Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092520\
Data File : VX018607.D
Acq On : 25 Sep 2020 19:39
Operator : JC/SP
Sample : L4140-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

Quant Time: Sep 28 01:56:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	440348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	684519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	340218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	316678	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.68%			
35) Dibromofluoromethane	5.47	113	240270	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.36%			
50) Toluene-d8	8.70	98	849160	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.62%			
62) 4-Bromofluorobenzene	11.12	95	323171	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.40%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	1755	0.359	ug/l #	21
4) Vinyl Chloride	1.40	62	3739	0.723	ug/l #	70
8) Diethyl Ether	2.17	74	2511	0.910	ug/l	83
10) Methyl Iodide	2.49	142	625	5.022	ug/l #	49
11) Tert butyl alcohol	2.99	59	4066	3.751	ug/l #	72
13) Acrolein	2.27	56	392	0.571	ug/l #	4
16) Acetone	2.43	43	6156	2.584	ug/l #	88
19) Methyl tert-butyl Ether	3.17	73	6590	0.440	ug/l #	82
20) Methylene Chloride	2.84	84	1224	0.233	ug/l #	61
24) 1,1-Dichloroethane	3.68	63	2225	0.248	ug/l #	84
25) 2-Butanone	4.65	43	1066	0.287	ug/l #	51
29) Tetrahydrofuran	5.12	42	1758	0.752	ug/l #	67
36) 1,1-Dichloropropene	5.63	75	34796	5.176	ug/l #	52
38) Carbon Tetrachloride	5.63	117	46582	6.257	ug/l #	19
41) Methacrylonitrile	4.99	41	809	0.203	ug/l #	31
49) 1,4-Dioxane	7.70	88	20	0.209	ug/l #	1
59) 2-Hexanone	9.62	43	32338	5.994	ug/l #	35
65) Chlorobenzene	10.12	112	8701	0.617	ug/l #	86
76) 1,2,3-Trichloropropane	11.12	75	172413	24.116	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	172413	61.796	ug/l #	12
88) 1,4-Dichlorobenzene	12.07	146	3651	0.319	ug/l #	1

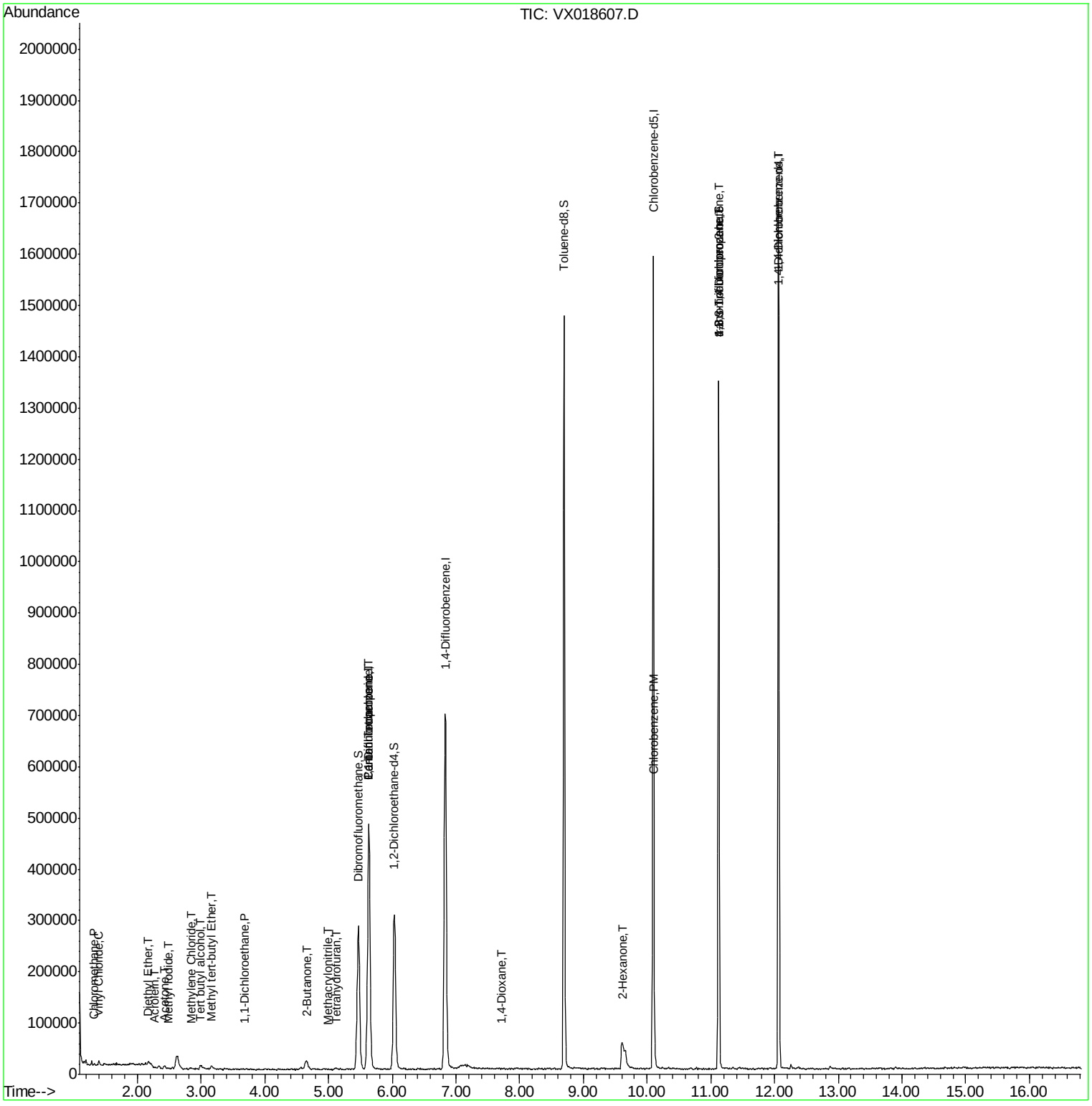
(#) = qualifier out of range (m) = manual integration (+) = signals summed

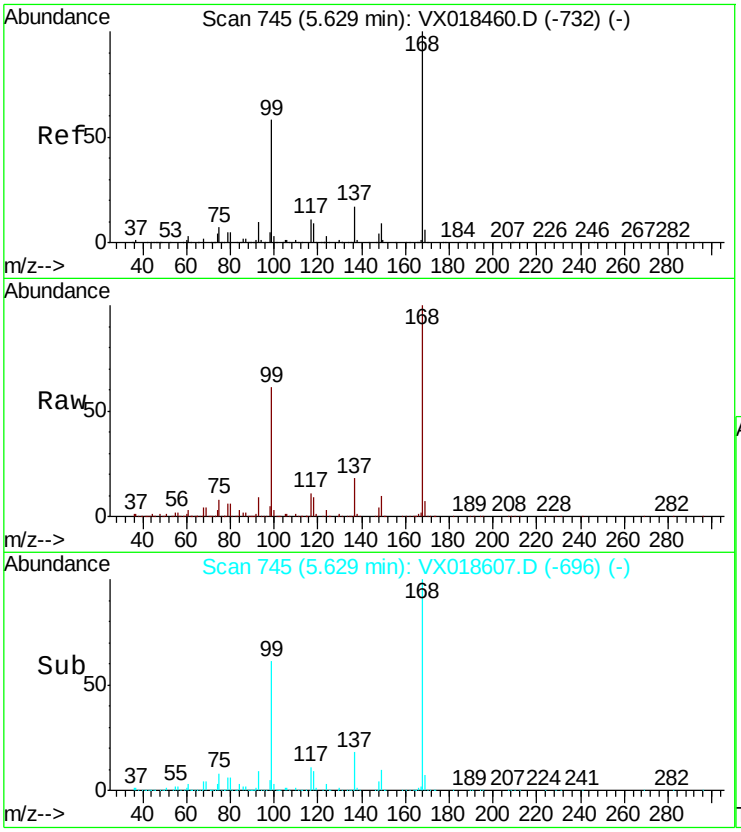
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092520\
Data File : VX018607.D
Acq On : 25 Sep 2020 19:39
Operator : JC/SP
Sample : L4140-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Sep 28 01:56:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration



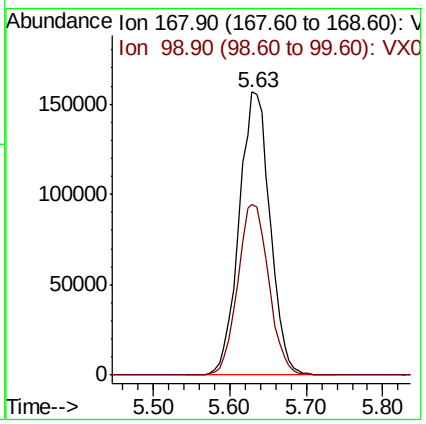


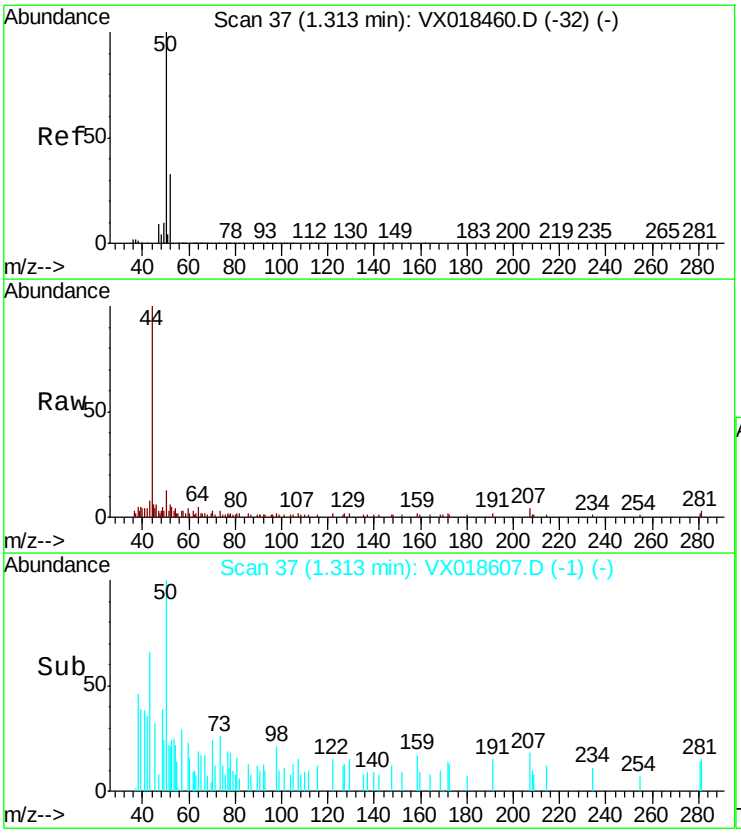
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 440348

Ion	Ratio	Lower	Upper
168	100		
99	60.5	46.5	69.7

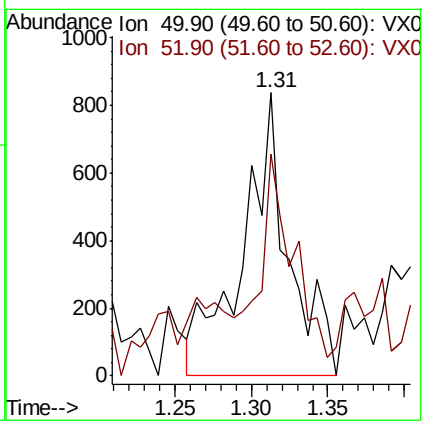


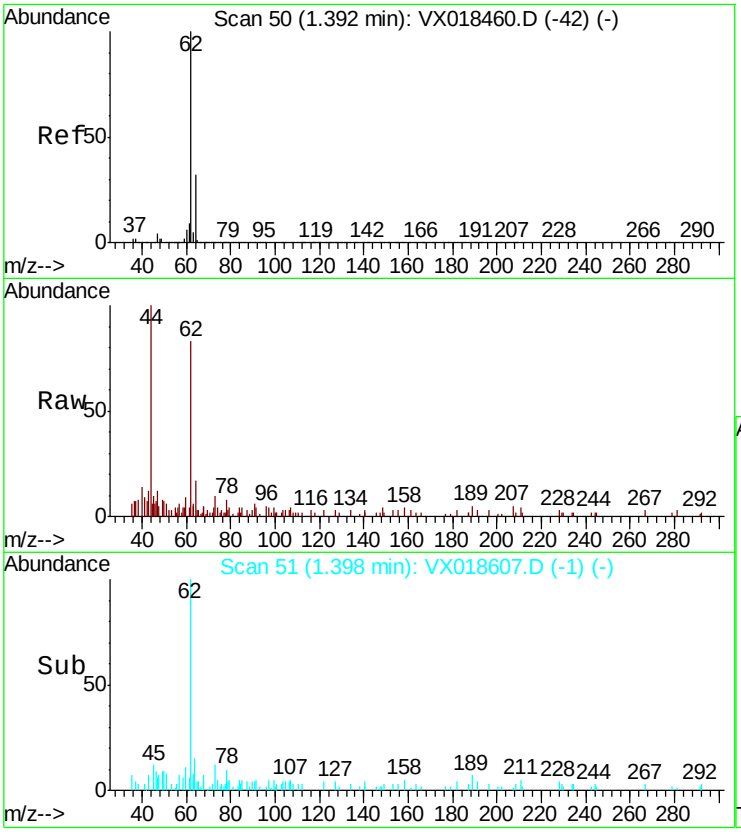


#3
Chloromethane
Concen: 0.359 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 50 Resp: 1755

Ion	Ratio	Lower	Upper
50	100		
52	78.4	26.6	40.0#



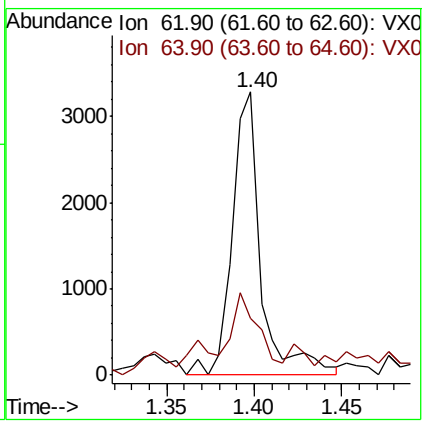


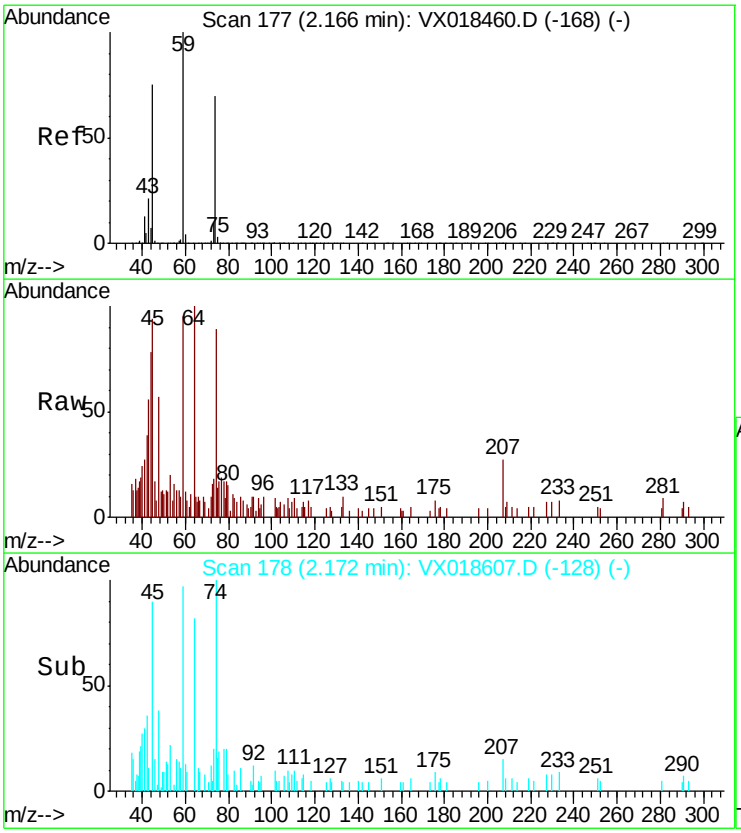
#4
Vinyl Chloride
Concen: 0.723 ug/l
RT: 1.40 min Scan# 51
Delta R.T. 0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 62 Resp: 3739

Ion	Ratio	Lower	Upper
62	100		
64	15.2	25.7	38.5#

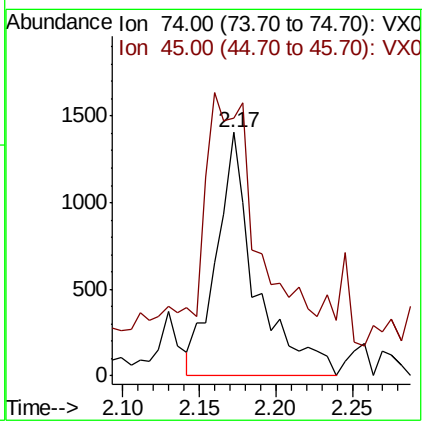


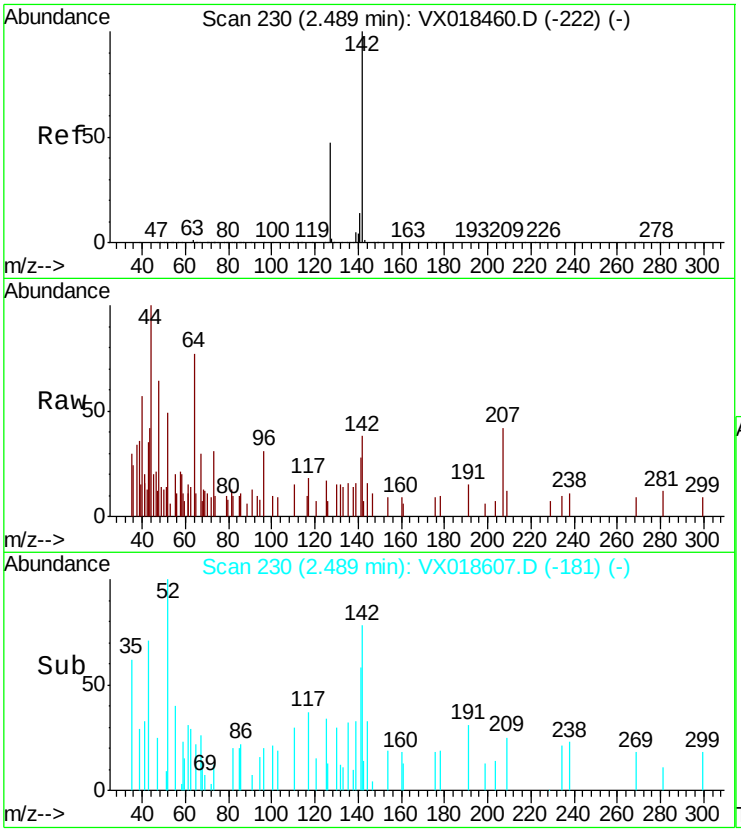


#8
Diethyl Ether
Concen: 0.910 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 74 Resp: 2511

Ion	Ratio	Lower	Upper
74	100		
45	118.1	50.7	152.1



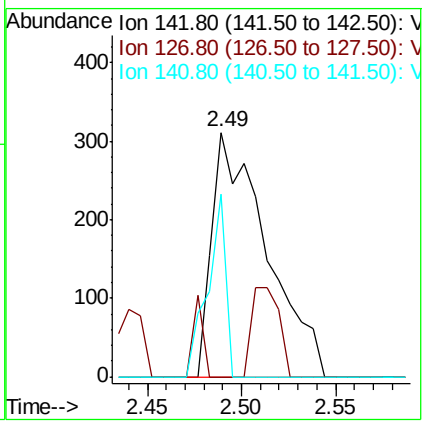


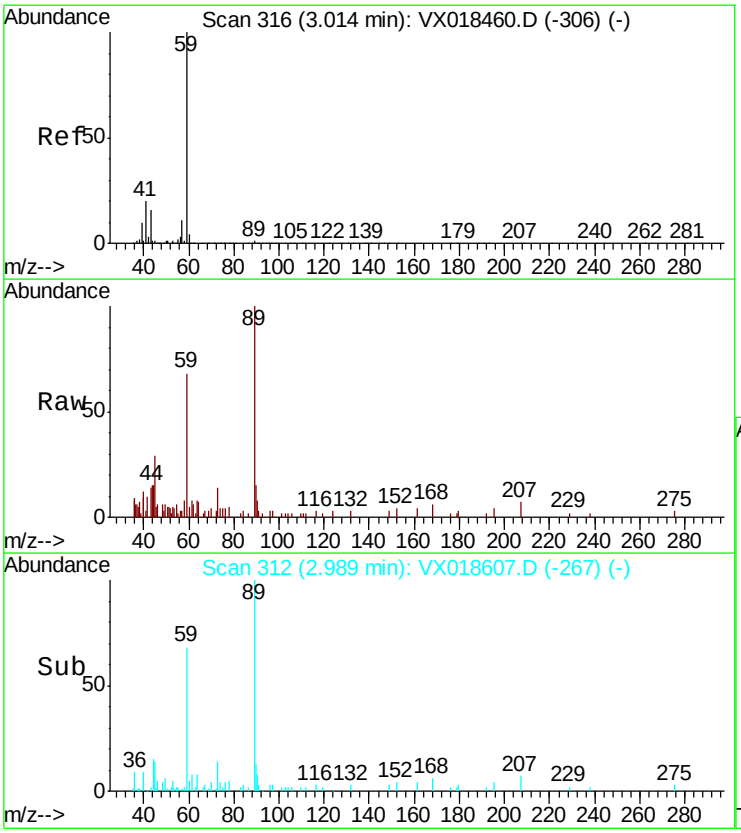
#10
Methyl Iodide
Concen: 5.022 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:142 Resp: 625

Ion	Ratio	Lower	Upper
142	100		
127	6.1	36.0	54.0#
141	24.6	11.9	17.9#

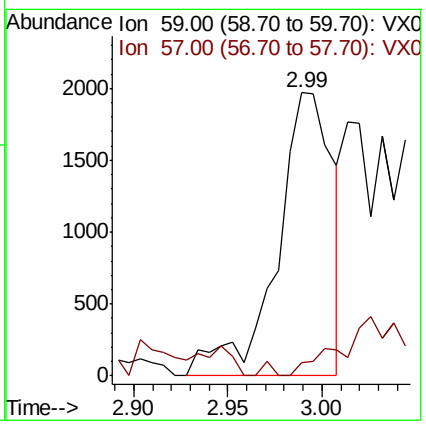


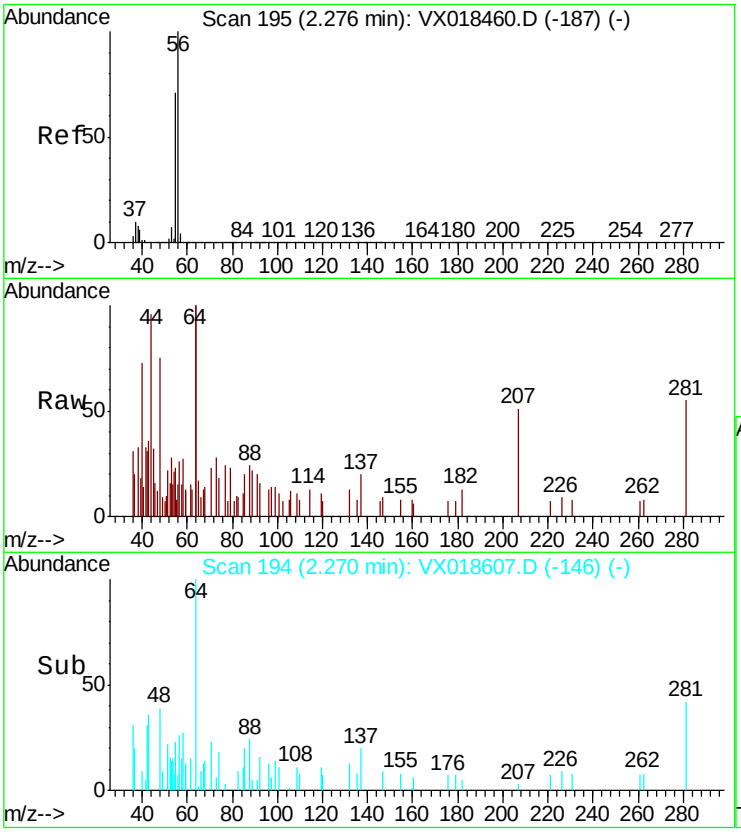


#11
Tert butyl alcohol
Concen: 3.751 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 59 Resp: 4066

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



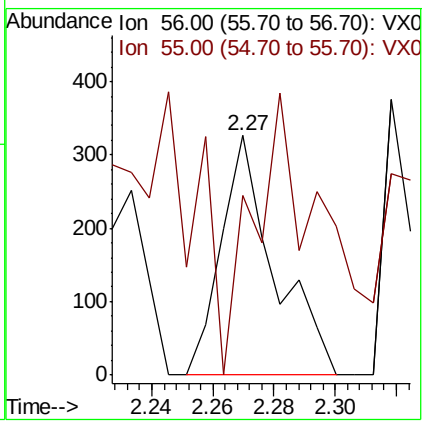


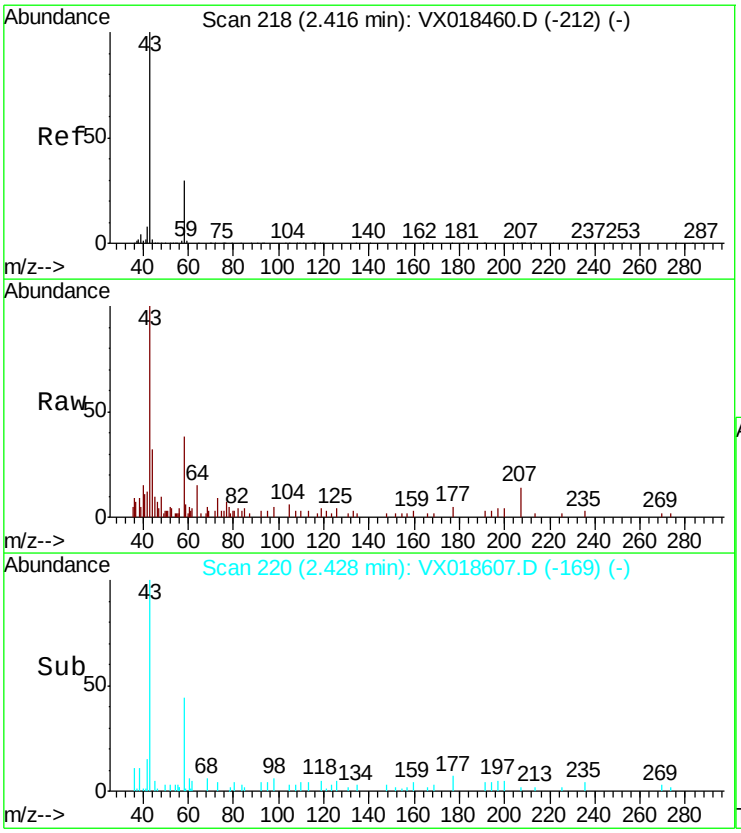
#13
Acrolein
Concen: 0.571 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 56 Resp: 392

Ion	Ratio	Lower	Upper
56	100		
55	153.6	58.2	87.4#

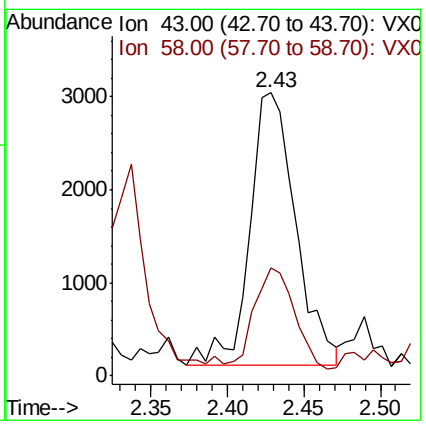


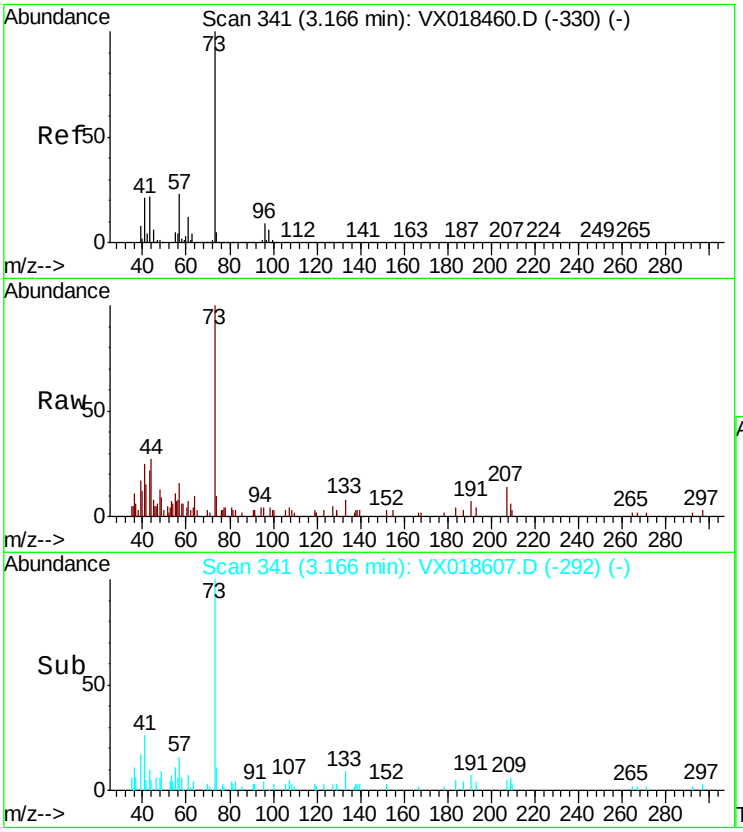


#16
Acetone
Concen: 2.584 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 43 Resp: 6156

Ion	Ratio	Lower	Upper
43	100		
58	36.5	24.0	36.0#



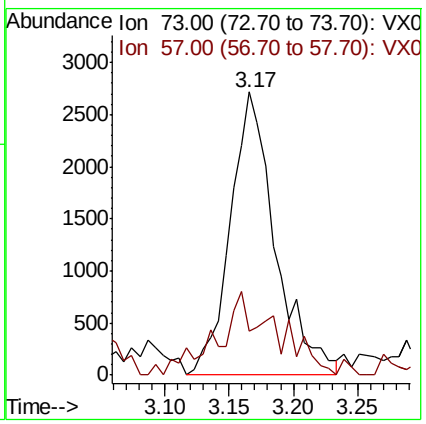


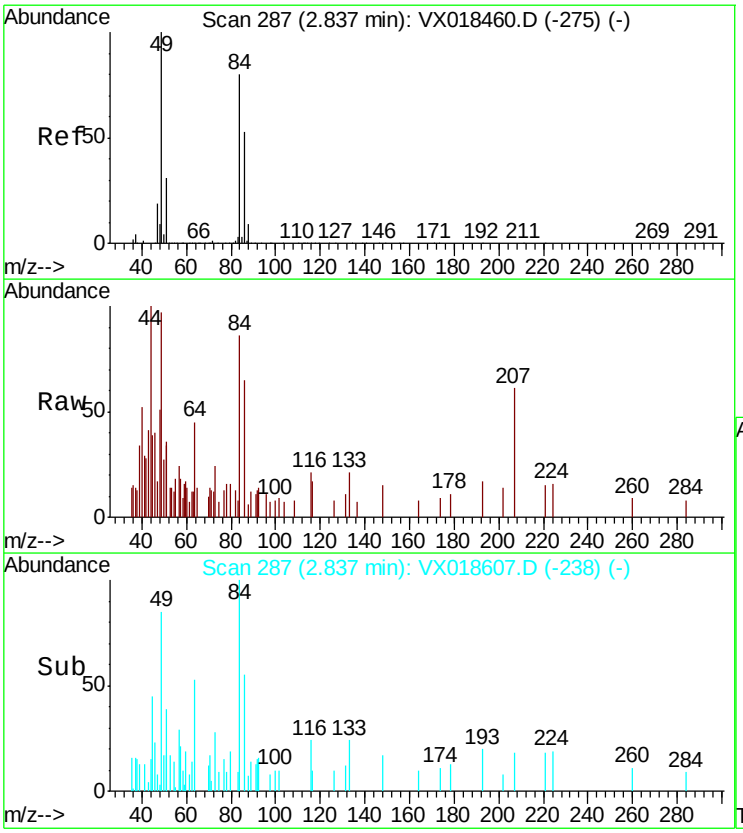
#19
Methyl tert-butyl Ether
Concen: 0.440 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 73 Resp: 6590

Ion	Ratio	Lower	Upper
73	100		
57	13.8	18.0	27.0#

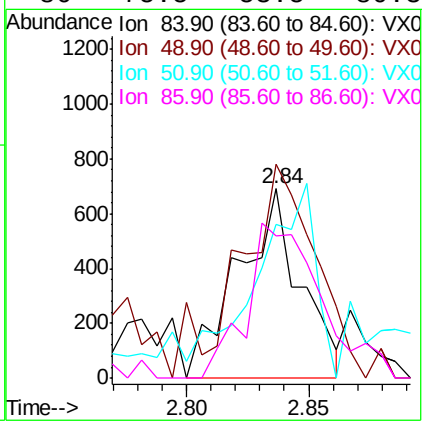


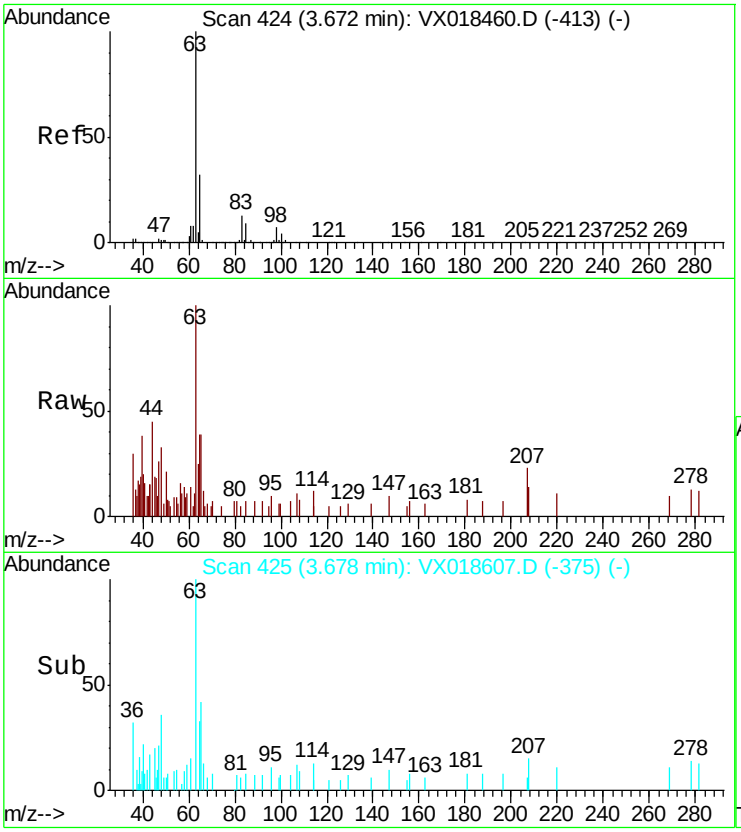


#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 84 Resp: 1224

Ion	Ratio	Lower	Upper
84	100		
49	74.8	100.6	151.0#
51	81.2	30.9	46.3#
86	75.5	53.5	80.3



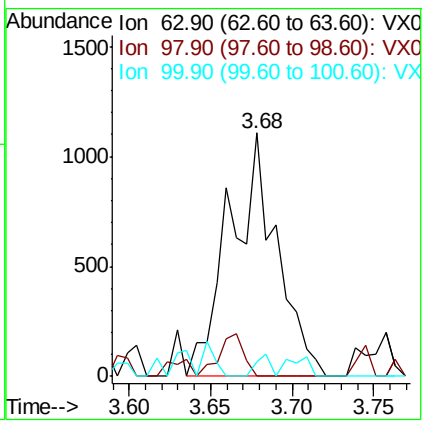


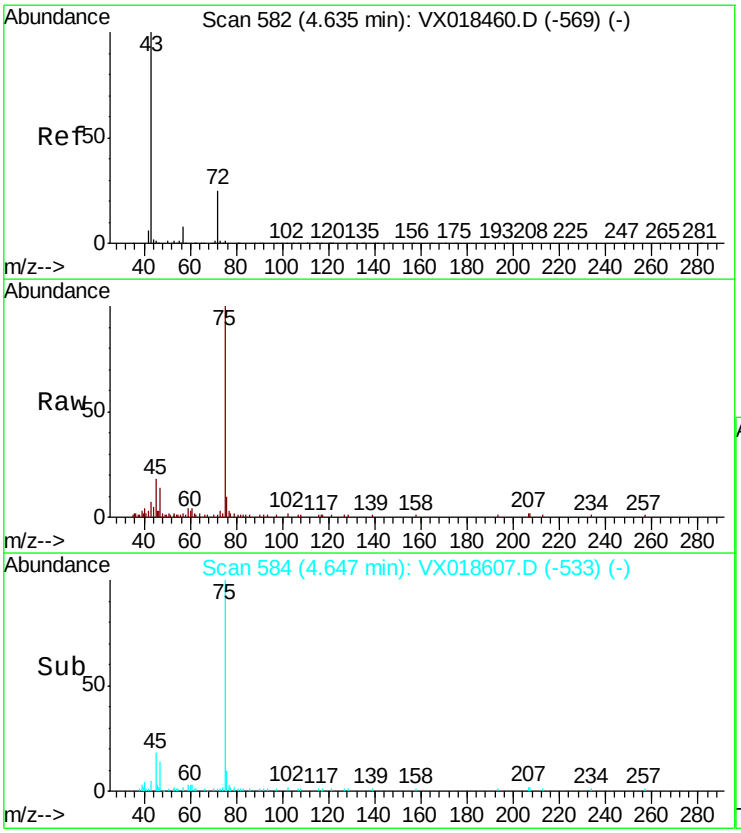
#24
1,1-Dichloroethane
Concen: 0.248 ug/l
RT: 3.68 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 63 Resp: 2225

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.6#
100	6.2	1.9	5.7#

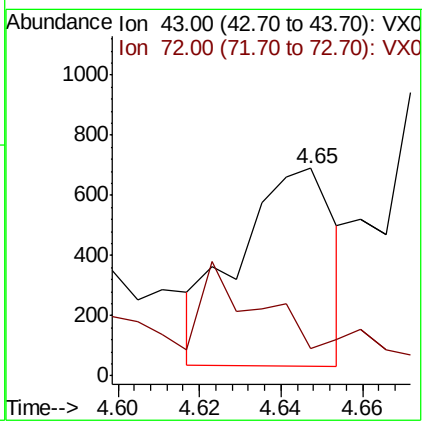


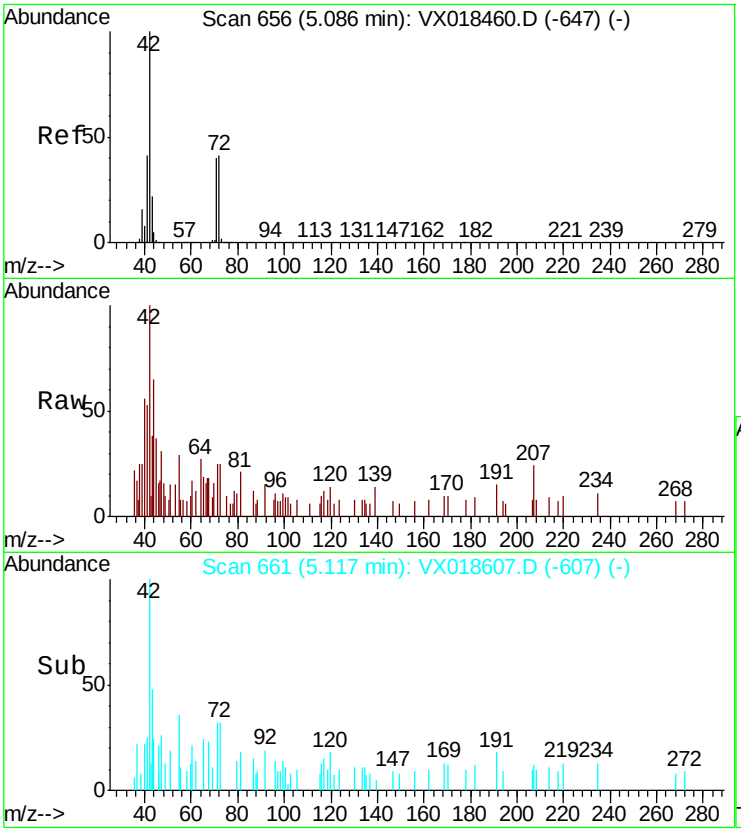


#25
2-Butanone
Concen: 0.287 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 43 Resp: 1066

Ion	Ratio	Lower	Upper
43	100		
72	0.7	20.2	30.4#



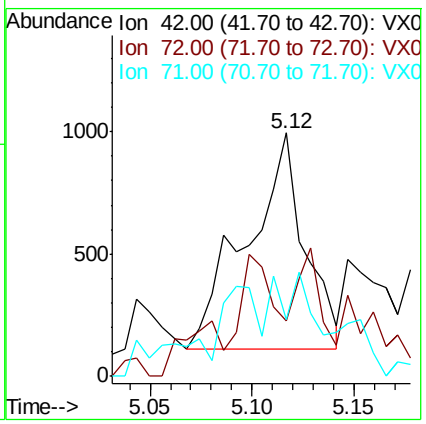


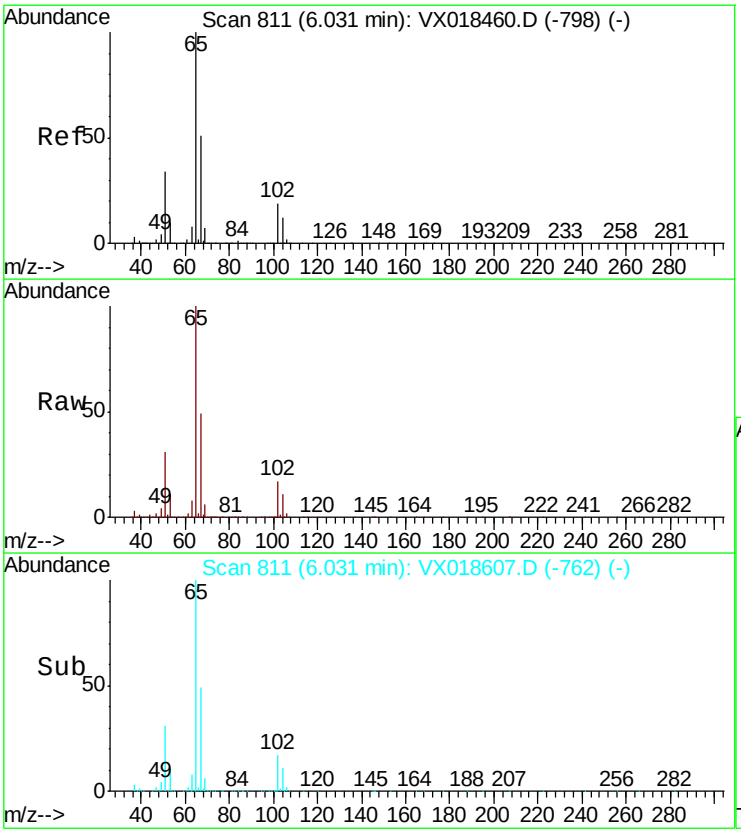
#29
Tetrahydrofuran
Concen: 0.752 ug/l
RT: 5.12 min Scan# 661
Delta R.T. 0.03 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 42 Resp: 1758

Ion	Ratio	Lower	Upper
42	100		
72	26.5	34.3	51.5#
71	14.8	32.1	48.1#

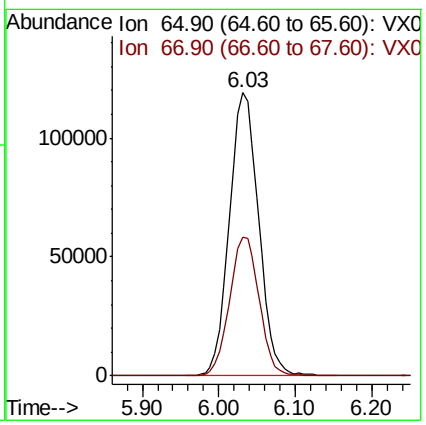


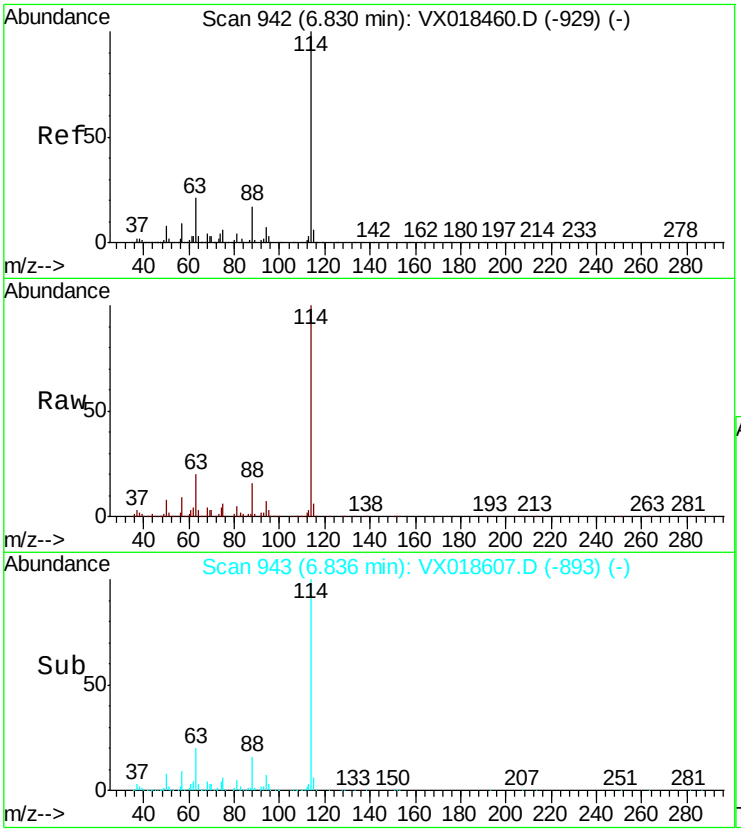


#33
1,2-Dichloroethane-d4
Concen: 50.836 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 65 Resp: 316678

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	105.6



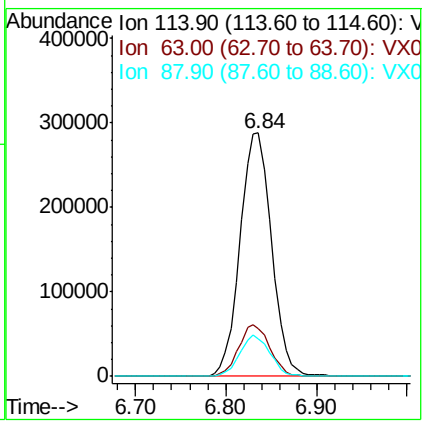


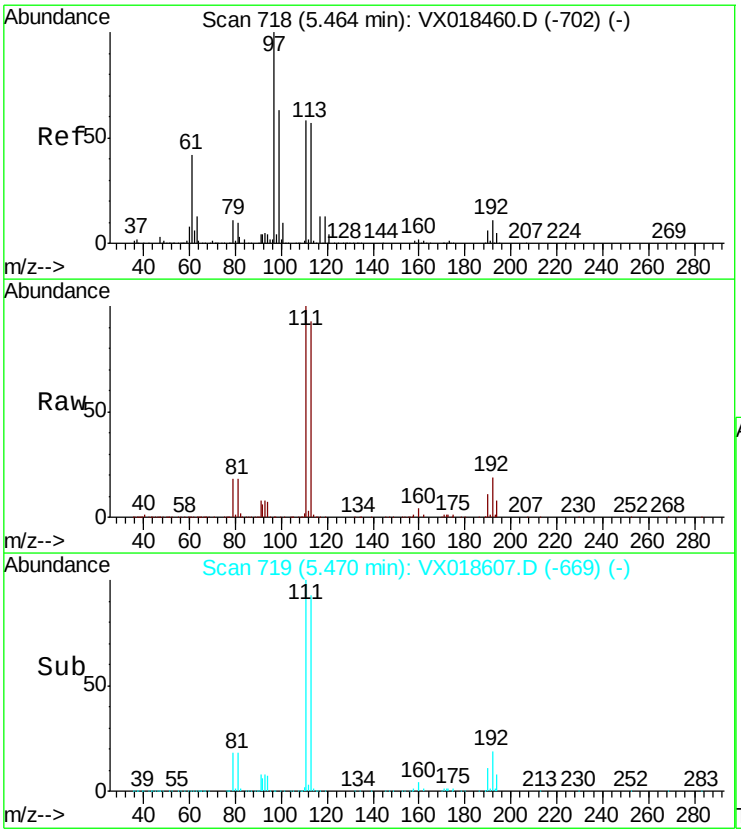
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 692571

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.8
88	15.5	0.0	33.6

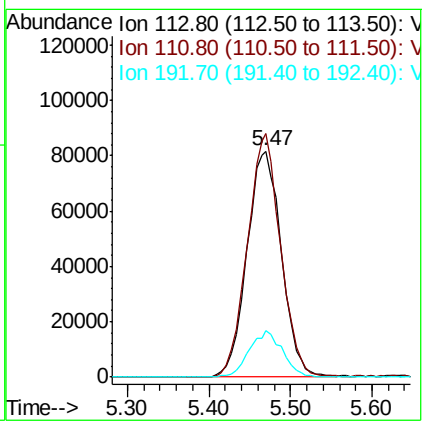


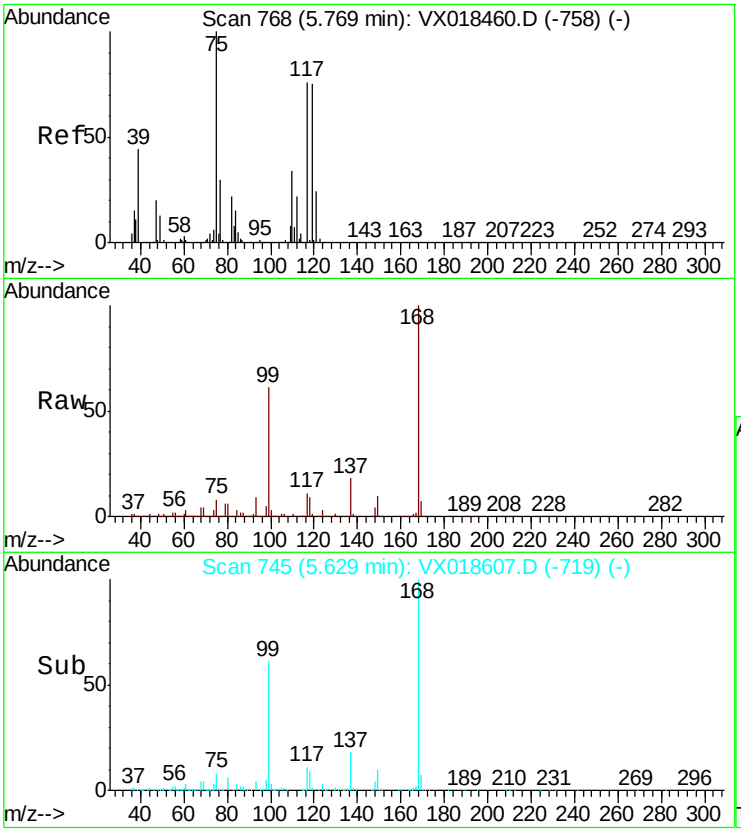


#35
Dibromofluoromethane
Concen: 50.183 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion:113 Resp: 240270

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	19.8	16.6	24.8



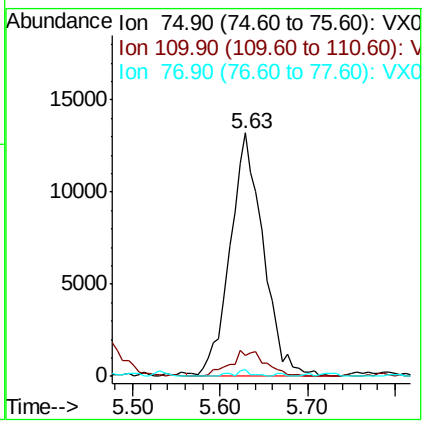


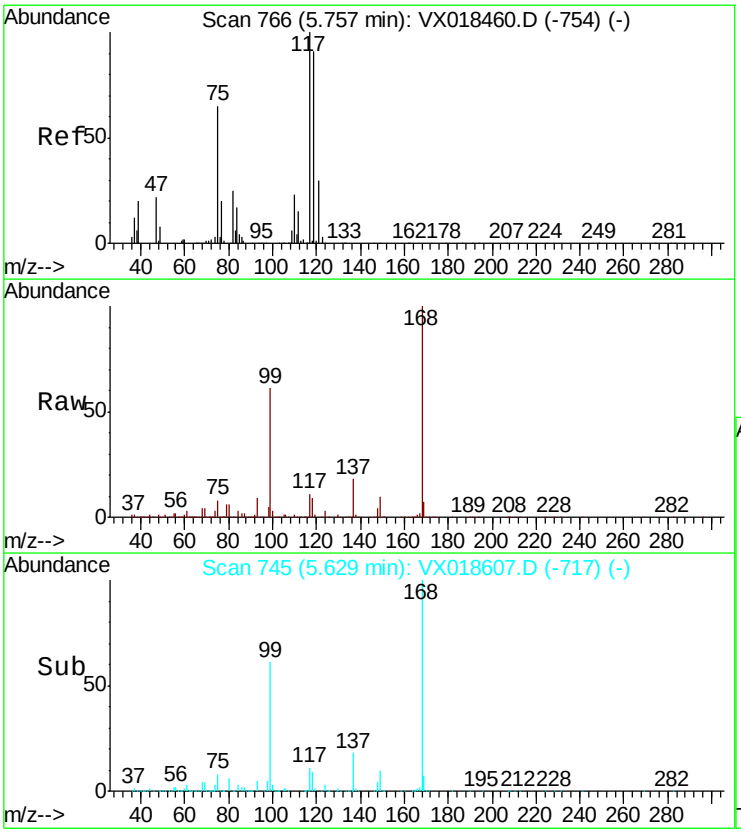
#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 34796

Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.6	52.8#
77	1.2	25.0	37.6#

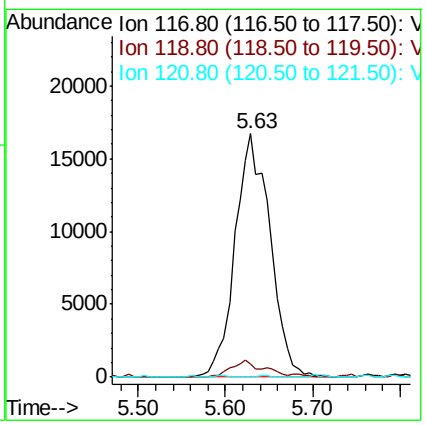


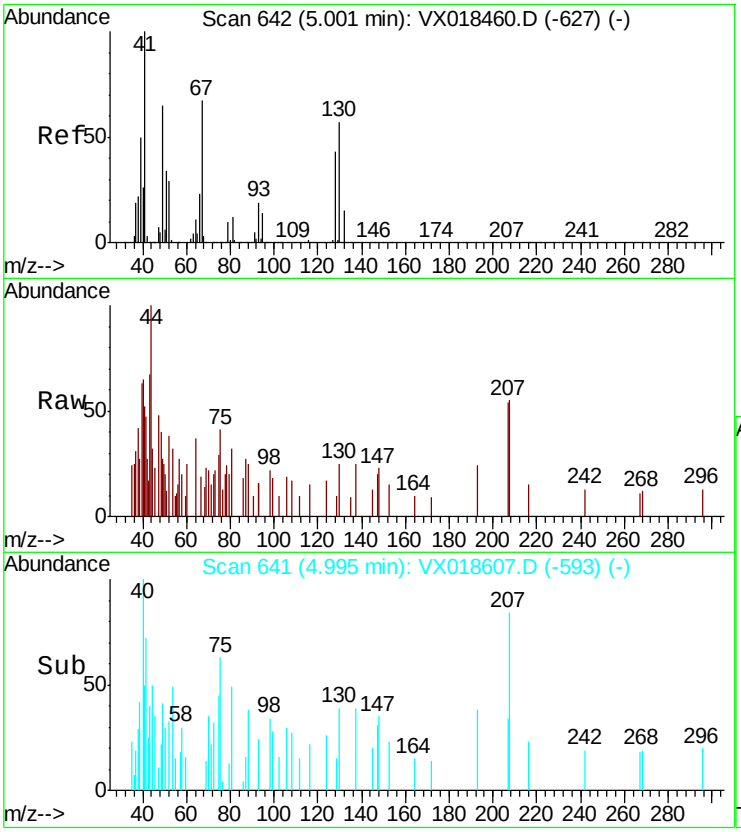


#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion:117 Resp: 46582

Ion	Ratio	Lower	Upper
117	100		
119	5.4	72.3	108.5#
121	0.0	23.8	35.8#



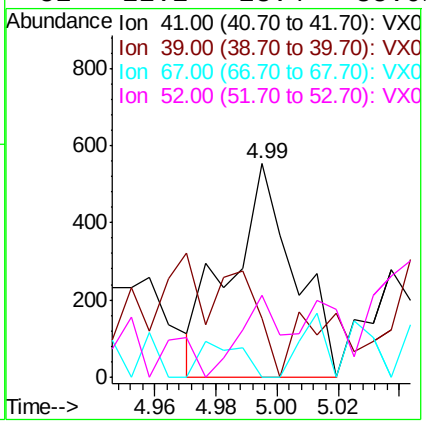


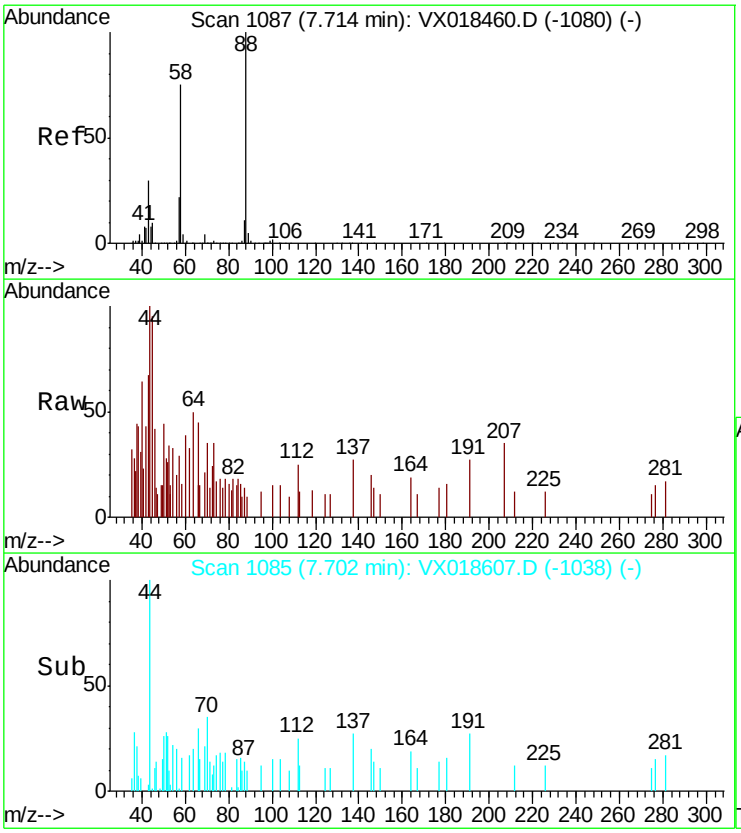
#41
Methacrylonitrile
Concen: 0.203 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 41 Resp: 809

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.3	67.9#
67	0.0	56.7	85.1#
52	22.2	23.4	35.0#

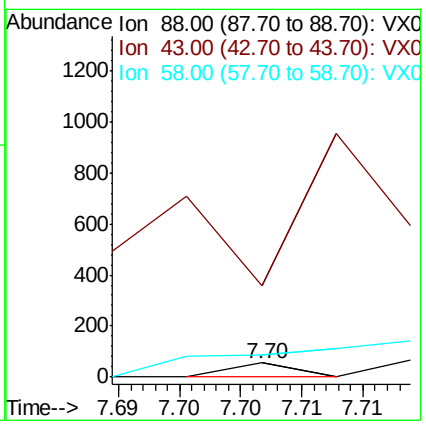


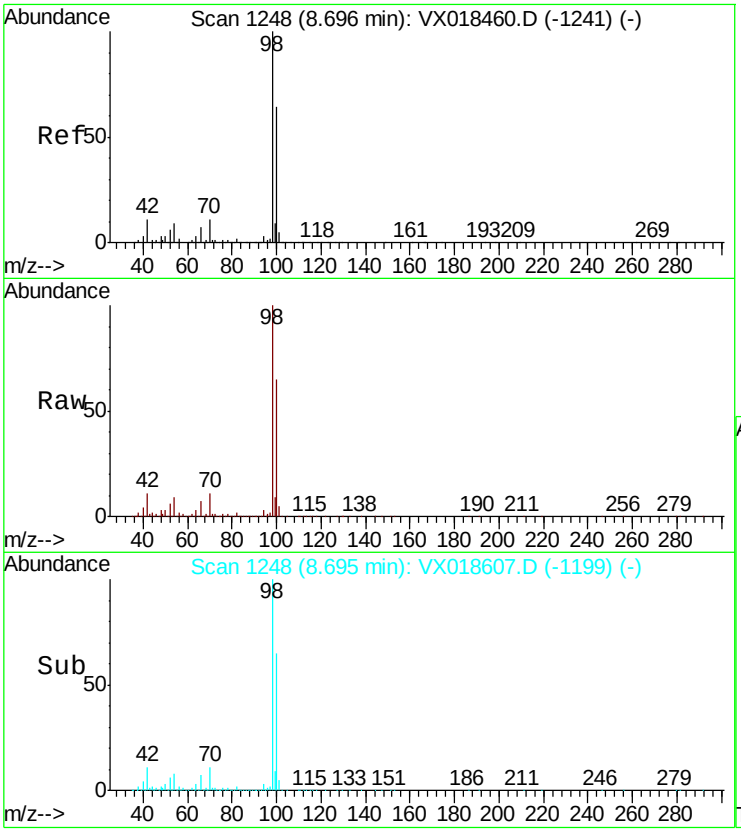


#49
1,4-Dioxane
Concen: 0.209 ug/l
RT: 7.70 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	3465.0	29.9	44.9#
58	770.0	59.0	88.6#



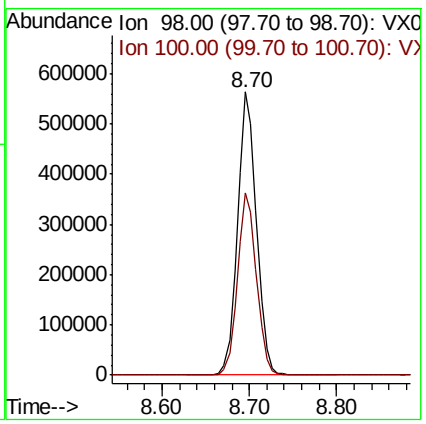


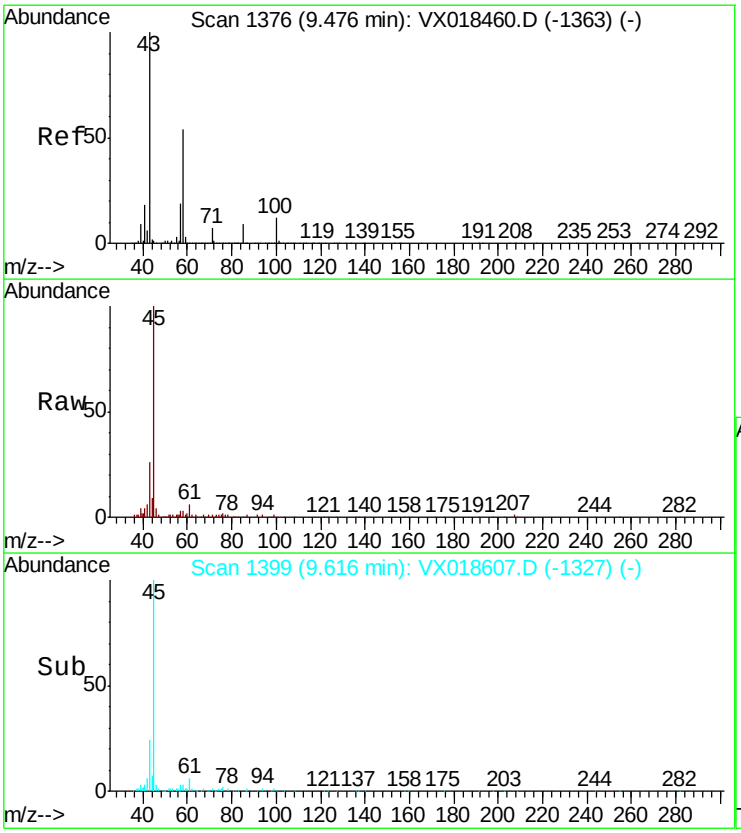
#50
Toluene-d8
Concen: 48.814 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument : MSVOA_X
ClientSampleId : MW-2

Tgt Ion: 98 Resp: 849160

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5

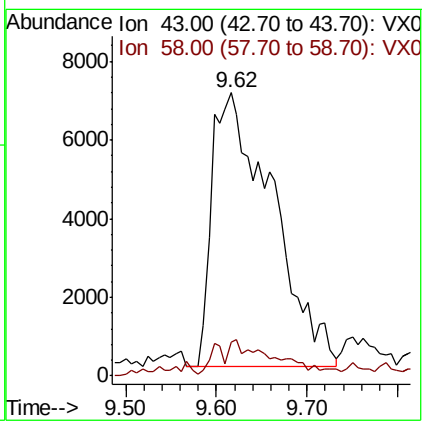


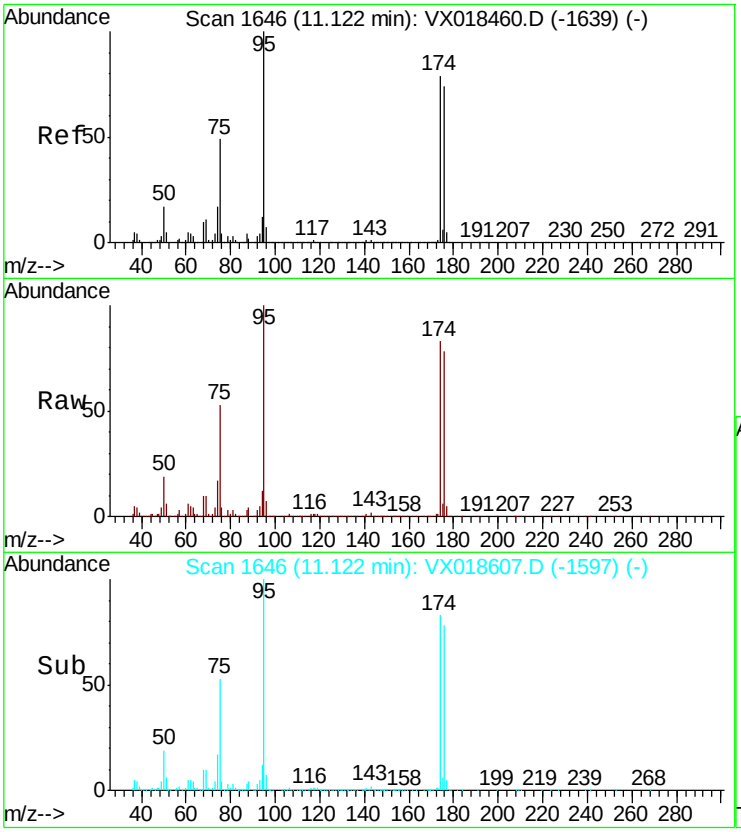


#59
2-Hexanone
Concen: 5.994 ug/l
RT: 9.62 min Scan# 1399
Delta R.T. 0.14 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 43 Resp: 32338

Ion	Ratio	Lower	Upper
43	100		
58	6.5	26.5	79.4#



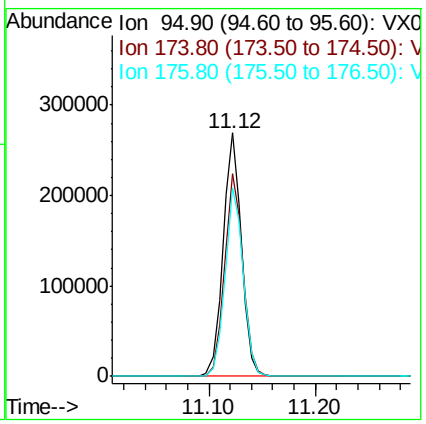


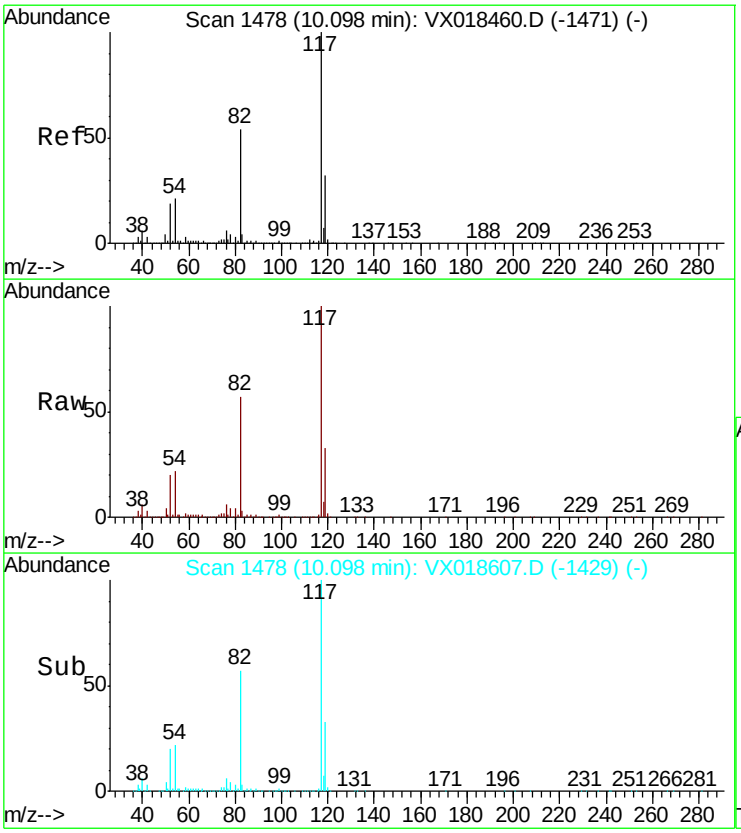
#62
4-Bromofluorobenzene
Concen: 46.703 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 95 Resp: 323171

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	161.4
176	77.4	0.0	151.4

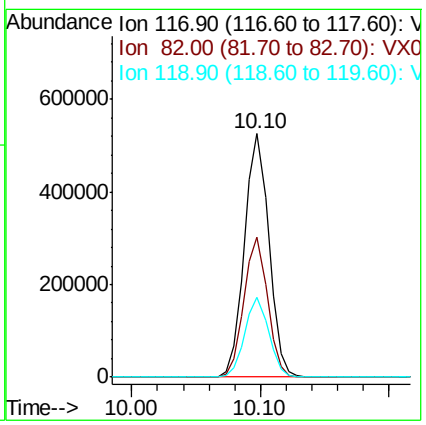


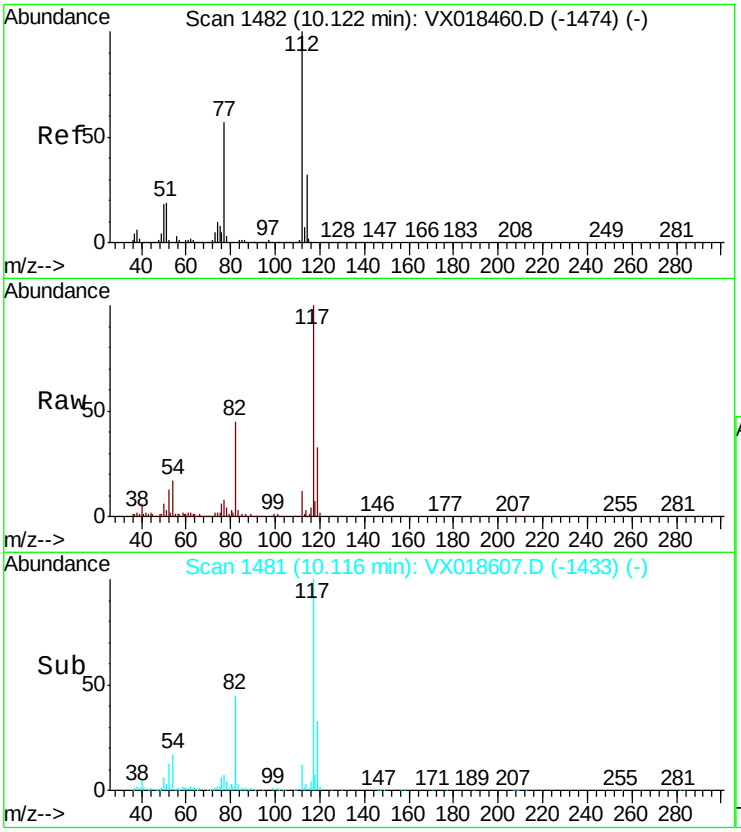


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion:117 Resp: 684519

Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.3	64.9
119	32.6	25.9	38.9



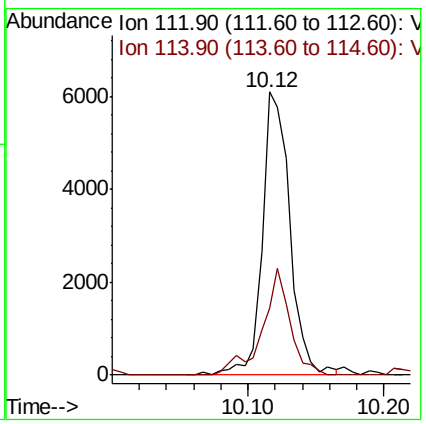


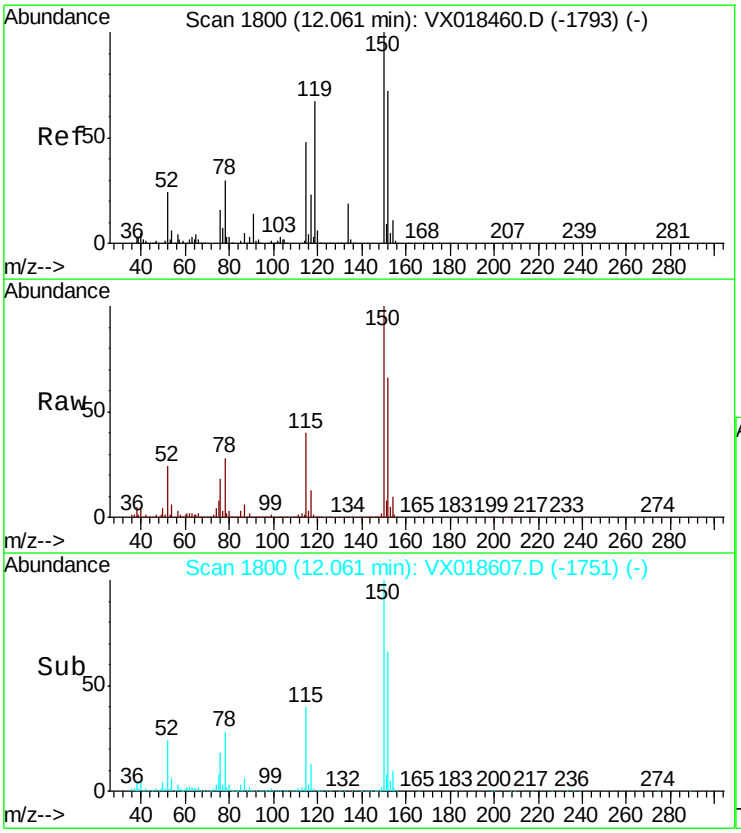
#65
Chlorobenzene
Concen: 0.617 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument : MSVOA_X
ClientSampleId : MW-2

Tgt Ion:112 Resp: 8701

Ion	Ratio	Lower	Upper
112	100		
114	23.7	25.4	38.0#

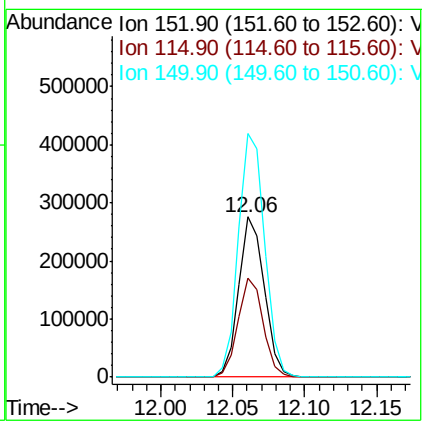


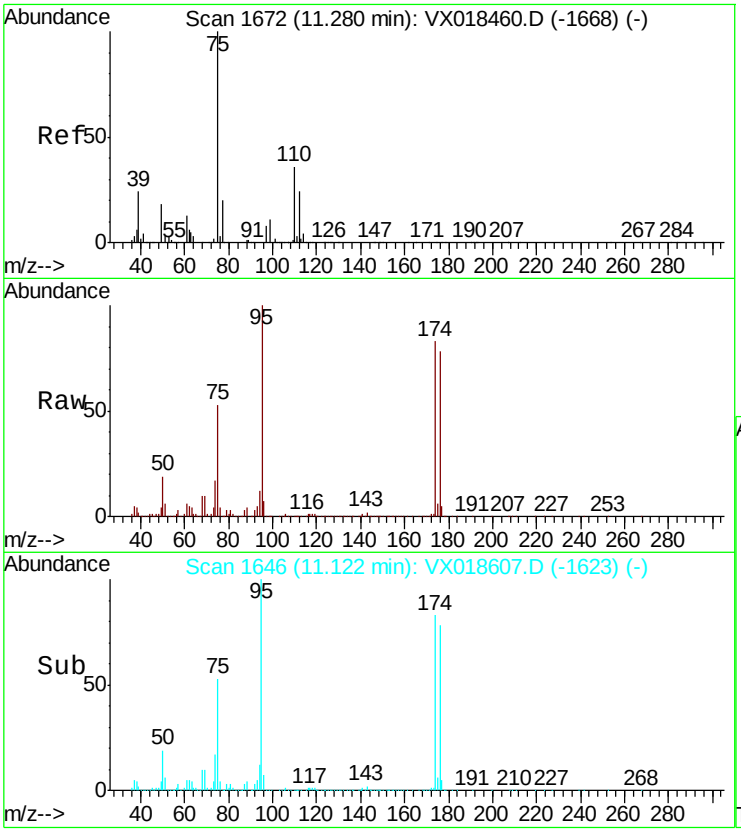


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion:152 Resp: 340218

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.8	125.4
150	156.5	0.0	342.4



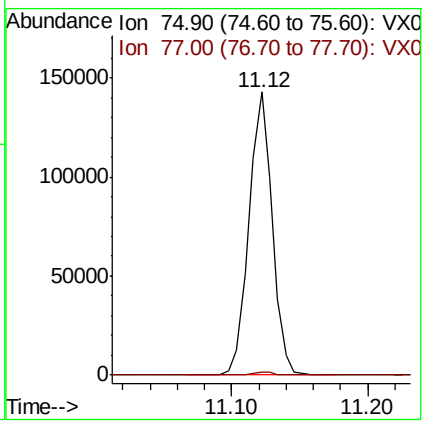


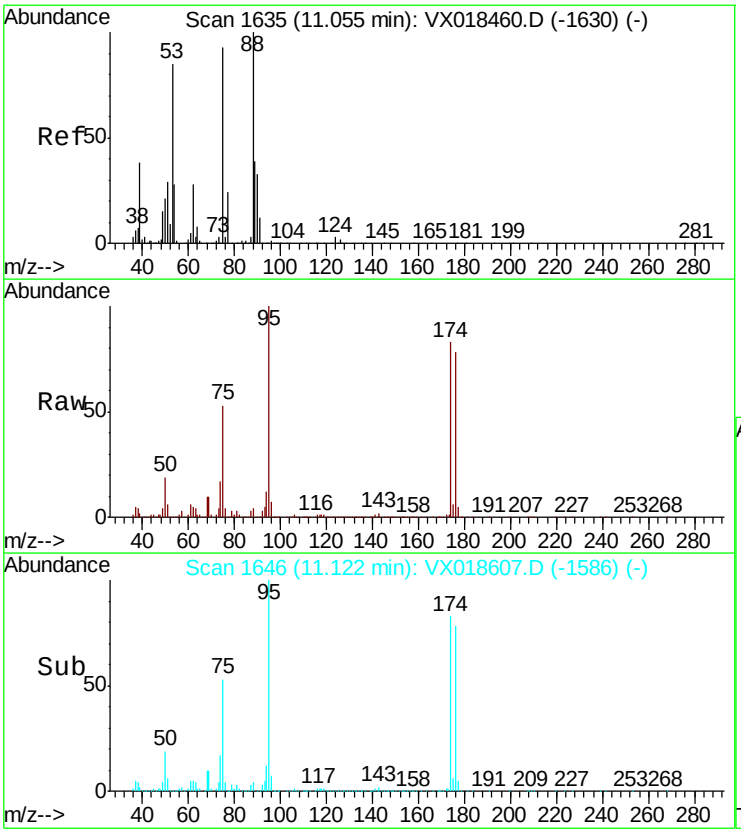
#76
1,2,3-Trichloropropane
Concen: 24.116 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 172413

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.7#

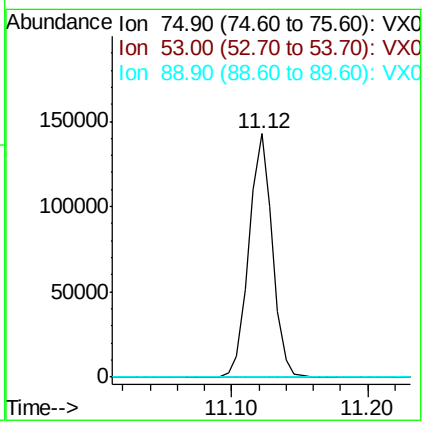


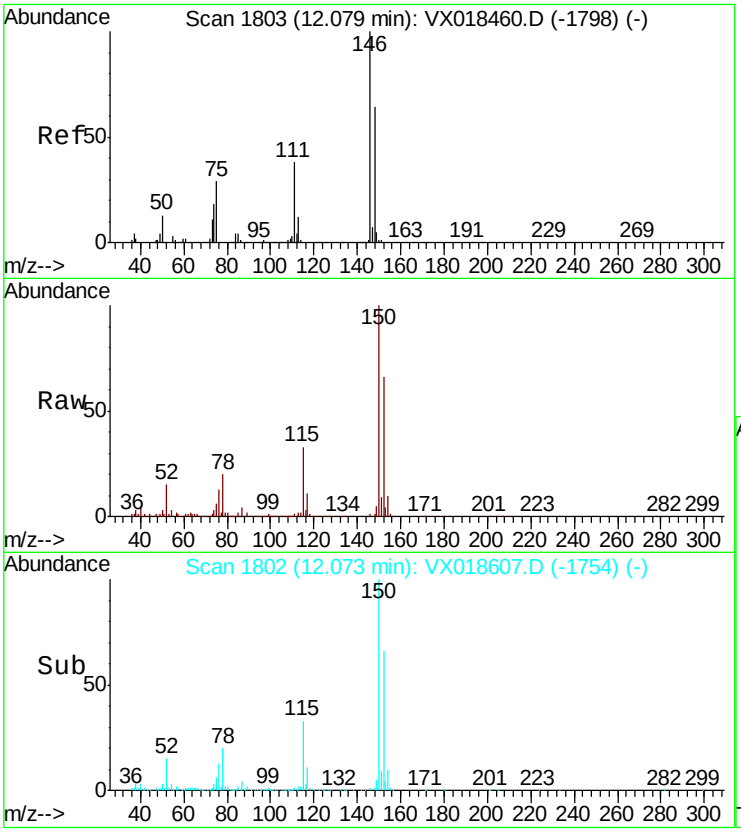


#81
trans-1,4-Dichloro-2-butene
Concen: 61.796 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 75 Resp: 172413

Ion	Ratio	Lower	Upper
75	100		
53	0.3	74.6	111.8#
89	0.1	36.2	54.4#





#88
1,4-Dichlorobenzene
Concen: 0.319 ug/l
RT: 12.07 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:146 Resp: 3651

Ion	Ratio	Lower	Upper
146	100		
111	181.0	19.4	58.4#
148	91.8	31.8	95.4