Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012512.D
Acq On : 19 Sep 2019 06:57
Operator : JC/SP
Sample : K4858-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE135D2-20190910

Quant Time: Sep 19 08:43:33 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	194847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130212	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.26%			
35) Dibromofluoromethane	5.49	113	91388	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.12%			
50) Toluene-d8	8.71	98	356270	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.28%			
62) 4-Bromofluorobenzene	11.14	95	127432	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.16	85	24	0.409	ug/l #	43
3) Chloromethane	1.32	50	479	0.447	ug/l #	56
5) Bromomethane	1.62	94	479	1.053	ug/l #	41
6) Chloroethane	1.73	64	255	0.281	ug/l #	46
10) Methyl Iodide	2.50	142	92	4.506	ug/l #	35
11) Tert butyl alcohol	3.03	59	1889	Below Cal	#	92
12) 1,1-Dichloroethene	2.36	96	250	0.204	ug/l #	67
13) Acrolein	2.28	56	191	Below Cal	#	15
16) Acetone	2.43	43	4361	Below Cal	#	84
17) Carbon Disulfide	2.56	76	217	1.927	ug/l #	75
20) Methylene Chloride	2.84	84	508	0.301	ug/l #	78
24) 1,1-Dichloroethane	3.69	63	2030	0.635	ug/l #	81
25) 2-Butanone	4.69	43	485	0.250	ug/l #	51
31) Cyclohexane	5.64	56	4998	2.591	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	16271	8.610	ug/l #	53
38) Carbon Tetrachloride	5.65	117	21760	9.258	ug/l #	17
44) Trichloroethene	7.22	130	562	0.356	ug/l	97
45) 1,2-Dichloropropane	7.51	63	4817	2.609	ug/l	96
49) 1,4-Dioxane	7.75	88	23	0.385	ug/l #	1
71) Bromoform	11.12	173	68	2.911	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	65097	27.677	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	65097	74.375	ug/l #	8

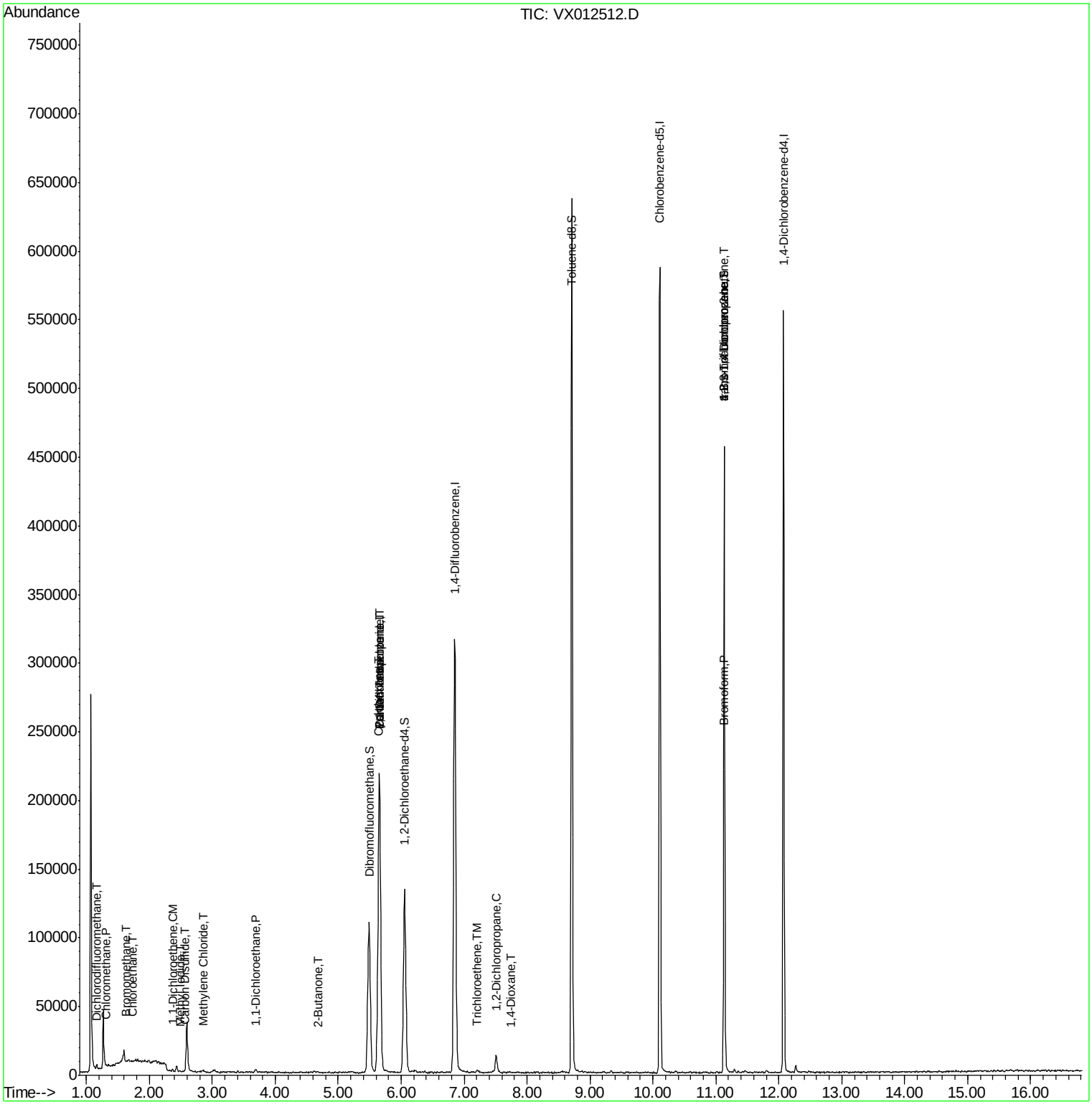
(#) = qualifier out of range (m) = manual integration (+) = signals summed

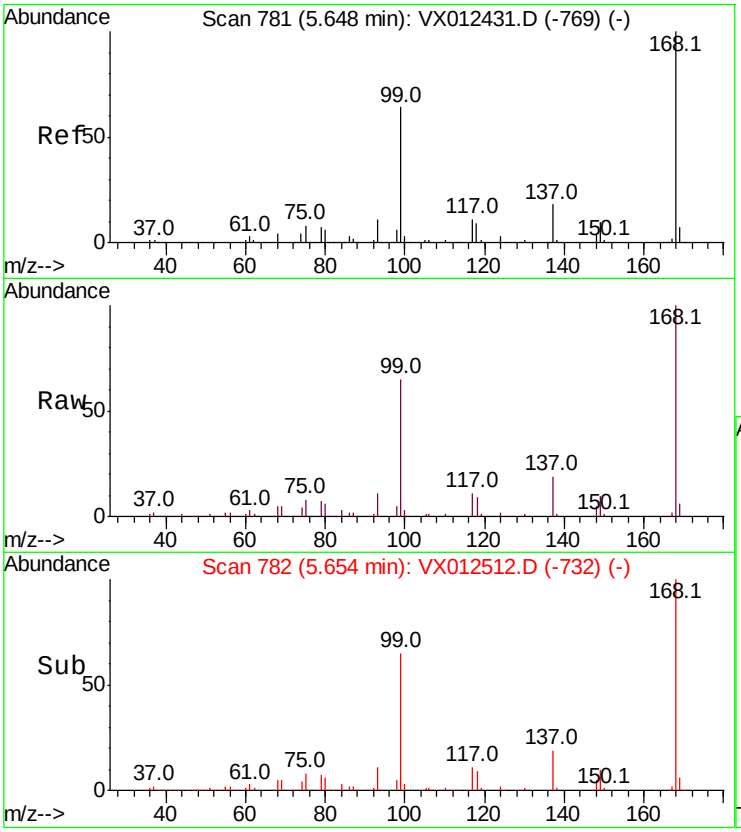
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012512.D
Acq On : 19 Sep 2019 06:57
Operator : JC/SP
Sample : K4858-20
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Quant Time: Sep 19 08:43:33 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



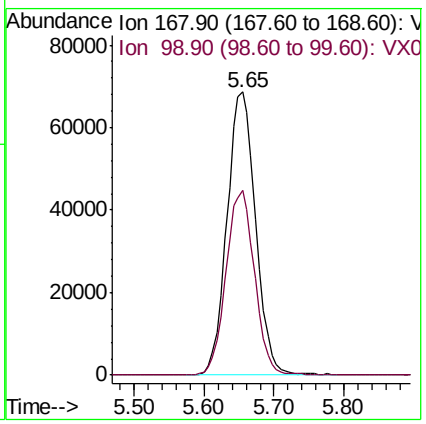


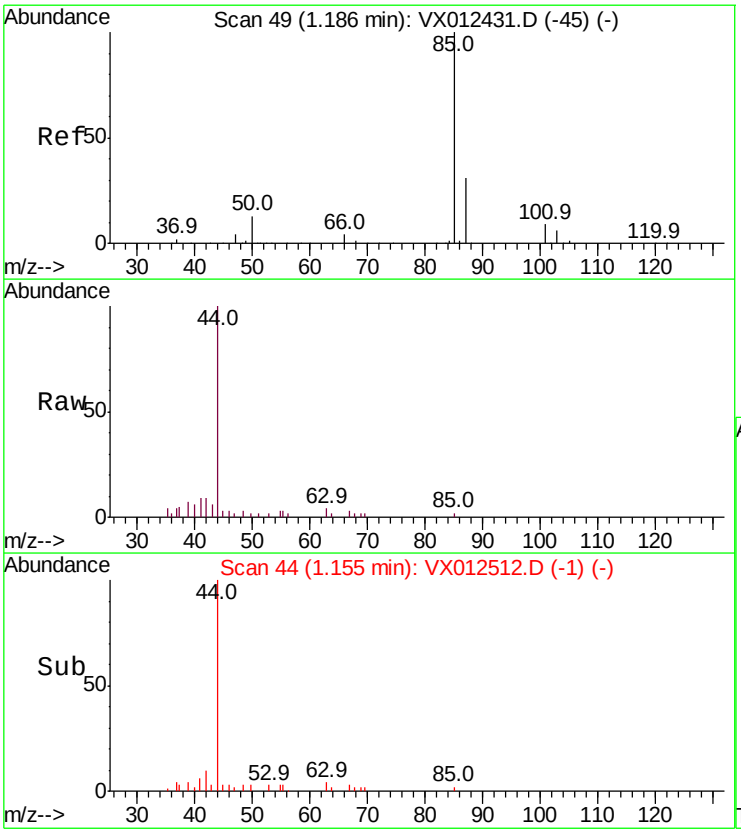
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion:168 Resp: 194847

Ion	Ratio	Lower	Upper
168	100		
99	65.1	51.4	77.2

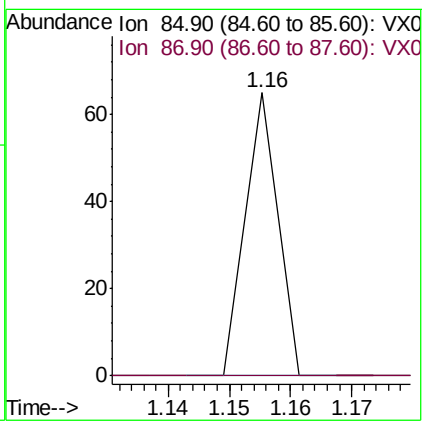


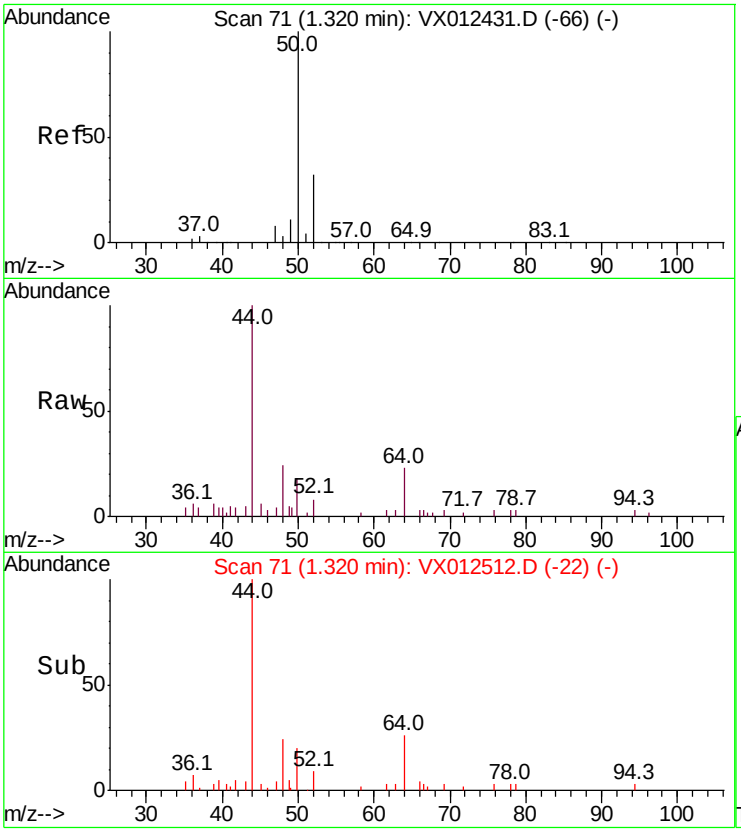


#2
Dichlorodifluoromethane
Concen: 0.409 ug/l
RT: 1.16 min Scan# 44
Delta R.T. -0.03 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 85 Resp: 24

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



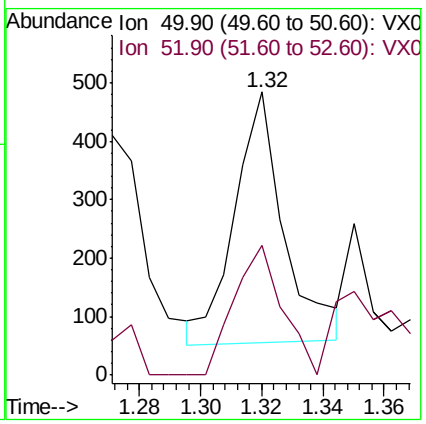


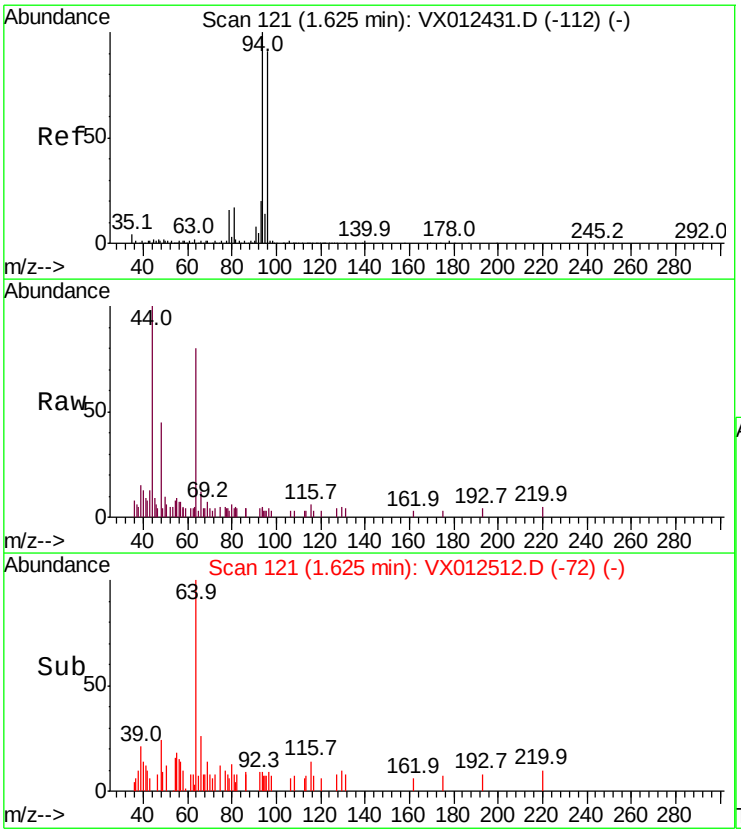
#3
Chloromethane
Concen: 0.447 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 50 Resp: 479

Ion	Ratio	Lower	Upper
50	100		
52	56.8	25.7	38.5#

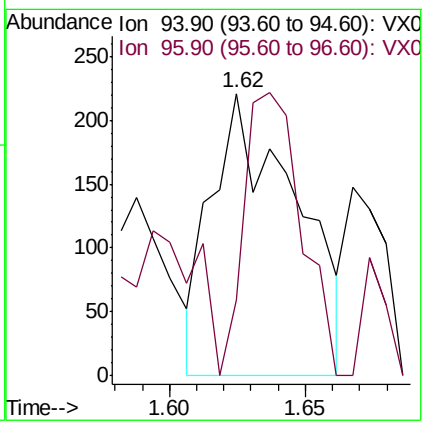


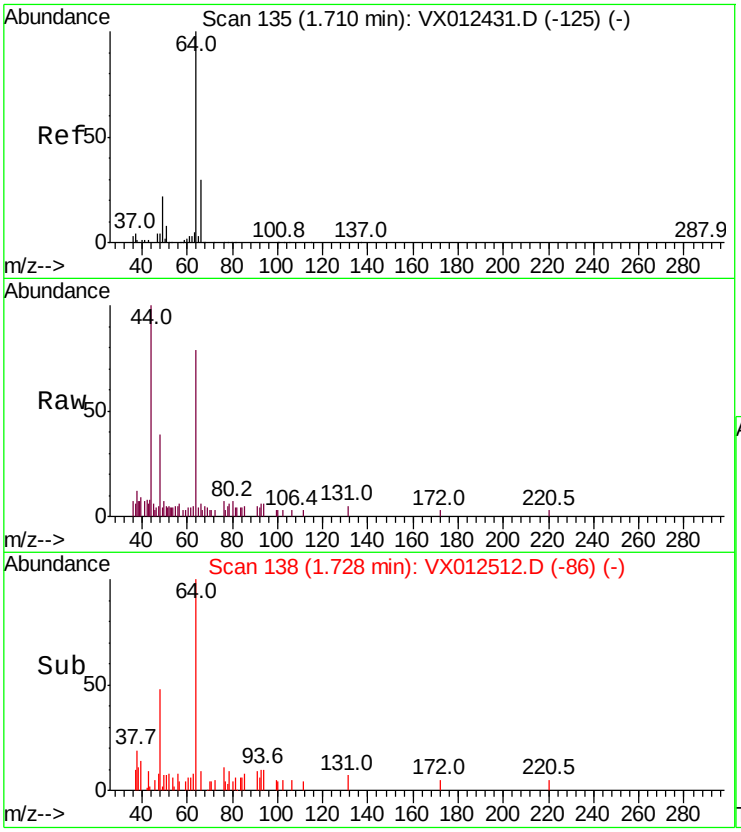


#5
Bromomethane
Concen: 1.053 ug/l
RT: 1.62 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 94 Resp: 479

Ion	Ratio	Lower	Upper
94	100		
96	34.9	72.8	109.2#



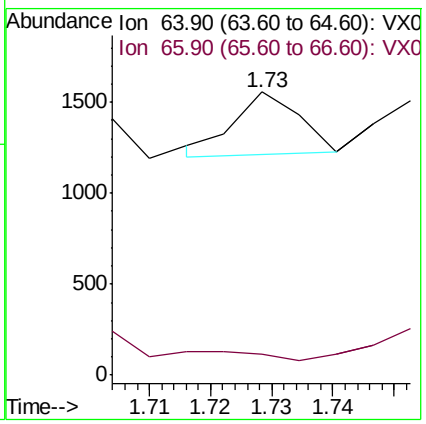


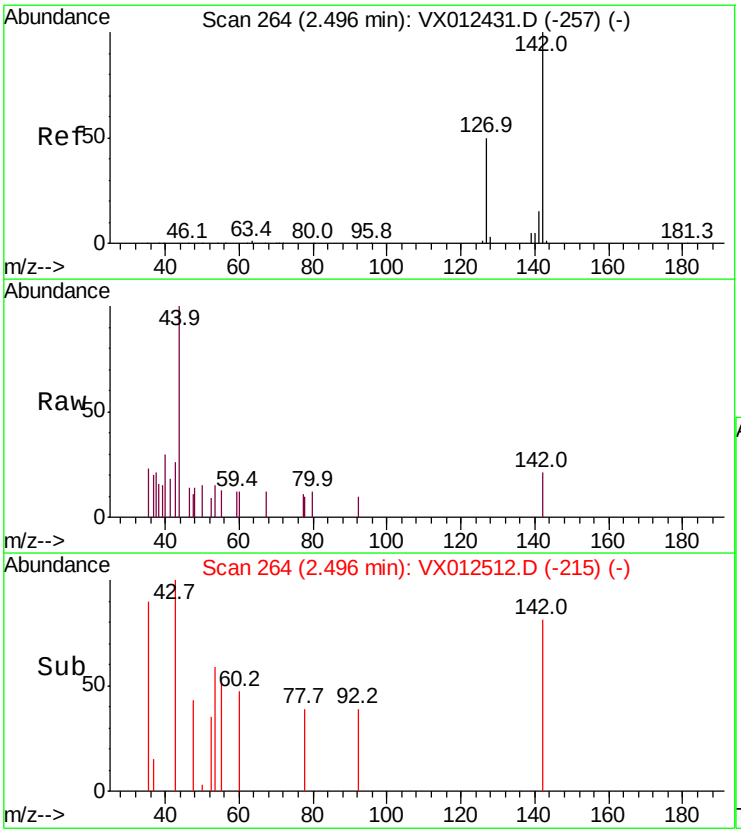
#6
Chloroethane
Concen: 0.281 ug/l
RT: 1.73 min Scan# 138
Delta R.T. 0.02 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 64 Resp: 255

Ion	Ratio	Lower	Upper
64	100		
66	0.6	24.0	36.0#

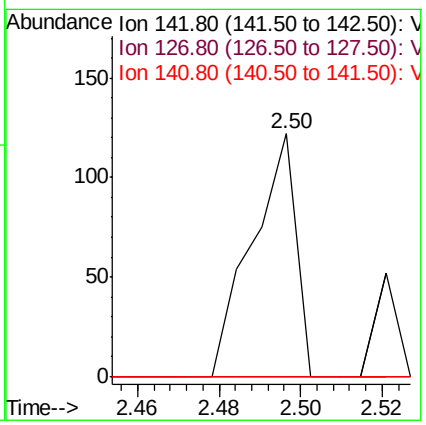


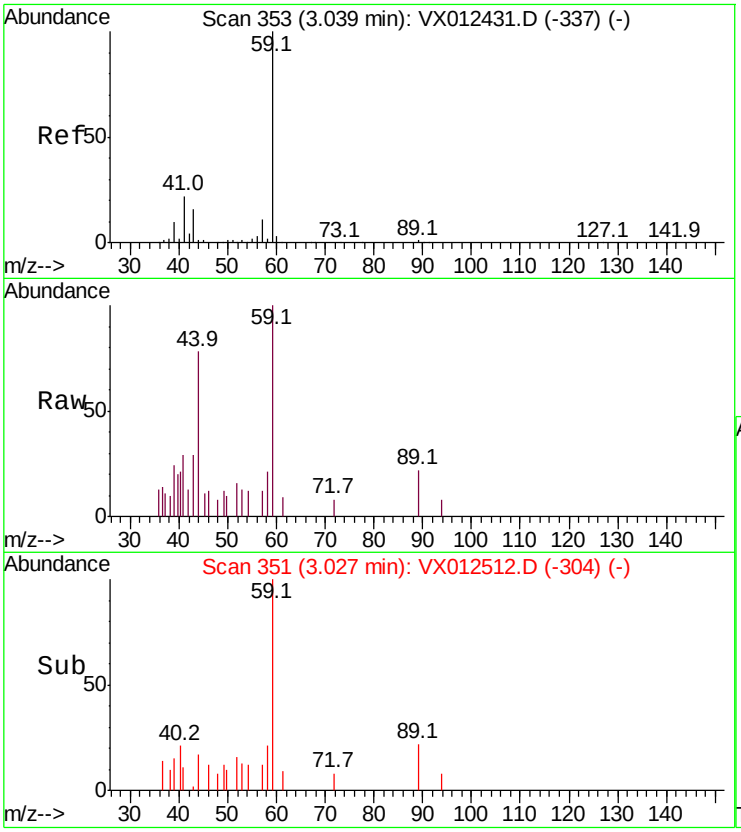


#10
Methyl Iodide
Concen: 4.506 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion:142 Resp: 92

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



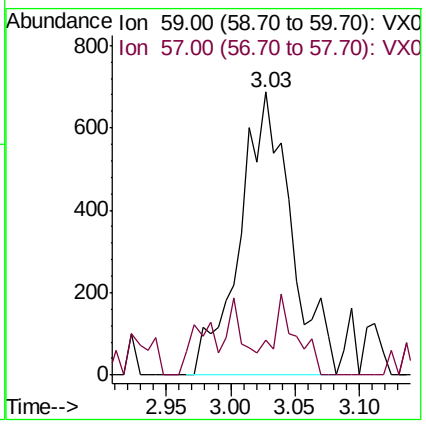


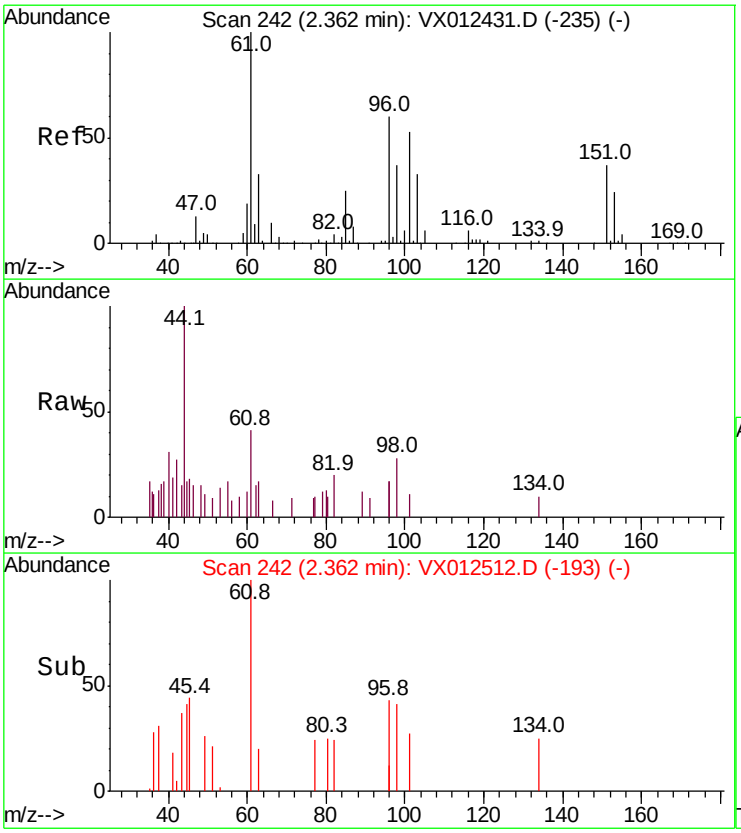
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 59 Resp: 1889

Ion	Ratio	Lower	Upper
59	100		
57	13.4	8.3	12.5#

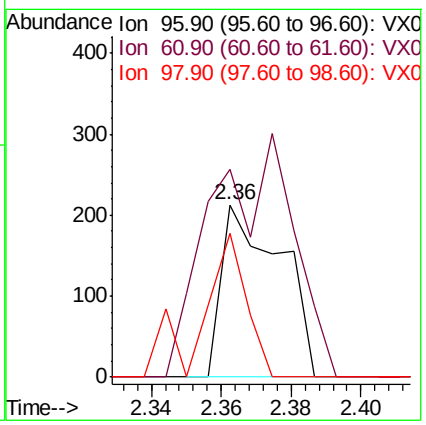


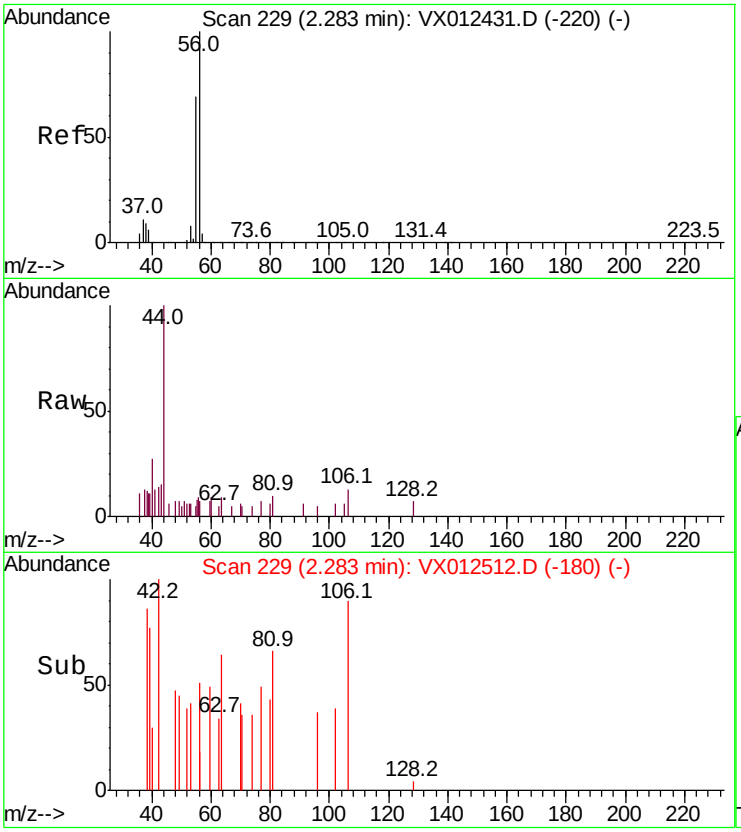


#12
1,1-Dichloroethene
Concen: 0.204 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 96 Resp: 250

Ion	Ratio	Lower	Upper
96	100		
61	120.2	133.8	200.6#
98	83.6	49.9	74.9#



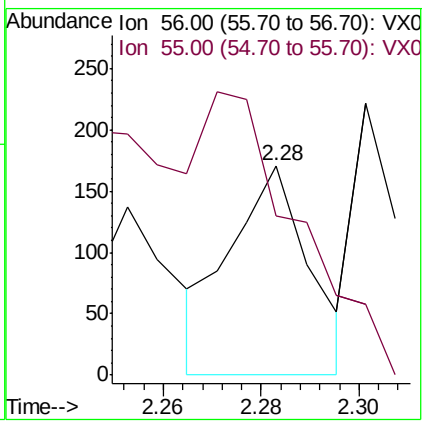


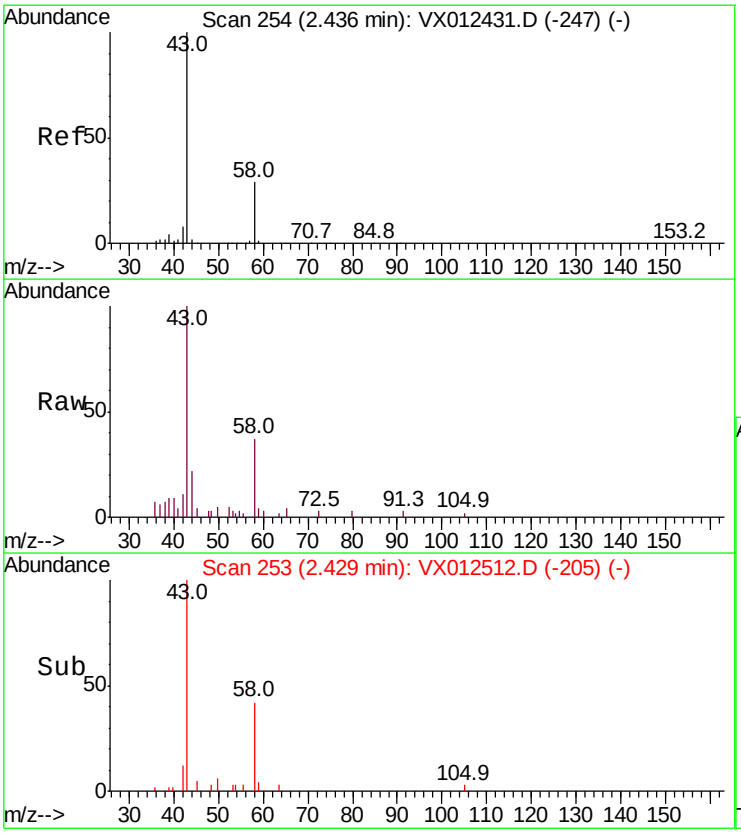
#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 56 Resp: 191

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#

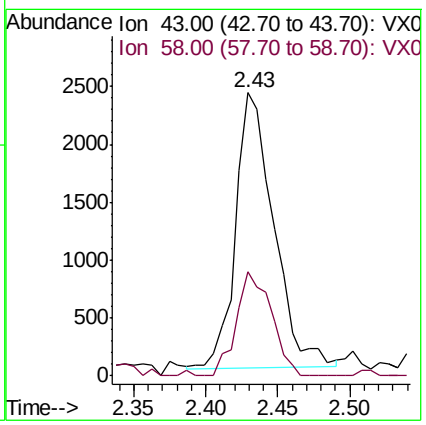


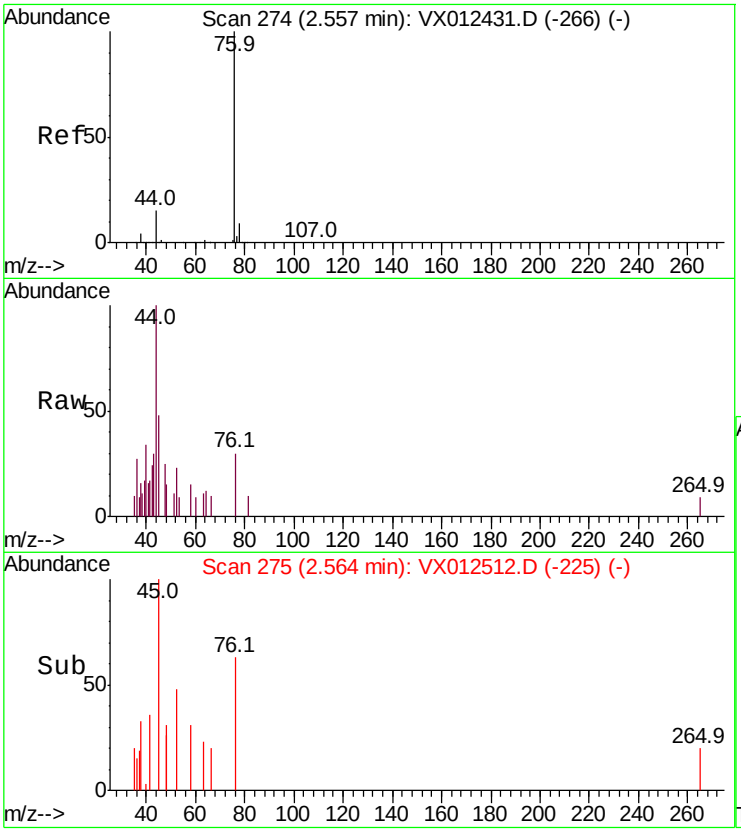


#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 43 Resp: 4361

Ion	Ratio	Lower	Upper
43	100		
58	37.9	23.3	34.9#



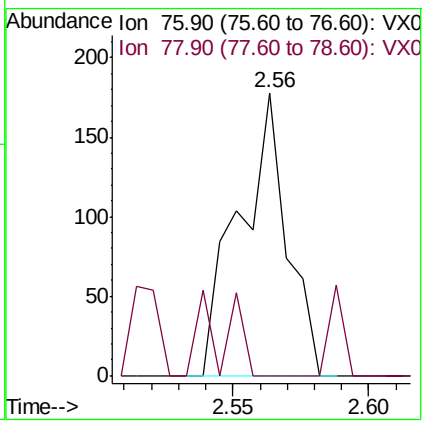


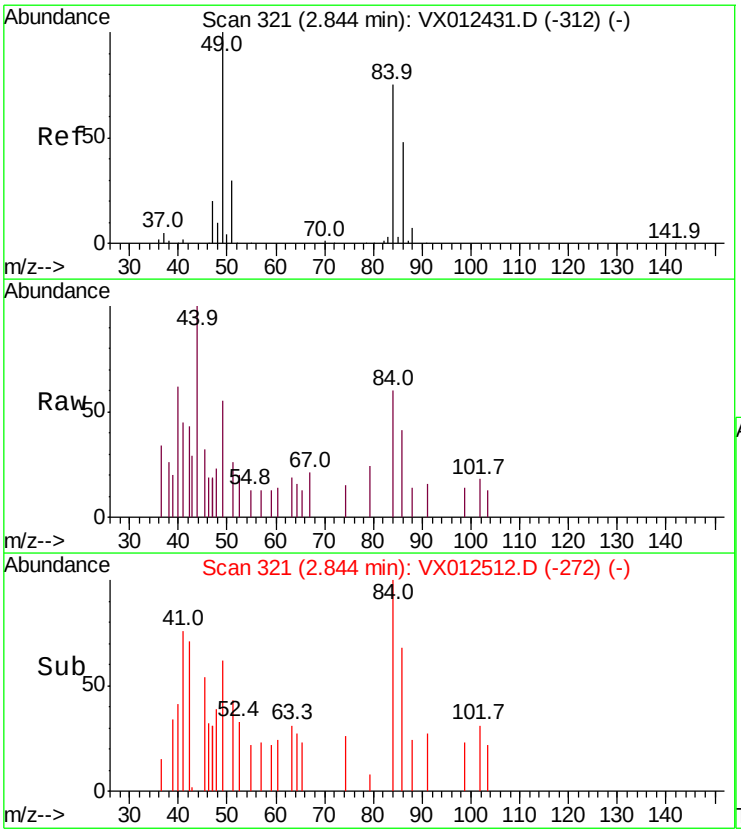
#17
Carbon Disulfide
Concen: 1.927 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 76 Resp: 217

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

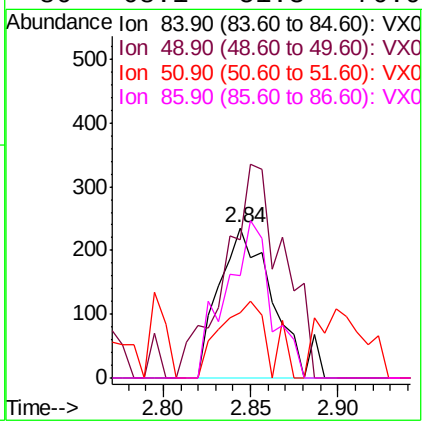


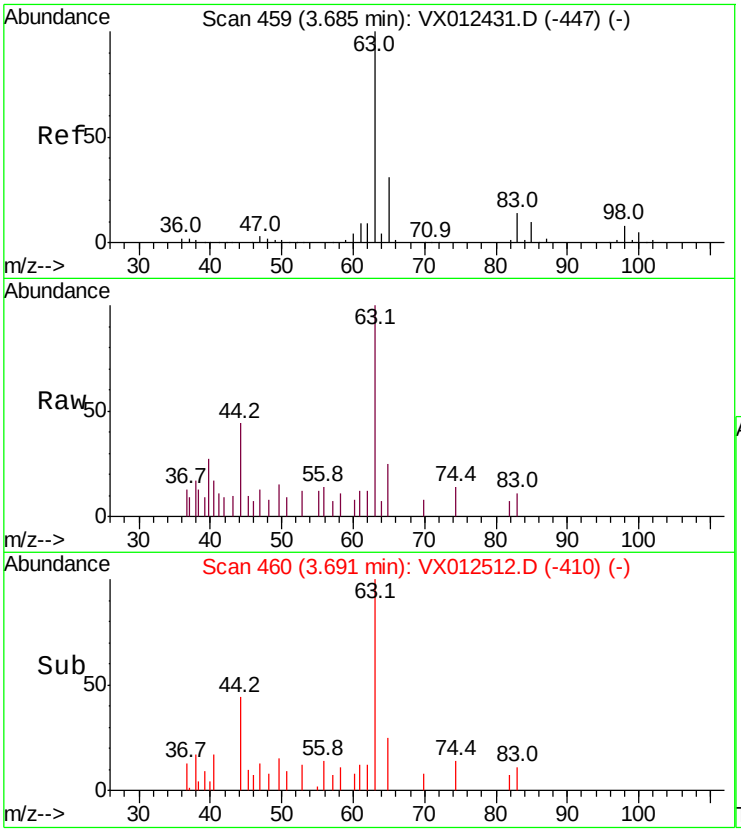


#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 84 Resp: 508

Ion	Ratio	Lower	Upper
84	100		
49	91.9	106.8	160.2#
51	43.4	32.3	48.5
86	68.1	51.3	76.9



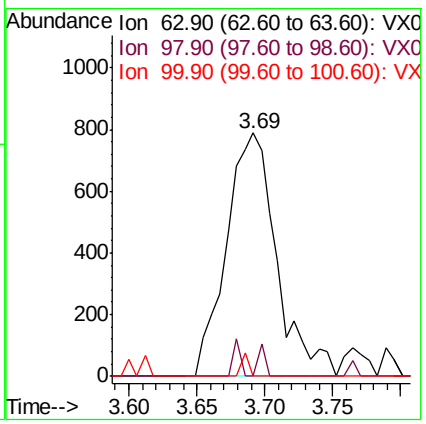


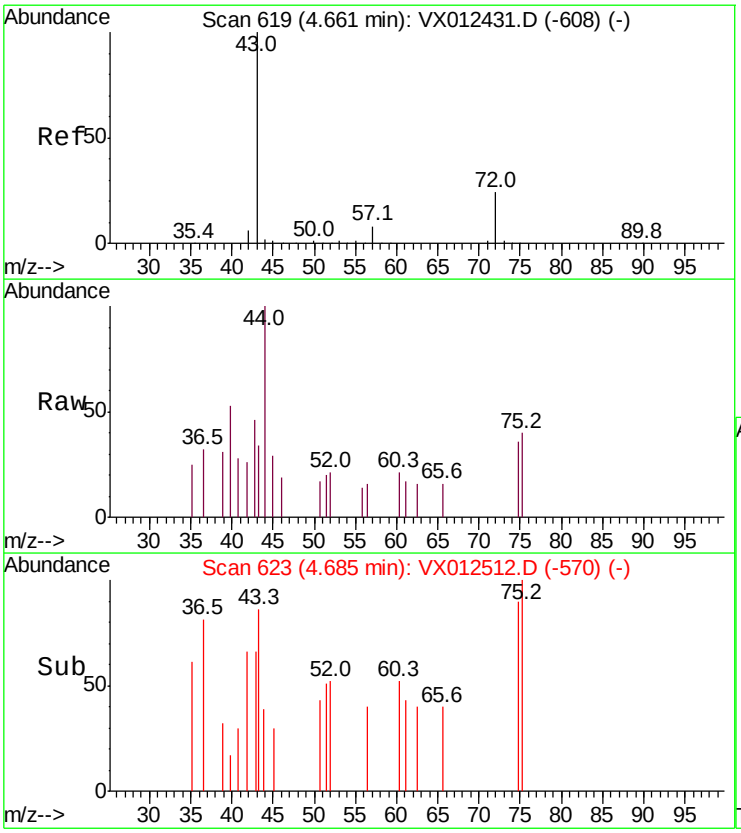
#24
1,1-Dichloroethane
Concen: 0.635 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 63 Resp: 2030

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

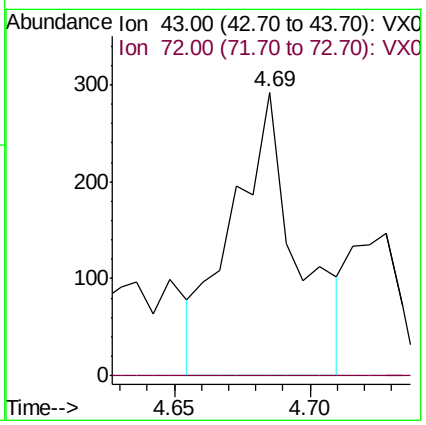


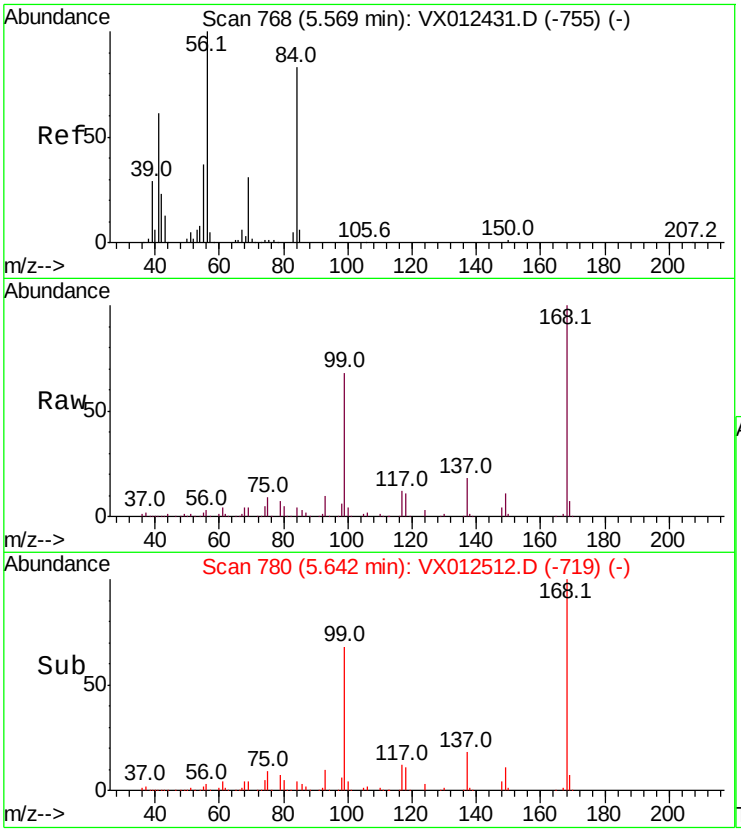


#25
2-Butanone
Concen: 0.250 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 43 Resp: 485

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



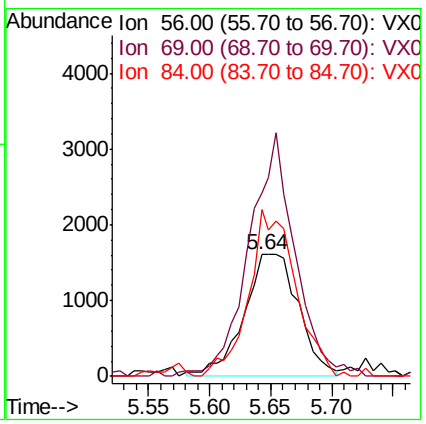


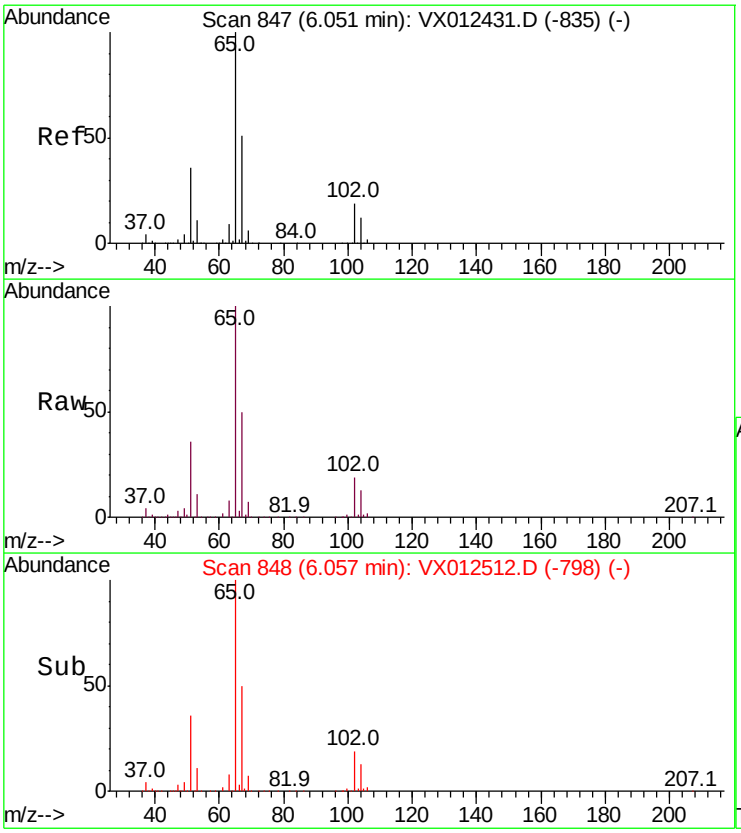
#31
Cyclohexane
Concen: 2.591 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 56 Resp: 4998

Ion	Ratio	Lower	Upper
56	100		
69	152.0	25.0	37.6#
84	142.4	66.4	99.6#

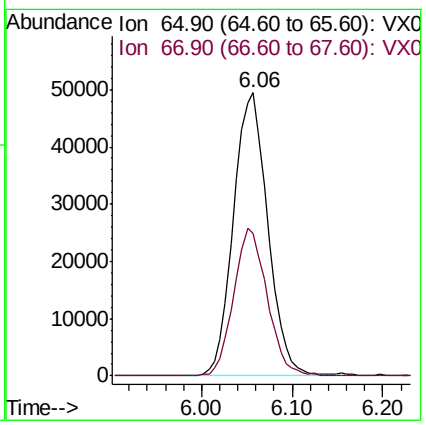


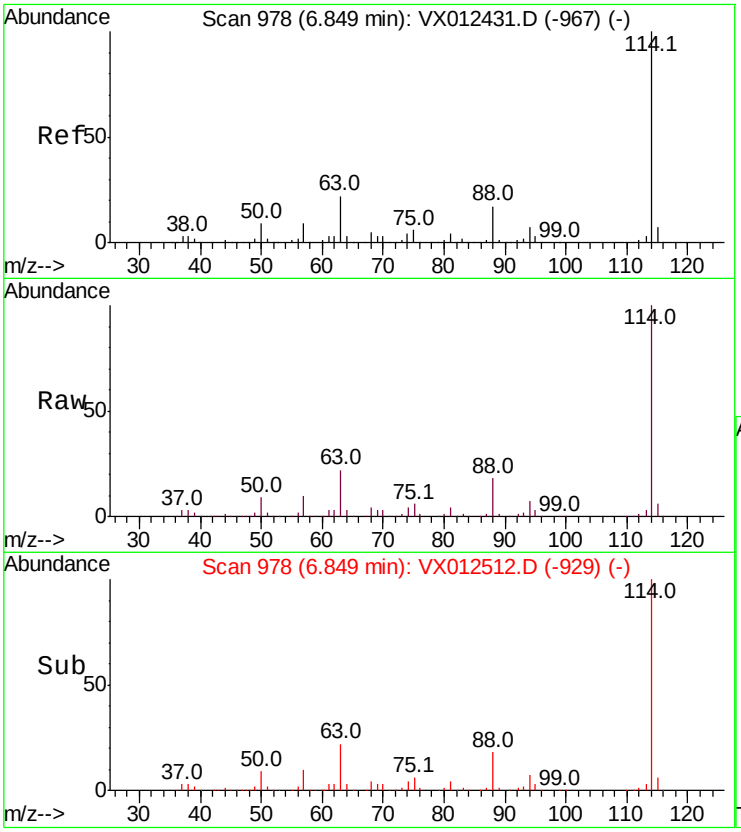


#33
1,2-Dichloroethane-d4
Concen: 46.628 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 65 Resp: 130212

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.2



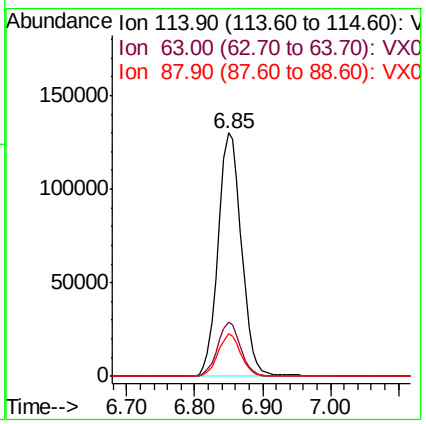


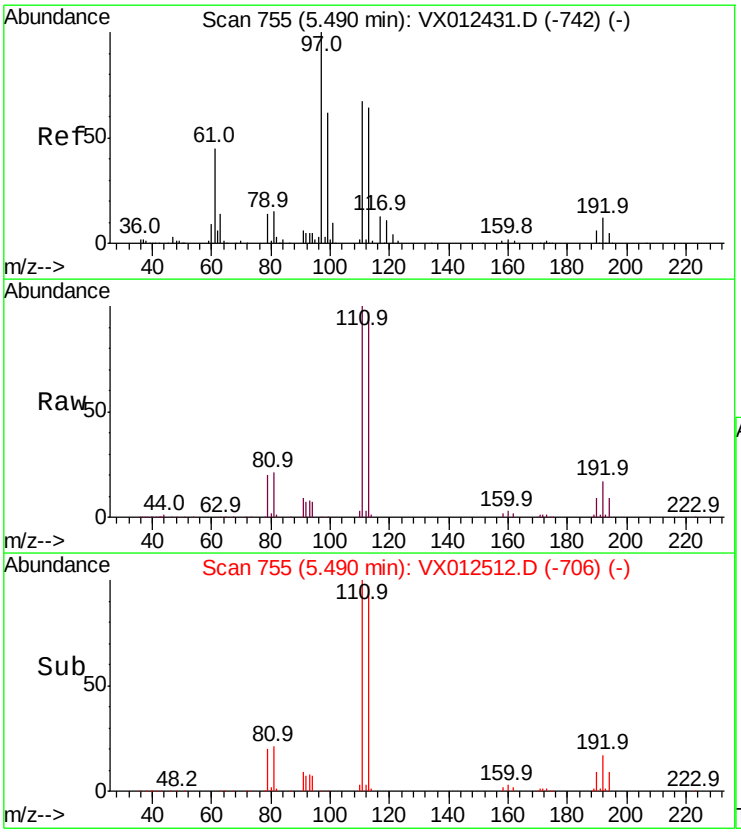
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion:114 Resp: 310952

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	17.7	0.0	33.2

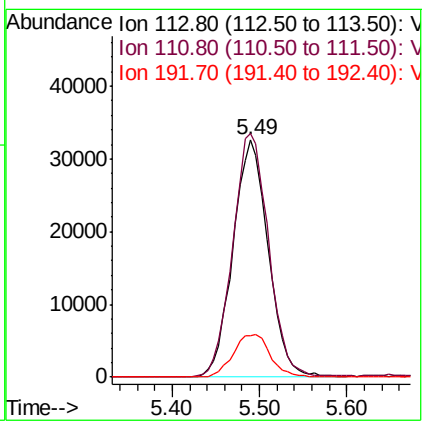


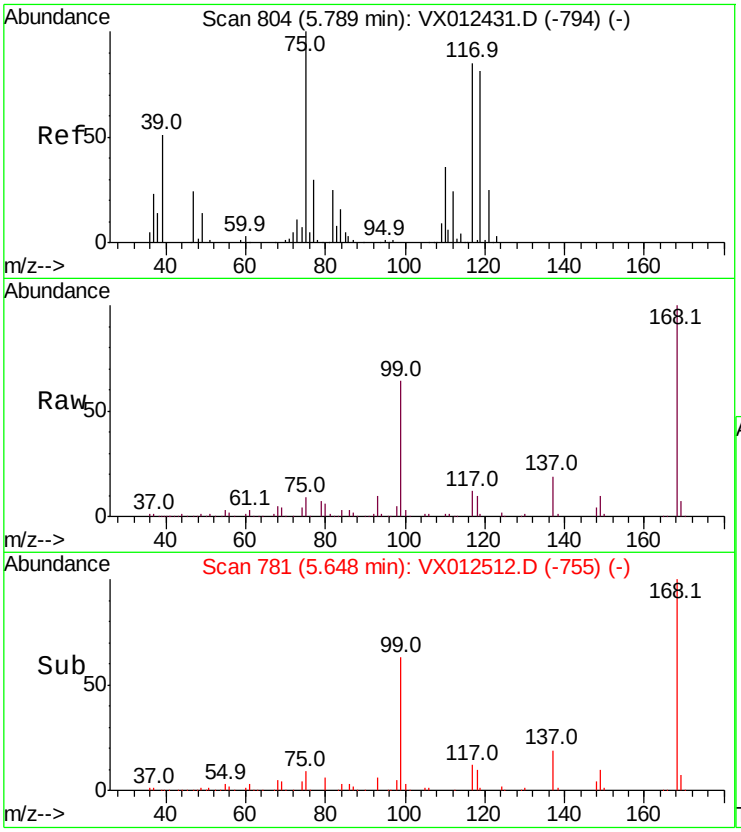


#35
Dibromofluoromethane
Concen: 48.557 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion:113 Resp: 91388

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.2
192	18.6	14.4	21.6



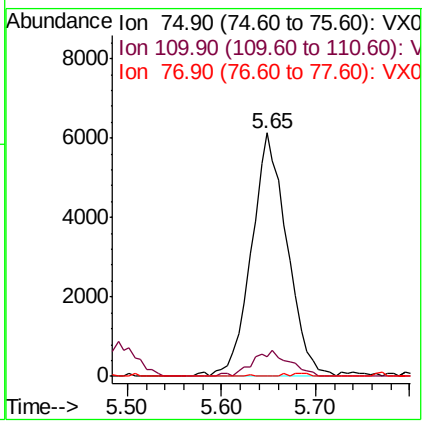


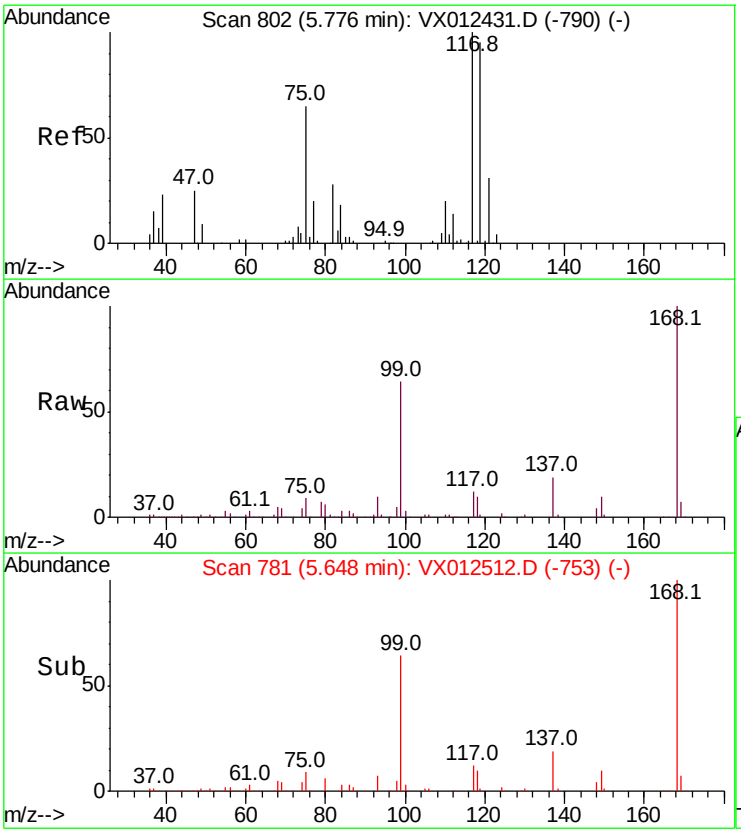
#36
1,1-Dichloropropene
Concen: 8.610 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 75 Resp: 16271

Ion	Ratio	Lower	Upper
75	100		
110	11.0	16.7	50.0#
77	0.6	24.2	36.2#

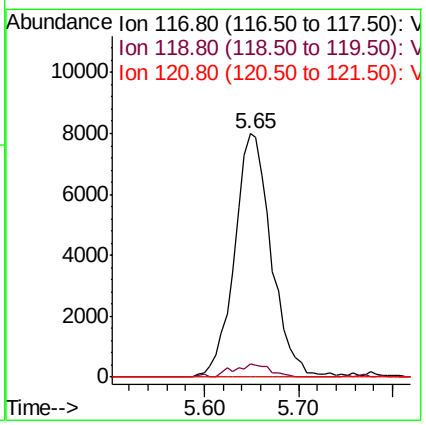


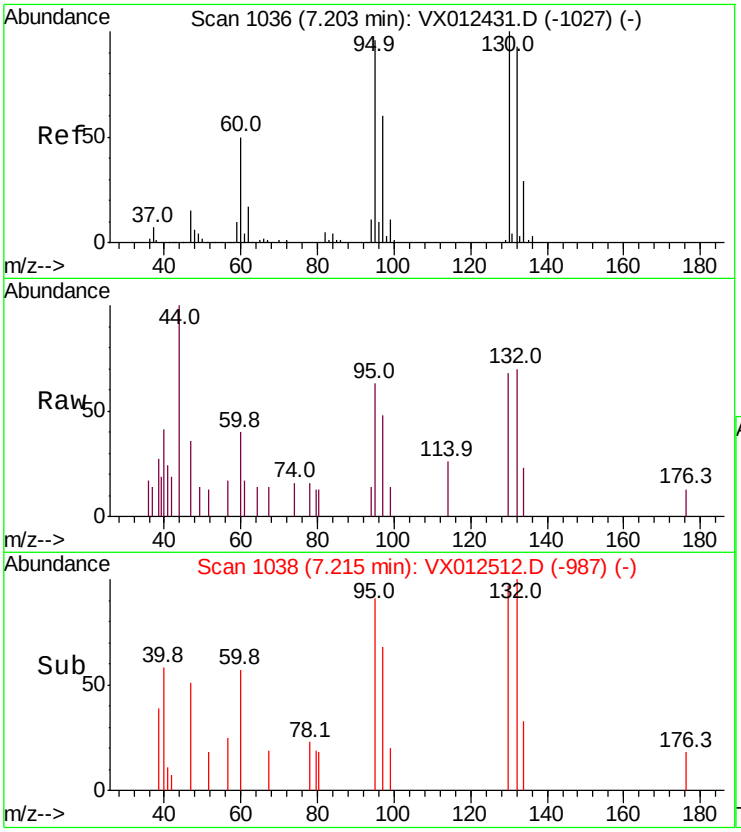


#38
Carbon Tetrachloride
Concen: 9.258 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion:117 Resp: 21760

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.7	113.5#
121	0.0	24.2	36.4#



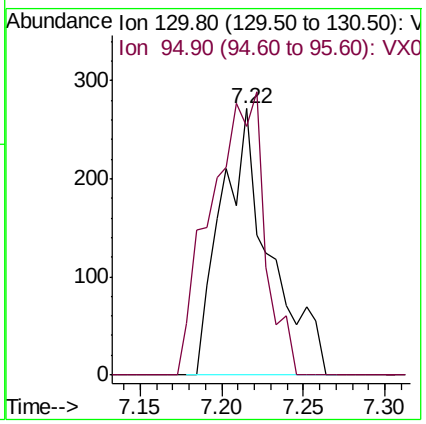


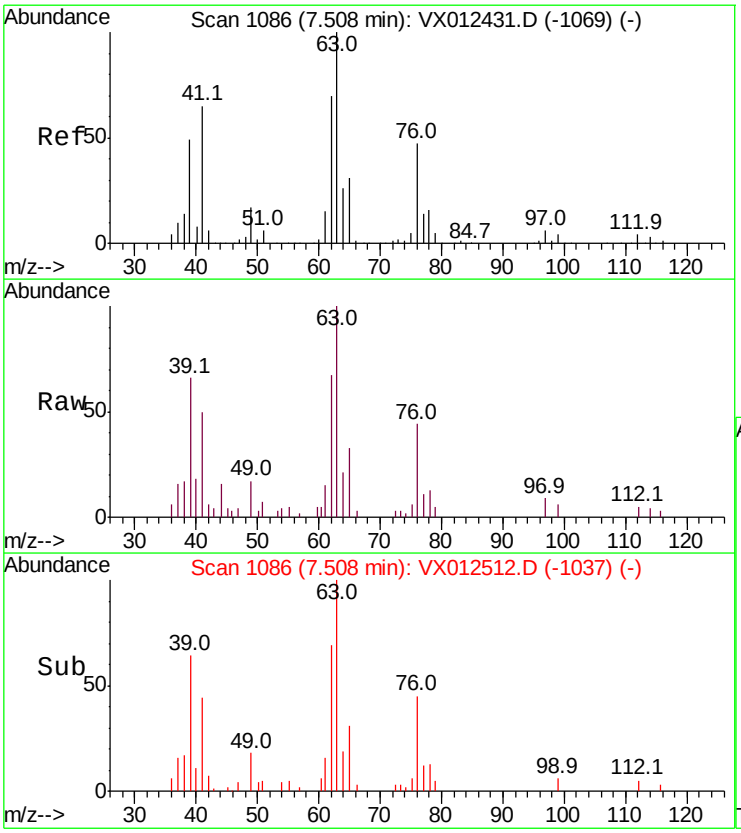
#44
Trichloroethene
Concen: 0.356 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion:130 Resp: 562

Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	193.0

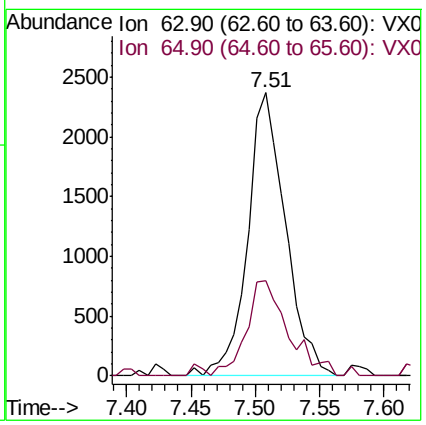


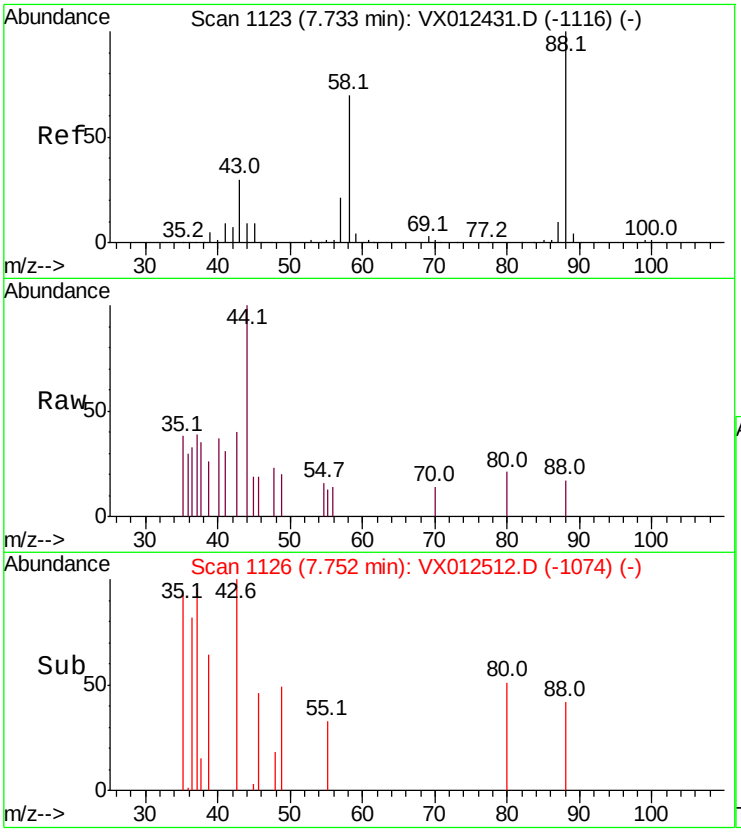


#45
1,2-Dichloropropane
Concen: 2.609 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 63 Resp: 4817

Ion	Ratio	Lower	Upper
63	100		
65	33.4	25.0	37.6



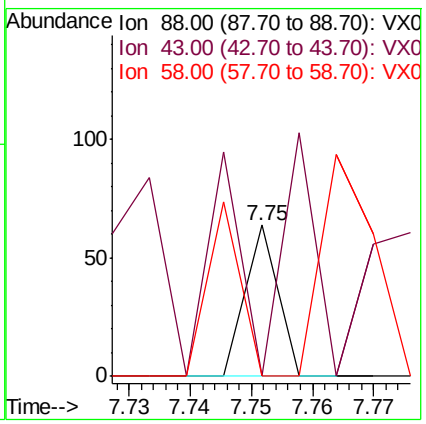


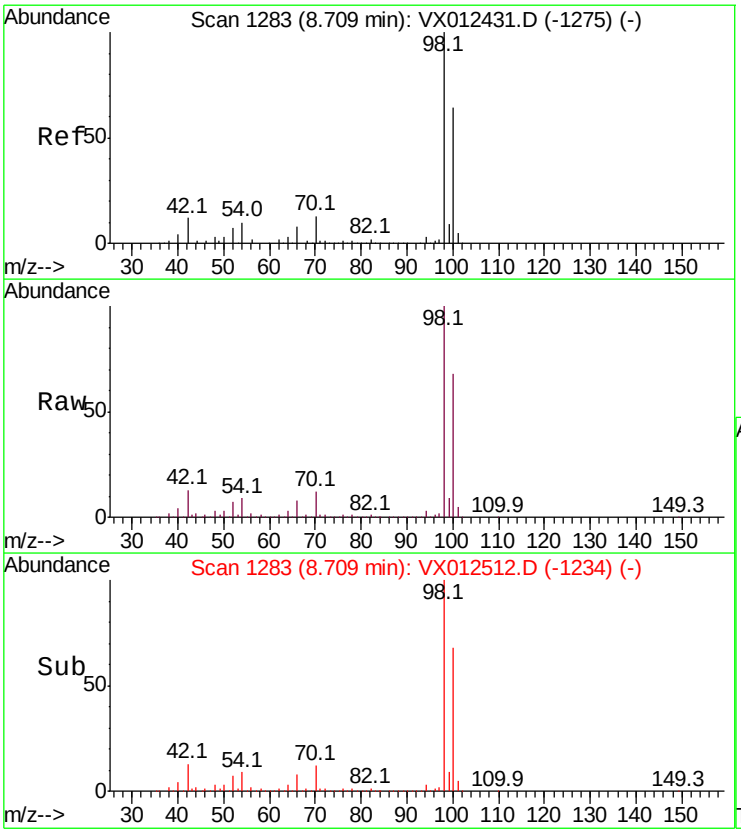
#49
1,4-Dioxane
Concen: 0.385 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	152.2	29.4	44.0#
58	117.4	57.5	86.3#

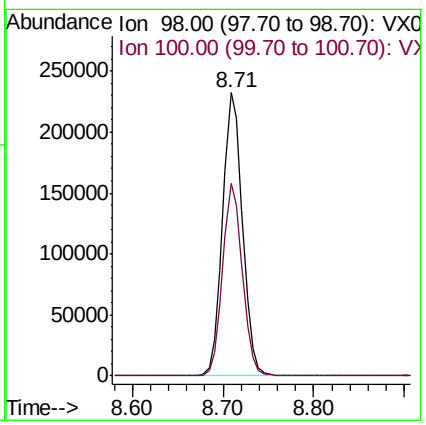


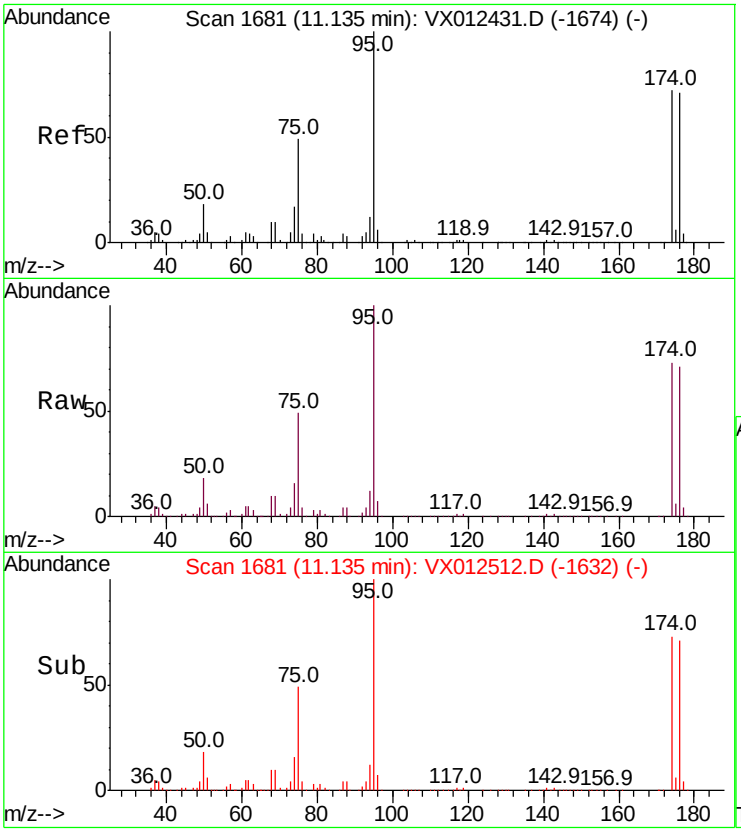


#50
Toluene-d8
Concen: 51.142 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 98 Resp: 356270

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.2



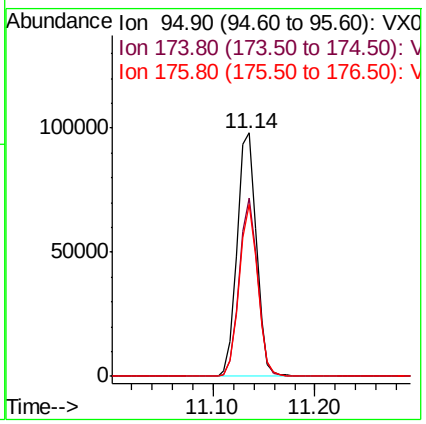


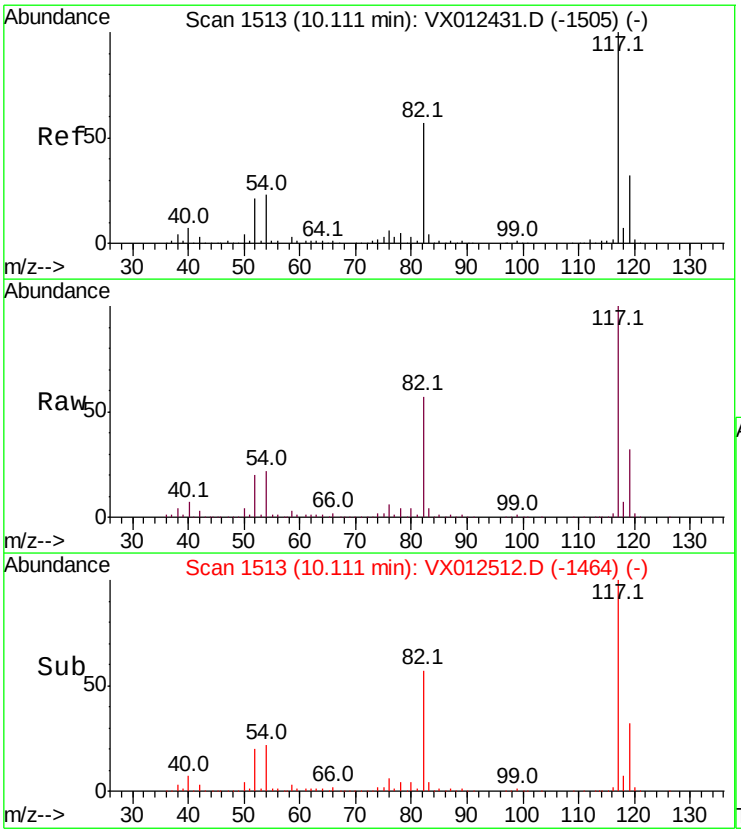
#62
4-Bromofluorobenzene
Concen: 44.056 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion: 95 Resp: 127432

Ion	Ratio	Lower	Upper
95	100		
174	70.1	0.0	140.0
176	68.0	0.0	135.4

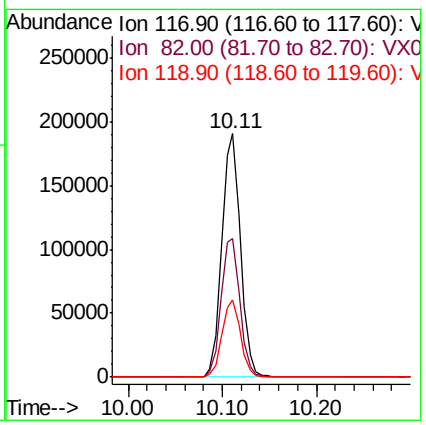


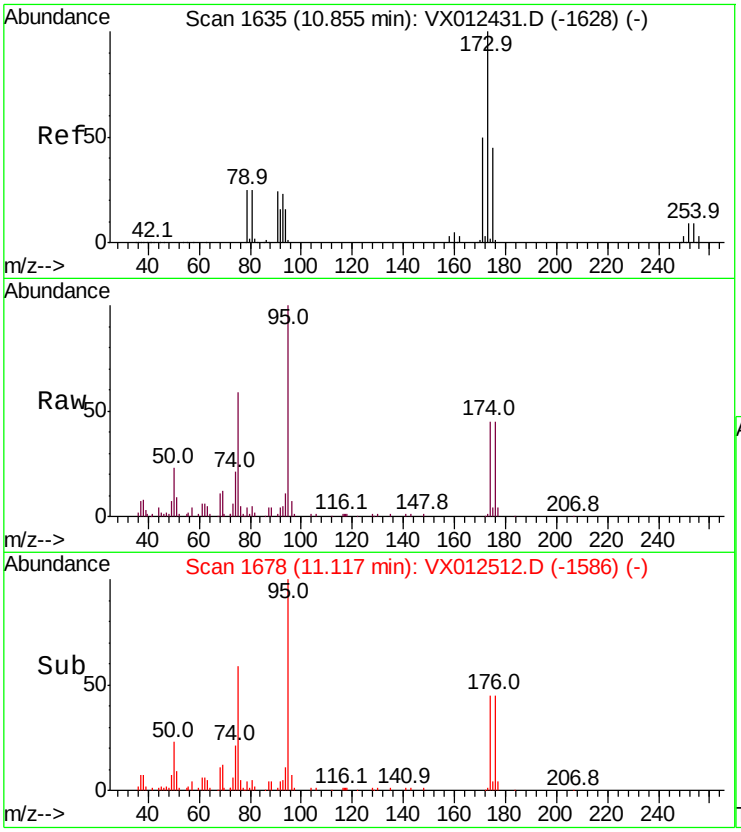


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion:117 Resp: 260751

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.9	68.9
119	31.7	25.3	37.9



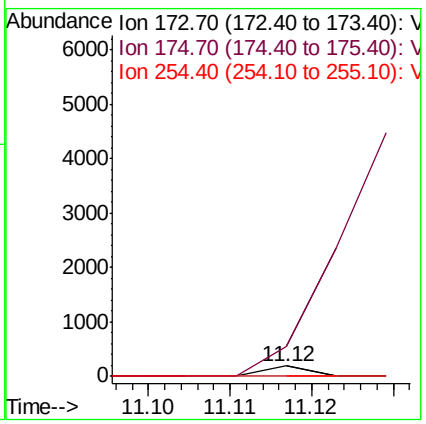


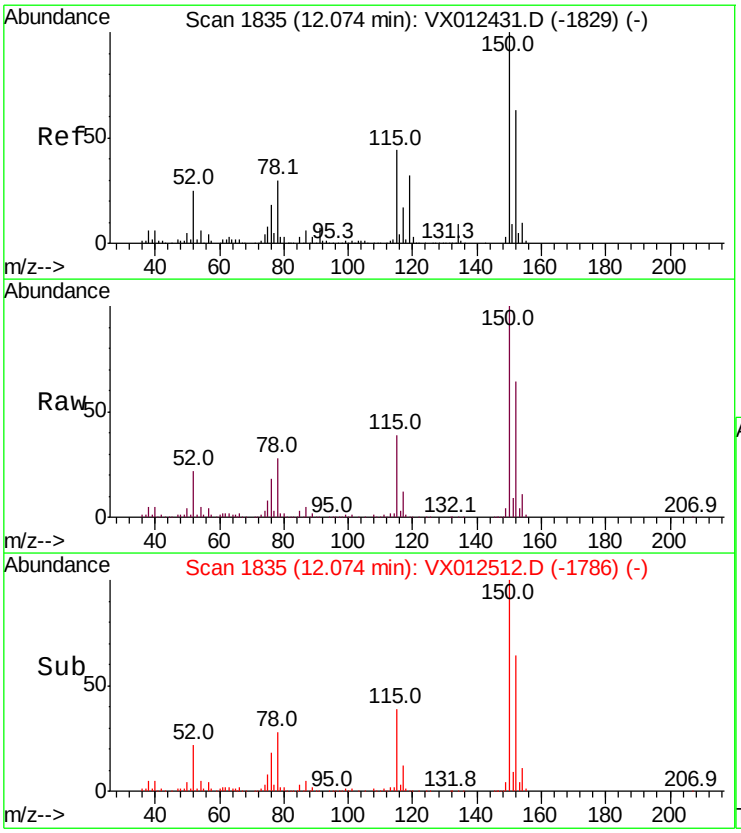
#71
Bromoform
Concen: 2.911 ug/l
RT: 11.12 min Scan# 1678
Delta R.T. 0.26 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910

Tgt Ion:173 Resp: 68

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

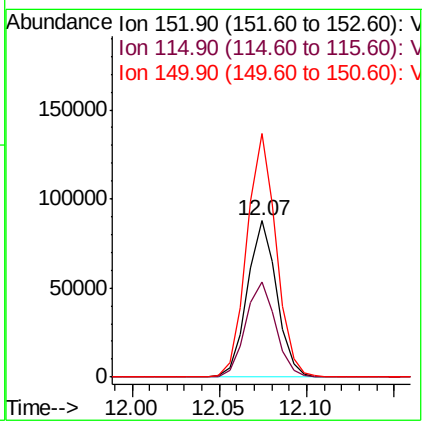


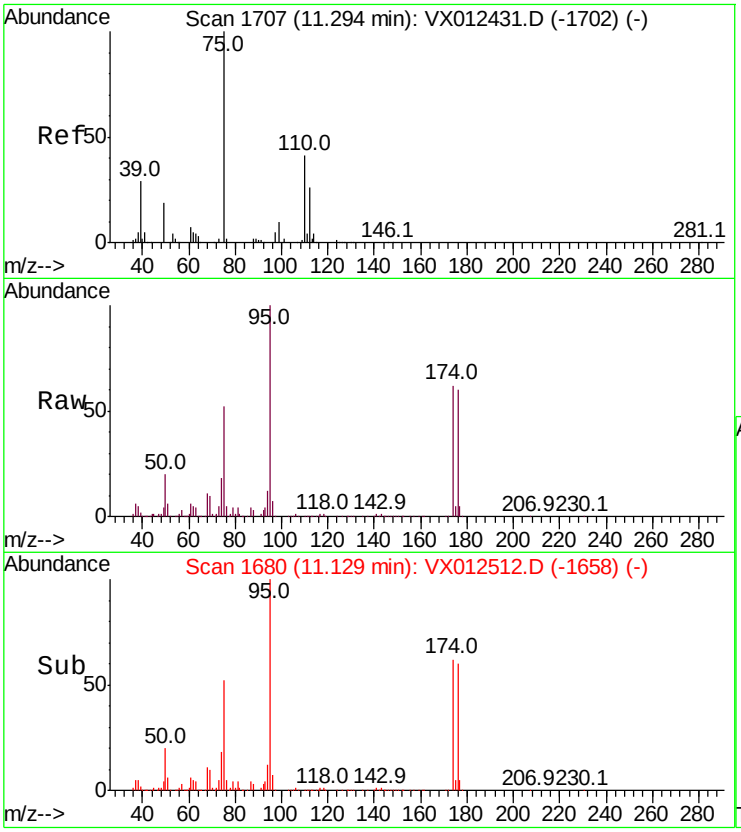


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion:152 Resp: 102391

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.1	132.3
150	156.1	0.0	343.8



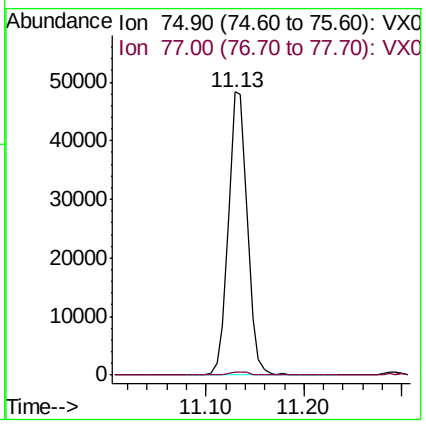


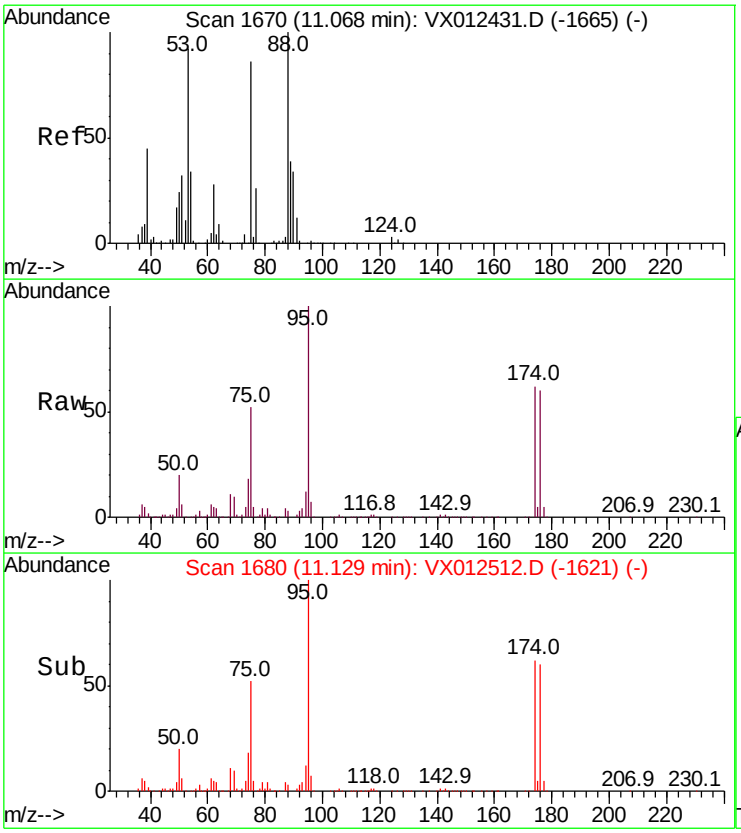
#76
1,2,3-Trichloropropane
Concen: 27.677 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument : MSVOA_X
ClientSampleId : RE135D2-20190910

Tgt Ion: 75 Resp: 65097

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.375 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Tgt Ion: 75 Resp: 65097

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.6	125.4#
89	0.1	36.3	54.5#