Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX013858.D
Acq On : 09 Dec 2019 18:07
Operator : JC/SP
Sample : K6185-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Quant Time: Dec 12 08:11:36 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	610260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	946835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	839941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	360711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	337253	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.22%			
35) Dibromofluoromethane	5.49	113	282861	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.64%			
50) Toluene-d8	8.71	98	1100624	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.52%			
62) 4-Bromofluorobenzene	11.14	95	366862	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	1820	0.268	ug/l	86
4) Vinyl Chloride	1.40	62	5925	0.691	ug/l #	75
6) Chloroethane	1.59	64	8439	1.729	ug/l #	56
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134310	23.084	ug/l	99
11) Tert butyl alcohol	3.03	59	3983	2.278	ug/l #	6
12) 1,1-Dichloroethene	2.37	96	36959	6.364	ug/l	97
13) Acrolein	2.29	56	321	6.272	ug/l #	57
15) Acrylonitrile	3.12	53	734	0.203	ug/l #	17
16) Acetone	2.43	43	5603	1.602	ug/l	89
18) Methyl Acetate	2.59	43	23788	2.443	ug/l #	54
20) Methylene Chloride	2.86	84	1952	0.291	ug/l #	41
24) 1,1-Dichloroethane	3.69	63	16511	1.488	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	19105	2.629	ug/l	85
29) Tetrahydrofuran	5.15	42	3502	1.093	ug/l #	48
30) Chloroform	5.20	83	9810	0.872	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	3617	0.385	ug/l #	26
36) 1,1-Dichloropropene	5.65	75	42279	4.919	ug/l #	52
38) Carbon Tetrachloride	5.78	117	10480	1.322	ug/l	89
39) Methylcyclohexane	7.21	83	80358	7.564	ug/l #	1
42) 1,2-Dichloroethane	6.19	62	1924	0.216	ug/l #	70
44) Trichloroethene	7.21	130	7287317	1014.347	ug/l	98
49) 1,4-Dioxane	7.75	88	800	4.634	ug/l #	1
55) 1,1,2-Trichloroethane	9.21	97	5414	0.826	ug/l	92
64) Tetrachloroethene	9.33	164	15889	2.537	ug/l #	86
76) 1,2,3-Trichloropropane	11.13	75	180535	22.252	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	180535	60.879	ug/l #	11

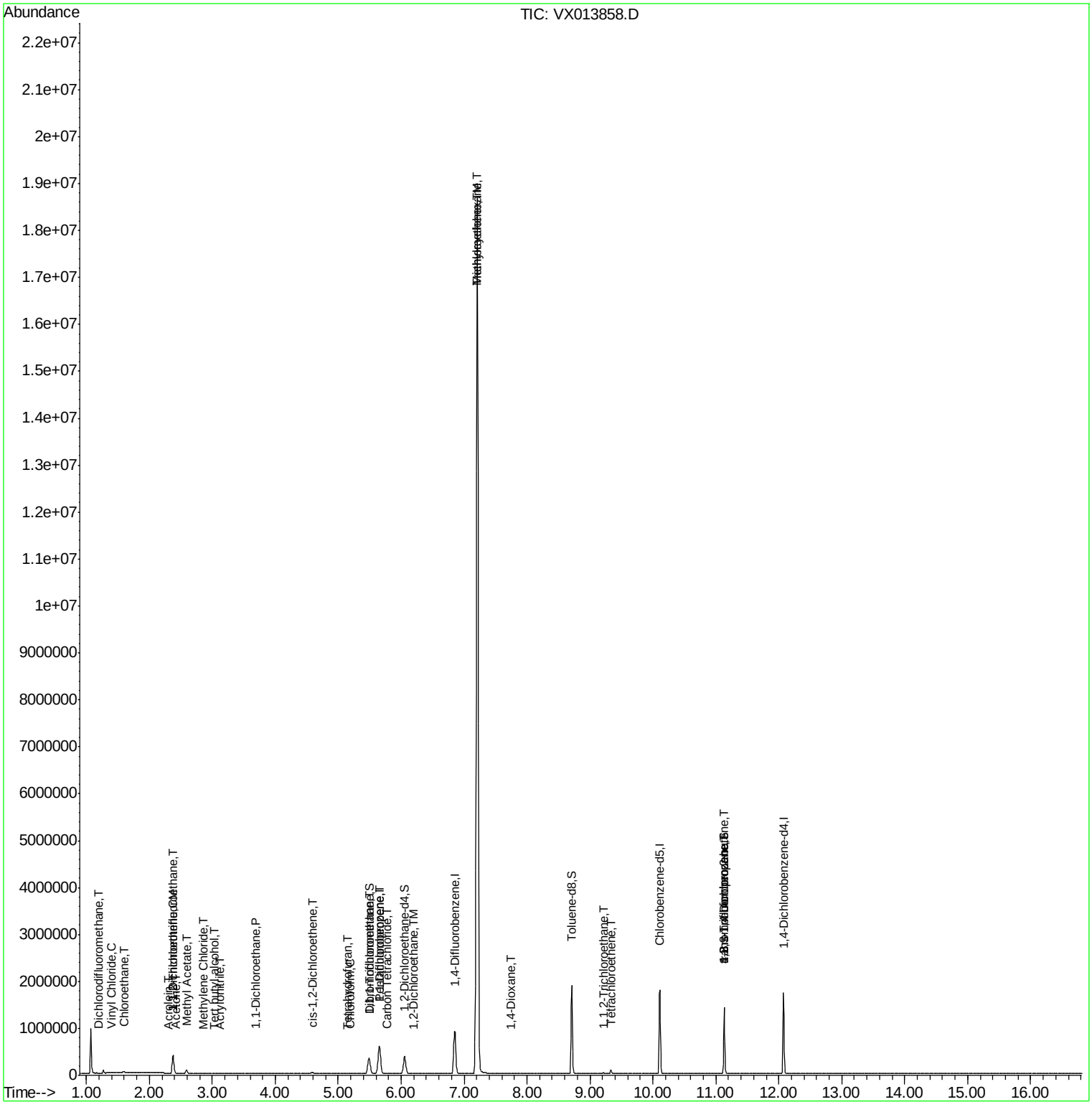
(#) = qualifier out of range (m) = manual integration (+) = signals summed

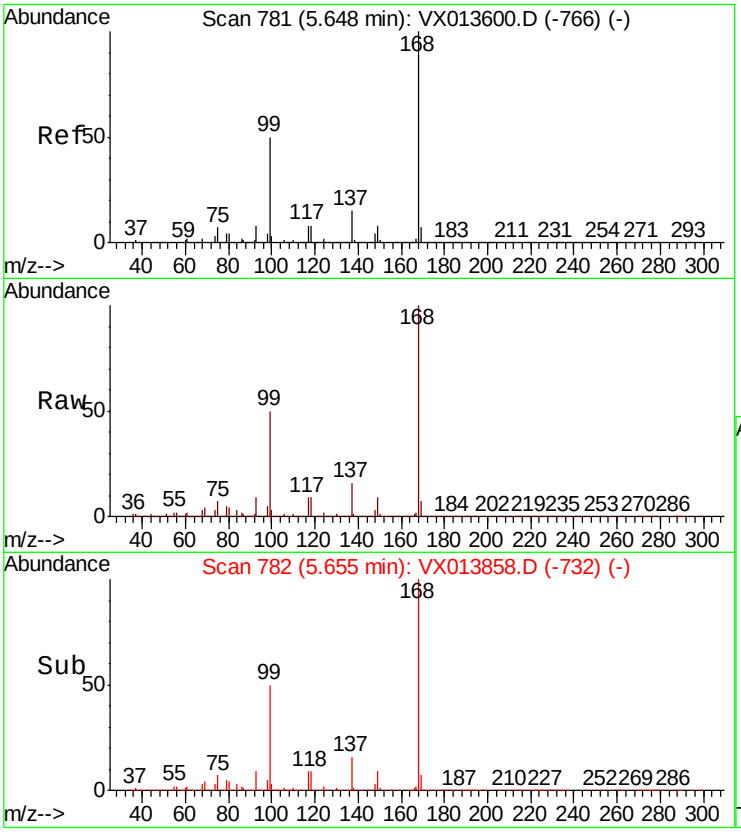
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX013858.D
Acq On : 09 Dec 2019 18:07
Operator : JC/SP
Sample : K6185-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Quant Time: Dec 12 08:11:36 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



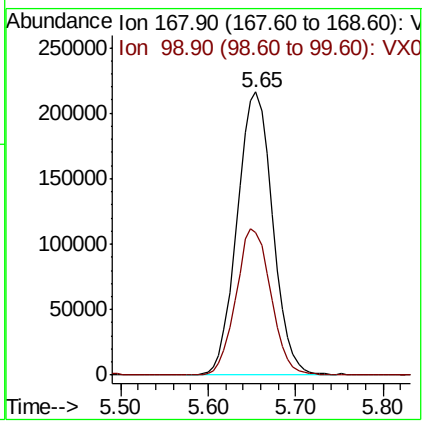


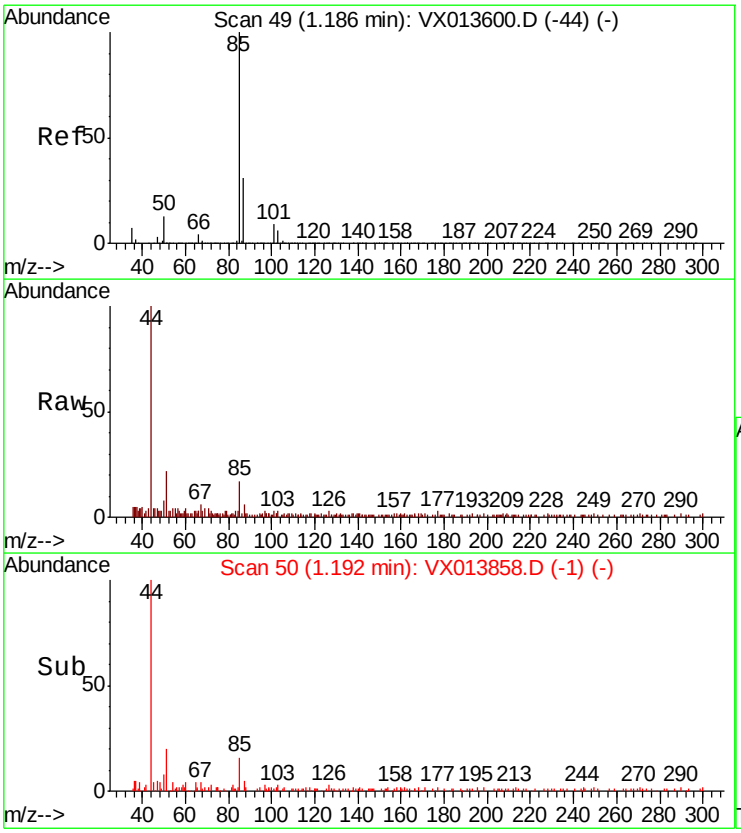
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:168 Resp: 610260

Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.8	59.8

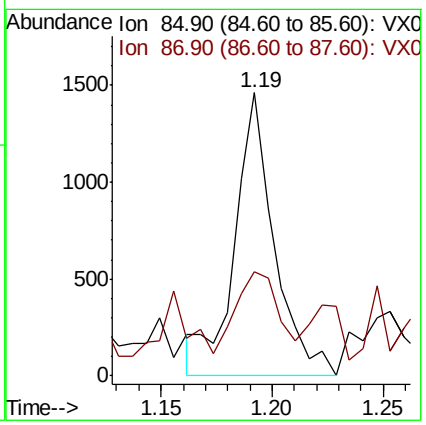


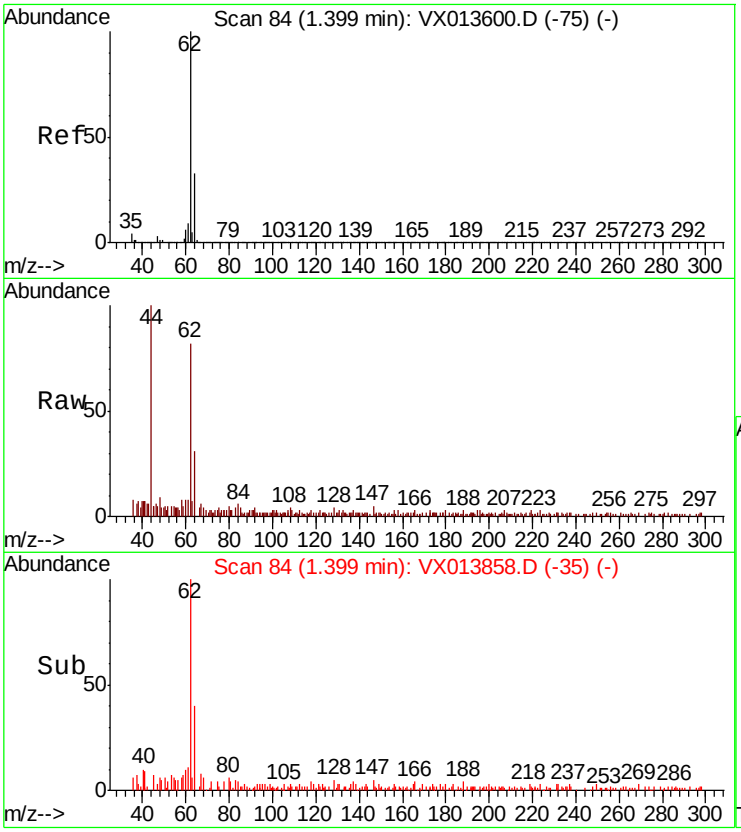


#2
Dichlorodifluoromethane
Concen: 0.268 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 85 Resp: 1820

Ion	Ratio	Lower	Upper
85	100		
87	23.5	15.7	47.1



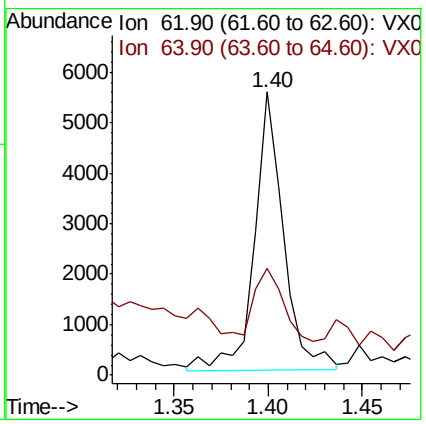


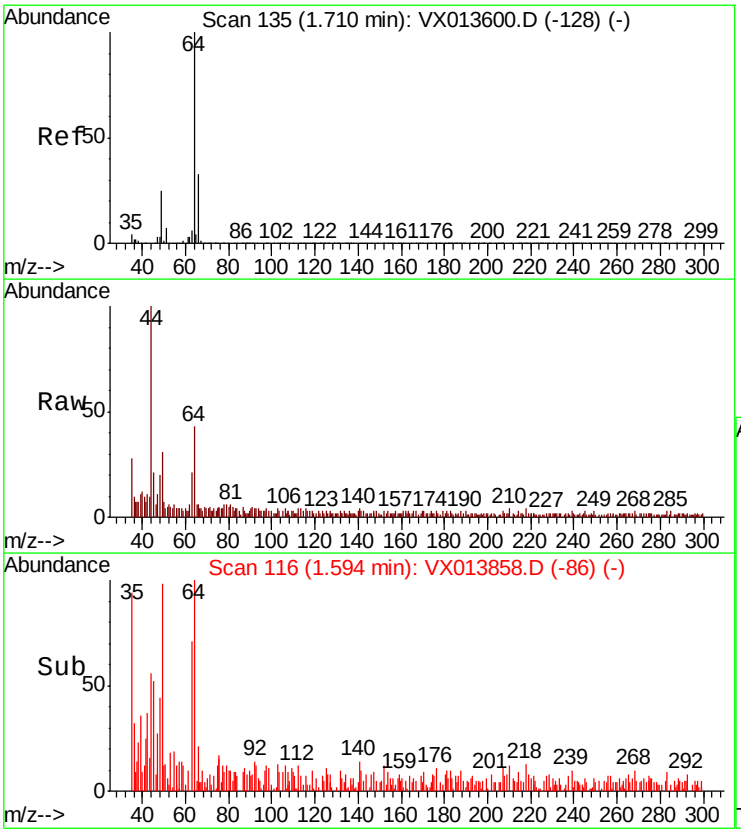
#4
Vinyl Chloride
Concen: 0.691 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 62 Resp: 5925

Ion	Ratio	Lower	Upper
62	100		
64	18.7	26.0	39.0#

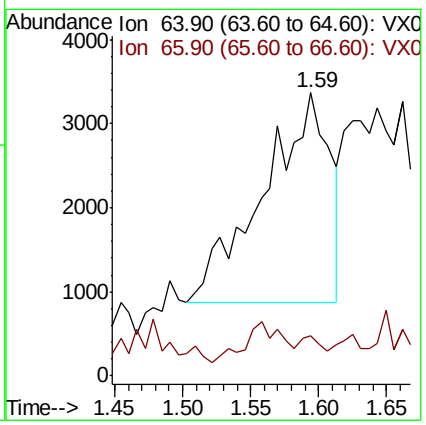


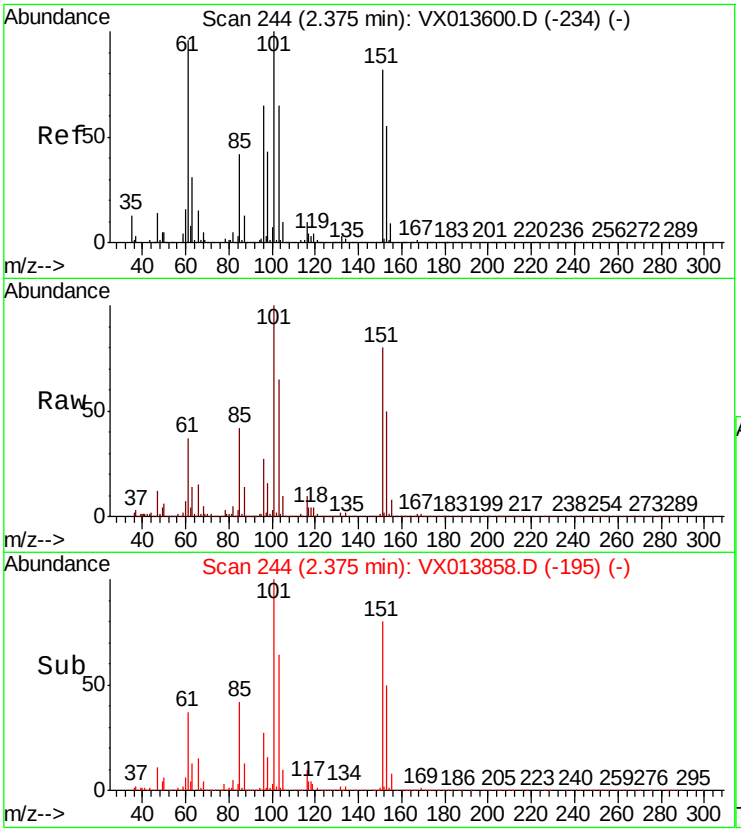


#6
Chloroethane
Concen: 1.729 ug/l
RT: 1.59 min Scan# 116
Delta R.T. -0.12 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 64 Resp: 8439

Ion	Ratio	Lower	Upper
64	100		
66	8.4	26.7	40.1#



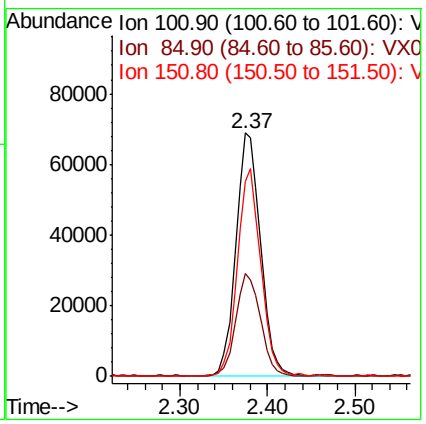


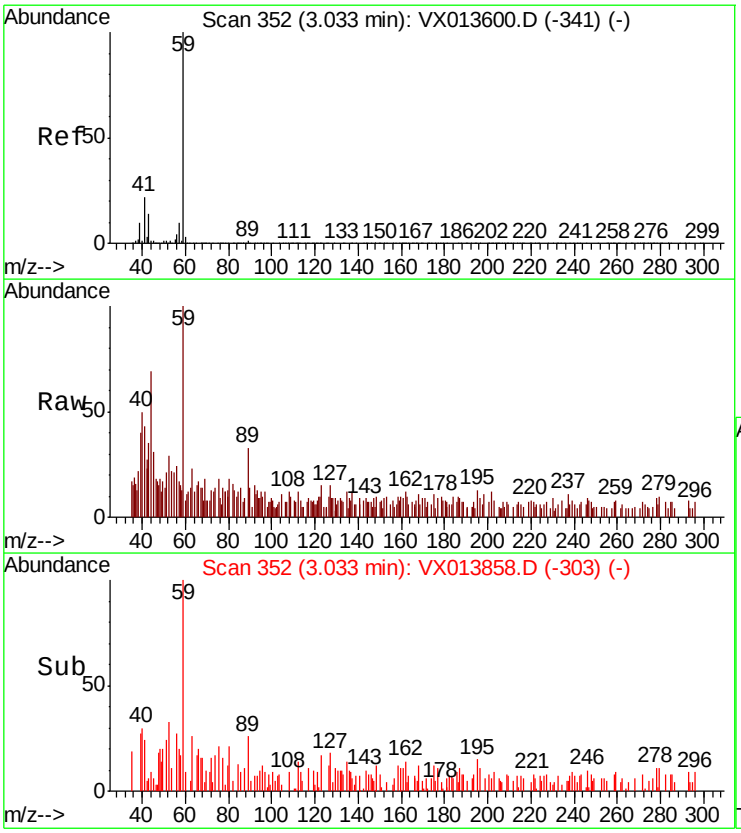
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.084 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:101 Resp: 134310

Ion	Ratio	Lower	Upper
101	100		
85	42.4	33.9	50.9
151	81.8	64.2	96.2

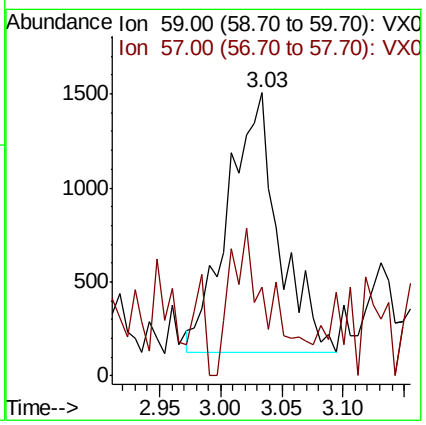


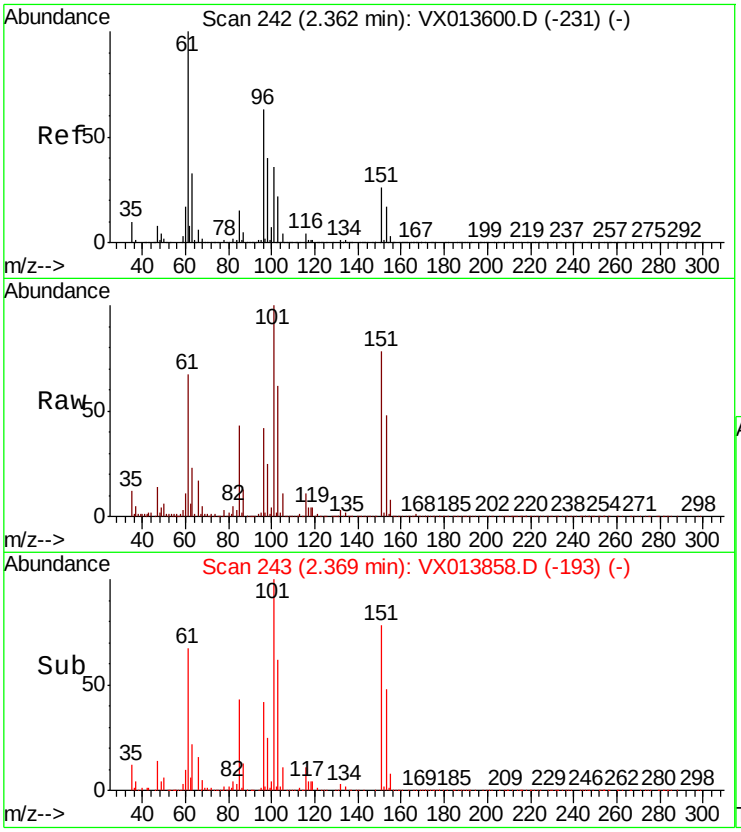


#11
Tert butyl alcohol
Concen: 2.278 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 59 Resp: 3983

Ion	Ratio	Lower	Upper
59	100		
57	44.4	7.8	11.6#



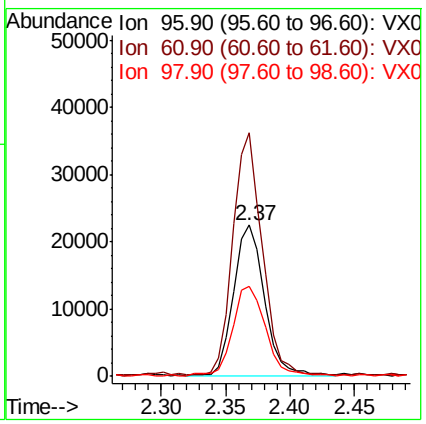


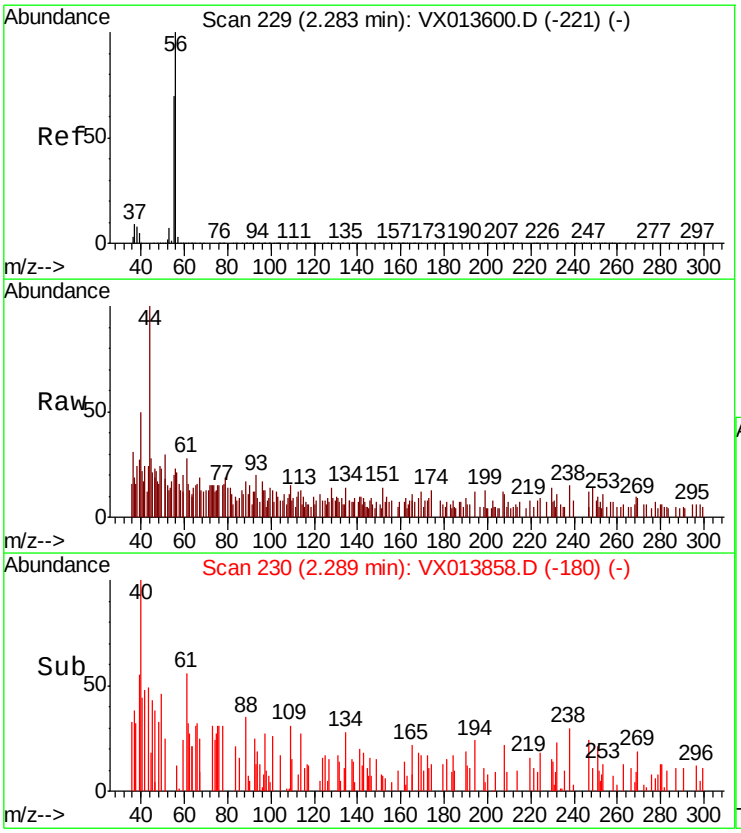
#12
1,1-Dichloroethene
Concen: 6.364 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 96 Resp: 36959

Ion	Ratio	Lower	Upper
96	100		
61	161.7	126.6	190.0
98	60.4	50.6	76.0

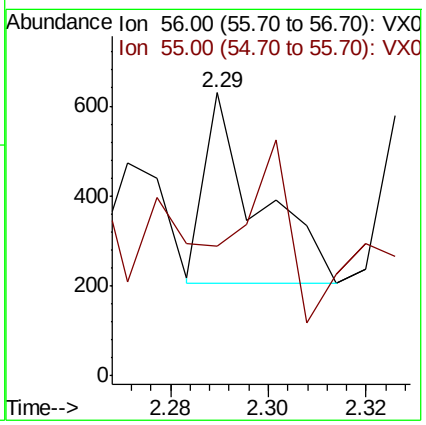


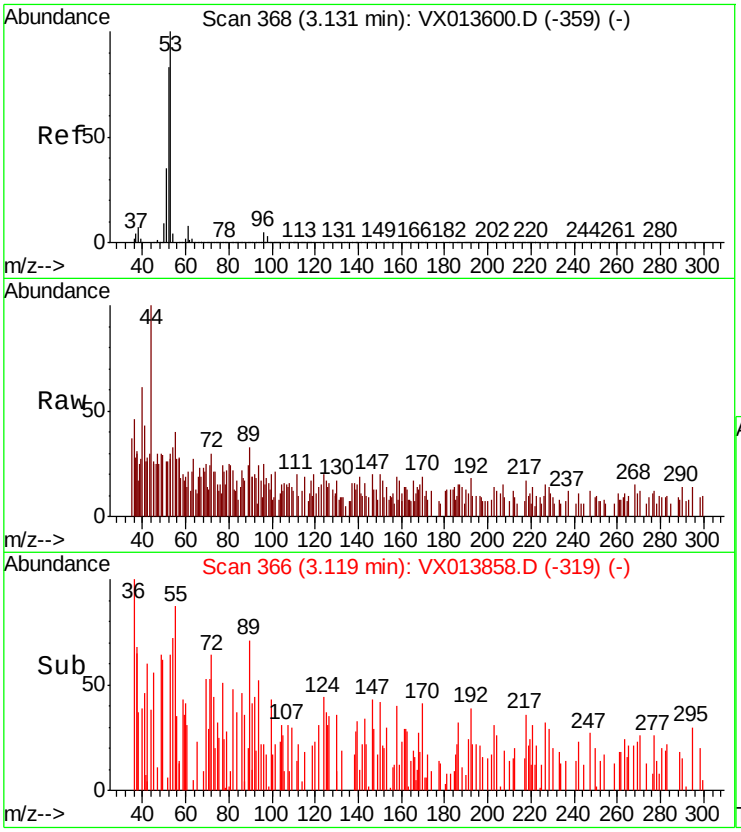


#13
Acrolein
Concen: 6.272 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 56 Resp: 321

Ion	Ratio	Lower	Upper
56	100		
55	34.9	56.2	84.4#



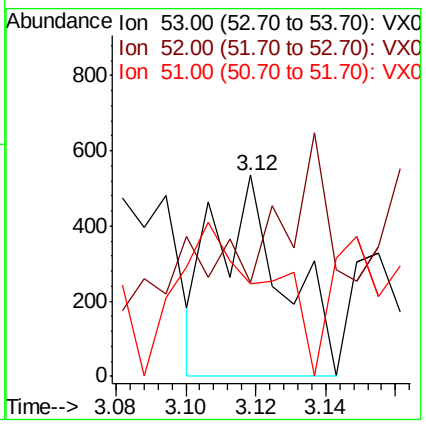


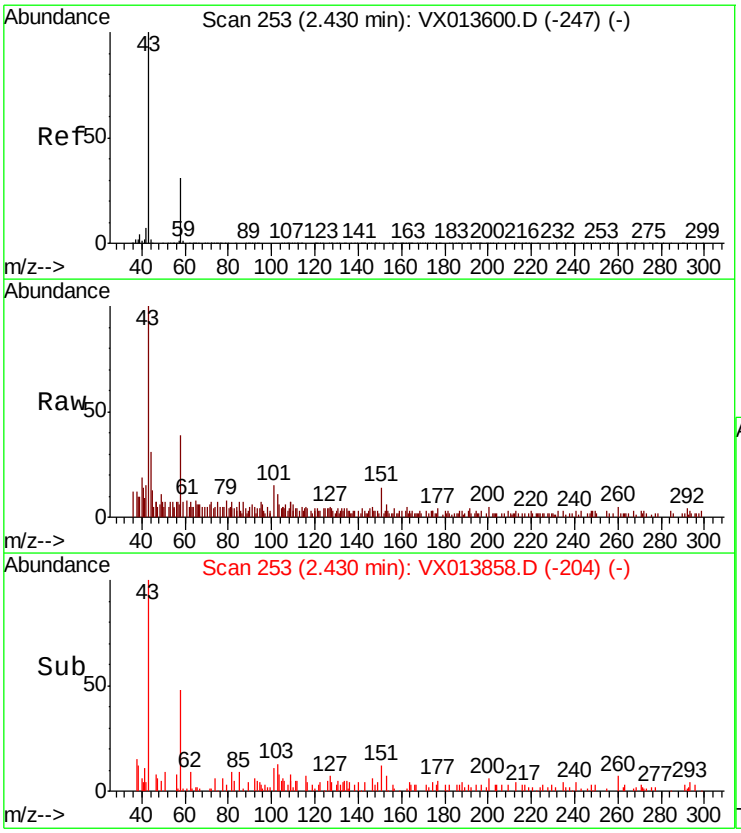
#15
Acrylonitrile
Concen: 0.203 ug/l
RT: 3.12 min Scan# 366
Delta R.T. -0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Tgt Ion: 53 Resp: 734

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

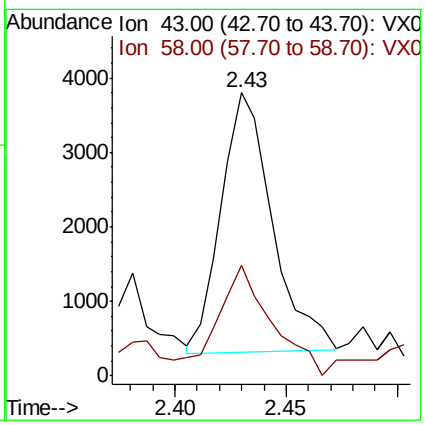


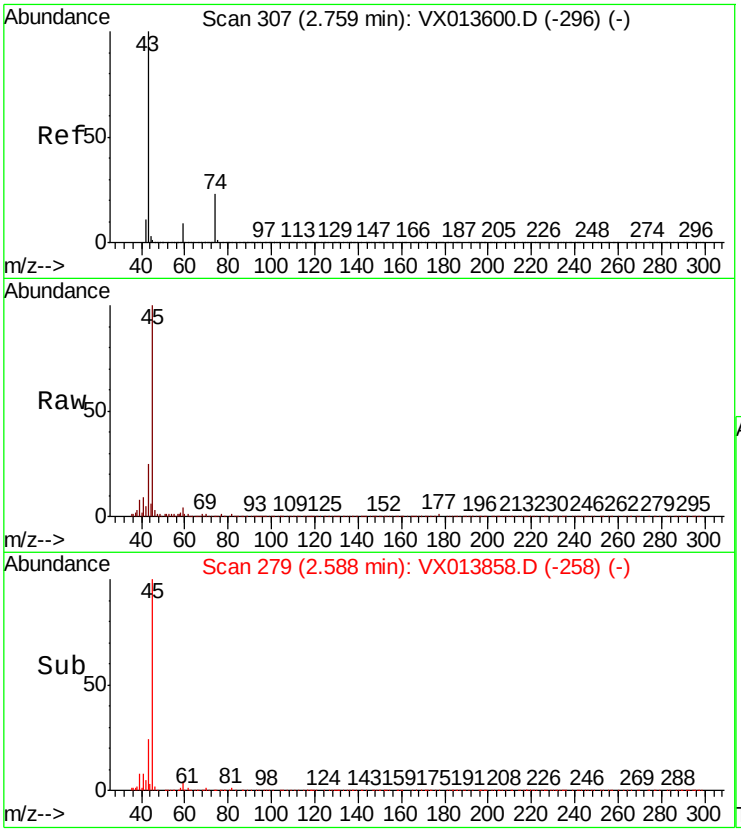


#16
Acetone
Concen: 1.602 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 43 Resp: 5603

Ion	Ratio	Lower	Upper
43	100		
58	36.8	24.6	36.8



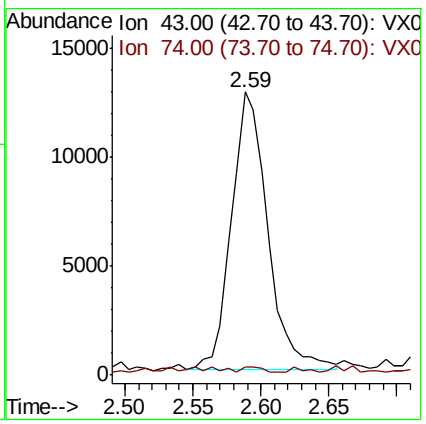


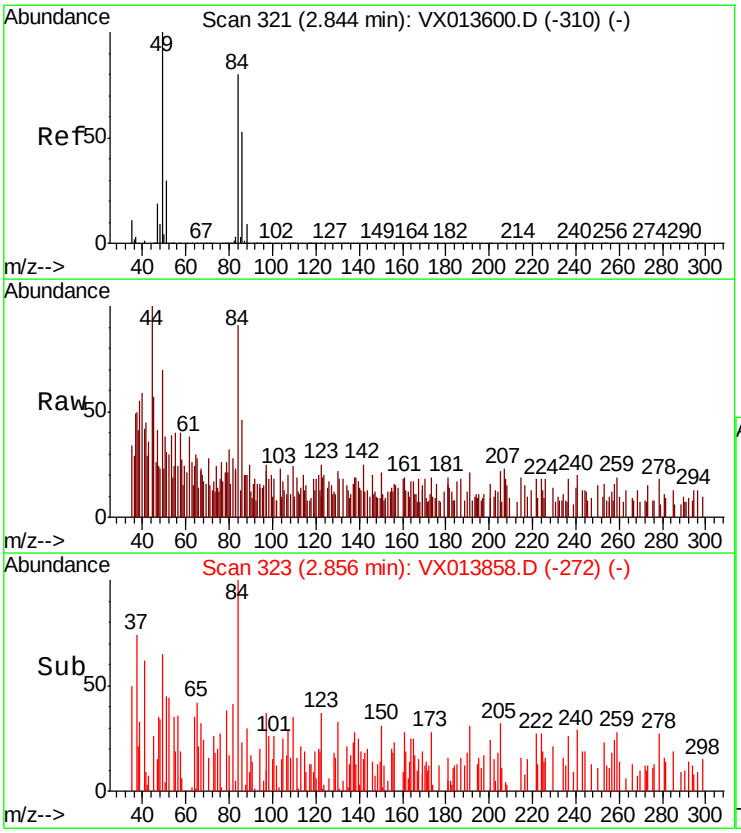
#18
Methyl Acetate
Concen: 2.443 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.17 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Tgt Ion: 43 Resp: 23788

Ion	Ratio	Lower	Upper
43	100		
74	1.4	19.5	29.3#

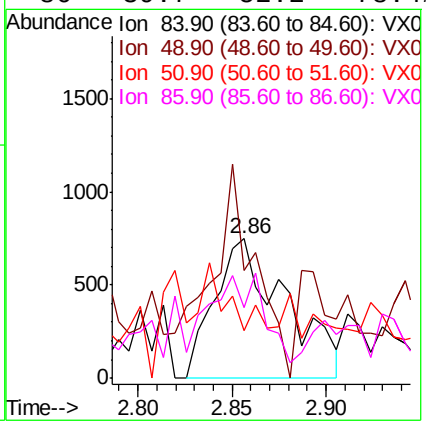


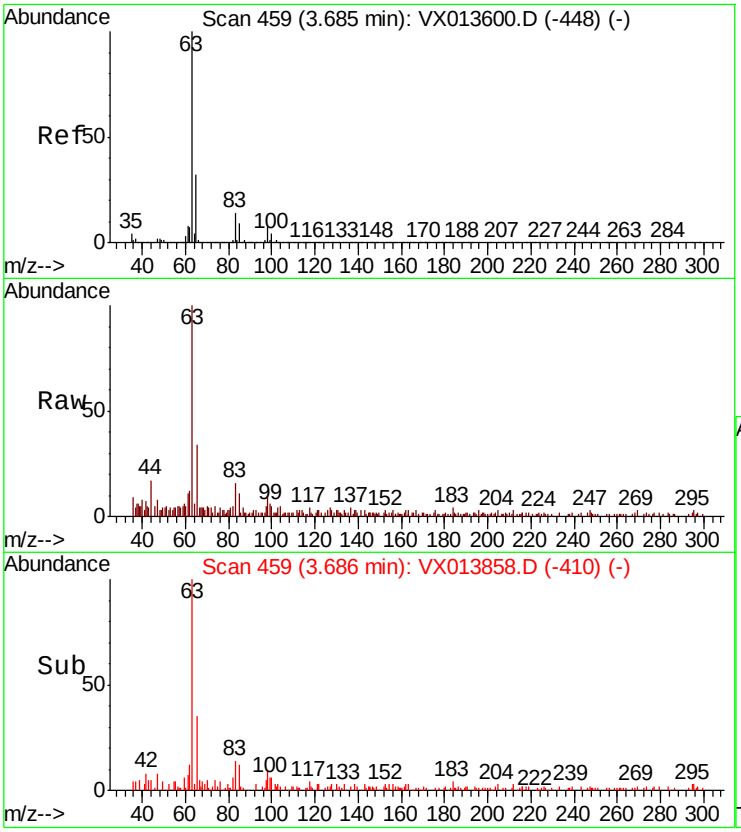


#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 84 Resp: 1952

Ion	Ratio	Lower	Upper
84	100		
49	42.6	99.7	149.5#
51	0.0	29.9	44.9#
86	39.7	52.2	78.4#



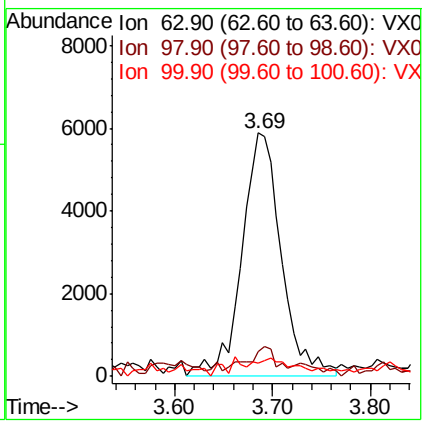


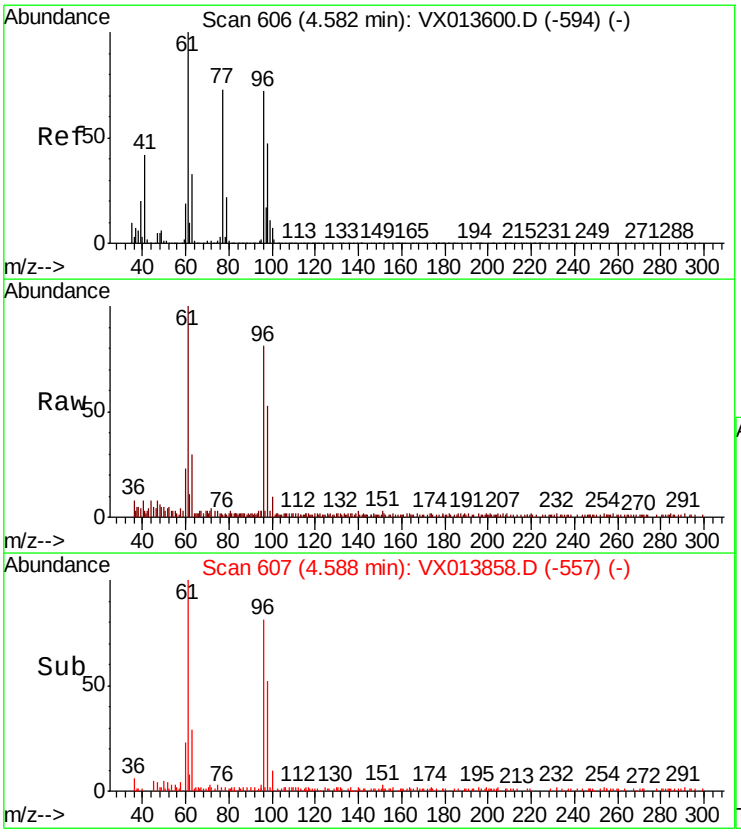
#24
1,1-Dichloroethane
Concen: 1.488 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Tgt Ion: 63 Resp: 16511

Ion	Ratio	Lower	Upper
63	100		
98	8.5	3.5	10.4
100	3.2	2.1	6.3

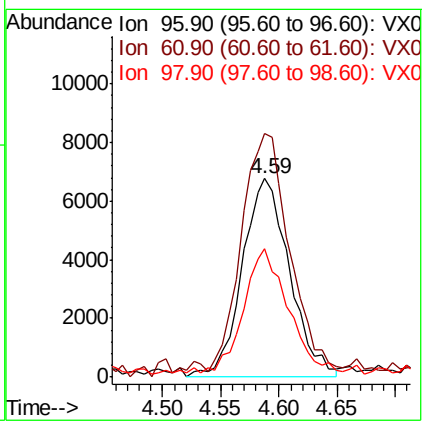


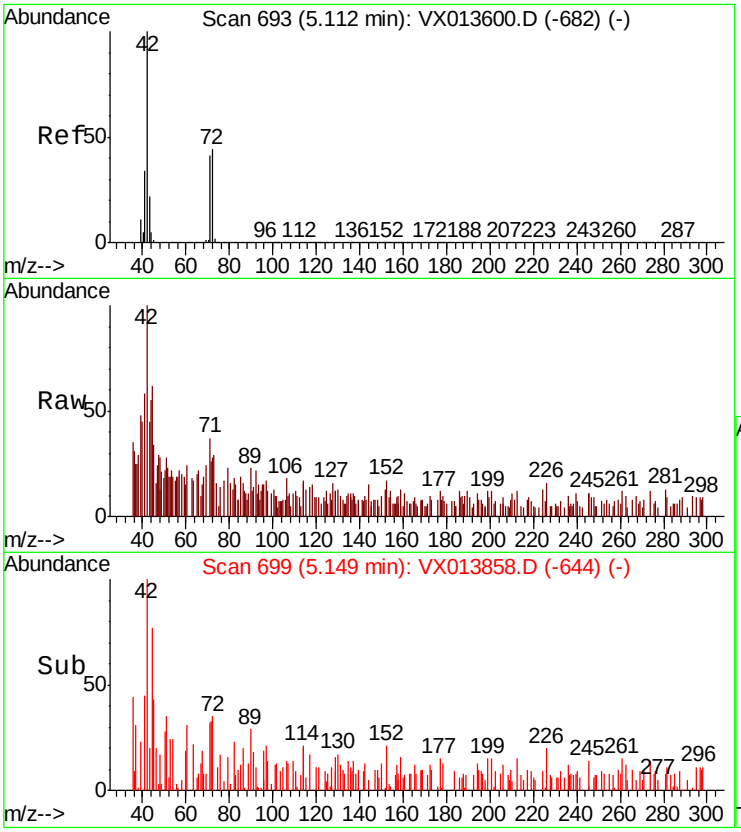


#27
cis-1,2-Dichloroethene
Concen: 2.629 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 96 Resp: 19105

Ion	Ratio	Lower	Upper
96	100		
61	120.9	0.0	286.4
98	58.5	0.0	127.4



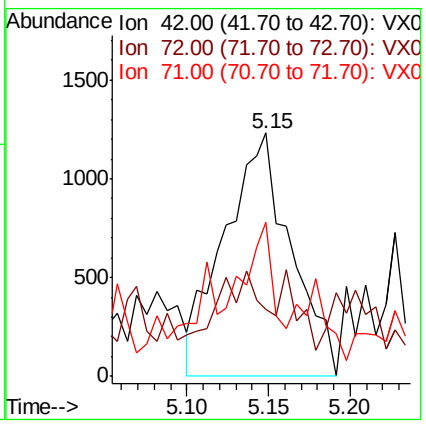


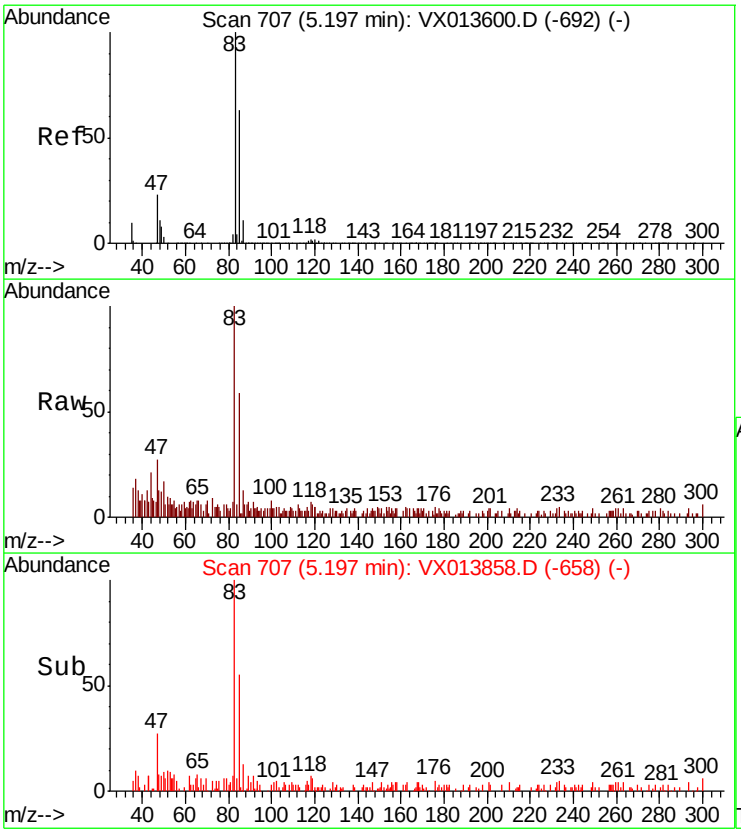
#29
Tetrahydrofuran
Concen: 1.093 ug/l
RT: 5.15 min Scan# 699
Delta R.T. 0.04 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 42 Resp: 3502

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.3	54.5#
71	21.1	33.2	49.8#

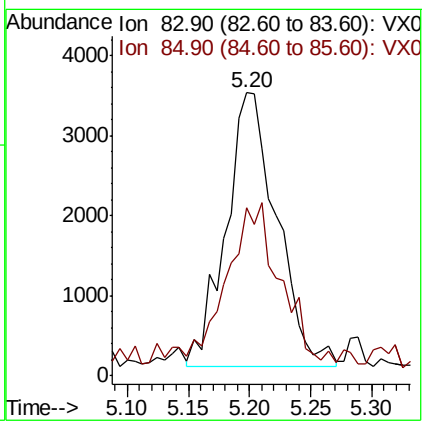


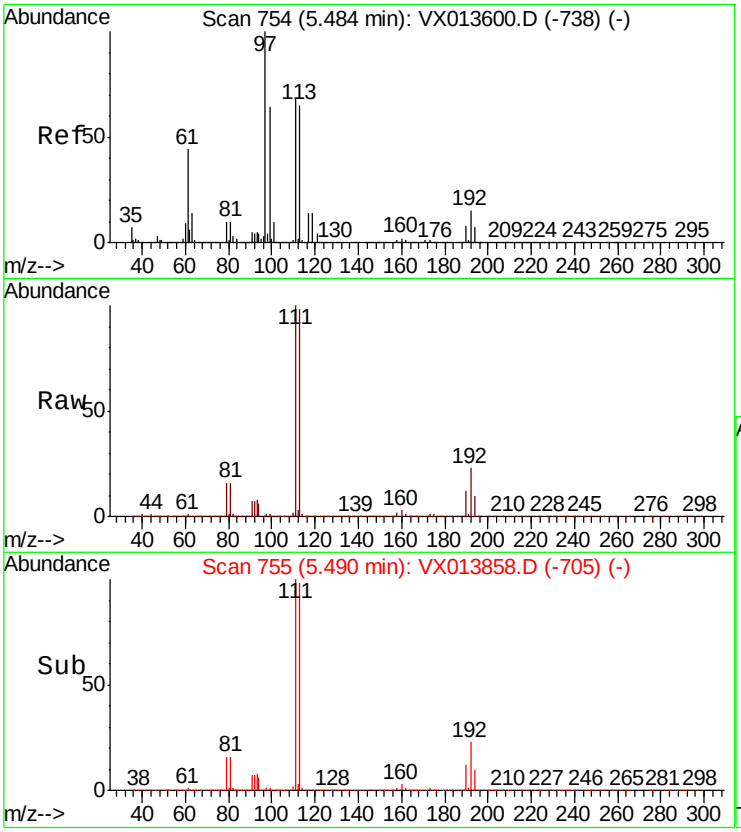


#30
Chloroform
Concen: 0.872 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 83 Resp: 9810

Ion	Ratio	Lower	Upper
83	100		
85	57.6	50.2	75.4



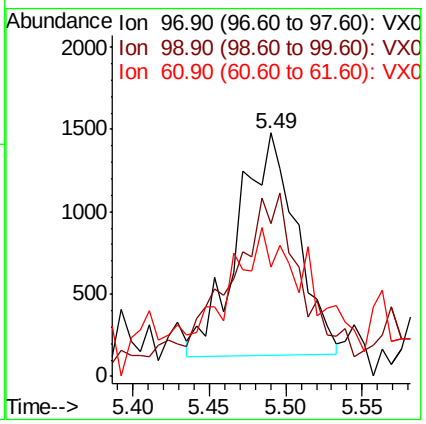


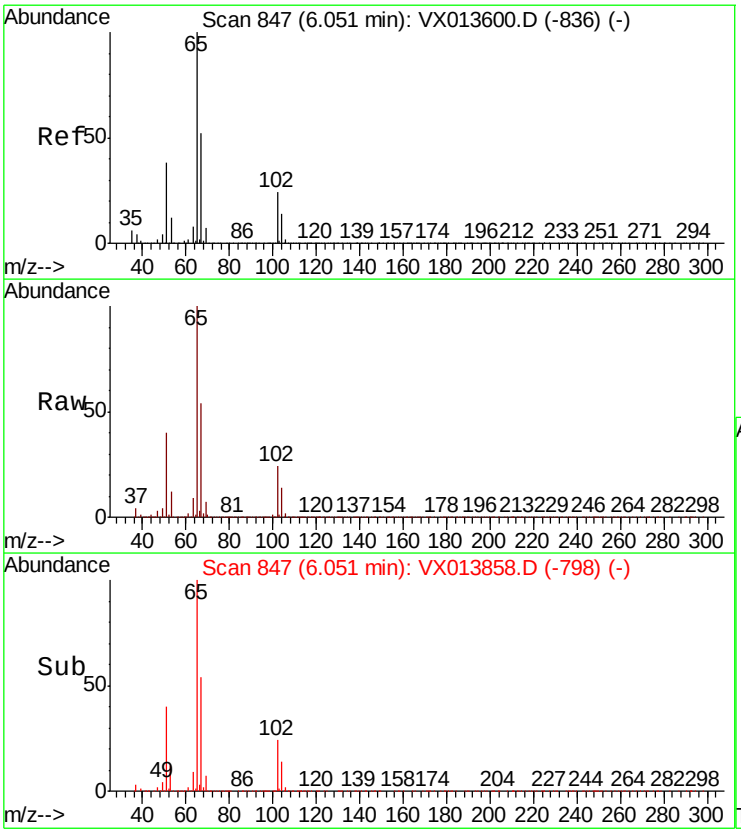
#32
1,1,1-Trichloroethane
Concen: 0.385 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 97 Resp: 3617

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	86.3	36.1	54.1#

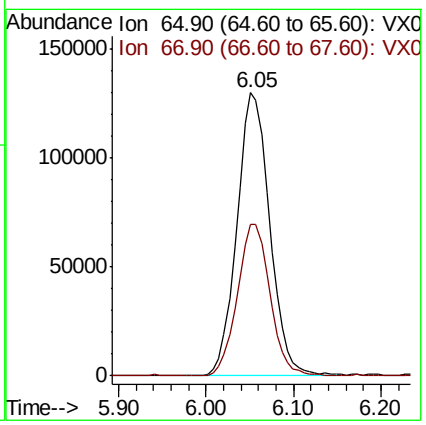


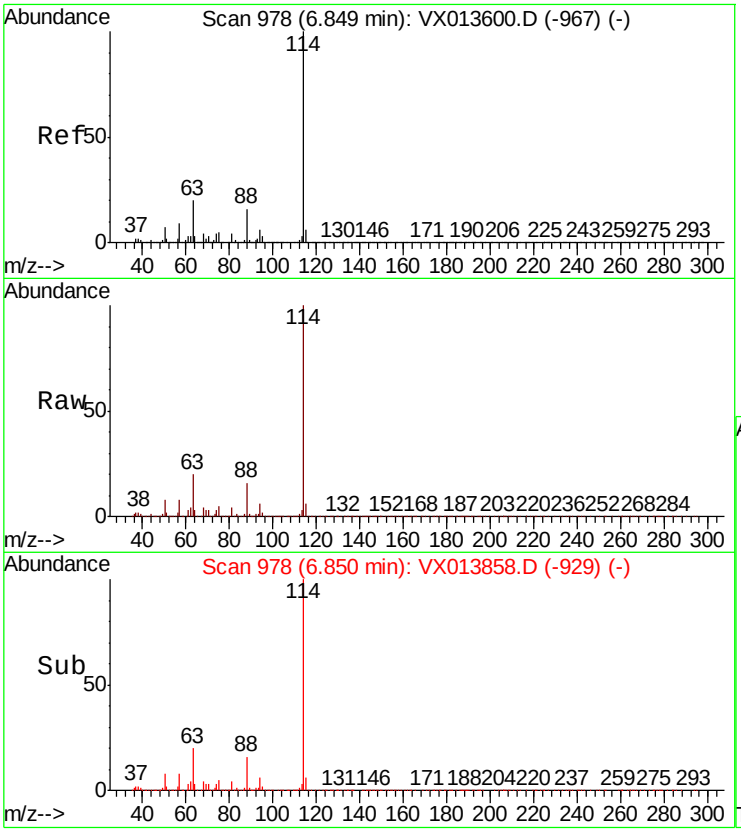


#33
1,2-Dichloroethane-d4
Concen: 47.609 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 65 Resp: 337253

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.4



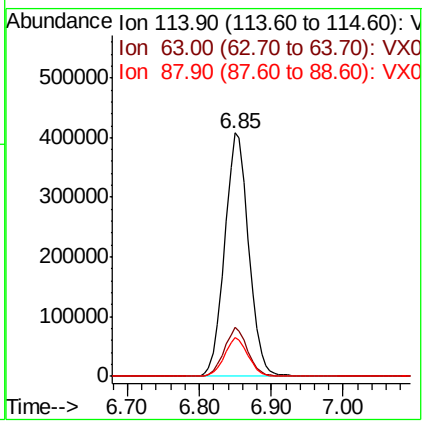


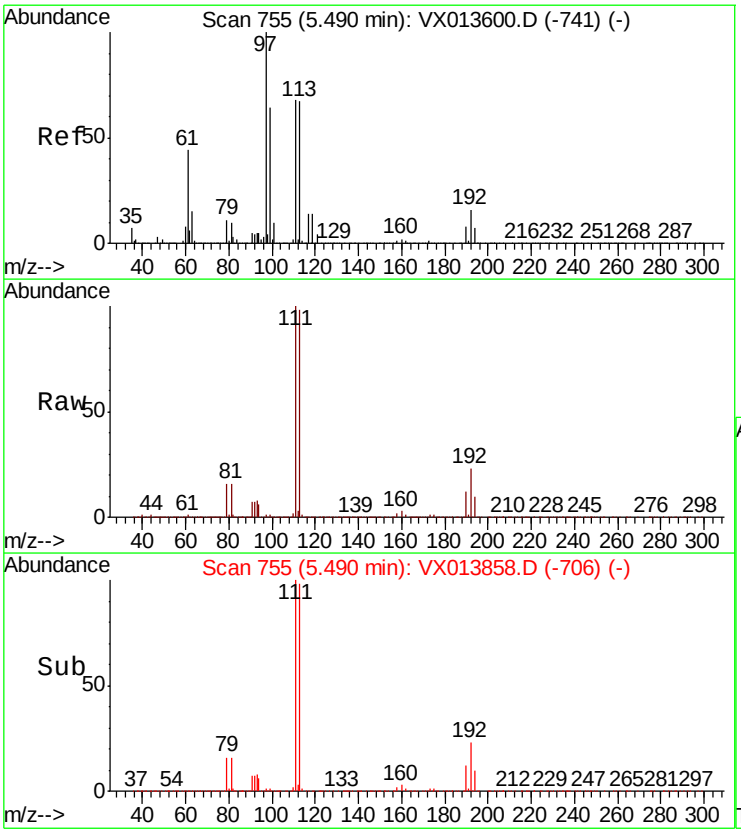
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:114 Resp: 946835

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	15.8	0.0	31.4

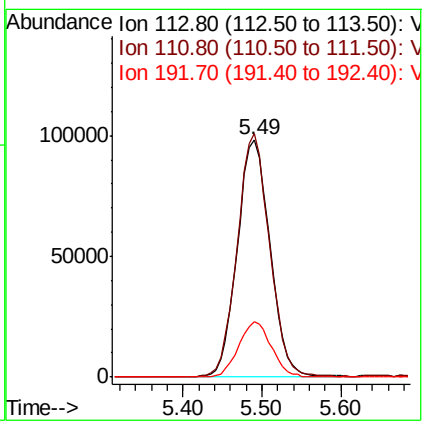


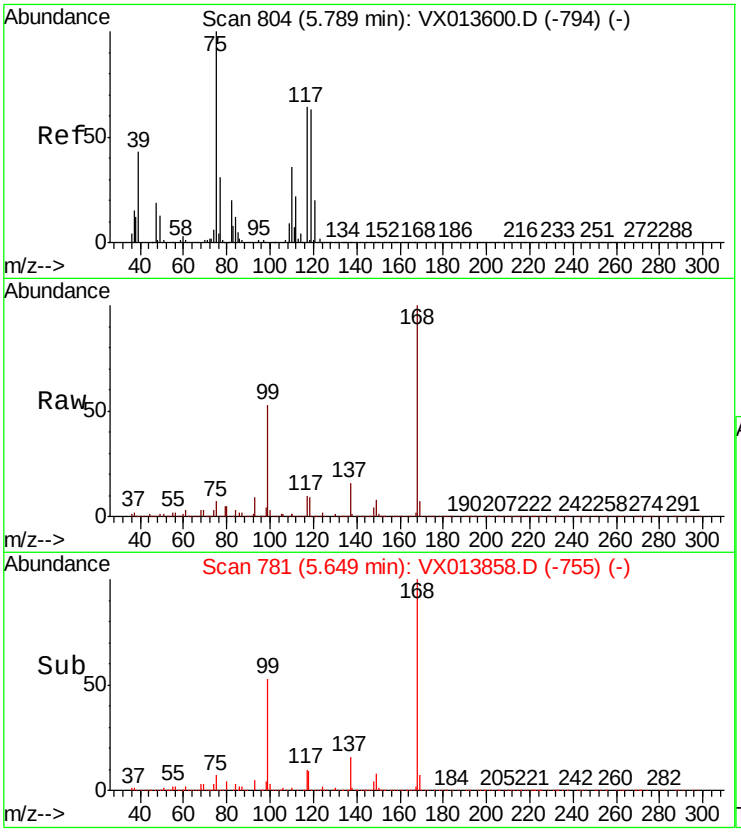


#35
Dibromofluoromethane
Concen: 48.324 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion:113 Resp: 282861

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.2	19.2	28.8



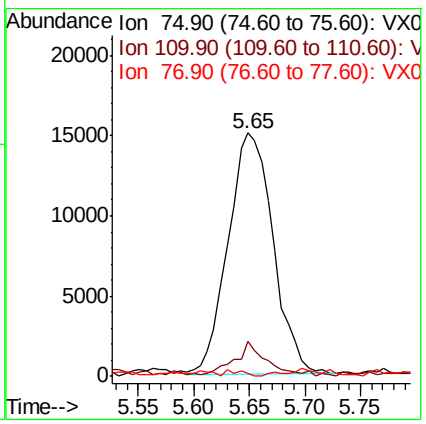


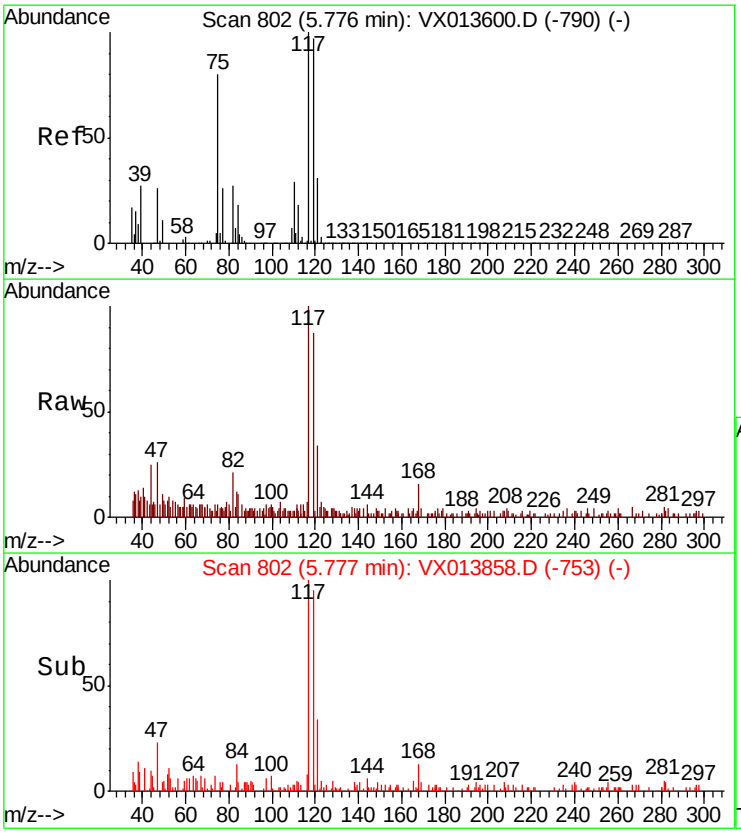
#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 75 Resp: 42279

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.1#
77	1.0	24.5	36.7#

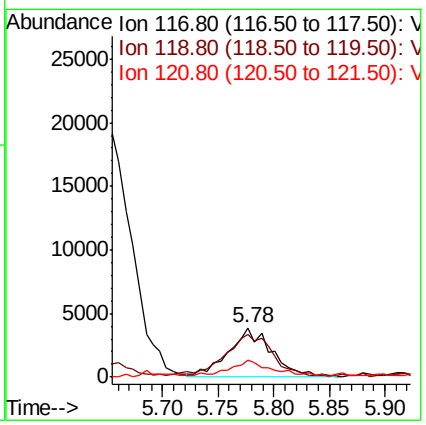


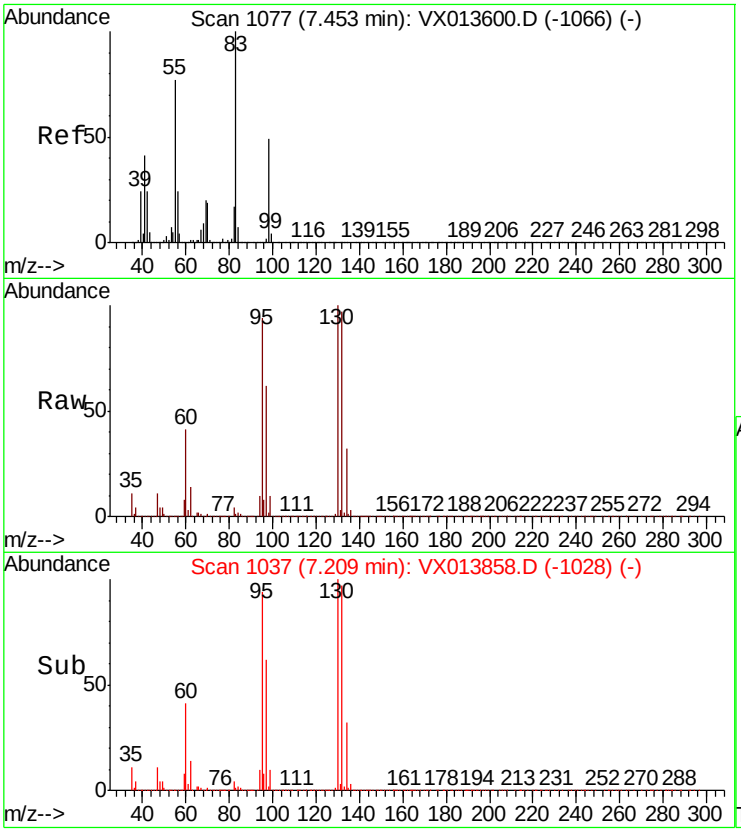


#38
Carbon Tetrachloride
Concen: 1.322 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion:117 Resp: 10480

Ion	Ratio	Lower	Upper
117	100		
119	83.2	77.5	116.3
121	31.3	25.0	37.6



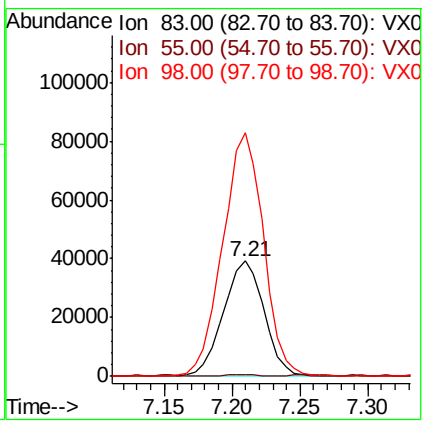


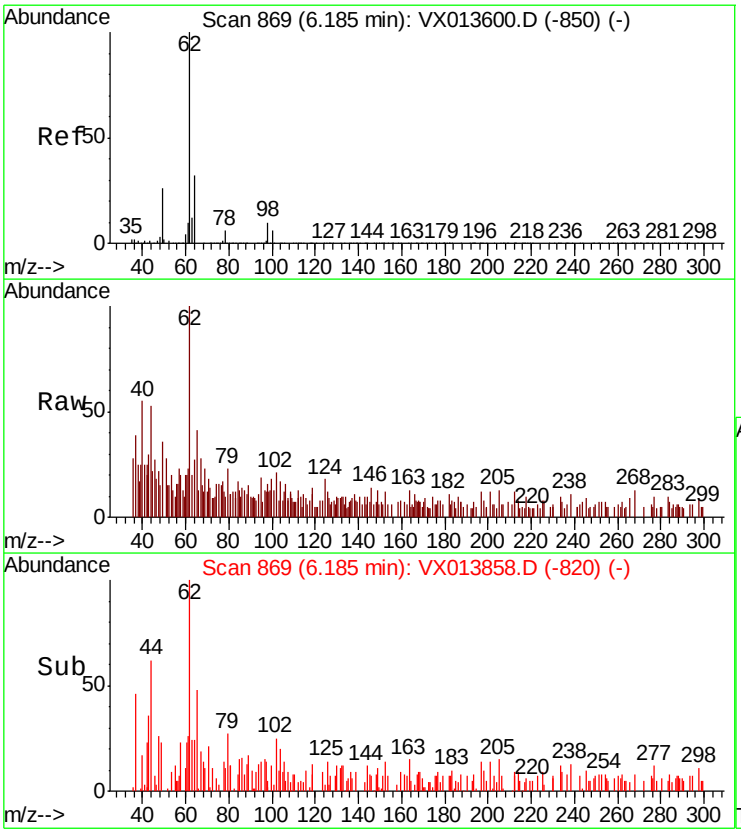
#39
Methylcyclohexane
Concen: 7.564 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 83 Resp: 80358

Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.9	92.9#
98	211.9	39.4	59.0#

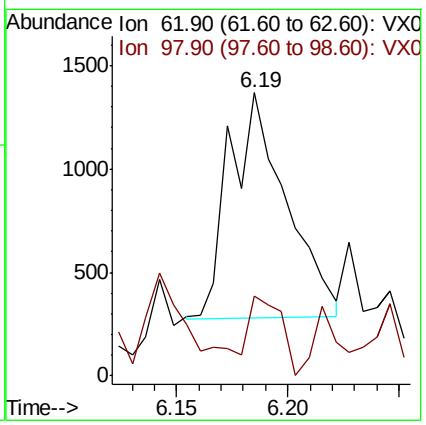


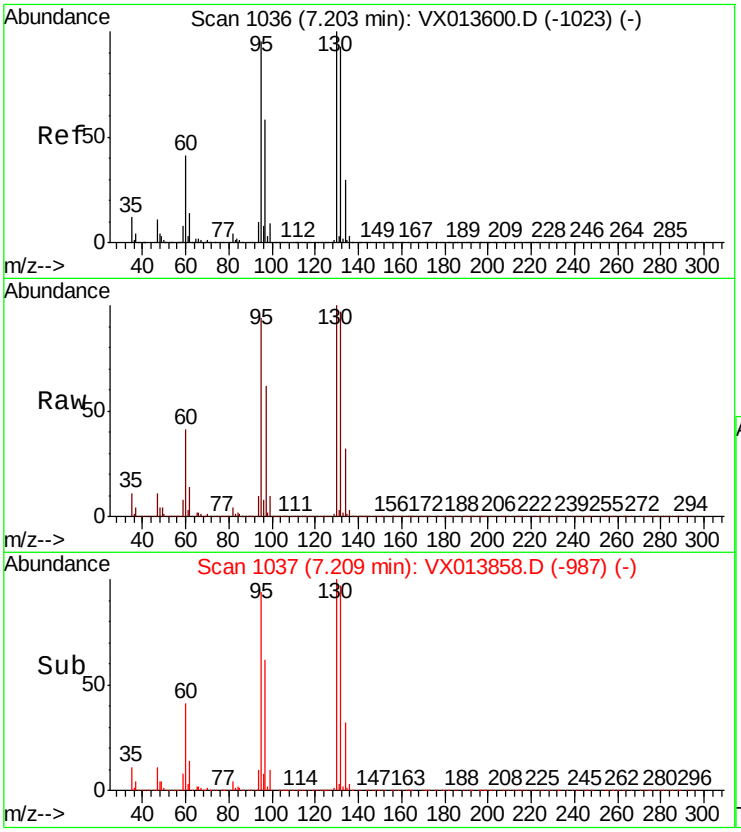


#42
1,2-Dichloroethane
Concen: 0.216 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 62 Resp: 1924

Ion	Ratio	Lower	Upper
62	100		
98	21.6	0.0	20.8#



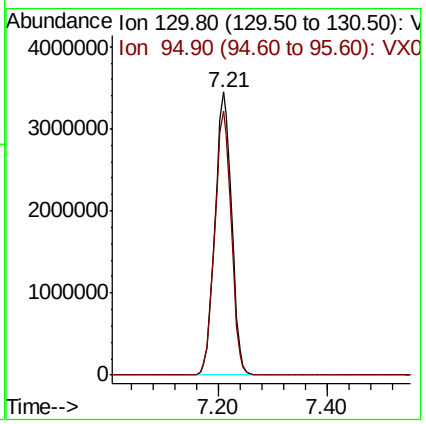


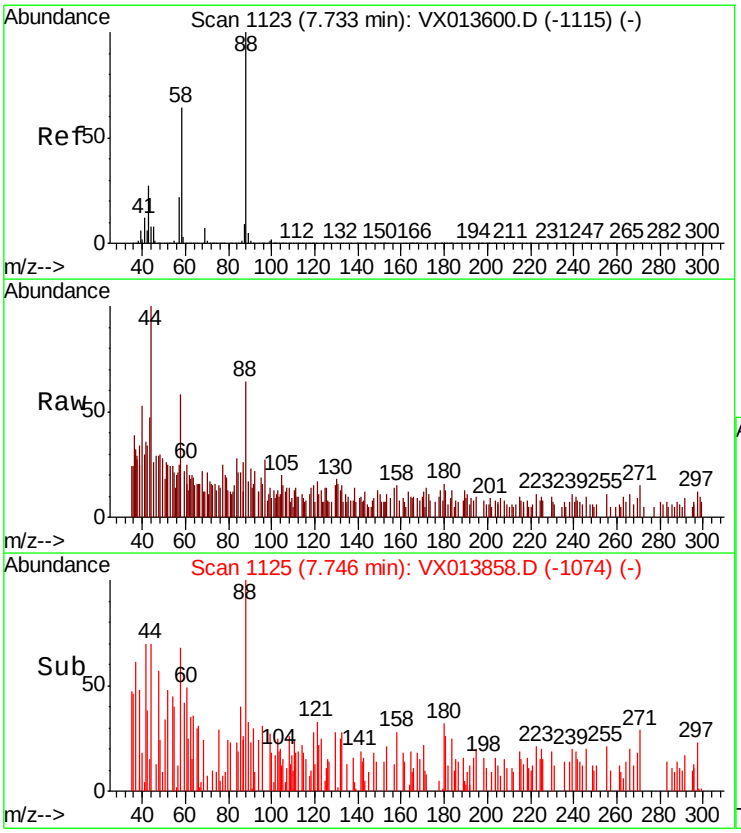
#44
Trichloroethene
Concen: 1014.347 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:130 Resp: 7287317

Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	190.8

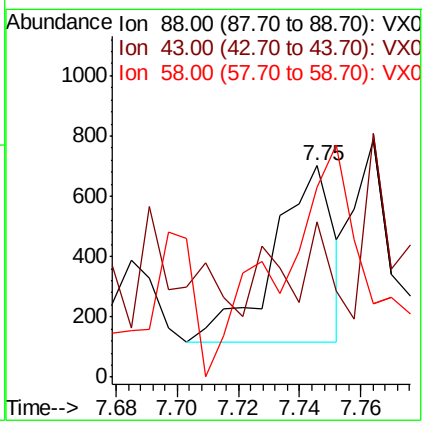


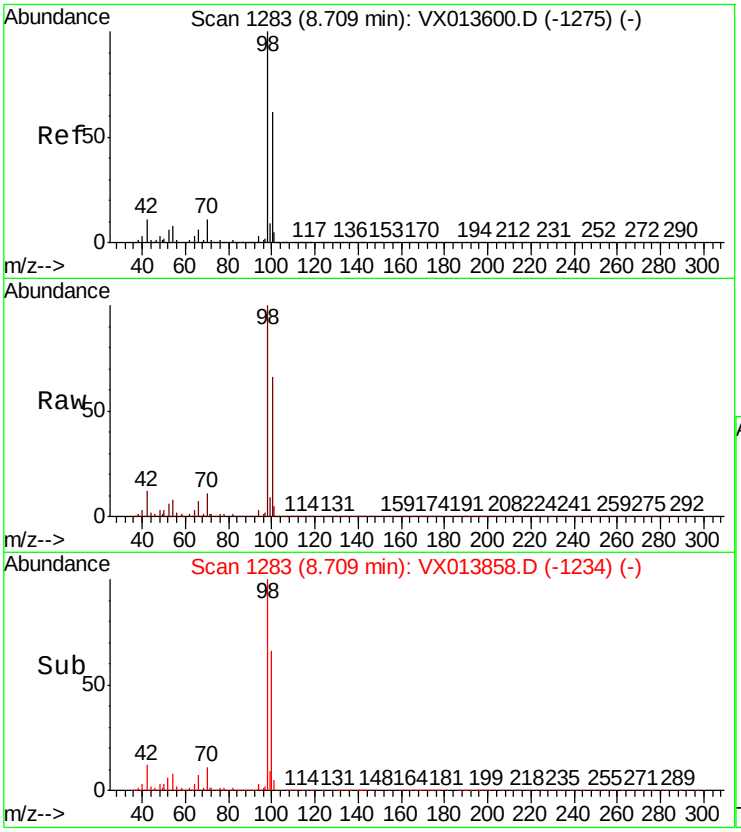


#49
1,4-Dioxane
Concen: 4.634 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 88 Resp: 800

Ion	Ratio	Lower	Upper
88	100		
43	76.9	25.8	38.6#
58	189.5	54.6	82.0#



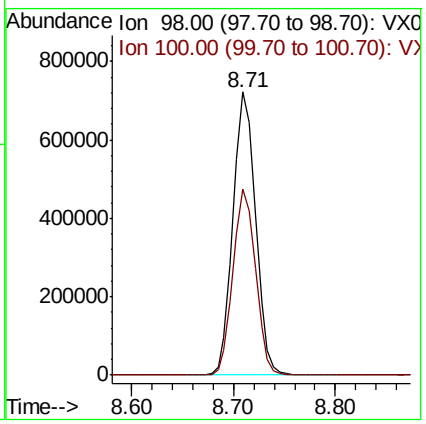


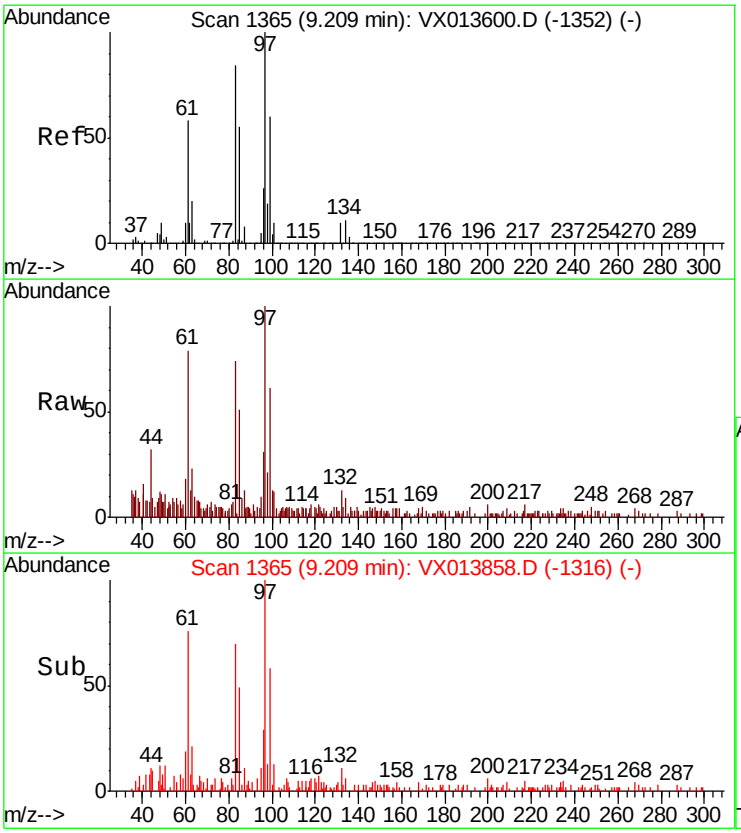
#50
Toluene-d8
Concen: 48.261 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument : MSVOA_X
ClientSampleId : TT101D2-20191205

Tgt Ion: 98 Resp: 1100624

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7

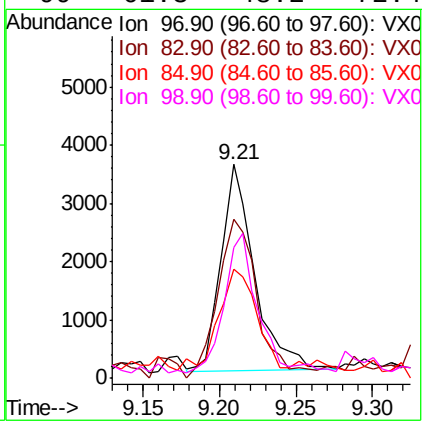


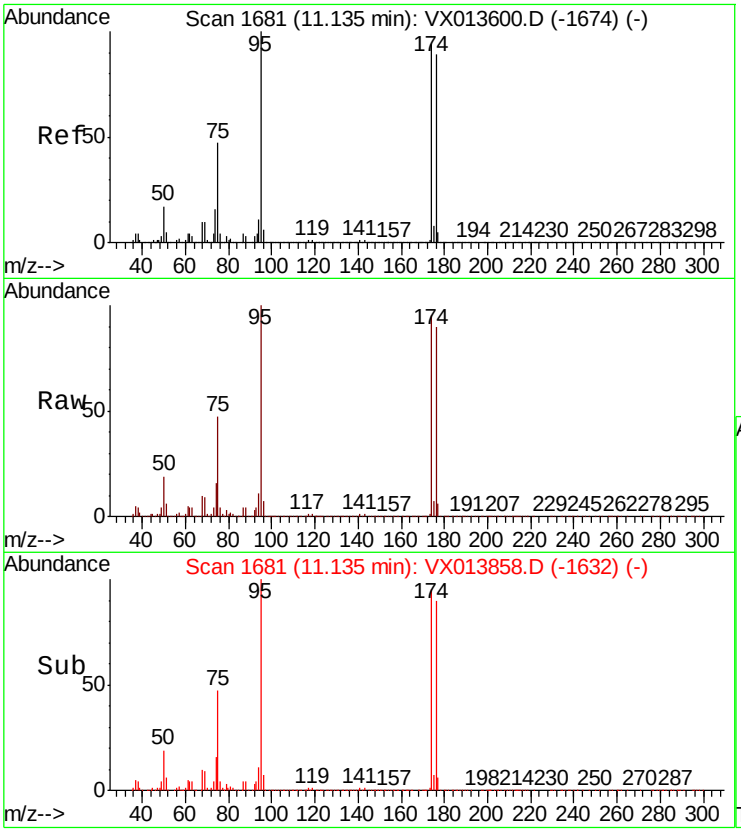


#55
1,1,2-Trichloroethane
Concen: 0.826 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 97 Resp: 5414

Ion	Ratio	Lower	Upper
97	100		
83	71.9	67.3	100.9
85	48.2	43.6	65.4
99	61.3	48.2	72.4



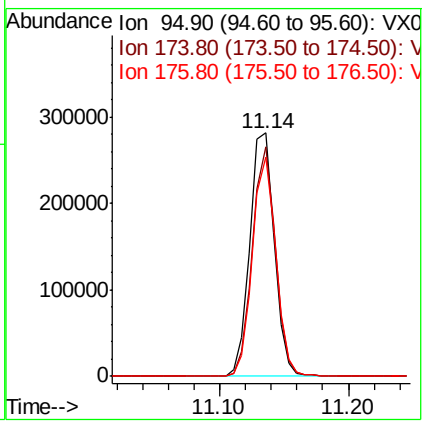


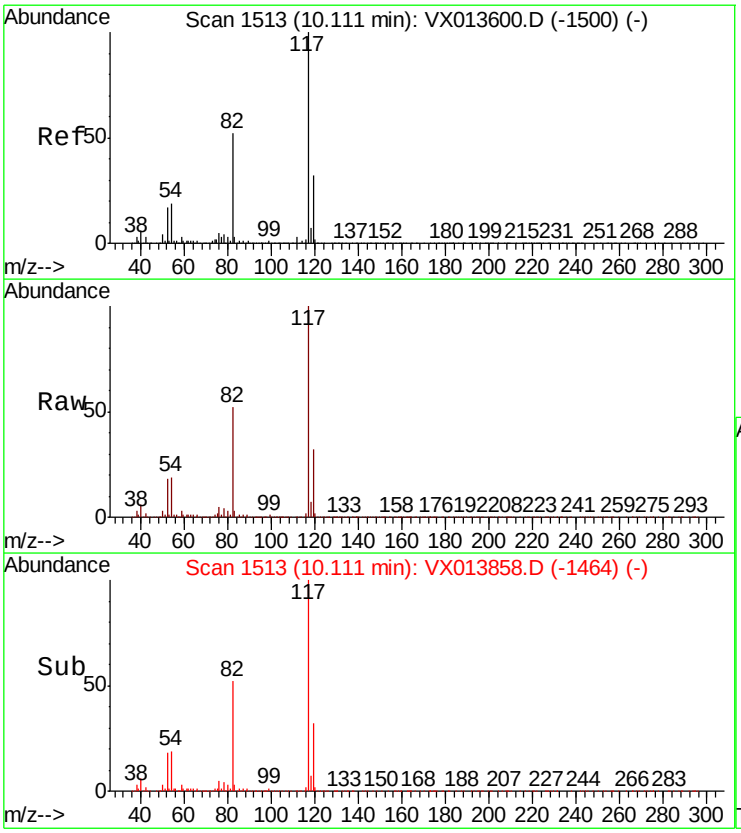
#62
4-Bromofluorobenzene
Concen: 44.610 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 95 Resp: 366862

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	180.0
176	86.2	0.0	173.6

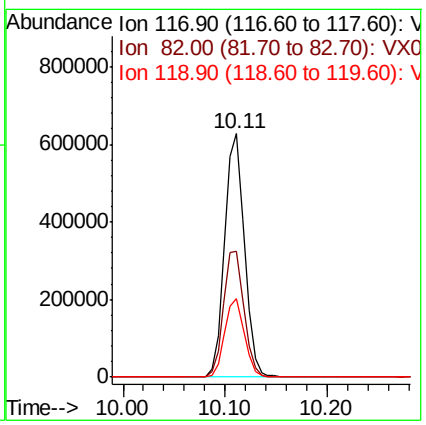


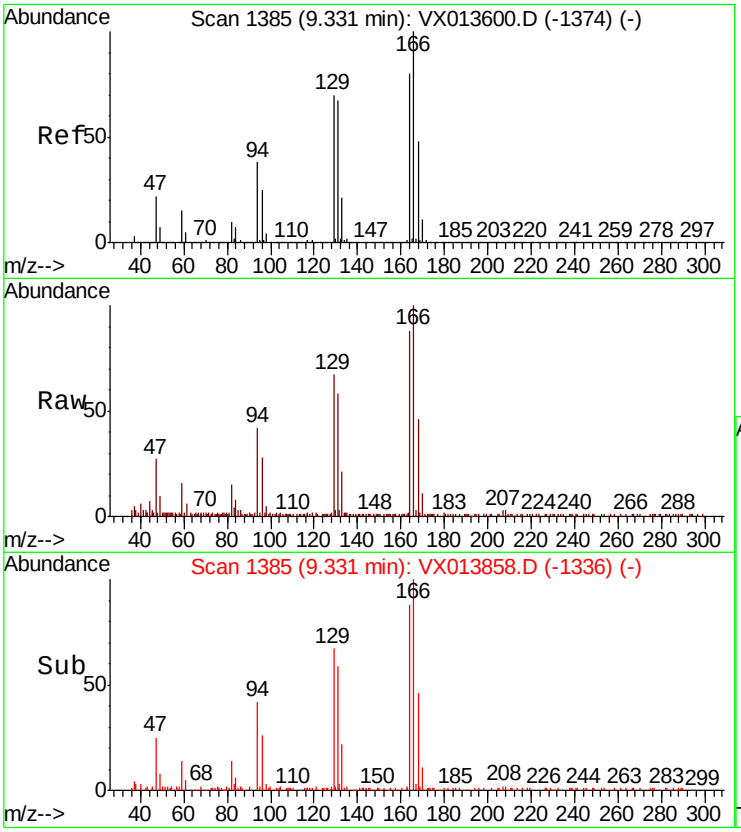


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion:117 Resp: 839941

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.8
119	32.0	25.8	38.8



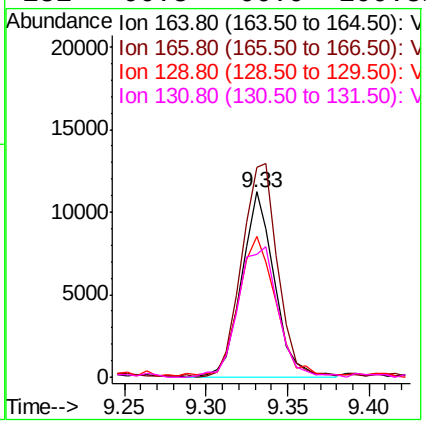


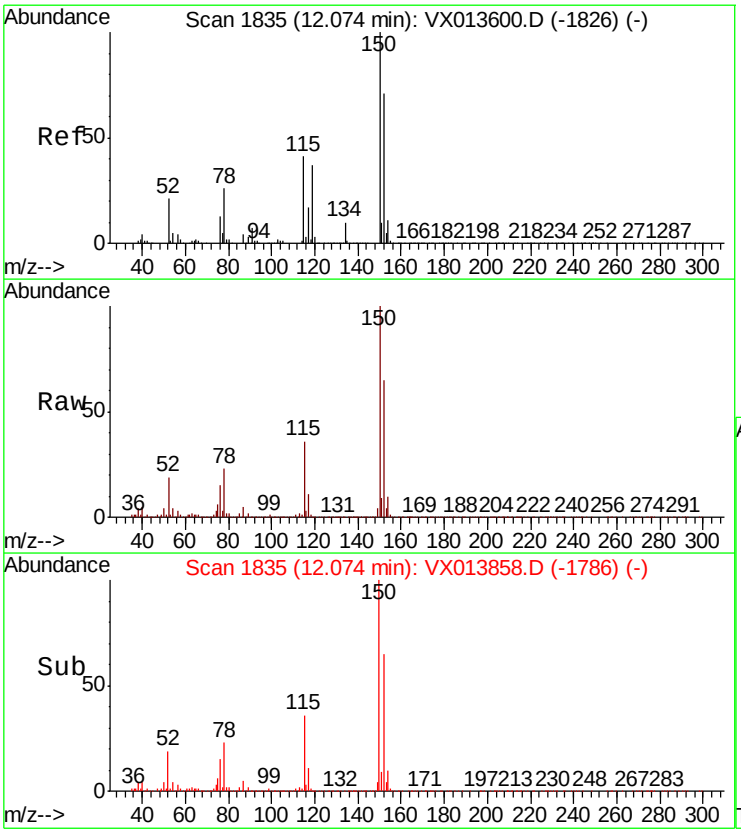
#64
Tetrachloroethene
Concen: 2.537 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion:164 Resp: 15889

Ion	Ratio	Lower	Upper
164	100		
166	112.0	99.7	149.5
129	75.1	70.1	105.1
131	66.3	66.9	100.3#

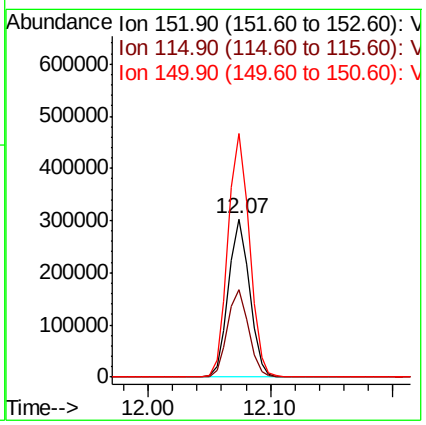


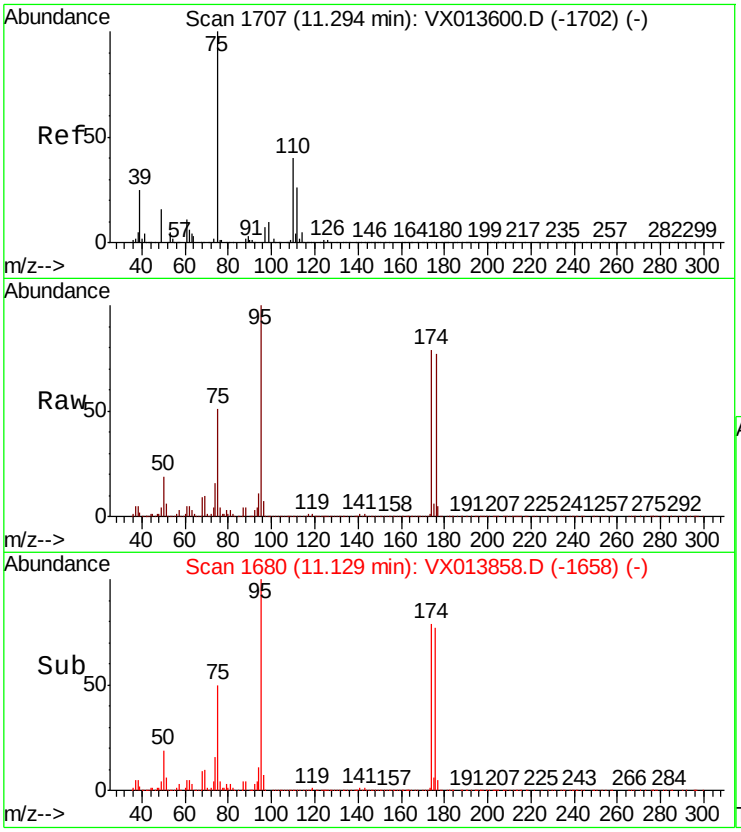


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion:152 Resp: 360711

Ion	Ratio	Lower	Upper
152	100		
115	55.9	38.4	115.1
150	156.8	0.0	346.8



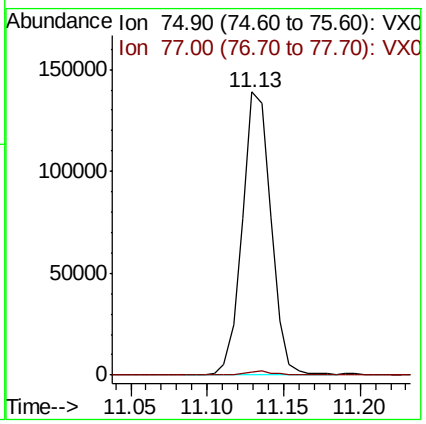


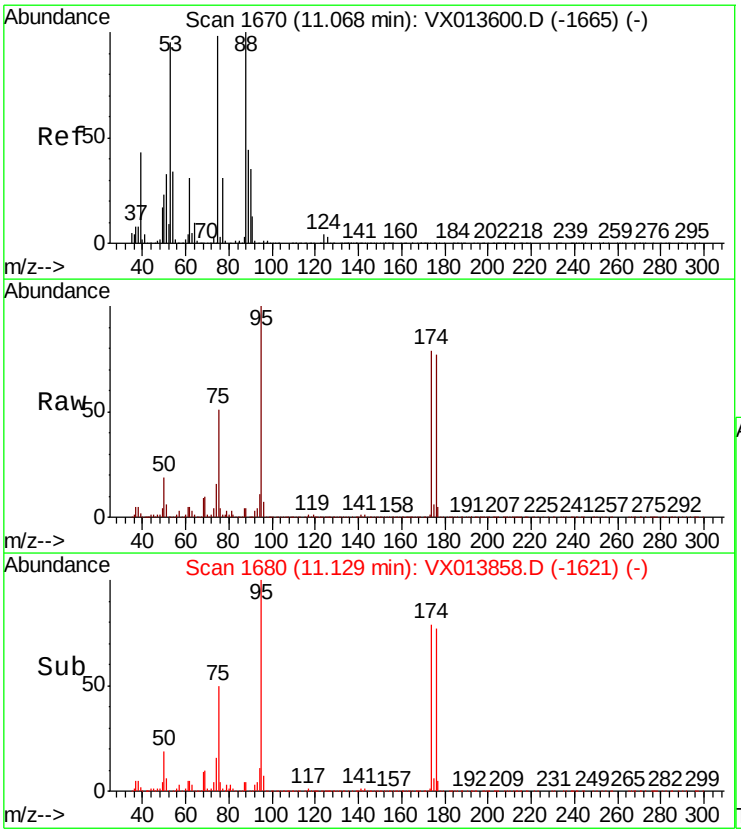
#76
1,2,3-Trichloropropane
Concen: 22.252 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20191205

Tgt Ion: 75 Resp: 180535

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.879 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013858.D
Acq: 09 Dec 2019 18:07

Tgt Ion: 75 Resp: 180535

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.2#
89	0.0	35.4	53.2#