Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
Data File : VX012641.D
Acq On : 24 Sep 2019 18:27
Operator : JC/SP
Sample : K5013-05RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0545RE

Quant Time: Sep 25 04:38:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116331	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.94%			
35) Dibromofluoromethane	5.49	113	84036	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
50) Toluene-d8	8.71	98	326752	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.54%			
62) 4-Bromofluorobenzene	11.14	95	103984	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.80%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	685	0.332	ug/l #	74
4) Vinyl Chloride	1.40	62	4121	2.008	ug/l	94
5) Bromomethane	1.64	94	211	0.261	ug/l #	70
6) Chloroethane	1.69	64	615	0.444	ug/l #	45
11) Tert butyl alcohol	3.04	59	353	0.607	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	956	0.556	ug/l	90
13) Acrolein	2.27	56	184	10.778	ug/l #	1
16) Acetone	2.43	43	5527	4.482	ug/l	99
18) Methyl Acetate	2.59	43	11832	4.075	ug/l #	54
21) trans-1,2-Dichloroethene	3.16	96	6575	3.453	ug/l	96
24) 1,1-Dichloroethane	3.69	63	17165	4.792	ug/l	98
25) 2-Butanone	4.69	43	585	0.331	ug/l #	51
27) cis-1,2-Dichloroethene	4.59	96	30714	13.900	ug/l	85
31) Cyclohexane	5.65	56	4219	1.302	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13990	5.274	ug/l #	52
38) Carbon Tetrachloride	5.65	117	18837	6.991	ug/l #	16
44) Trichloroethene	7.21	130	1471	0.737	ug/l	75
49) 1,4-Dioxane	7.74	88	54	0.957	ug/l #	1
51) 4-Methyl-2-Pentanone	8.71	43	1391	0.435	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	54162	25.175	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	54162	72.146	ug/l #	8

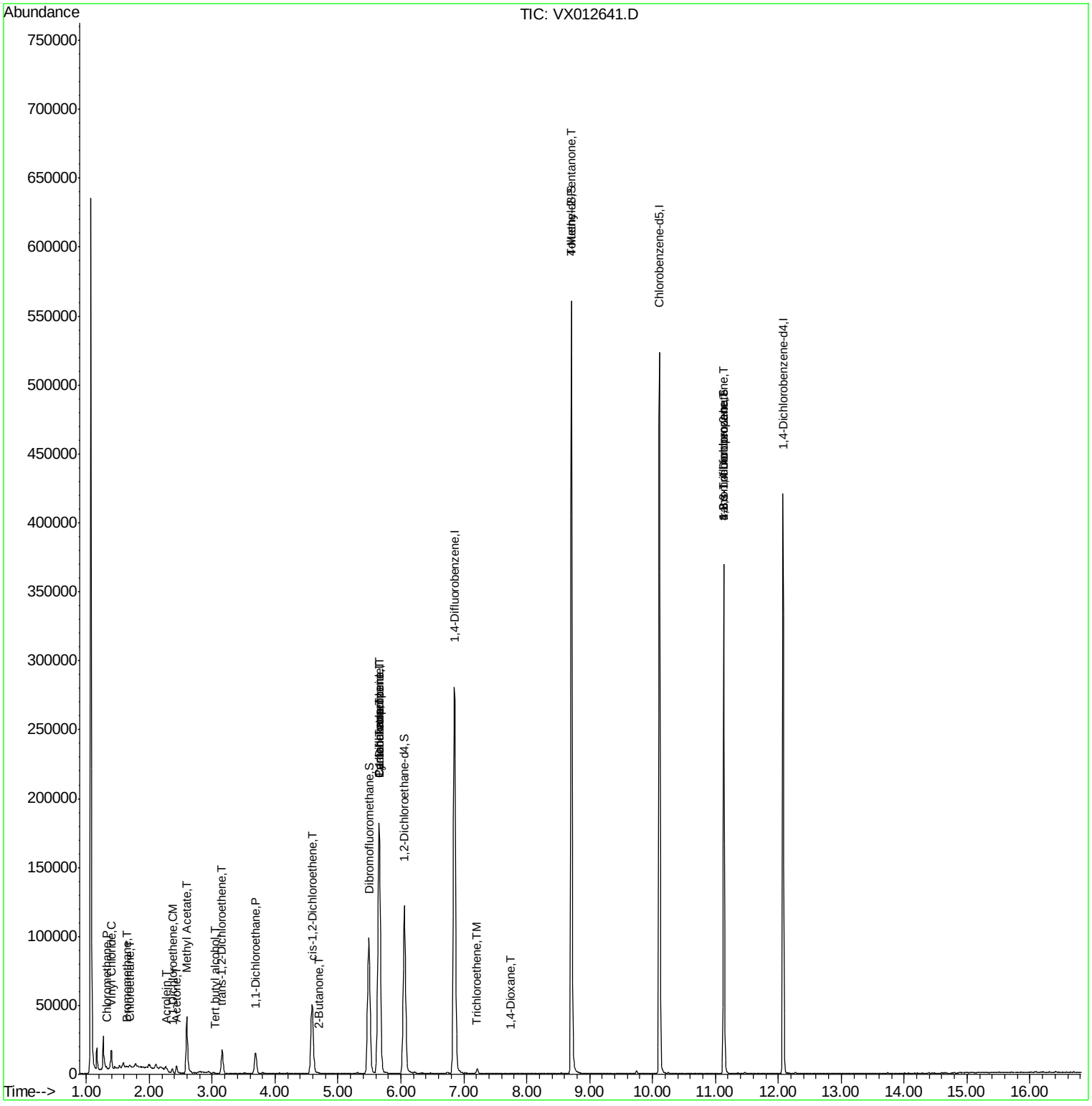
(#) = qualifier out of range (m) = manual integration (+) = signals summed

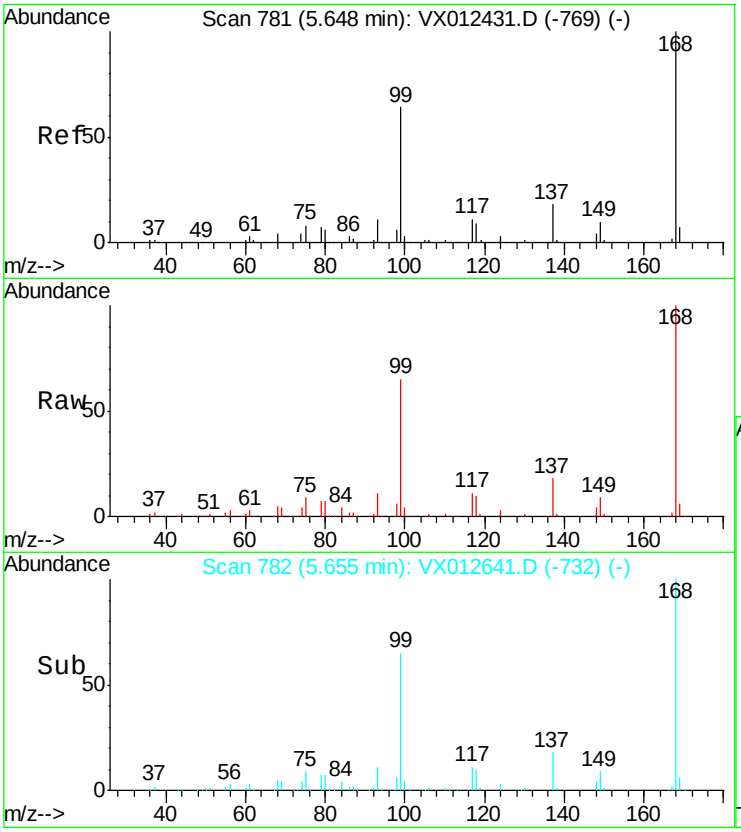
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
Data File : VX012641.D
Acq On : 24 Sep 2019 18:27
Operator : JC/SP
Sample : K5013-05RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Quant Time: Sep 25 04:38:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



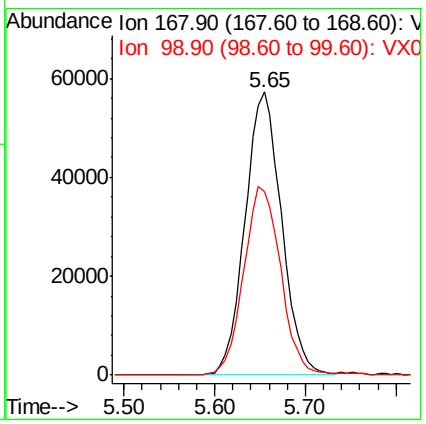


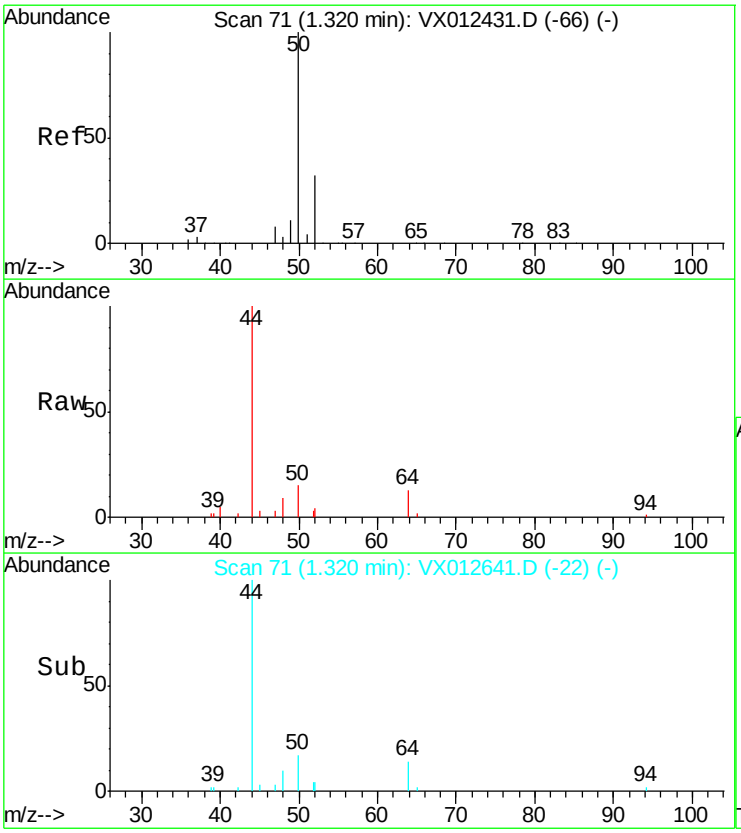
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion:168 Resp: 159873

Ion	Ratio	Lower	Upper
168	100		
99	64.8	51.4	77.2

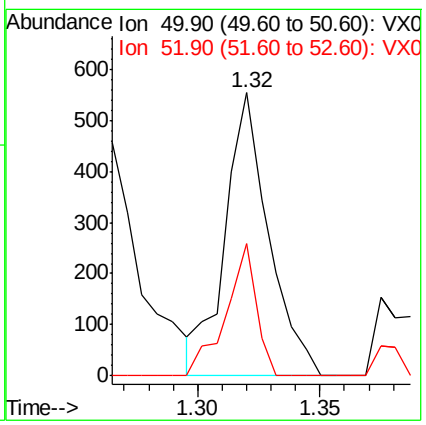


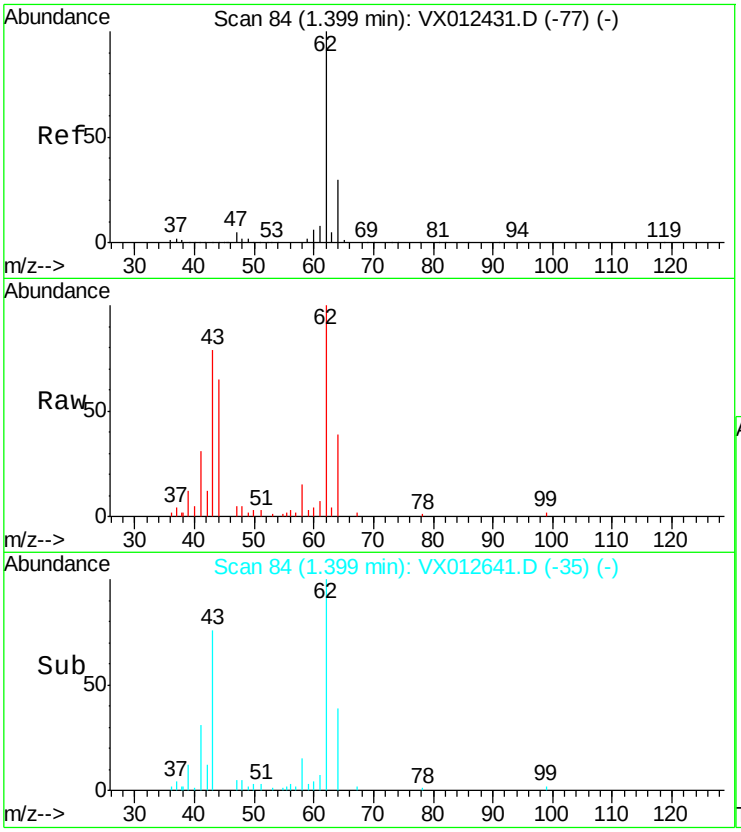


#3
Chloromethane
Concen: 0.332 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 50 Resp: 685

Ion	Ratio	Lower	Upper
50	100		
52	46.8	25.7	38.5#



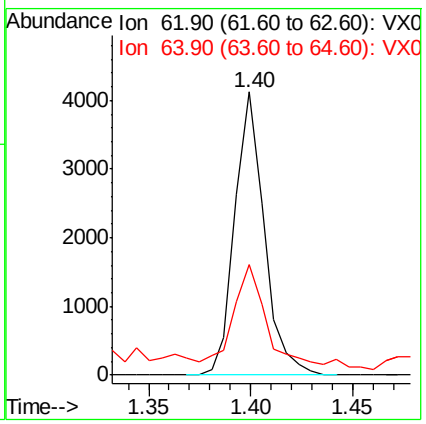


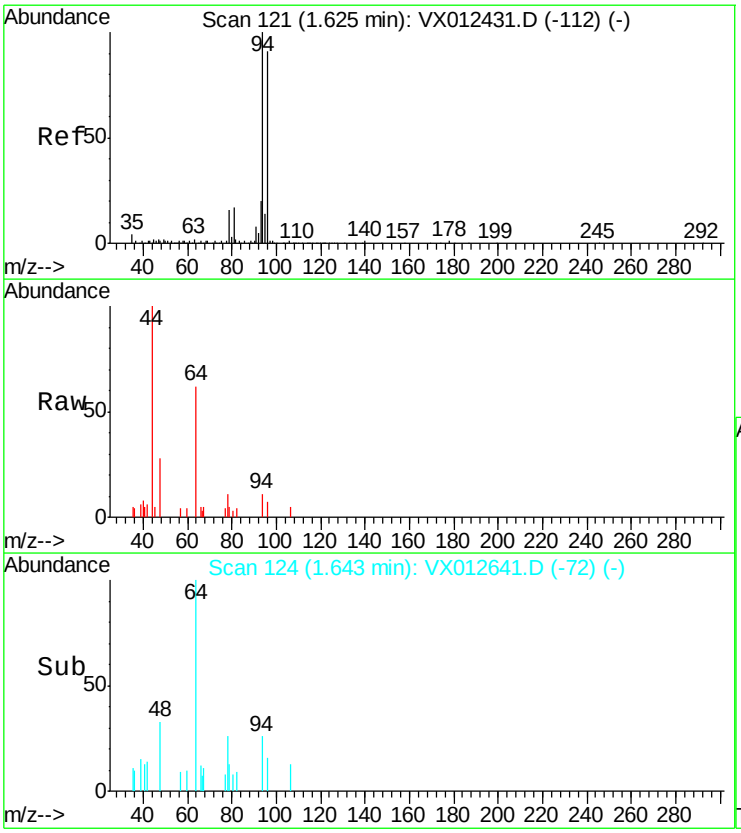
#4
Vinyl Chloride
Concen: 2.008 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 62 Resp: 4121

Ion	Ratio	Lower	Upper
62	100		
64	33.6	24.2	36.2

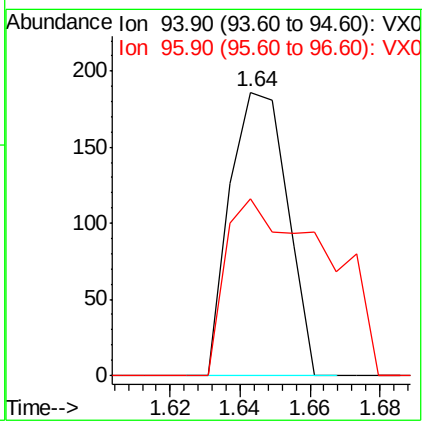


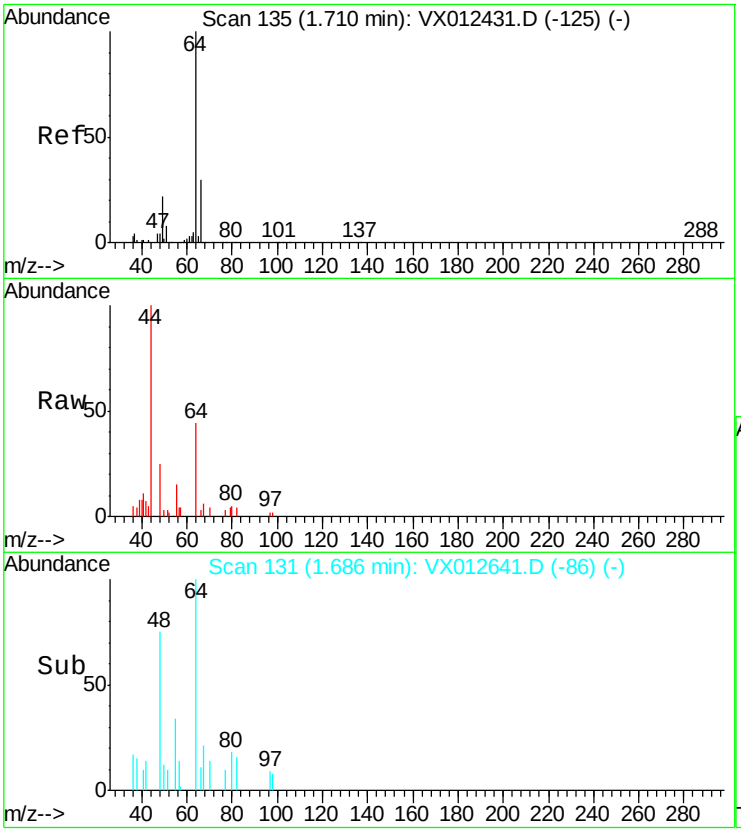


#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 94 Resp: 211

Ion	Ratio	Lower	Upper
94	100		
96	62.4	72.8	109.2#



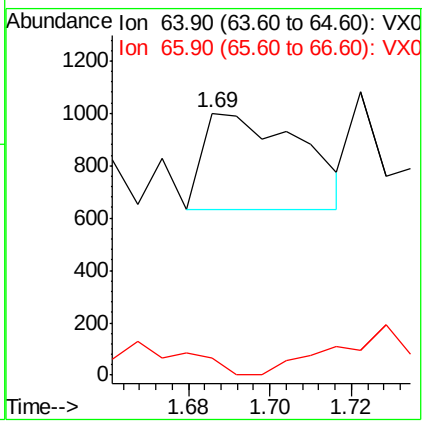


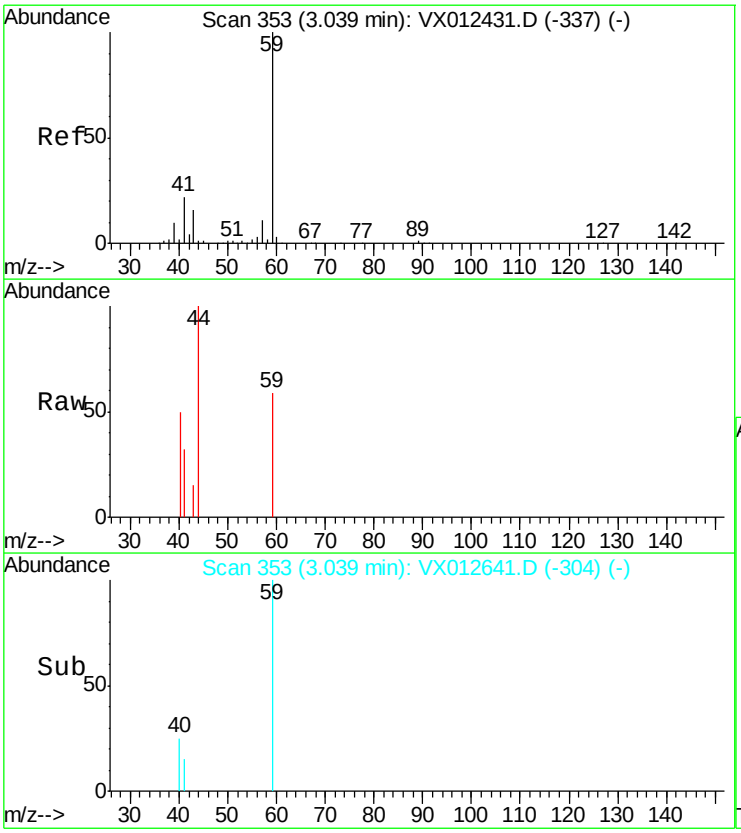
#6
Chloroethane
Concen: 0.444 ug/l
RT: 1.69 min Scan# 131
Delta R.T. -0.02 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 64 Resp: 615

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#

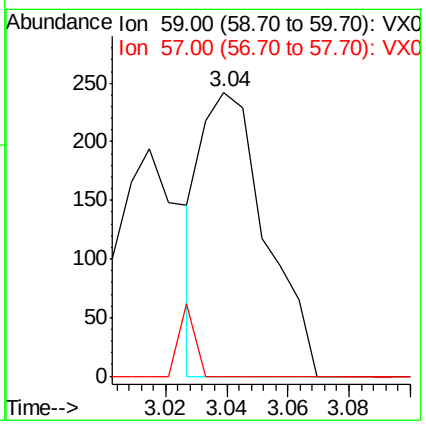


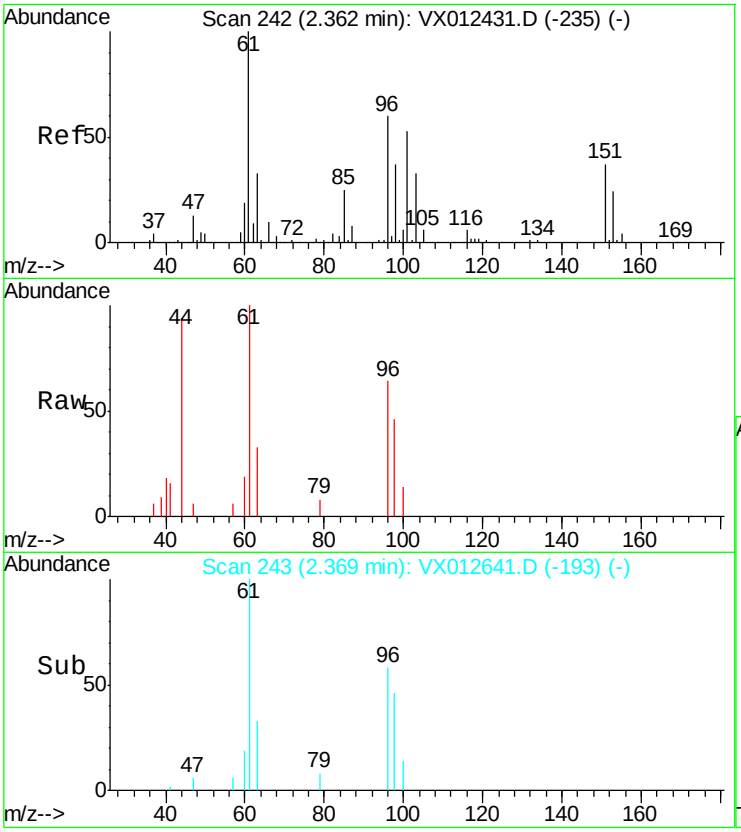


#11
Tert butyl alcohol
Concen: 0.607 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 59 Resp: 353

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



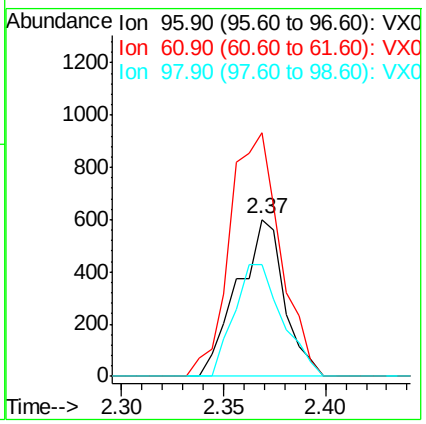


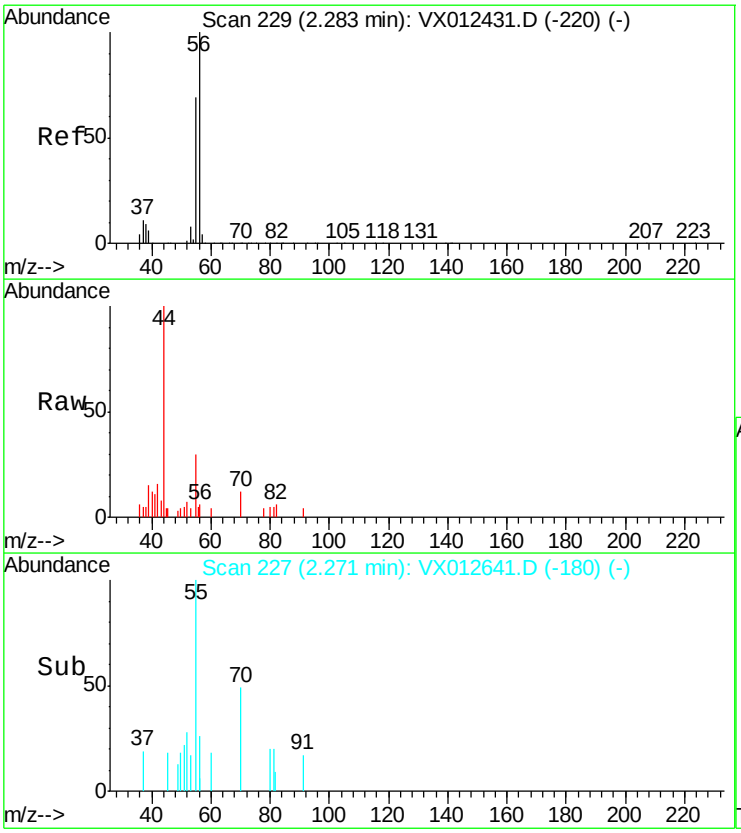
#12
1,1-Dichloroethene
Concen: 0.556 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 96 Resp: 956

Ion	Ratio	Lower	Upper
96	100		
61	155.3	133.8	200.6
98	71.5	49.9	74.9

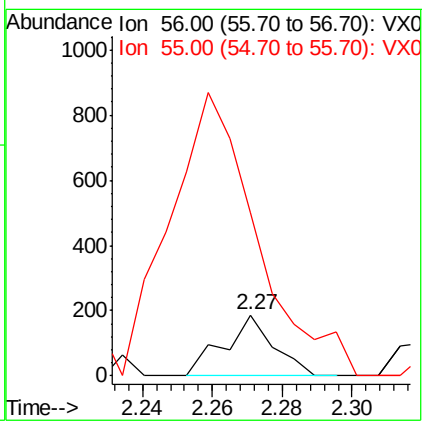


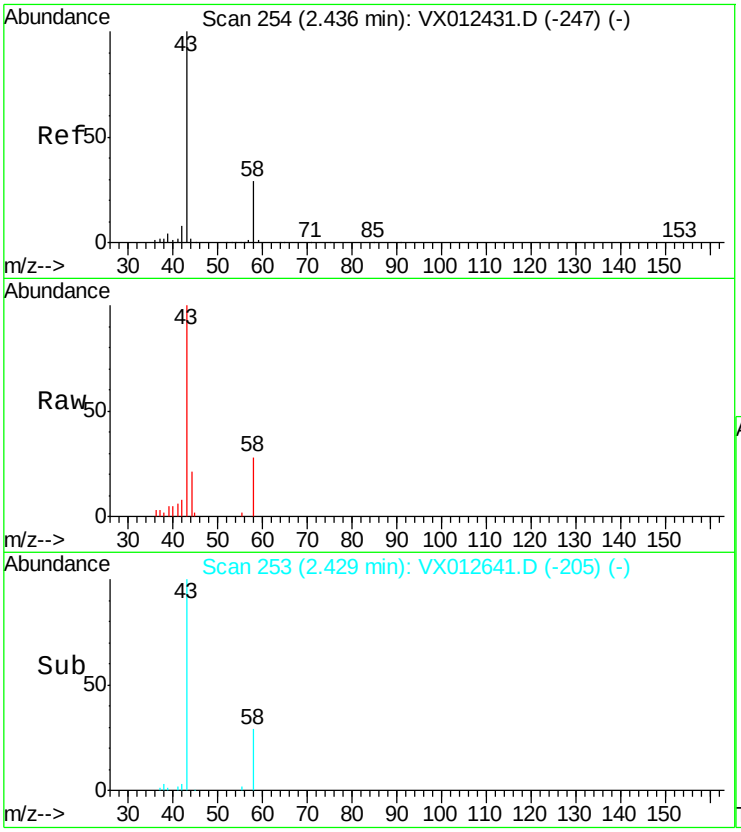


#13
Acrolein
Concen: 10.778 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 56 Resp: 184

Ion	Ratio	Lower	Upper
56	100		
55	819.0	55.8	83.8#



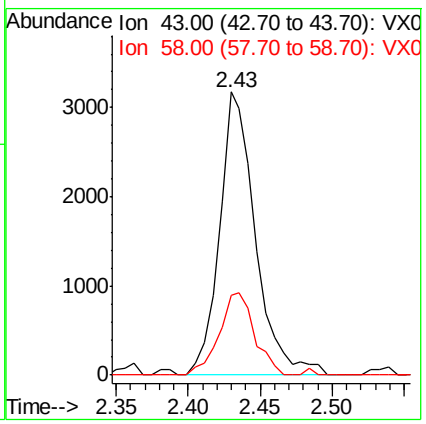


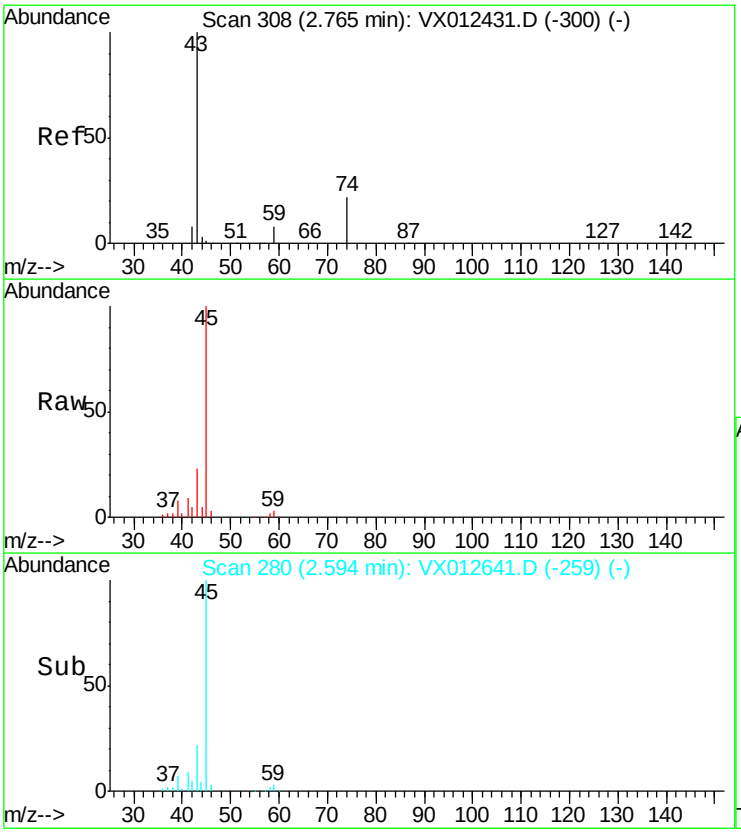
#16
Acetone
Concen: 4.482 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 43 Resp: 5527

Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.3	34.9

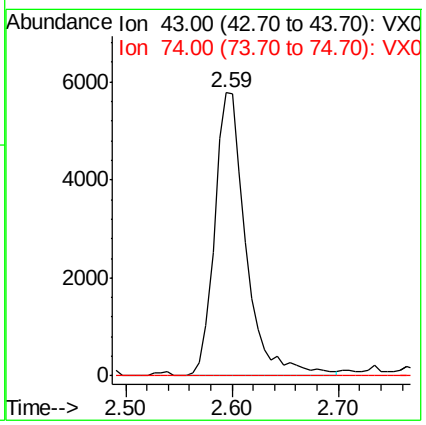


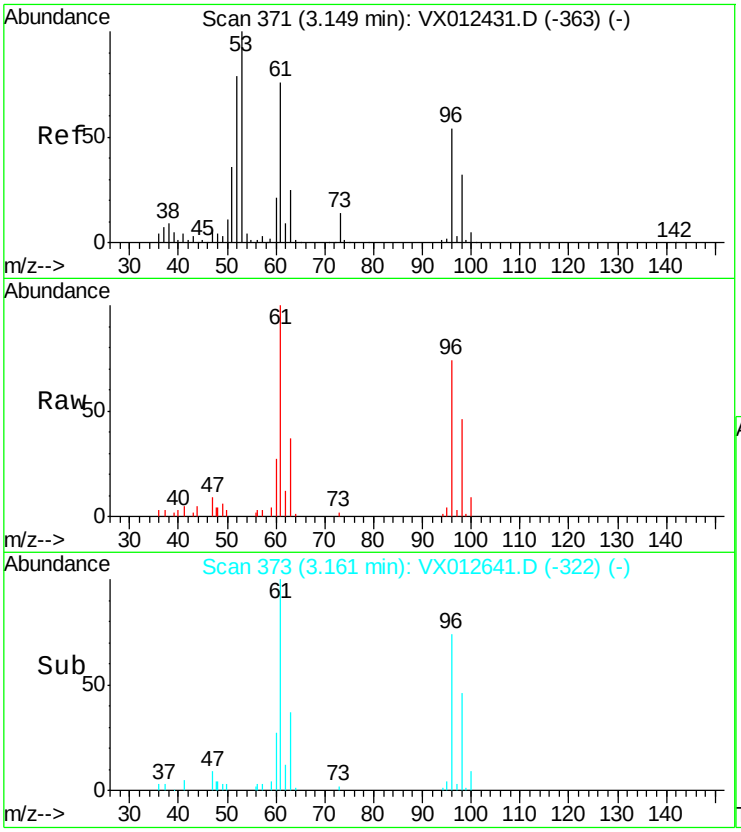


#18
Methyl Acetate
Concen: 4.075 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 43 Resp: 11832

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#



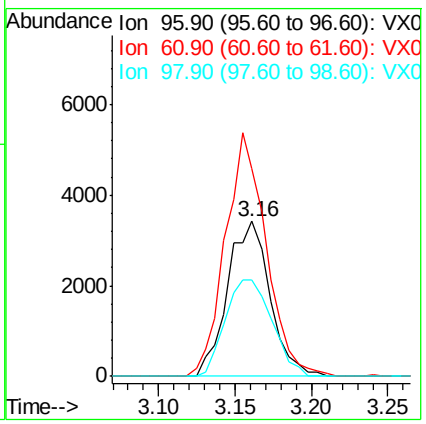


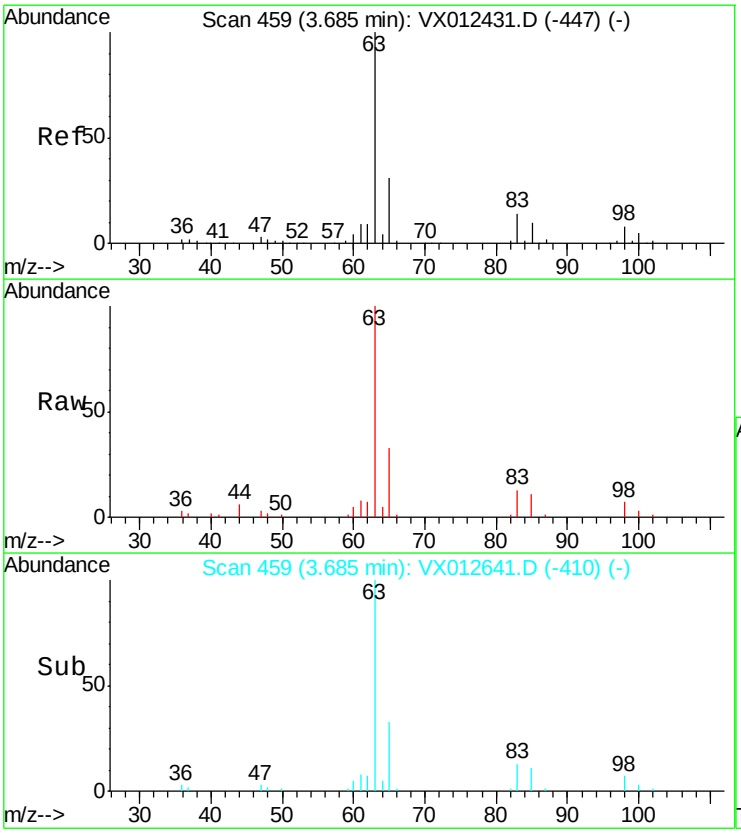
#21
trans-1,2-Dichloroethene
Concen: 3.453 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 96 Resp: 6575

Ion	Ratio	Lower	Upper
96	100		
61	134.2	112.0	168.0
98	61.8	47.8	71.8

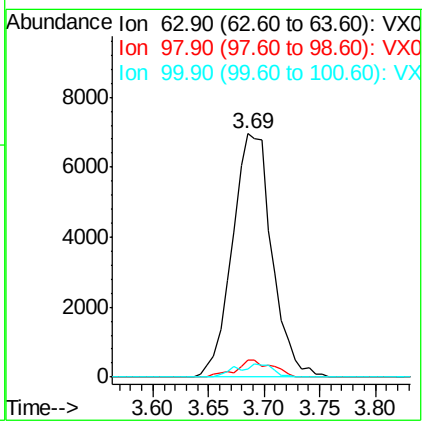


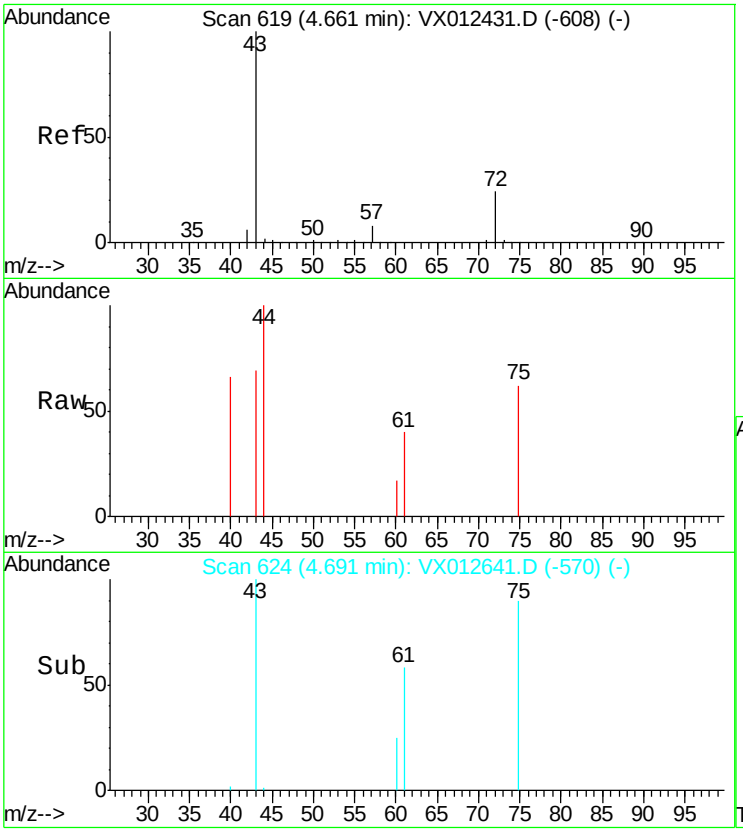


#24
1,1-Dichloroethane
Concen: 4.792 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 63 Resp: 17165

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.9	11.7
100	3.5	2.3	6.9



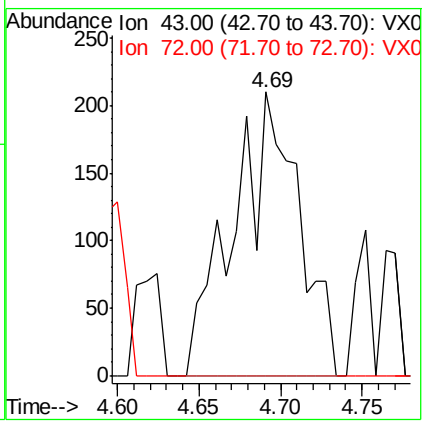


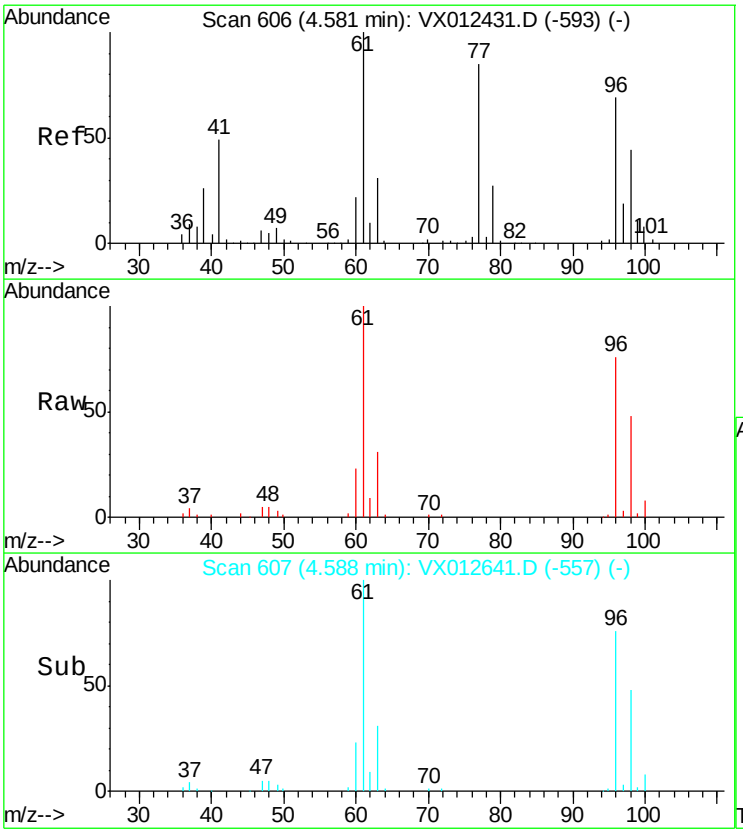
#25
2-Butanone
Concen: 0.331 ug/l
RT: 4.69 min Scan# 624
Delta R.T. 0.03 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 43 Resp: 585

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

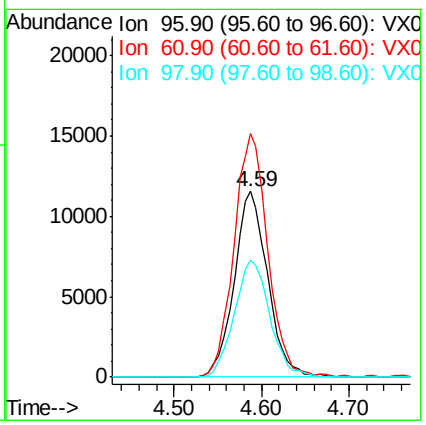


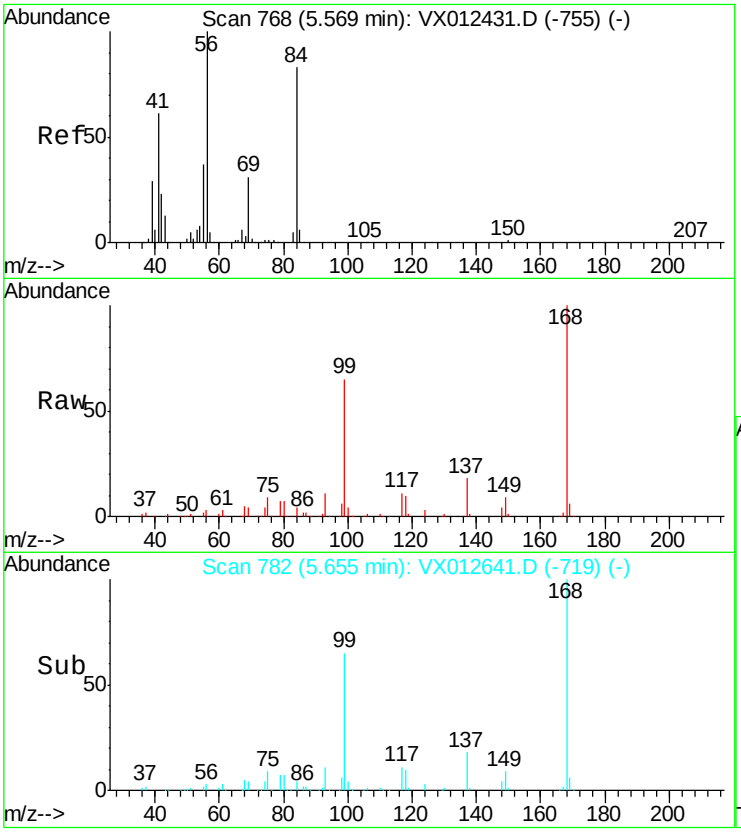


#27
cis-1,2-Dichloroethene
Concen: 13.900 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 96 Resp: 30714

Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	319.4
98	66.5	0.0	130.6



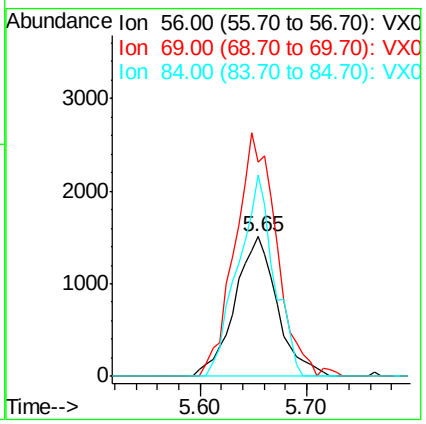


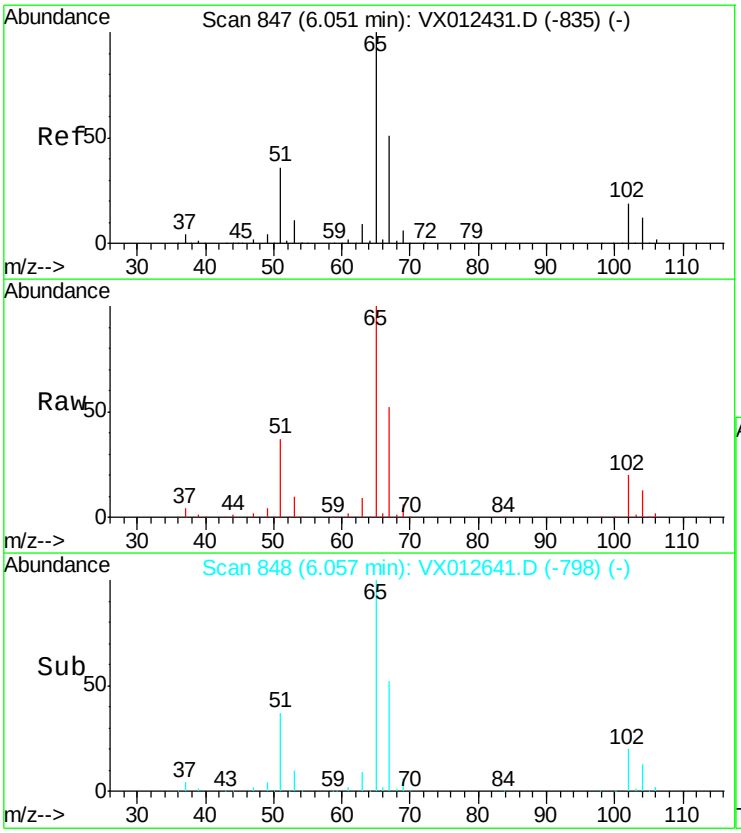
#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 56 Resp: 4219

Ion	Ratio	Lower	Upper
56	100		
69	153.8	25.0	37.6#
84	144.6	66.4	99.6#

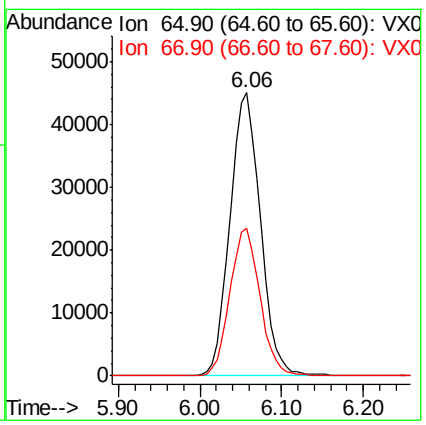


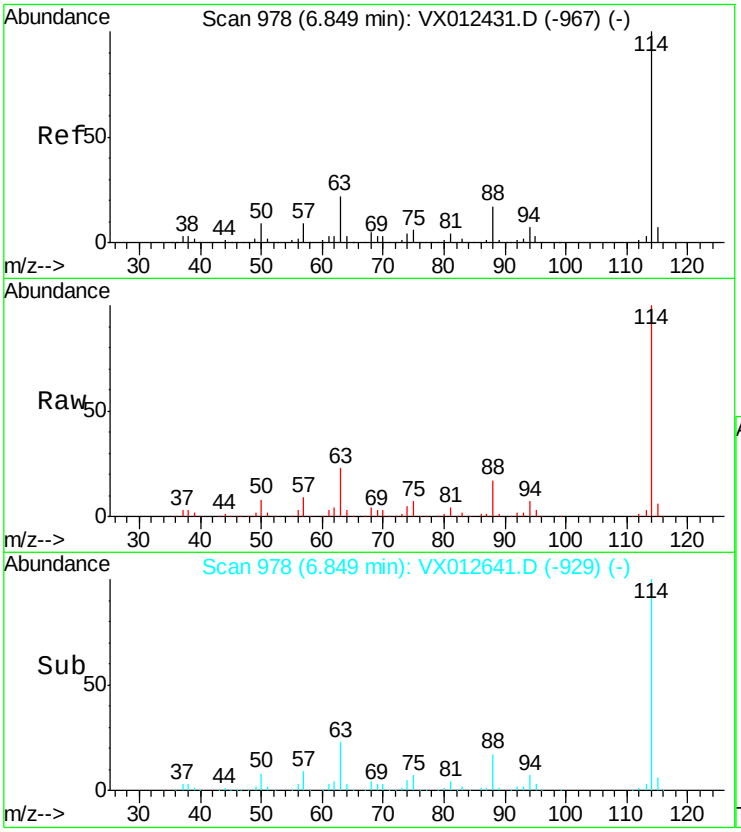


#33
1,2-Dichloroethane-d4
Concen: 49.969 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 65 Resp: 116331

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.2



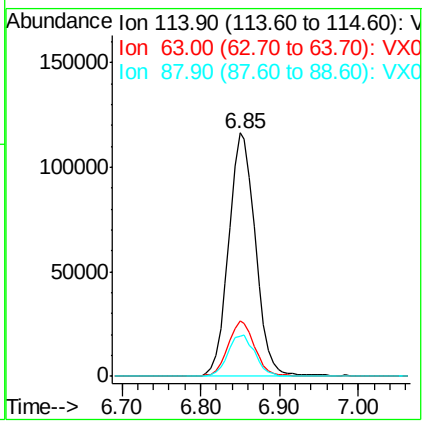


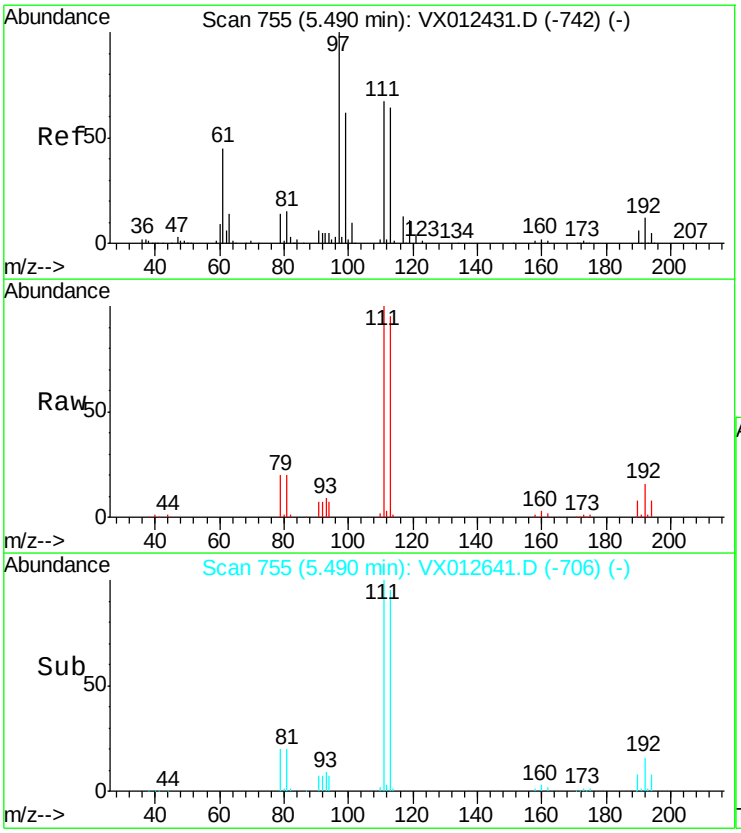
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion:114 Resp: 275191

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	16.7	0.0	33.2

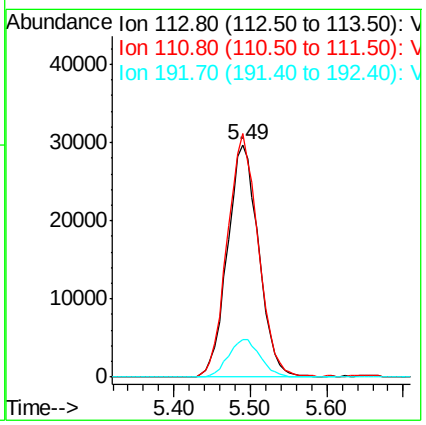


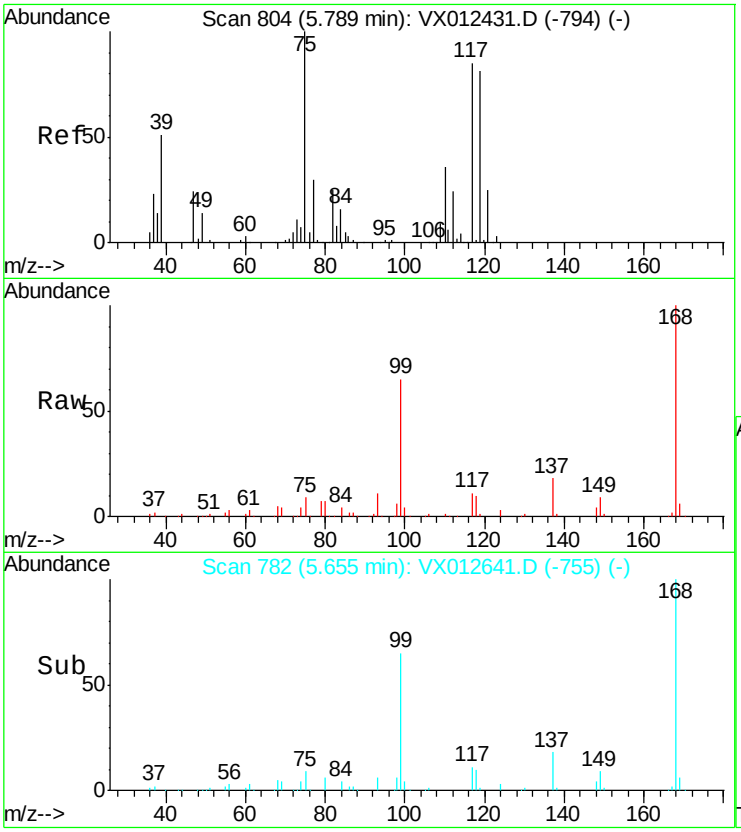


#35
Dibromofluoromethane
Concen: 51.276 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion:113 Resp: 84036

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	16.6	14.4	21.6



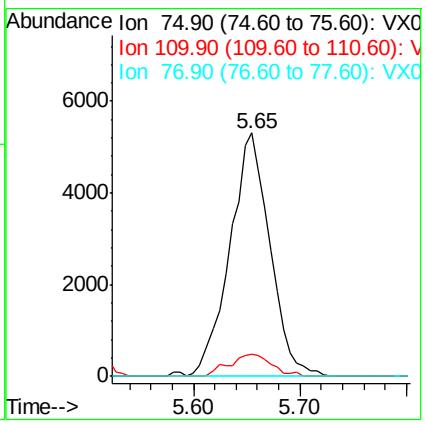


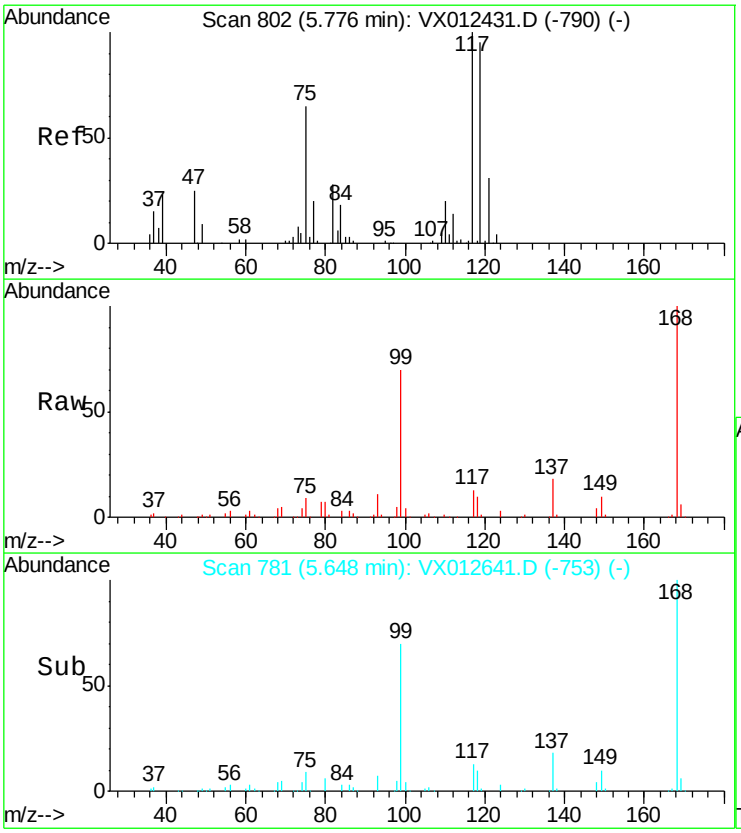
#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 75 Resp: 13990

Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.7	50.0#
77	0.0	24.2	36.2#

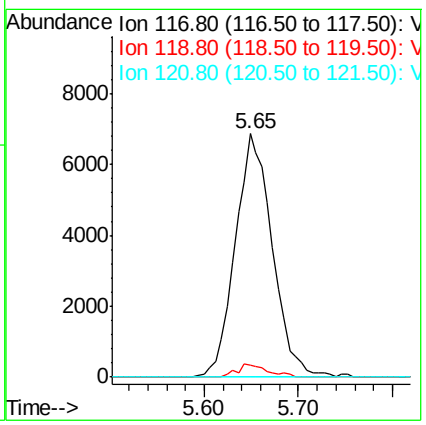


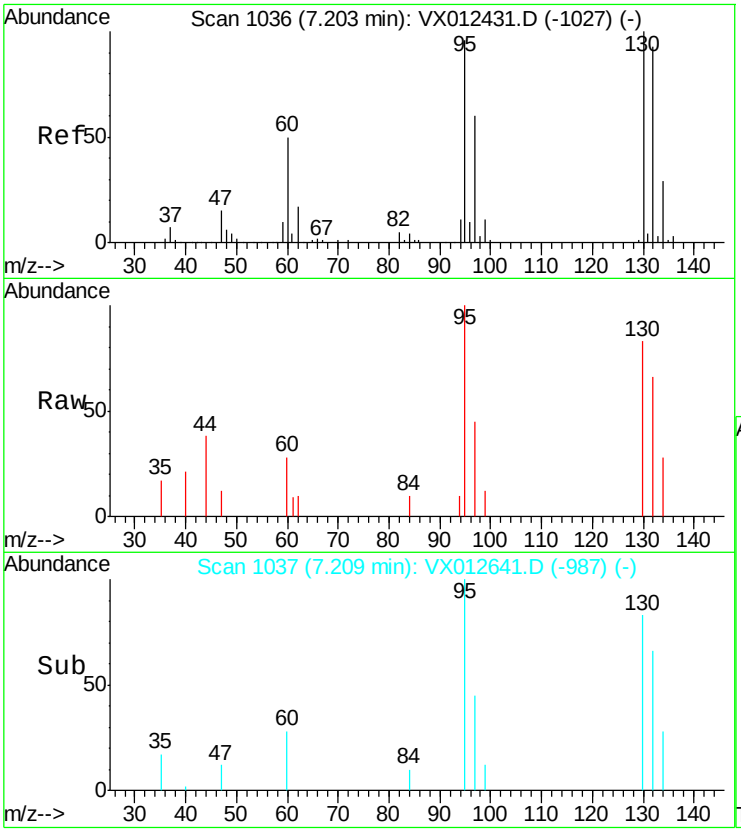


#38
Carbon Tetrachloride
Concen: 6.991 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion:117 Resp: 18837

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.7	113.5#
121	0.0	24.2	36.4#



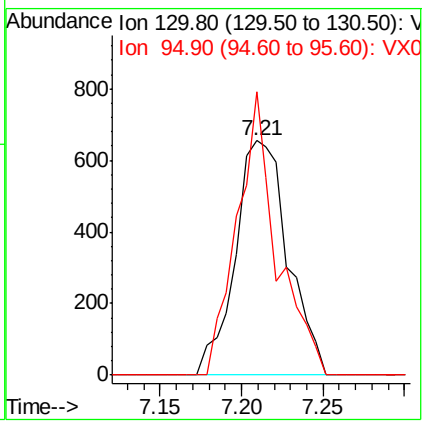


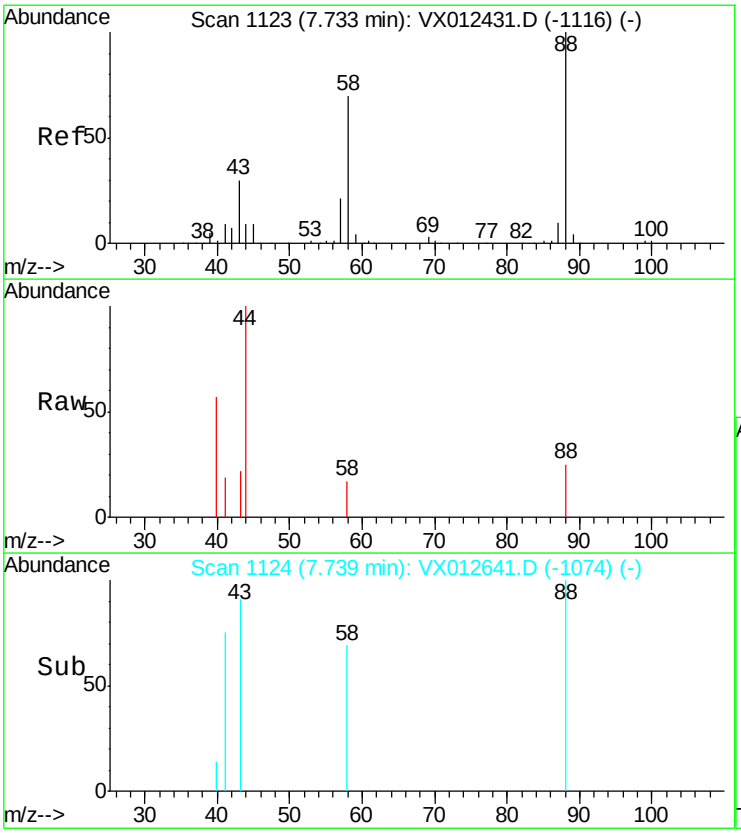
#44
Trichloroethene
Concen: 0.737 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion:130 Resp: 1471

Ion	Ratio	Lower	Upper
130	100		
95	120.9	0.0	193.0

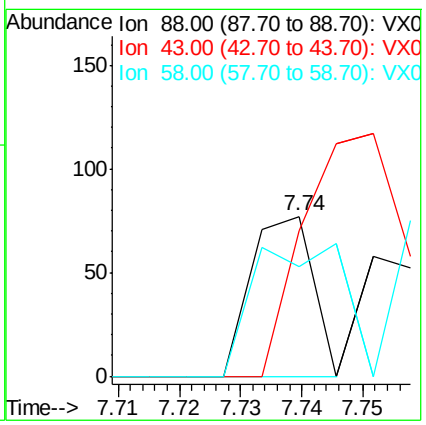


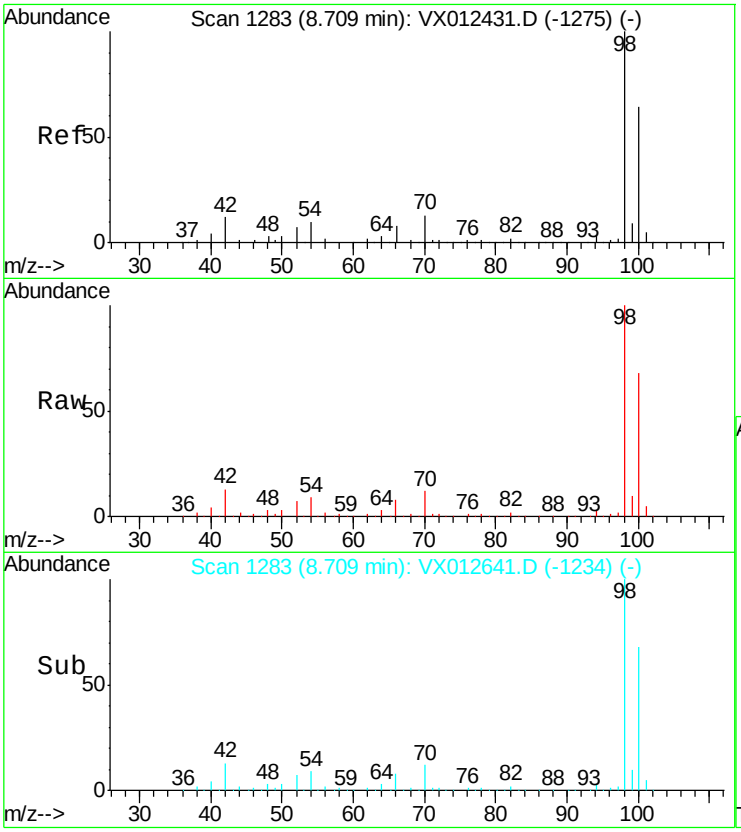


#49
1,4-Dioxane
Concen: 0.957 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
43	242.6	29.4	44.0#
58	120.4	57.5	86.3#



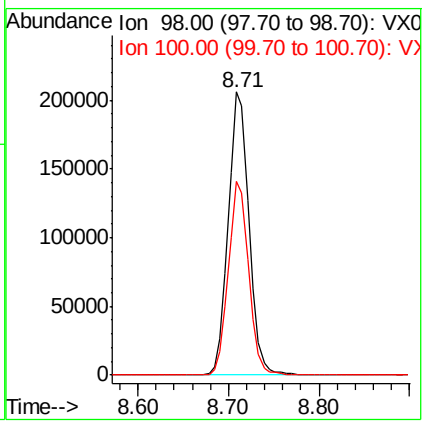


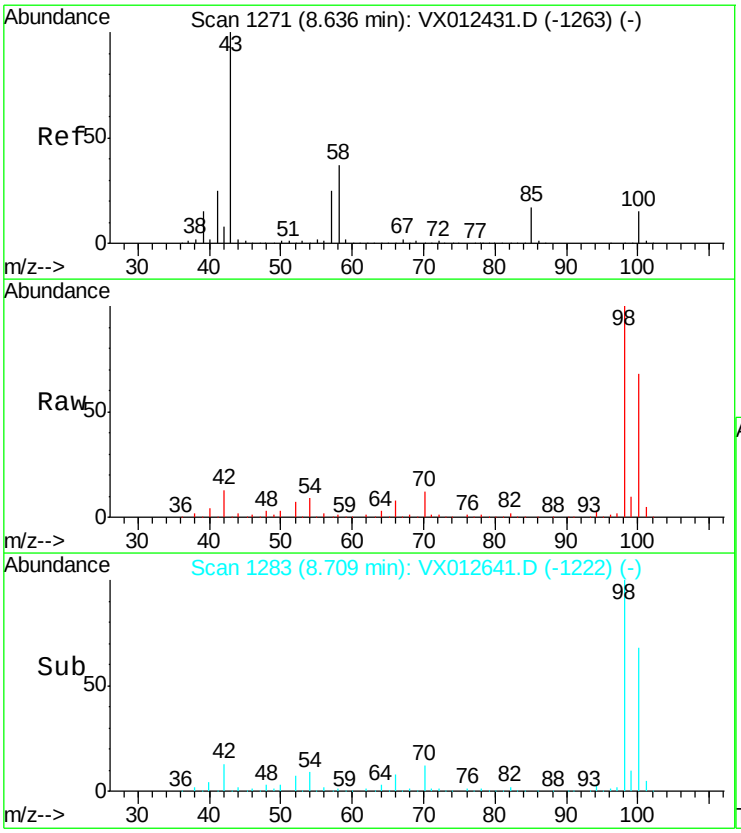
#50
Toluene-d8
Concen: 51.771 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 98 Resp: 326752

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2

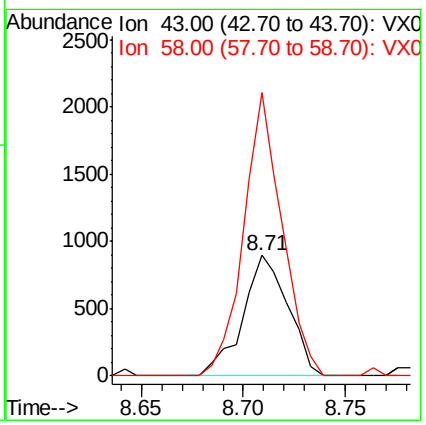


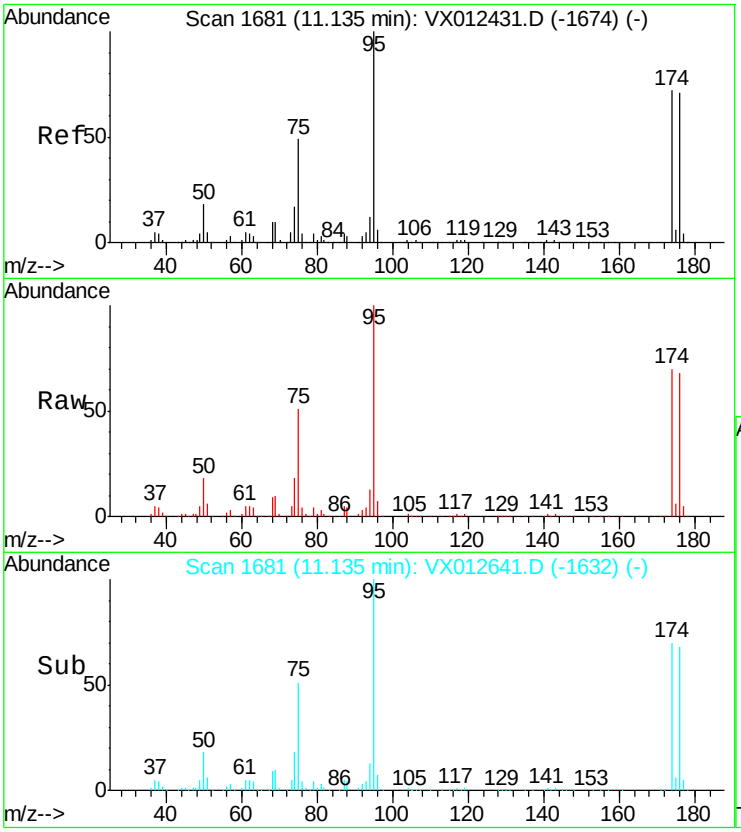


#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 43 Resp: 1391

Ion	Ratio	Lower	Upper
43	100		
58	198.1	29.8	44.6#



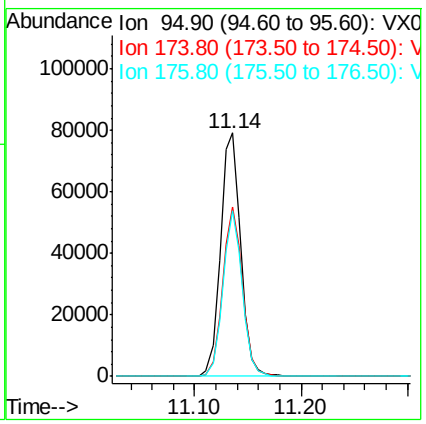


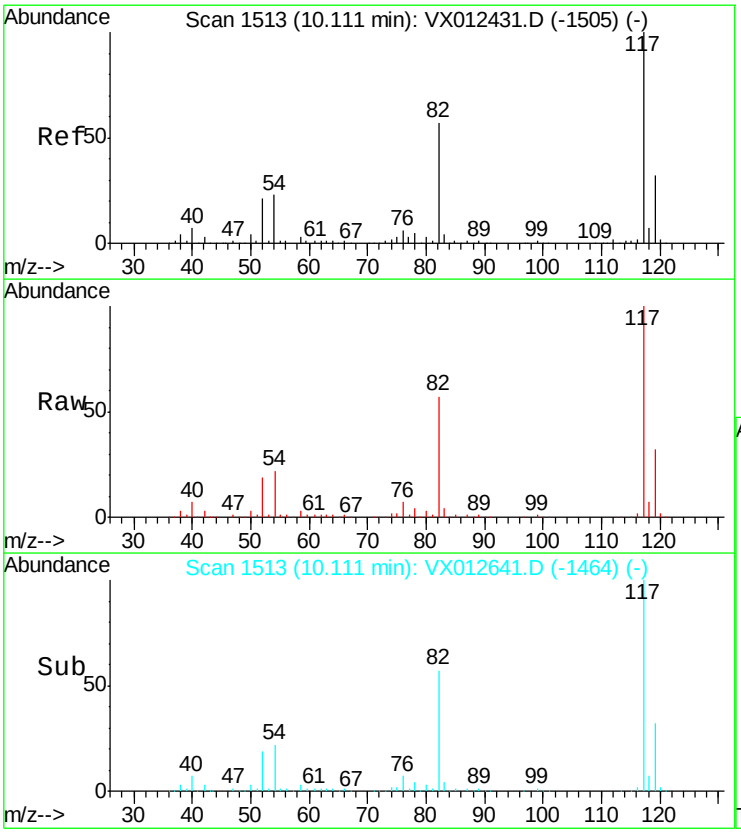
#62
4-Bromofluorobenzene
Concen: 41.901 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 95 Resp: 103984

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	140.0
176	65.7	0.0	135.4

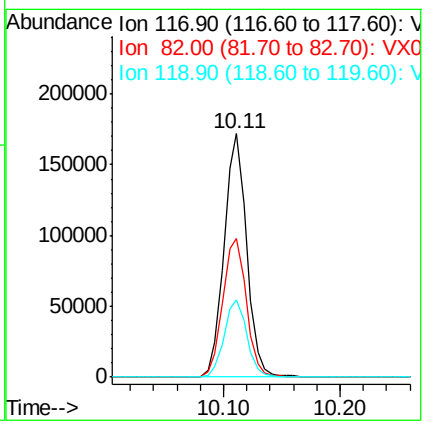


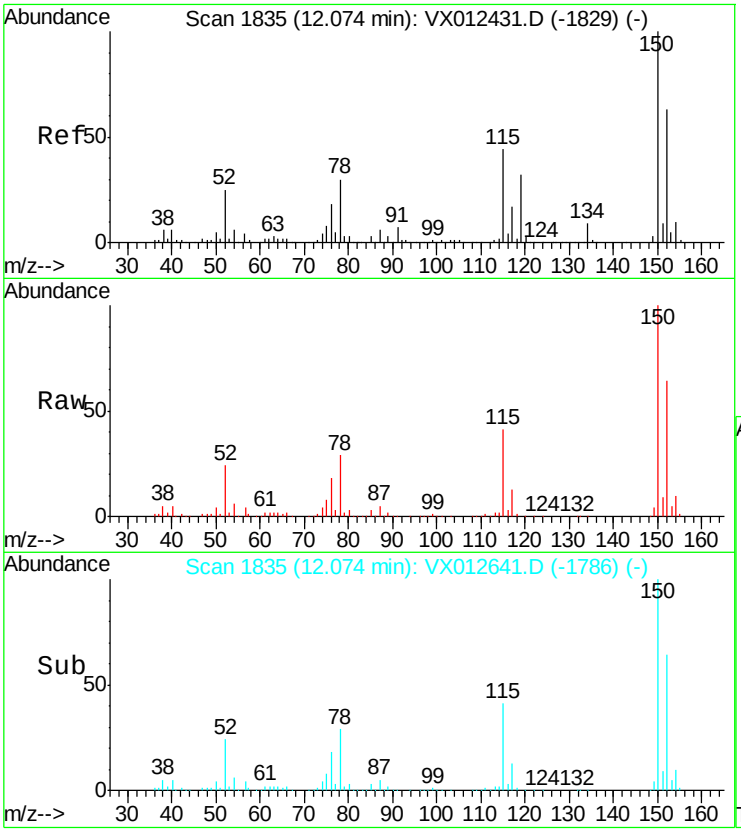


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion:117 Resp: 231544

Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.9	68.9
119	31.8	25.3	37.9



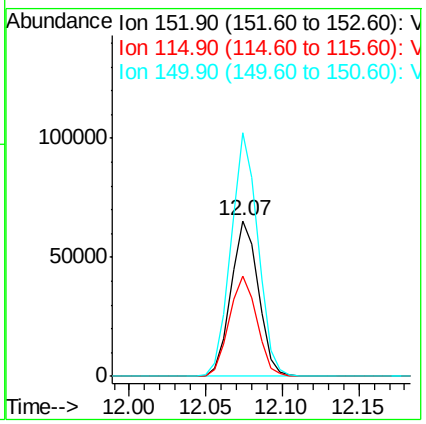


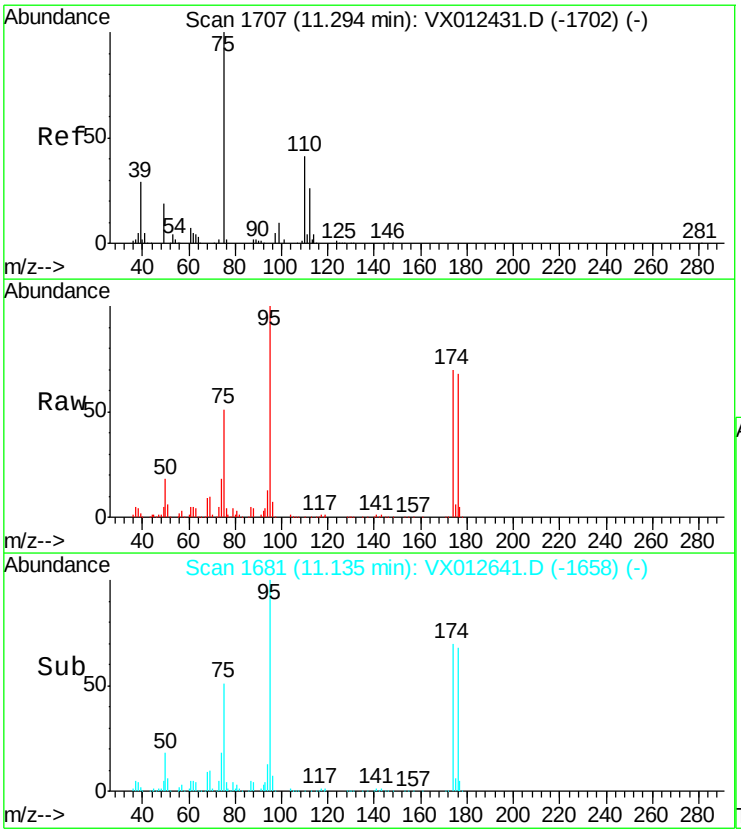
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion:152 Resp: 81331

Ion	Ratio	Lower	Upper
152	100		
115	65.1	44.1	132.3
150	154.2	0.0	343.8

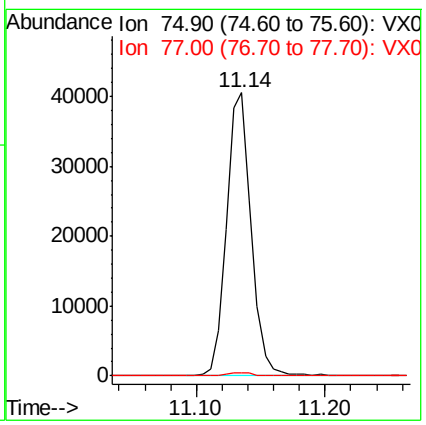


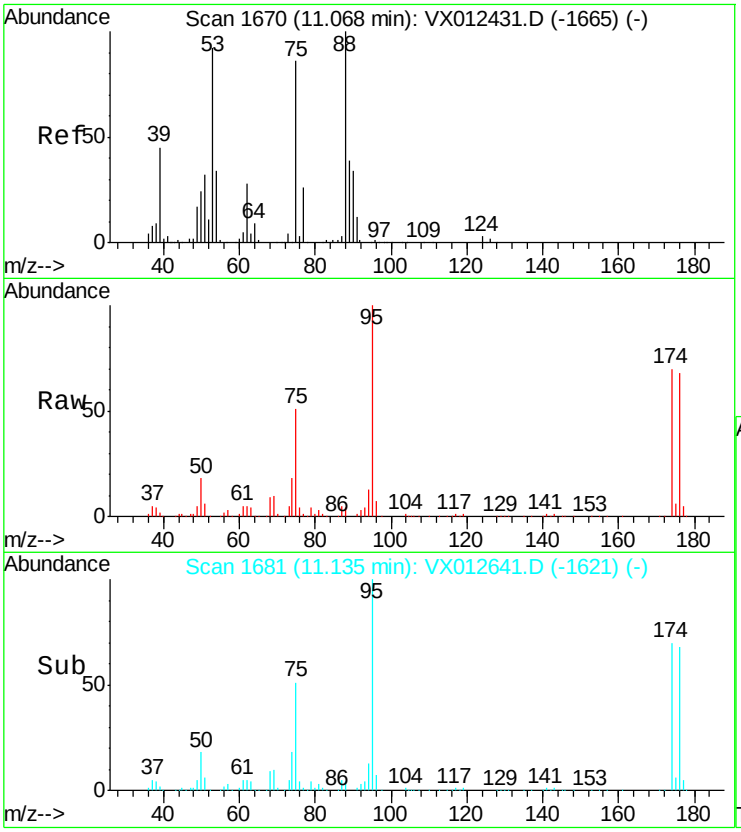


#76
1,2,3-Trichloropropane
Concen: 25.175 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Tgt Ion: 75 Resp: 54162

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.146 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012641.D
Acq: 24 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S49-0545RE

Tgt Ion: 75 Resp: 54162

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