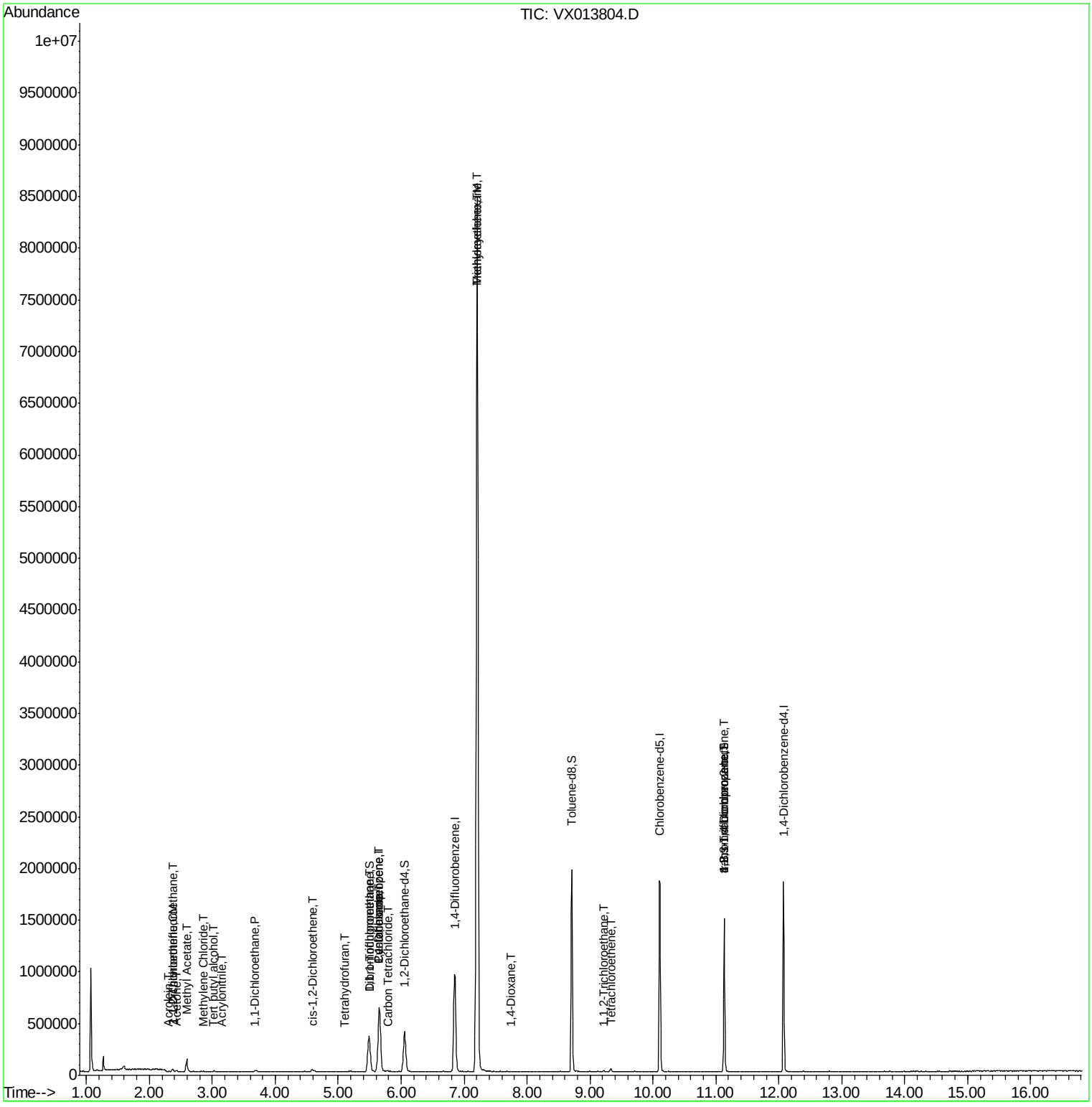
(#) = qualifier out of range (m) = manual integration (+) = signals summed

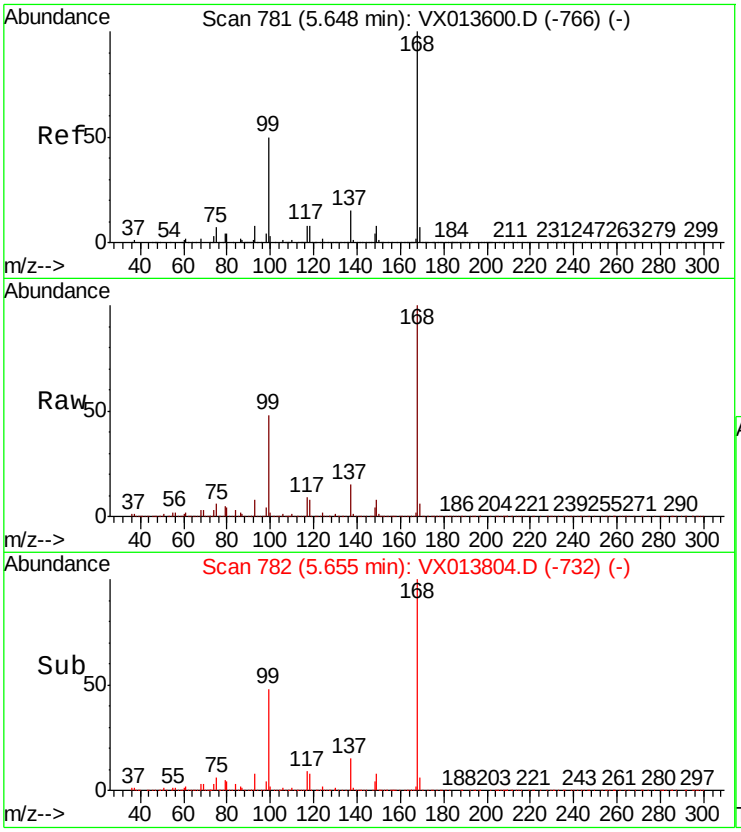
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013804.D
Acq On : 06 Dec 2019 17:02
Operator : JC/SP
Sample : K6184-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Quant Time: Dec 07 02:38:54 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



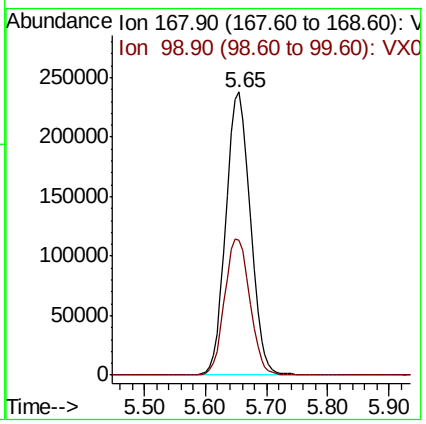


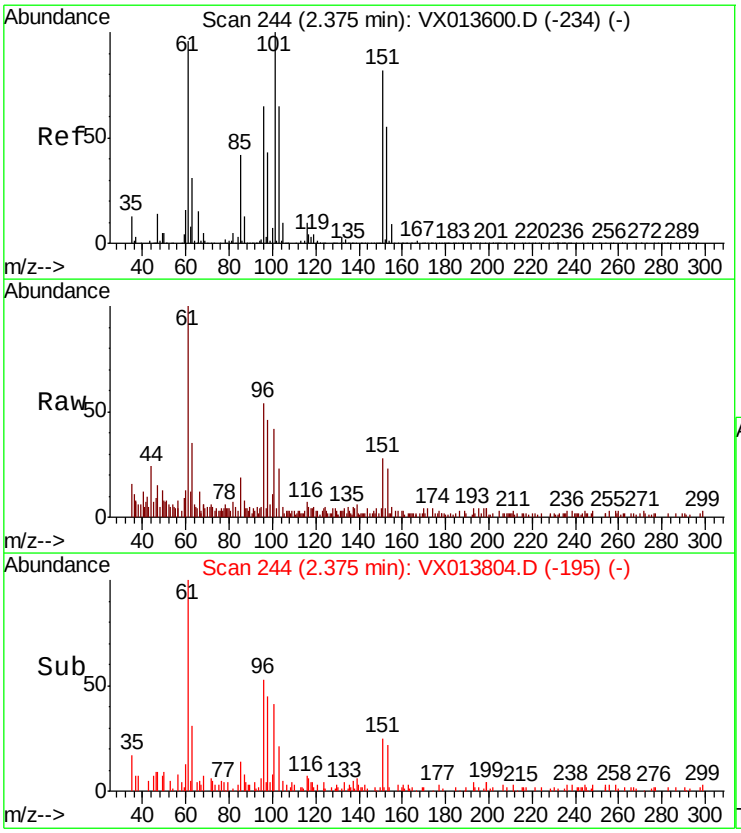
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument : MSVOA_X
ClientSampleId : RE126D2-20191203

Tgt Ion:168 Resp: 654068

Ion	Ratio	Lower	Upper
168	100		
99	47.6	39.8	59.8

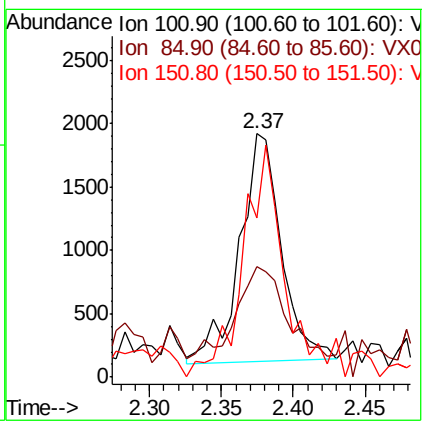


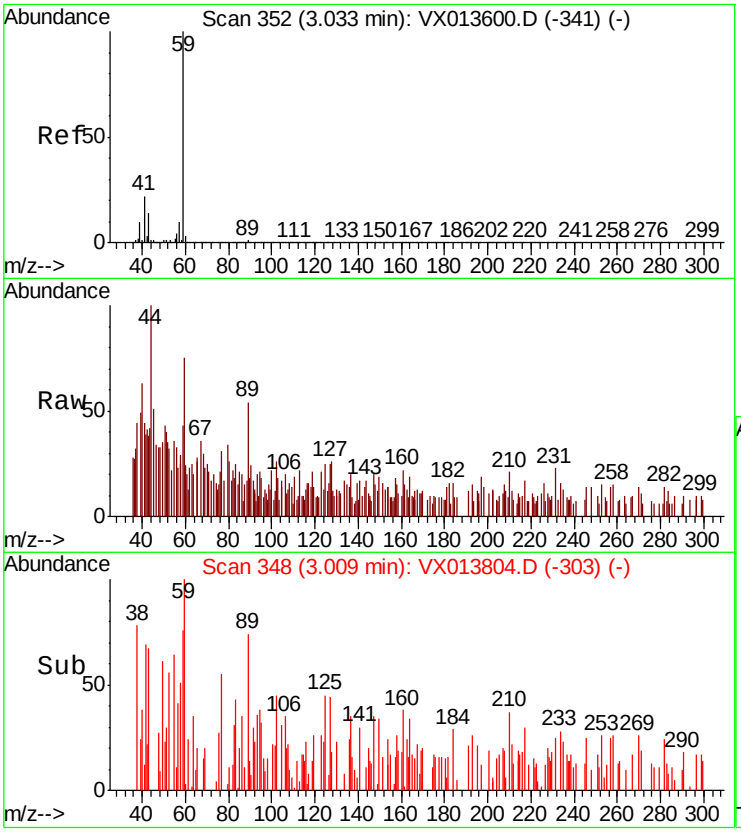


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.580 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion:101 Resp: 3615

Ion	Ratio	Lower	Upper
101	100		
85	63.2	33.9	50.9#
151	101.4	64.2	96.2#



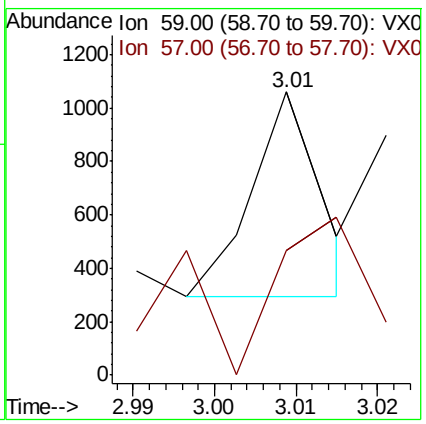


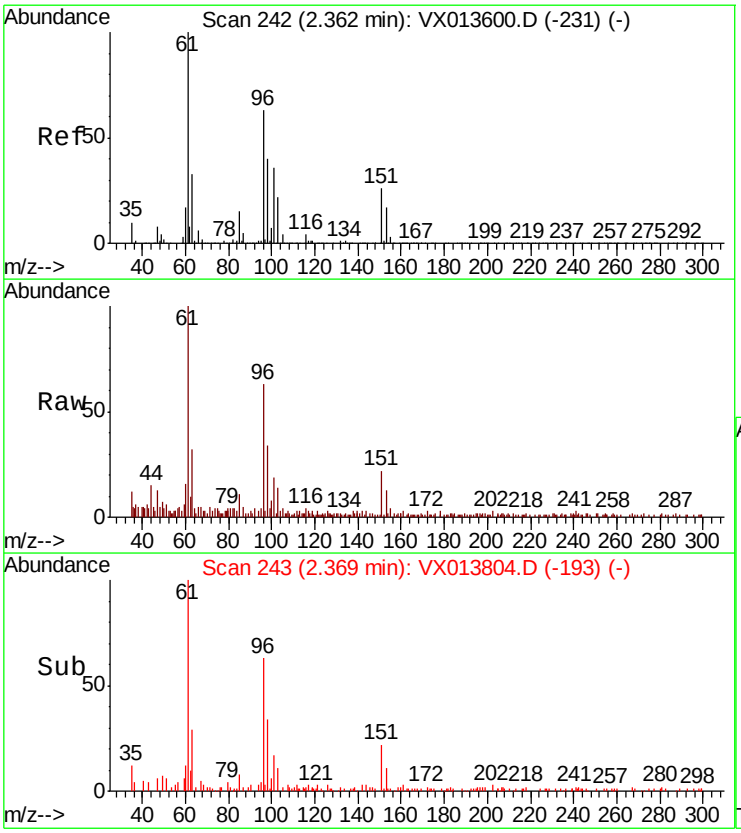
#11
Tert butyl alcohol
Concen: 0.238 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion: 59 Resp: 446

Ion	Ratio	Lower	Upper
59	100		
57	124.2	7.8	11.6#

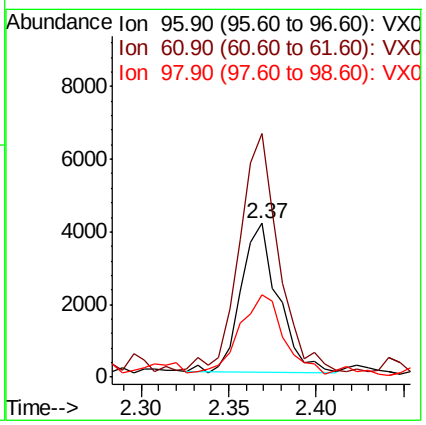


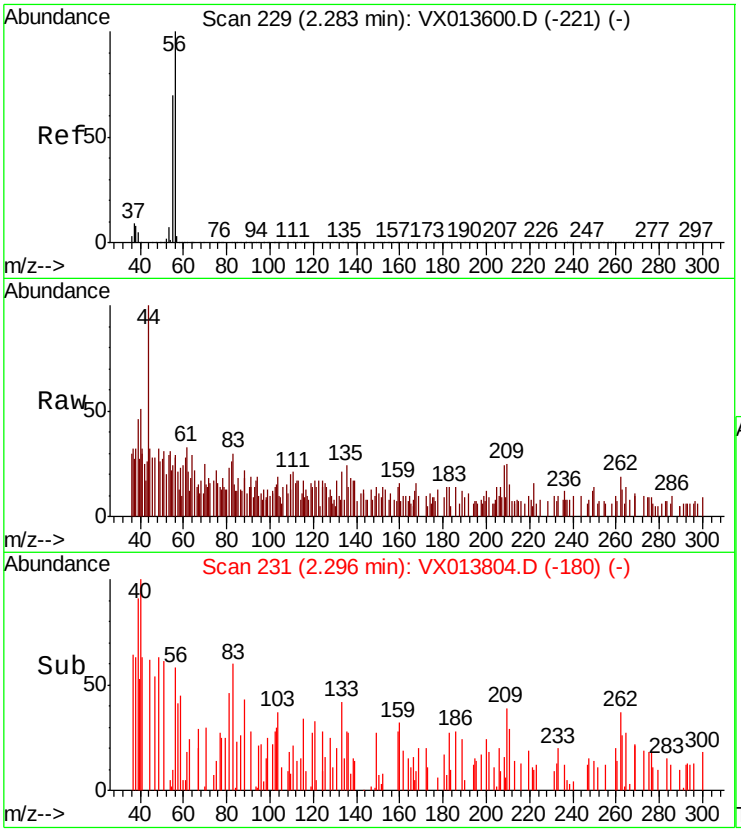


#12
1,1-Dichloroethene
Concen: 0.978 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 96 Resp: 6089

Ion	Ratio	Lower	Upper
96	100		
61	159.2	126.6	190.0
98	50.5	50.6	76.0#



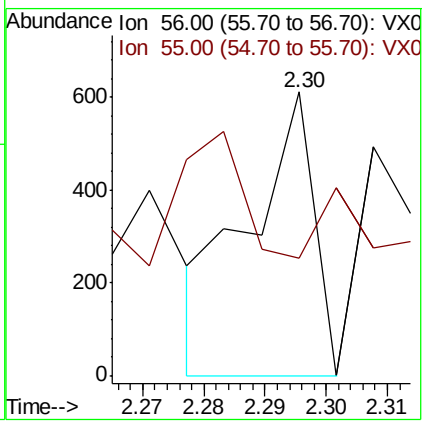


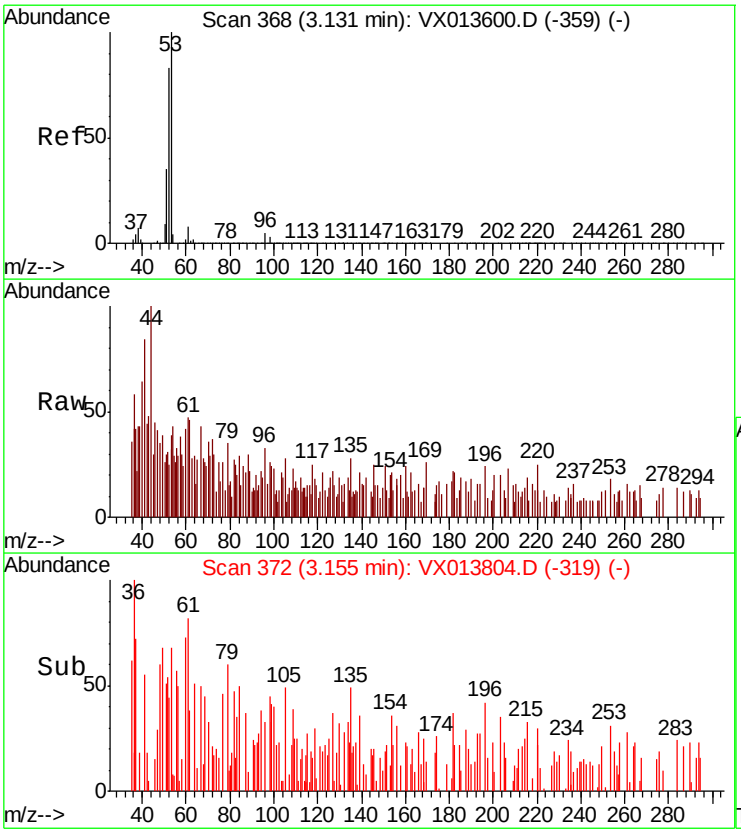
#13
Acrolein
Concen: 6.354 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument : MSVOA_X
ClientSampleId : RE126D2-20191203

Tgt Ion: 56 Resp: 450

Ion	Ratio	Lower	Upper
56	100		
55	48.2	56.2	84.4#

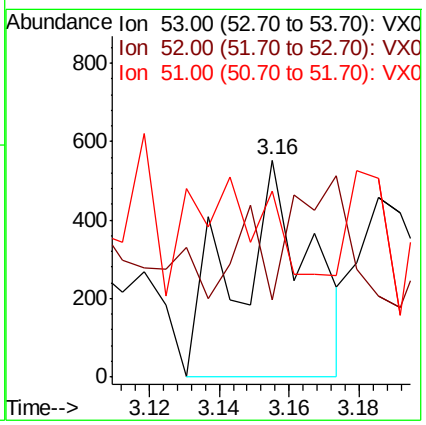


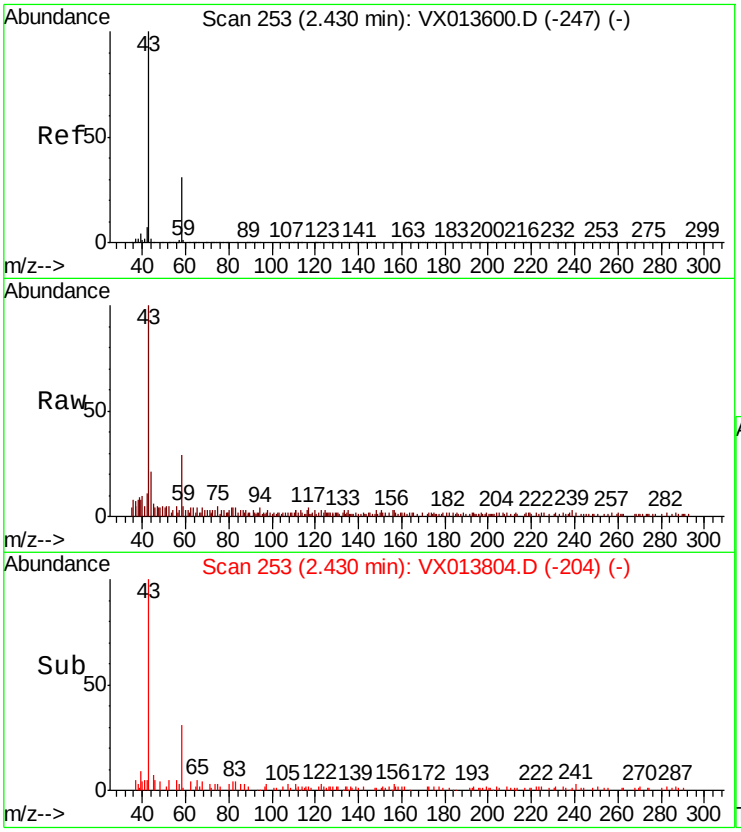


#15
Acrylonitrile
Concen: 0.206 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.02 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 53 Resp: 798

Ion	Ratio	Lower	Upper
53	100		
52	15.2	66.2	99.2#
51	0.0	29.0	43.6#



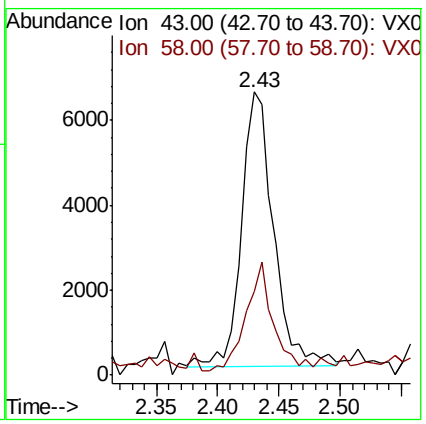


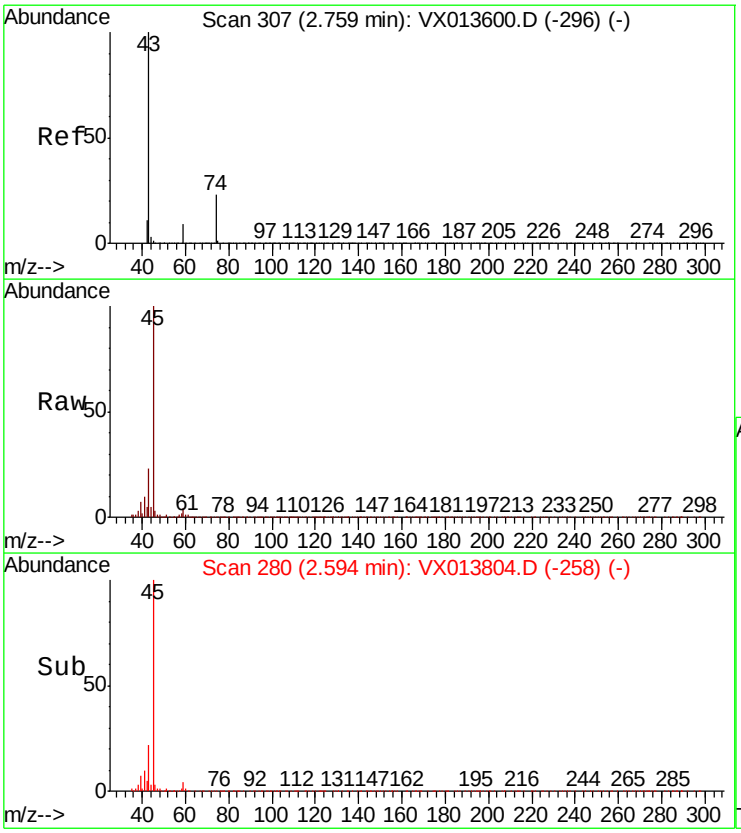
#16
Acetone
Concen: 3.140 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion: 43 Resp: 11769

Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.6	36.8

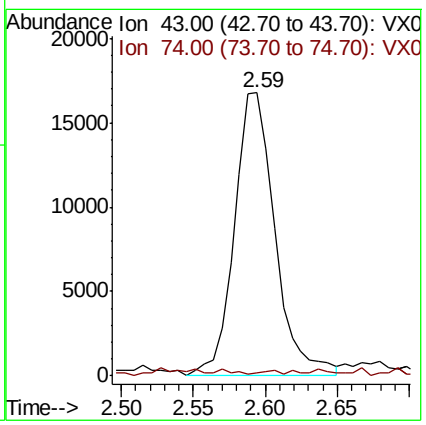


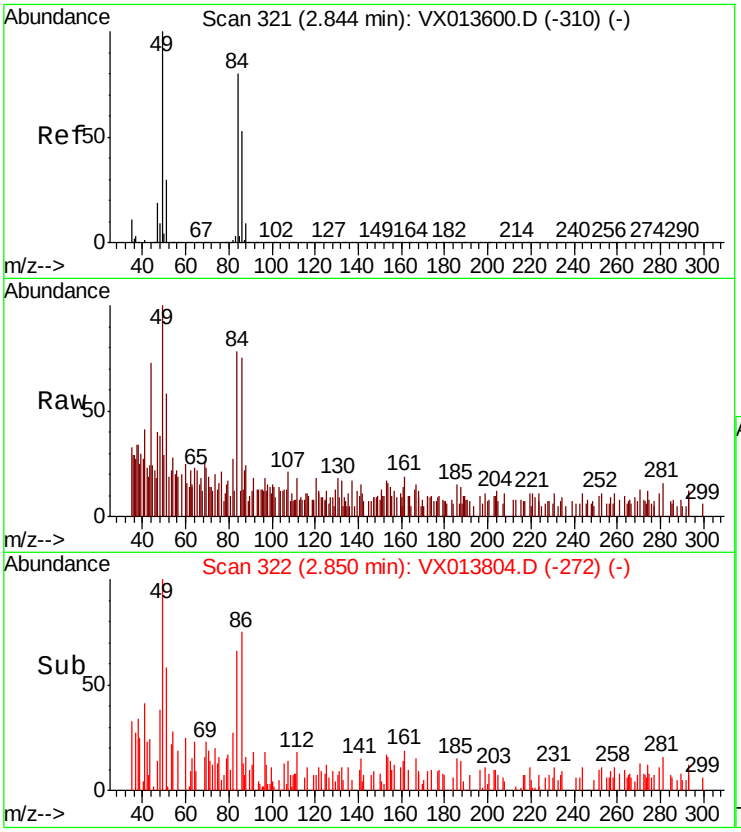


#18
Methyl Acetate
Concen: 3.157 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.16 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 43 Resp: 32947

Ion	Ratio	Lower	Upper
43	100		
74	0.8	19.5	29.3#



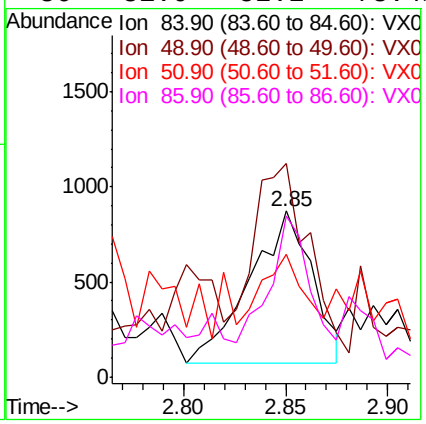


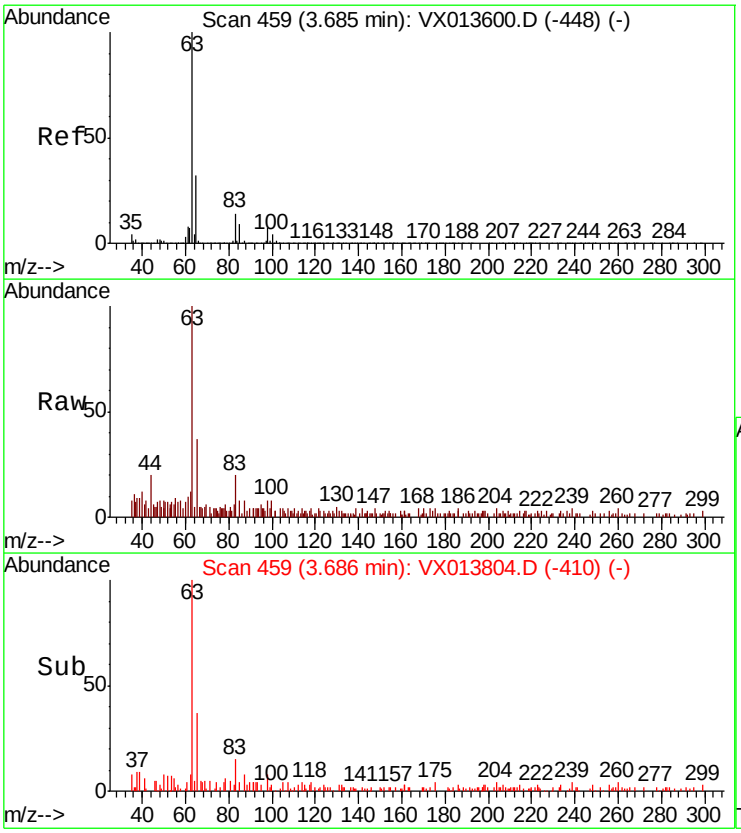
#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument : MSVOA_X
ClientSampleId : RE126D2-20191203

Tgt Ion: 84 Resp: 1715

Ion	Ratio	Lower	Upper
84	100		
49	111.1	99.7	149.5
51	48.4	29.9	44.9#
86	81.0	52.2	78.4#

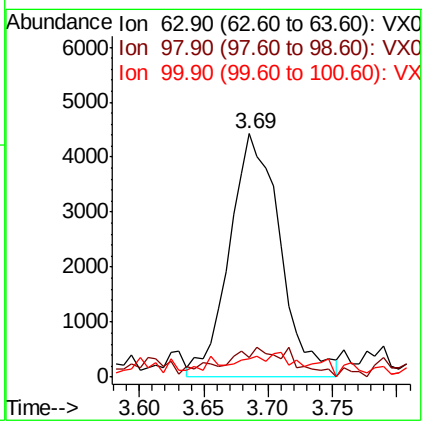


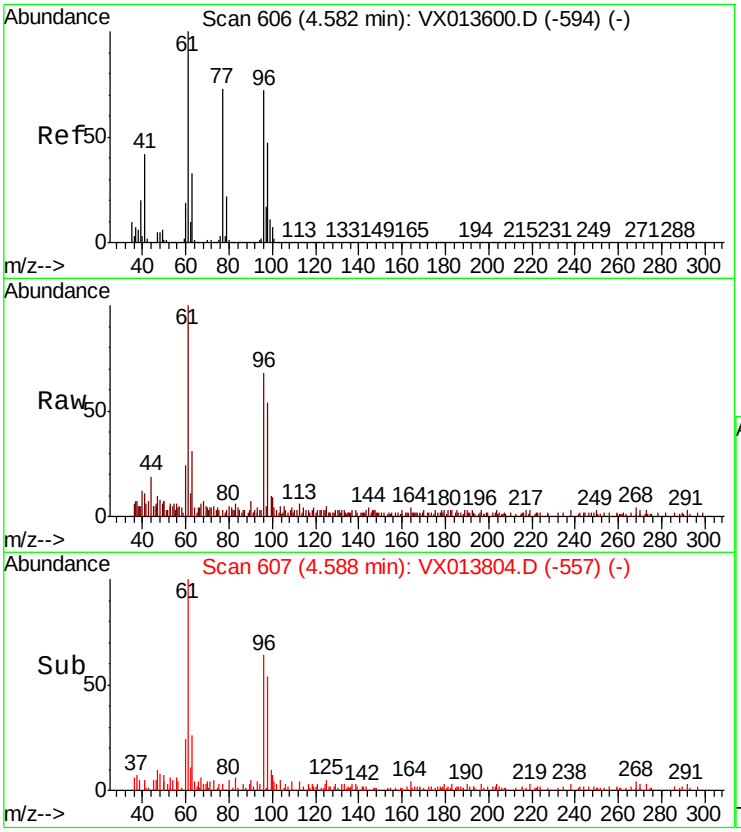


#24
1,1-Dichloroethane
Concen: 1.022 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 63 Resp: 12154

Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.5	10.4
100	5.4	2.1	6.3



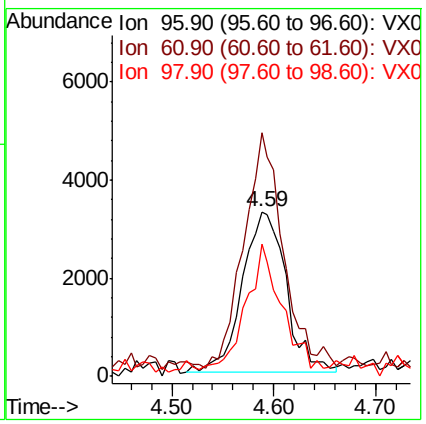


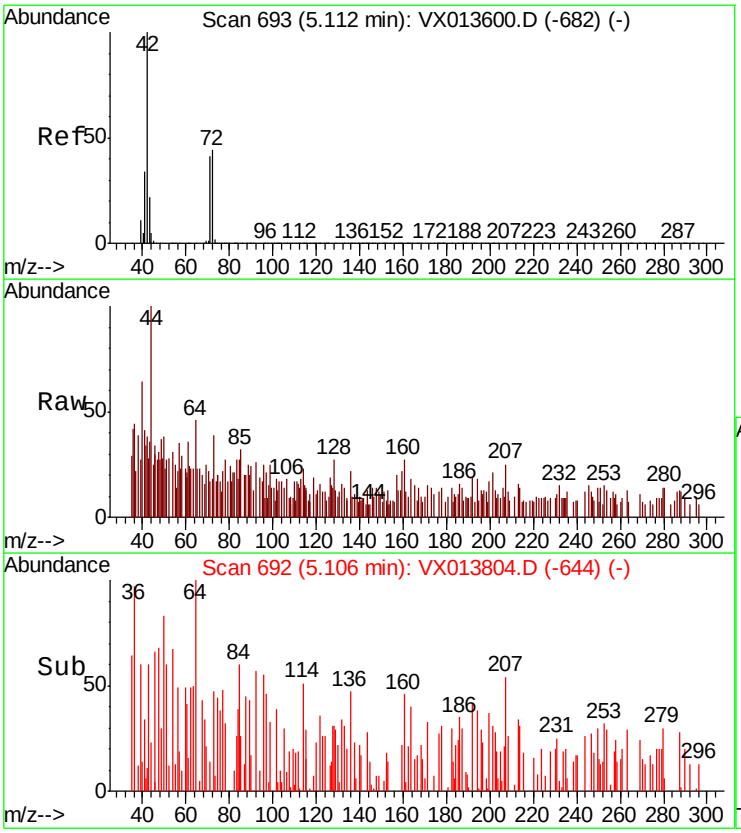
#27
cis-1,2-Dichloroethene
Concen: 1.257 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion: 96 Resp: 9787

Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	286.4
98	62.2	0.0	127.4

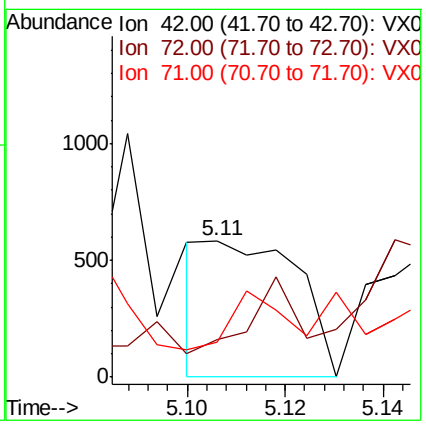


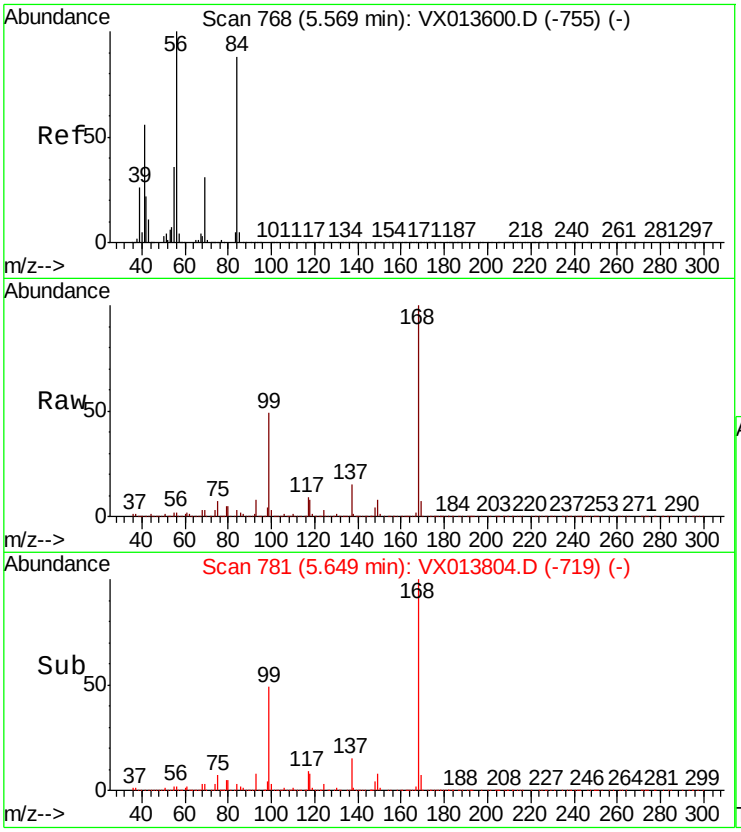


#29
Tetrahydrofuran
Concen: 0.223 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 42 Resp: 765

Ion	Ratio	Lower	Upper
42	100		
72	26.9	36.3	54.5#
71	39.7	33.2	49.8



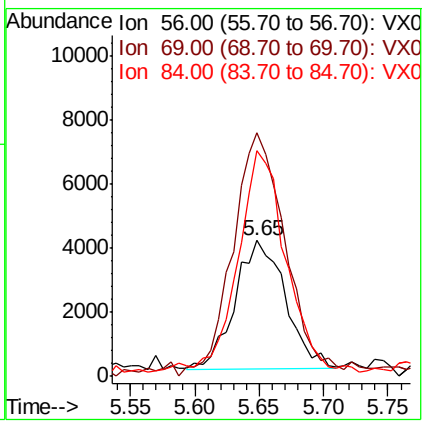


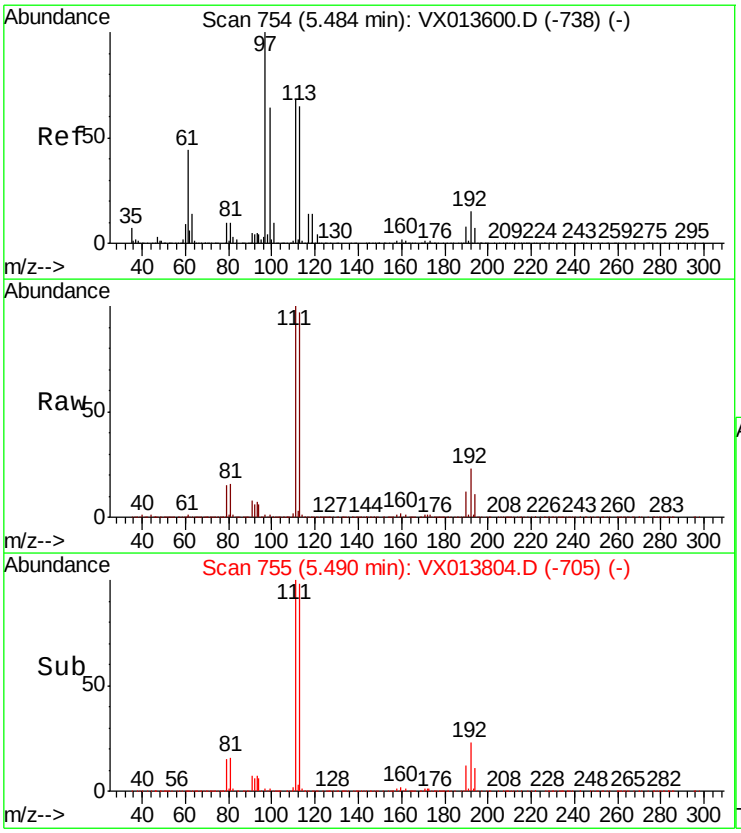
#31
Cyclohexane
Concen: 0.977 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument : MSVOA_X
ClientSampleId : RE126D2-20191203

Tgt Ion: 56 Resp: 10956

Ion	Ratio	Lower	Upper
56	100		
69	183.6	24.6	36.8#
84	170.2	70.0	105.0#

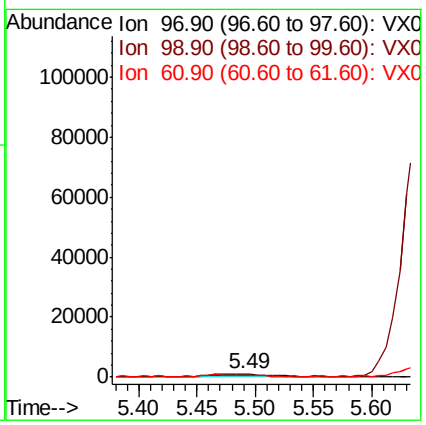


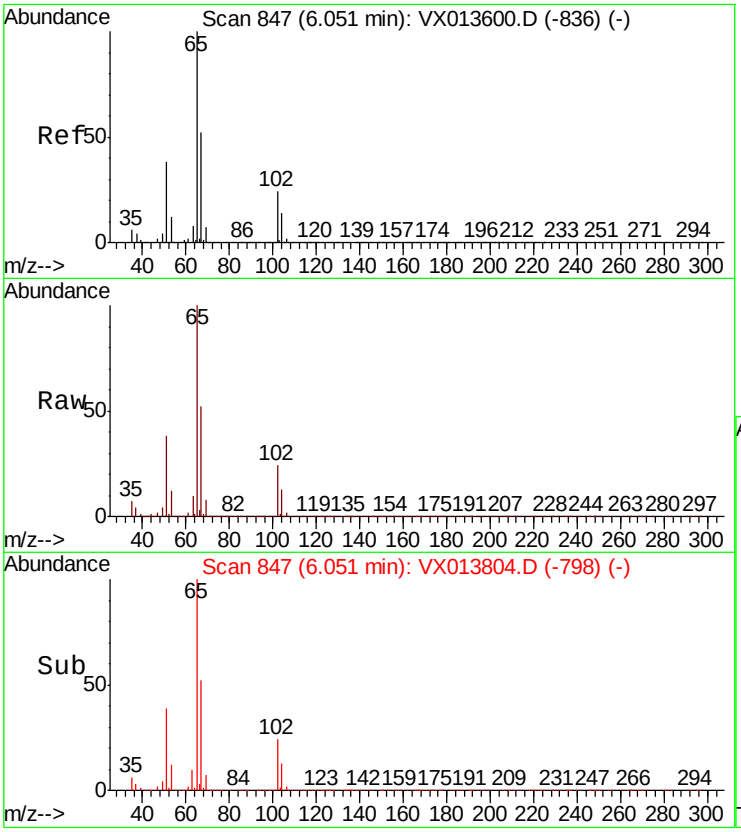


#32
1,1,1-Trichloroethane
Concen: 0.323 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 97 Resp: 3257

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



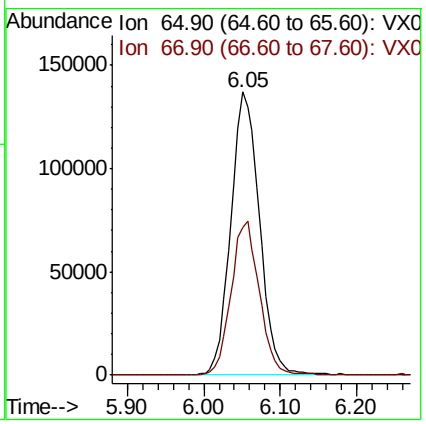


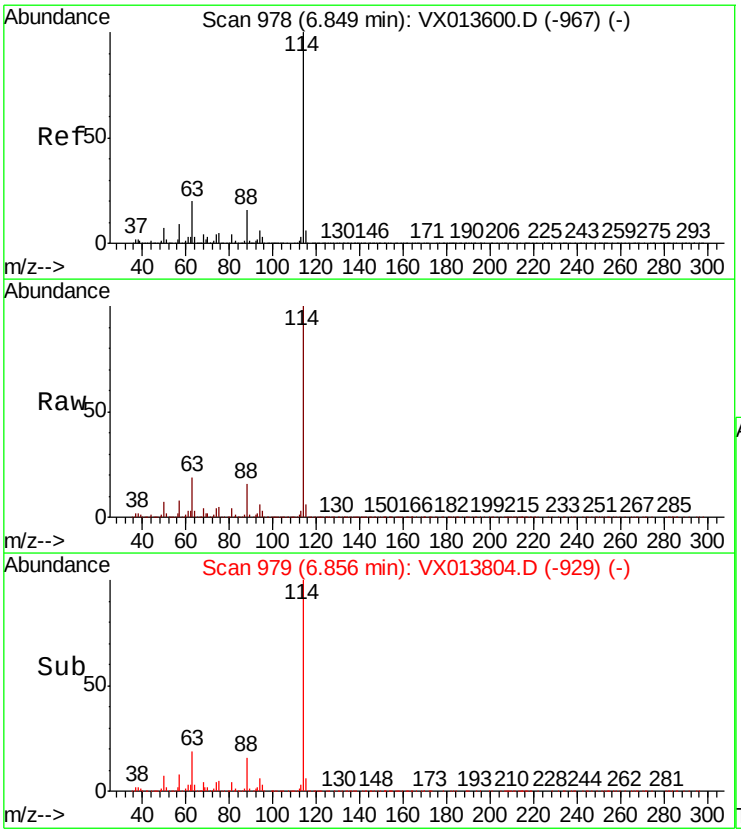
#33
1,2-Dichloroethane-d4
Concen: 46.601 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion: 65 Resp: 353807

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.4

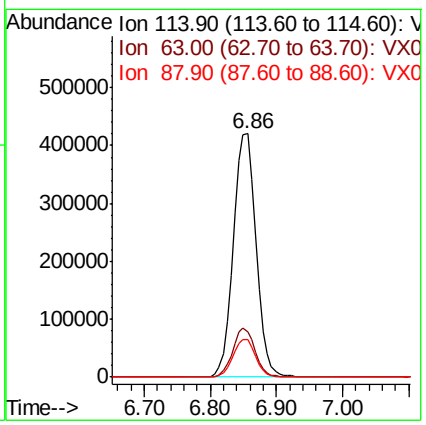


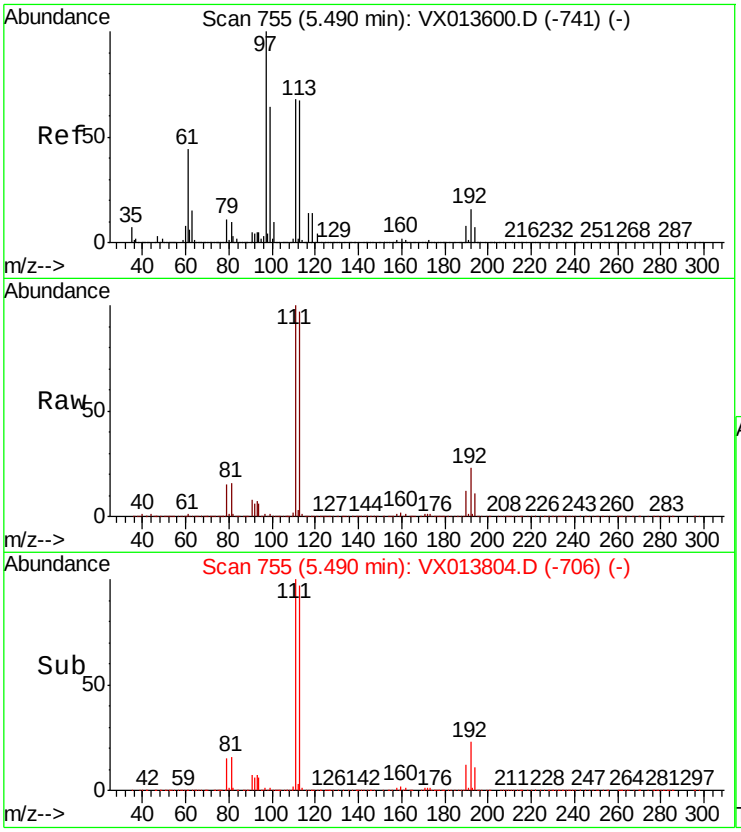


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion:114 Resp: 1000330

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.6
88	15.6	0.0	31.4



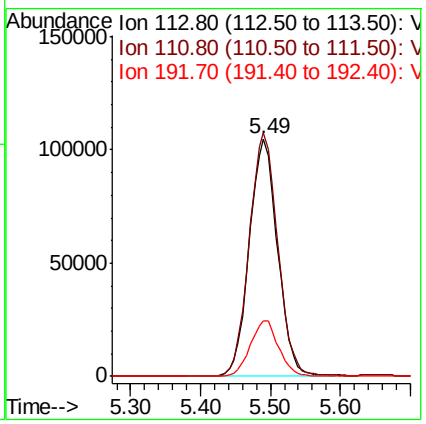


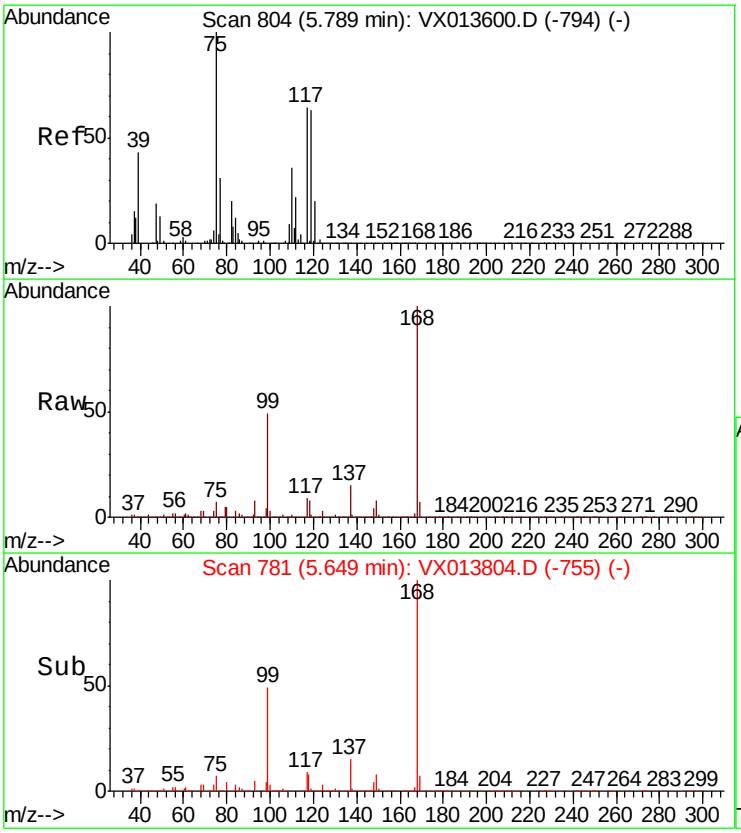
#35
Dibromofluoromethane
Concen: 47.768 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion:113 Resp: 295405

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.6	125.4
192	23.3	19.2	28.8

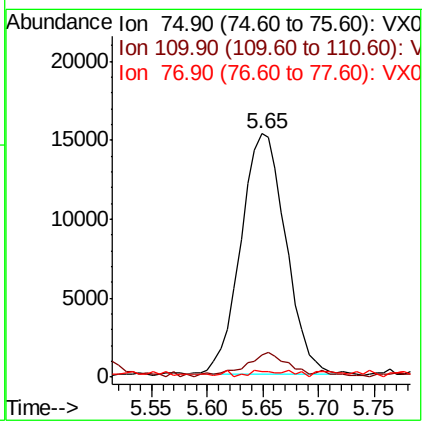


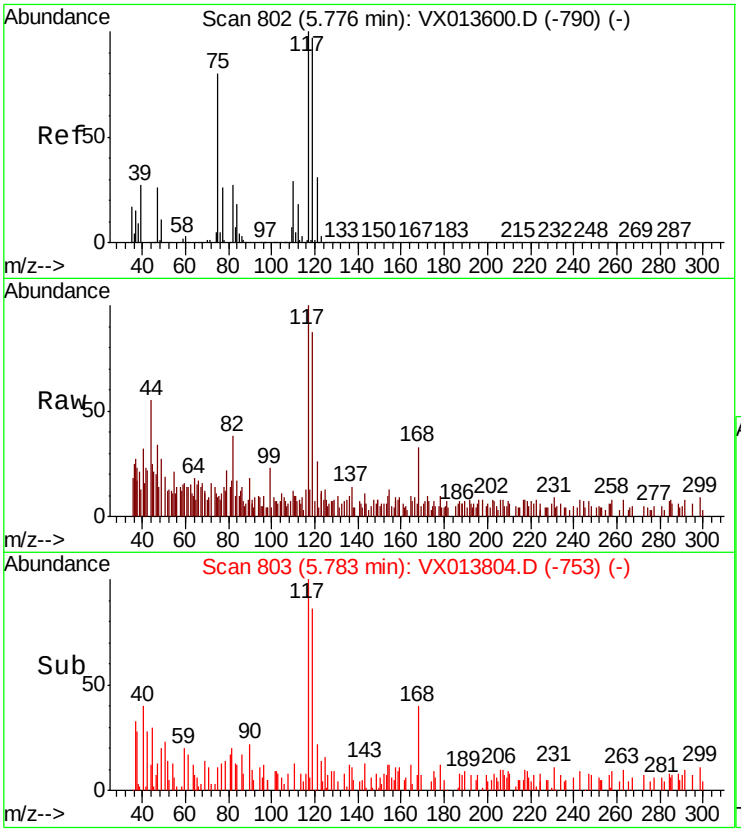


#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 75 Resp: 42443

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.1#
77	1.5	24.5	36.7#



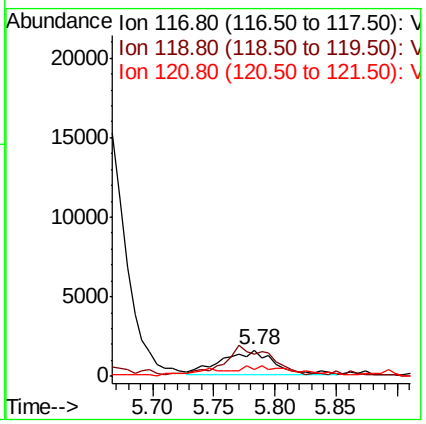


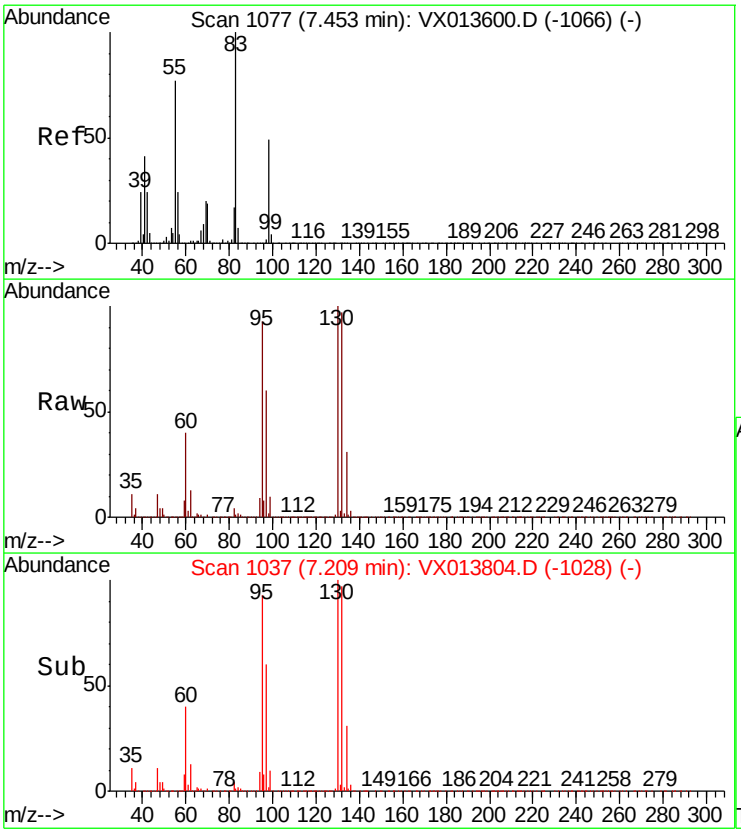
#38
Carbon Tetrachloride
Concen: 0.562 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion:117 Resp: 4703

Ion	Ratio	Lower	Upper
117	100		
119	82.1	77.5	116.3
121	15.4	25.0	37.6#

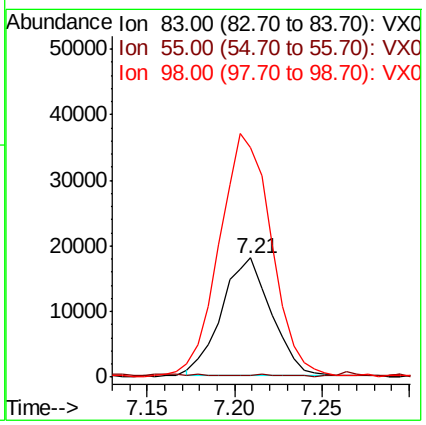


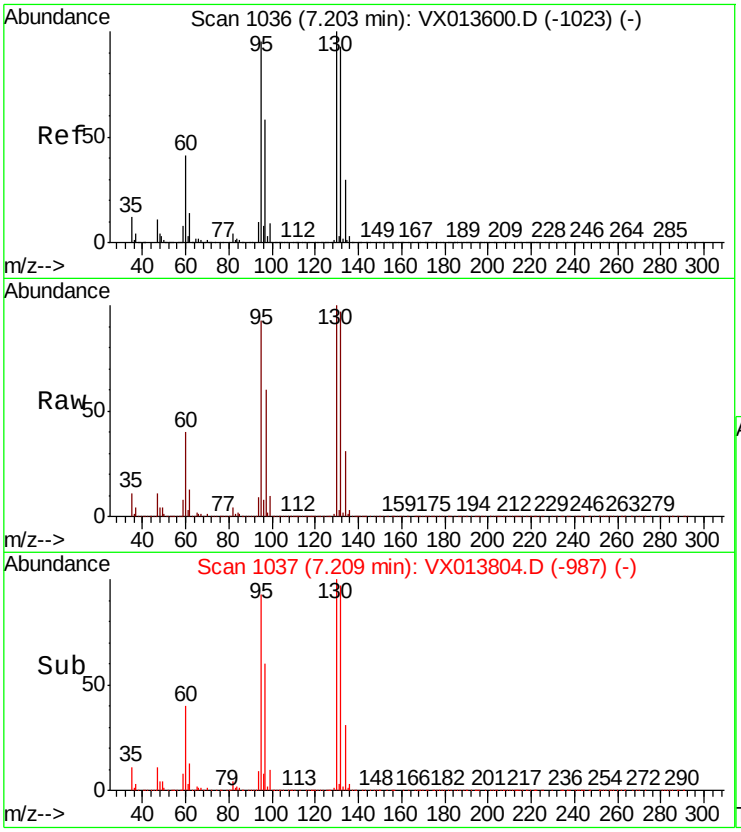


#39
Methylcyclohexane
Concen: 3.154 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 83 Resp: 35400

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	193.1	39.4	59.0#



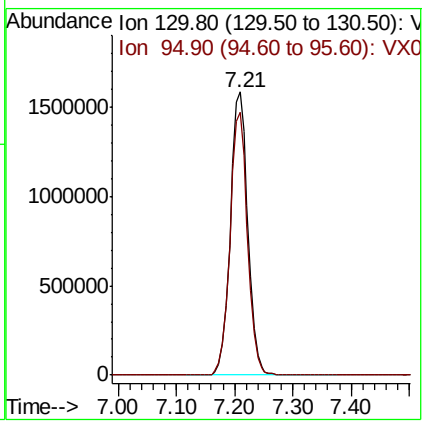


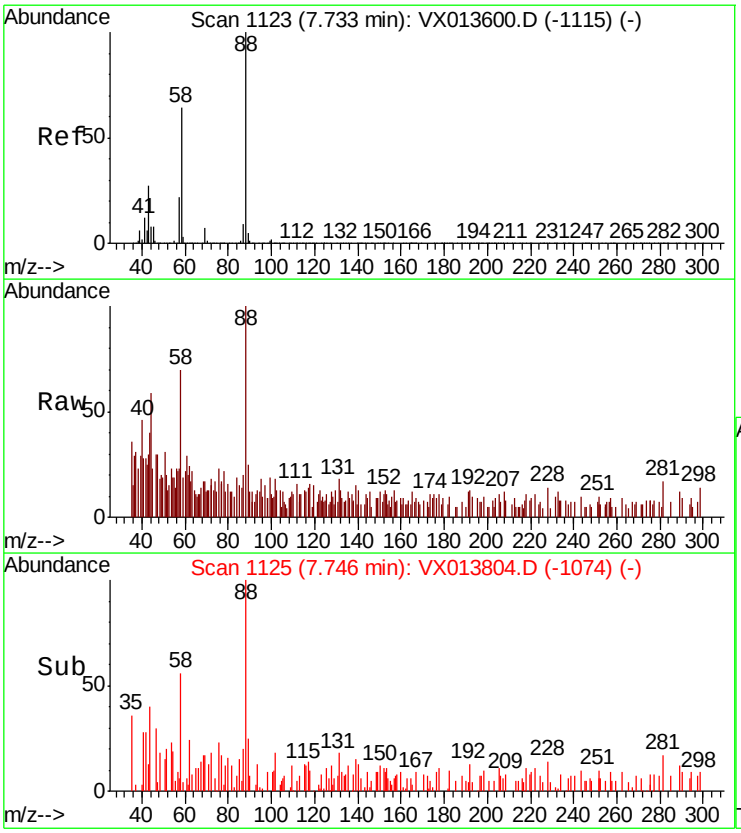
#44
Trichloroethene
Concen: 436.054 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion:130 Resp: 3309717

Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	190.8

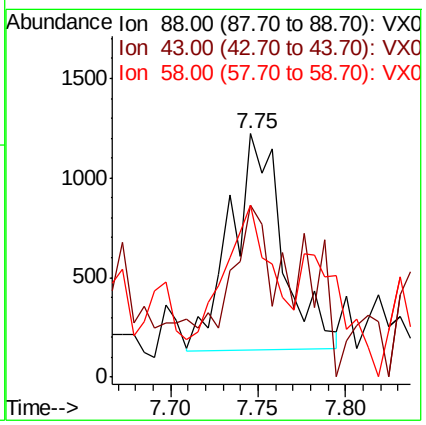


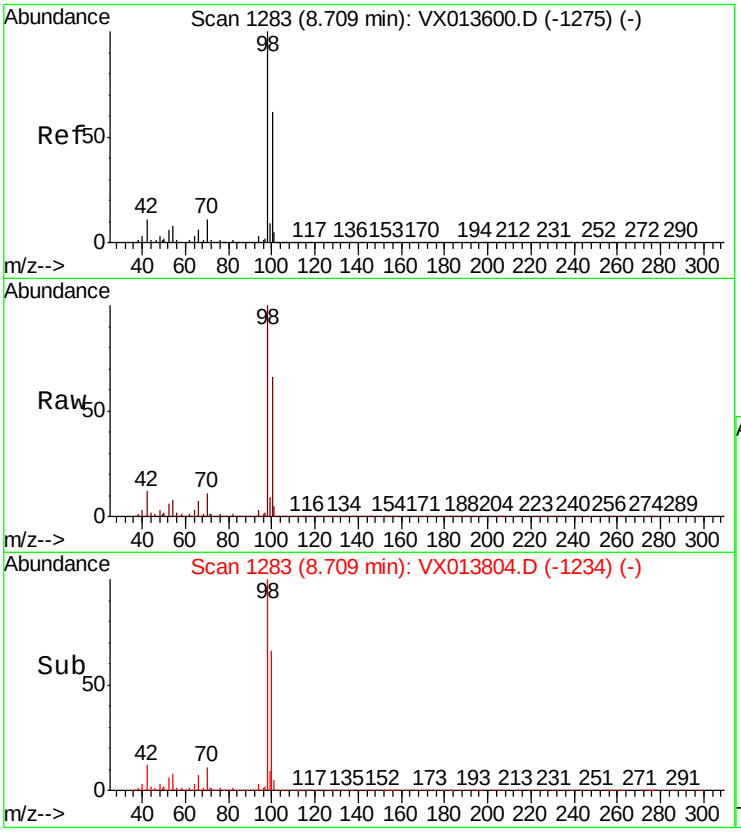


#49
1,4-Dioxane
Concen: 12.314 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 88 Resp: 2246

Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.8	38.6
58	54.6	54.6	82.0#



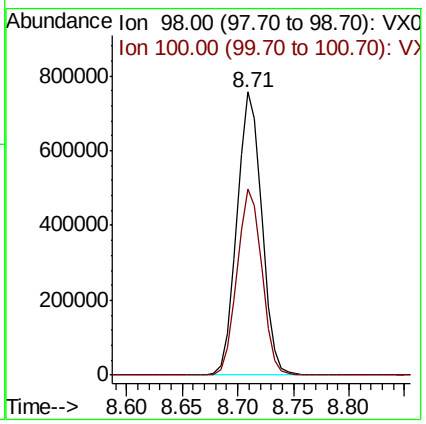


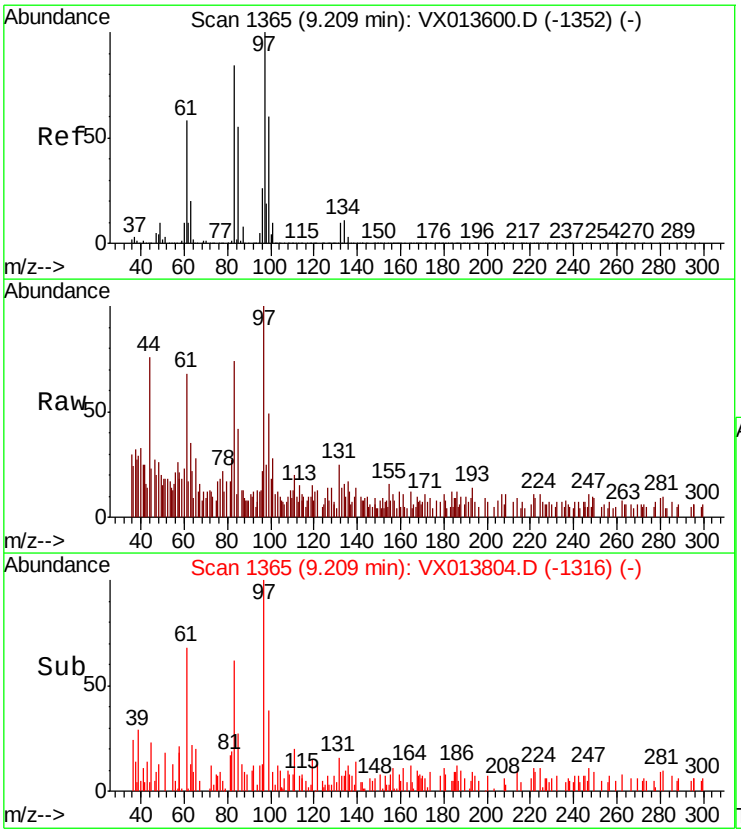
#50
Toluene-d8
Concen: 48.381 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument : MSVOA_X
ClientSampleId : RE126D2-20191203

Tgt Ion: 98 Resp: 1165705

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7

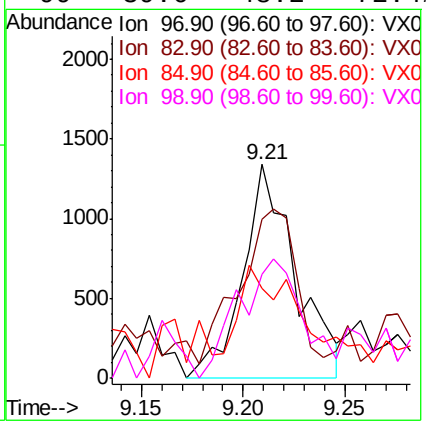


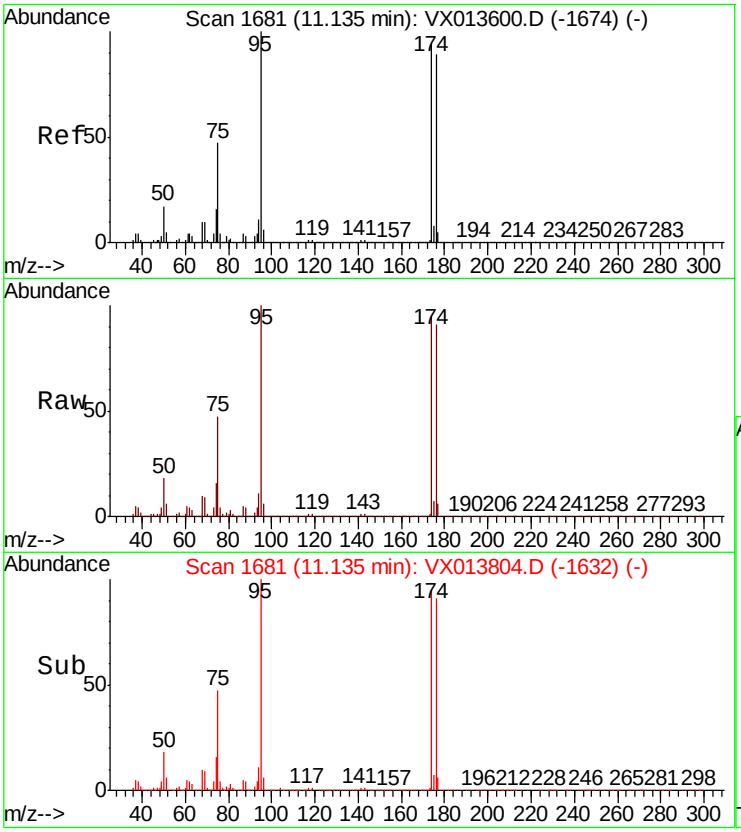


#55
1,1,2-Trichloroethane
Concen: 0.347 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 97 Resp: 2404

Ion	Ratio	Lower	Upper
97	100		
83	61.5	67.3	100.9#
85	29.6	43.6	65.4#
99	39.6	48.2	72.4#



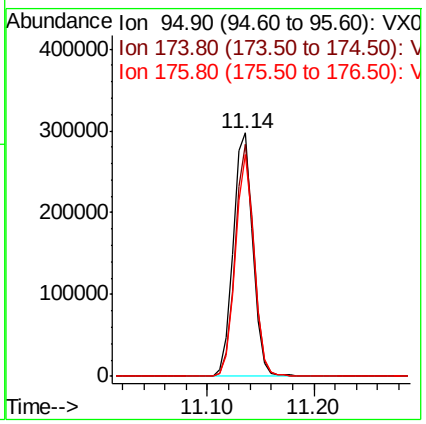


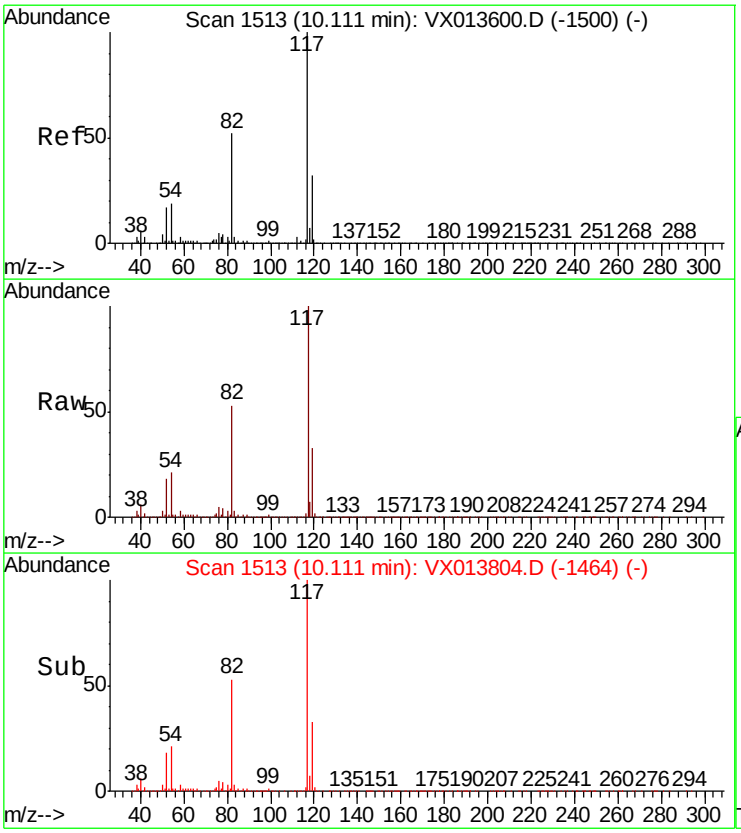
#62
4-Bromofluorobenzene
Concen: 44.437 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion: 95 Resp: 386085

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	180.0
176	87.1	0.0	173.6

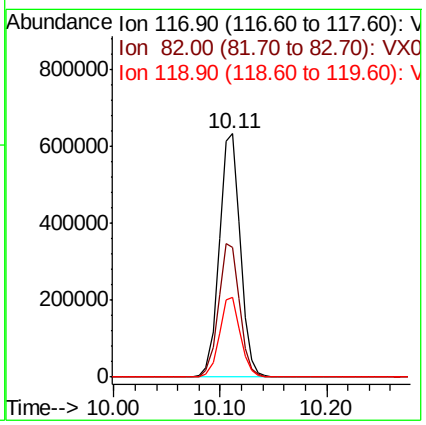


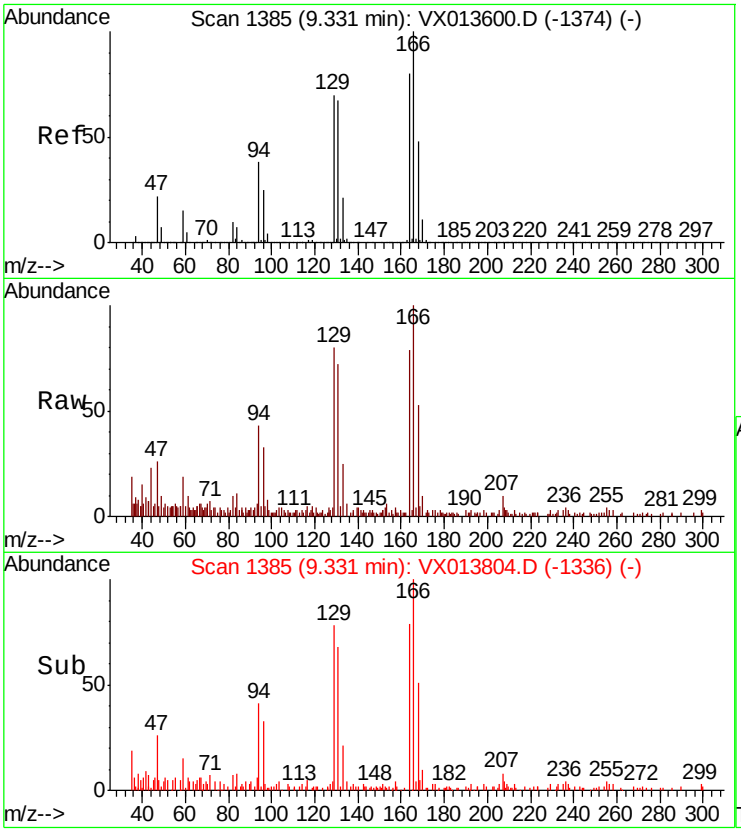


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion:117 Resp: 871658

Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.8
119	32.8	25.8	38.8



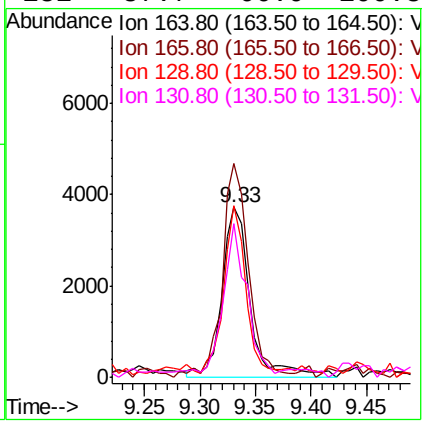


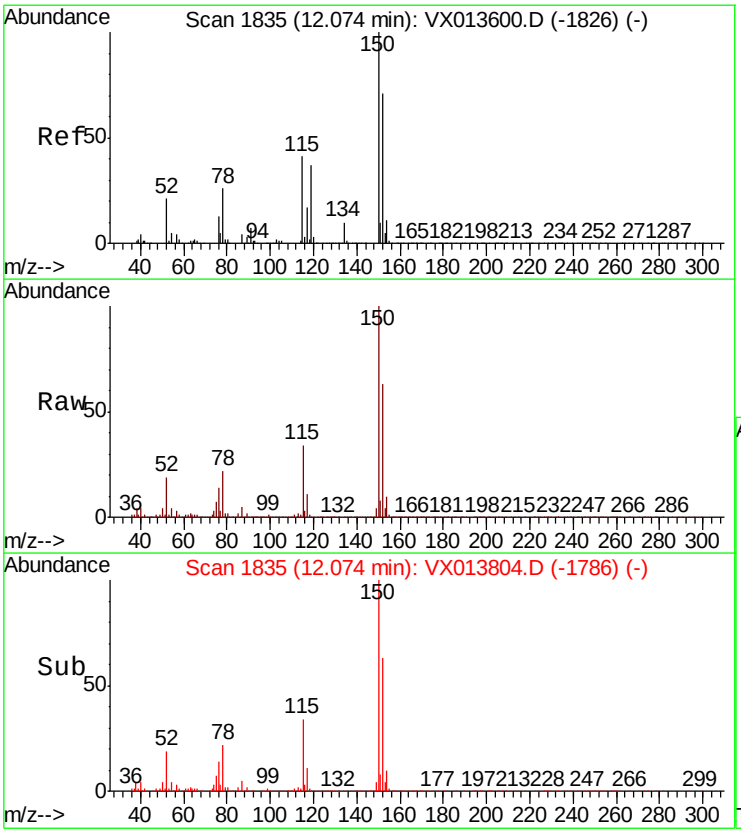
#64
Tetrachloroethene
Concen: 1.014 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion:164 Resp: 6592

Ion	Ratio	Lower	Upper
164	100		
166	121.8	99.7	149.5
129	95.2	70.1	105.1
131	87.7	66.9	100.3

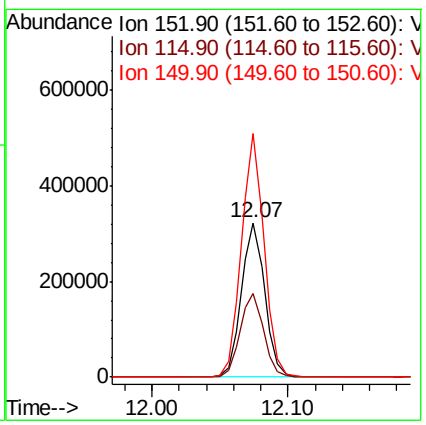


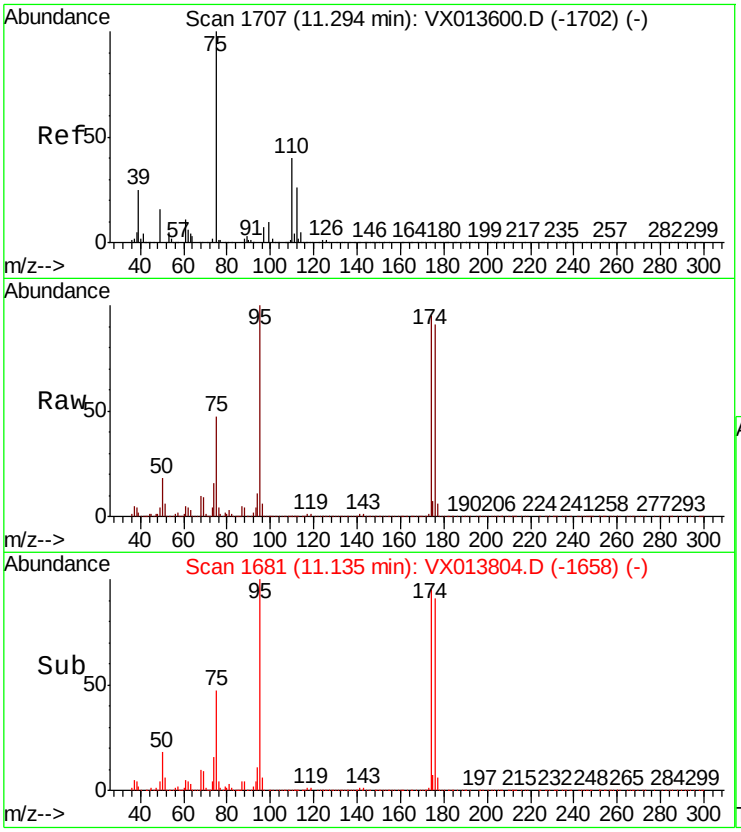


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion:152 Resp: 383146

Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.4	115.1
150	154.2	0.0	346.8



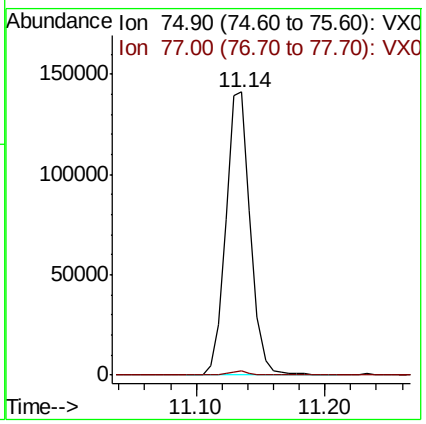


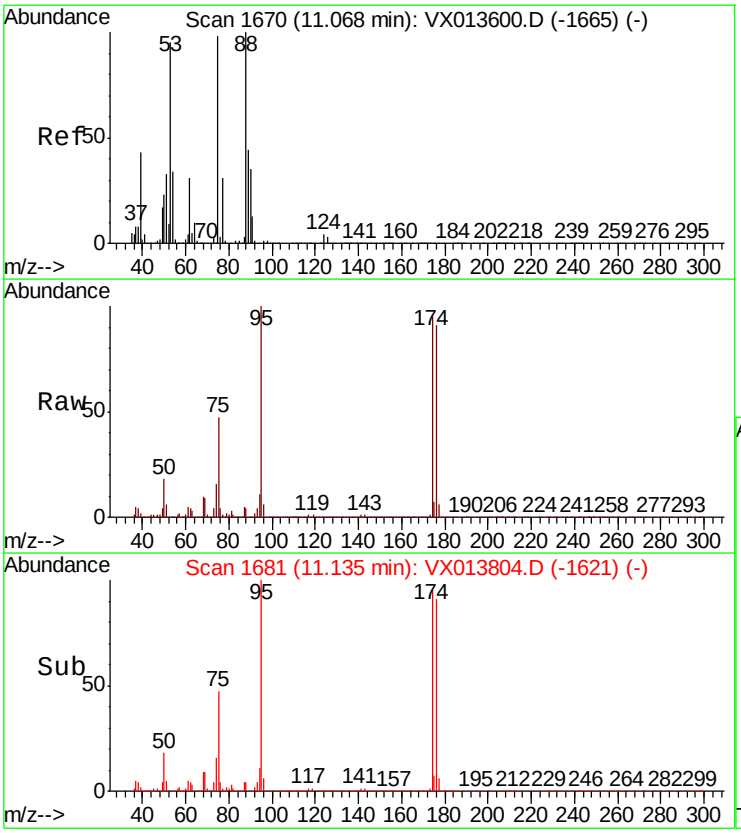
#76
1,2,3-Trichloropropane
Concen: 21.709 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20191203

Tgt Ion: 75 Resp: 187078

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.391 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013804.D
Acq: 06 Dec 2019 17:02

Tgt Ion: 75 Resp: 187078

Ion	Ratio	Lower	Upper
75	100		
53	0.5	78.2	117.2#
89	0.1	35.4	53.2#