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

Quantitation Report (Not Reviewed)

Data File : VX013901.D
Acq On : 10 Dec 2019 16:23
Operator : JC/SP
Sample : K6185-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE103D3-20191204

Quant Time: Dec 11 02:26:51 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	579971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	887932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	785994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	322700	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.86%			
35) Dibromofluoromethane	5.49	113	270572	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.58%			
50) Toluene-d8	8.71	98	1046835	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
62) 4-Bromofluorobenzene	11.14	95	342107	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.72%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1596	0.220	ug/l #	75
9) 1,1,2-Trichlorotrifluoroet	2.37	101	13233	2.393	ug/l	94
12) 1,1-Dichloroethene	2.37	96	1631	0.296	ug/l #	89
13) Acrolein	2.30	56	427	6.379	ug/l #	7
16) Acetone	2.44	43	5155	1.551	ug/l	98
20) Methylene Chloride	2.84	84	1325	0.208	ug/l #	57
24) 1,1-Dichloroethane	3.69	63	4067	0.386	ug/l #	94
25) 2-Butanone	4.66	43	1237	0.250	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	4486	0.650	ug/l	85
30) Chloroform	5.20	83	4618	0.432	ug/l	94
31) Cyclohexane	5.65	56	10584	1.064	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	38971	4.835	ug/l #	50
38) Carbon Tetrachloride	5.78	117	2302	0.310	ug/l #	79
39) Methylcyclohexane	7.21	83	28722	2.883	ug/l #	1
44) Trichloroethene	7.21	130	2692772	399.681	ug/l	96
49) 1,4-Dioxane	7.75	88	222	1.371	ug/l #	1
55) 1,1,2-Trichloroethane	9.21	97	1565	0.255	ug/l #	87
64) Tetrachloroethene	9.33	164	4375	0.746	ug/l #	80
71) Bromoform	10.85	173	2855	0.589	ug/l #	89
76) 1,2,3-Trichloropropane	11.13	75	169544	22.138	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	169544	60.567	ug/l #	11

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

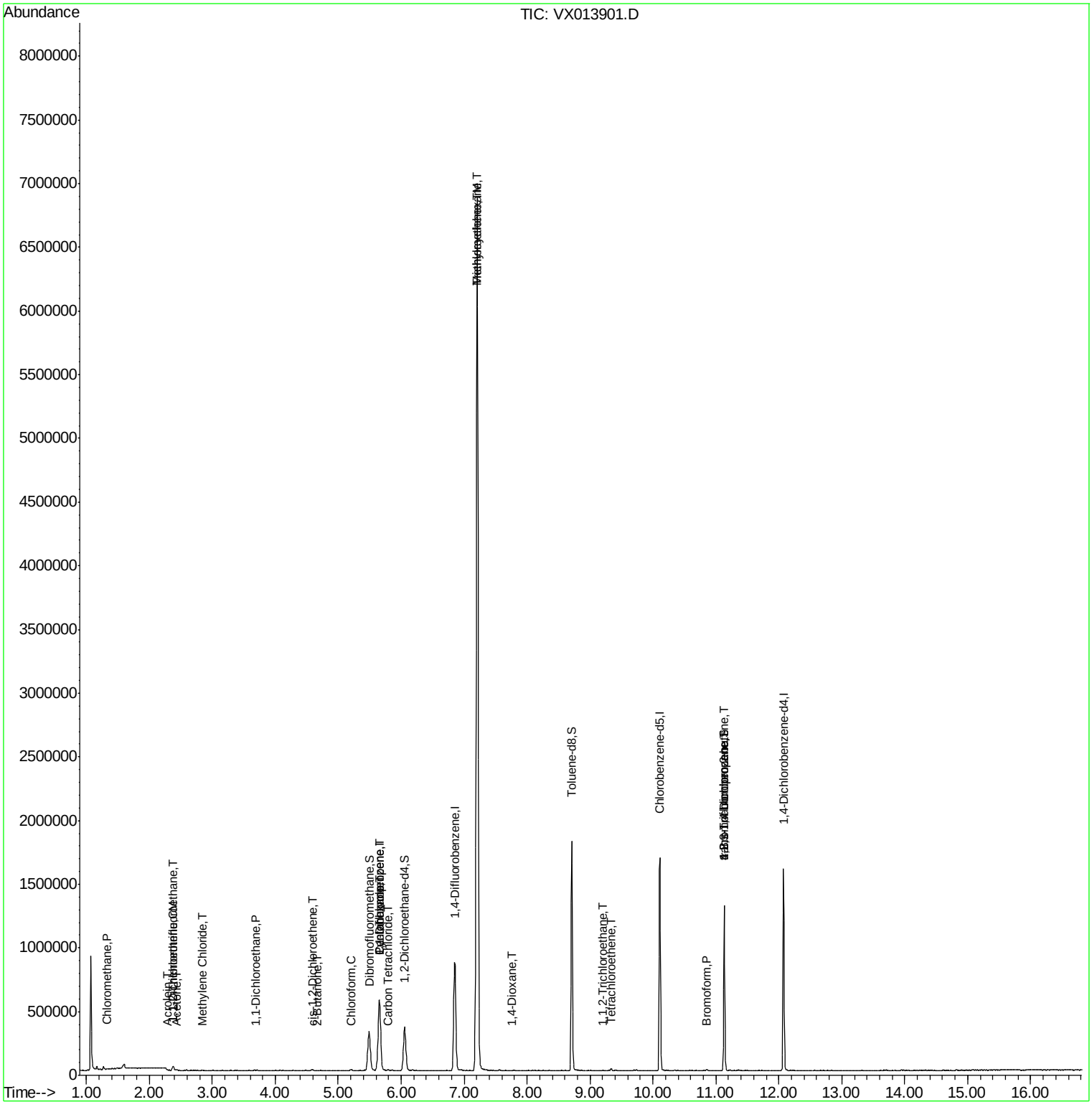
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

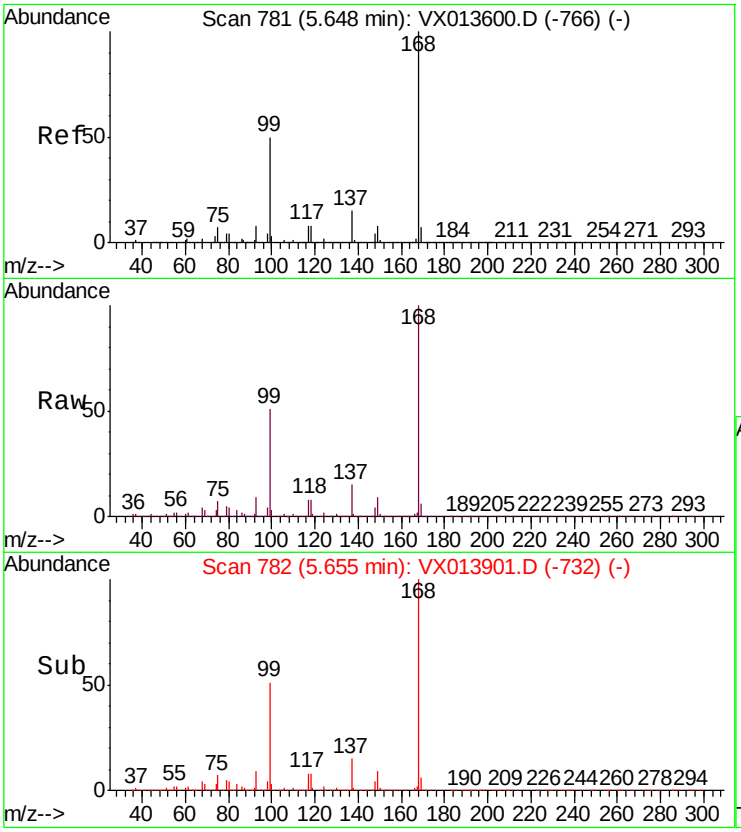
Quantitation Report (Not Reviewed)

Data File : VX013901.D
Acq On : 10 Dec 2019 16:23
Operator : JC/SP
Sample : K6185-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Quant Time: Dec 11 02:26:51 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



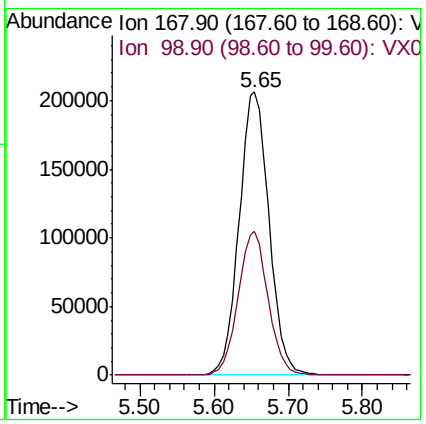


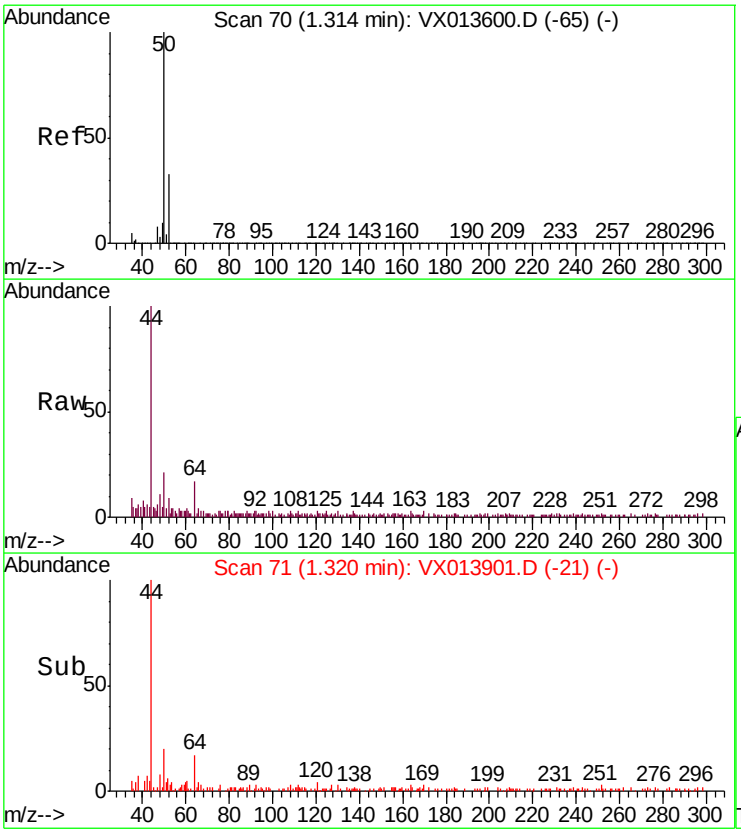
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion:168 Resp: 579971

Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.8	59.8

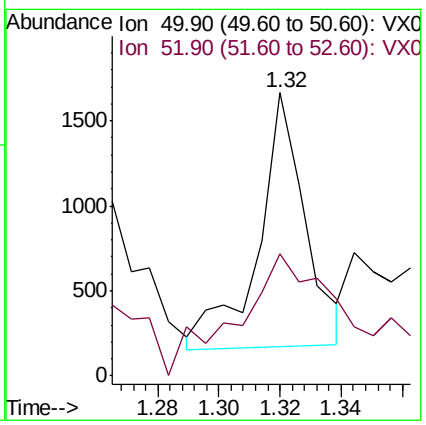


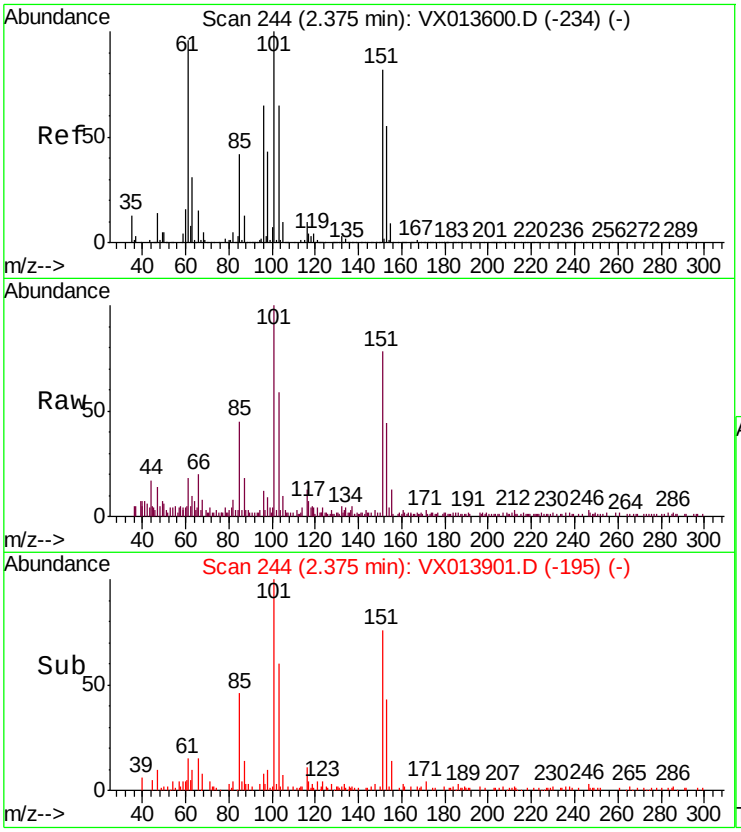


#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 50 Resp: 1596

Ion	Ratio	Lower	Upper
50	100		
52	18.6	26.0	39.0#



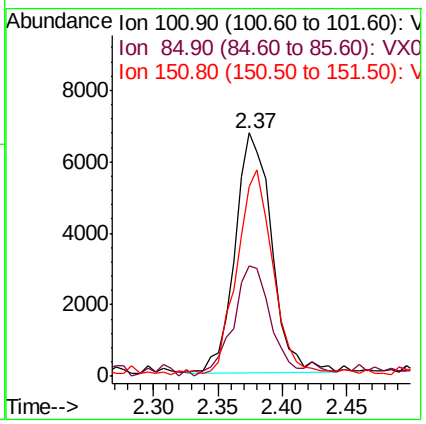


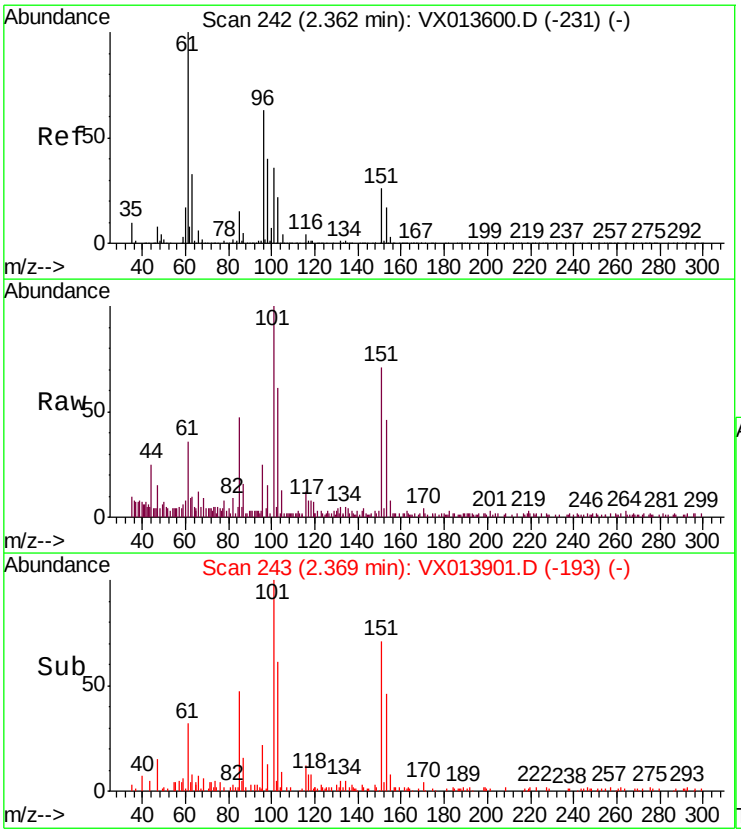
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.393 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion:101 Resp: 13233

Ion	Ratio	Lower	Upper
101	100		
85	47.7	33.9	50.9
151	83.9	64.2	96.2

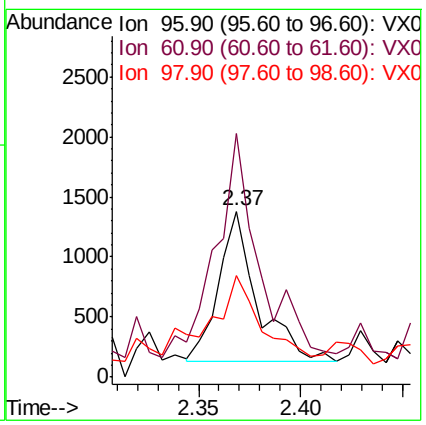


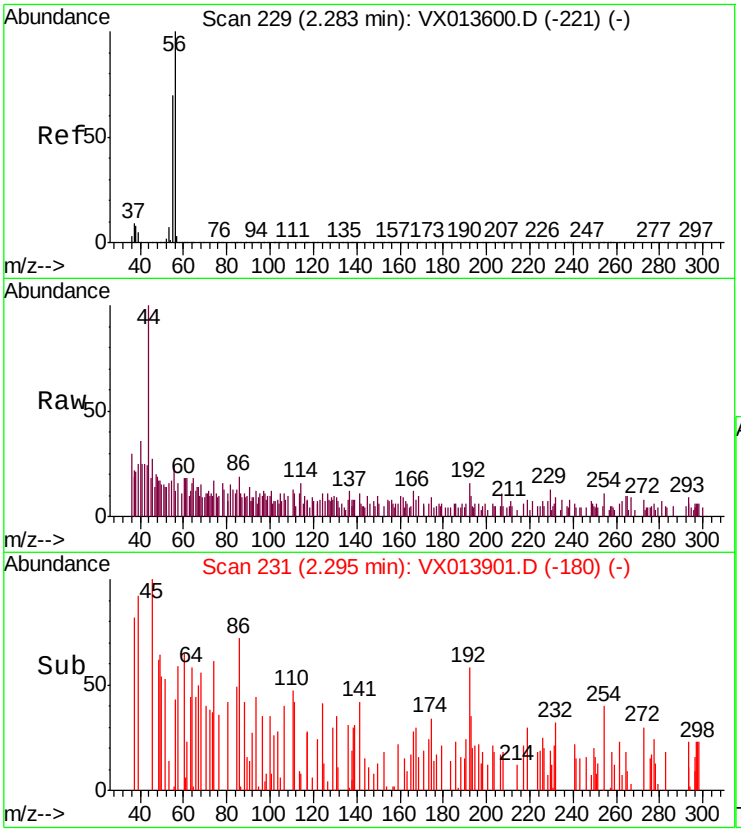


#12
1,1-Dichloroethene
Concen: 0.296 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 96 Resp: 1631

Ion	Ratio	Lower	Upper
96	100		
61	149.3	126.6	190.0
98	45.7	50.6	76.0#



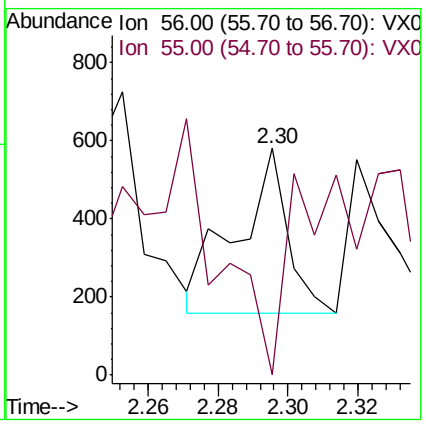


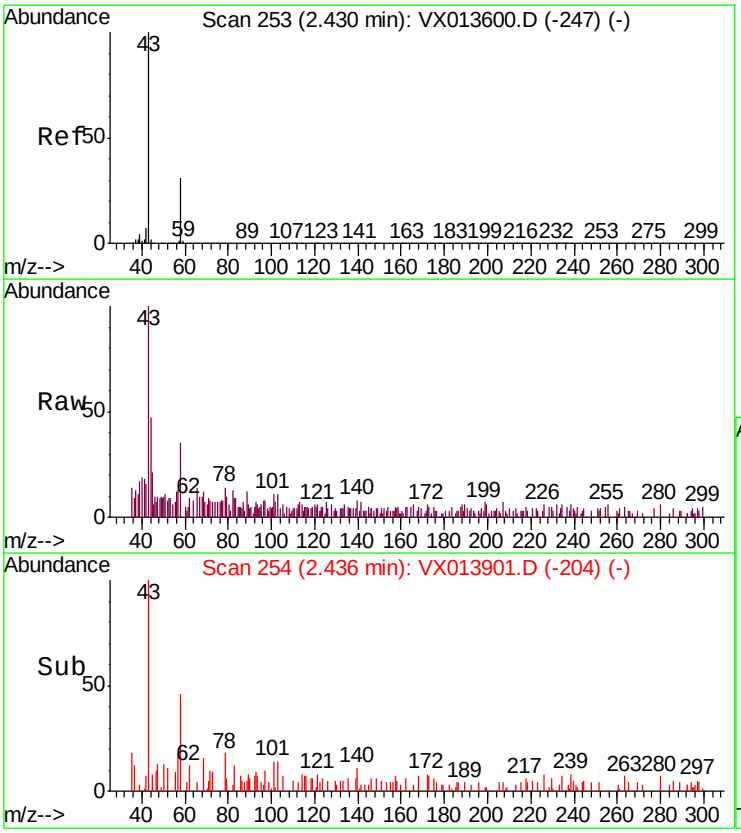
#13
Acrolein
Concen: 6.379 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion: 56 Resp: 427

Ion	Ratio	Lower	Upper
56	100		
55	146.6	56.2	84.4#

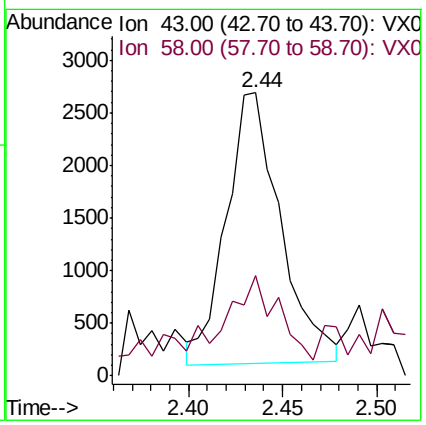


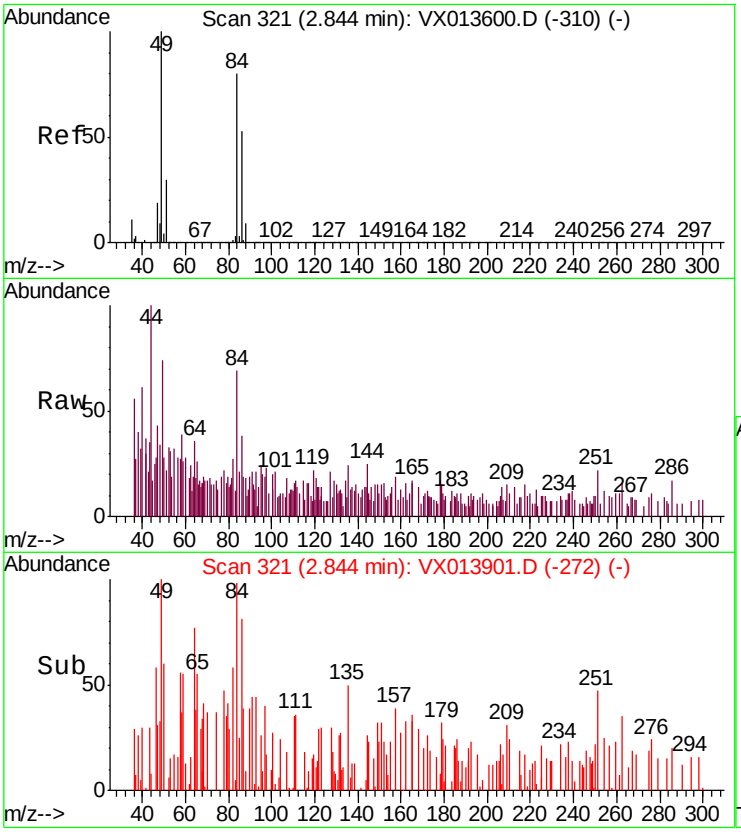


#16
Acetone
Concen: 1.551 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 43 Resp: 5155

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.6	36.8



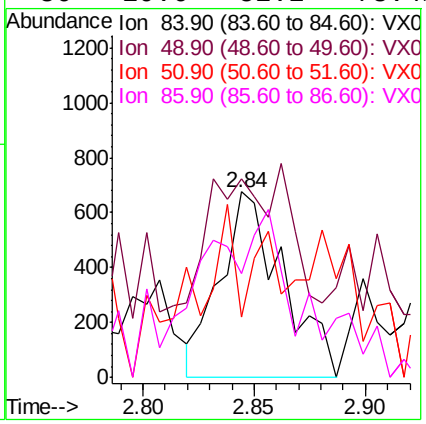


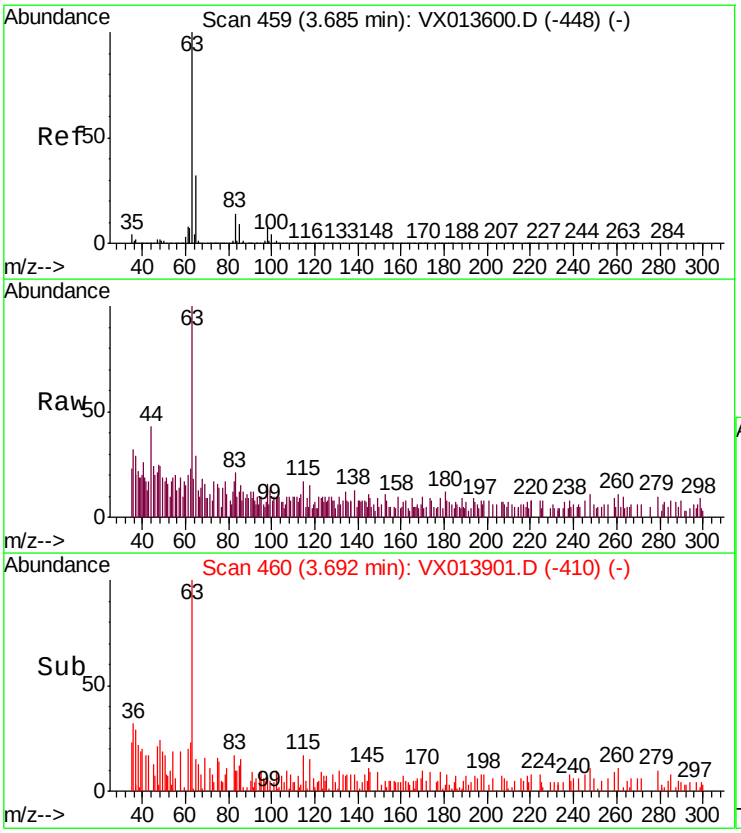
#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion: 84 Resp: 1325

Ion	Ratio	Lower	Upper
84	100		
49	83.0	99.7	149.5#
51	0.0	29.9	44.9#
86	29.6	52.2	78.4#

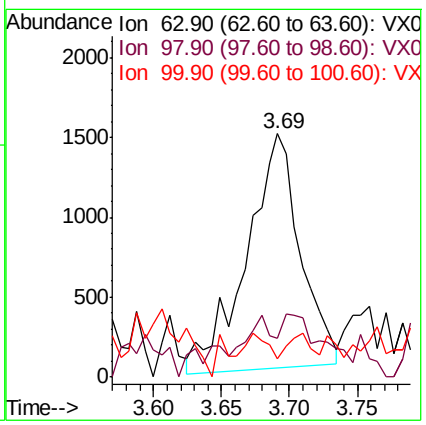


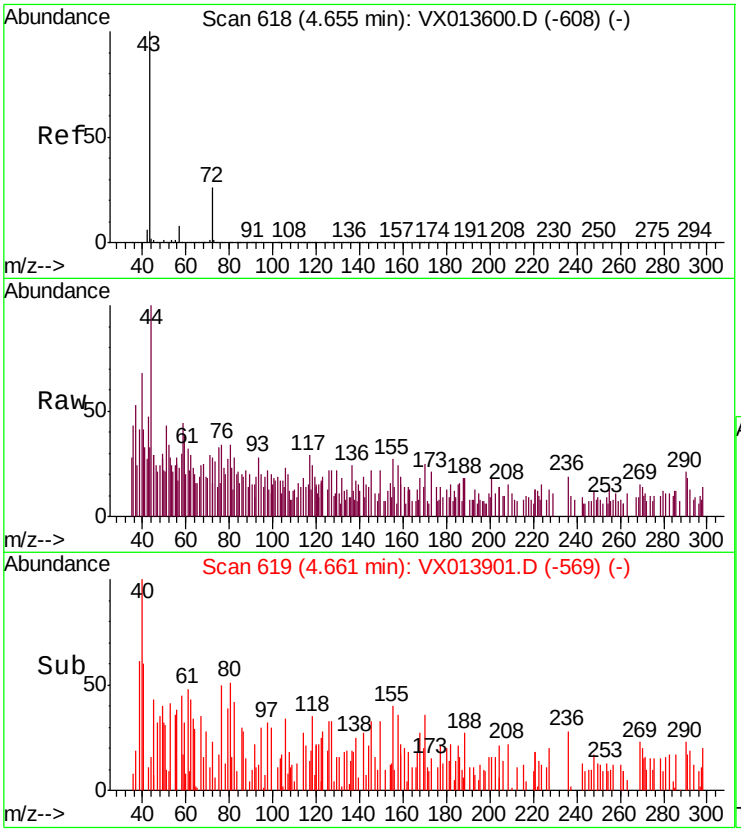


#24
1,1-Dichloroethane
Concen: 0.386 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 63 Resp: 4067

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.5	10.4
100	0.0	2.1	6.3#



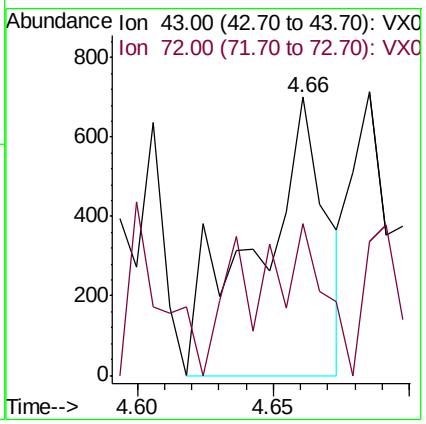


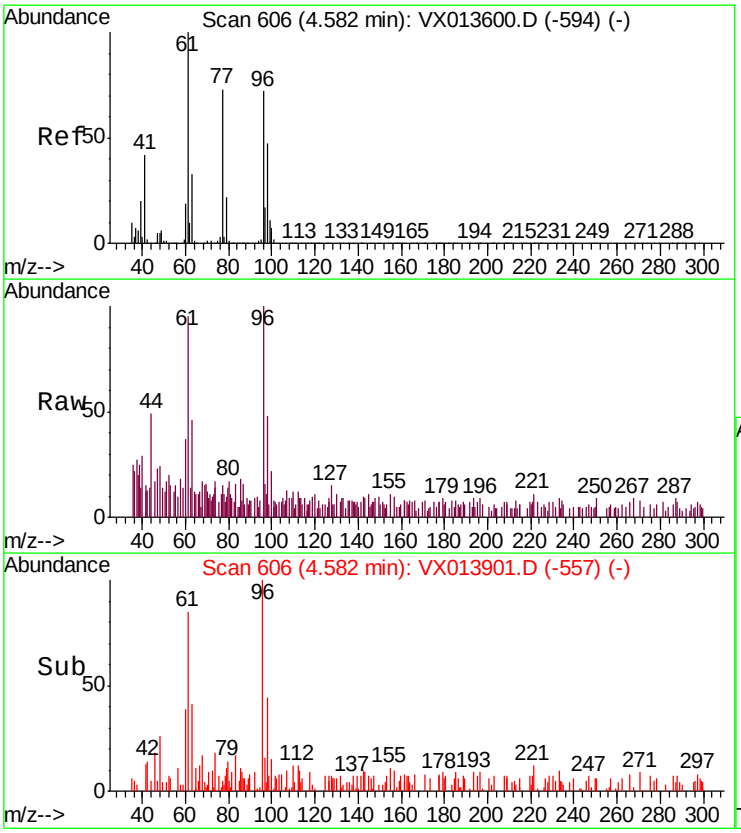
#25
2-Butanone
Concen: 0.250 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion: 43 Resp: 1237

Ion	Ratio	Lower	Upper
43	100		
72	28.2	20.6	31.0

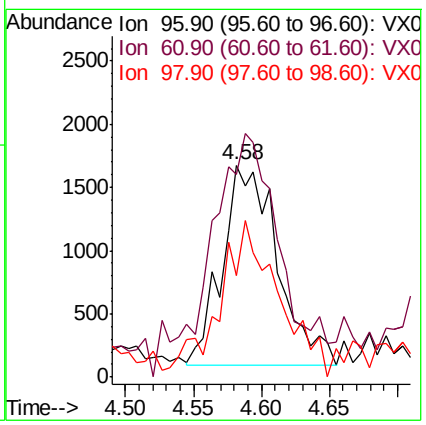


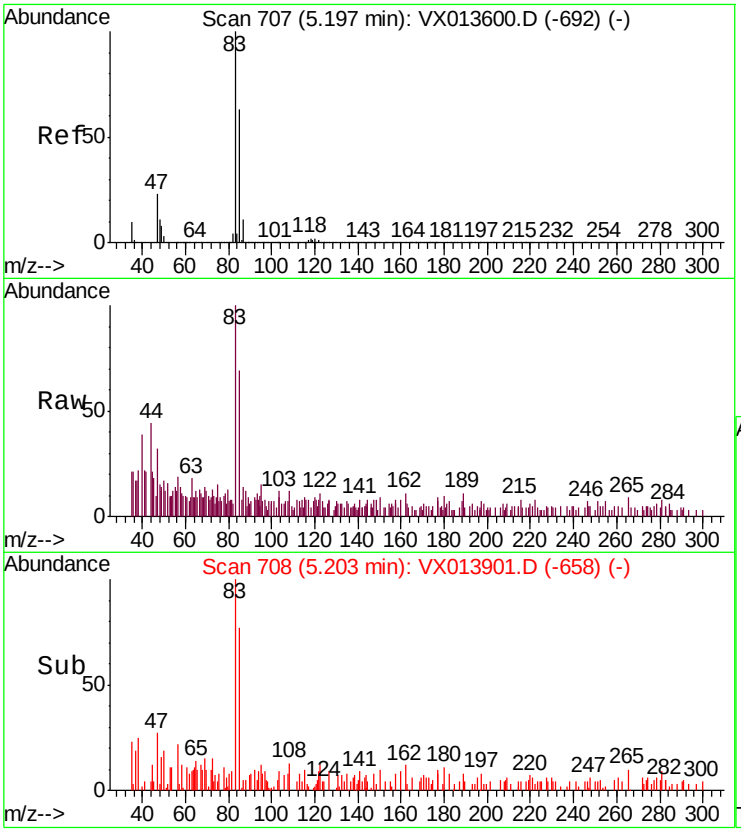


#27
cis-1,2-Dichloroethene
Concen: 0.650 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 96 Resp: 4486

Ion	Ratio	Lower	Upper
96	100		
61	155.1	0.0	286.4
98	83.7	0.0	127.4



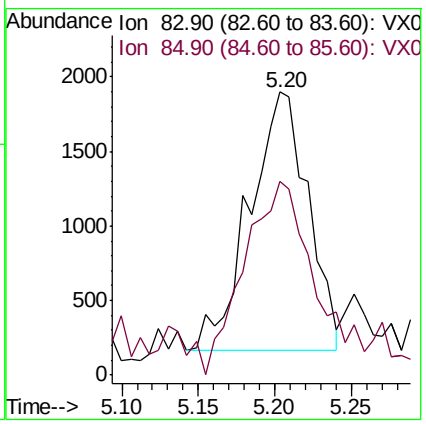


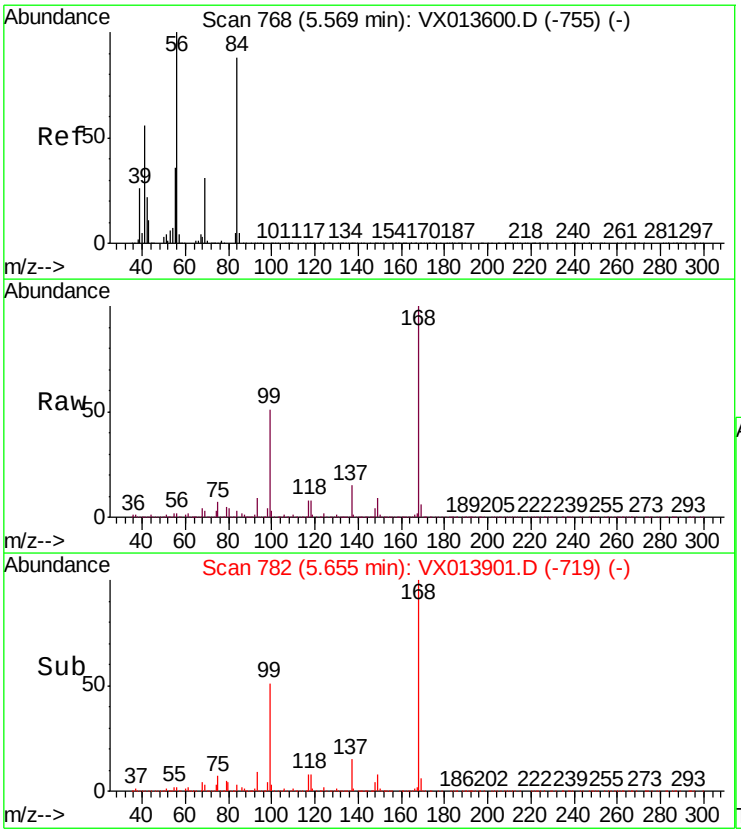
#30
Chloroform
Concen: 0.432 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion: 83 Resp: 4618

Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.2	75.4

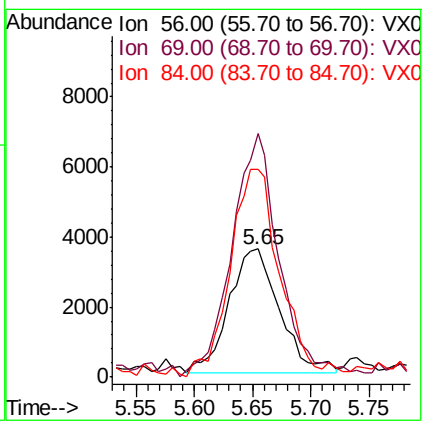


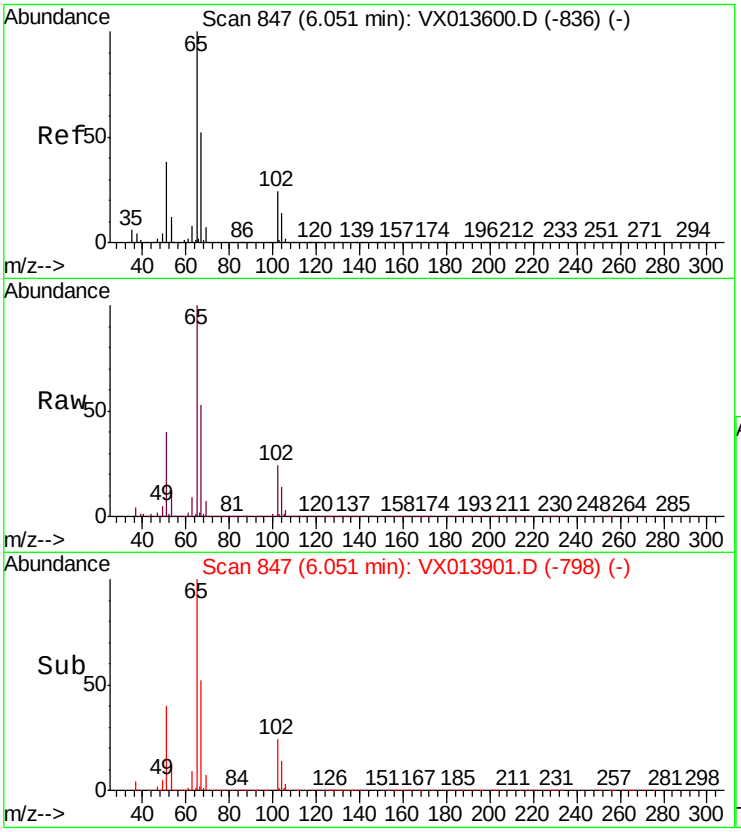


#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 56 Resp: 10584

Ion	Ratio	Lower	Upper
56	100		
69	192.3	24.6	36.8#
84	165.8	70.0	105.0#



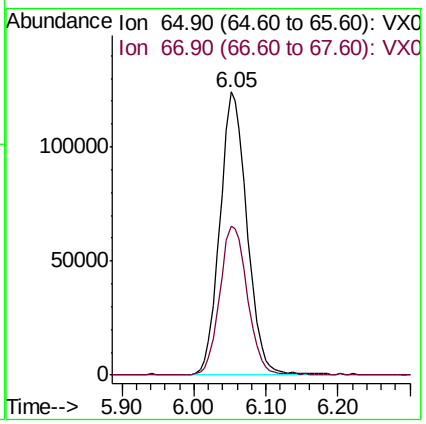


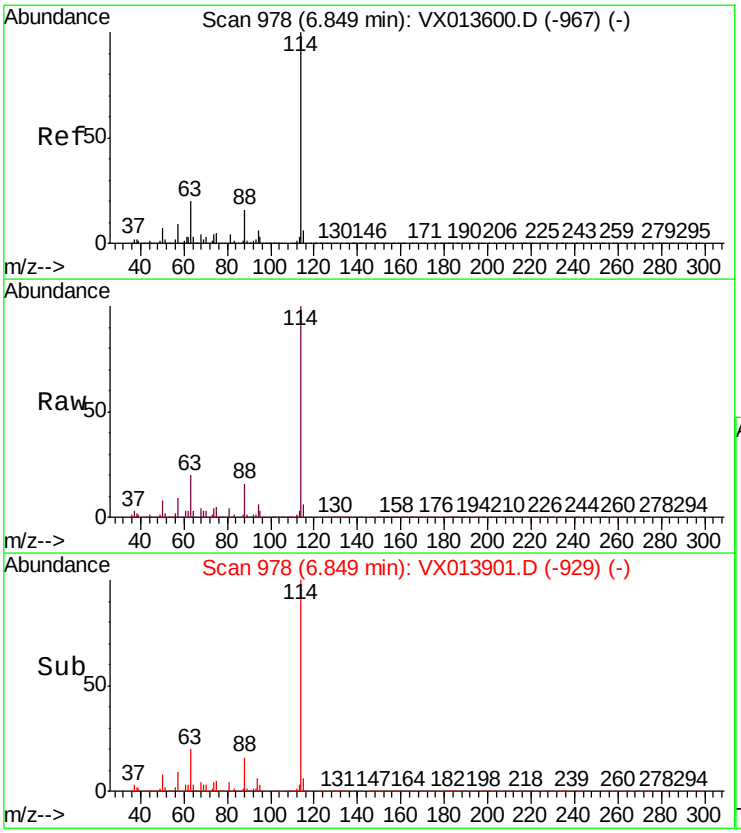
#33
1,2-Dichloroethane-d4
Concen: 47.934 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion: 65 Resp: 322700

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.4

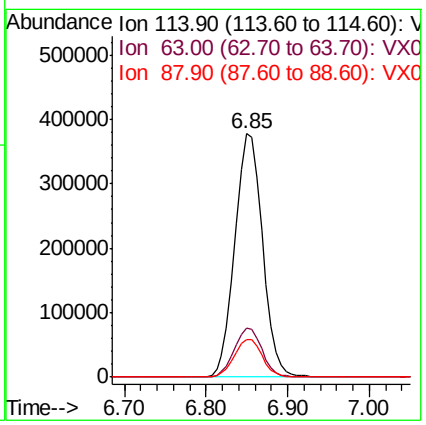


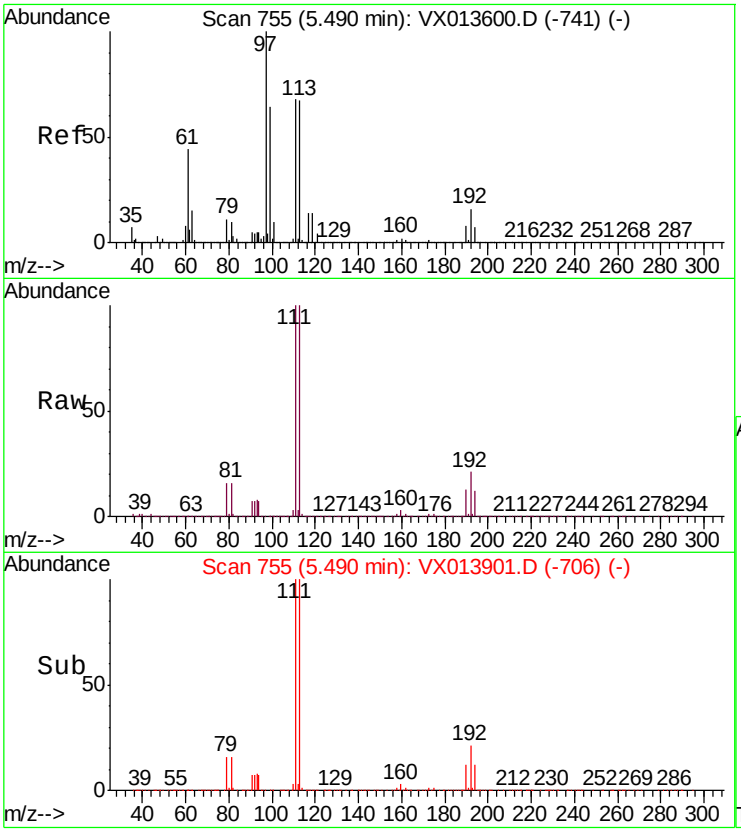


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion:114 Resp: 887932

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	15.6	0.0	31.4



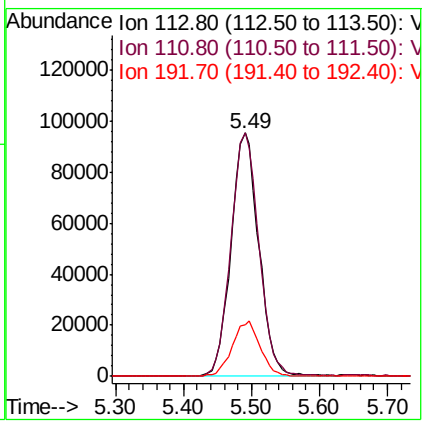


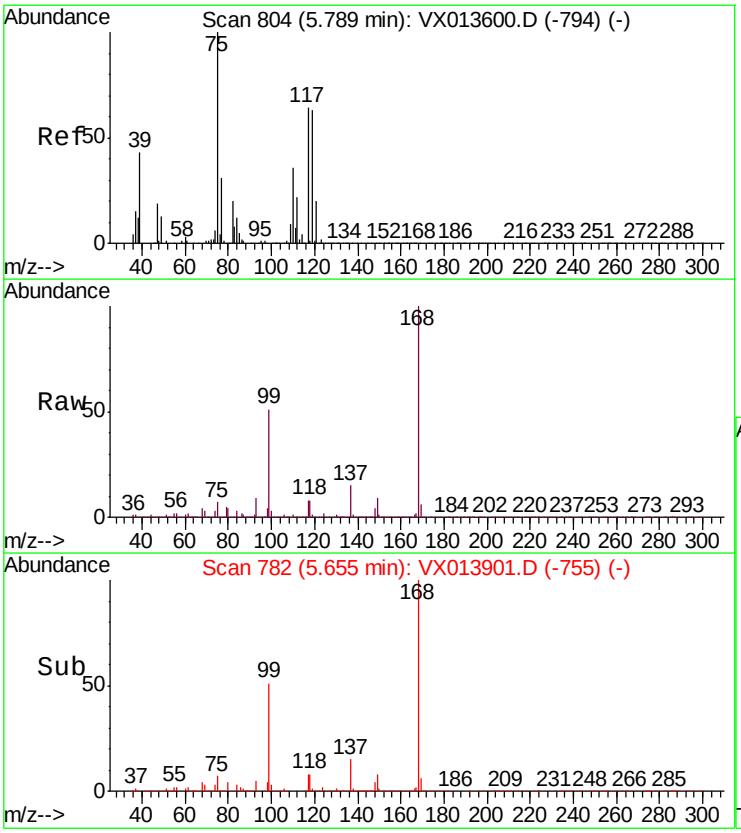
#35
Dibromofluoromethane
Concen: 49.291 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion:113 Resp: 270572

Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.6	125.4
192	22.5	19.2	28.8

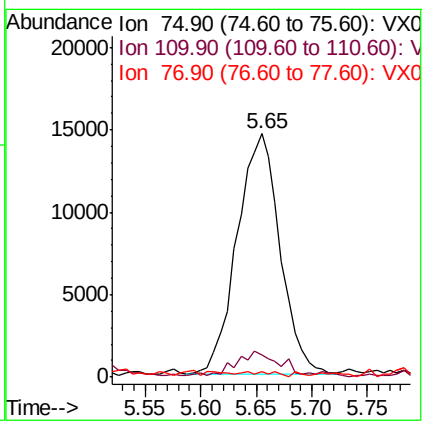


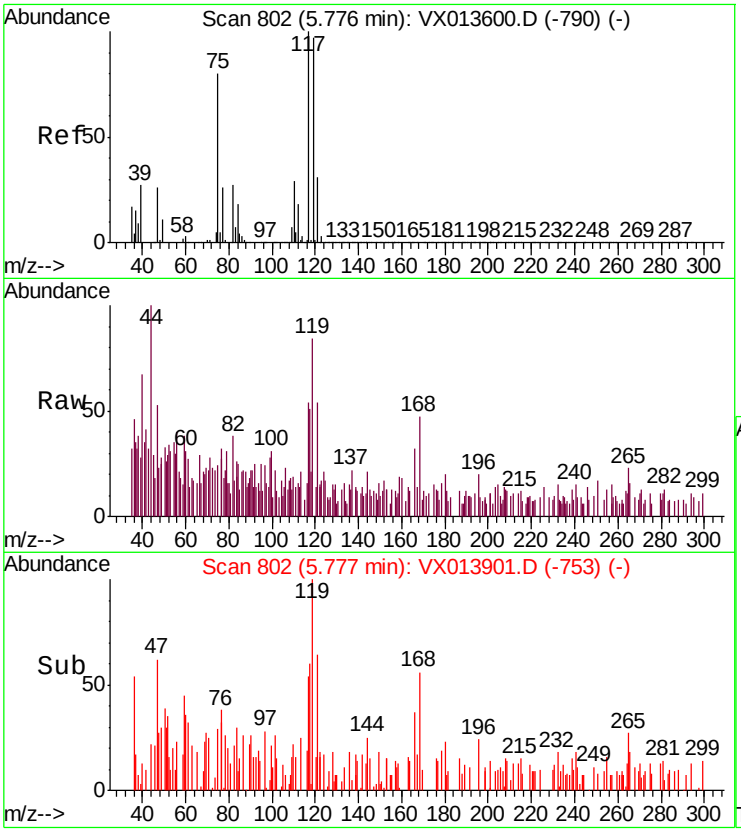


#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 75 Resp: 38971

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.3	24.5	36.7#



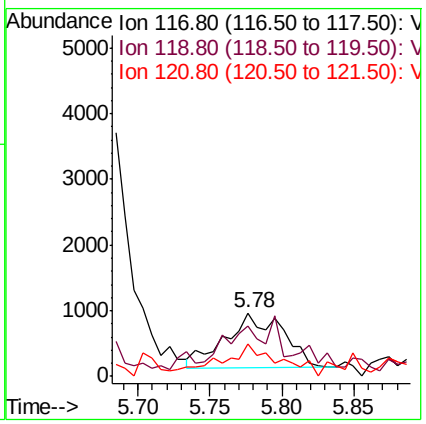


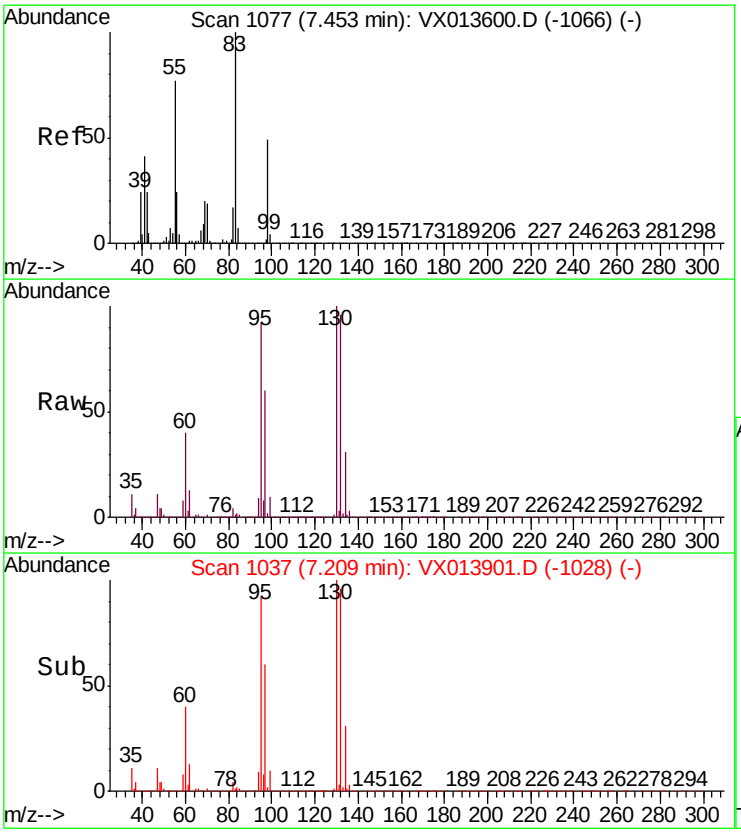
#38
Carbon Tetrachloride
Concen: 0.310 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion:117 Resp: 2302

Ion	Ratio	Lower	Upper
117	100		
119	76.2	77.5	116.3#
121	43.6	25.0	37.6#

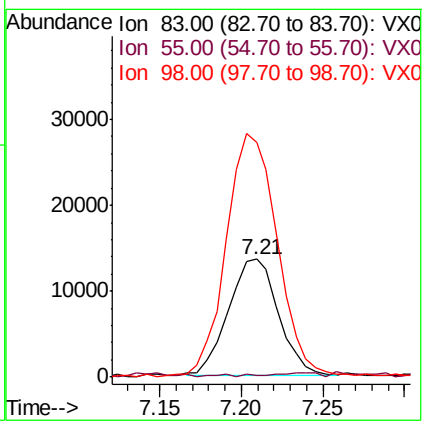


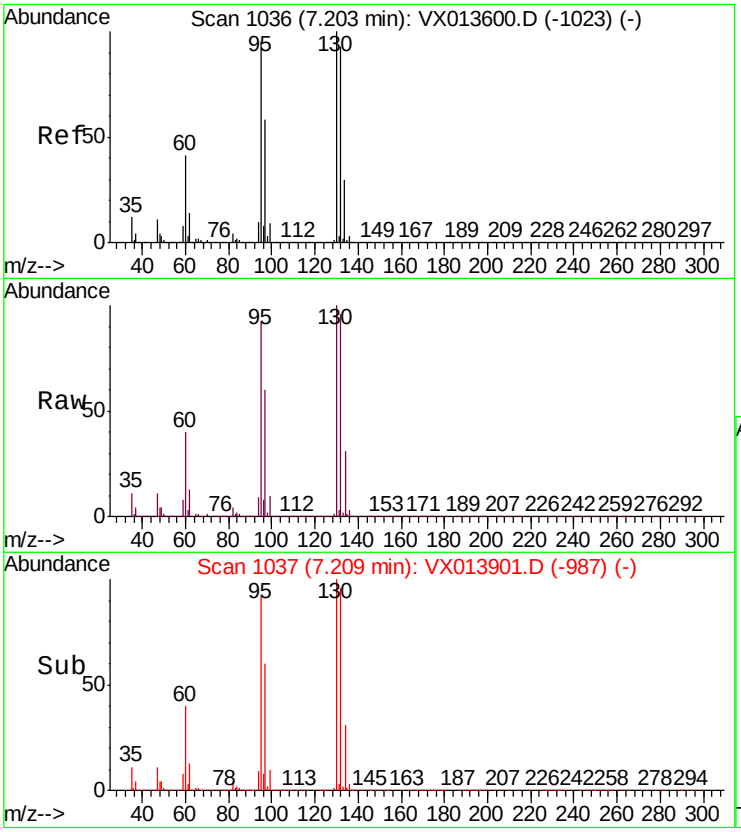


#39
Methylcyclohexane
Concen: 2.883 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 83 Resp: 28722

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	200.0	39.4	59.0#



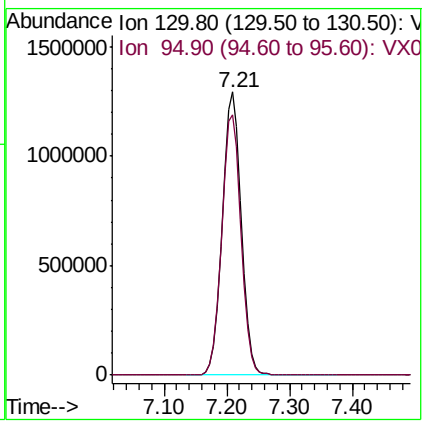


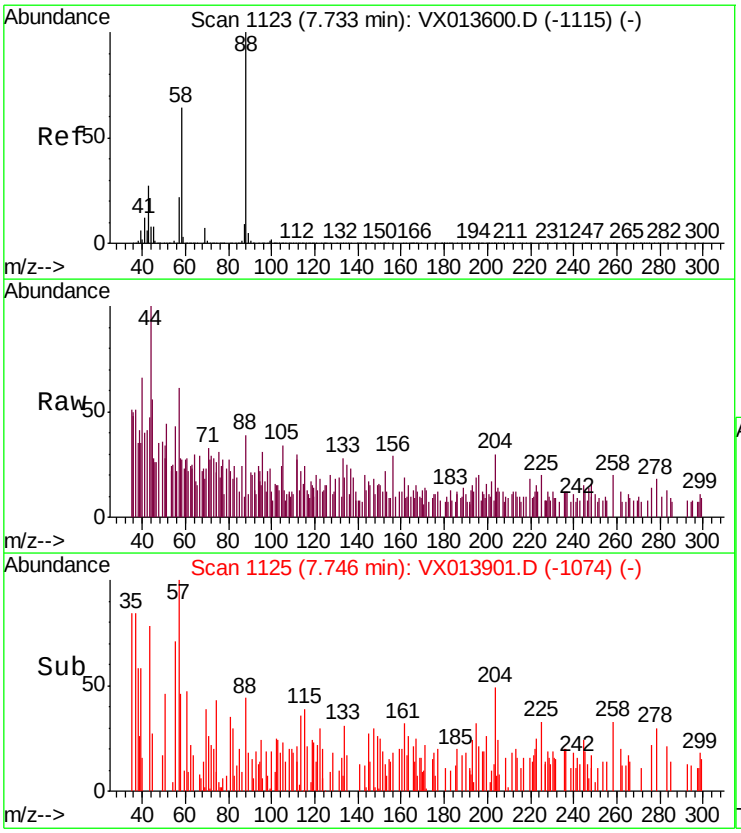
#44
Trichloroethene
Concen: 399.681 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion:130 Resp: 2692772

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	190.8

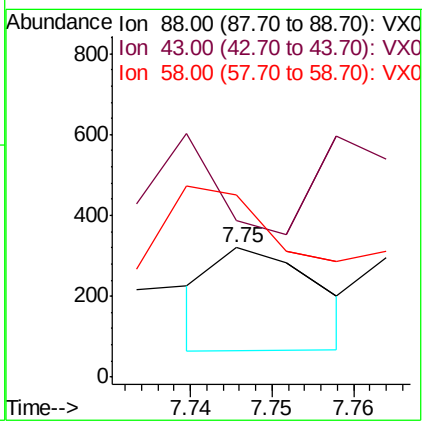


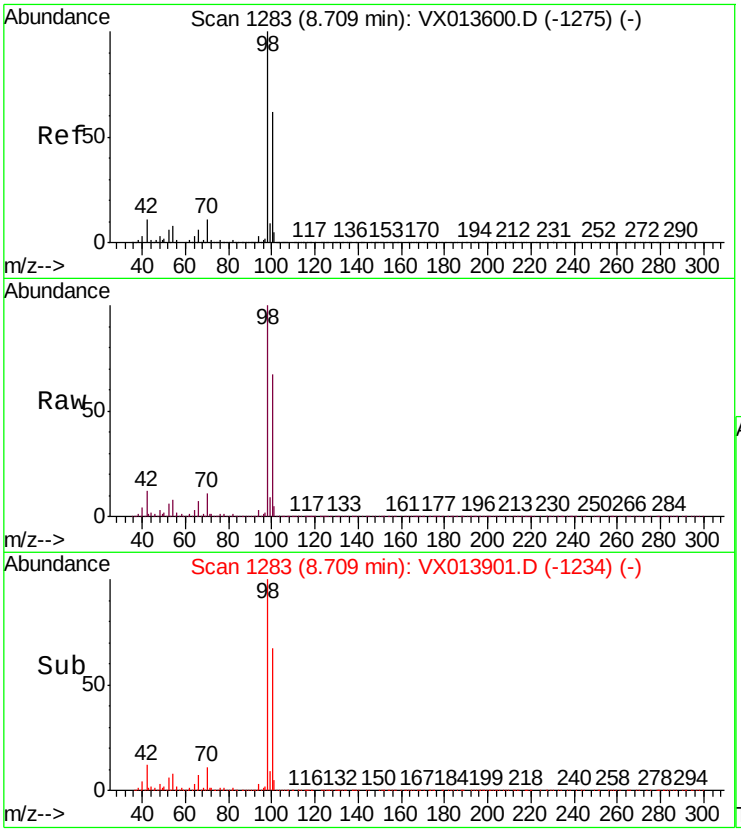


#49
1,4-Dioxane
Concen: 1.371 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 88 Resp: 222

Ion	Ratio	Lower	Upper
88	100		
43	140.5	25.8	38.6#
58	414.9	54.6	82.0#



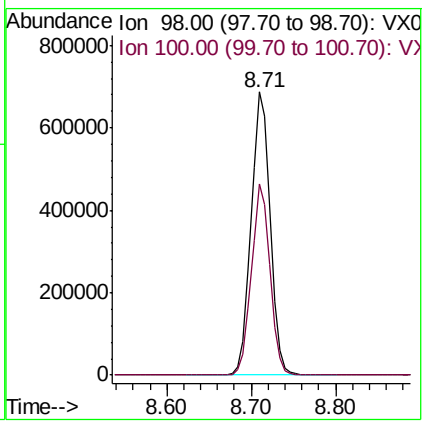


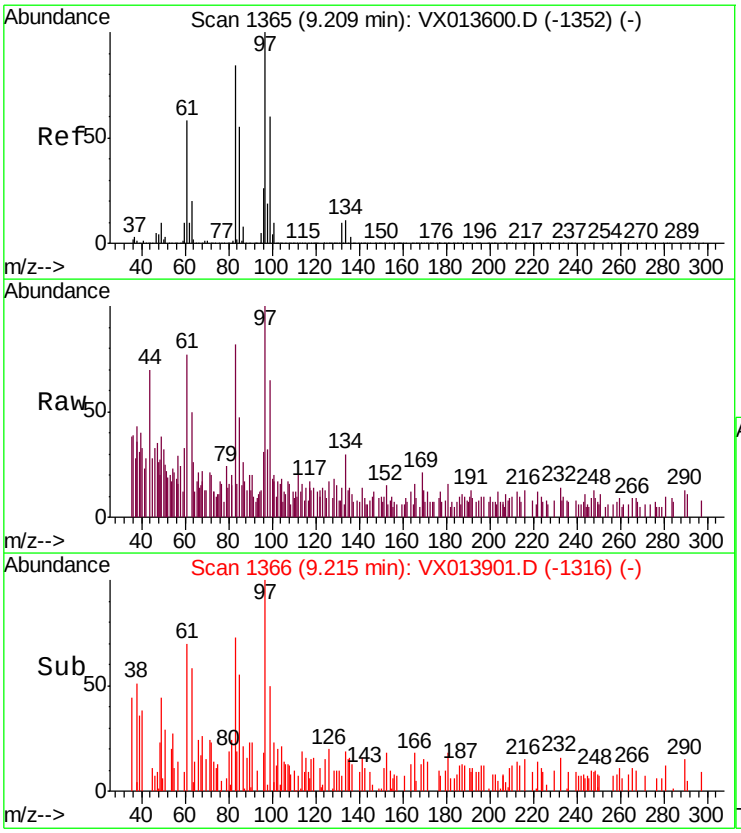
#50
Toluene-d8
Concen: 48.947 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument : MSVOA_X
ClientSampleId : RE103D3-20191204

Tgt Ion: 98 Resp: 1046835

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7

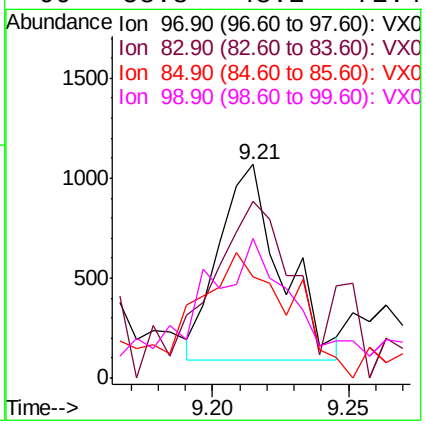


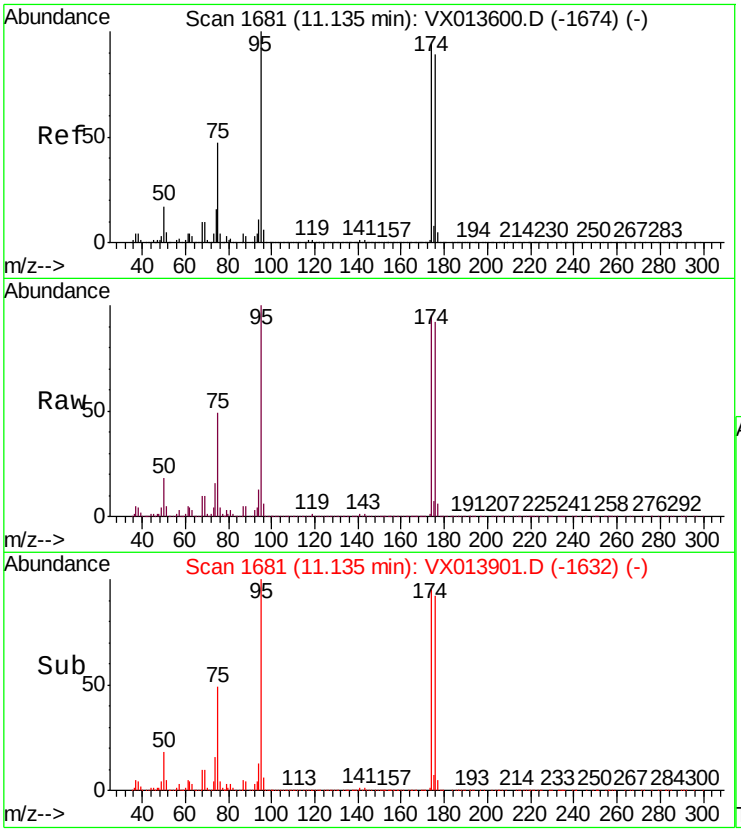


#55
1,1,2-Trichloroethane
Concen: 0.255 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 97 Resp: 1565

Ion	Ratio	Lower	Upper
97	100		
83	64.7	67.3	100.9#
85	45.8	43.6	65.4
99	58.8	48.2	72.4



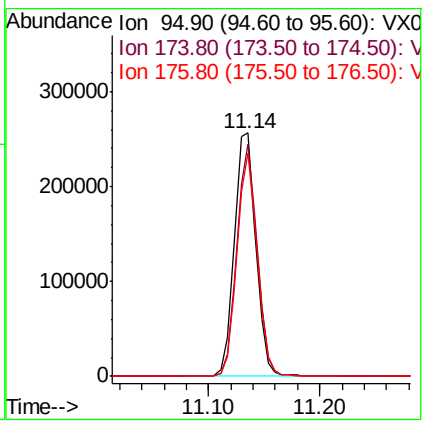


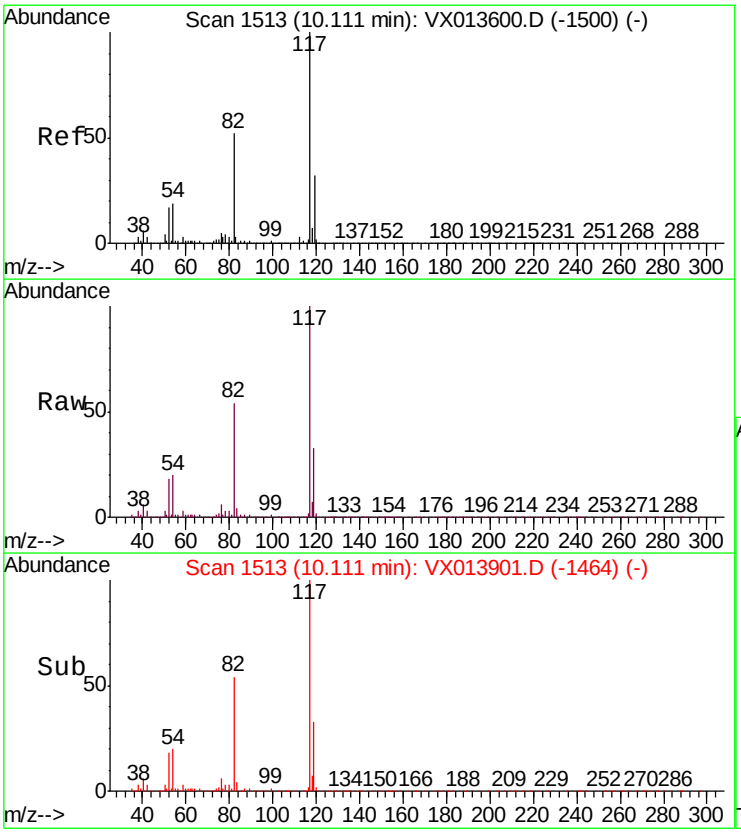
#62
4-Bromofluorobenzene
Concen: 44.359 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion: 95 Resp: 342107

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

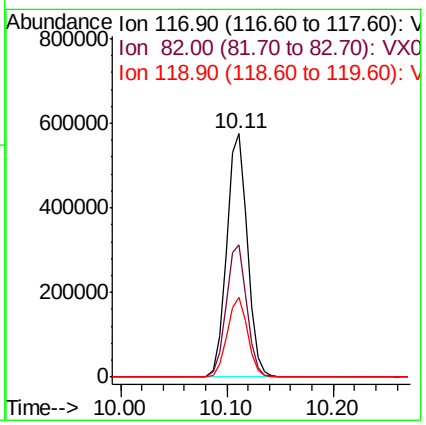


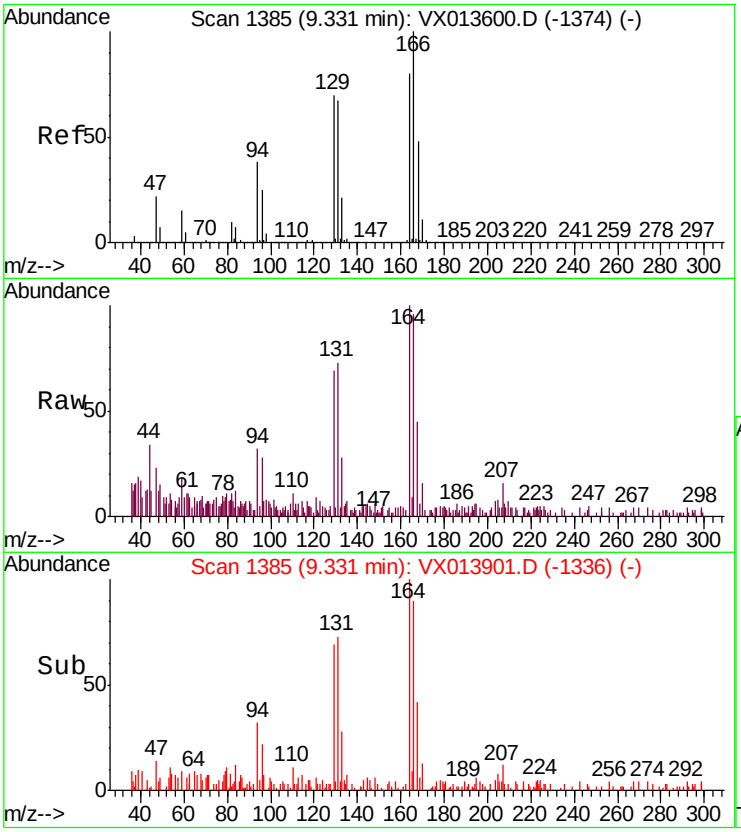


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion:117 Resp: 785994

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.8	62.8
119	32.7	25.8	38.8



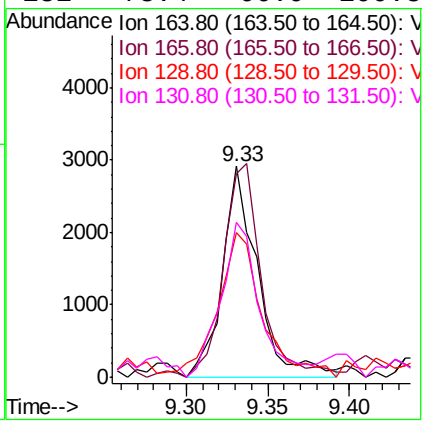


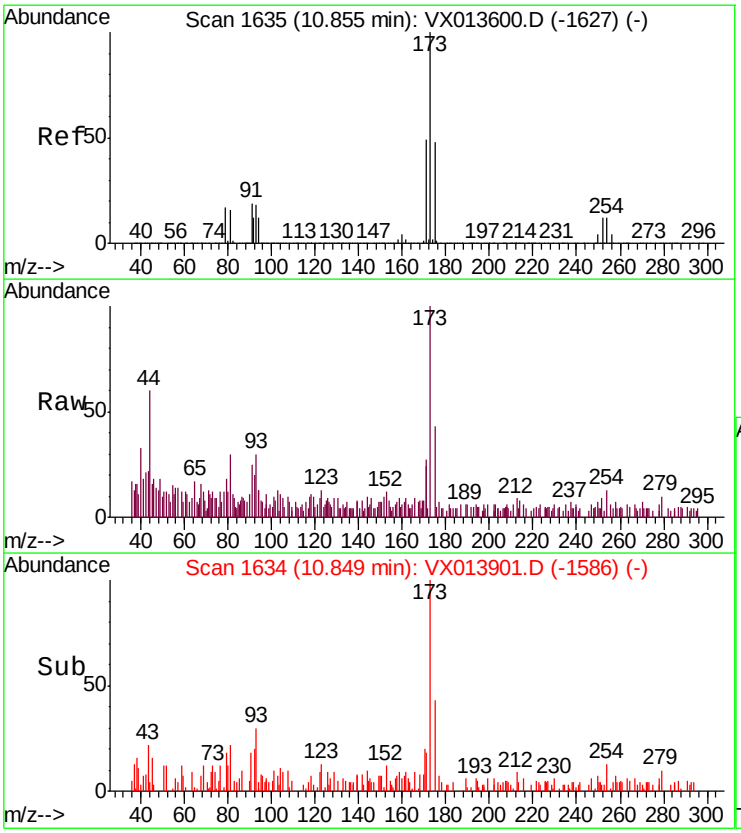
#64
Tetrachloroethene
Concen: 0.746 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion:164 Resp: 4375

Ion	Ratio	Lower	Upper
164	100		
166	96.2	99.7	149.5#
129	68.8	70.1	105.1#
131	73.4	66.9	100.3

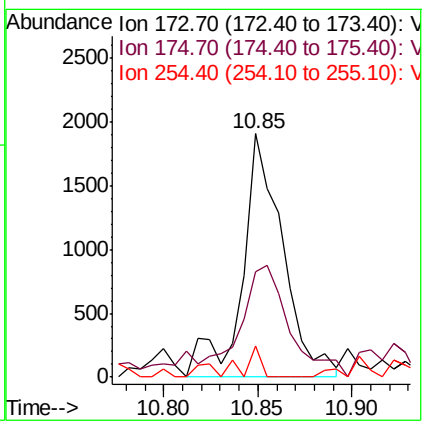


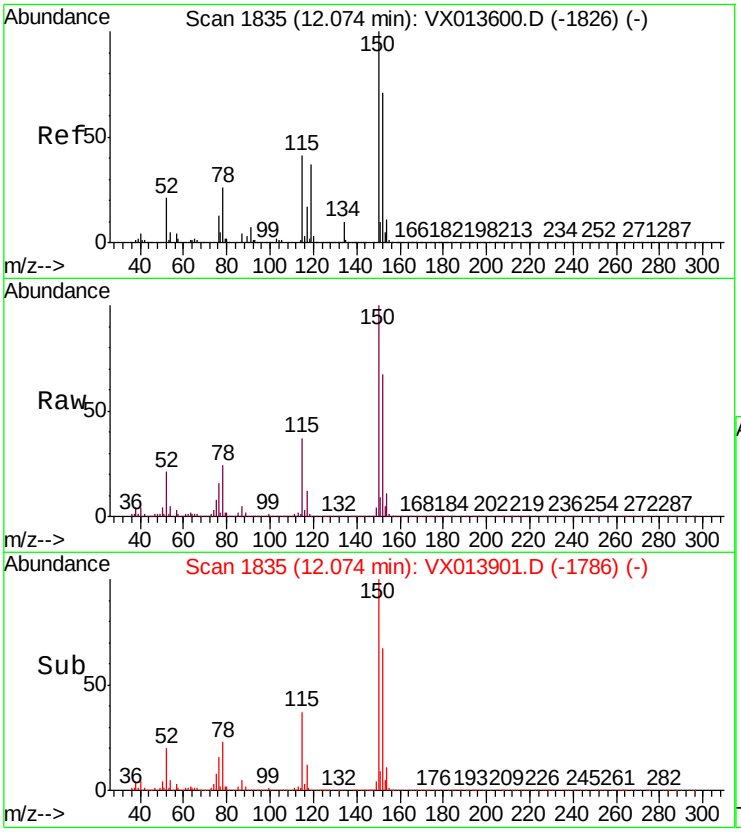


#71
Bromoform
Concen: 0.589 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion:173 Resp: 2855

Ion	Ratio	Lower	Upper
173	100		
175	55.8	24.3	72.8
254	4.9	0.2	0.4#



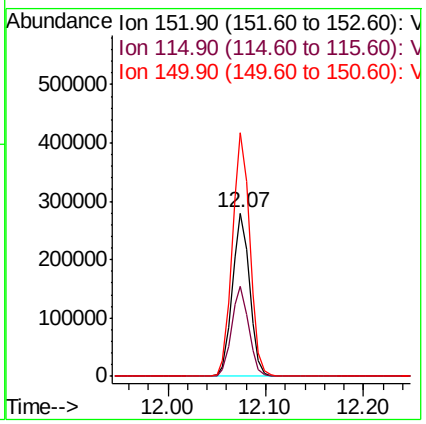


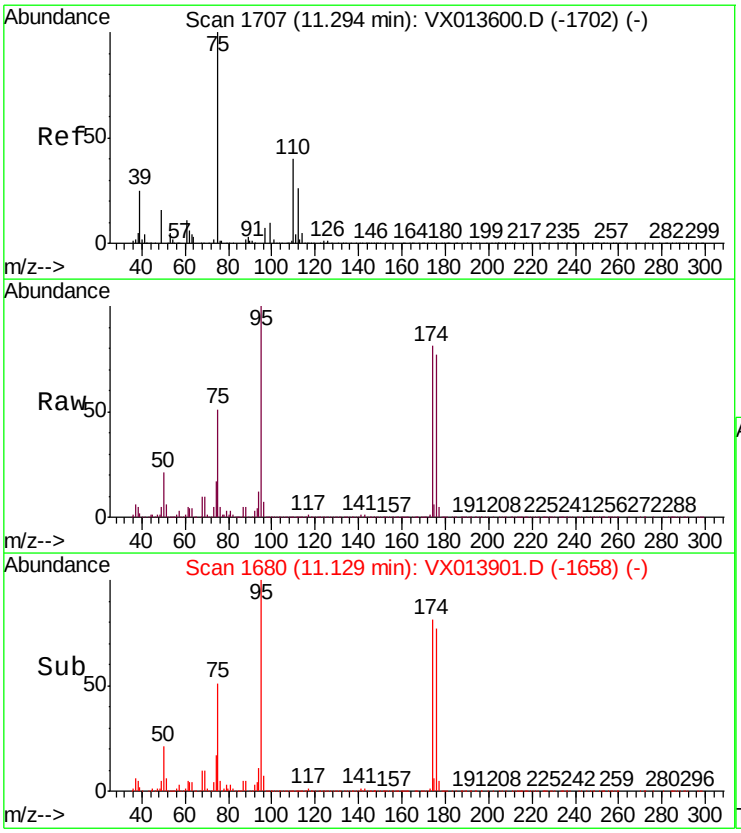
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion:152 Resp: 340497

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.4	115.1
150	151.8	0.0	346.8

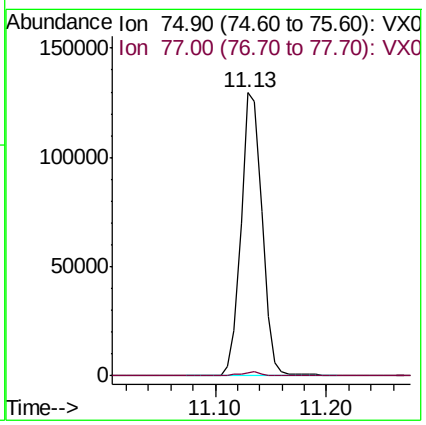


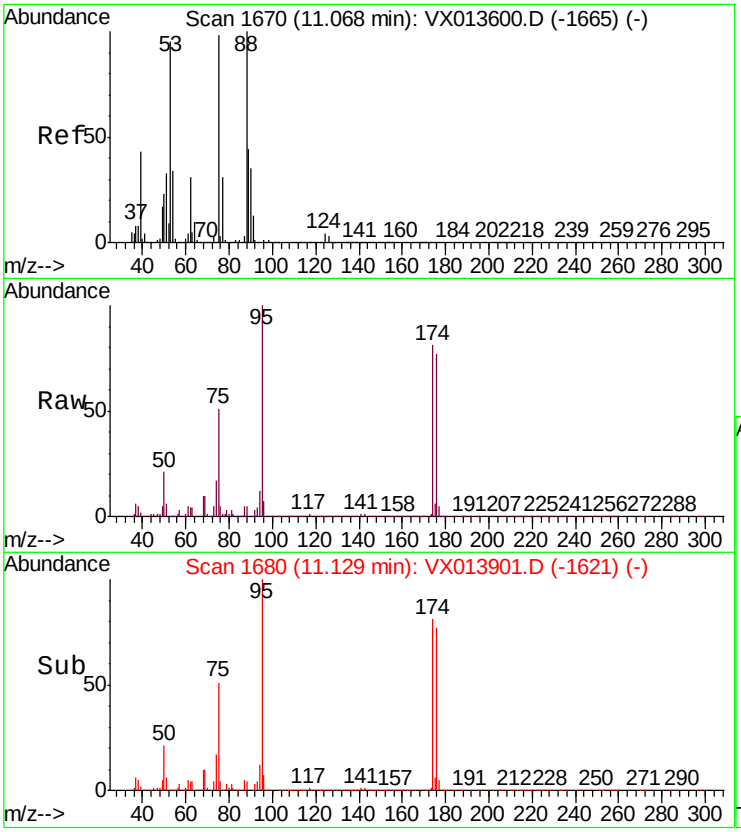


#76
1,2,3-Trichloropropane
Concen: 22.138 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion: 75 Resp: 169544

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.567 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

Tgt Ion: 75 Resp: 169544

Ion	Ratio	Lower	Upper
75	100		
53	0.4	78.2	117.2#
89	0.0	35.4	53.2#