Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

Quantitation Report (Not Reviewed)

Data File : VX012446.D
Acq On : 17 Sep 2019 21:03
Operator : JC/SP
Sample : K4858-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE135D3-20190910

Quant Time: Sep 18 03:27:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	108500	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.36%			
35) Dibromofluoromethane	5.49	113	78026	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.36%			
50) Toluene-d8	8.71	98	288654	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.30%			
62) 4-Bromofluorobenzene	11.14	95	99002	42.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	84	0.471	ug/l	80
3) Chloromethane	1.32	50	648	0.750	ug/l #	43
4) Vinyl Chloride	1.41	62	276	0.296	ug/l #	44
5) Bromomethane	1.62	94	211	0.575	ug/l #	48
6) Chloroethane	1.68	64	480	0.657	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10213	8.246	ug/l	97
10) Methyl Iodide	2.50	142	279	4.681	ug/l #	77
11) Tert butyl alcohol	3.03	59	2157	Below Cal	#	72
12) 1,1-Dichloroethene	2.36	96	1236	1.251	ug/l #	88
13) Acrolein	2.30	56	418	0.436	ug/l #	15
16) Acetone	2.44	43	5715	Below Cal		99
17) Carbon Disulfide	2.56	76	283	2.002	ug/l #	75
20) Methylene Chloride	2.85	84	630	0.462	ug/l #	67
21) trans-1,2-Dichloroethene	3.16	96	227	0.221	ug/l #	54
24) 1,1-Dichloroethane	3.69	63	1696	0.658	ug/l #	94
25) 2-Butanone	4.66	43	345	0.221	ug/l #	51
27) cis-1,2-Dichloroethene	4.59	96	8288	5.408	ug/l	85
30) Chloroform	5.19	83	726	0.245	ug/l	84
32) 1,1,1-Trichloroethane	5.48	97	564	0.228	ug/l #	14
36) 1,1-Dichloropropene	5.65	75	14024	9.161	ug/l #	54
38) Carbon Tetrachloride	5.65	117	17347	9.111	ug/l #	16
42) 1,2-Dichloroethane	6.18	62	1438	0.637	ug/l	91
44) Trichloroethene	7.20	130	28165	21.994	ug/l	93
45) 1,2-Dichloropropane	7.51	63	6874	4.596	ug/l	94
49) 1,4-Dioxane	7.84	88	25	0.517	ug/l #	1
57) 1,3-Dichloropropane	9.37	76	534	0.207	ug/l #	77
60) Dibromochloromethane	9.33	129	28820	17.507	ug/l #	11
64) Tetrachloroethene	9.33	164	29655	31.744	ug/l	90
71) Bromoform	11.11	173	65	2.921	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	51780	28.731	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	51780	77.090	ug/l #	8

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

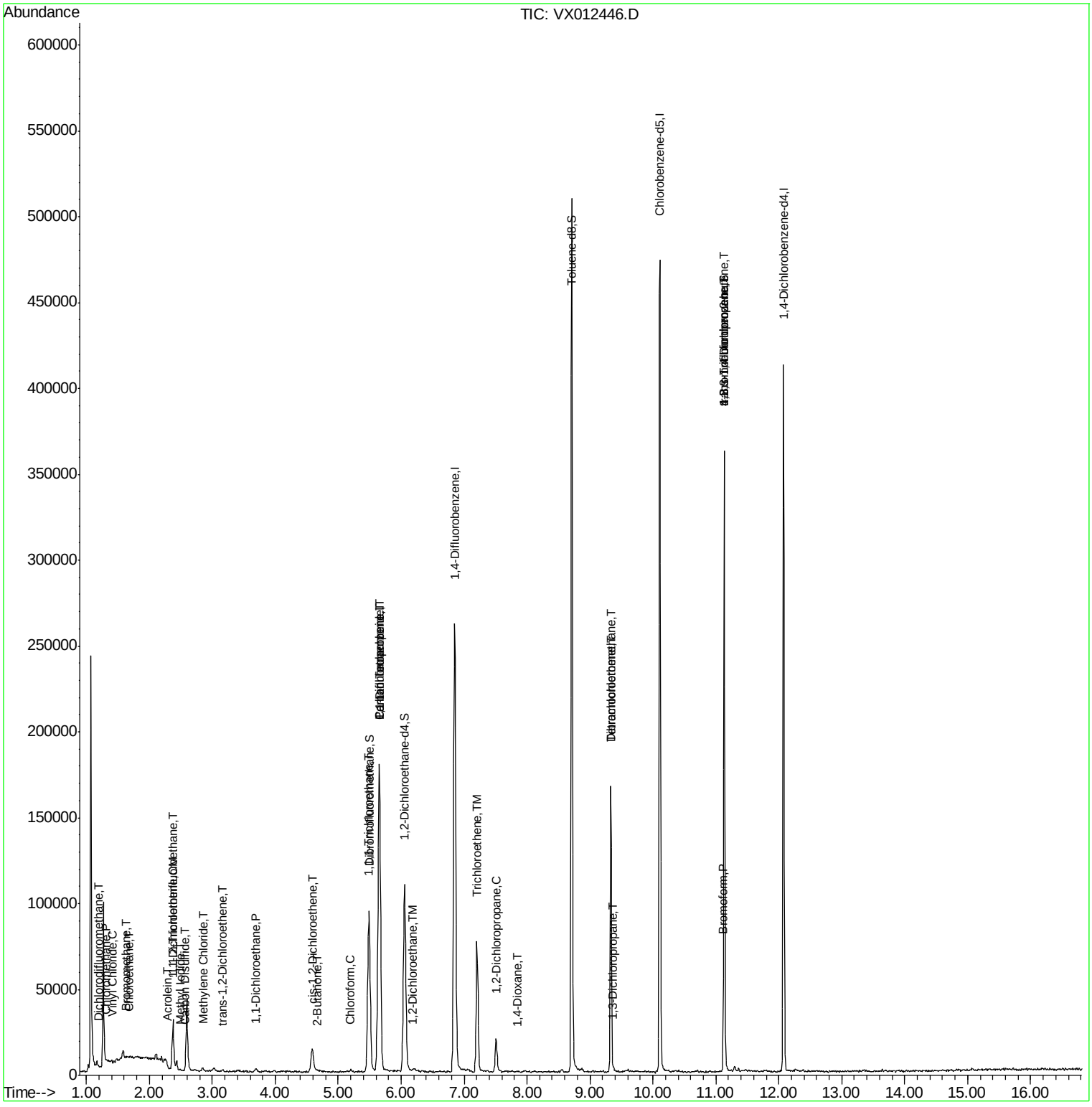
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

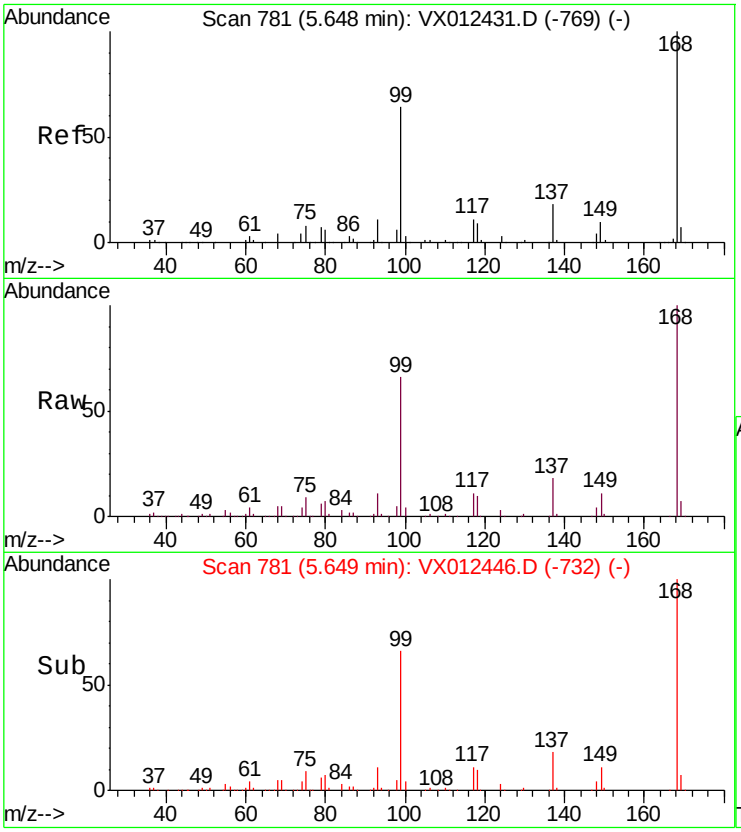
Quantitation Report (Not Reviewed)

Data File : VX012446.D
Acq On : 17 Sep 2019 21:03
Operator : JC/SP
Sample : K4858-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Quant Time: Sep 18 03:27:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



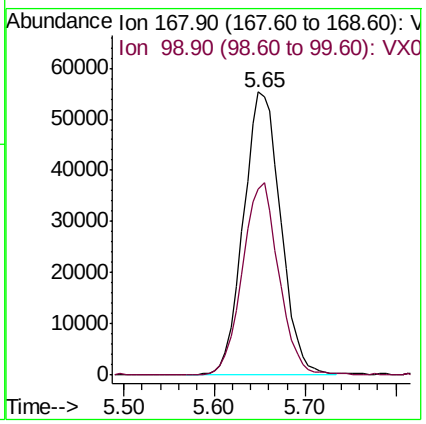


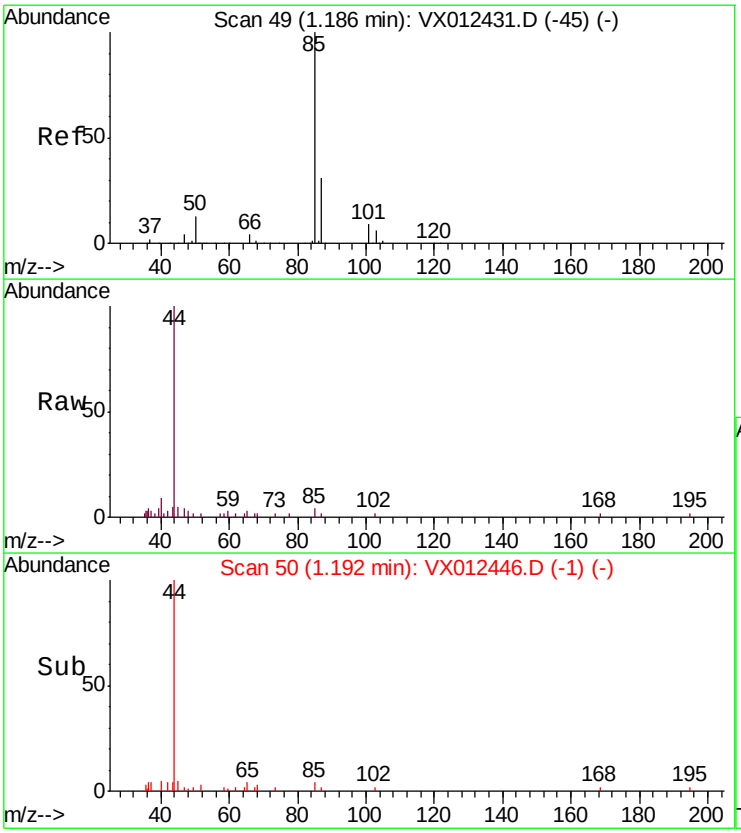
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion:168 Resp: 157143

Ion	Ratio	Lower	Upper
168	100		
99	65.7	51.4	77.2

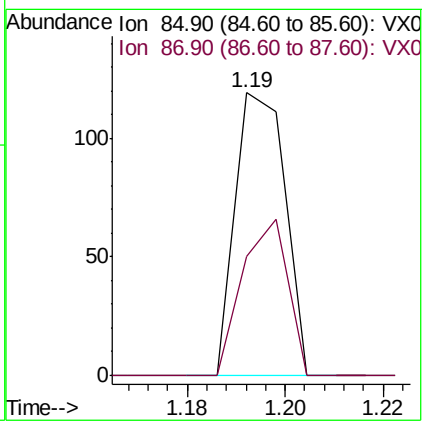


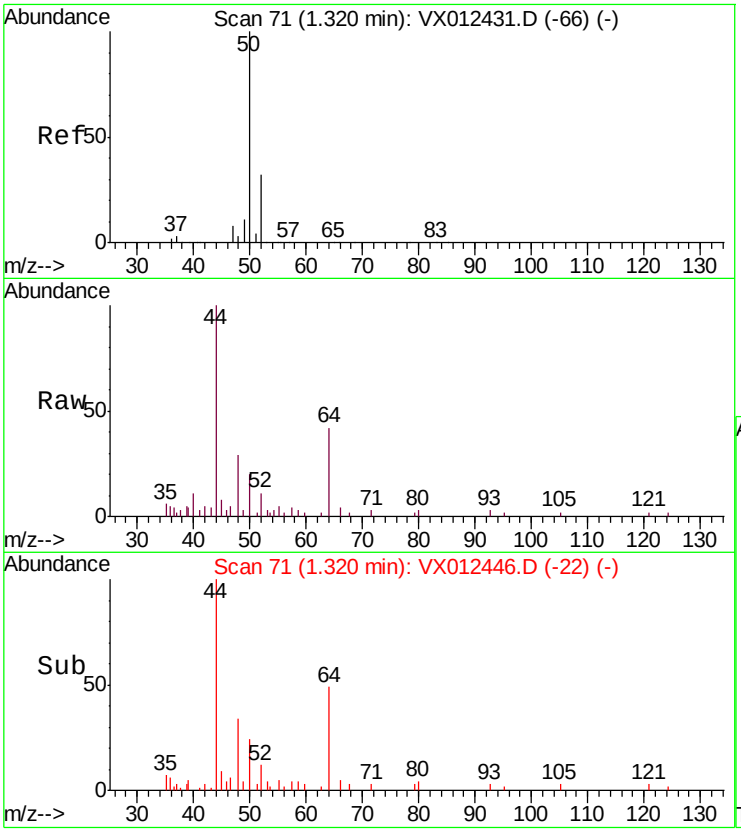


#2
Dichlorodifluoromethane
Concen: 0.471 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 85 Resp: 84

Ion	Ratio	Lower	Upper
85	100		
87	42.0	15.6	46.8



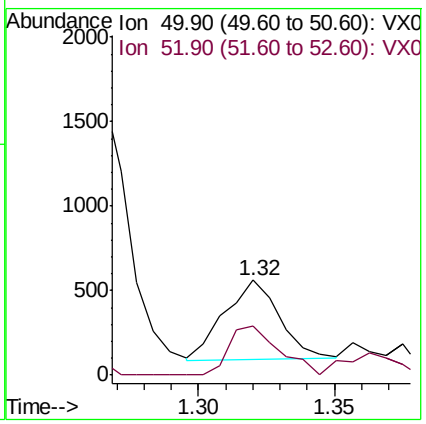


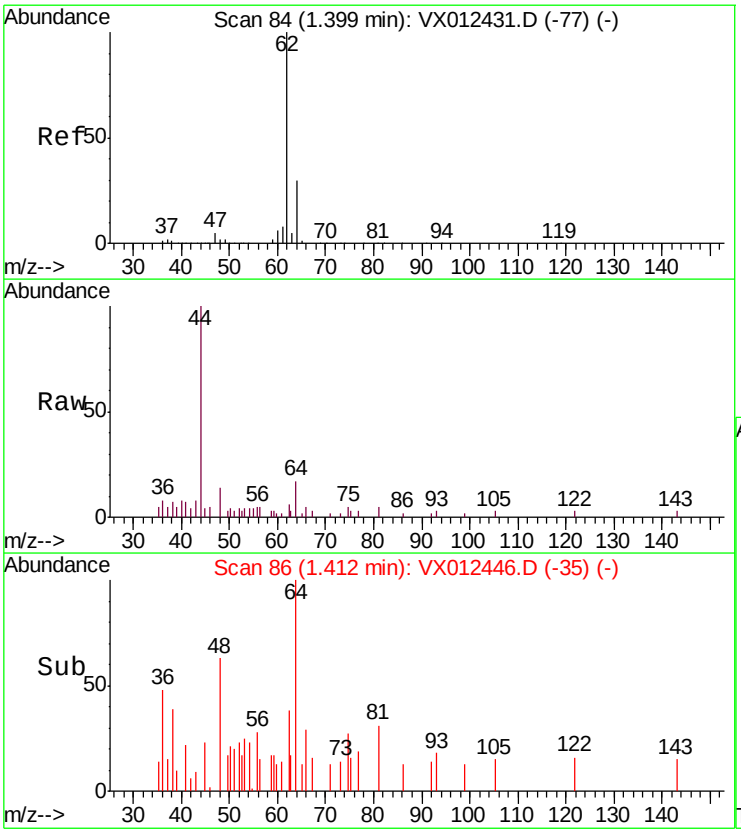
#3
Chloromethane
Concen: 0.750 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 50 Resp: 648

Ion	Ratio	Lower	Upper
50	100		
52	63.9	25.7	38.5#

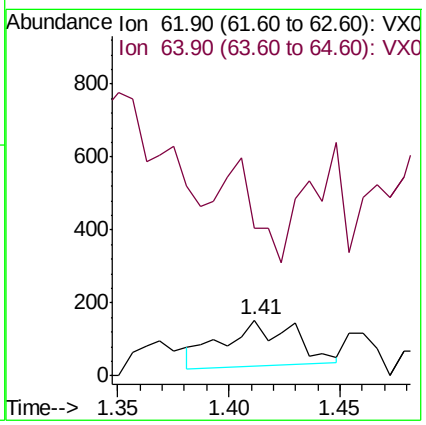


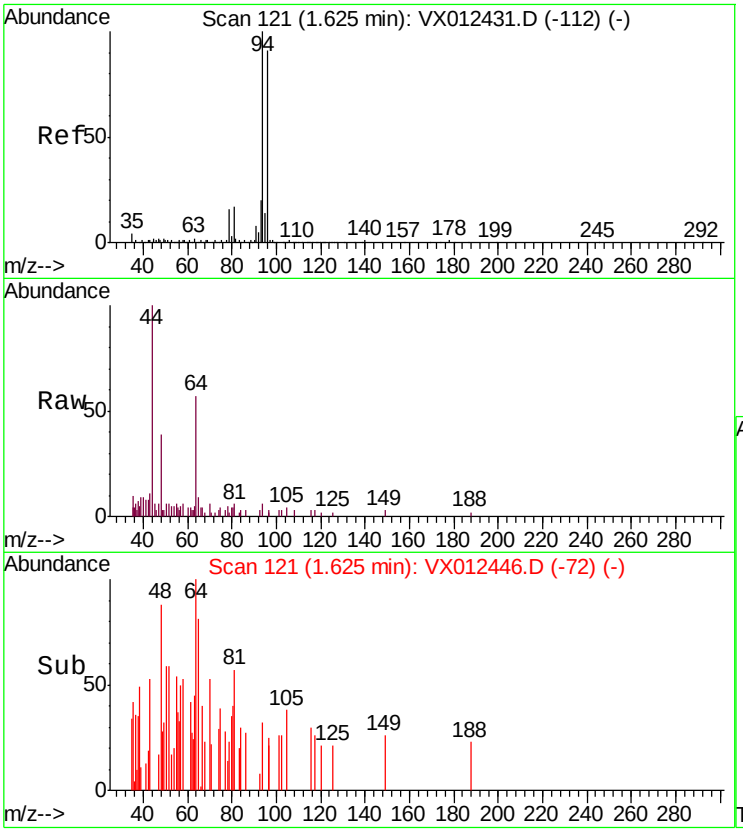


#4
Vinyl Chloride
Concen: 0.296 ug/l
RT: 1.41 min Scan# 86
Delta R.T. 0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 62 Resp: 276

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.2	36.2#



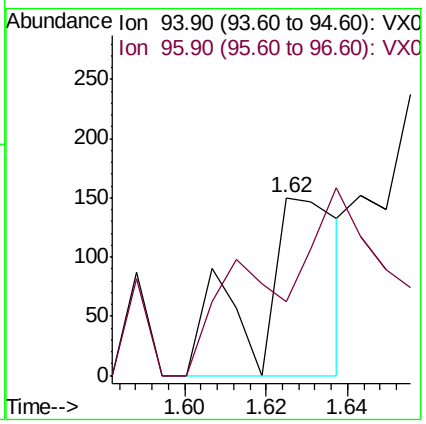


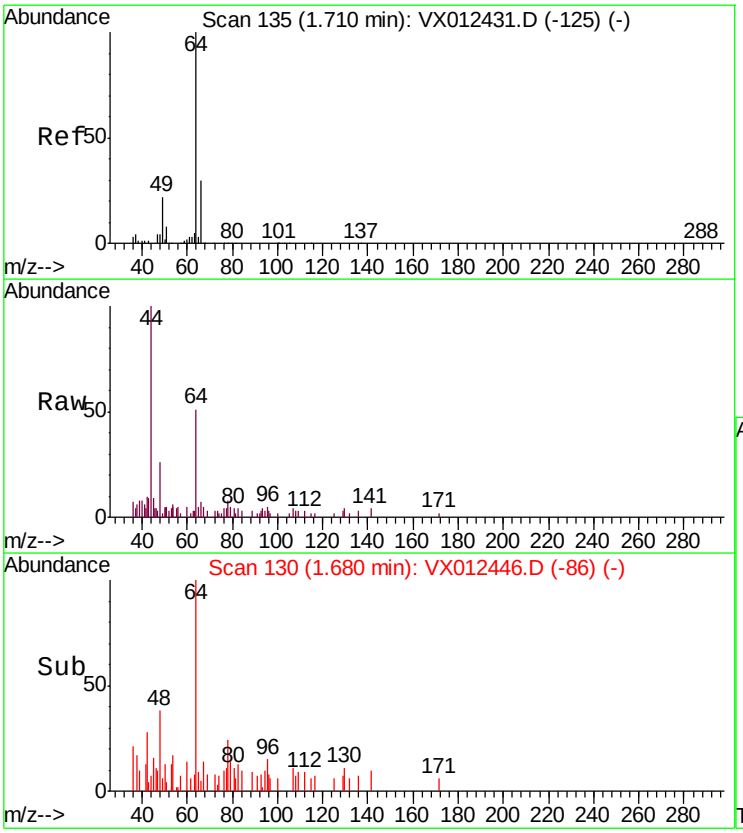
#5
Bromomethane
Concen: 0.575 ug/l
RT: 1.62 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 94 Resp: 211

Ion	Ratio	Lower	Upper
94	100		
96	41.3	72.8	109.2#

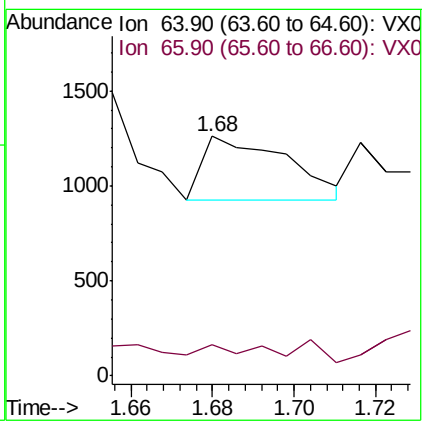


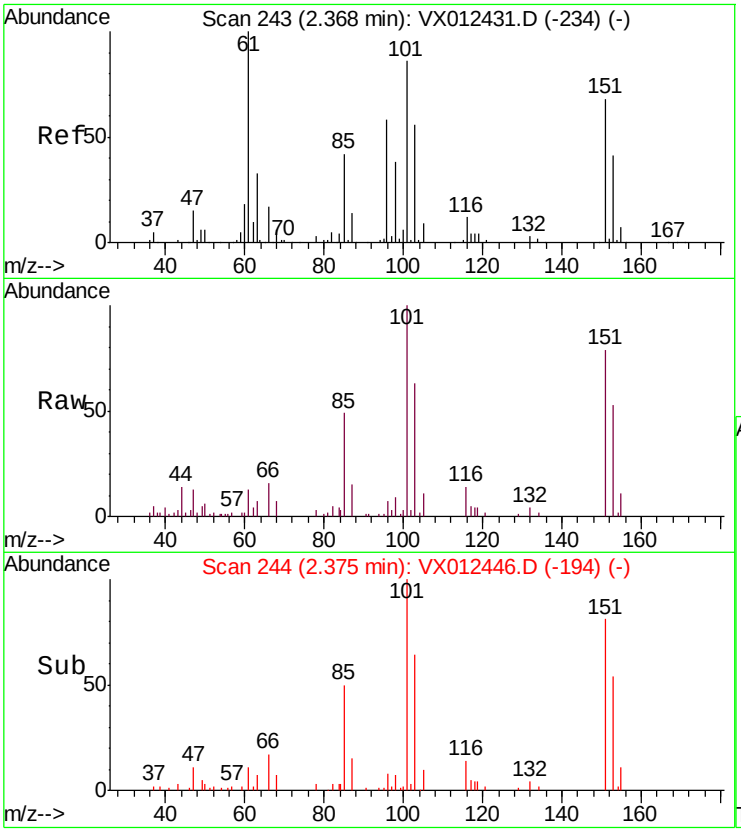


#6
Chloroethane
Concen: 0.657 ug/l
RT: 1.68 min Scan# 130
Delta R.T. -0.03 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 64 Resp: 480

Ion	Ratio	Lower	Upper
64	100		
66	28.4	24.0	36.0



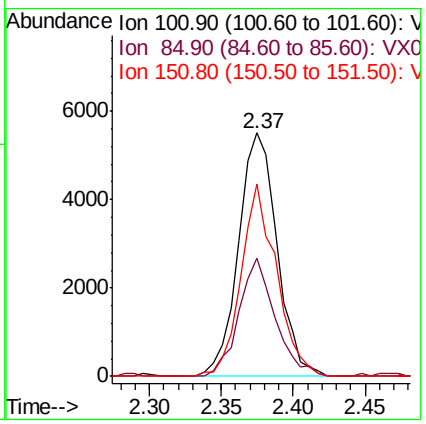


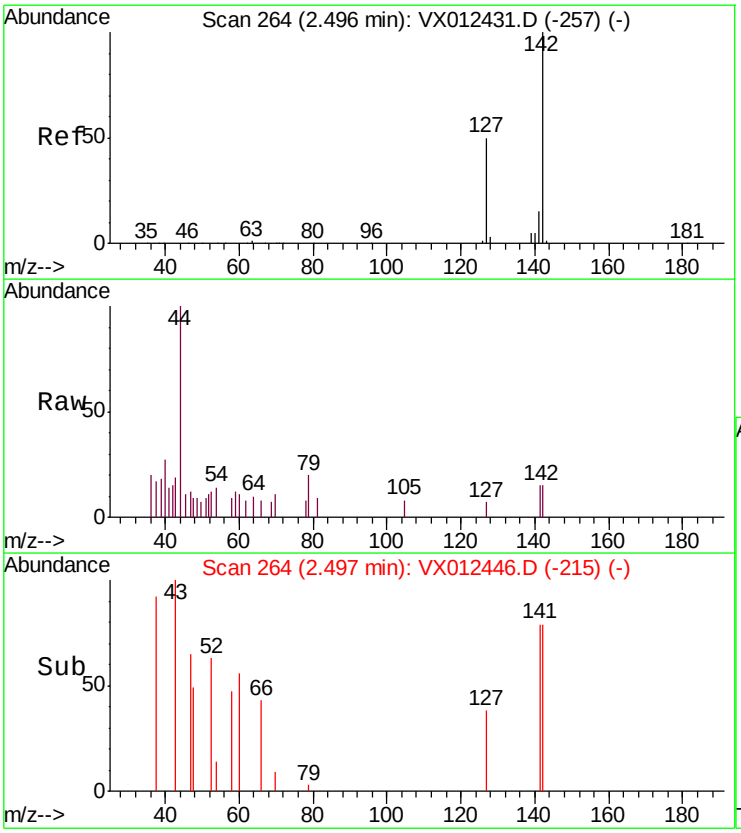
#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.246 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion:101 Resp: 10213

Ion	Ratio	Lower	Upper
101	100		
85	45.7	37.3	55.9
151	72.3	61.0	91.4

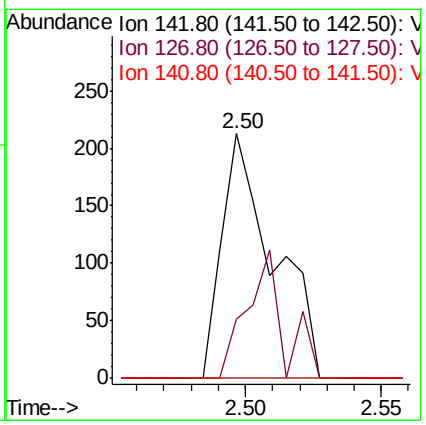


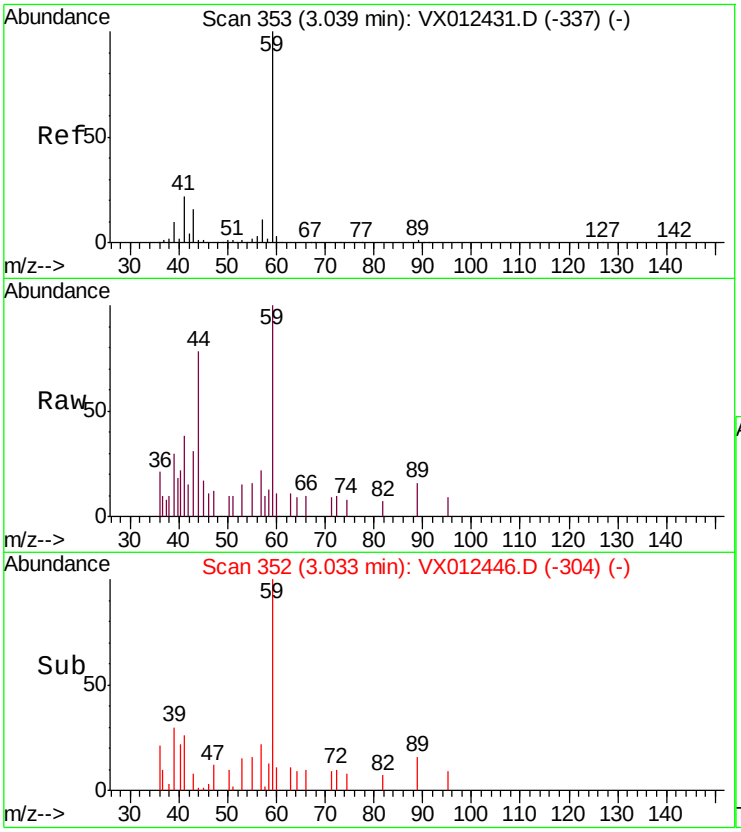


#10
Methyl Iodide
Concen: 4.681 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion:142 Resp: 279

Ion	Ratio	Lower	Upper
142	100		
127	37.3	40.8	61.2#
141	0.0	12.1	18.1#



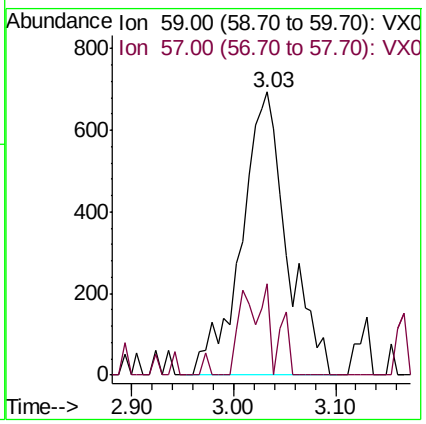


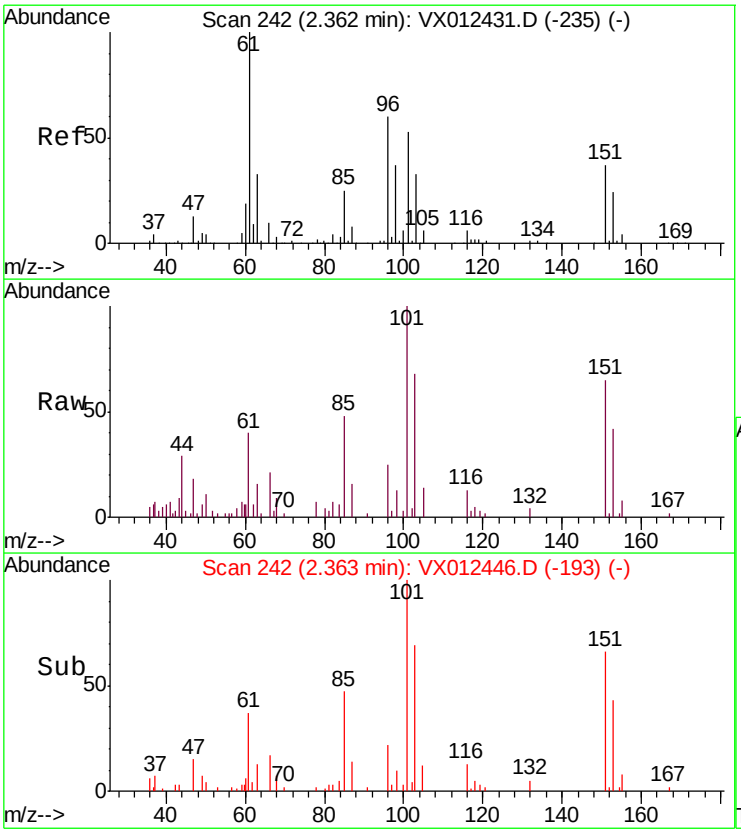
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 59 Resp: 2157

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

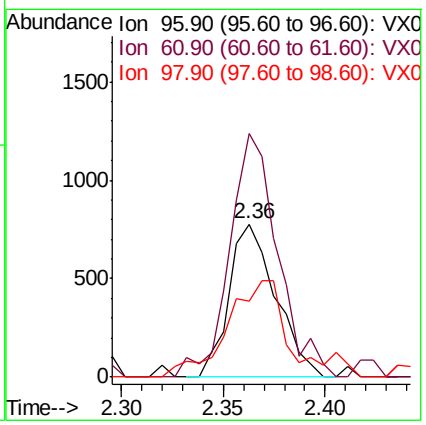


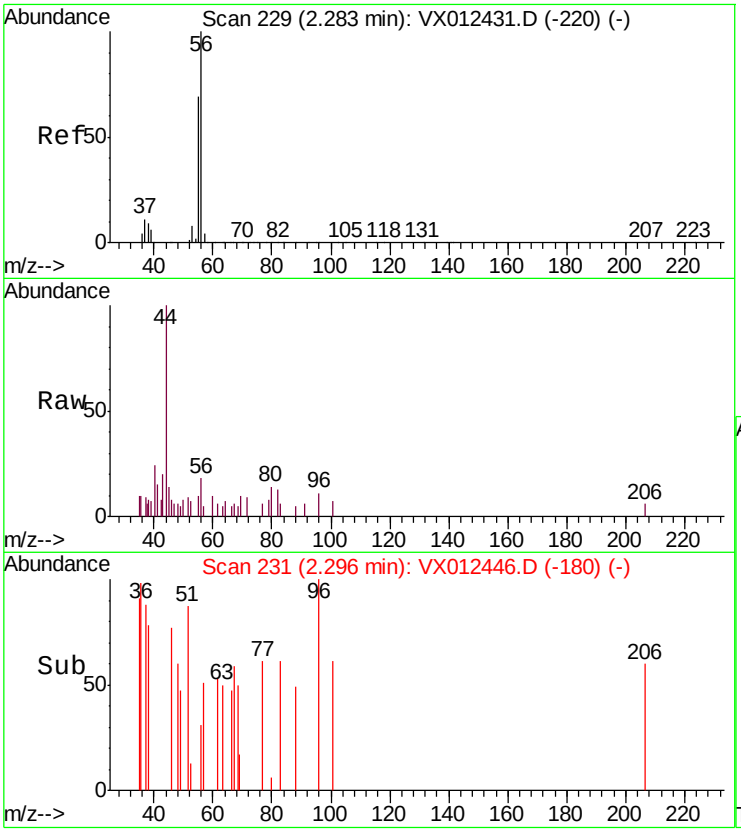


#12
1,1-Dichloroethene
Concen: 1.251 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 96 Resp: 1236

Ion	Ratio	Lower	Upper
96	100		
61	159.4	133.8	200.6
98	39.0	49.9	74.9#



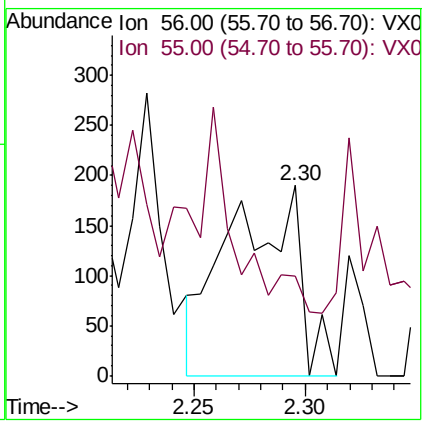


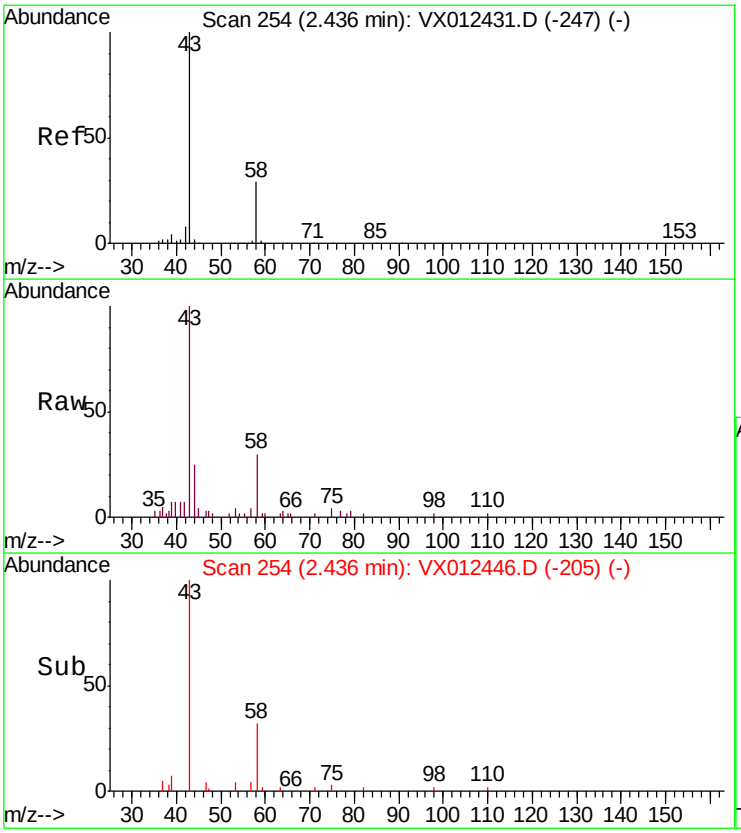
#13
Acrolein
Concen: 0.436 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 56 Resp: 418

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#

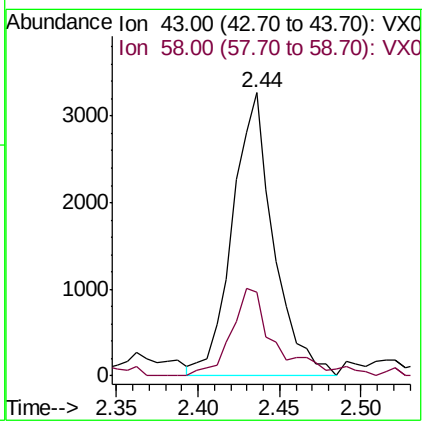


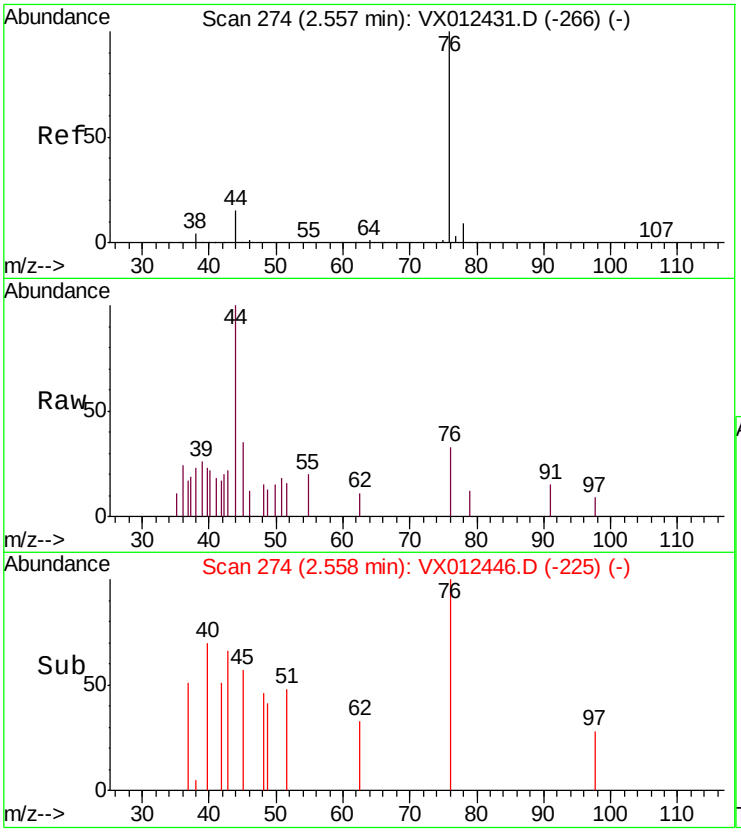


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 43 Resp: 5715

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.3	34.9



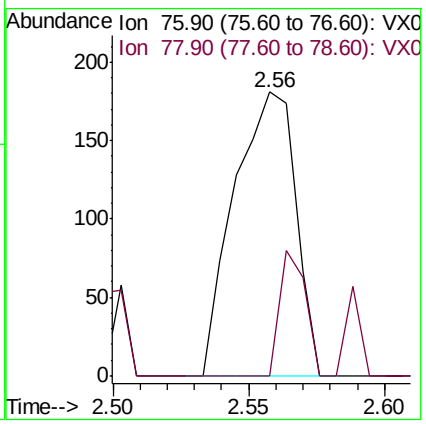


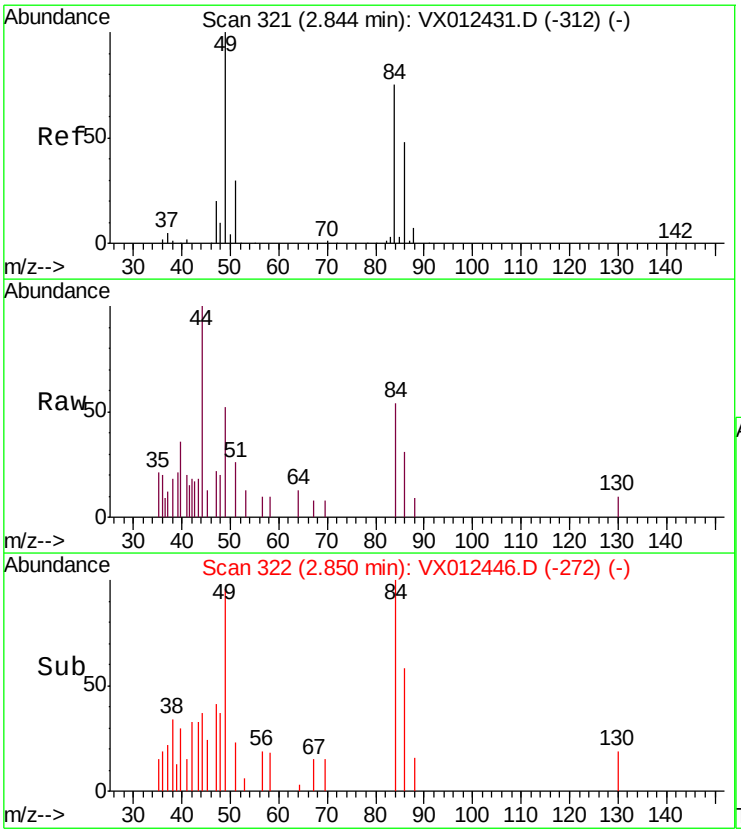
#17
Carbon Disulfide
Concen: 2.002 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 76 Resp: 283

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

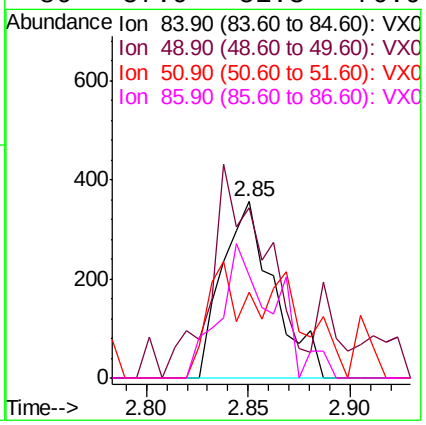


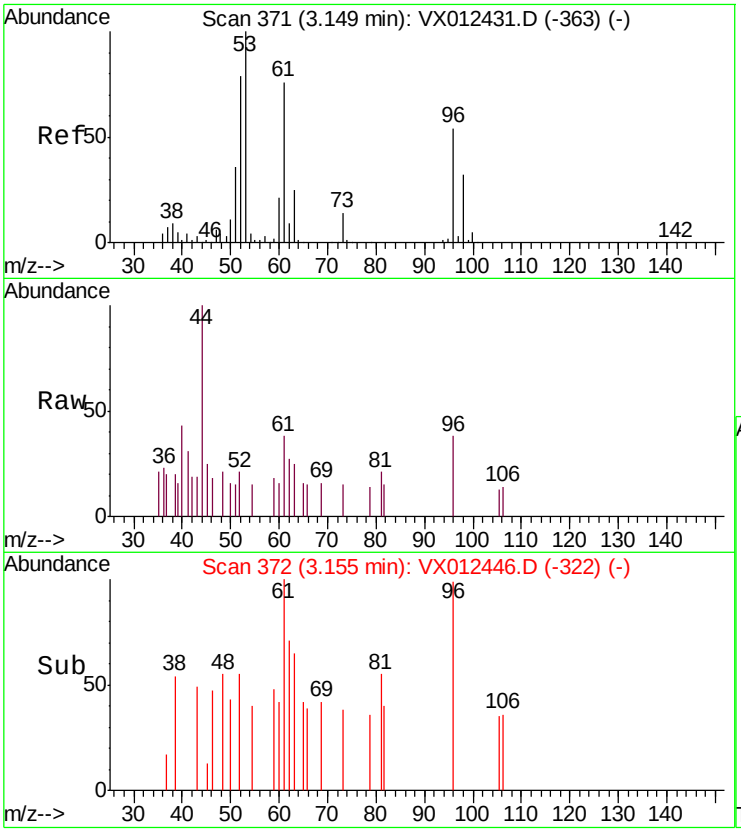


#20
Methylene Chloride
Concen: 0.462 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 84 Resp: 630

Ion	Ratio	Lower	Upper
84	100		
49	73.9	106.8	160.2#
51	48.6	32.3	48.5#
86	57.9	51.3	76.9



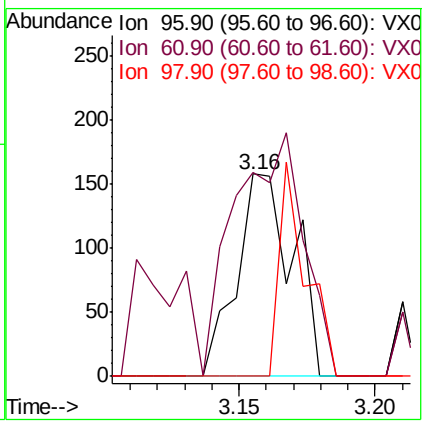


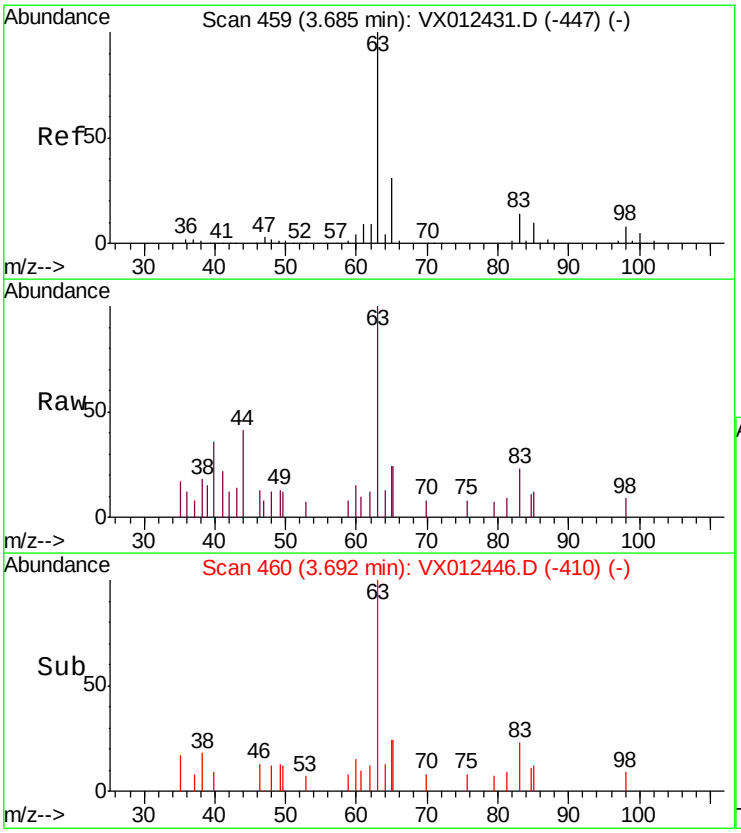
#21
trans-1,2-Dichloroethene
Concen: 0.221 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 96 Resp: 227

Ion	Ratio	Lower	Upper
96	100		
61	100.6	112.0	168.0#
98	0.0	47.8	71.8#

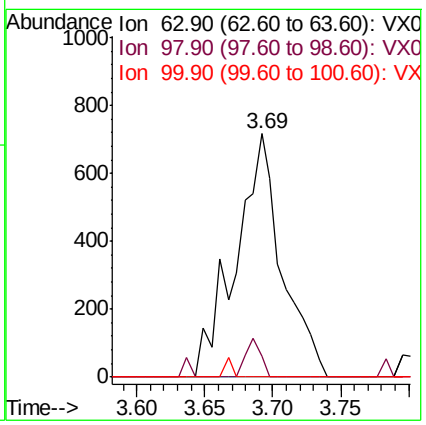


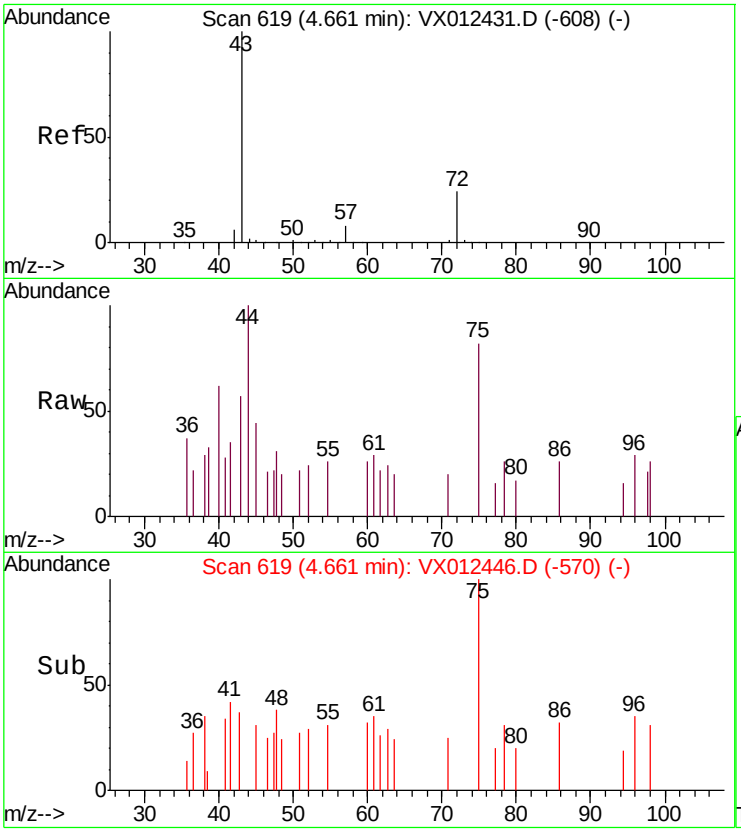


#24
1,1-Dichloroethane
Concen: 0.658 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 63 Resp: 1696

Ion	Ratio	Lower	Upper
63	100		
98	8.5	3.9	11.7
100	0.0	2.3	6.9#



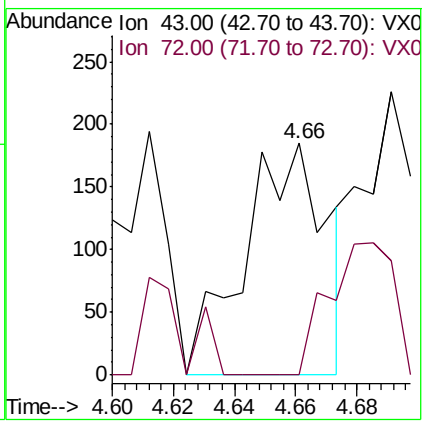


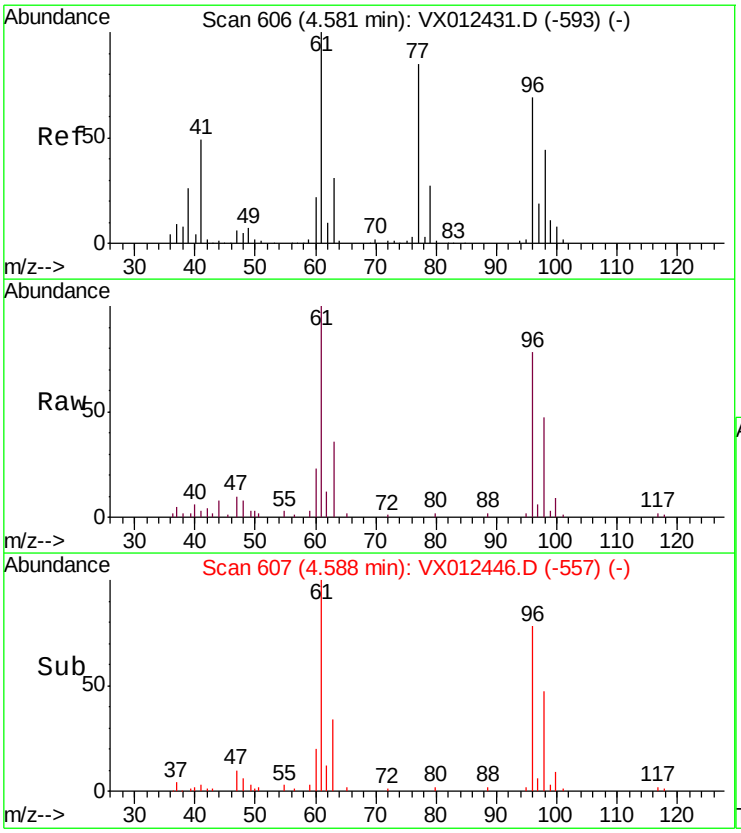
#25
2-Butanone
Concen: 0.221 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 43 Resp: 345

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

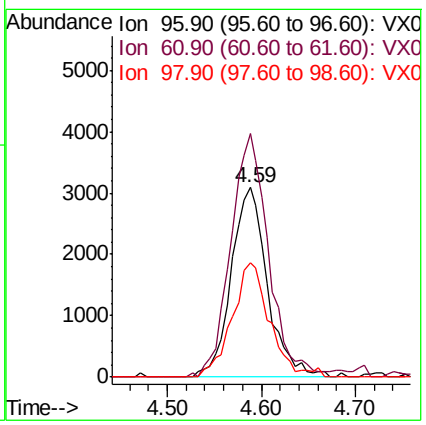


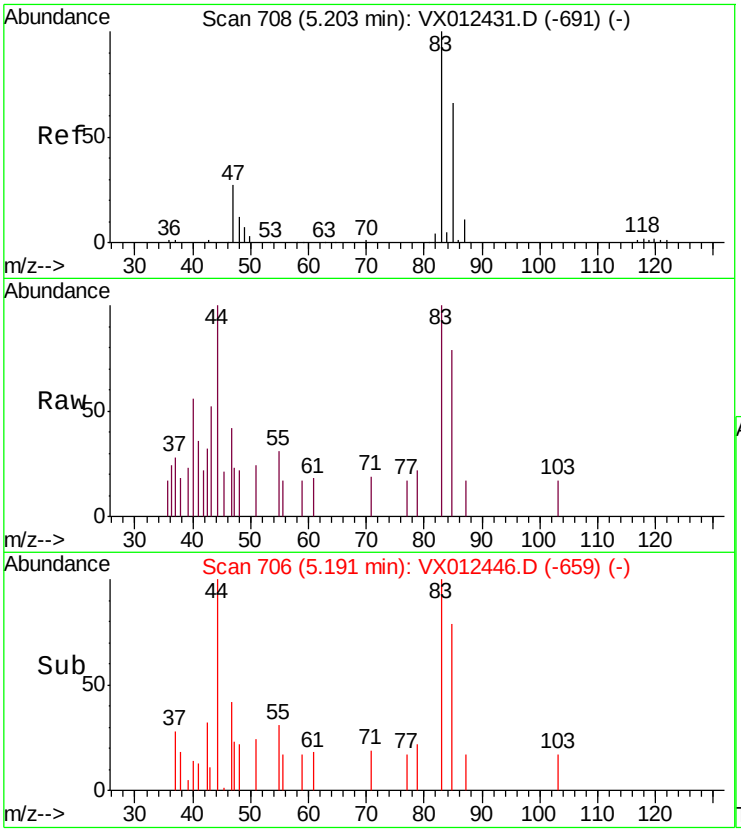


#27
cis-1,2-Dichloroethene
Concen: 5.408 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 96 Resp: 8288

Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	319.4
98	61.0	0.0	130.6



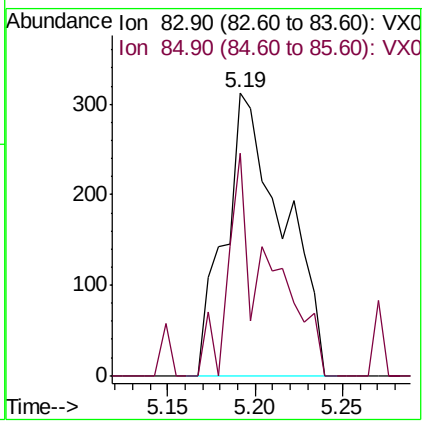


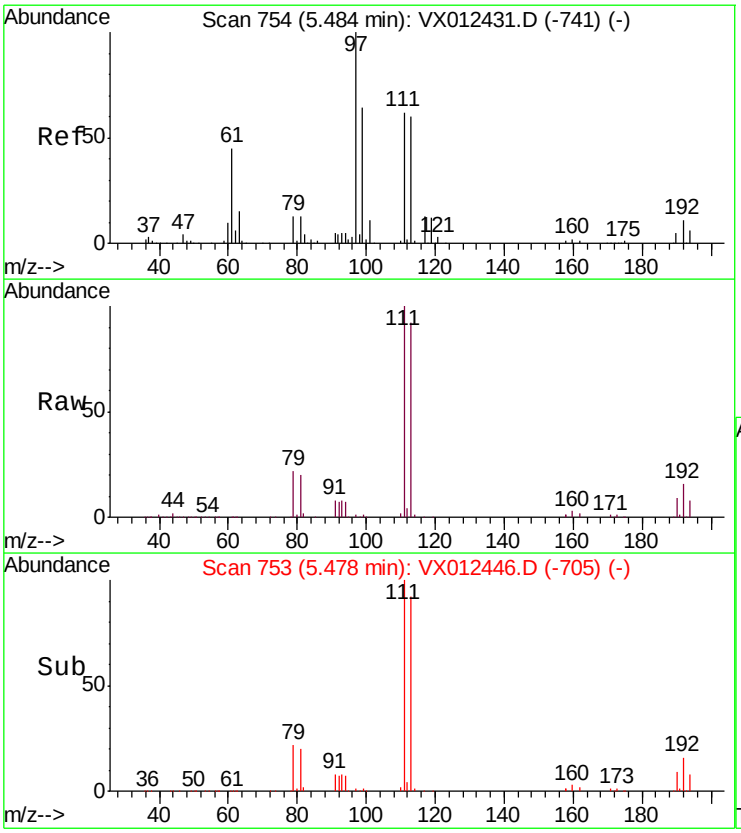
#30
Chloroform
Concen: 0.245 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 83 Resp: 726

Ion	Ratio	Lower	Upper
83	100		
85	78.6	53.0	79.4

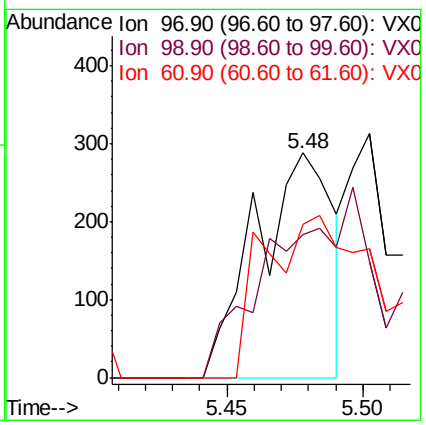


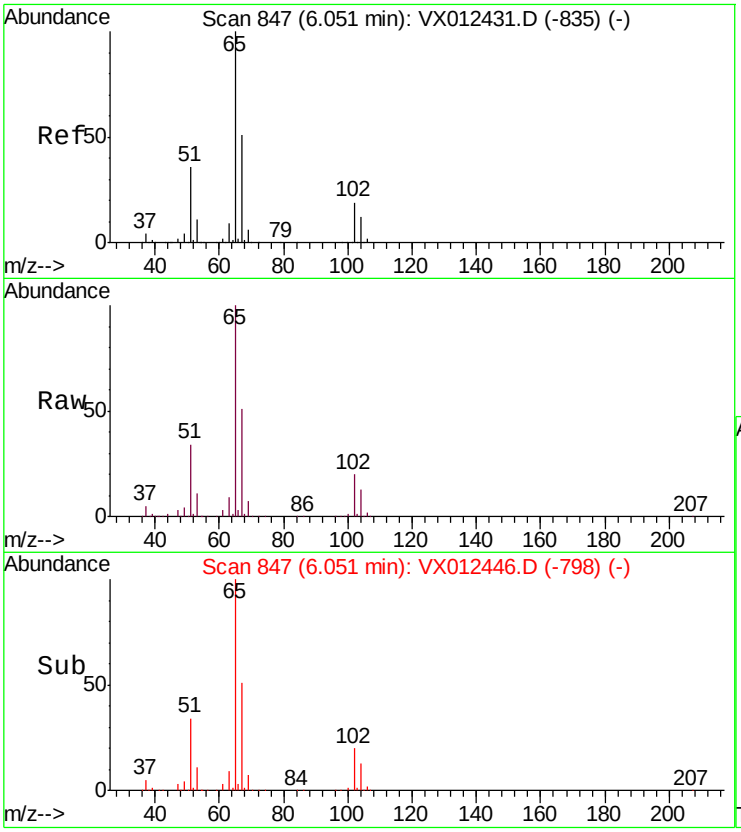


#32
1,1,1-Trichloroethane
Concen: 0.228 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 97 Resp: 564

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	104.6	36.1	54.1#



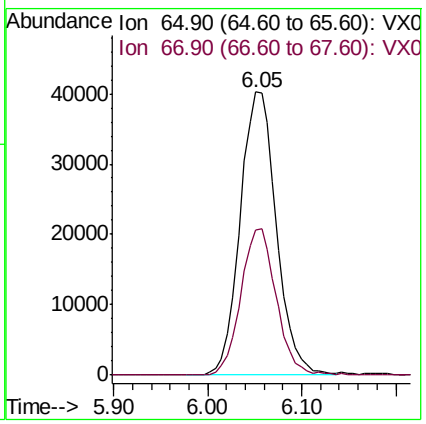


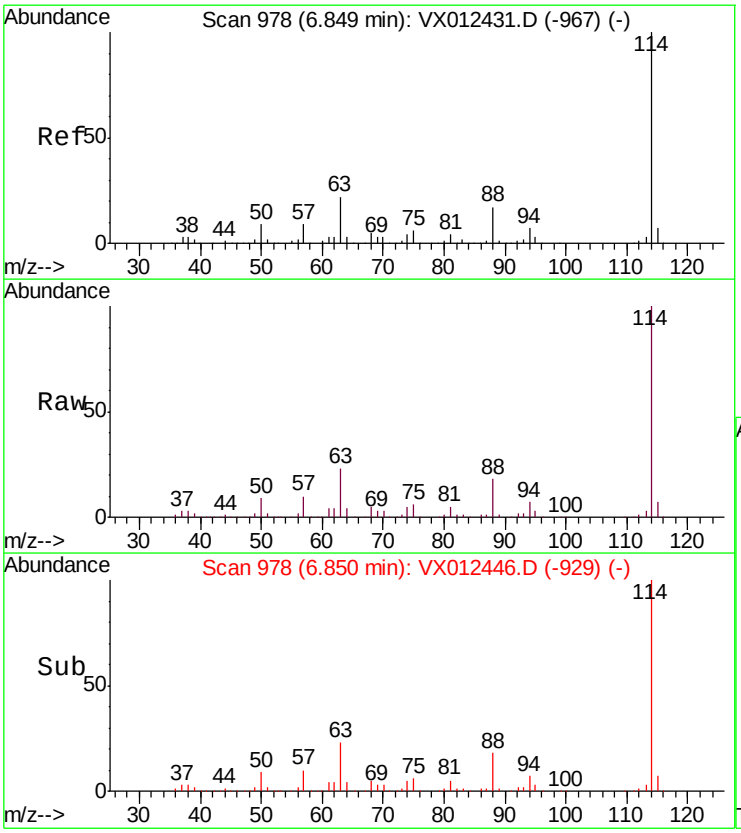
#33
1,2-Dichloroethane-d4
Concen: 48.176 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 65 Resp: 108500

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.2

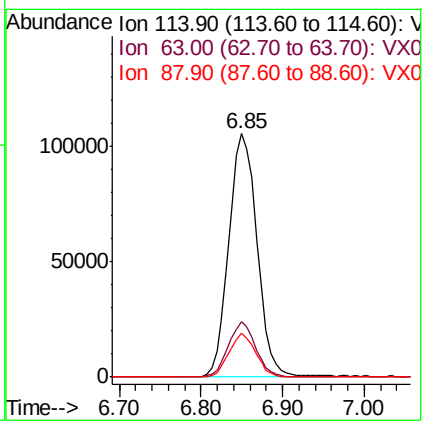


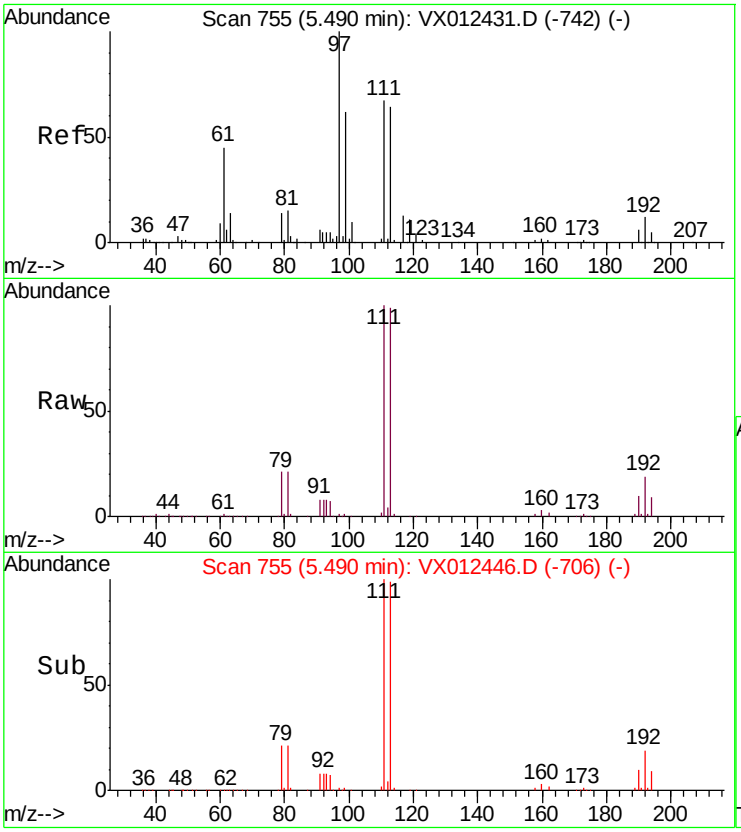


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion:114 Resp: 251892

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	18.1	0.0	33.2



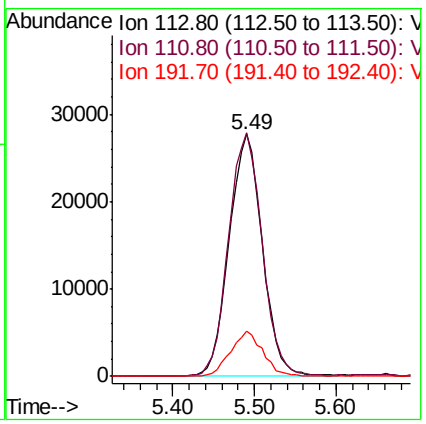


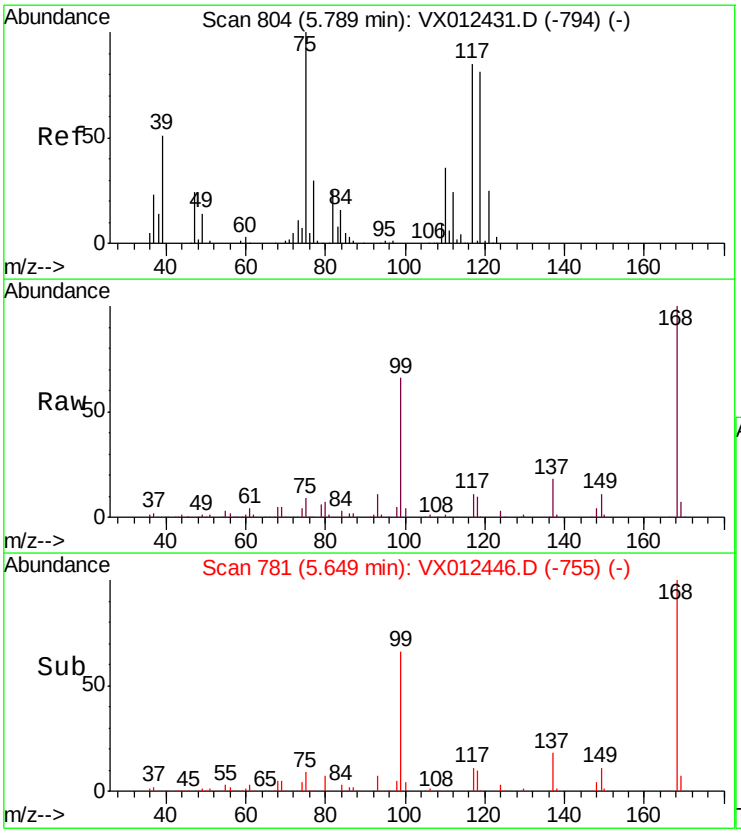
#35
Dibromofluoromethane
Concen: 51.178 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion:113 Resp: 78026

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.2
192	18.1	14.4	21.6

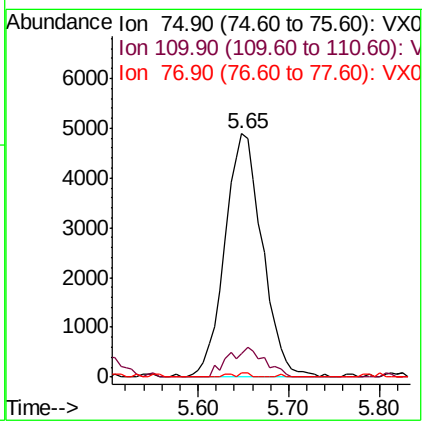


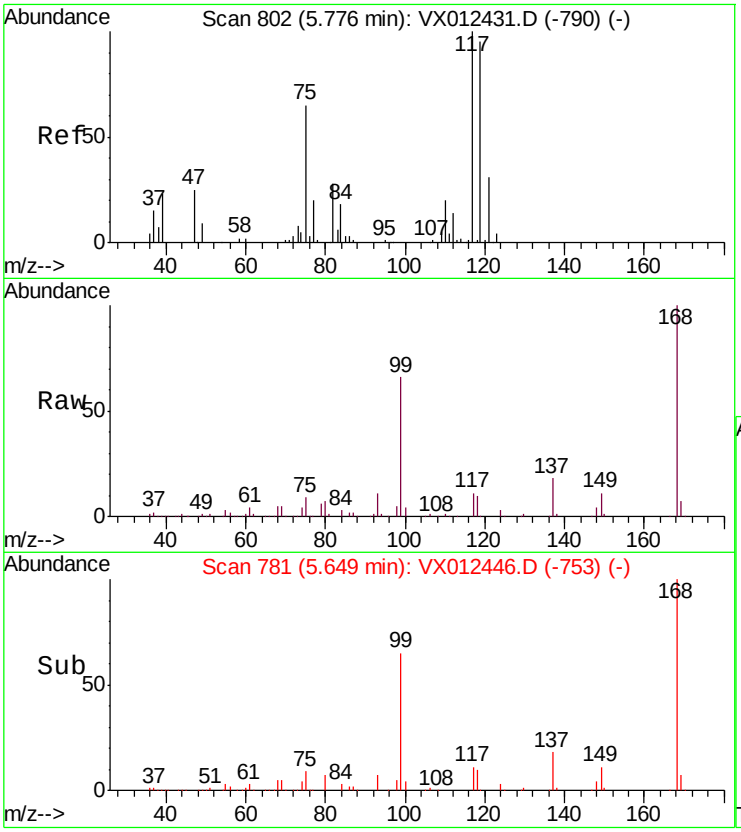


#36
1,1-Dichloropropene
Concen: 9.161 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 75 Resp: 14024

Ion	Ratio	Lower	Upper
75	100		
110	11.9	16.7	50.0#
77	0.4	24.2	36.2#



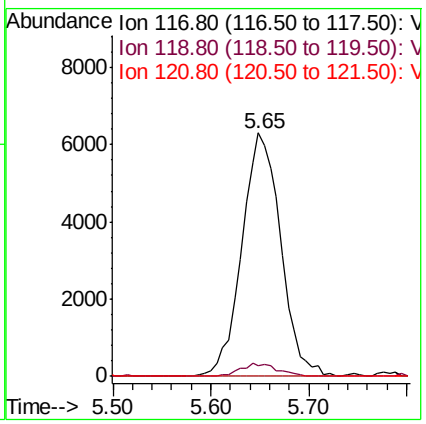


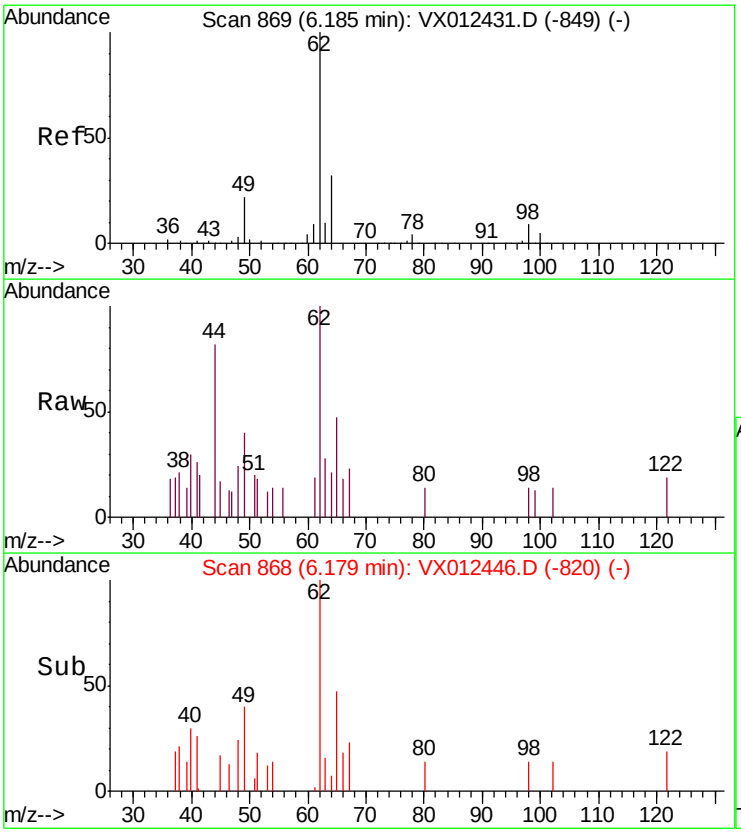
#38
Carbon Tetrachloride
Concen: 9.111 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion:117 Resp: 17347

Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.7	113.5#
121	0.0	24.2	36.4#

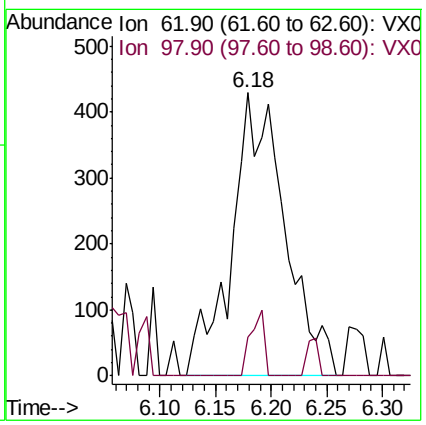


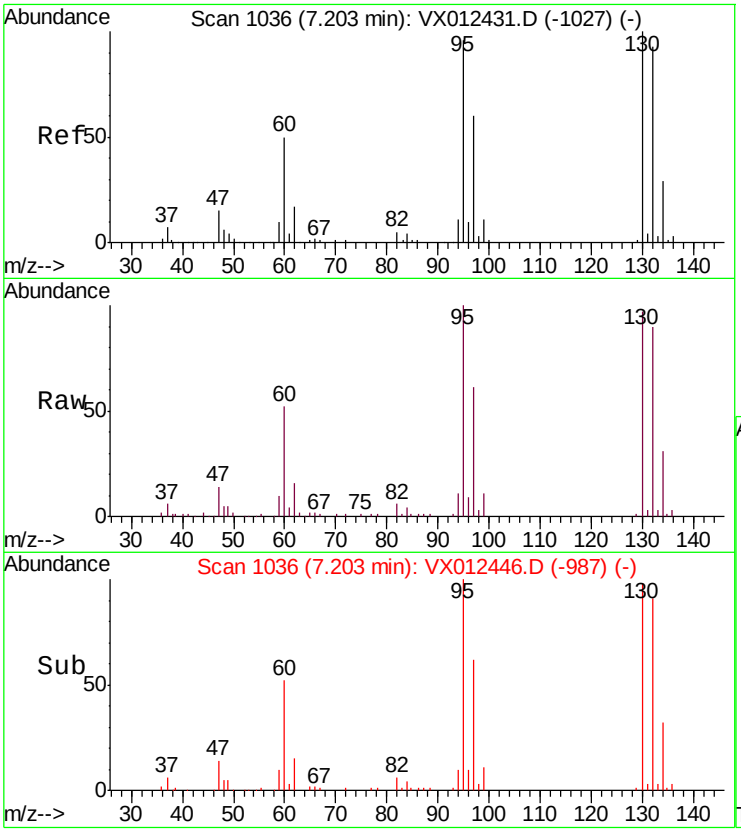


#42
1,2-Dichloroethane
Concen: 0.637 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 62 Resp: 1438

Ion	Ratio	Lower	Upper
62	100		
98	5.8	0.0	17.8



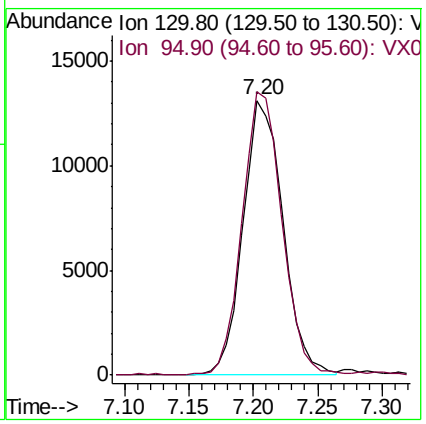


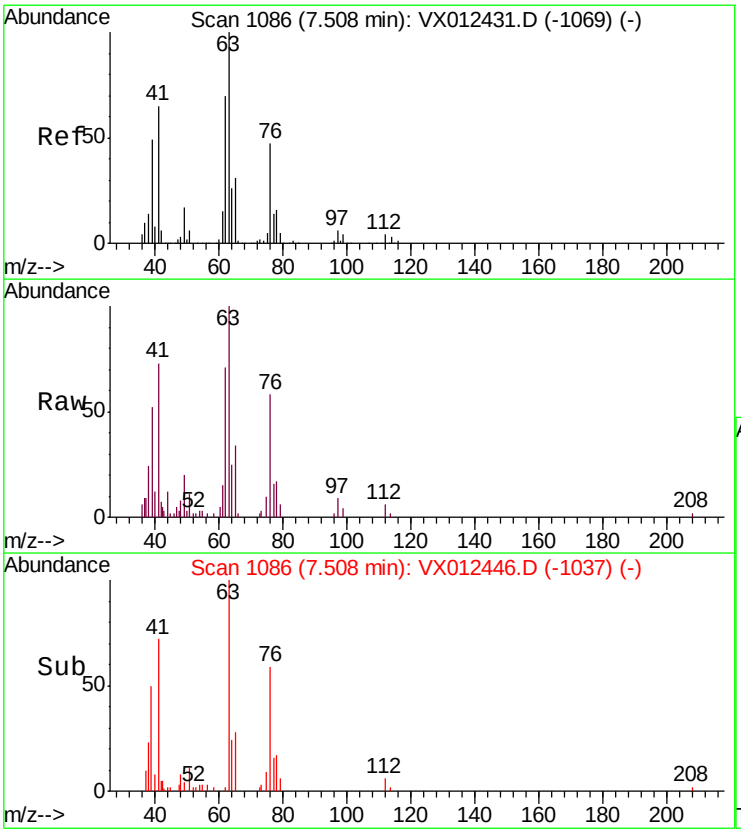
#44
Trichloroethene
Concen: 21.994 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion:130 Resp: 28165

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	193.0

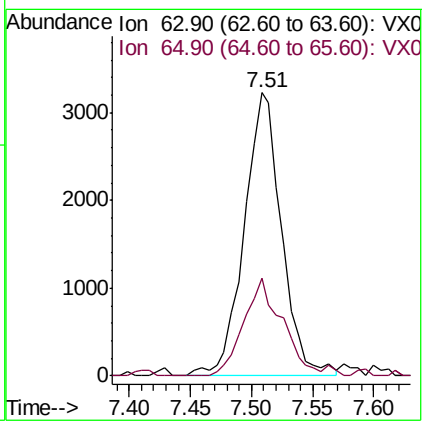


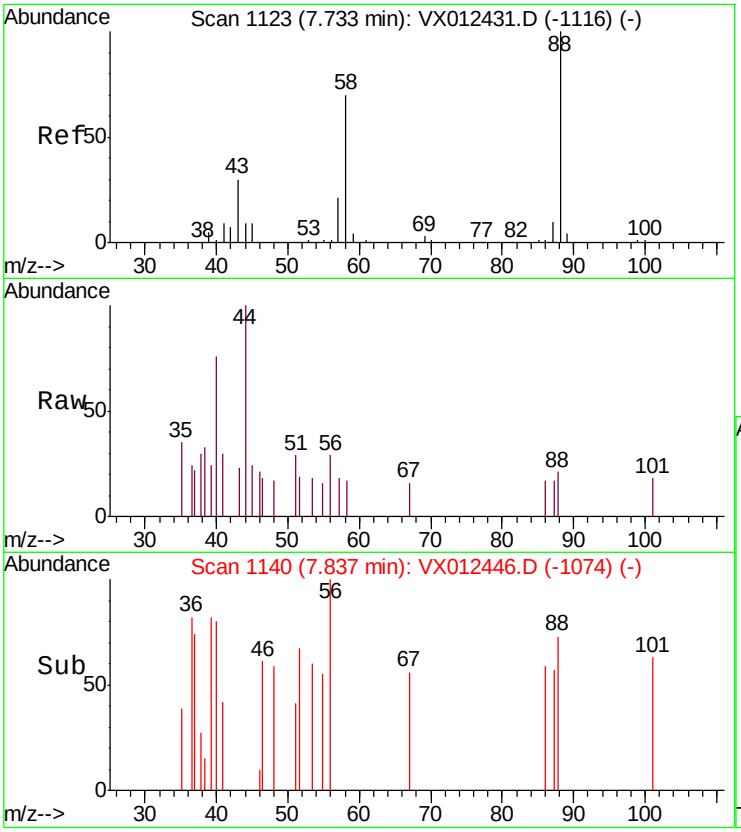


#45
1,2-Dichloropropane
Concen: 4.596 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 63 Resp: 6874

Ion	Ratio	Lower	Upper
63	100		
65	34.4	25.0	37.6



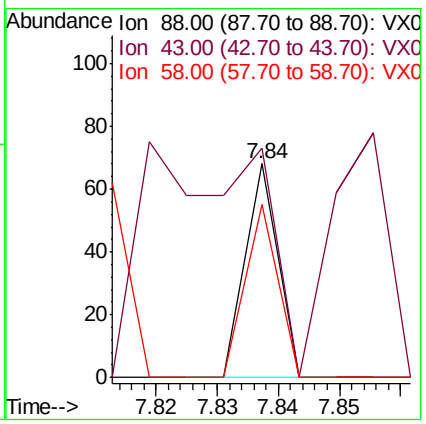


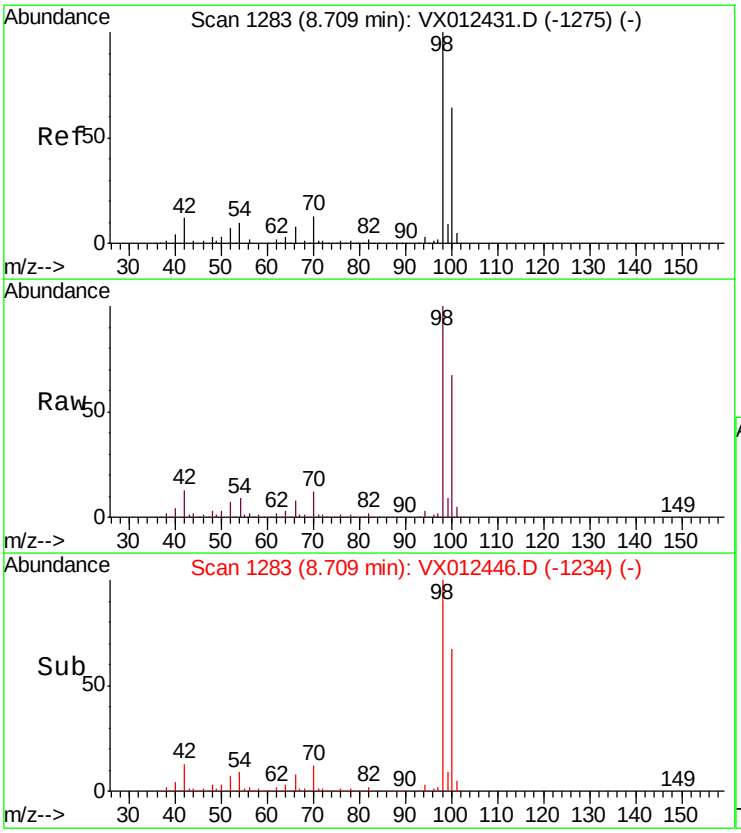
#49
1,4-Dioxane
Concen: 0.517 ug/l
RT: 7.84 min Scan# 1140
Delta R.T. 0.10 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	200.0	29.4	44.0#
58	80.0	57.5	86.3

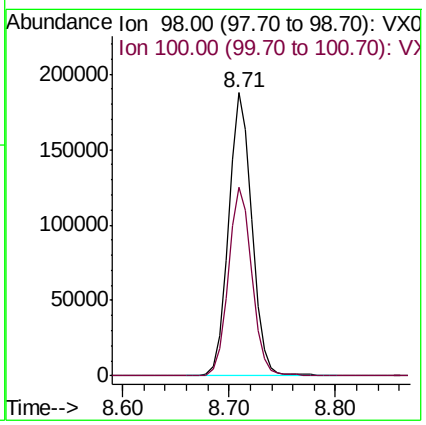


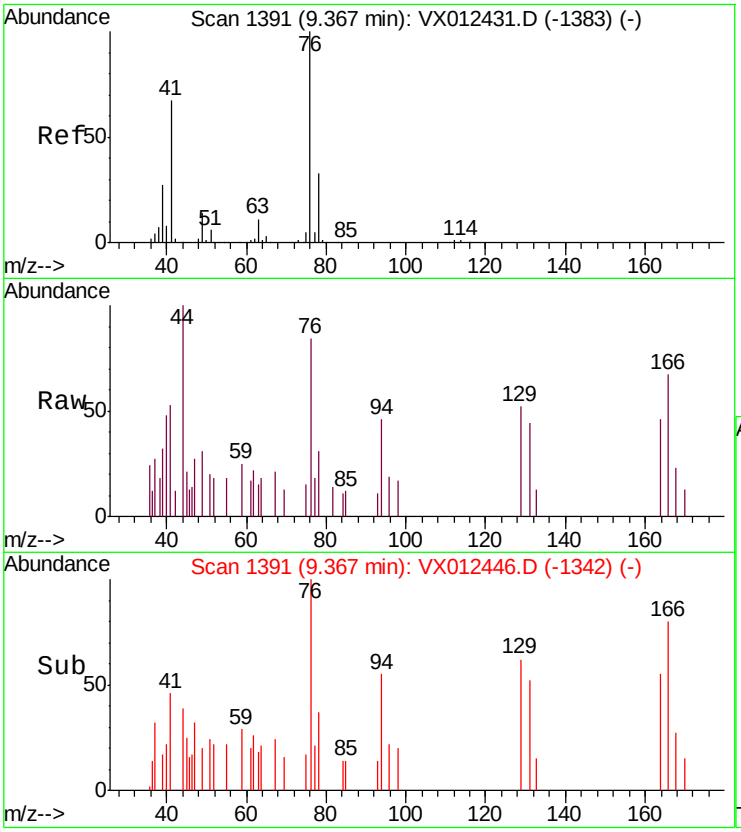


#50
Toluene-d8
Concen: 51.151 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 98 Resp: 288654

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2



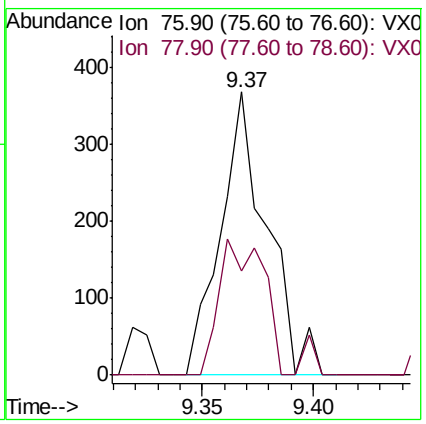


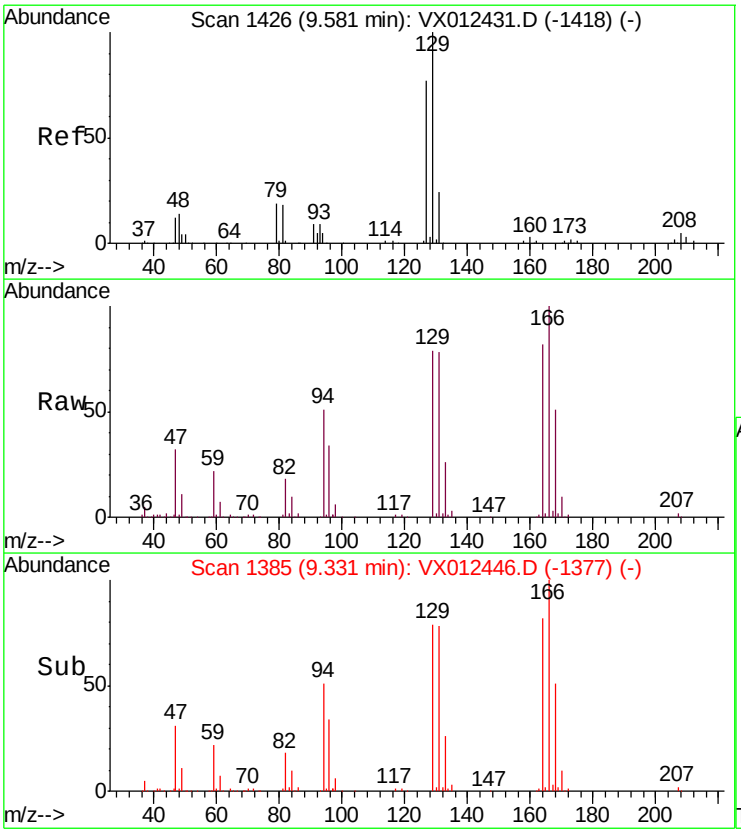
#57
1,3-Dichloropropane
Concen: 0.207 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 76 Resp: 534

Ion	Ratio	Lower	Upper
76	100		
78	45.7	26.2	39.2#

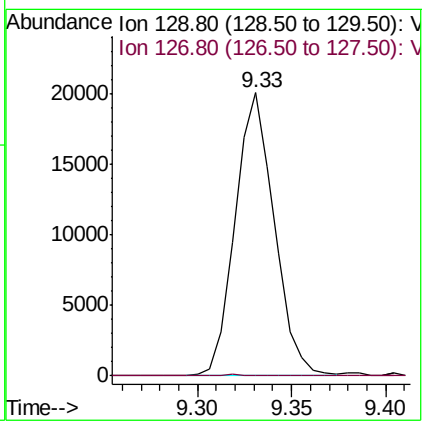


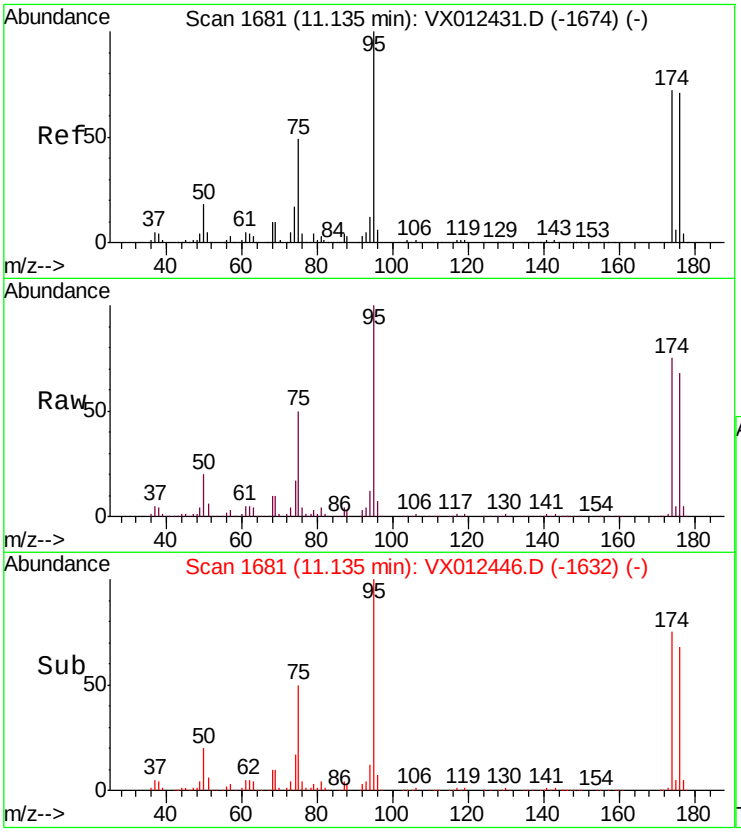


#60
Dibromochloromethane
Concen: 17.507 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion:129 Resp: 28820

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.9	116.6#



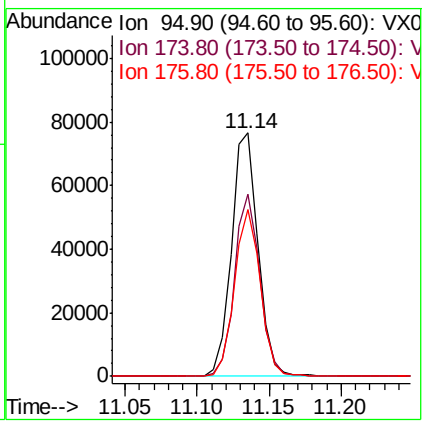


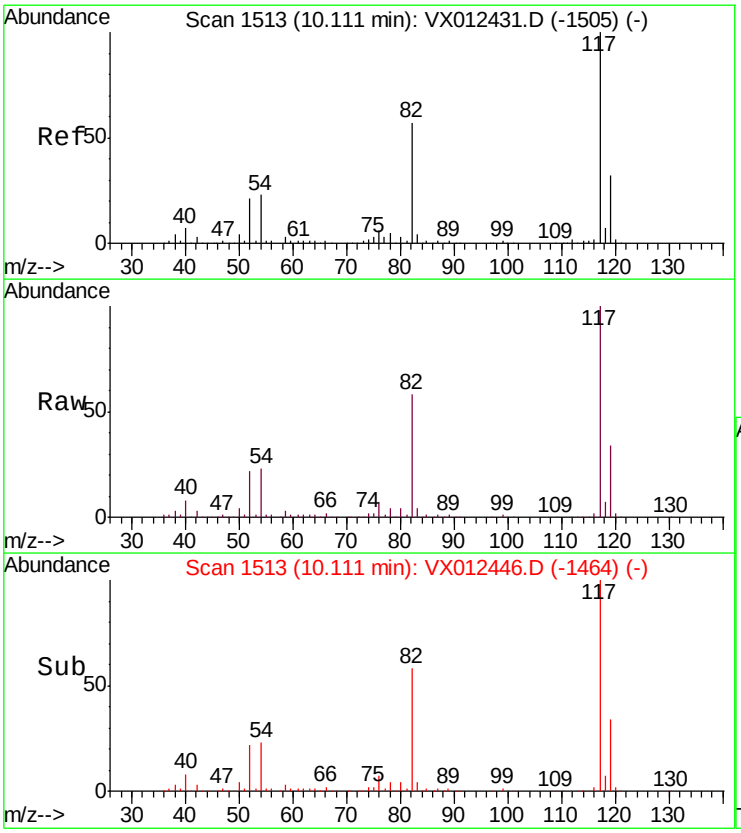
#62
4-Bromofluorobenzene
Concen: 42.252 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 95 Resp: 99002

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	140.0
176	66.4	0.0	135.4

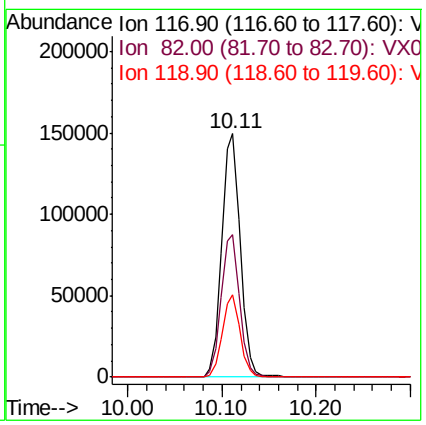


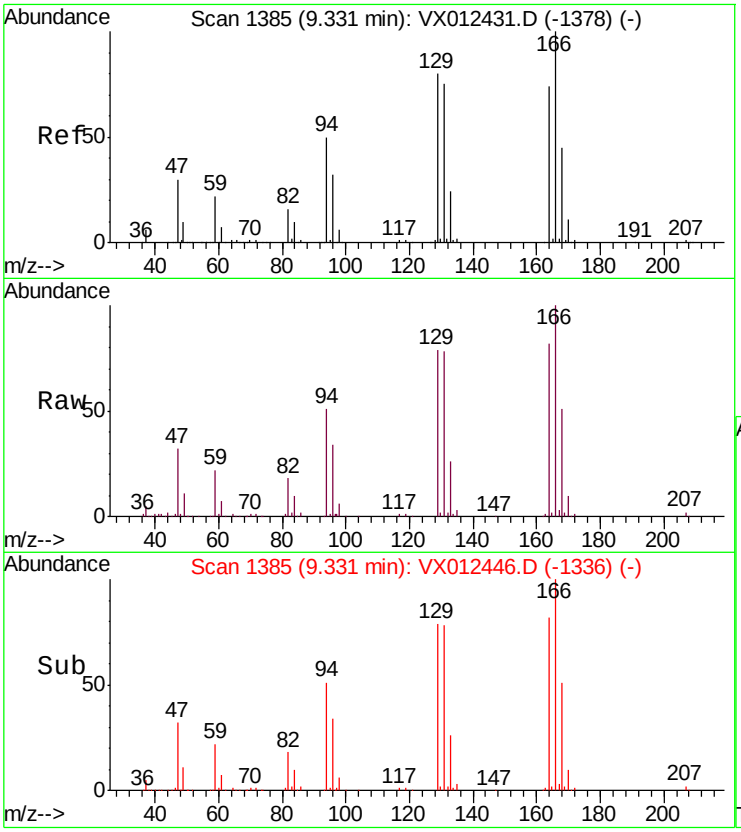


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion:117 Resp: 203866

Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.9	68.9
119	33.8	25.3	37.9



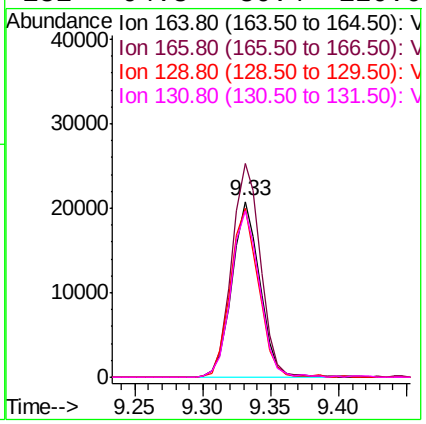


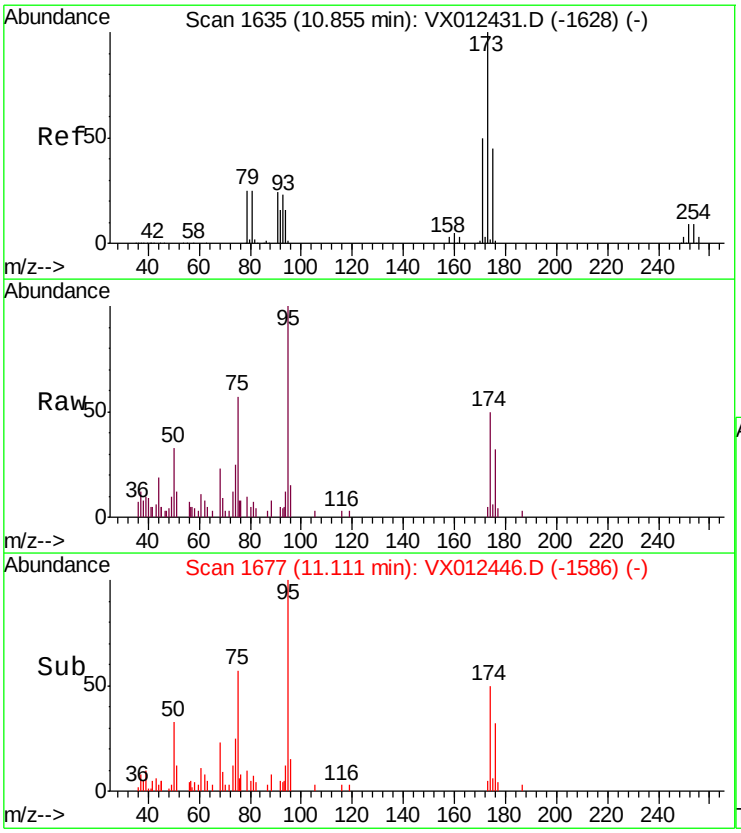
#64
Tetrachloroethene
Concen: 31.744 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion:164 Resp: 29655

Ion	Ratio	Lower	Upper
164	100		
166	121.4	107.8	161.6
129	96.2	86.2	129.2
131	94.8	80.4	120.6

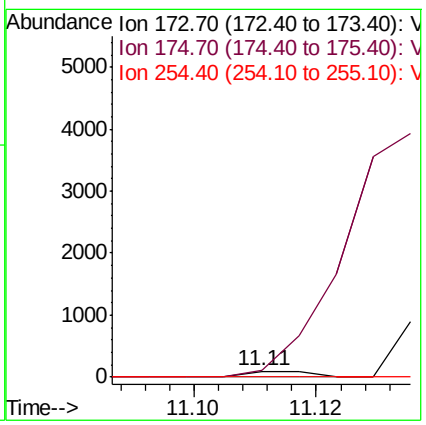


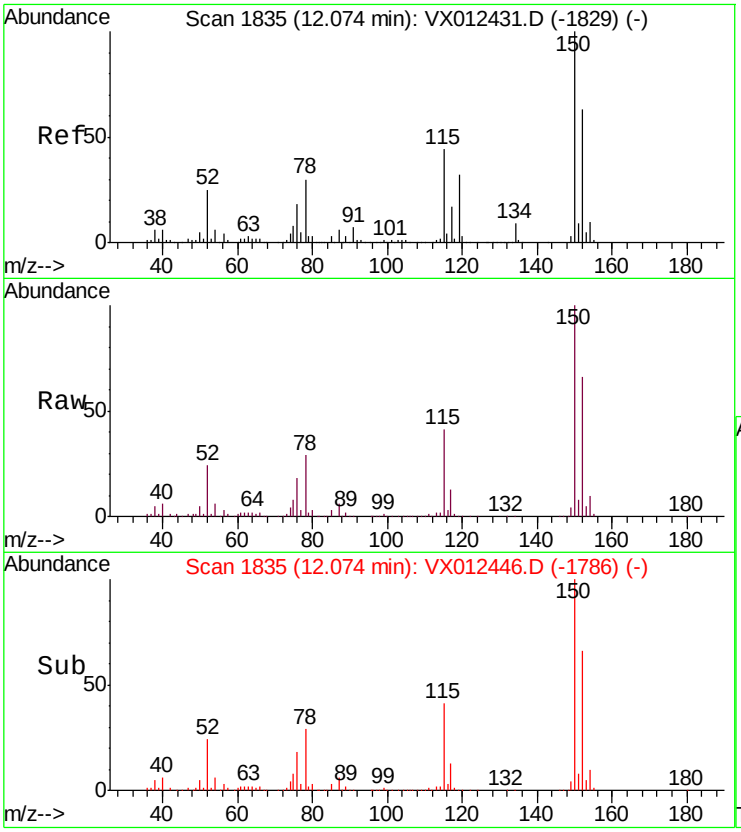


#71
Bromoform
Concen: 2.921 ug/l
RT: 11.11 min Scan# 1677
Delta R.T. 0.26 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion:173 Resp: 65

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.7	71.1#
254	0.0	0.1	0.1#



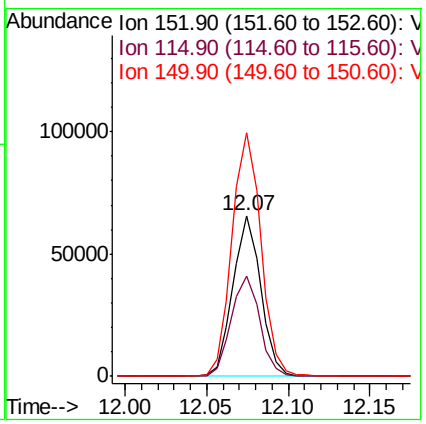


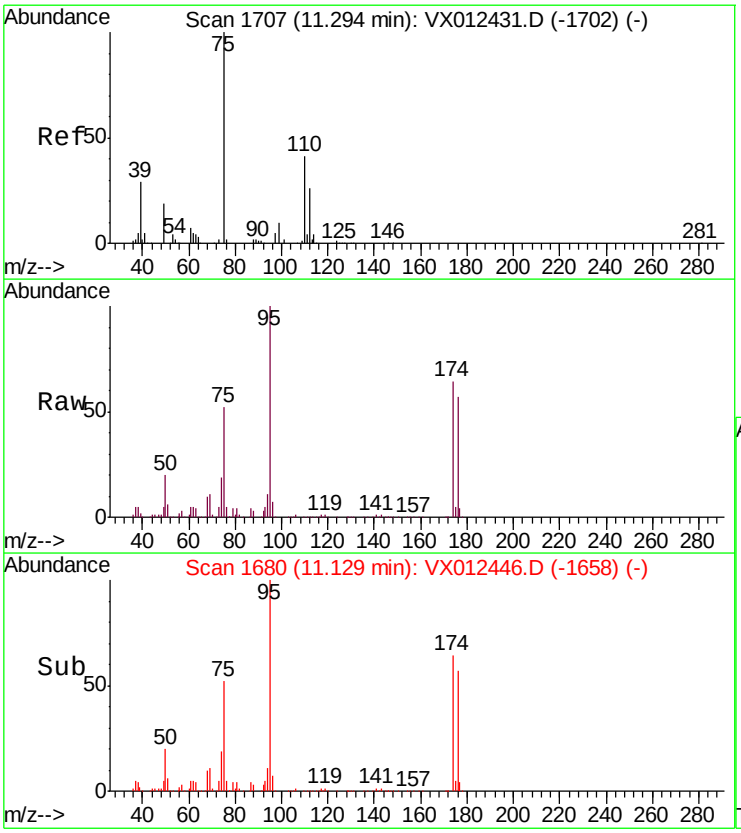
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion:152 Resp: 78457

Ion	Ratio	Lower	Upper
152	100		
115	63.7	44.1	132.3
150	157.1	0.0	343.8

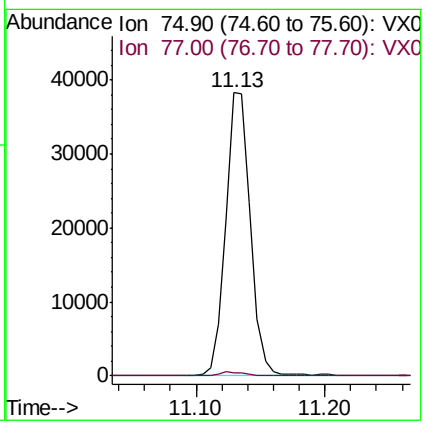


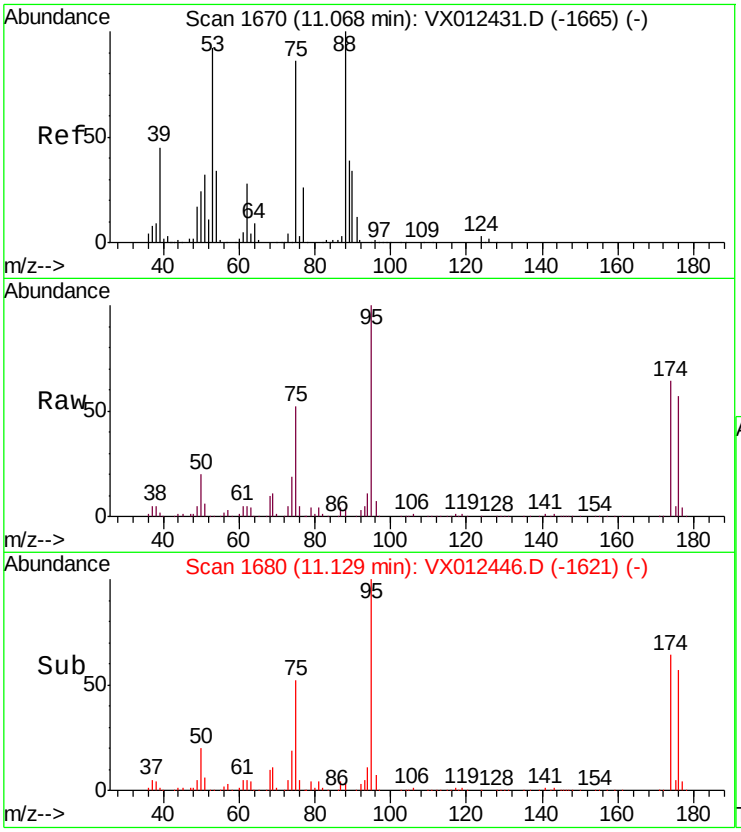


#76
1,2,3-Trichloropropane
Concen: 28.731 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Tgt Ion: 75 Resp: 51780

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.090 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012446.D
Acq: 17 Sep 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20190910

Tgt Ion: 75 Resp: 51780

Ion	Ratio	Lower	Upper
75	100		
53	0.3	83.6	125.4#
89	0.0	36.3	54.5#