Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013829.D
Acq On : 07 Dec 2019 03:31
Operator : JC/SP
Sample : K6185-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D1-20191205

Quant Time: Dec 07 05:44:50 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	635353	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	966717	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	863311	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371636	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	350114	47.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.94%				
35) Dibromofluoromethane	5.49	113	289965	48.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.04%				
50) Toluene-d8	8.71	98	1139113	48.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.84%				
62) 4-Bromofluorobenzene	11.14	95	377879	45.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	5321	0.752	ug/l		96
3) Chloromethane	1.32	50	1732	0.218	ug/l	#	74
6) Chloroethane	1.59	64	9637	1.896	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102012	16.840	ug/l		98
11) Tert butyl alcohol	3.01	59	2658	1.460	ug/l	#	52
12) 1,1-Dichloroethene	2.37	96	36094	5.969	ug/l		89
13) Acrolein	2.28	56	586	6.474	ug/l	#	54
15) Acrylonitrile	3.14	53	1055	0.281	ug/l	#	49
16) Acetone	2.43	43	10502	2.884	ug/l		89
18) Methyl Acetate	2.59	43	21816	2.152	ug/l	#	53
24) 1,1-Dichloroethane	3.69	63	12150	1.052	ug/l	#	94
27) cis-1,2-Dichloroethene	4.59	96	15238	2.014	ug/l		92
29) Tetrahydrofuran	5.14	42	1213	0.364	ug/l	#	77
30) Chloroform	5.20	83	9004	0.769	ug/l		97
32) 1,1,1-Trichloroethane	5.49	97	4344	0.444	ug/l	#	50
36) 1,1-Dichloropropene	5.65	75	42839	4.882	ug/l	#	51
38) Carbon Tetrachloride	5.78	117	11027	1.363	ug/l		92
44) Trichloroethene	7.21	130	1723345	234.945	ug/l		96
49) 1,4-Dioxane	7.75	88	3199	18.149	ug/l	#	66
55) 1,1,2-Trichloroethane	9.21	97	4085	0.611	ug/l	#	85
64) Tetrachloroethene	9.34	164	3223	0.501	ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	184386	22.059	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	184386	60.350	ug/l	#	11

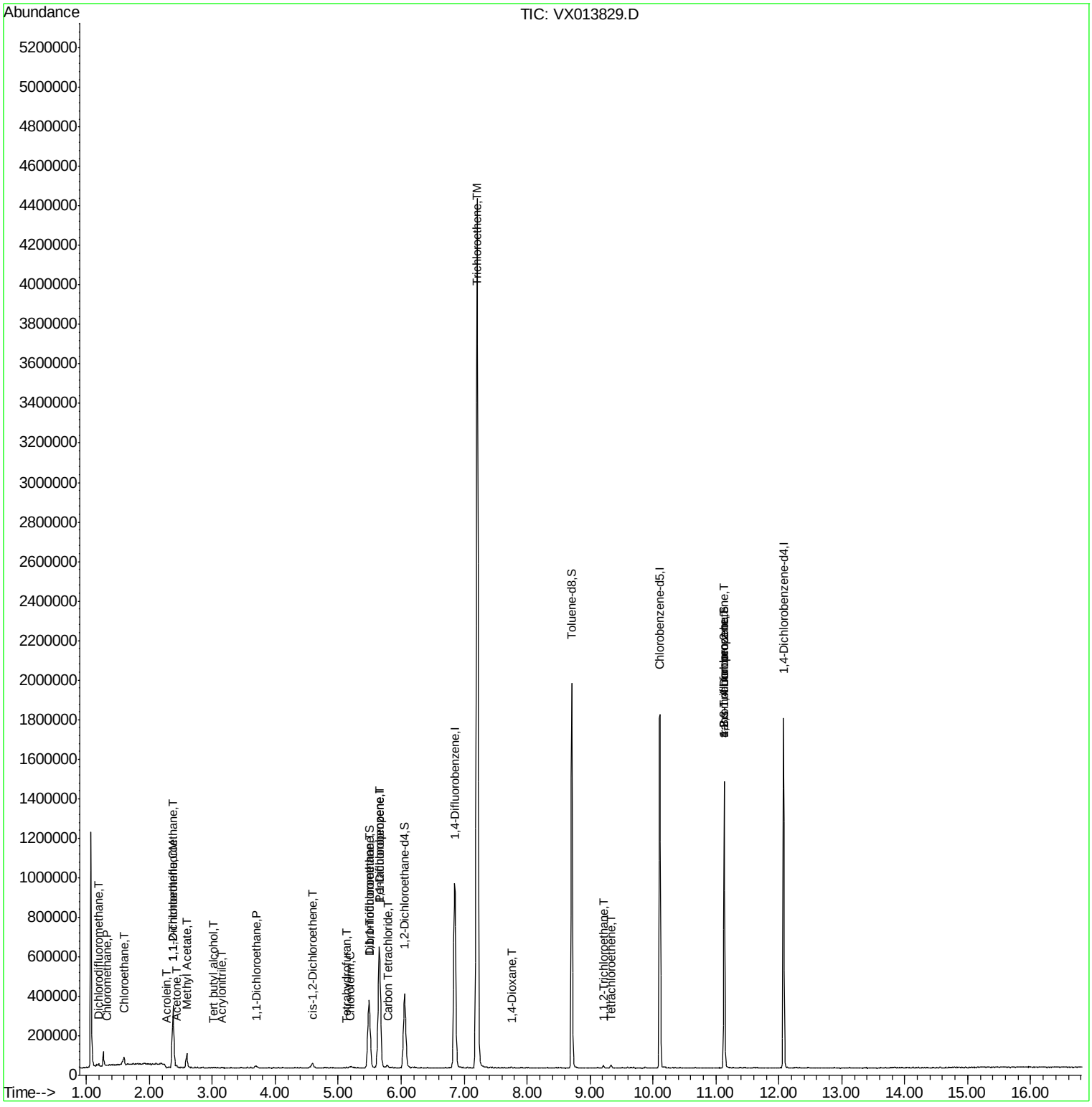
(#) = qualifier out of range (m) = manual integration (+) = signals summed

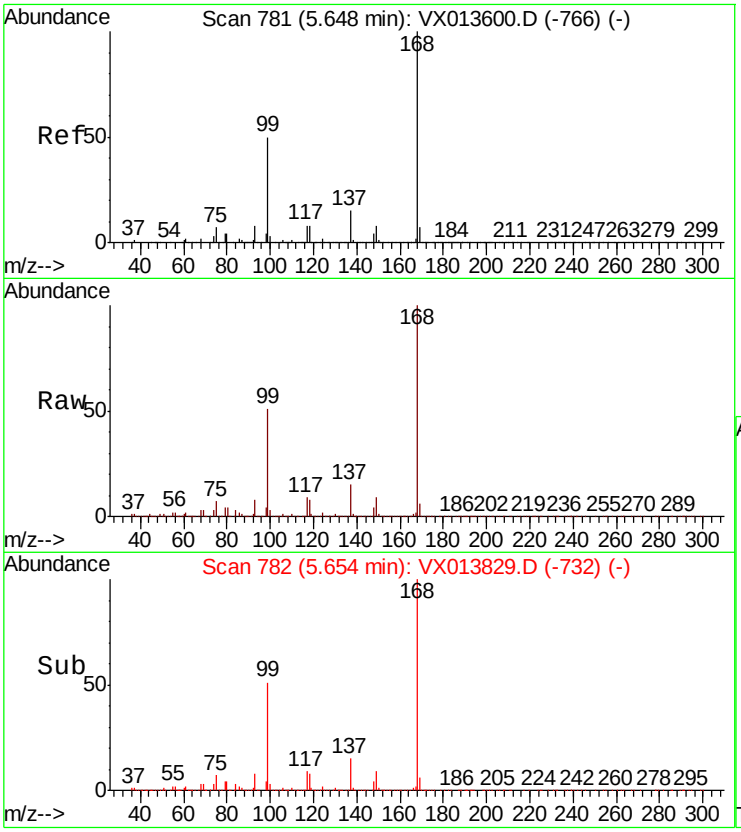
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013829.D
Acq On : 07 Dec 2019 03:31
Operator : JC/SP
Sample : K6185-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D1-20191205

Quant Time: Dec 07 05:44:50 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



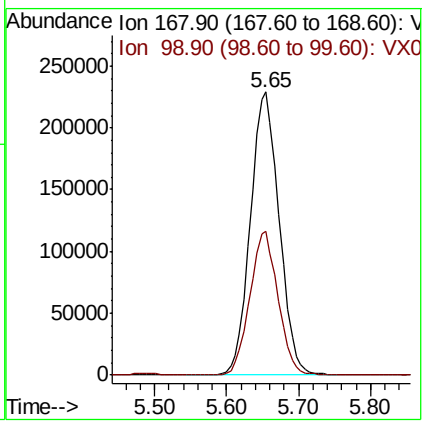


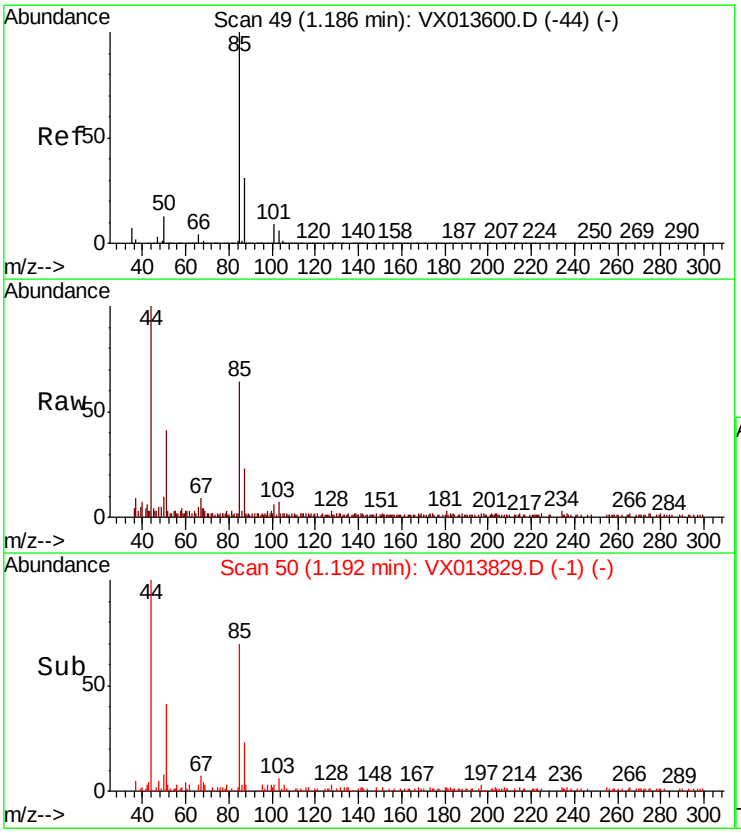
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion:168 Resp: 635353

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.8	59.8

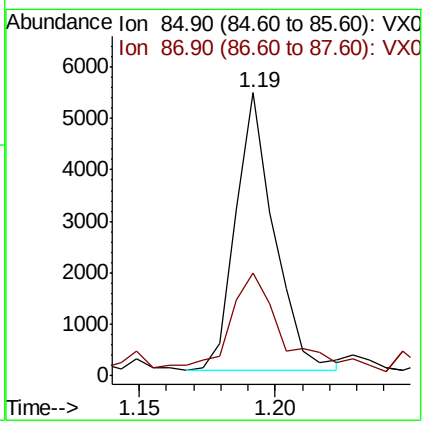


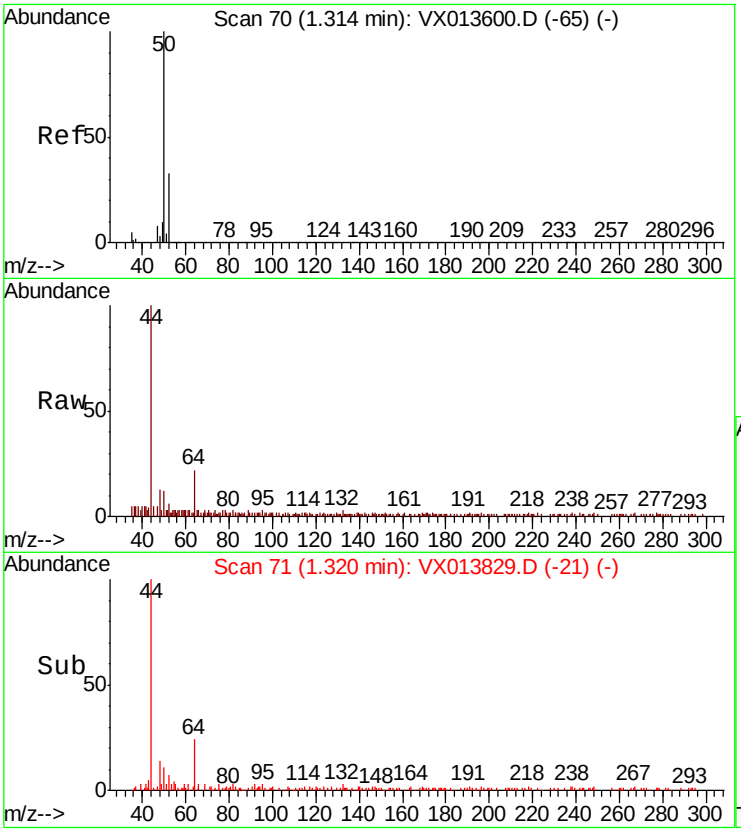


#2
Dichlorodifluoromethane
Concen: 0.752 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 85 Resp: 5321

Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.7	47.1



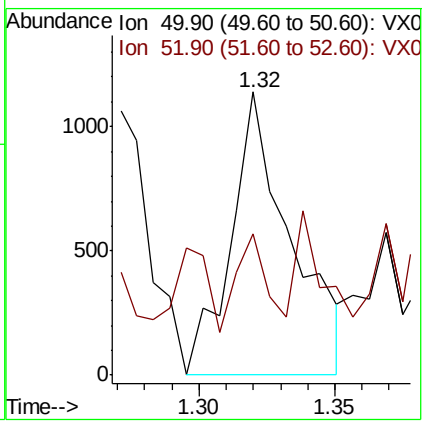


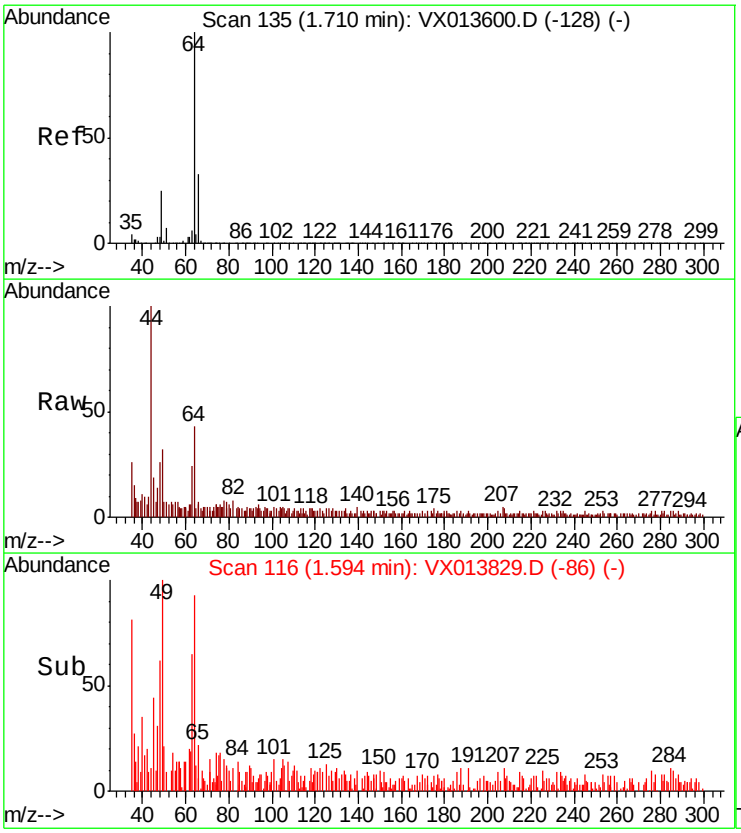
#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument : MSVOA_X
ClientSampleId : TT101D1-20191205

Tgt Ion: 50 Resp: 1732

Ion	Ratio	Lower	Upper
50	100		
52	18.2	26.0	39.0#

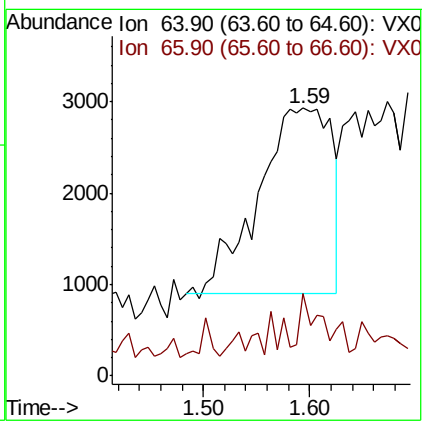


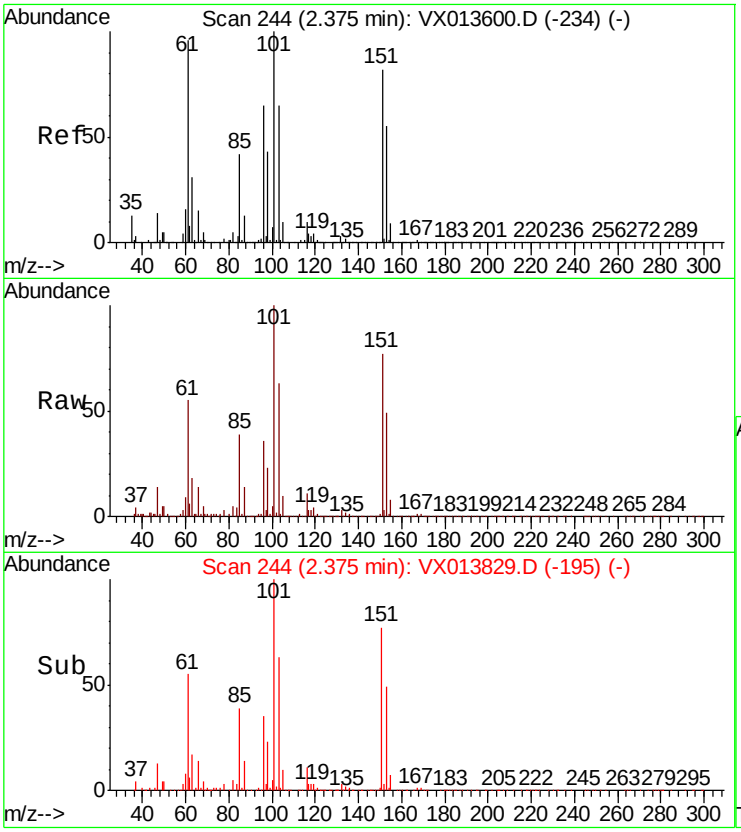


#6
Chloroethane
Concen: 1.896 ug/l
RT: 1.59 min Scan# 116
Delta R.T. -0.12 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 64 Resp: 9637

Ion	Ratio	Lower	Upper
64	100		
66	32.8	26.7	40.1



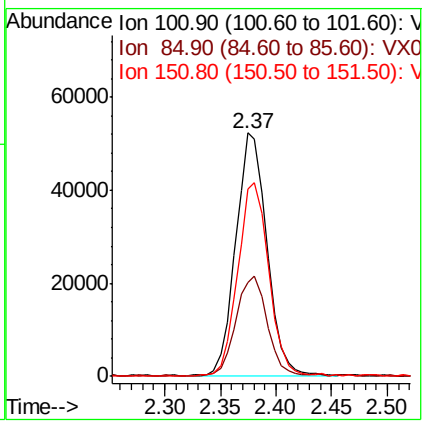


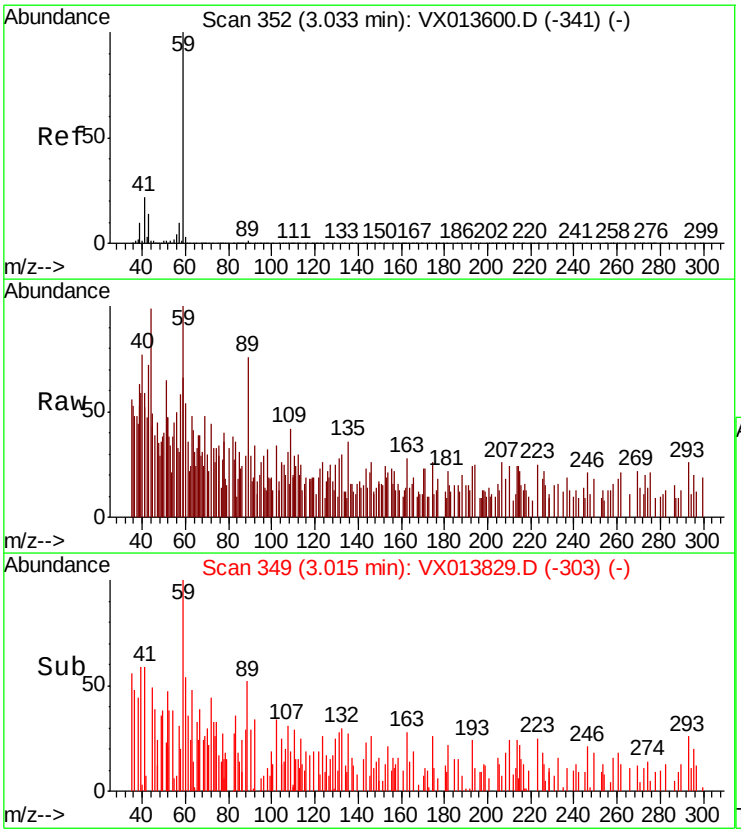
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.840 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion:101 Resp: 102012

Ion	Ratio	Lower	Upper
101	100		
85	40.5	33.9	50.9
151	78.6	64.2	96.2

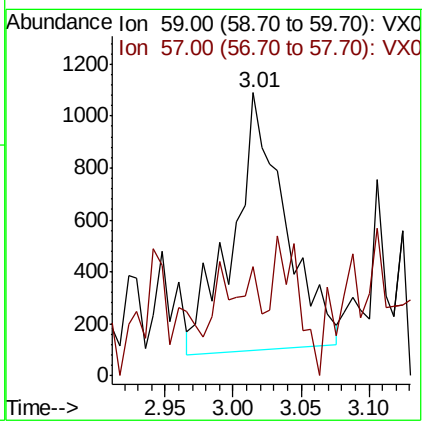


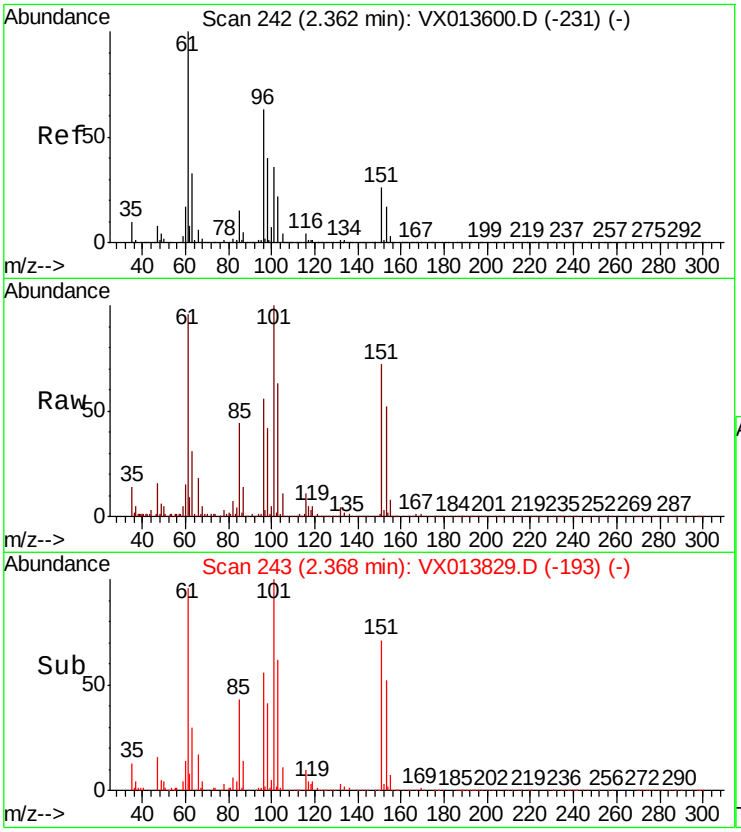


#11
Tert butyl alcohol
Concen: 1.460 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 59 Resp: 2658

Ion	Ratio	Lower	Upper
59	100		
57	27.5	7.8	11.6#



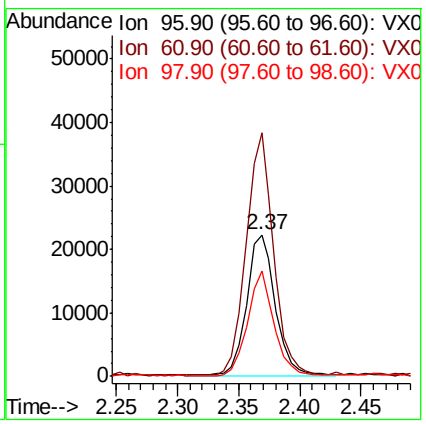


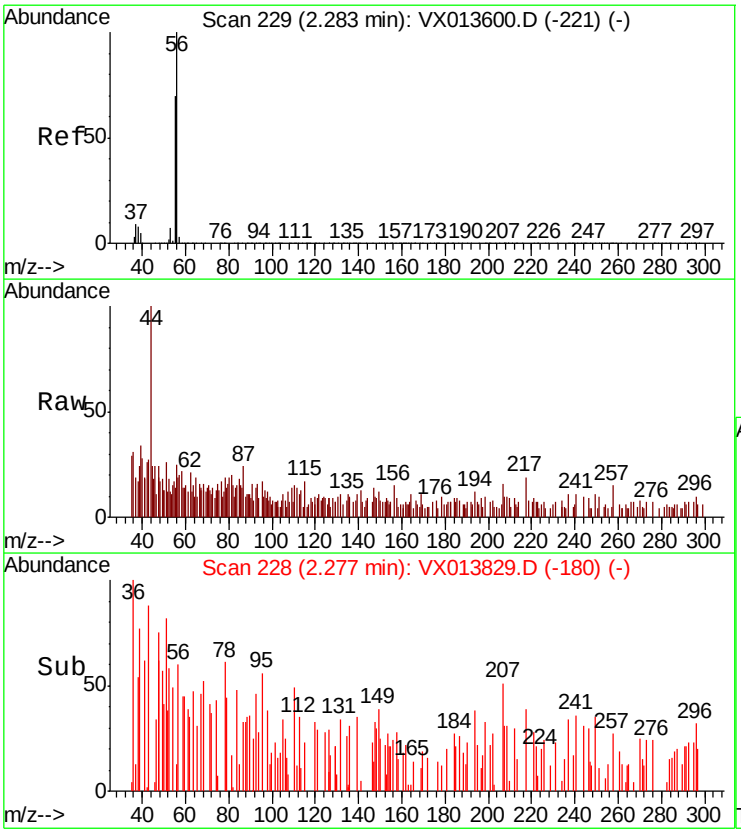
#12
1,1-Dichloroethene
Concen: 5.969 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion: 96 Resp: 36094

Ion	Ratio	Lower	Upper
96	100		
61	172.0	126.6	190.0
98	74.2	50.6	76.0

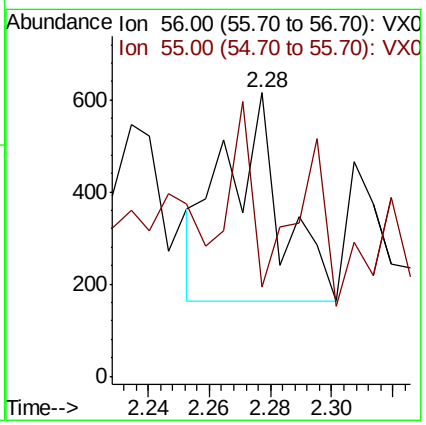


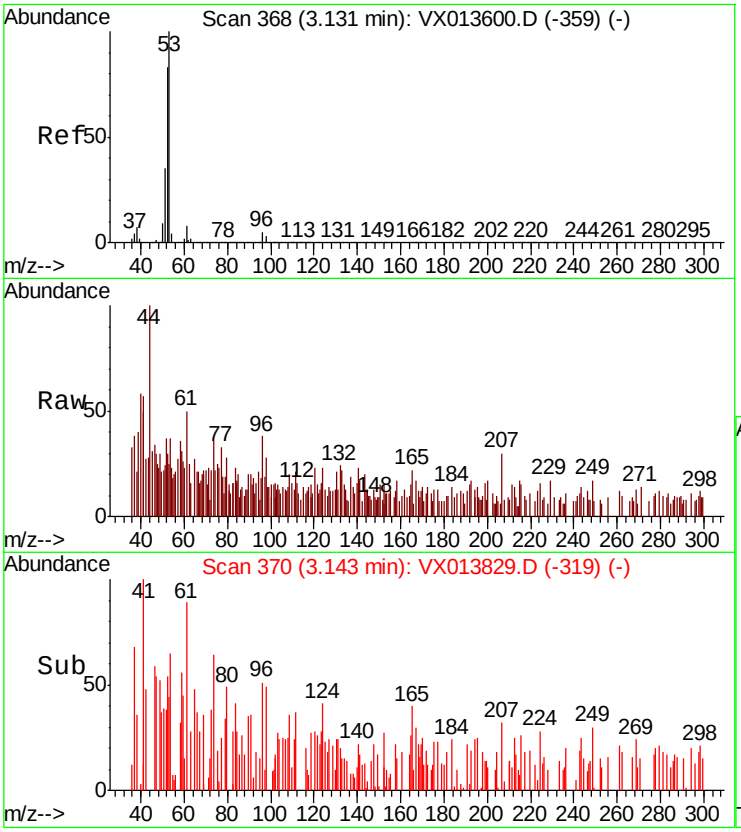


#13
Acrolein
Concen: 6.474 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 56 Resp: 586

Ion	Ratio	Lower	Upper
56	100		
55	32.6	56.2	84.4#



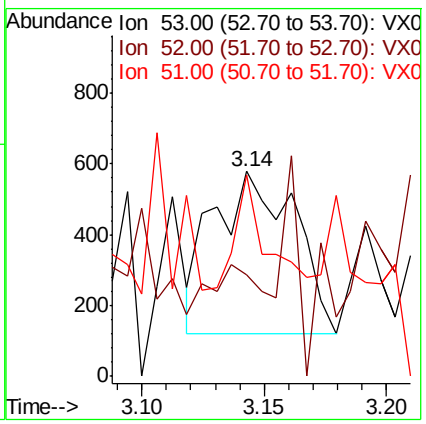


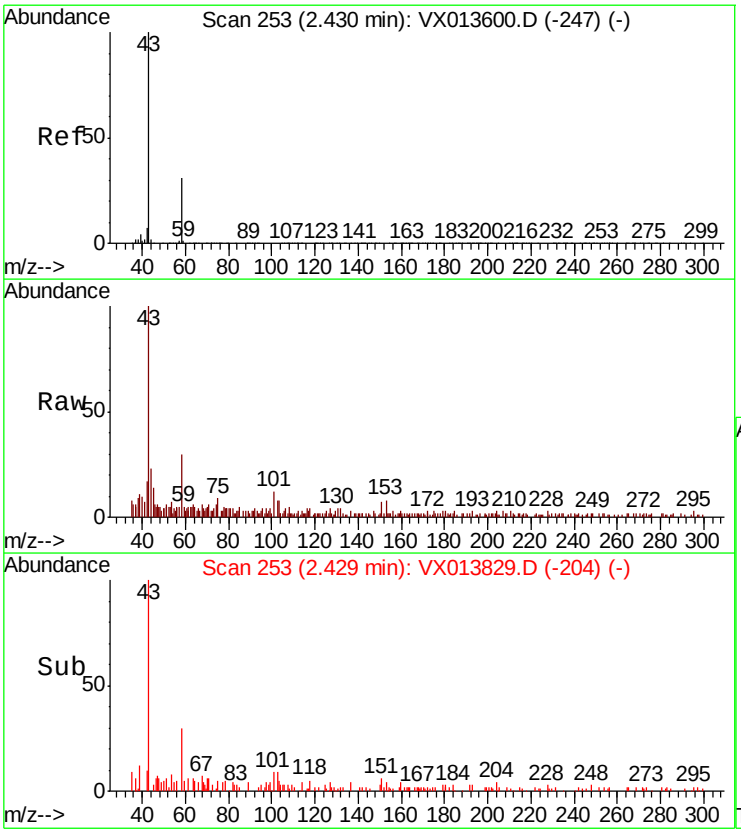
#15
Acrylonitrile
Concen: 0.281 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument : MSVOA_X
ClientSampleId : TT101D1-20191205

Tgt Ion: 53 Resp: 1055

Ion	Ratio	Lower	Upper
53	100		
52	18.8	66.2	99.2#
51	33.8	29.0	43.6

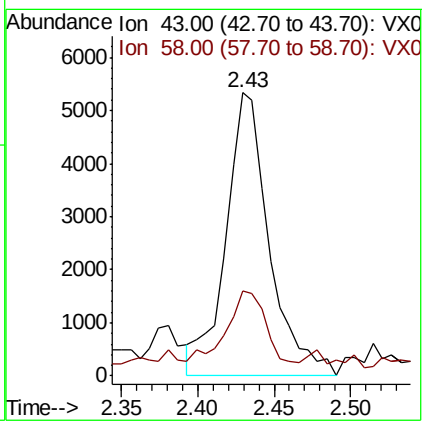


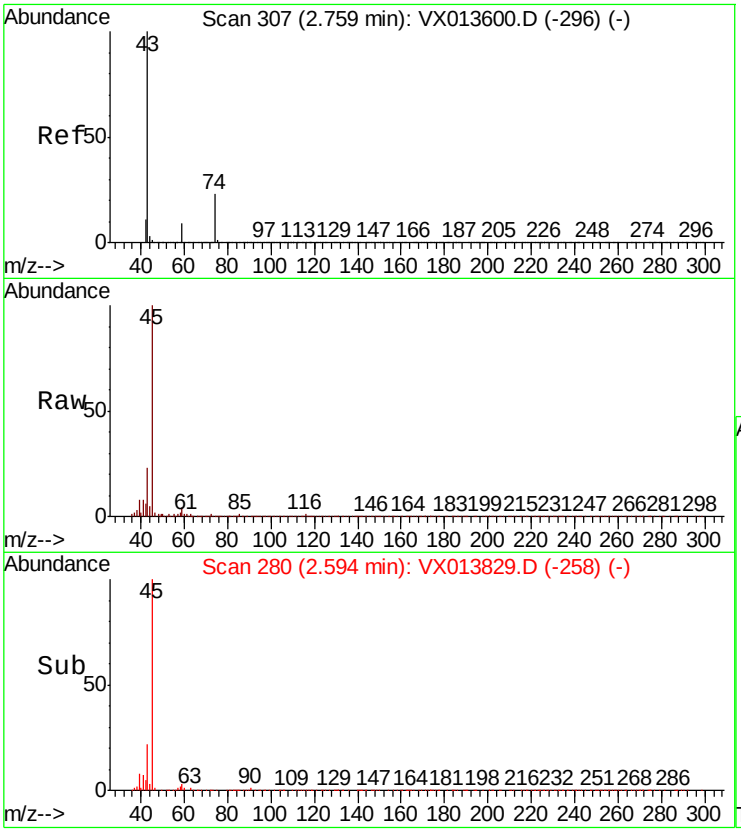


#16
Acetone
Concen: 2.884 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 43 Resp: 10502

Ion	Ratio	Lower	Upper
43	100		
58	24.7	24.6	36.8



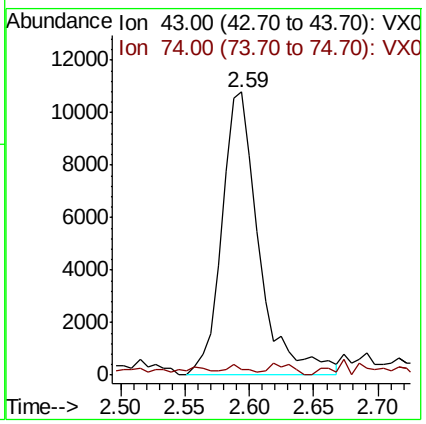


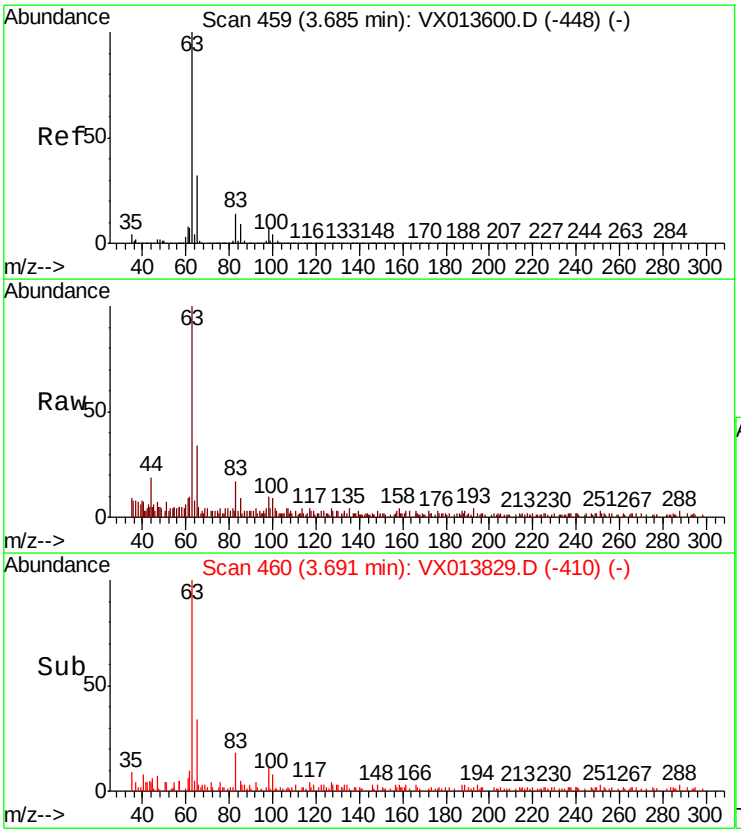
#18
Methyl Acetate
Concen: 2.152 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.16 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument : MSVOA_X
ClientSampleId : TT101D1-20191205

Tgt Ion: 43 Resp: 21816

Ion	Ratio	Lower	Upper
43	100		
74	1.2	19.5	29.3#

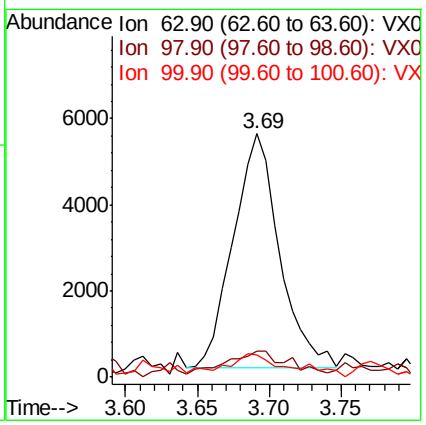


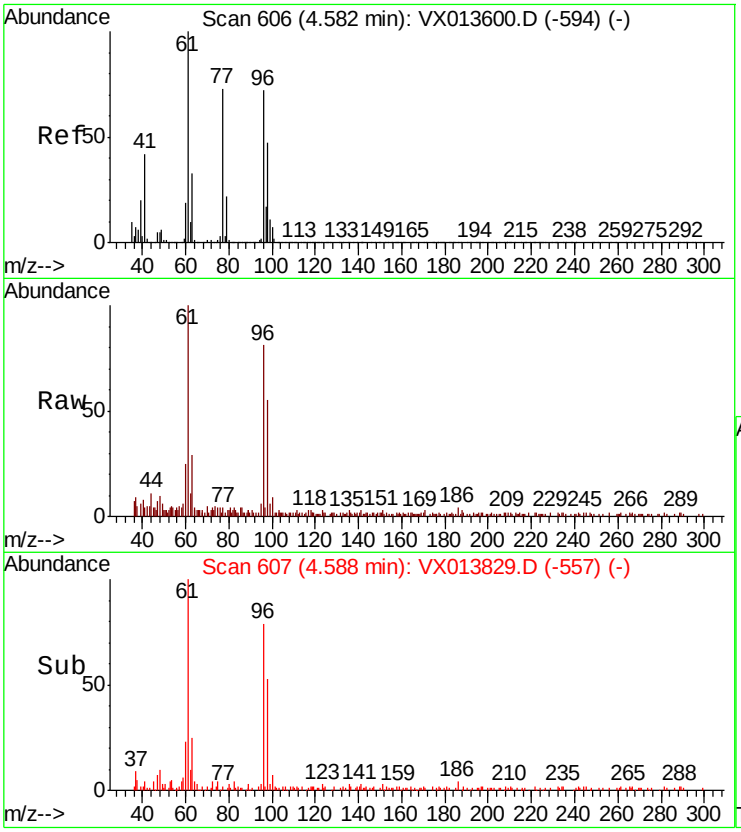


#24
1,1-Dichloroethane
Concen: 1.052 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 63 Resp: 12150

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.5	10.4
100	7.4	2.1	6.3#



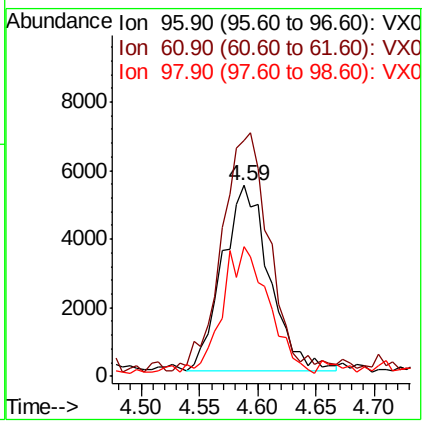


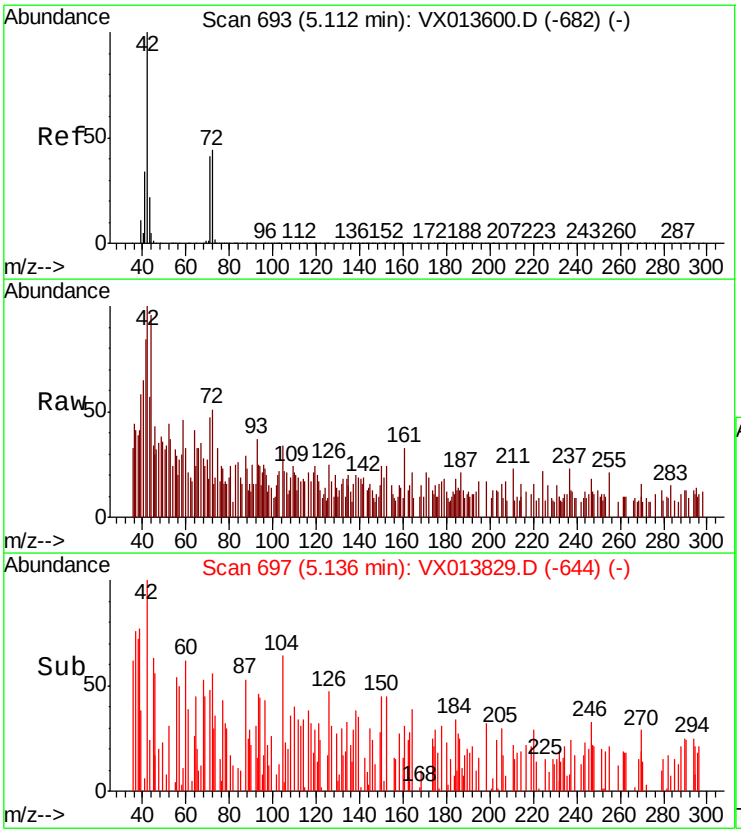
#27
cis-1,2-Dichloroethene
Concen: 2.014 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument : MSVOA_X
ClientSampleId : TT101D1-20191205

Tgt Ion: 96 Resp: 15238

Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	286.4
98	66.2	0.0	127.4

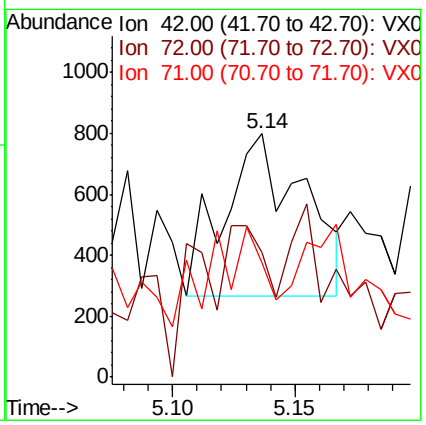


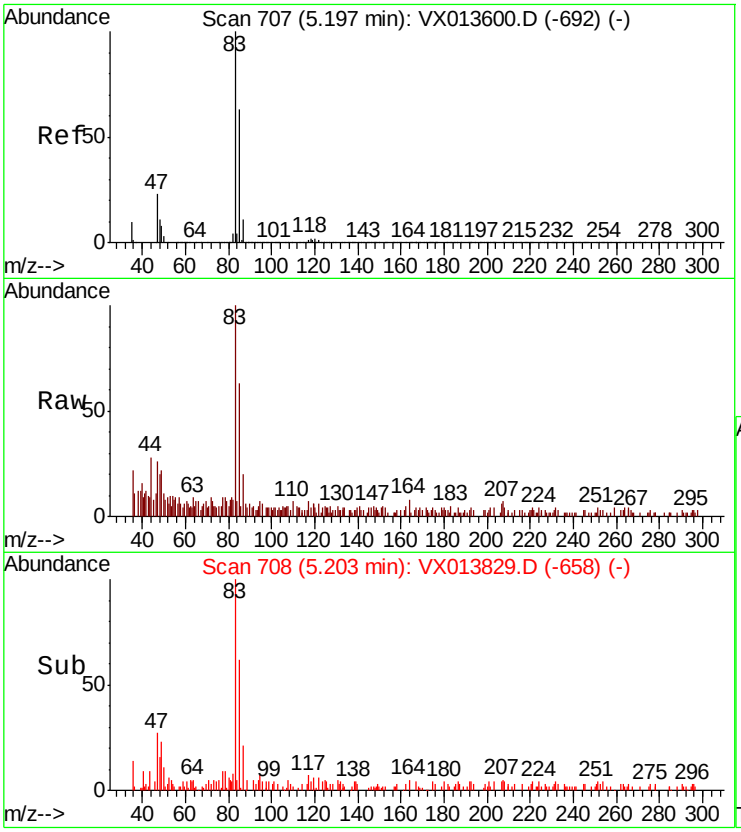


#29
Tetrahydrofuran
Concen: 0.364 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 42 Resp: 1213

Ion	Ratio	Lower	Upper
42	100		
72	31.9	36.3	54.5#
71	57.5	33.2	49.8#



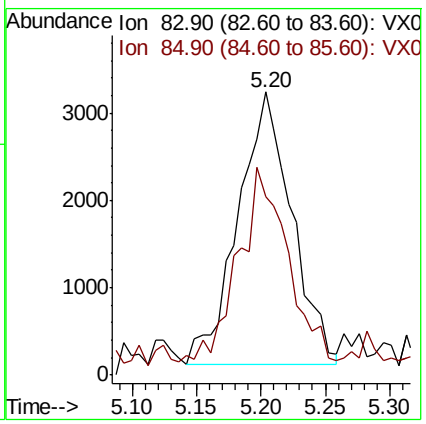


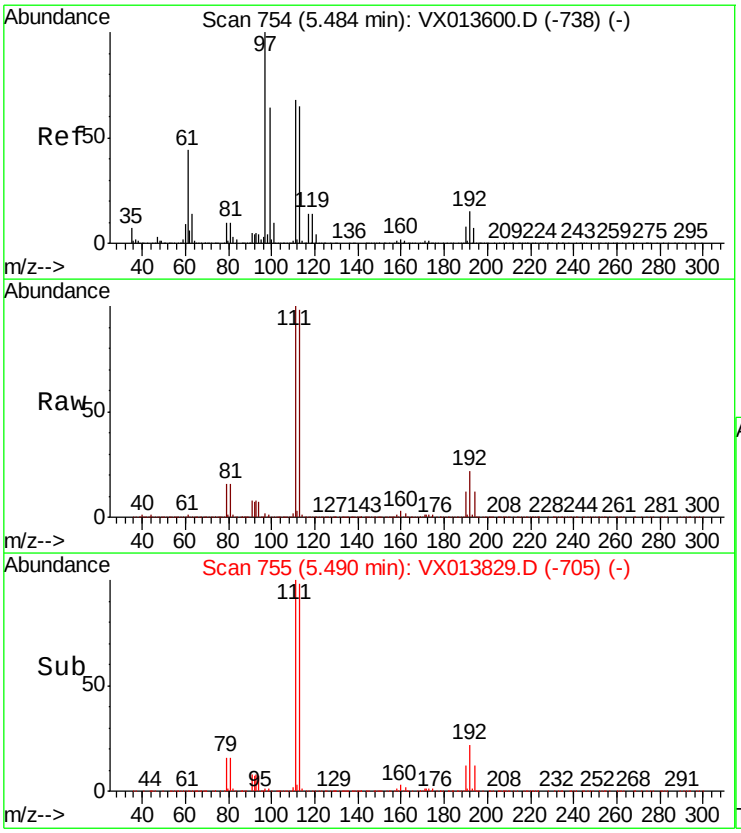
#30
Chloroform
Concen: 0.769 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion: 83 Resp: 9004

Ion	Ratio	Lower	Upper
83	100		
85	60.4	50.2	75.4

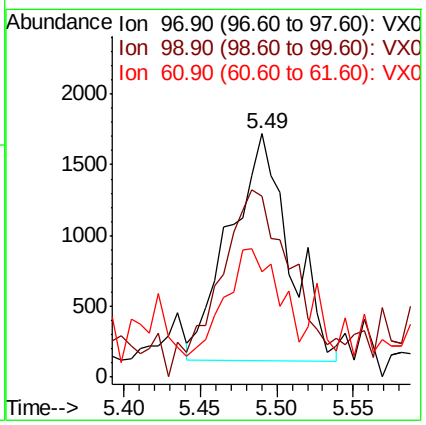


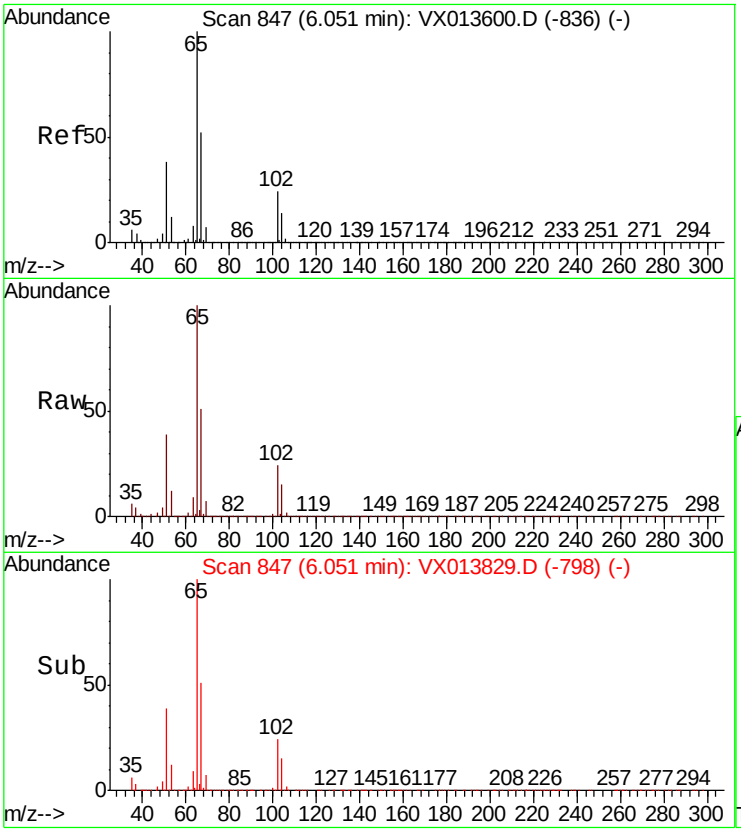


#32
1,1,1-Trichloroethane
Concen: 0.444 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 97 Resp: 4344

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	41.9	36.1	54.1



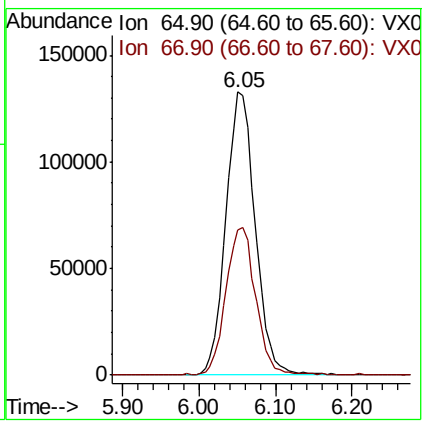


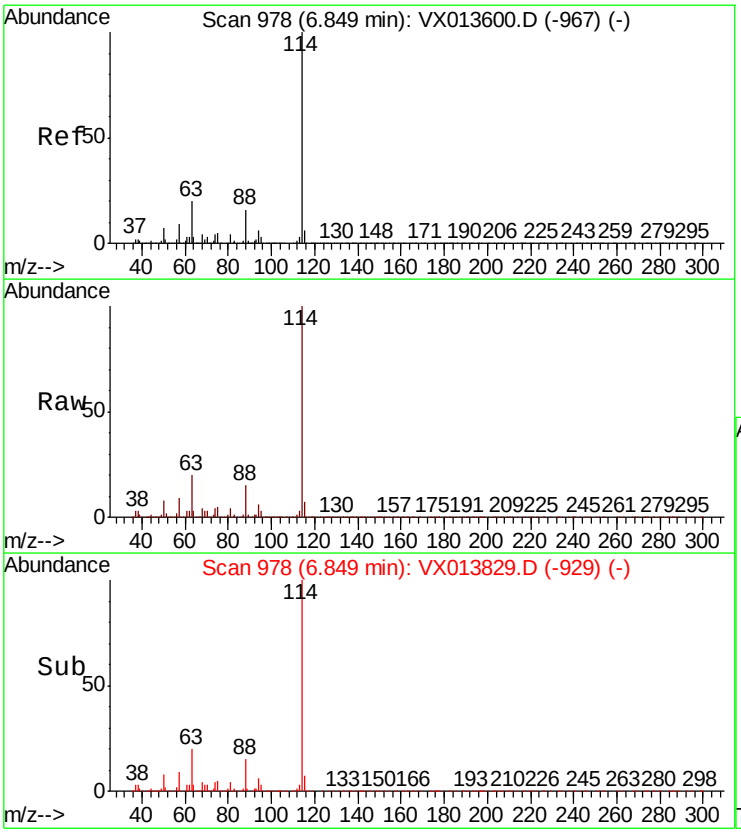
#33
1,2-Dichloroethane-d4
Concen: 47.473 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion: 65 Resp: 350114

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.4

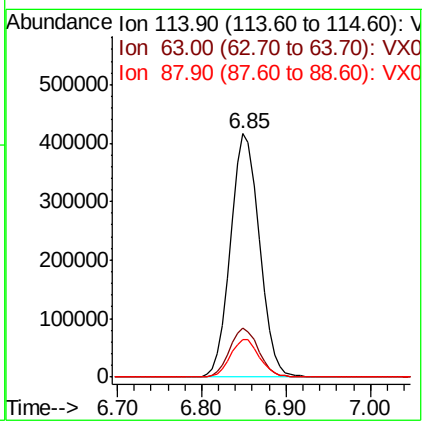


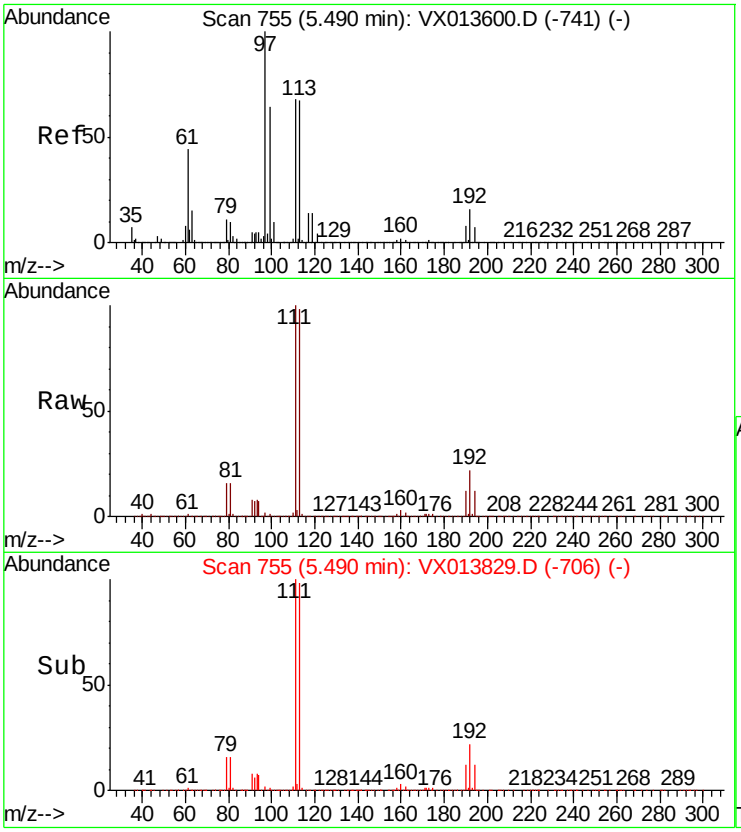


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion:114 Resp: 966717

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	15.2	0.0	31.4



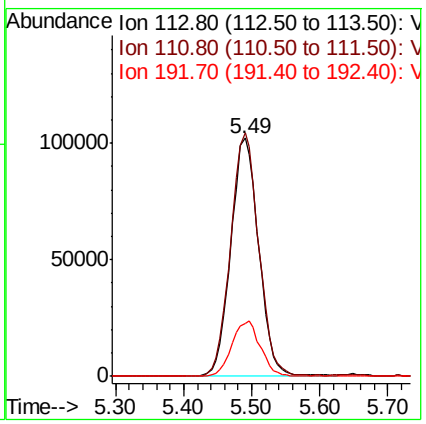


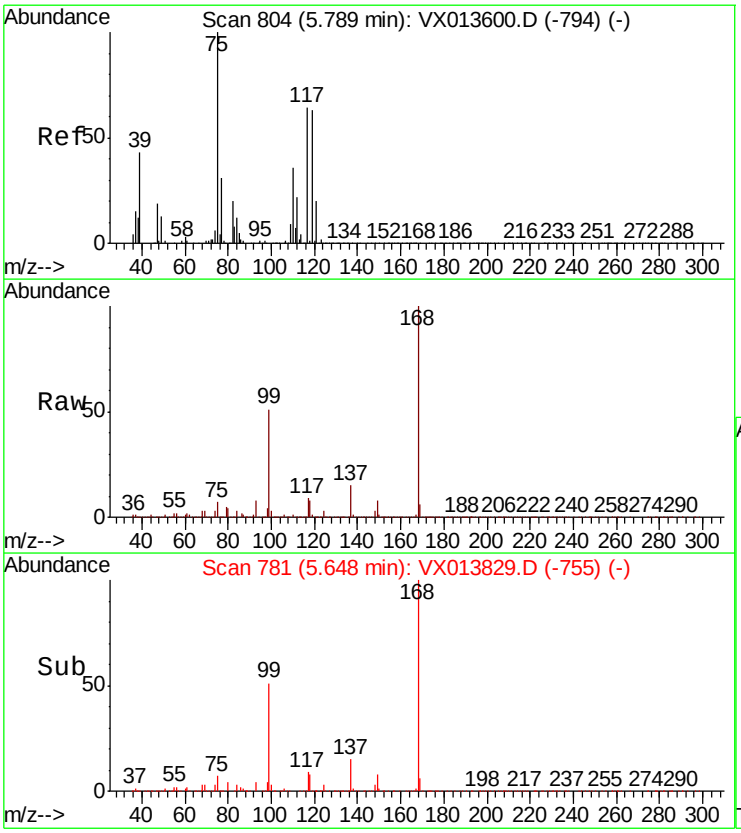
#35
Dibromofluoromethane
Concen: 48.519 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion:113 Resp: 289965

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.6	125.4
192	23.9	19.2	28.8

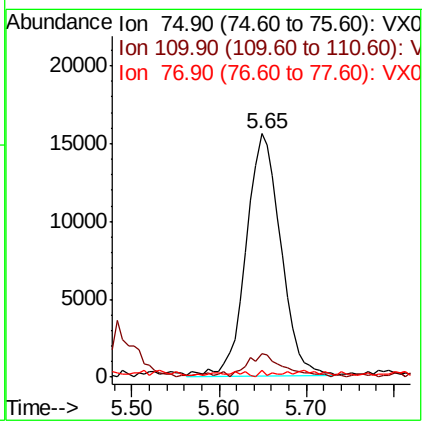


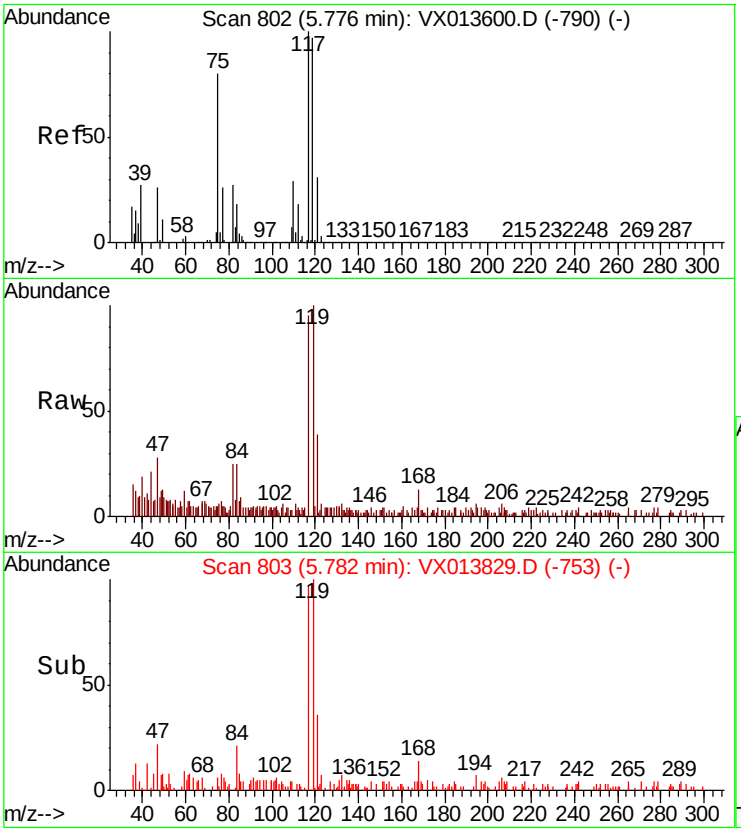


#36
1,1-Dichloropropene
Concen: 4.882 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 75 Resp: 42839

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.9	24.5	36.7#



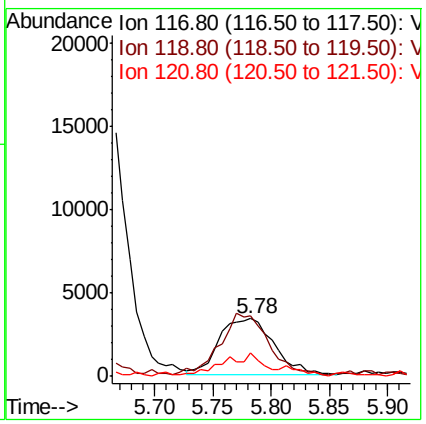


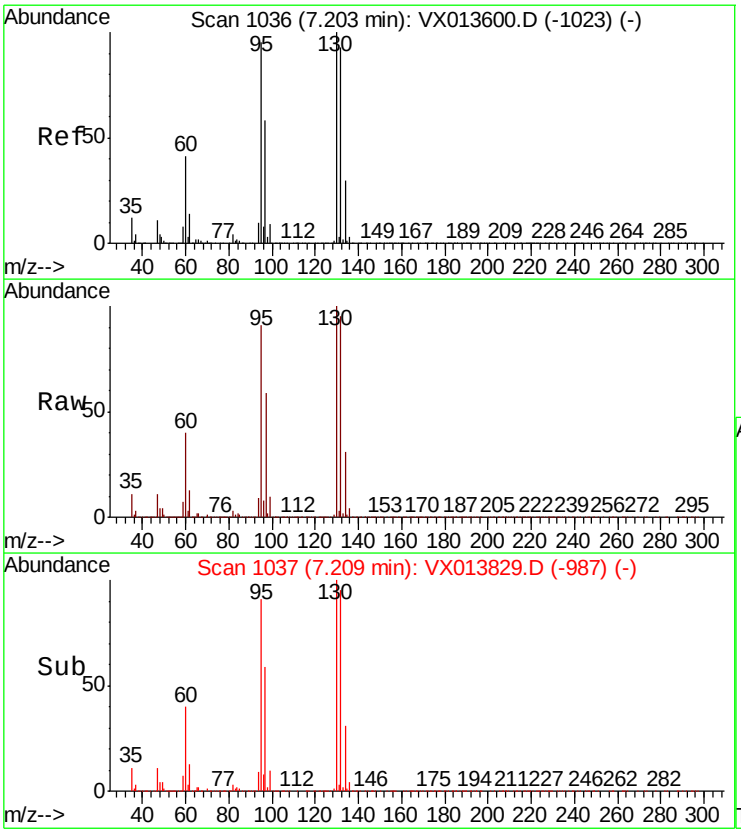
#38
Carbon Tetrachloride
Concen: 1.363 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion:117 Resp: 11027

Ion	Ratio	Lower	Upper
117	100		
119	103.7	77.5	116.3
121	37.1	25.0	37.6

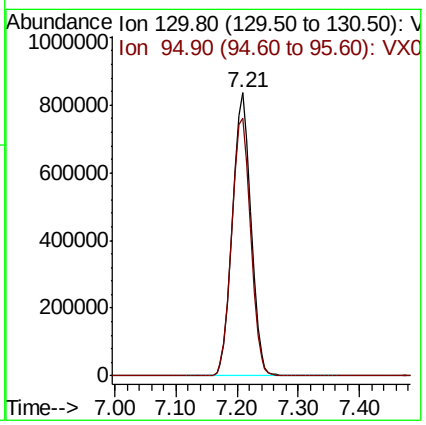


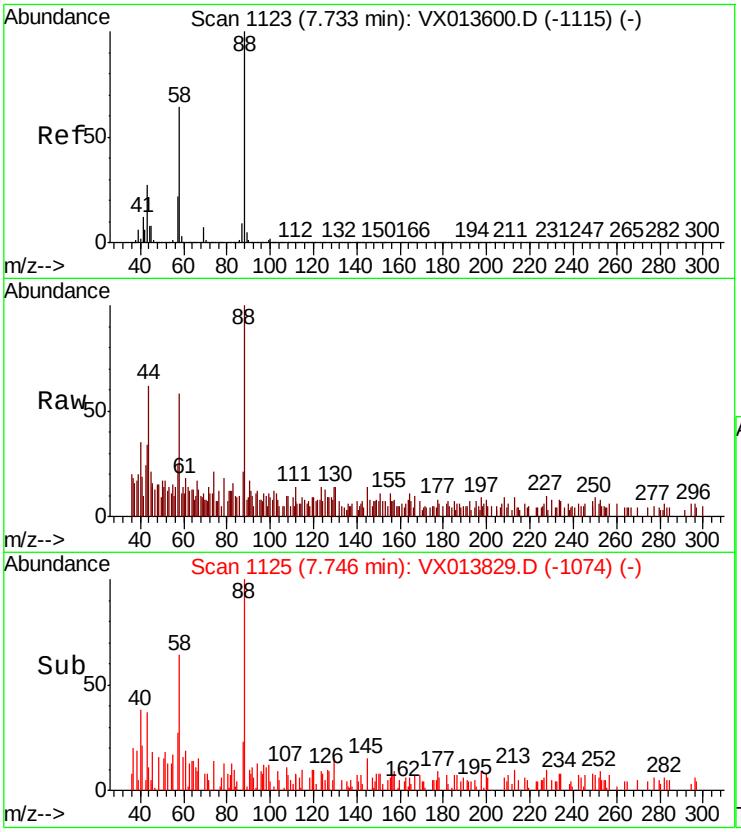


#44
Trichloroethene
Concen: 234.945 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion:130 Resp: 1723345

Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	190.8



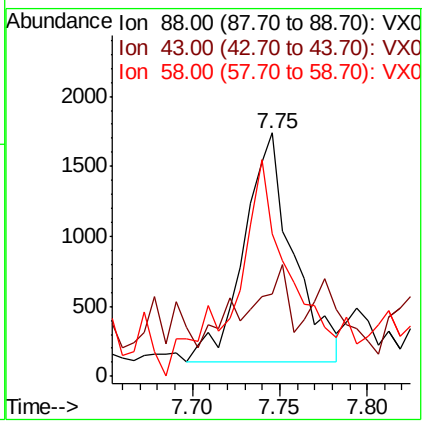


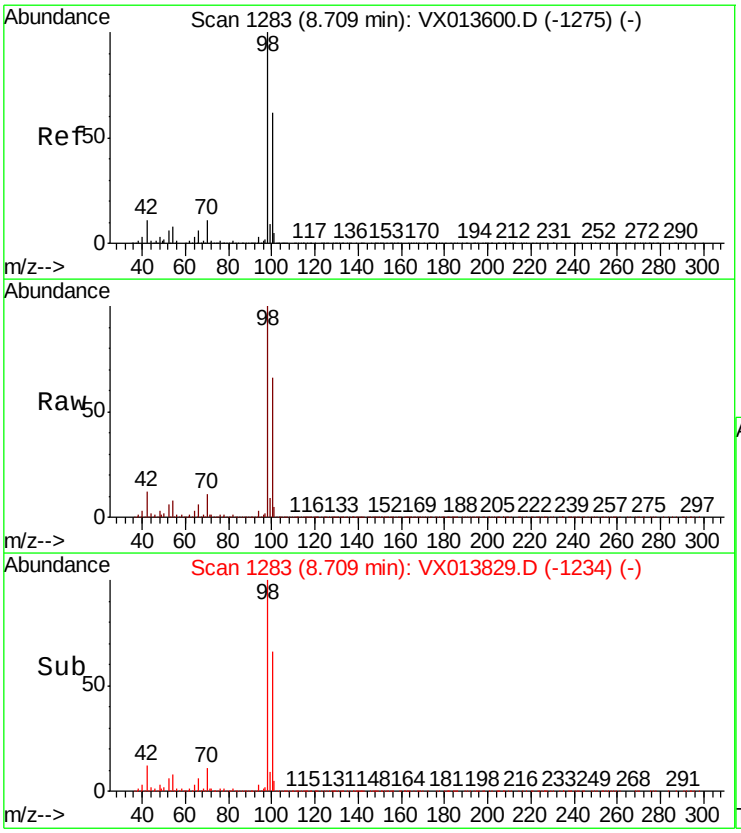
#49
1,4-Dioxane
Concen: 18.149 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion: 88 Resp: 3199

Ion	Ratio	Lower	Upper
88	100		
43	29.9	25.8	38.6
58	107.8	54.6	82.0#

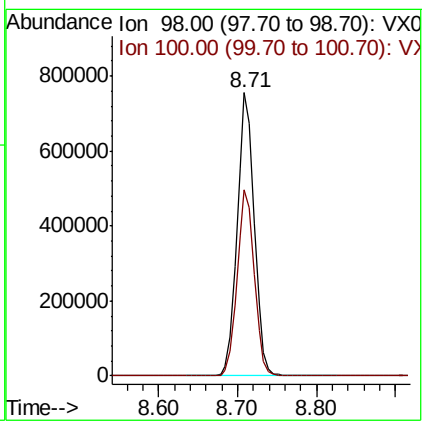


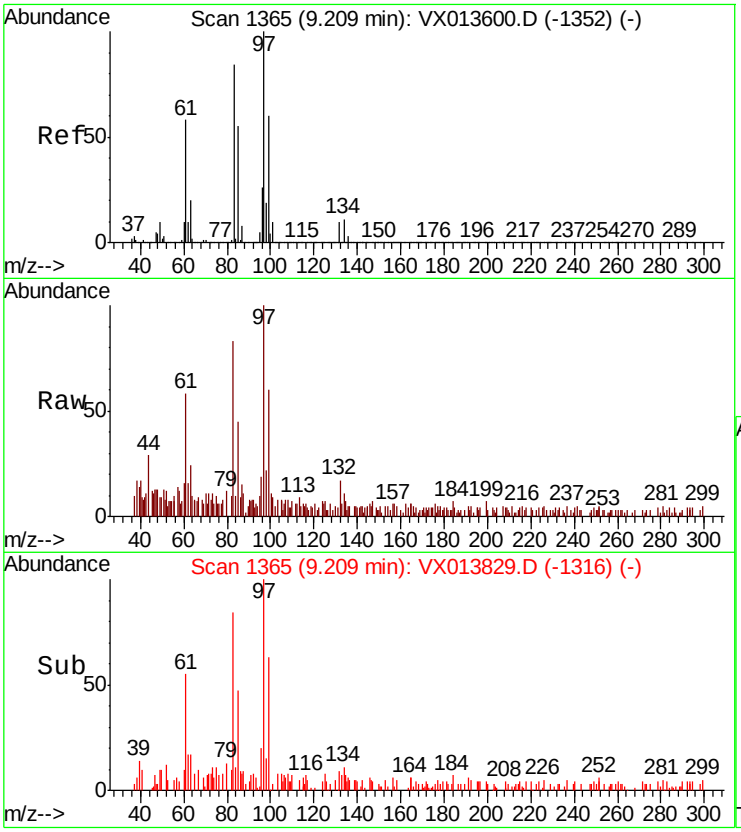


#50
Toluene-d8
Concen: 48.921 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 98 Resp: 1139113

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7



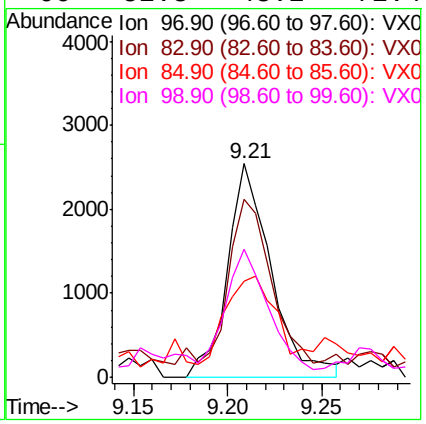


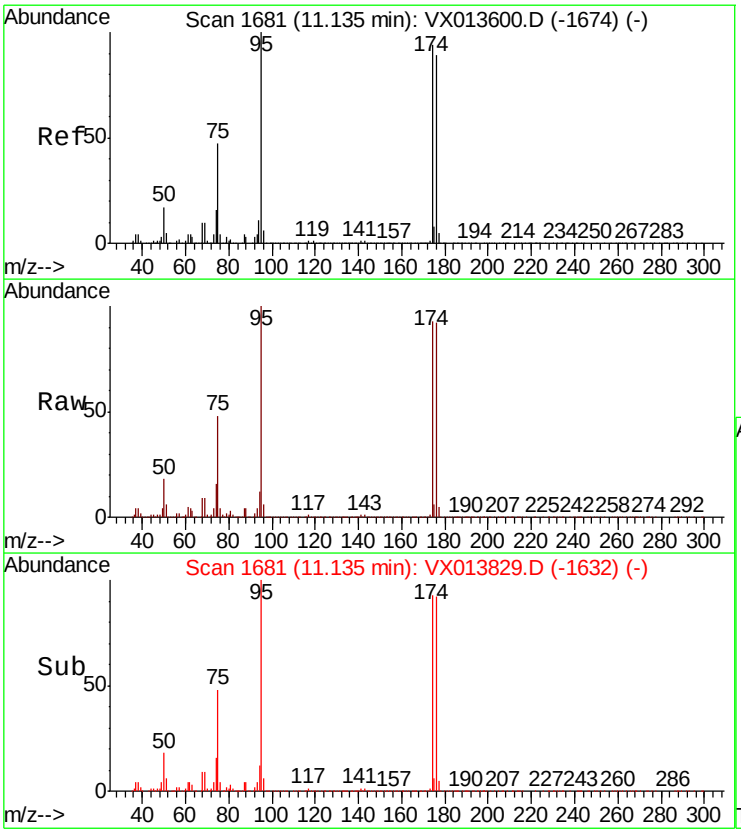
#55
1,1,2-Trichloroethane
Concen: 0.611 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion: 97 Resp: 4085

Ion	Ratio	Lower	Upper
97	100		
83	72.5	67.3	100.9
85	37.6	43.6	65.4#
99	52.8	48.2	72.4

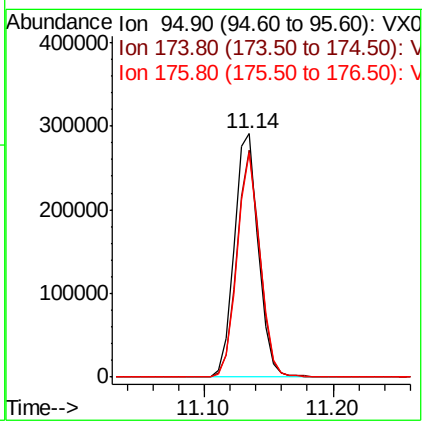


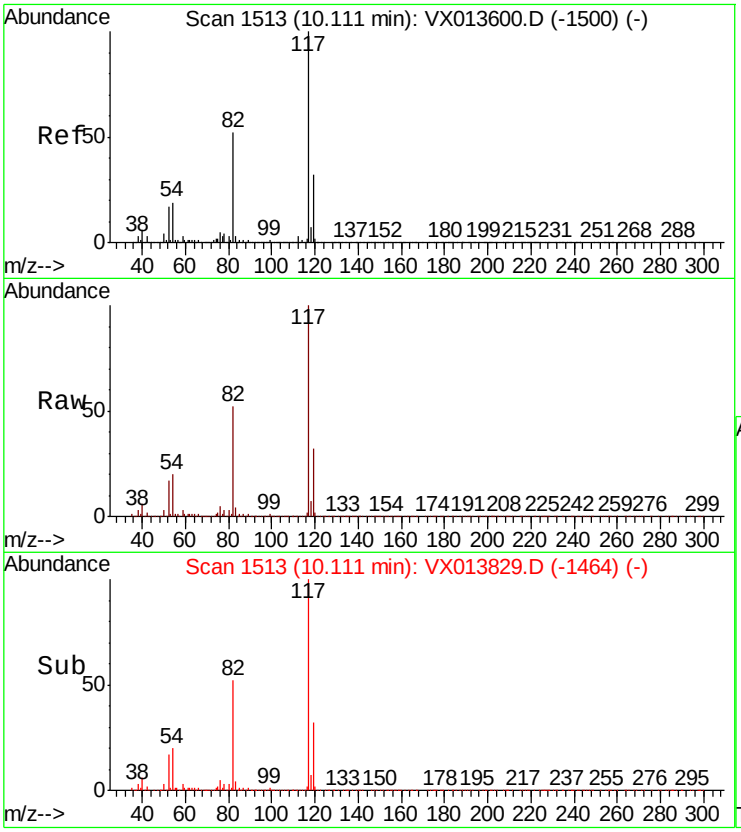


#62
4-Bromofluorobenzene
Concen: 45.004 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 95 Resp: 377879

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	180.0
176	87.3	0.0	173.6



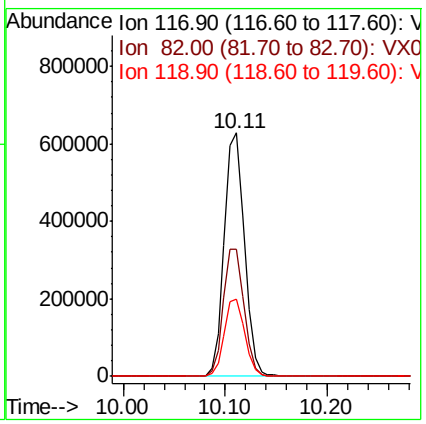


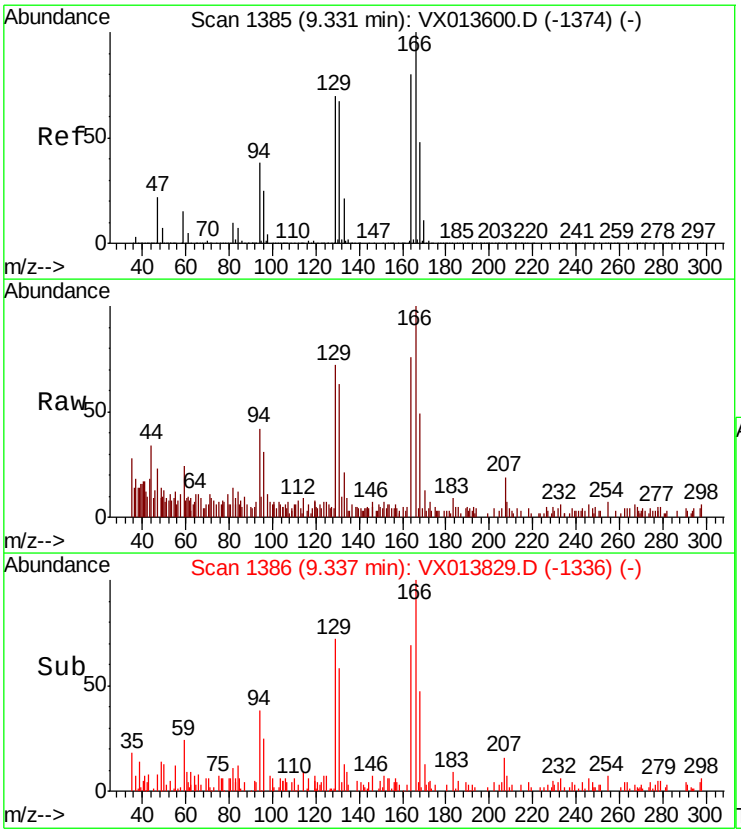
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument : MSVOA_X
ClientSampleId : TT101D1-20191205

Tgt Ion:117 Resp: 863311

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.8
119	31.7	25.8	38.8

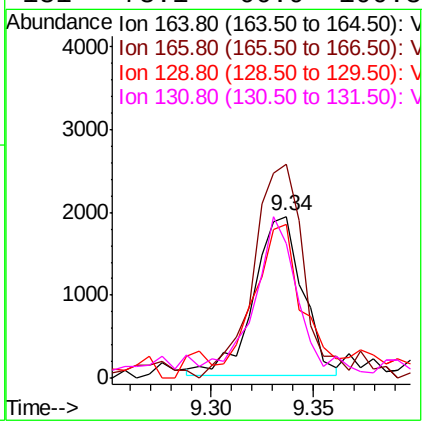


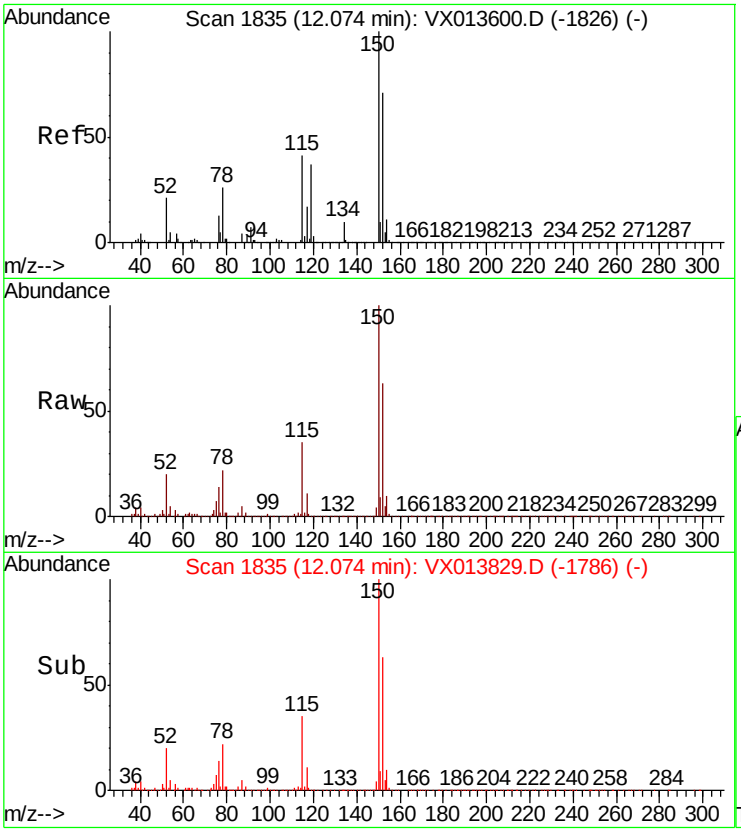


#64
Tetrachloroethene
Concen: 0.501 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion:164 Resp: 3223

Ion	Ratio	Lower	Upper
164	100		
166	134.6	99.7	149.5
129	87.8	70.1	105.1
131	73.1	66.9	100.3



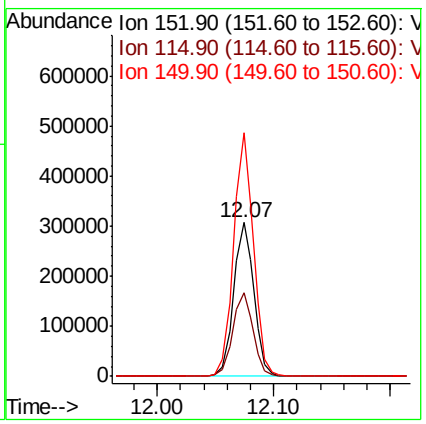


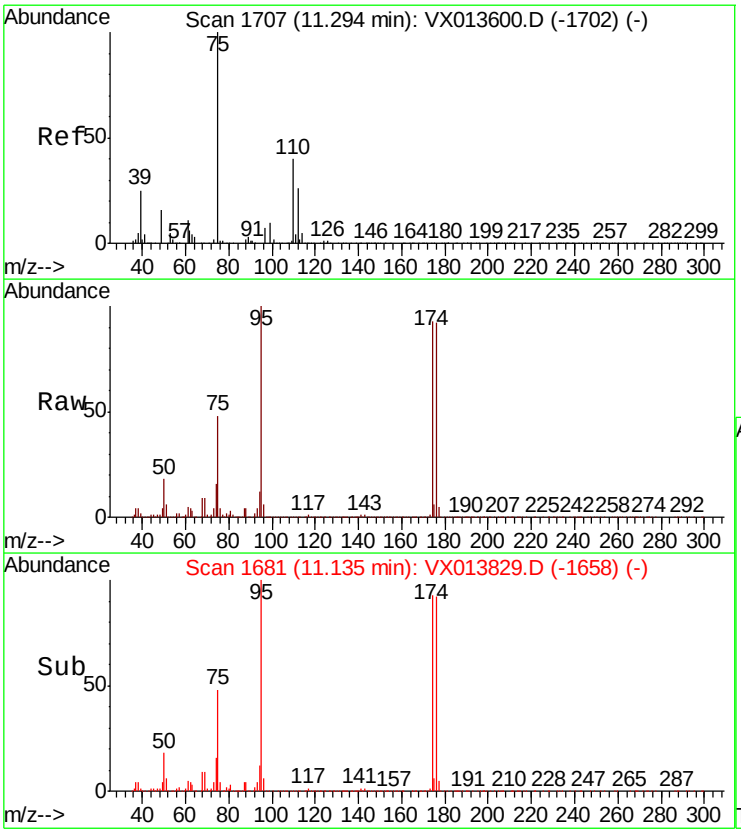
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument : MSVOA_X
ClientSampleId : TT101D1-20191205

Tgt Ion:152 Resp: 371636

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.4	115.1
150	154.6	0.0	346.8

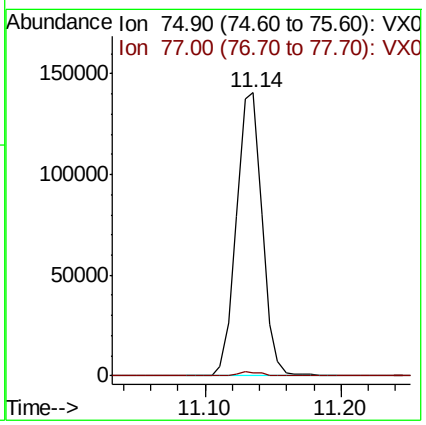


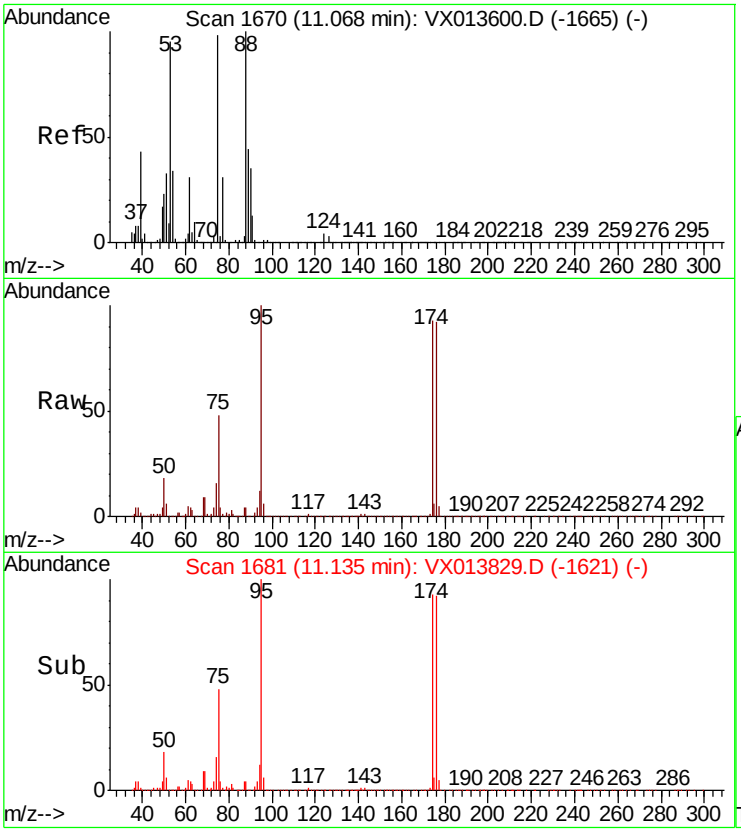


#76
1,2,3-Trichloropropane
Concen: 22.059 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion: 75 Resp: 184386

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.350 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tgt Ion: 75 Resp: 184386

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.2#
89	0.3	35.4	53.2#