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

Quantitation Report (Not Reviewed)

Data File : VX012448.D
Acq On : 17 Sep 2019 21:50
Operator : JC/SP
Sample : K4858-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP02-20190910

Quant Time: Sep 18 03:28:01 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	165681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113613	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.70%			
35) Dibromofluoromethane	5.48	113	82117	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.38%			
50) Toluene-d8	8.71	98	313503	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.58%			
62) 4-Bromofluorobenzene	11.14	95	112619	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	293	0.654	ug/l #	55
3) Chloromethane	1.32	50	234	0.257	ug/l #	65
5) Bromomethane	1.65	94	508	1.313	ug/l #	45
6) Chloroethane	1.74	64	520	0.675	ug/l #	77
7) Trichlorofluoromethane	1.92	101	380	0.211	ug/l #	49
8) Diethyl Ether	2.05	74	190	0.233	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	200688	153.695	ug/l	99
10) Methyl Iodide	2.51	142	266	4.658	ug/l #	56
11) Tert butyl alcohol	3.03	59	89	Below Cal	#	65
12) 1,1-Dichloroethene	2.37	96	2477	2.378	ug/l #	76
13) Acrolein	2.28	56	303	Below Cal	#	15
16) Acetone	2.44	43	2721	Below Cal		95
17) Carbon Disulfide	2.56	76	340	2.029	ug/l #	21
21) trans-1,2-Dichloroethene	3.16	96	255	0.236	ug/l #	12
24) 1,1-Dichloroethane	3.67	63	587	0.216	ug/l #	81
27) cis-1,2-Dichloroethene	4.59	96	1816	1.124	ug/l	90
31) Cyclohexane	5.65	56	4351	2.653	ug/l #	5
32) 1,1,1-Trichloroethane	5.50	97	545	0.209	ug/l #	51
36) 1,1-Dichloropropene	5.65	75	14115	8.762	ug/l #	54
37) Ethyl Acetate	4.83	43	515	0.208	ug/l #	83
38) Carbon Tetrachloride	5.66	117	18487	9.227	ug/l #	16
42) 1,2-Dichloroethane	6.18	62	1176	0.495	ug/l	96
44) Trichloroethene	7.20	130	40617	30.142	ug/l	99
45) 1,2-Dichloropropane	7.50	63	420	0.267	ug/l	93
49) 1,4-Dioxane	7.76	88	427	8.386	ug/l #	63
60) Dibromochloromethane	9.33	129	8195	4.731	ug/l #	11
64) Tetrachloroethene	9.33	164	8209	7.917	ug/l	92
76) 1,2,3-Trichloropropane	11.14	75	59111	27.169	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	59111	73.067	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.64	180	392	0.214	ug/l	93

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

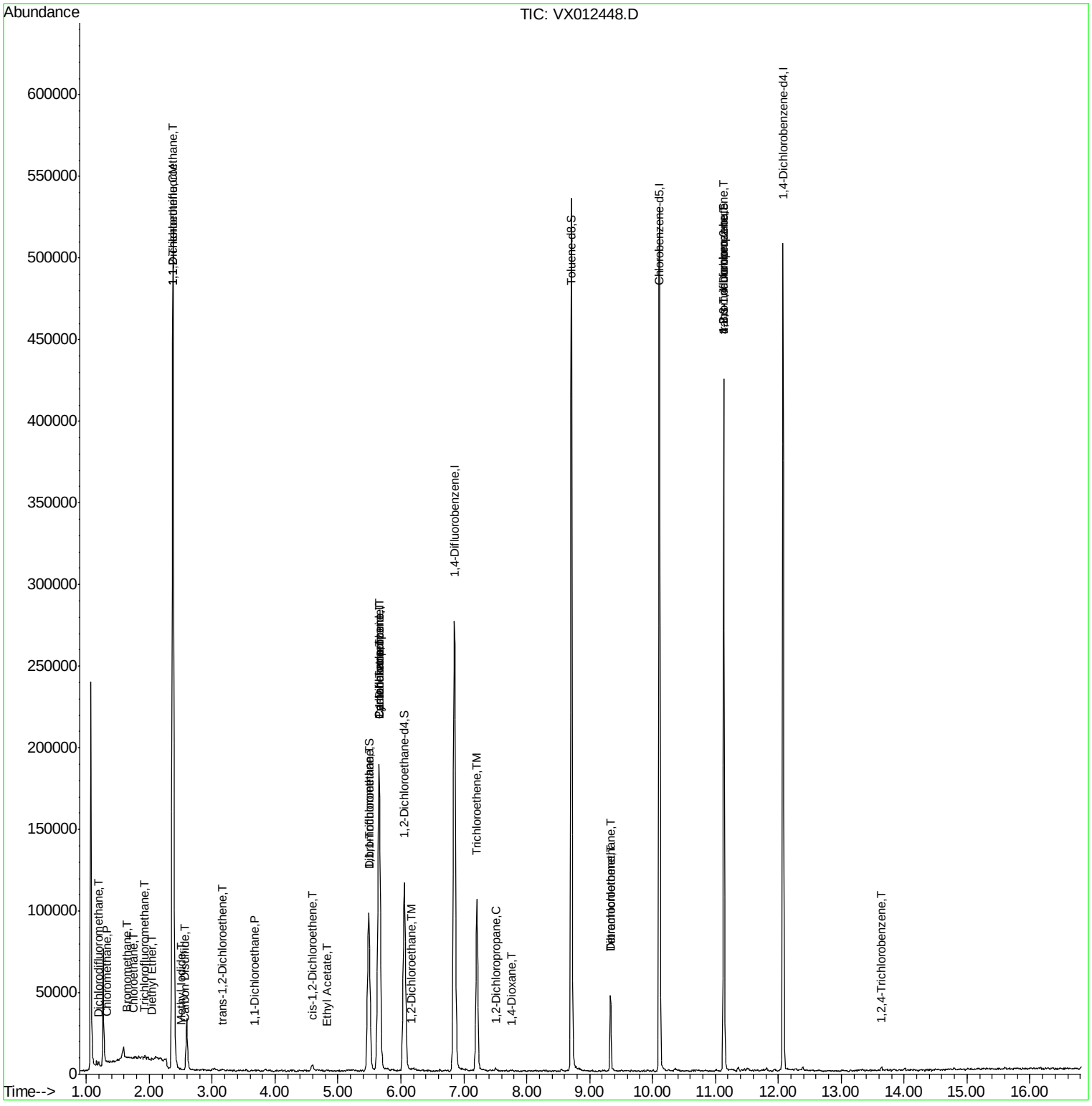
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

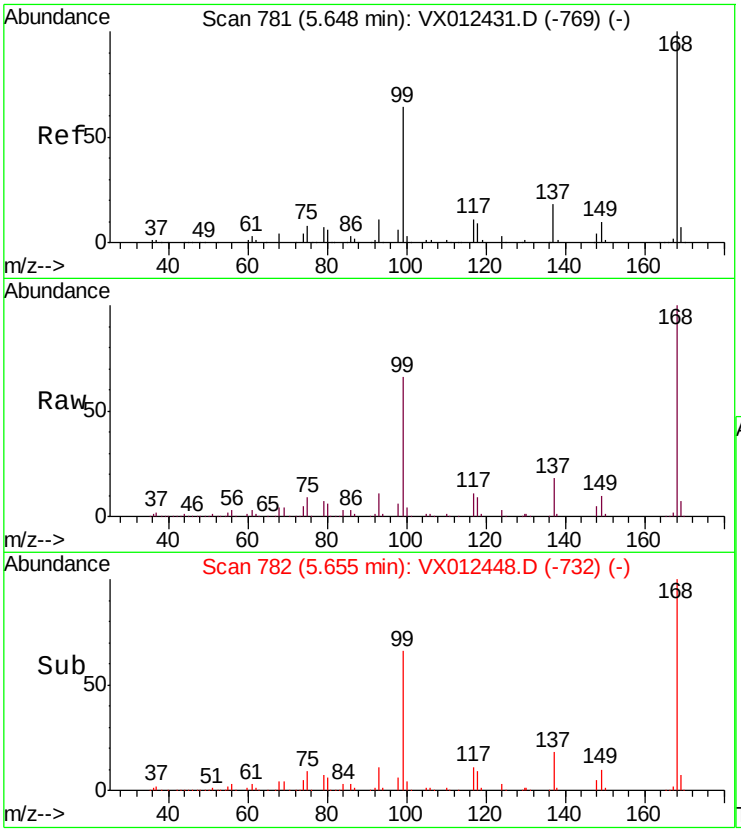
Quantitation Report (Not Reviewed)

Data File : VX012448.D
Acq On : 17 Sep 2019 21:50
Operator : JC/SP
Sample : K4858-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Quant Time: Sep 18 03:28:01 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



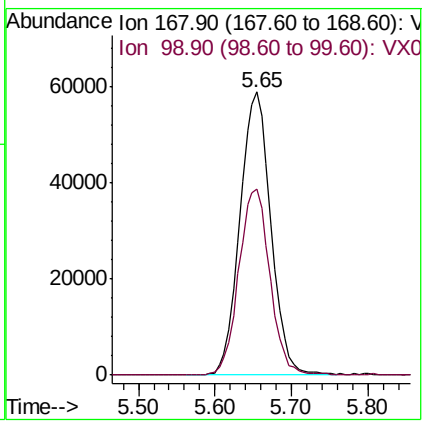


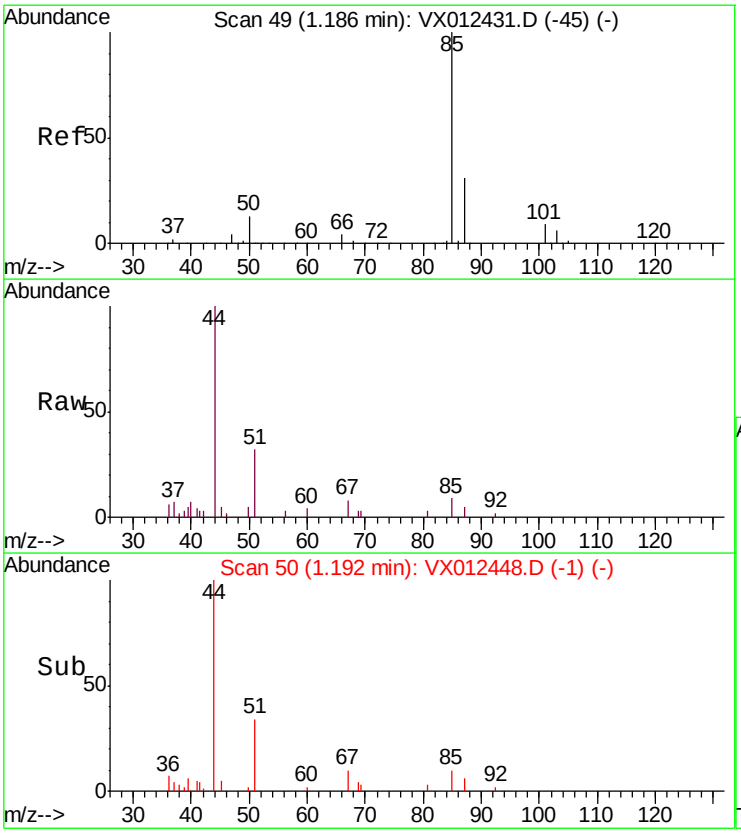
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion:168 Resp: 165681

Ion	Ratio	Lower	Upper
168	100		
99	65.7	51.4	77.2

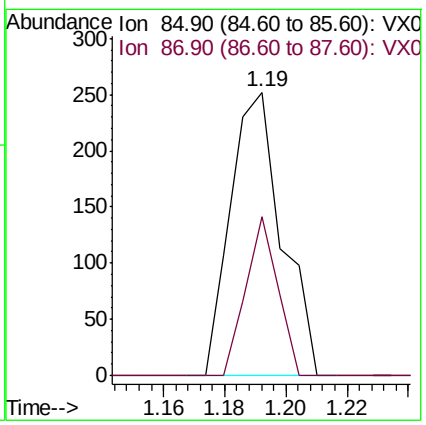


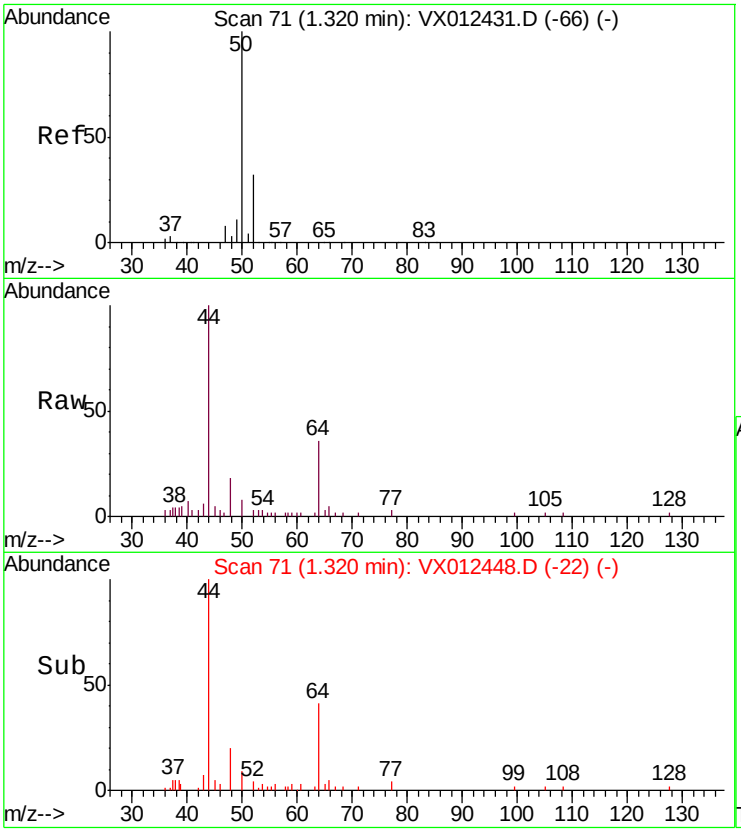


#2
Dichlorodifluoromethane
Concen: 0.654 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 85 Resp: 293

Ion	Ratio	Lower	Upper
85	100		
87	56.0	15.6	46.8#



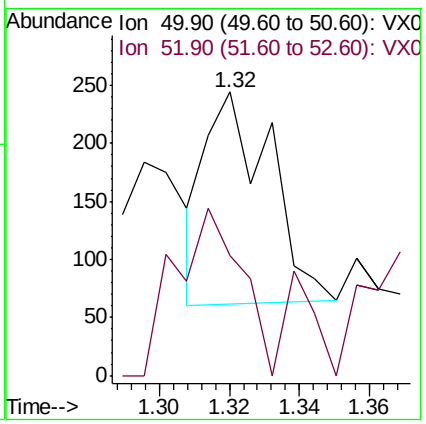


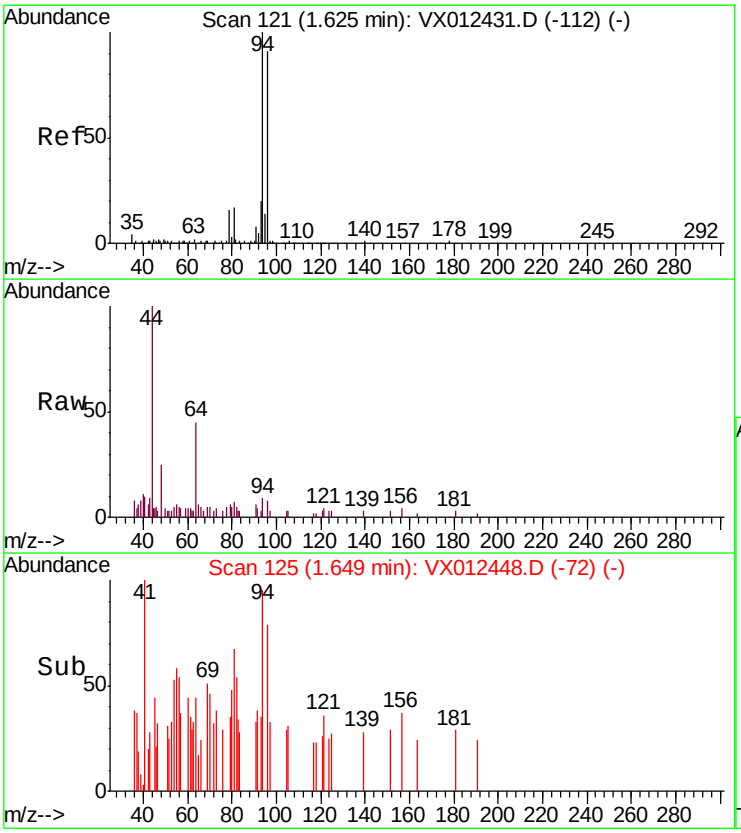
#3
Chloromethane
Concen: 0.257 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 50 Resp: 234

Ion	Ratio	Lower	Upper
50	100		
52	12.3	25.7	38.5#

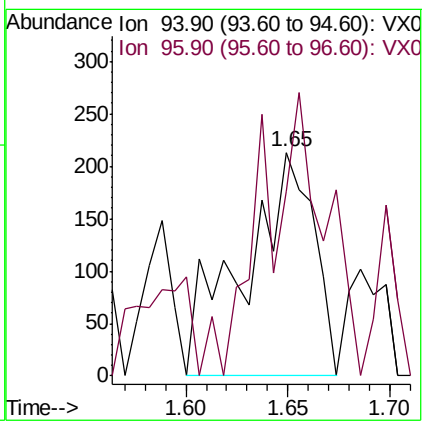


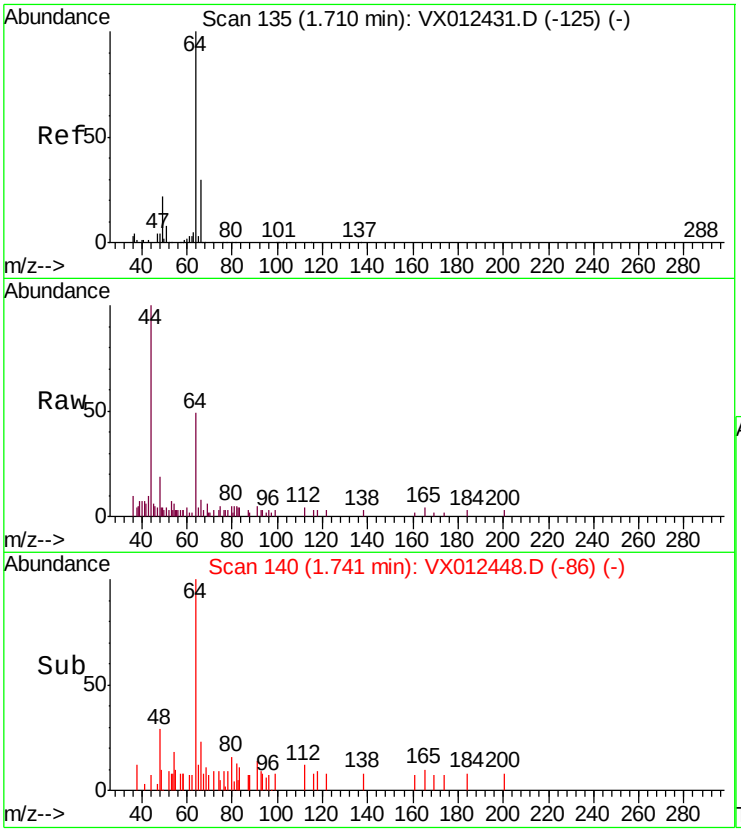


#5
Bromomethane
Concen: 1.313 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 94 Resp: 508

Ion	Ratio	Lower	Upper
94	100		
96	38.5	72.8	109.2#



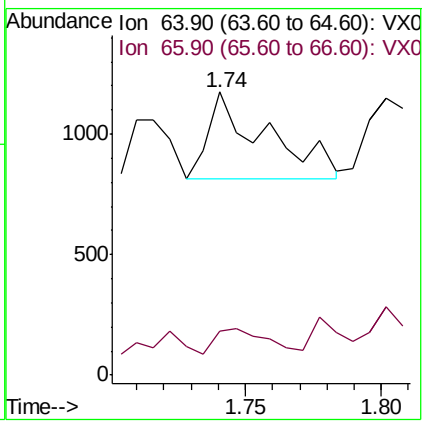


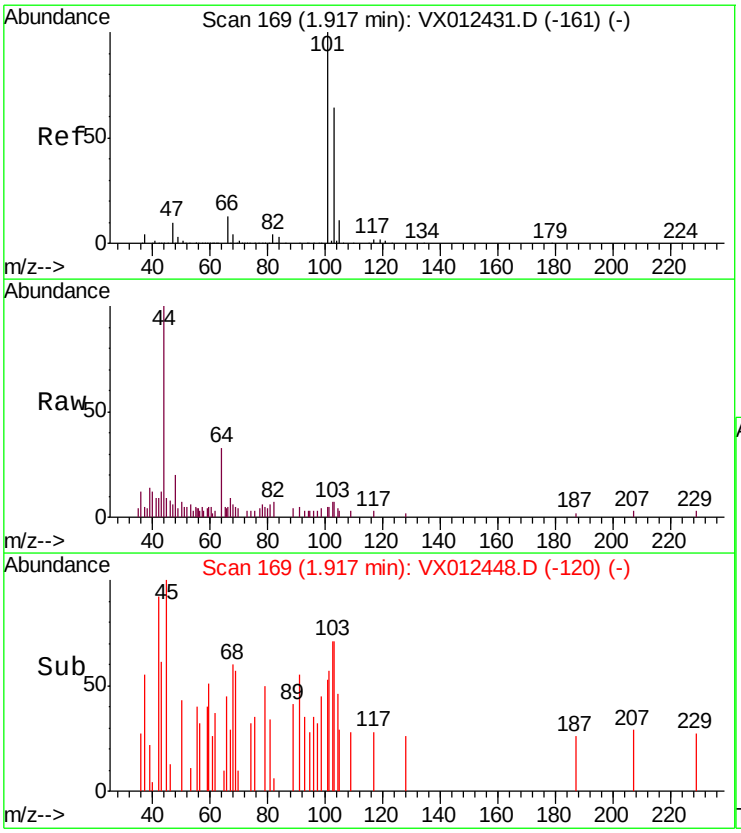
#6
Chloroethane
Concen: 0.675 ug/l
RT: 1.74 min Scan# 140
Delta R.T. 0.03 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 64 Resp: 520

Ion	Ratio	Lower	Upper
64	100		
66	17.3	24.0	36.0#

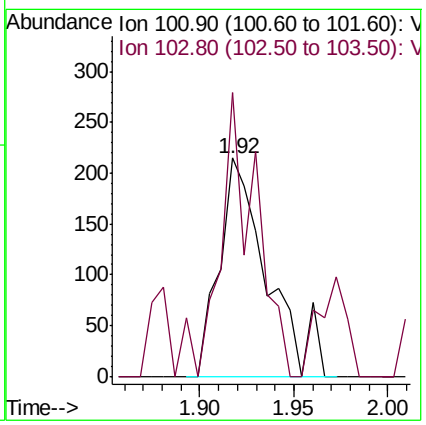


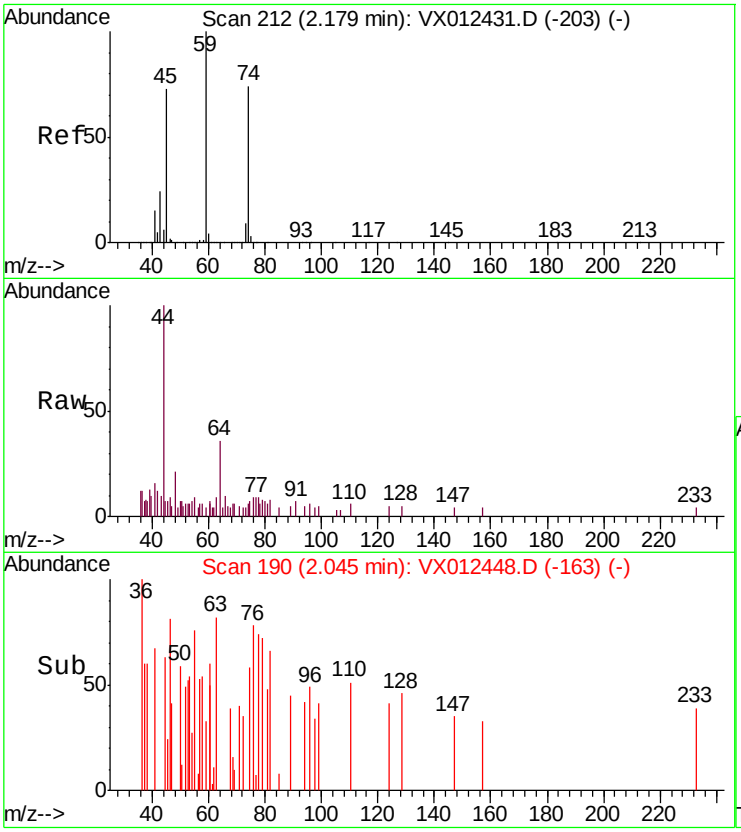


#7
Trichlorofluoromethane
Concen: 0.211 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion:101 Resp: 380

Ion	Ratio	Lower	Upper
101	100		
103	103.3	51.0	76.4#



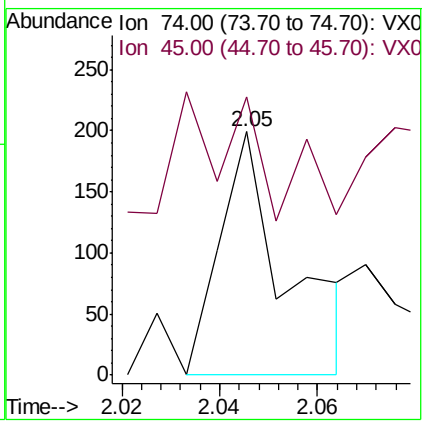


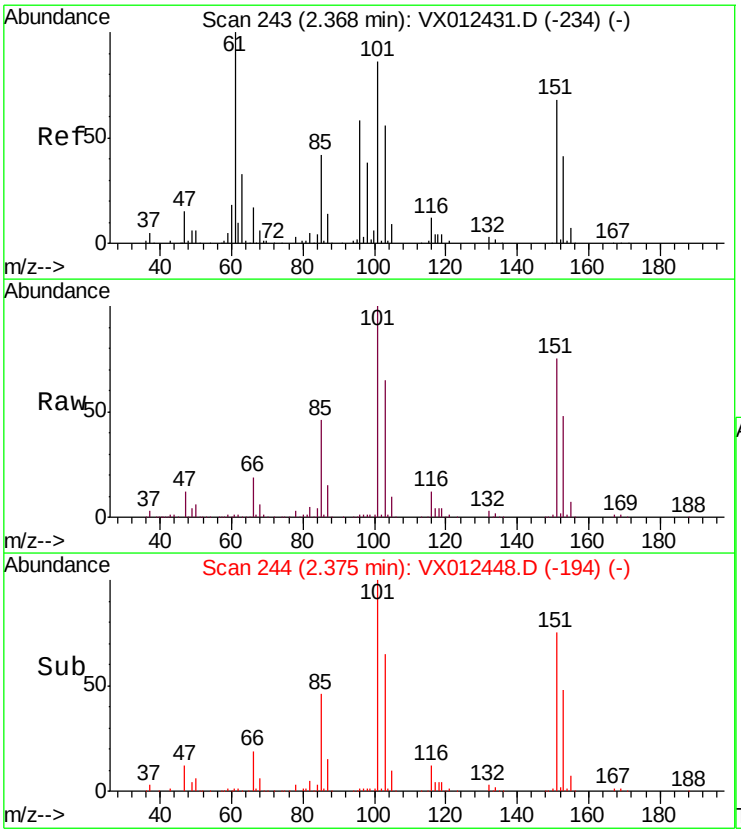
#8
Diethyl Ether
Concen: 0.233 ug/l
RT: 2.05 min Scan# 190
Delta R.T. -0.13 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 74 Resp: 190

Ion	Ratio	Lower	Upper
74	100		
45	105.3	49.9	149.7

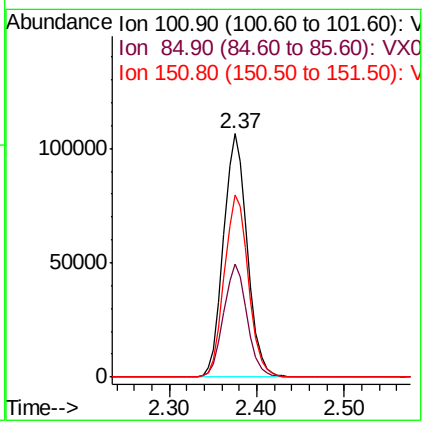


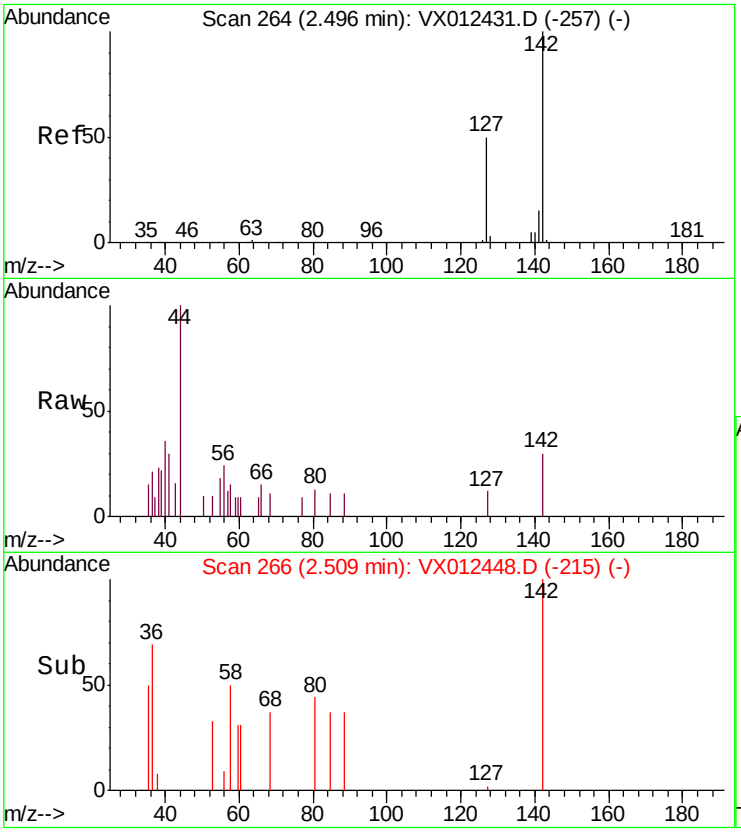


#9
1,1,2-Trichlorotrifluoroethane
Concen: 153.695 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion:101 Resp: 200688

Ion	Ratio	Lower	Upper
101	100		
85	45.7	37.3	55.9
151	76.0	61.0	91.4



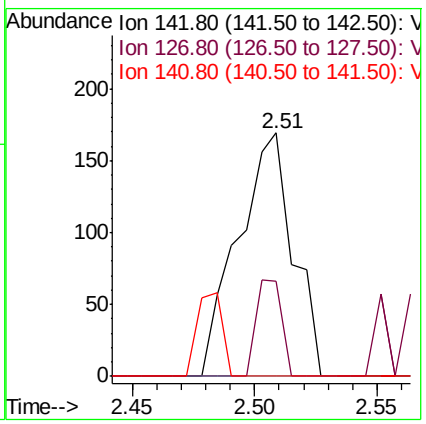


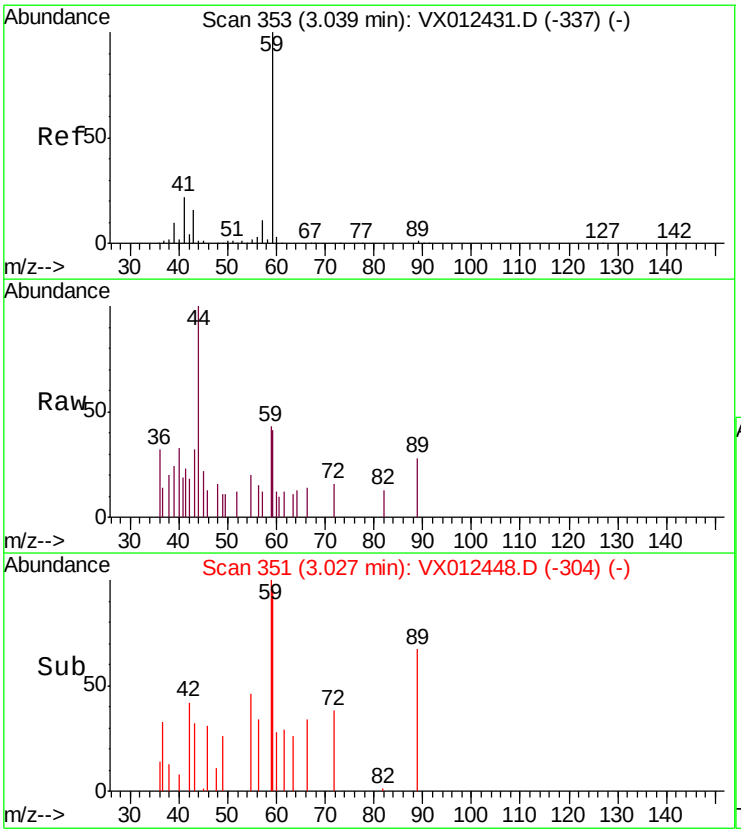
#10
Methyl Iodide
Concen: 4.658 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion:142 Resp: 266

Ion	Ratio	Lower	Upper
142	100		
127	18.4	40.8	61.2#
141	0.0	12.1	18.1#

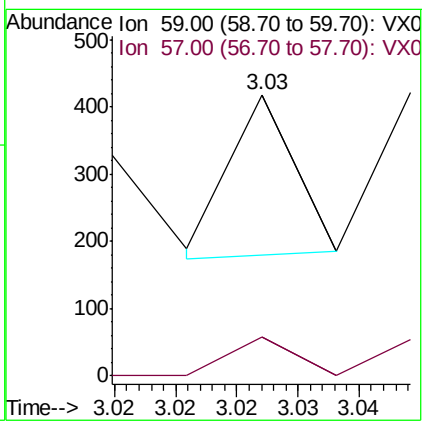


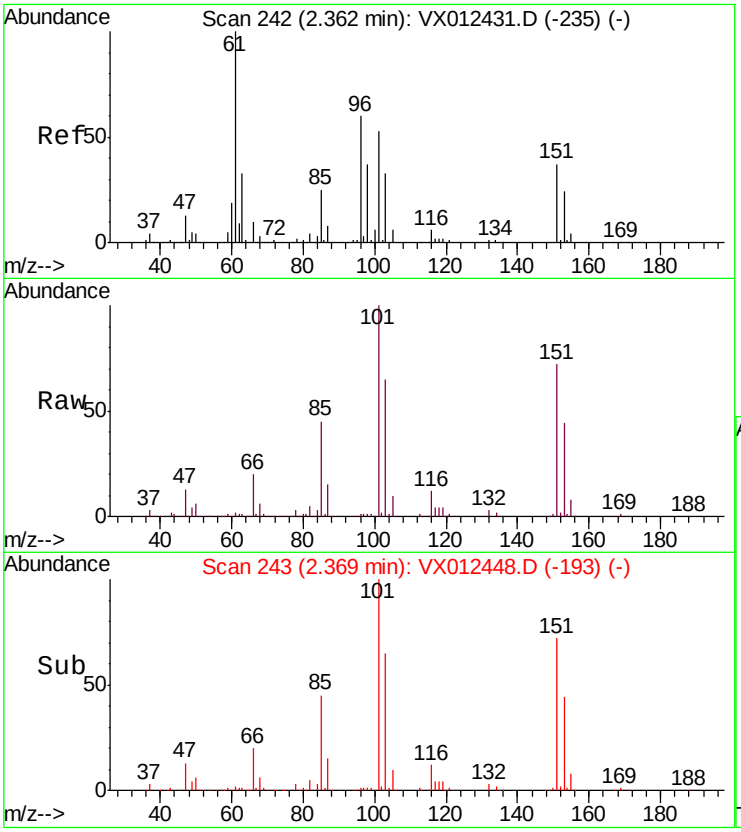


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 59 Resp: 89

Ion	Ratio	Lower	Upper
59	100		
57	23.6	8.3	12.5#



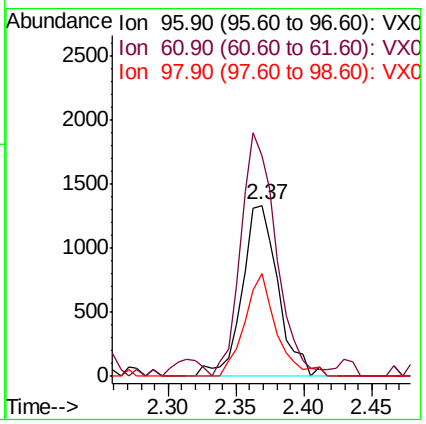


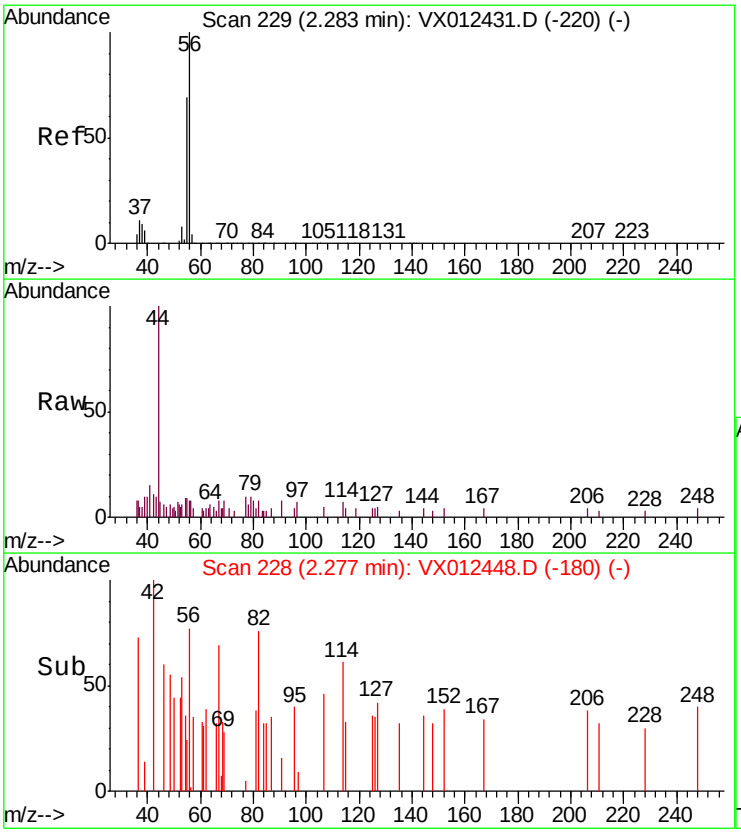
#12
1,1-Dichloroethene
Concen: 2.378 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 96 Resp: 2477

Ion	Ratio	Lower	Upper
96	100		
61	124.2	133.8	200.6#
98	59.9	49.9	74.9

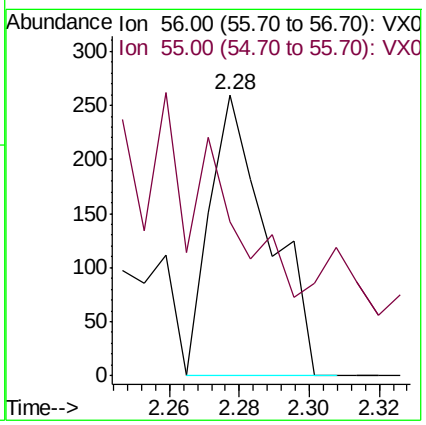


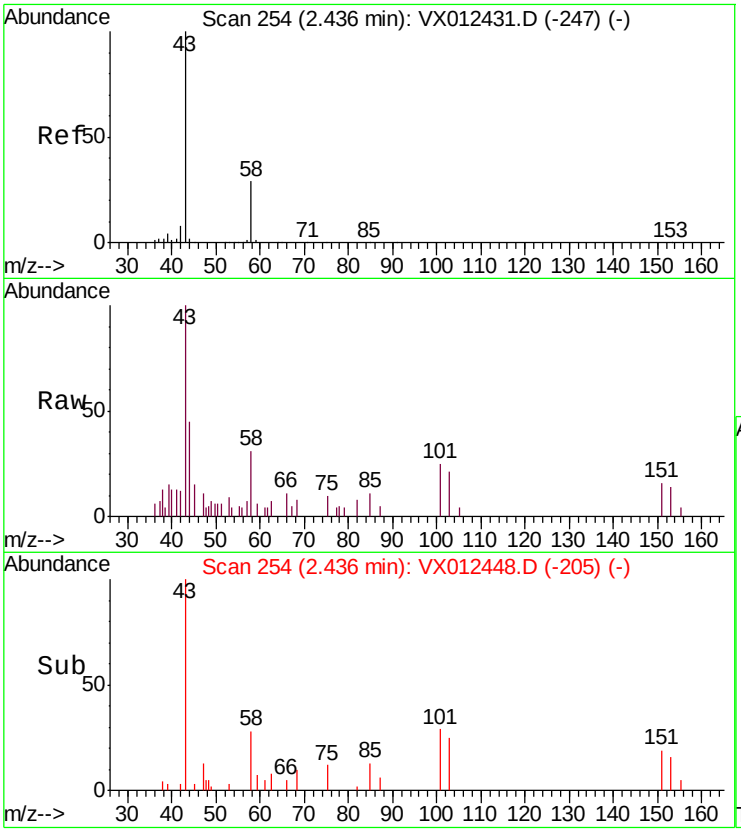


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 56 Resp: 303

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#



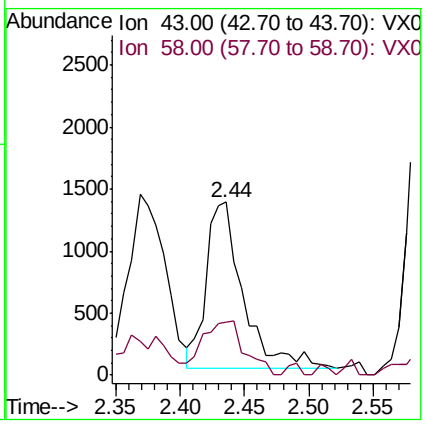


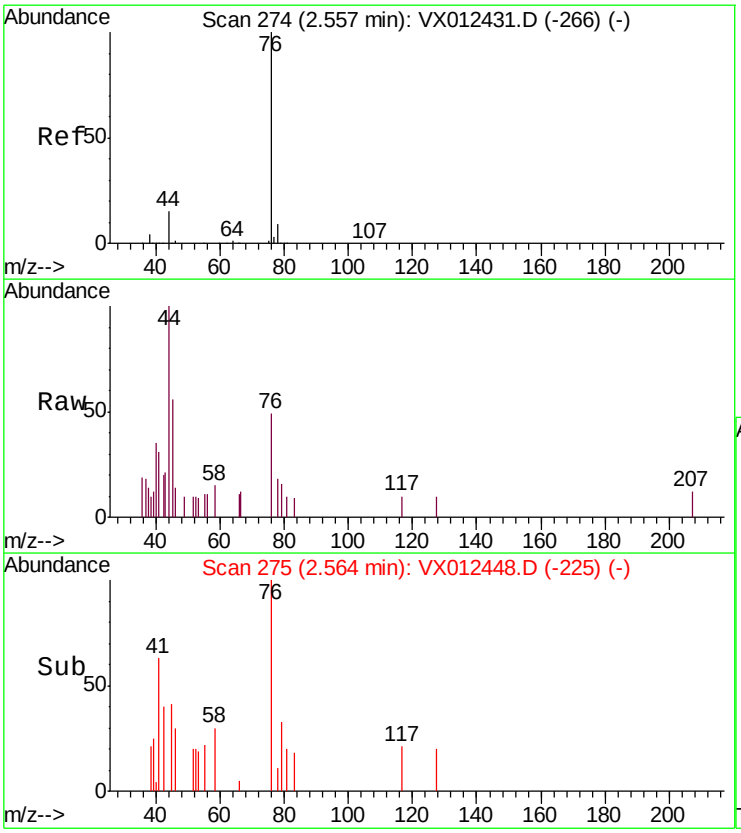
#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 43 Resp: 2721

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.3	34.9

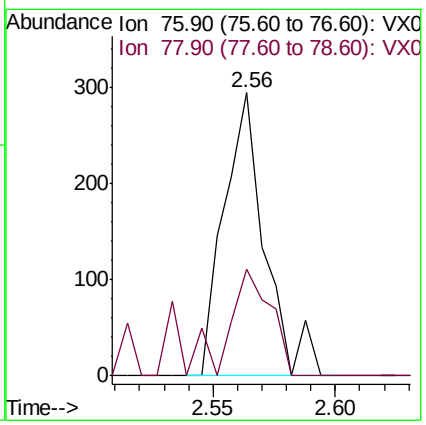


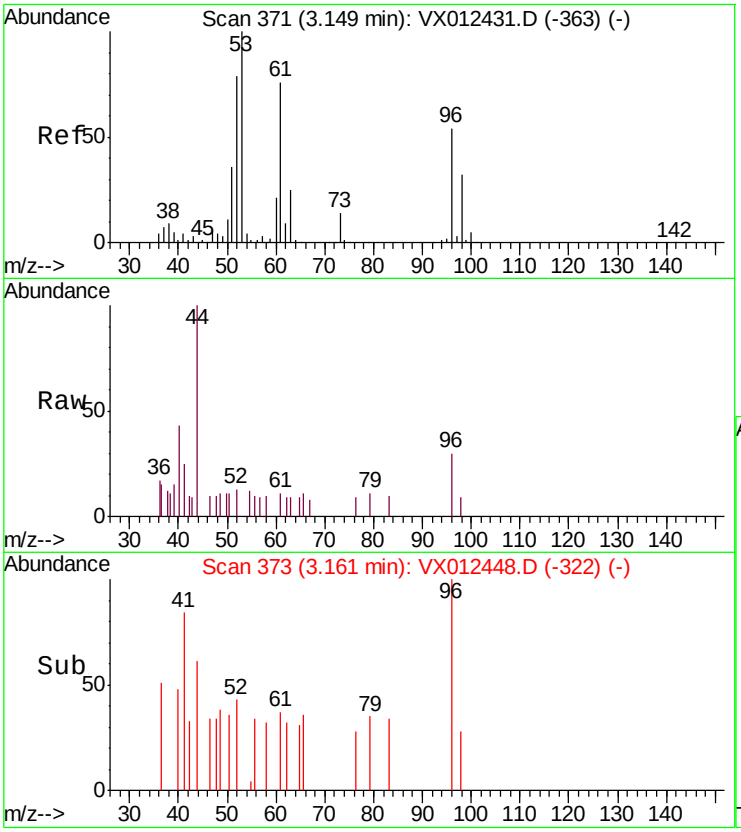


#17
Carbon Disulfide
Concen: 2.029 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 76 Resp: 340

Ion	Ratio	Lower	Upper
76	100		
78	37.8	7.3	10.9#



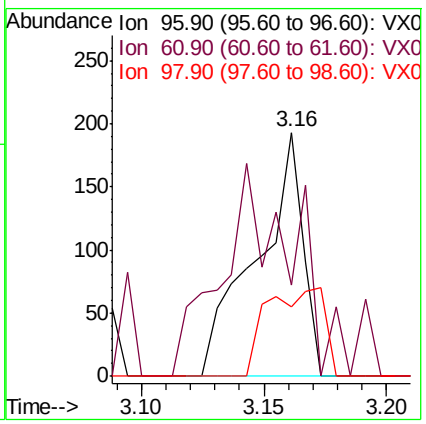


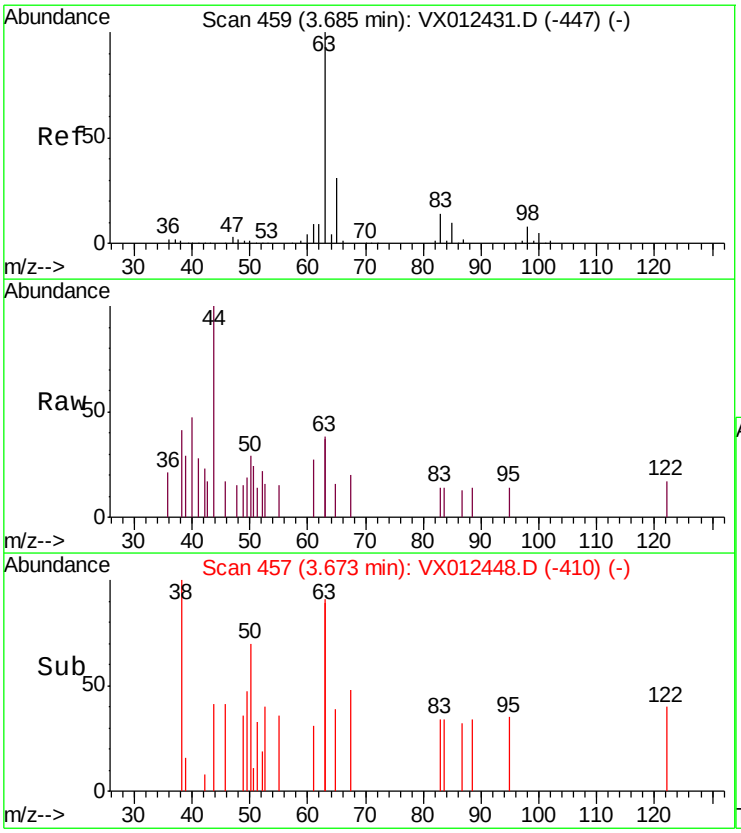
#21
trans-1,2-Dichloroethene
Concen: 0.236 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 96 Resp: 255

Ion	Ratio	Lower	Upper
96	100		
61	8.8	112.0	168.0#
98	28.5	47.8	71.8#

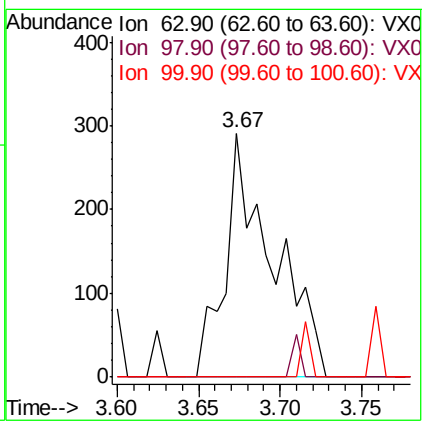


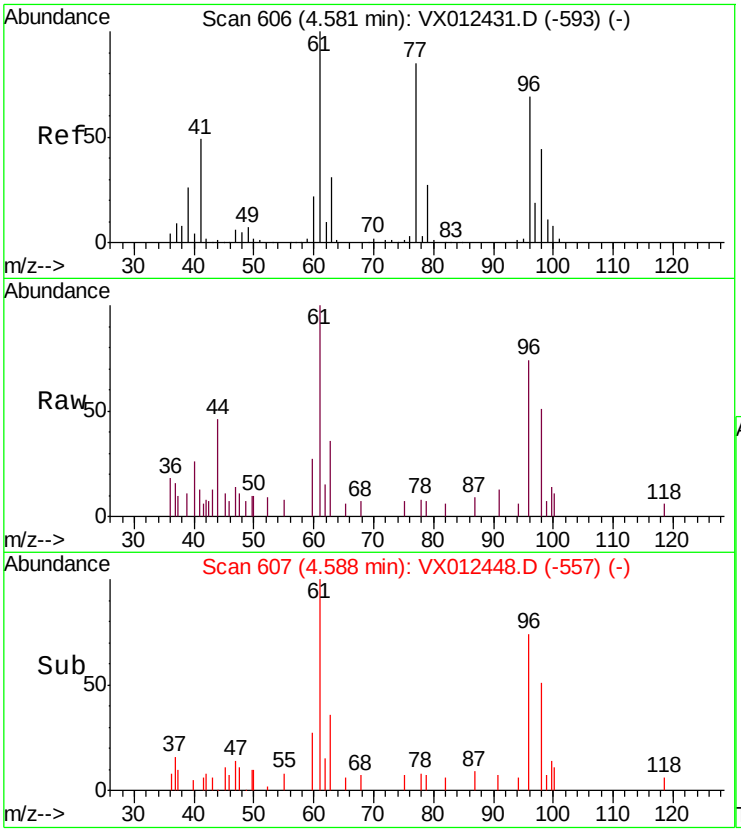


#24
1,1-Dichloroethane
Concen: 0.216 ug/l
RT: 3.67 min Scan# 457
Delta R.T. -0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 63 Resp: 587

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



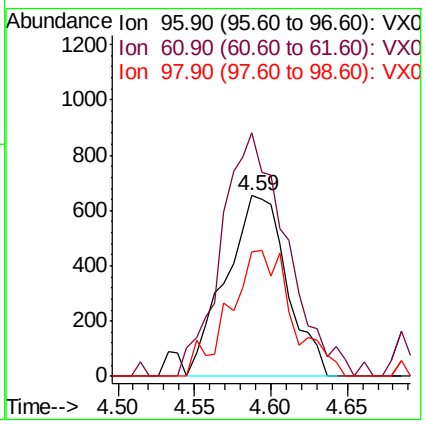


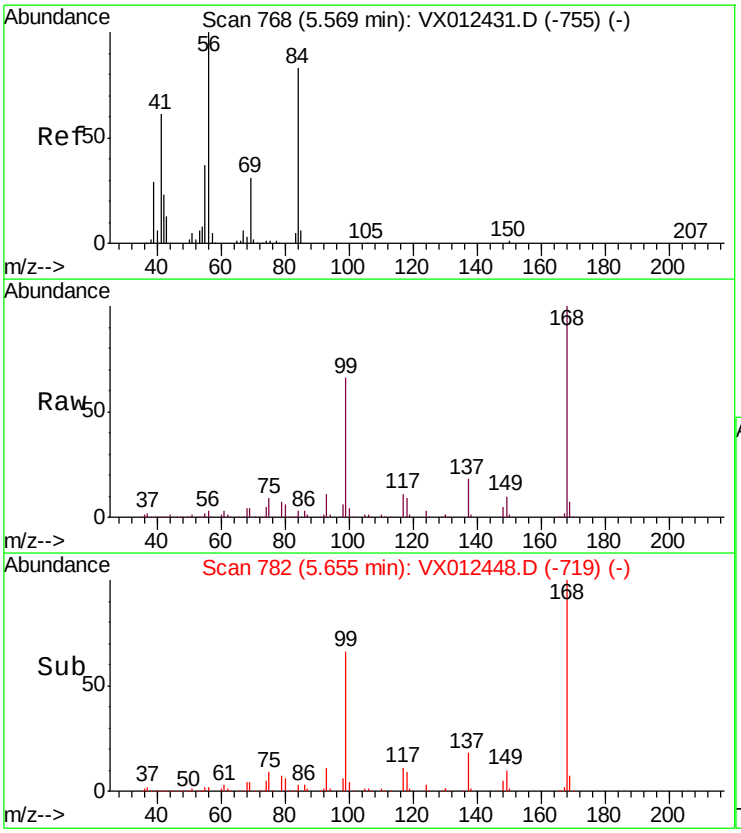
#27
cis-1,2-Dichloroethene
Concen: 1.124 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 96 Resp: 1816

Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	319.4
98	71.7	0.0	130.6

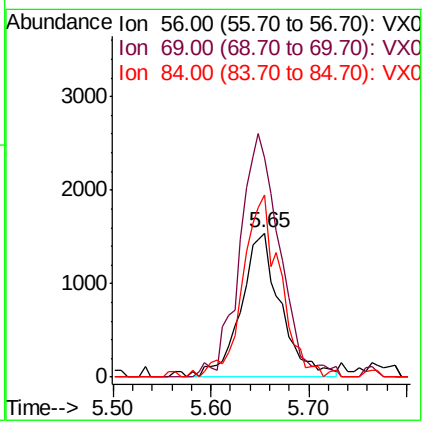


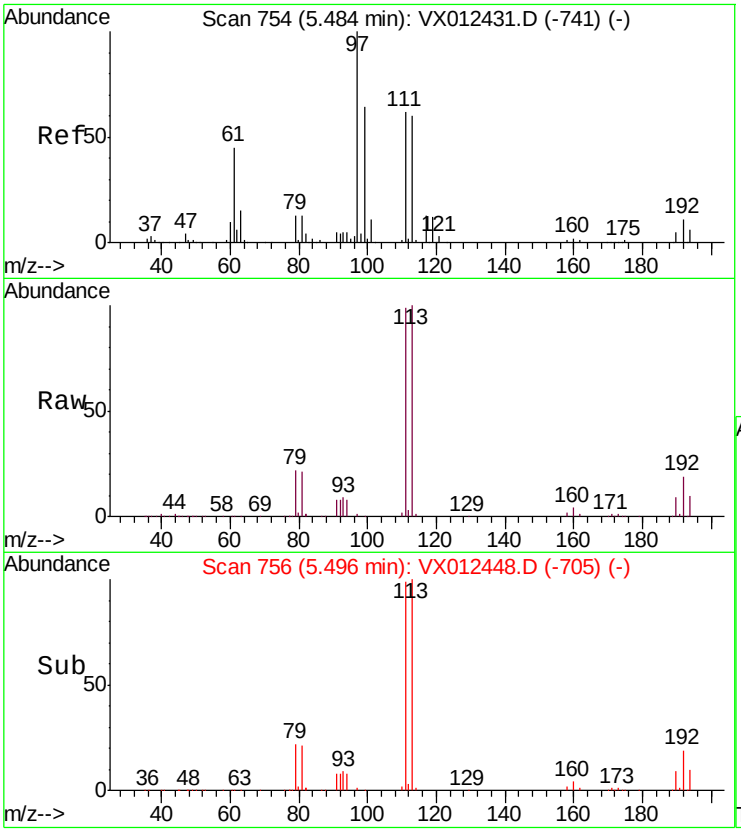


#31
Cyclohexane
Concen: 2.653 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 56 Resp: 4351

Ion	Ratio	Lower	Upper
56	100		
69	152.4	25.0	37.6#
84	126.3	66.4	99.6#



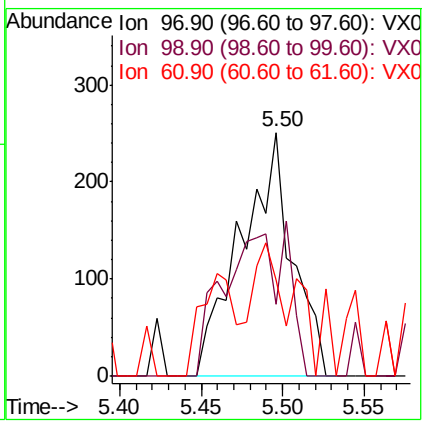


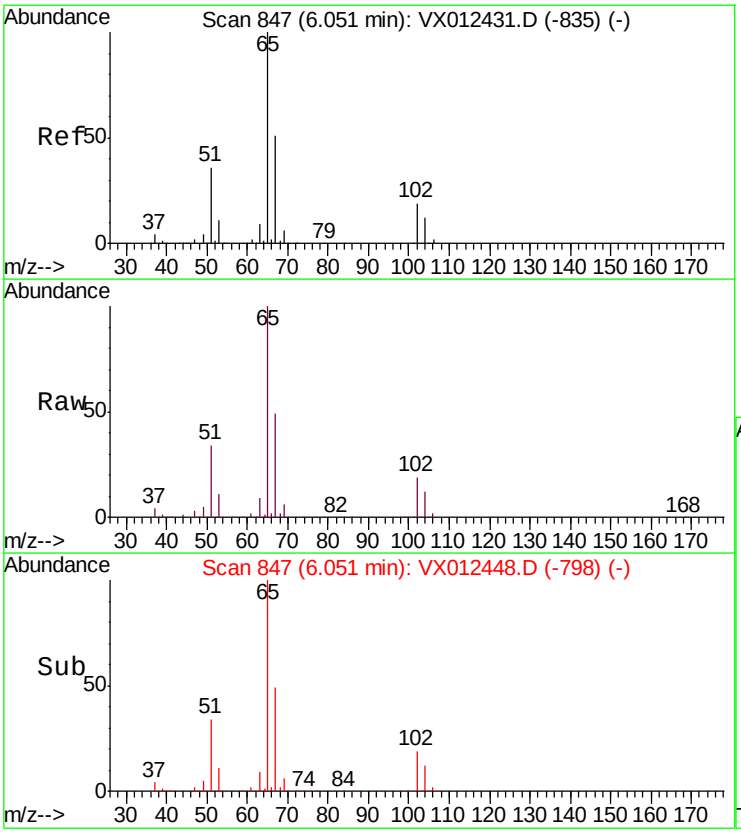
#32
1,1,1-Trichloroethane
Concen: 0.209 ug/l
RT: 5.50 min Scan# 756
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 97 Resp: 545

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	43.3	36.1	54.1

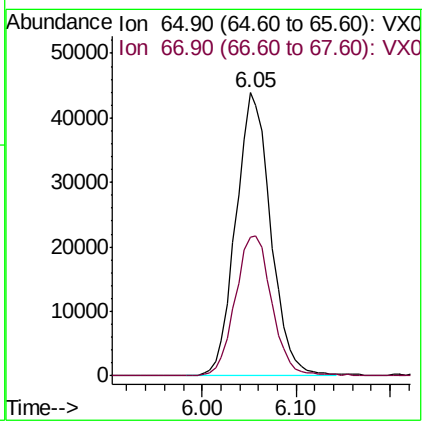


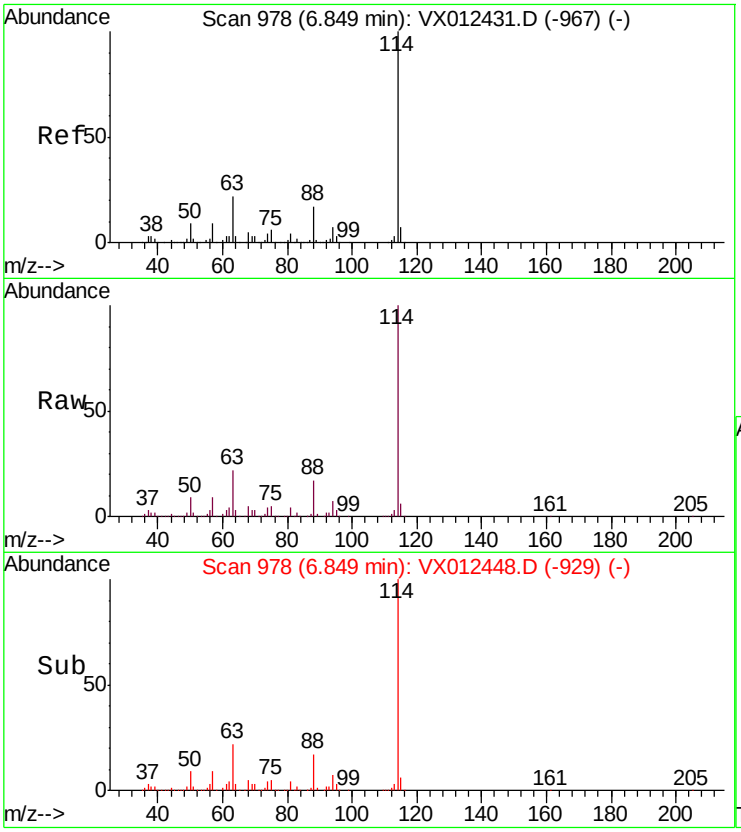


#33
1,2-Dichloroethane-d4
Concen: 47.846 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 65 Resp: 113613

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.2



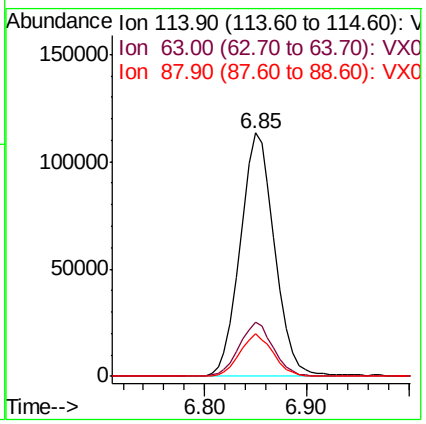


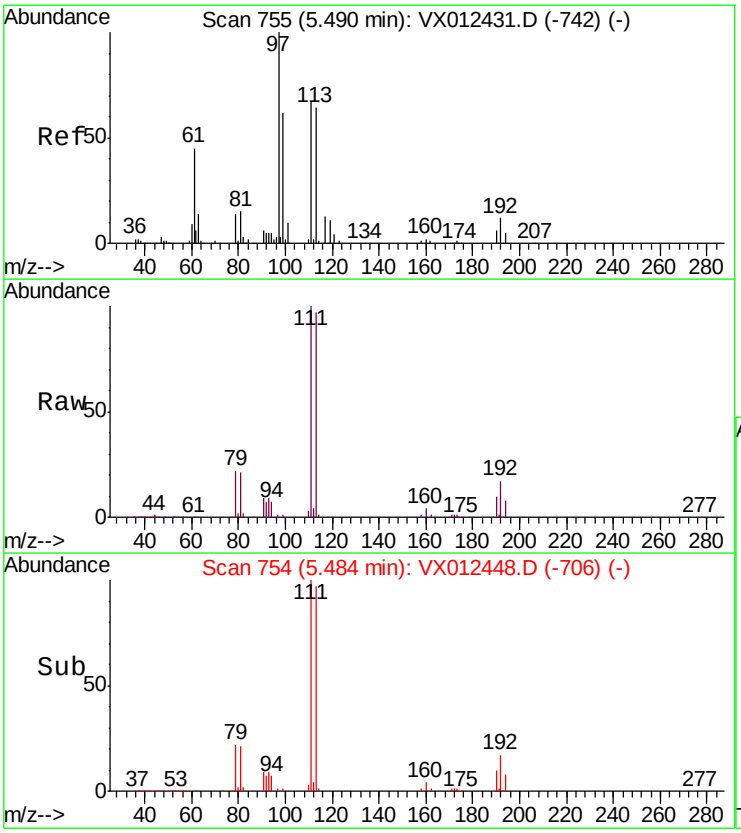
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion:114 Resp: 265060

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.2
88	17.4	0.0	33.2

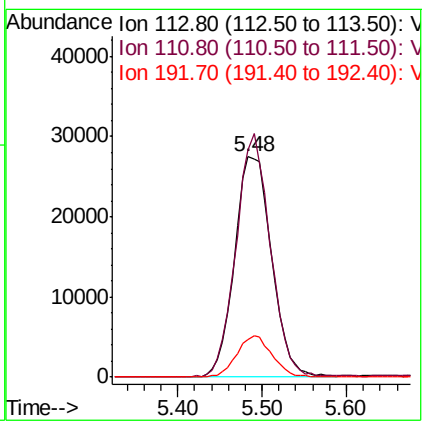


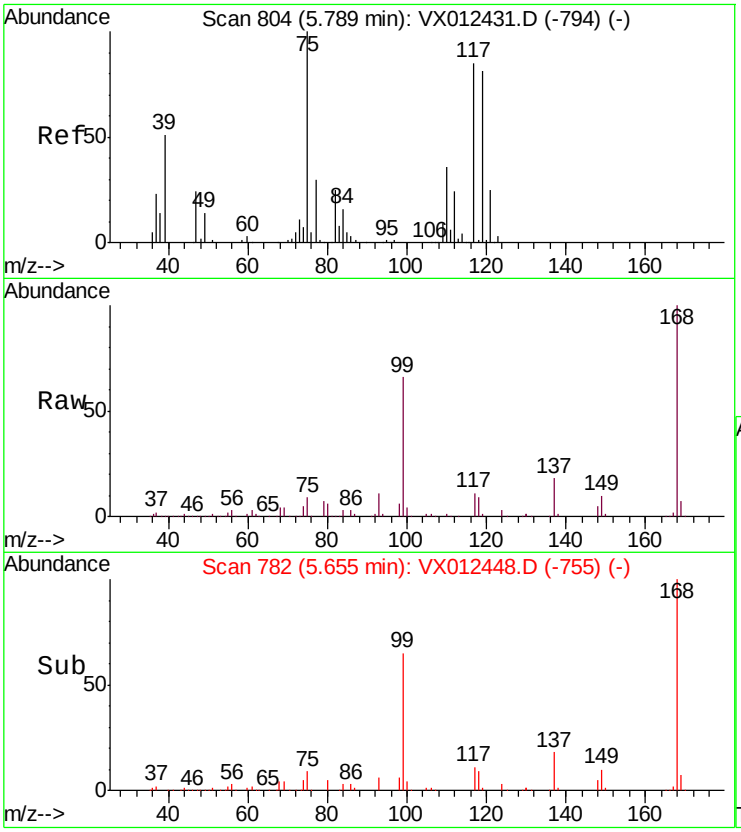


#35
Dibromofluoromethane
Concen: 51.186 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion:113 Resp: 82117

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.2
192	17.9	14.4	21.6



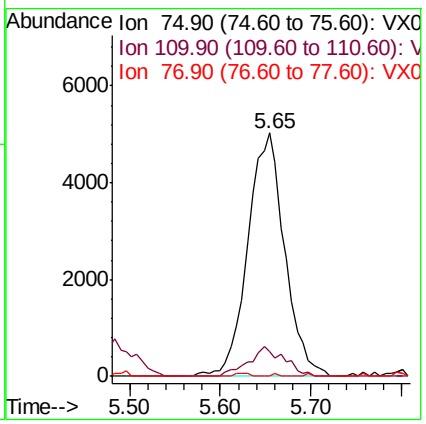


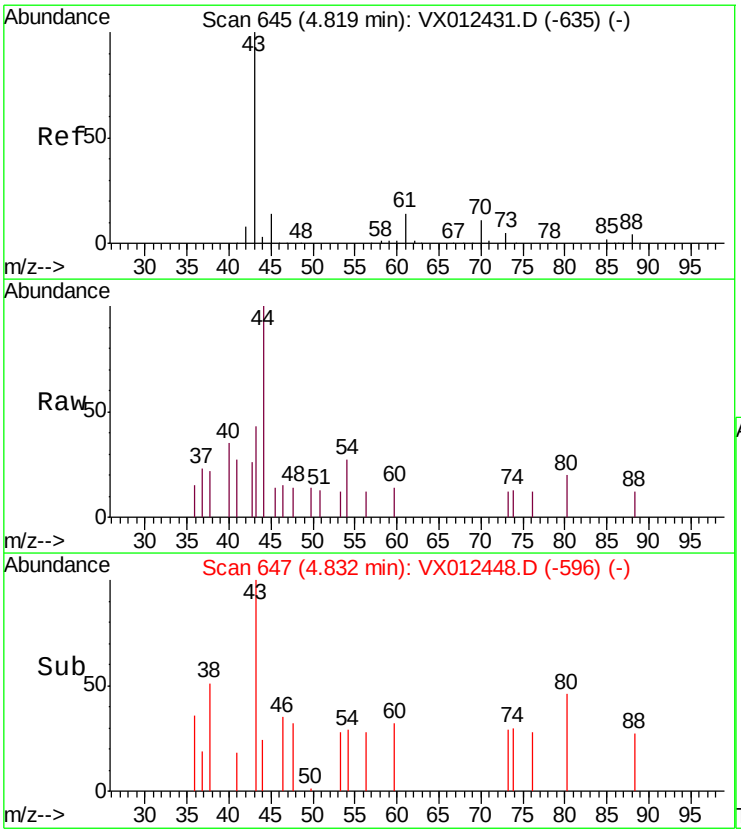
#36
1,1-Dichloropropene
Concen: 8.762 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 75 Resp: 14115

Ion	Ratio	Lower	Upper
75	100		
110	11.8	16.7	50.0#
77	0.2	24.2	36.2#

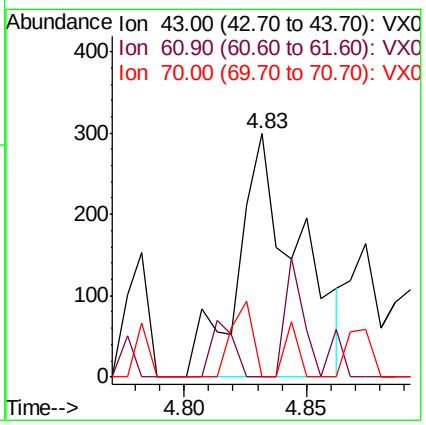


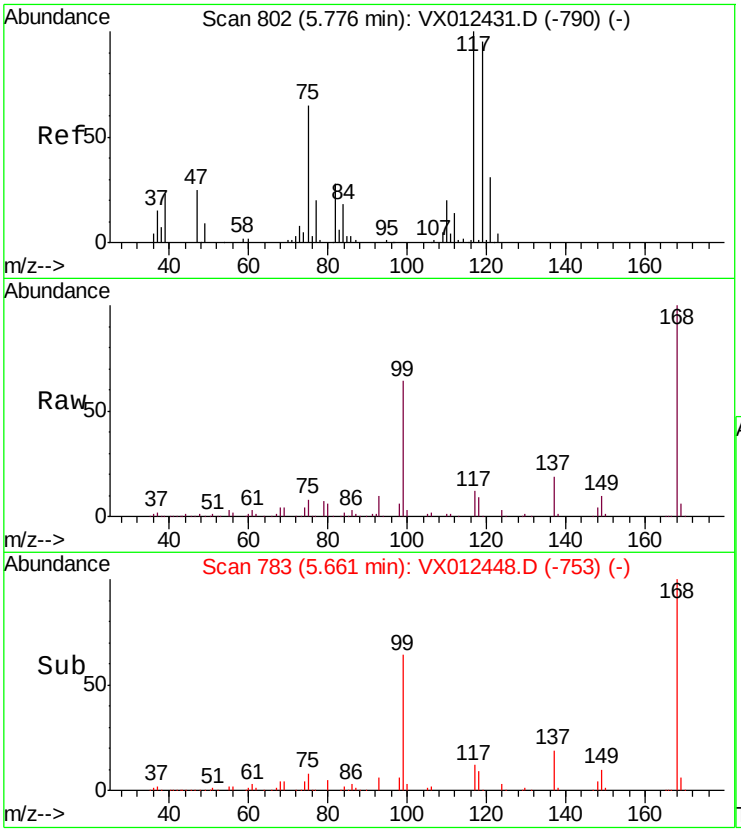


#37
Ethyl Acetate
Concen: 0.208 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 43 Resp: 515

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.4#
70	10.9	8.7	13.1



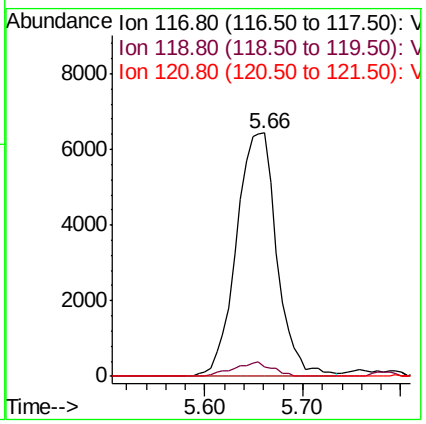


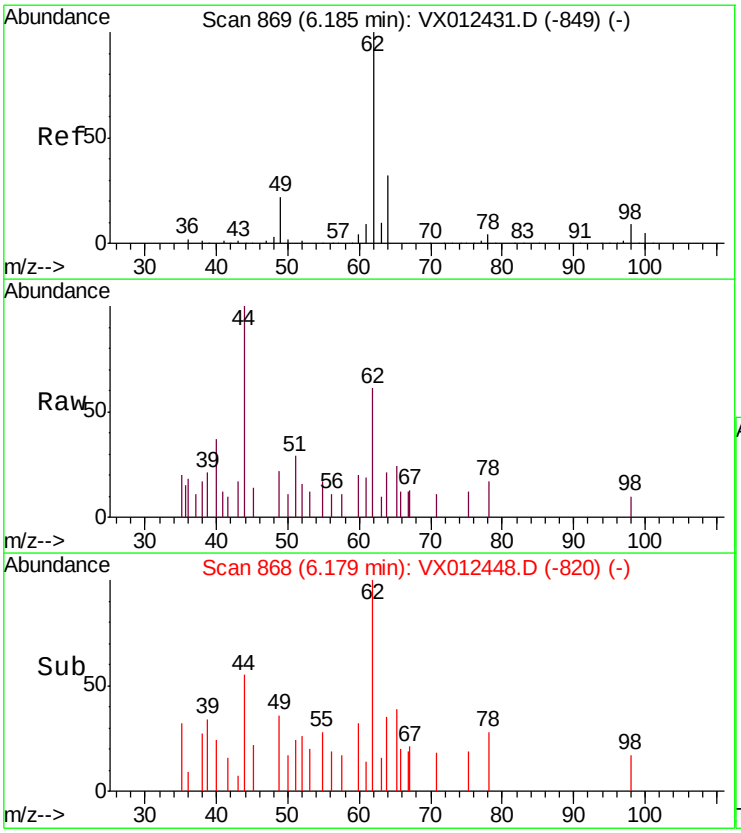
#38
Carbon Tetrachloride
Concen: 9.227 ug/l
RT: 5.66 min Scan# 783
Delta R.T. -0.12 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion:117 Resp: 18487

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.7	113.5#
121	0.0	24.2	36.4#

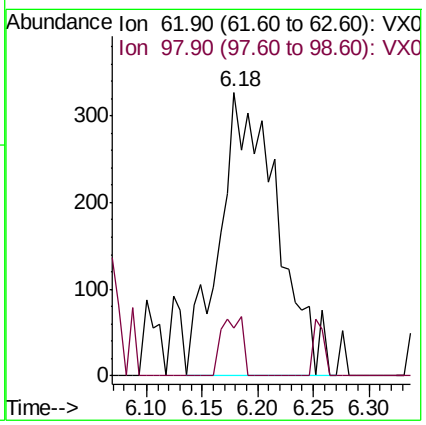


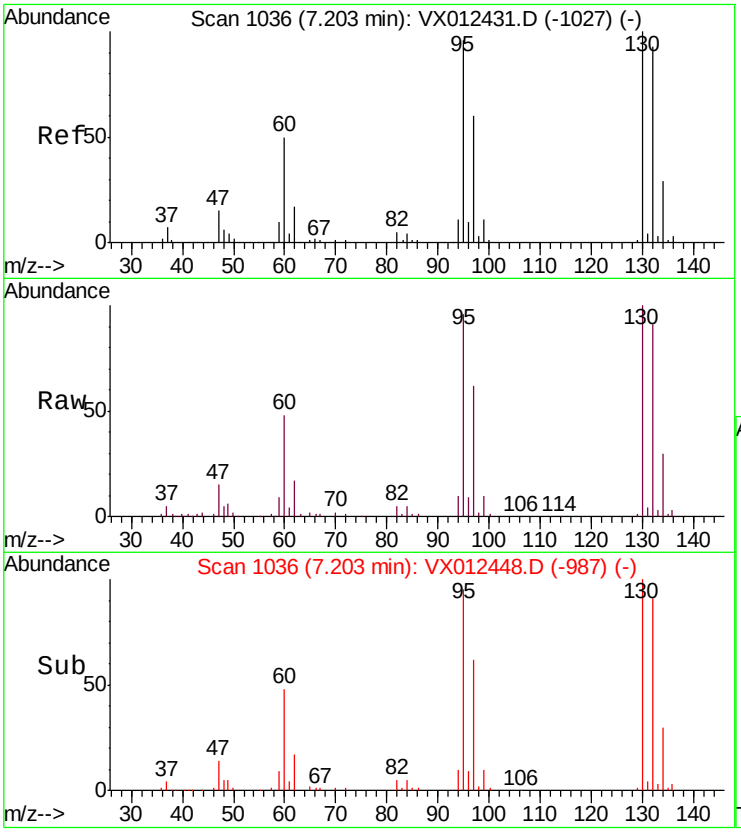


#42
1,2-Dichloroethane
Concen: 0.495 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 62 Resp: 1176

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	17.8



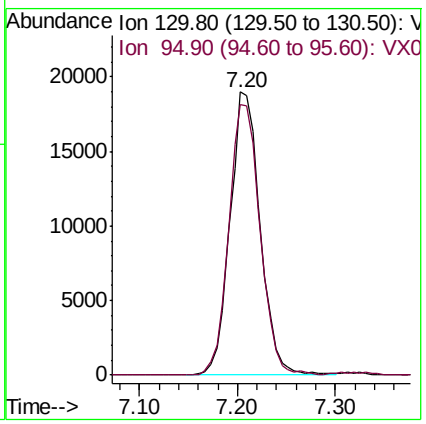


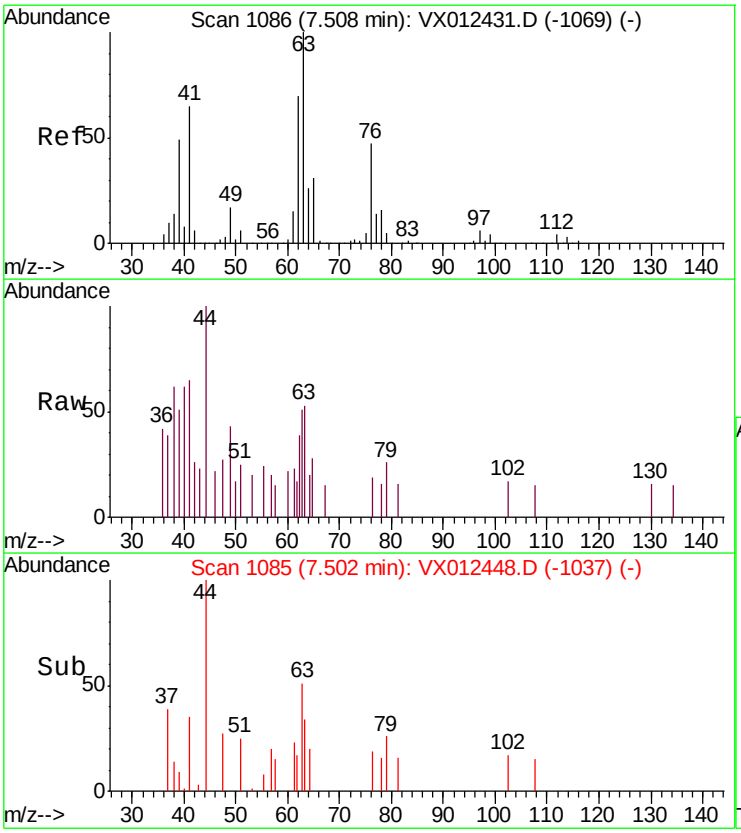
#44
Trichloroethene
Concen: 30.142 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion:130 Resp: 40617

Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	193.0

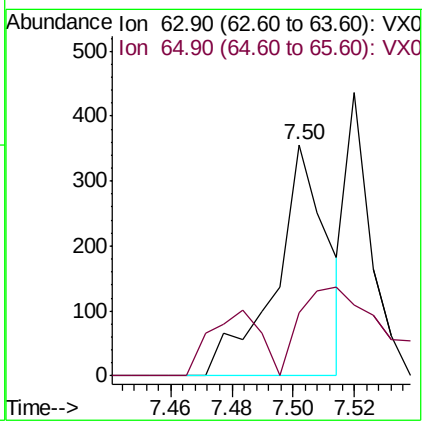


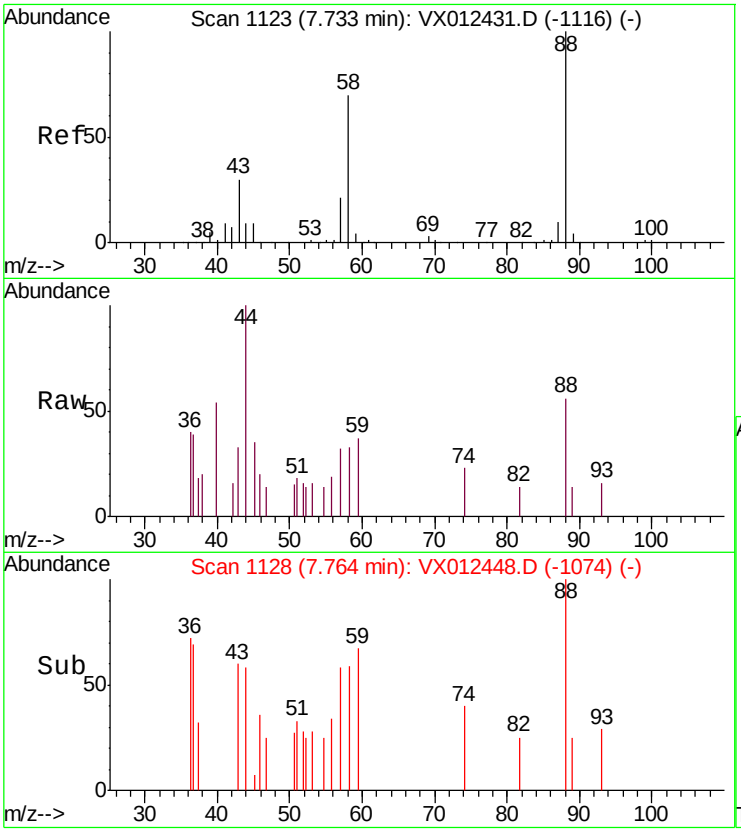


#45
1,2-Dichloropropane
Concen: 0.267 ug/l
RT: 7.50 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 63 Resp: 420

Ion	Ratio	Lower	Upper
63	100		
65	27.2	25.0	37.6



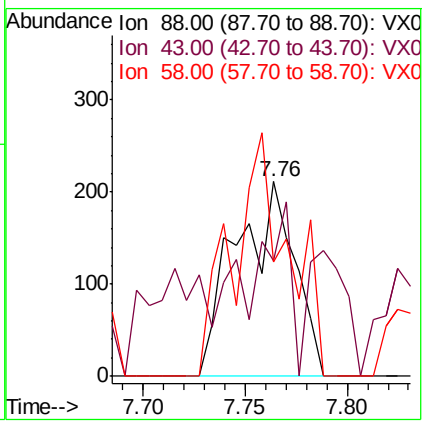


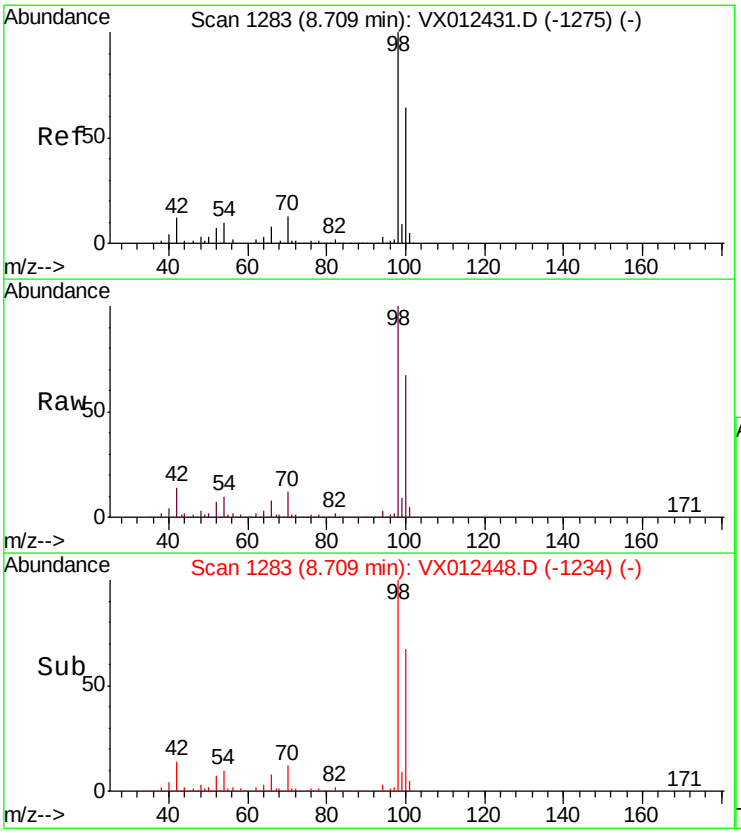
#49
1,4-Dioxane
Concen: 8.386 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.03 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 88 Resp: 427

Ion	Ratio	Lower	Upper
88	100		
43	39.6	29.4	44.0
58	115.9	57.5	86.3#

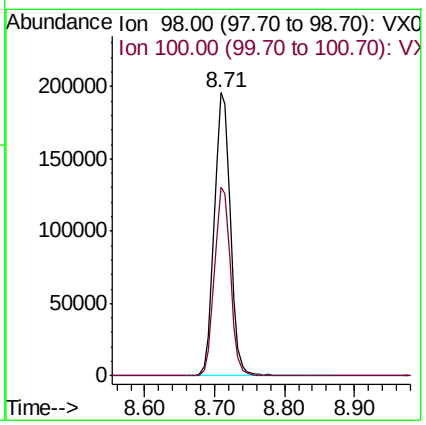


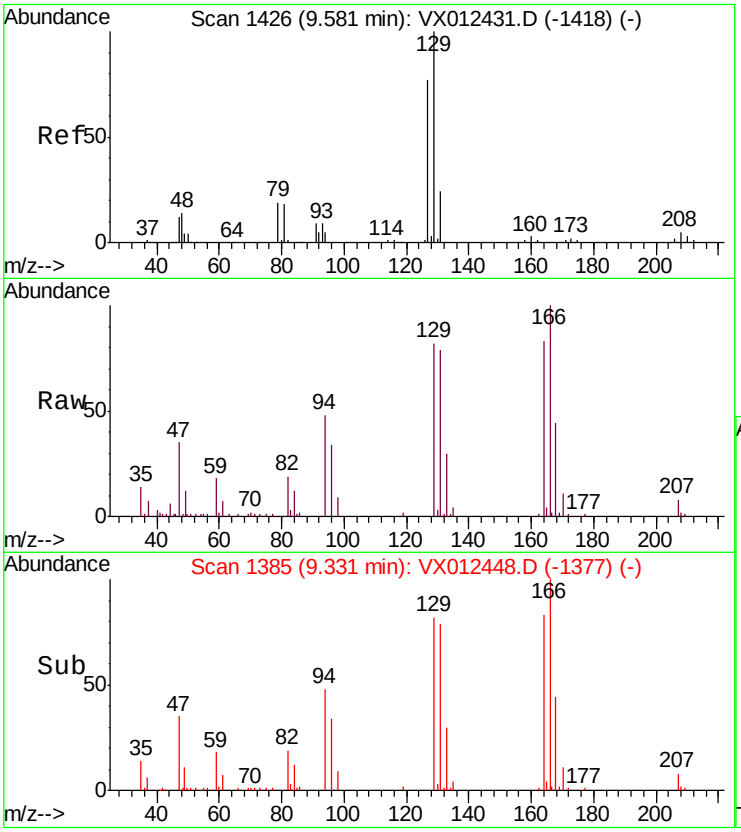


#50
Toluene-d8
Concen: 52.794 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 98 Resp: 313503

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.2



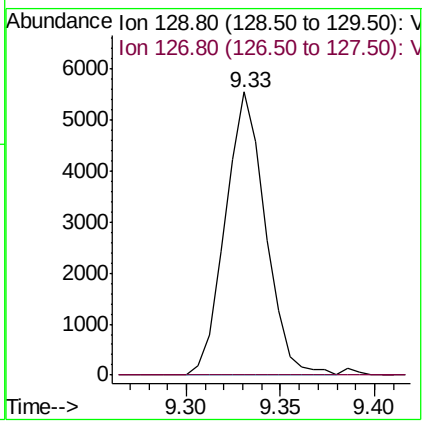


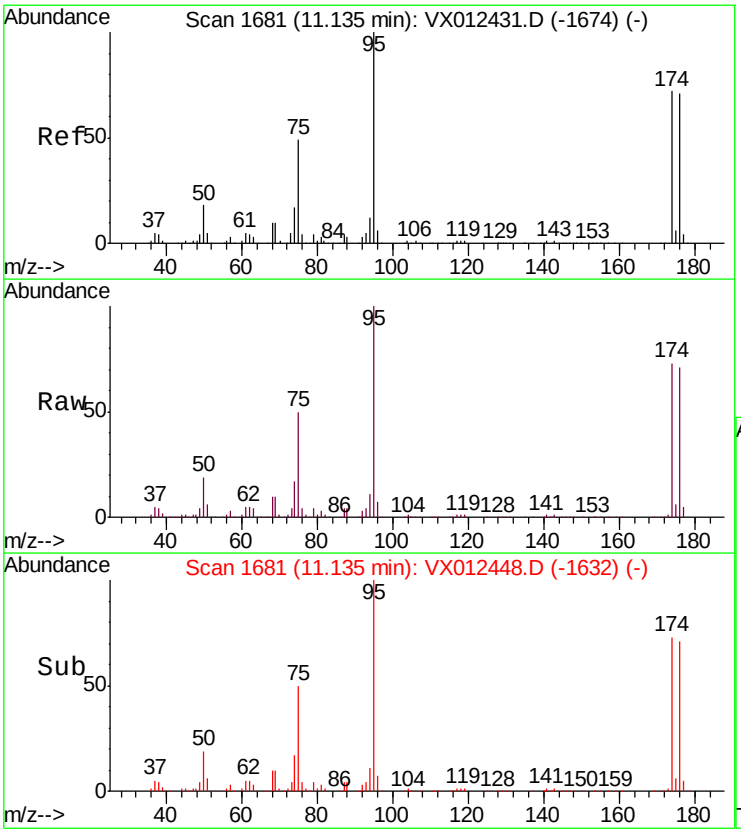
#60
Dibromochloromethane
Concen: 4.731 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion:129 Resp: 8195

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#

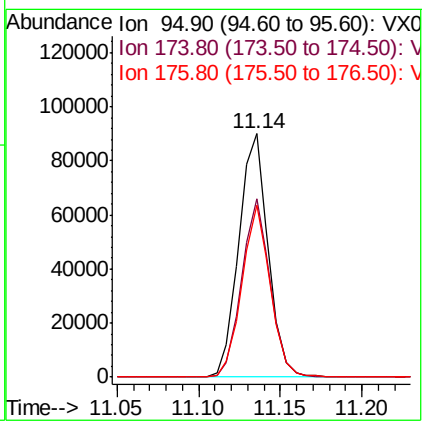


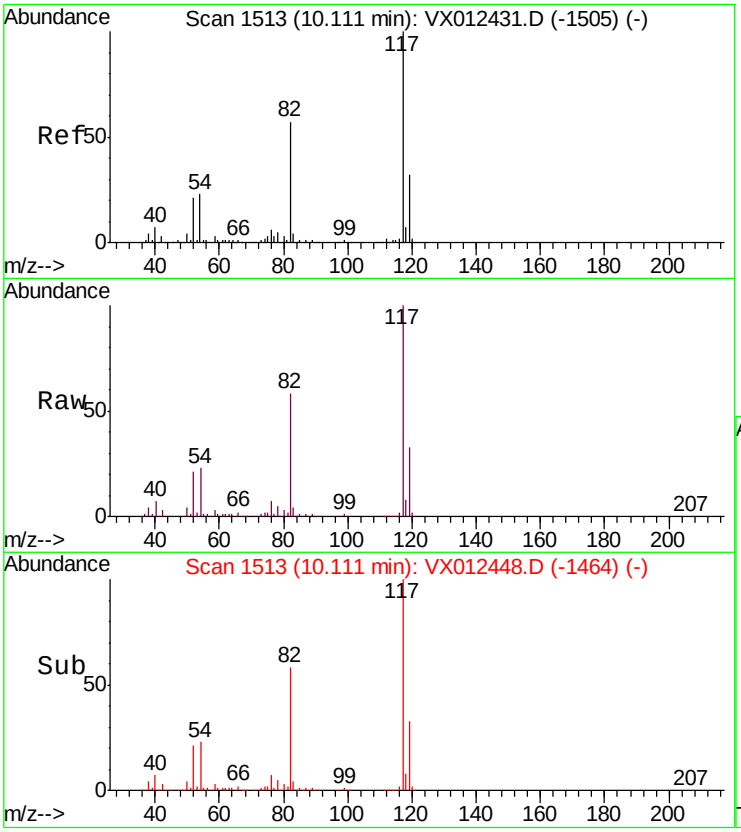


#62
4-Bromofluorobenzene
Concen: 45.676 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 95 Resp: 112619

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	140.0
176	68.6	0.0	135.4



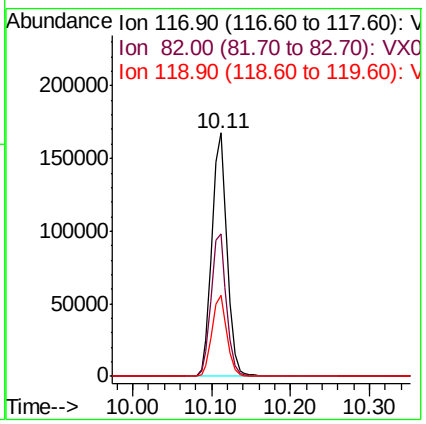


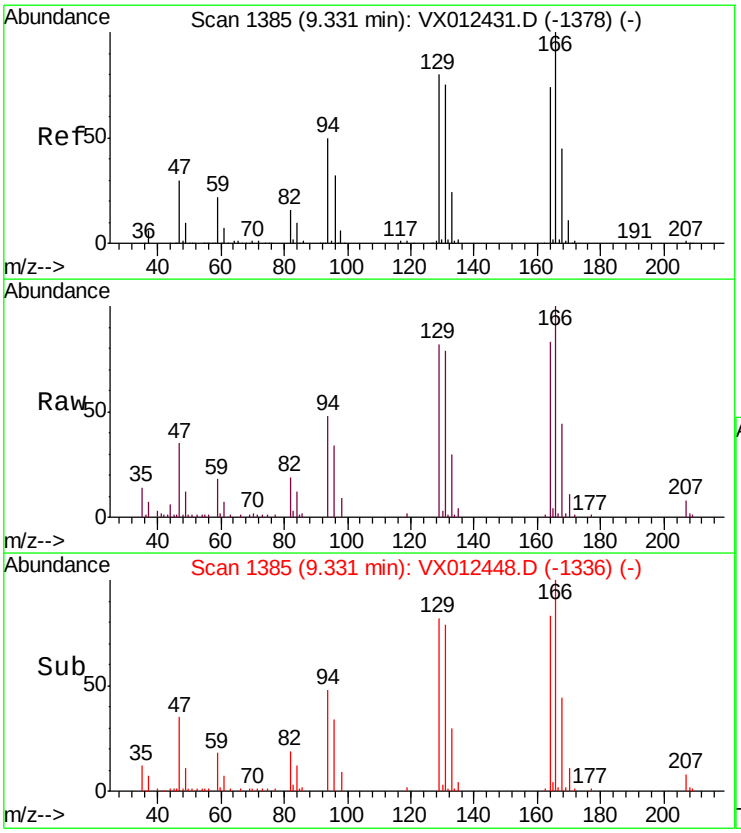
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument : MSVOA_X
ClientSampleId : DUP02-20190910

Tgt Ion:117 Resp: 226287

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.9	68.9
119	33.3	25.3	37.9

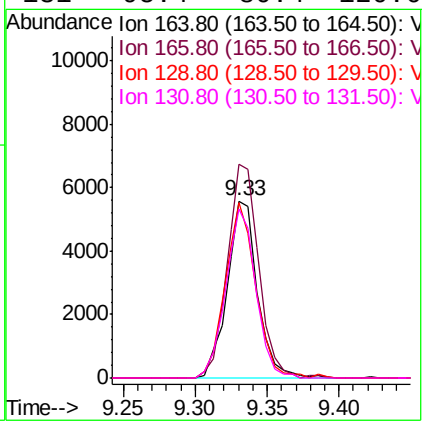


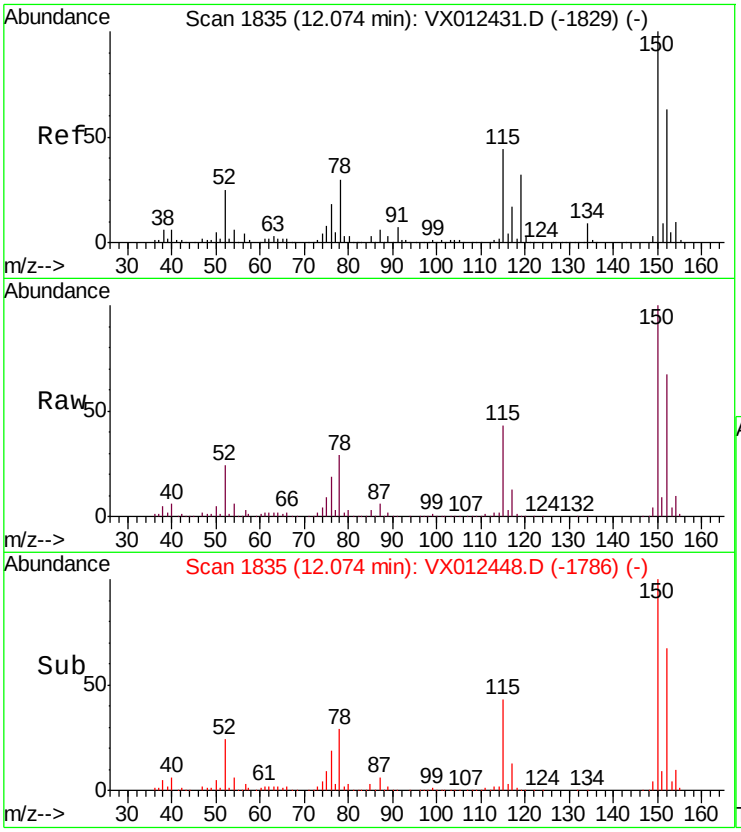


#64
Tetrachloroethene
Concen: 7.917 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion:164 Resp: 8209

Ion	Ratio	Lower	Upper
164	100		
166	120.9	107.8	161.6
129	99.6	86.2	129.2
131	95.4	80.4	120.6



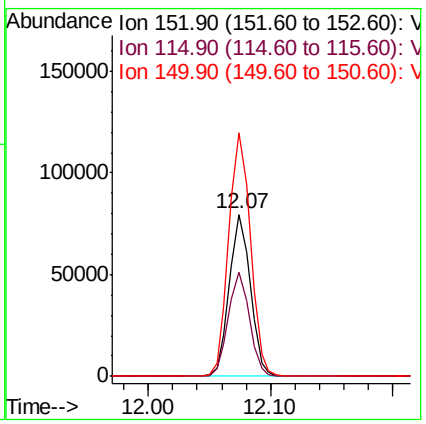


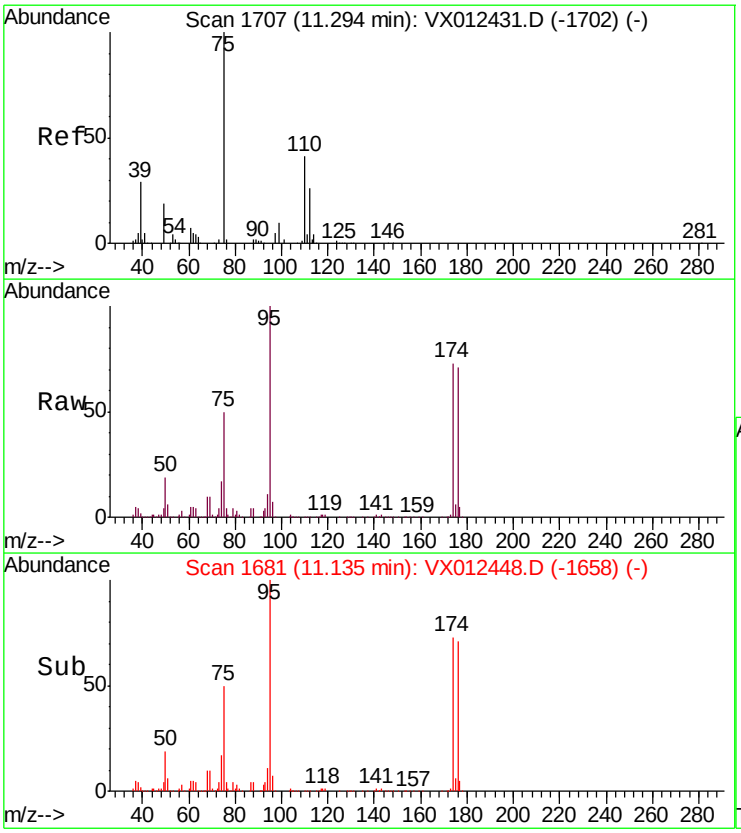
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion:152 Resp: 94714

Ion	Ratio	Lower	Upper
152	100		
115	64.5	44.1	132.3
150	154.9	0.0	343.8

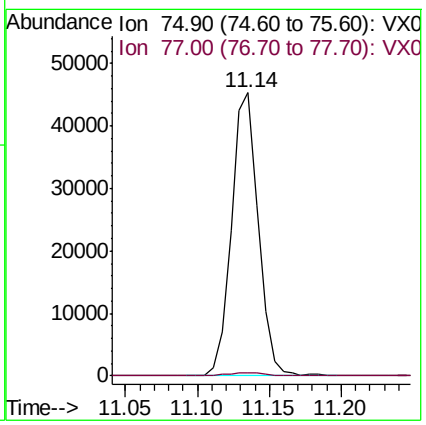


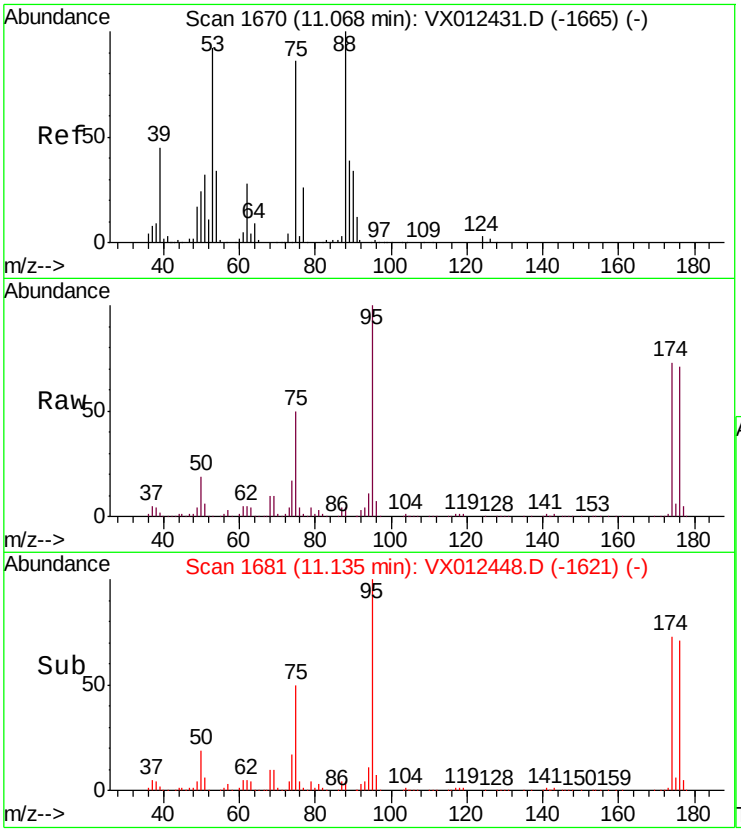


#76
1,2,3-Trichloropropane
Concen: 27.169 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion: 75 Resp: 59111

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.7	59.0#



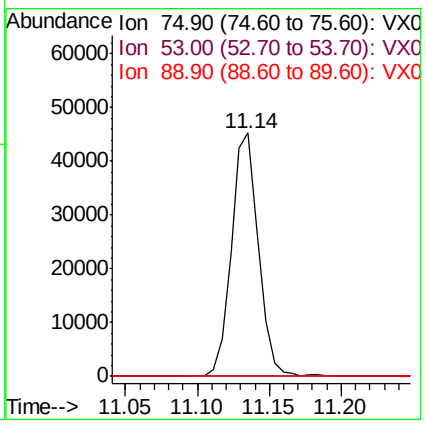


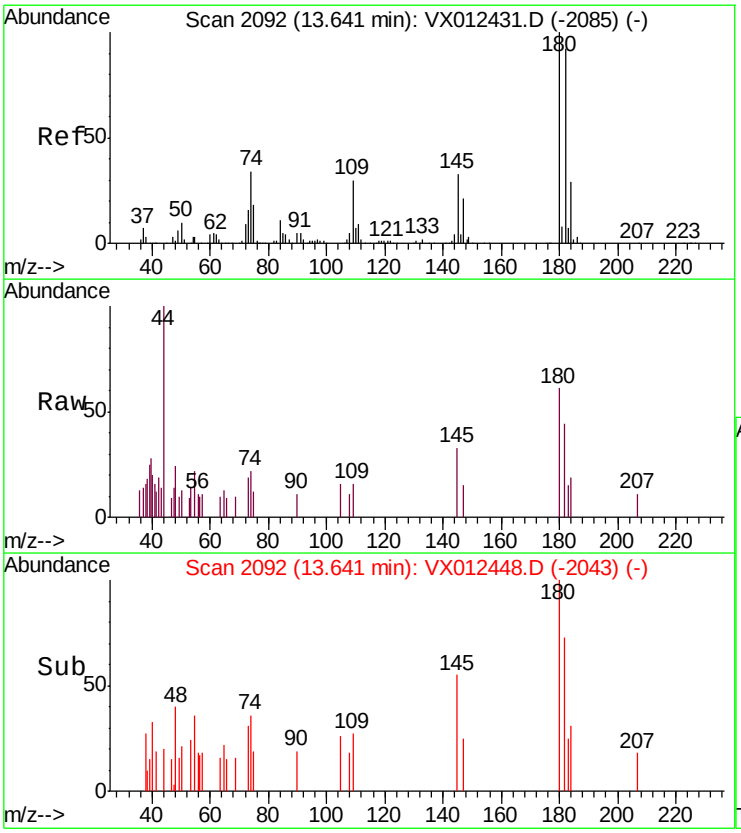
#81
trans-1,4-Dichloro-2-butene
Concen: 73.067 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910

Tgt Ion: 75 Resp: 59111

Ion	Ratio	Lower	Upper
75	100		
53	0.4	83.6	125.4#
89	0.1	36.3	54.5#





#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012448.D
Acq: 17 Sep 2019 21:50

Tgt Ion:180 Resp: 392

Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.0	141.0
145	40.1	16.8	50.4