Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
Data File : VX018004.D
Acq On : 20 Aug 2020 00:04
Operator : JC/SP
Sample : L3694-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1D-081320

Quant Time: Aug 20 04:26:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	478405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	739976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	738857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	314928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	341482	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
35) Dibromofluoromethane	5.47	113	271068	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.38%			
50) Toluene-d8	8.70	98	950218	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
62) 4-Bromofluorobenzene	11.12	95	335861	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	613	1.072	ug/l #	45
3) Chloromethane	1.32	50	3502	0.535	ug/l	94
4) Vinyl Chloride	1.39	62	585	2.342	ug/l #	77
8) Diethyl Ether	2.17	74	798	0.273	ug/l	75
11) Tert butyl alcohol	3.04	59	446	0.329	ug/l #	71
13) Acrolein	2.28	56	449	0.628	ug/l #	10
16) Acetone	2.42	43	11038	4.001	ug/l	97
17) Carbon Disulfide	2.56	76	4400	0.421	ug/l #	76
19) Methyl tert-butyl Ether	3.19	73	3700	0.224	ug/l #	55
20) Methylene Chloride	2.83	84	7180	1.412	ug/l	87
21) trans-1,2-Dichloroethene	3.14	96	1518	0.342	ug/l #	39
25) 2-Butanone	4.66	43	939	0.225	ug/l #	66
27) cis-1,2-Dichloroethene	4.57	96	26431	5.054	ug/l	89
30) Chloroform	5.18	83	2099	0.215	ug/l #	80
31) Cyclohexane	5.64	56	9482	1.308	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	37500	6.055	ug/l #	50
38) Carbon Tetrachloride	5.63	117	49403	6.163	ug/l #	14
39) Methylcyclohexane	7.43	83	552	0.882	ug/l #	79
42) 1,2-Dichloroethane	6.15	62	1597	0.202	ug/l	87
44) Trichloroethene	7.19	130	6607	1.194	ug/l	87
49) 1,4-Dioxane	7.73	88	304	2.504	ug/l #	42
60) Dibromochloromethane	9.32	129	79264	11.319	ug/l #	10
64) Tetrachloroethene	9.32	164	79991	14.176	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	171846	25.659	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	171846	67.408	ug/l #	12

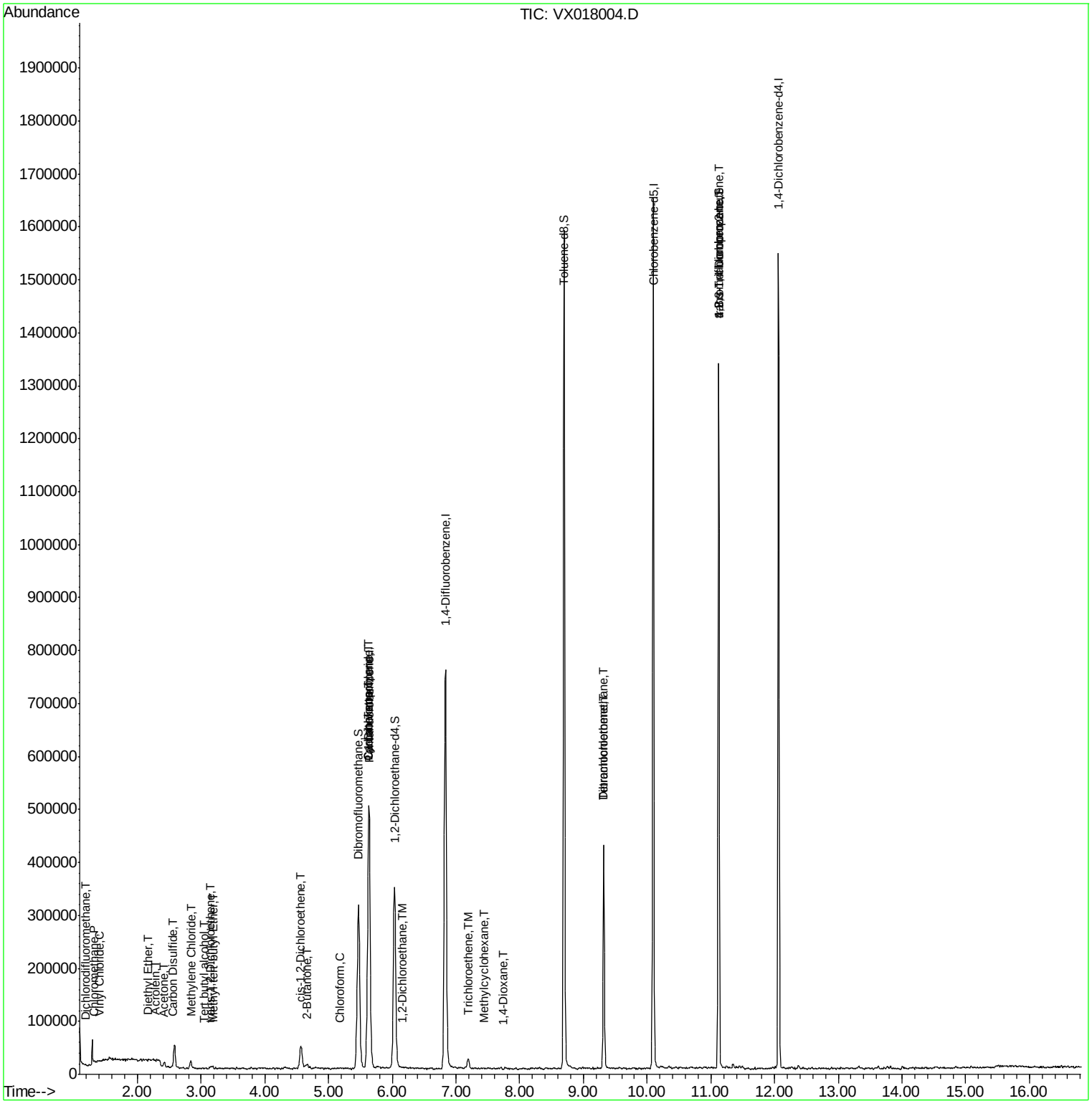
(#) = qualifier out of range (m) = manual integration (+) = signals summed

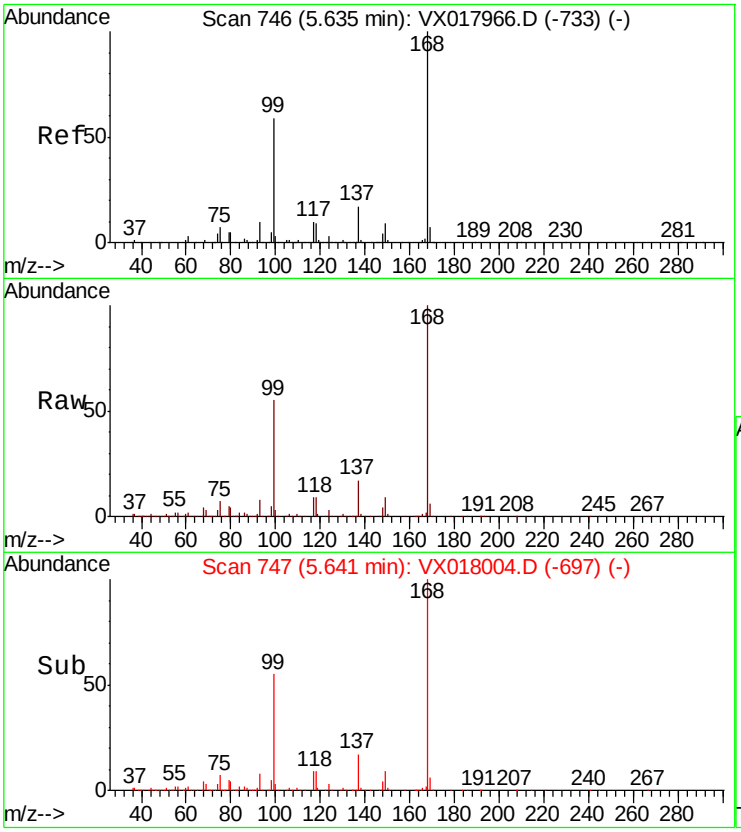
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
Data File : VX018004.D
Acq On : 20 Aug 2020 00:04
Operator : JC/SP
Sample : L3694-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Quant Time: Aug 20 04:26:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration



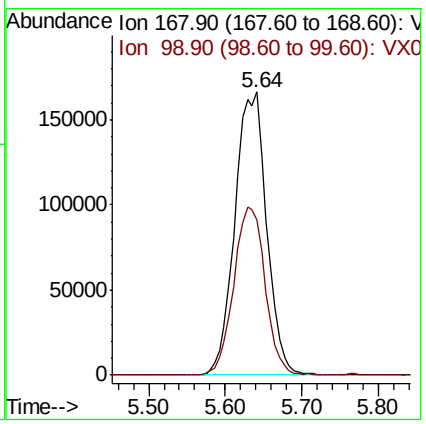


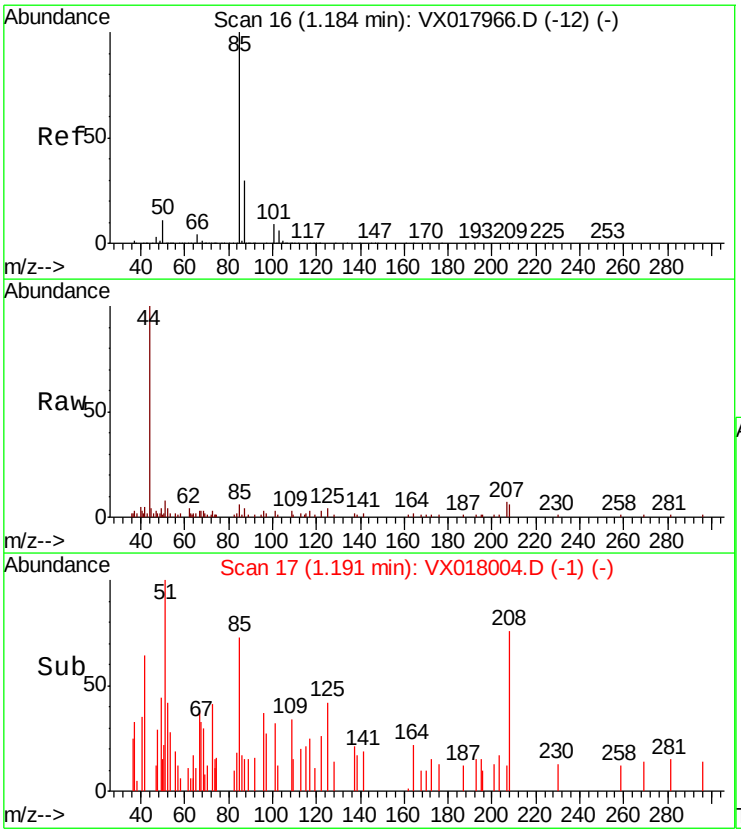
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 747
Delta R.T. 0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion:168 Resp: 478405

Ion	Ratio	Lower	Upper
168	100		
99	54.8	47.4	71.2

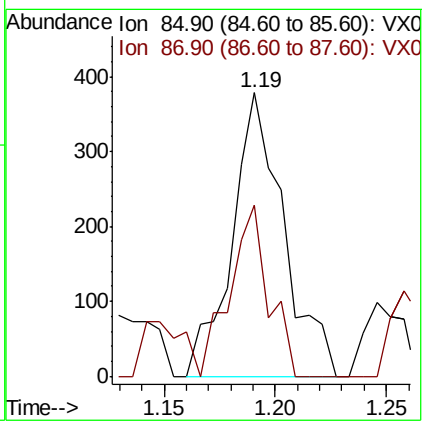


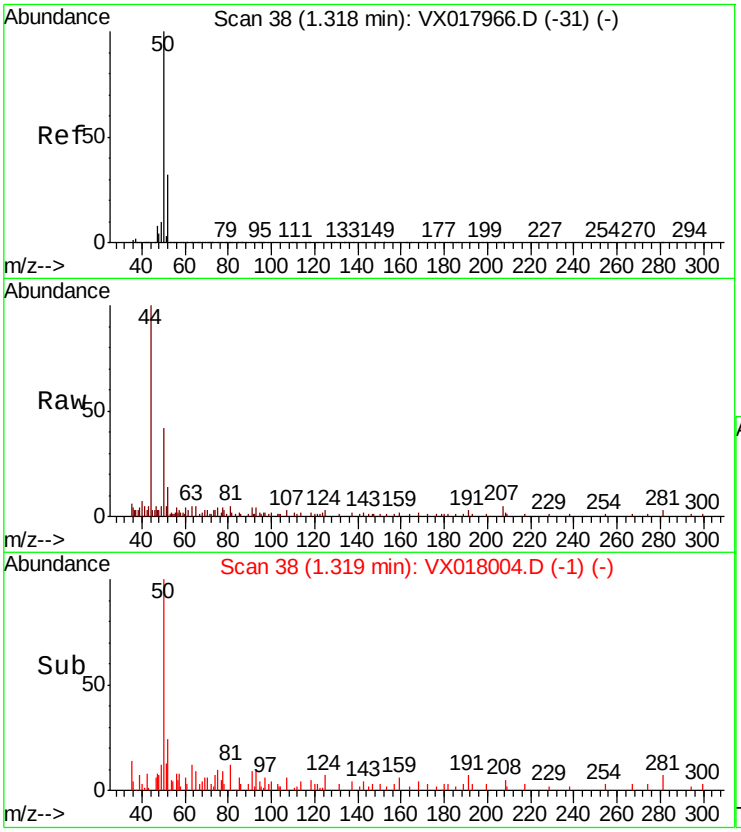


#2
Dichlorodifluoromethane
Concen: 1.072 ug/l
RT: 1.19 min Scan# 17
Delta R.T. 0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 85 Resp: 613

Ion	Ratio	Lower	Upper
85	100		
87	60.3	15.3	45.8#



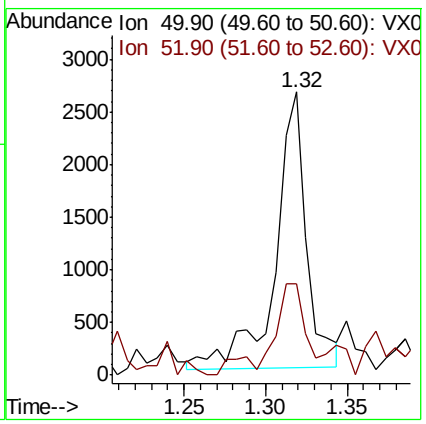


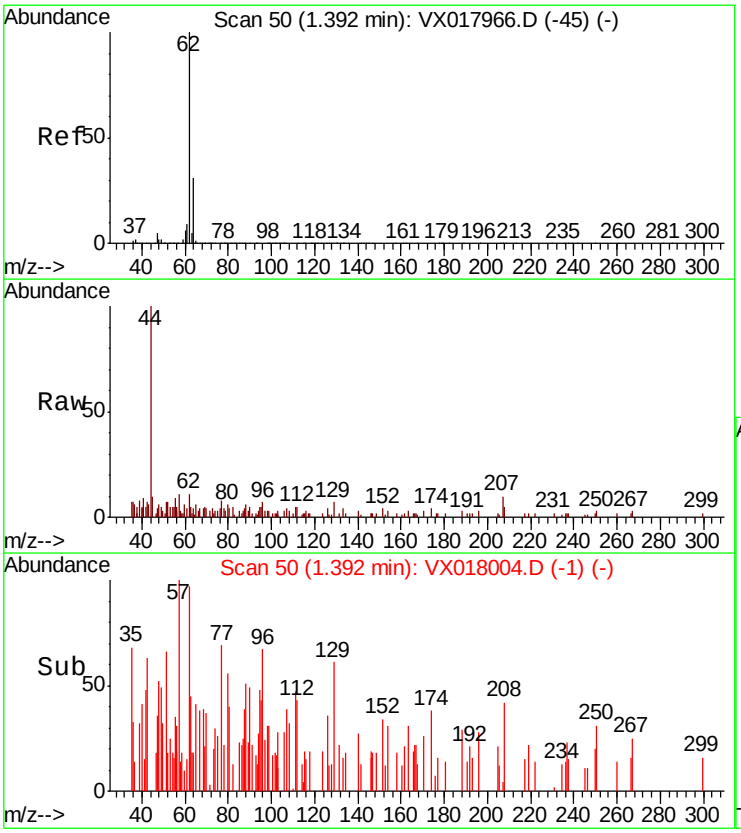
#3
Chloromethane
Concen: 0.535 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion: 50 Resp: 3502

Ion	Ratio	Lower	Upper
50	100		
52	28.2	25.4	38.0

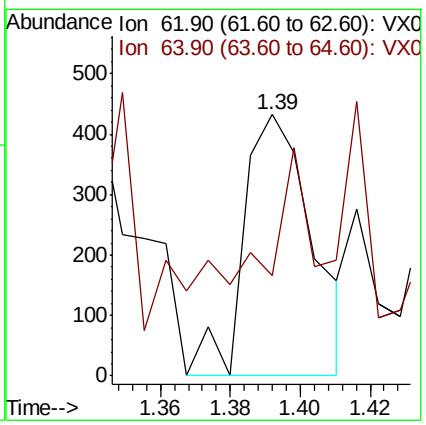


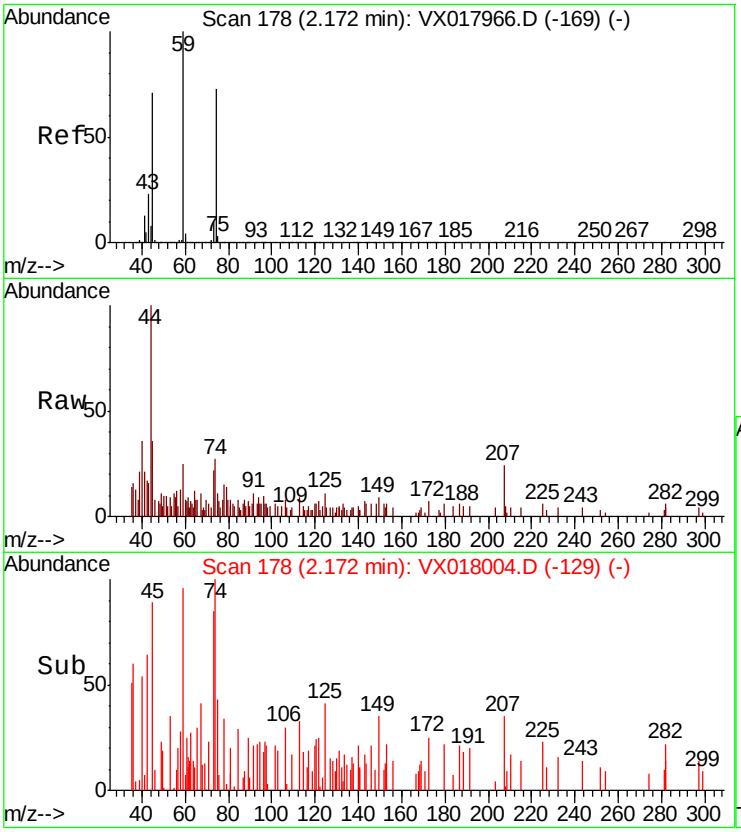


#4
Vinyl Chloride
Concen: 2.342 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 62 Resp: 585

Ion	Ratio	Lower	Upper
62	100		
64	18.3	24.7	37.1#



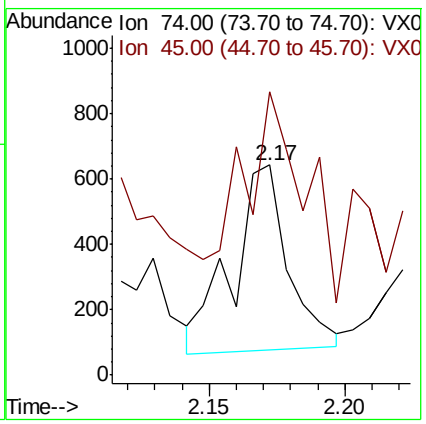


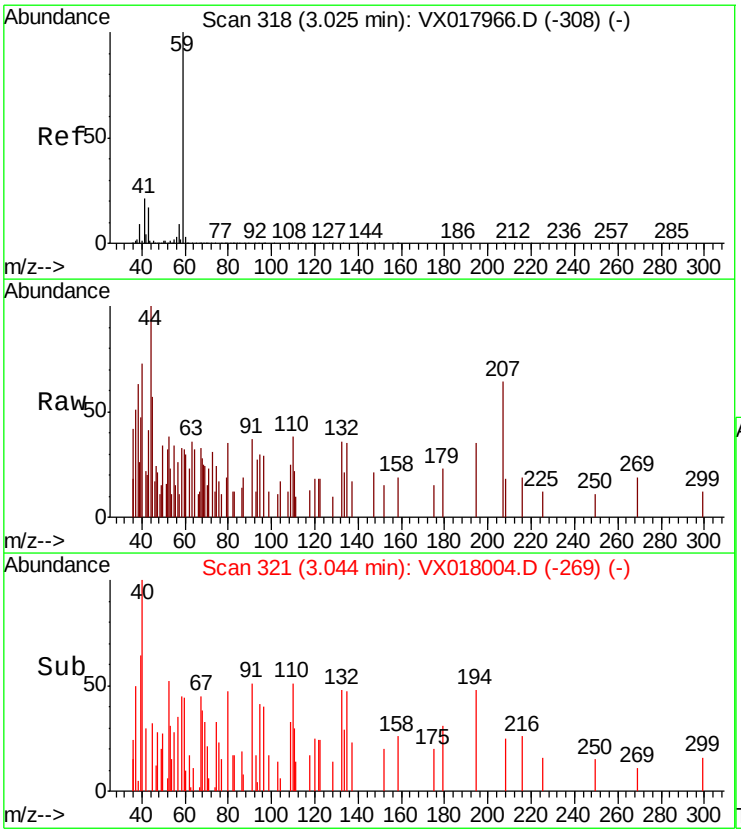
#8
Diethyl Ether
Concen: 0.273 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument : MSVOA_X
ClientSampleId : MW-1D-081320

Tgt Ion: 74 Resp: 798

Ion	Ratio	Lower	Upper
74	100		
45	126.7	50.5	151.6

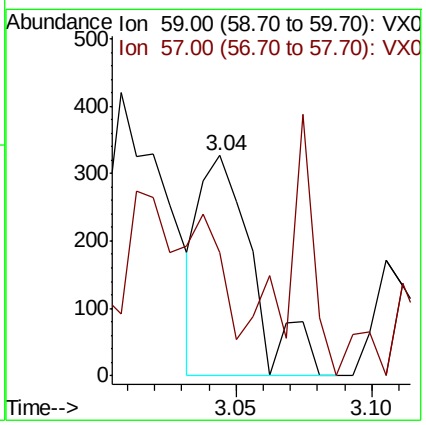


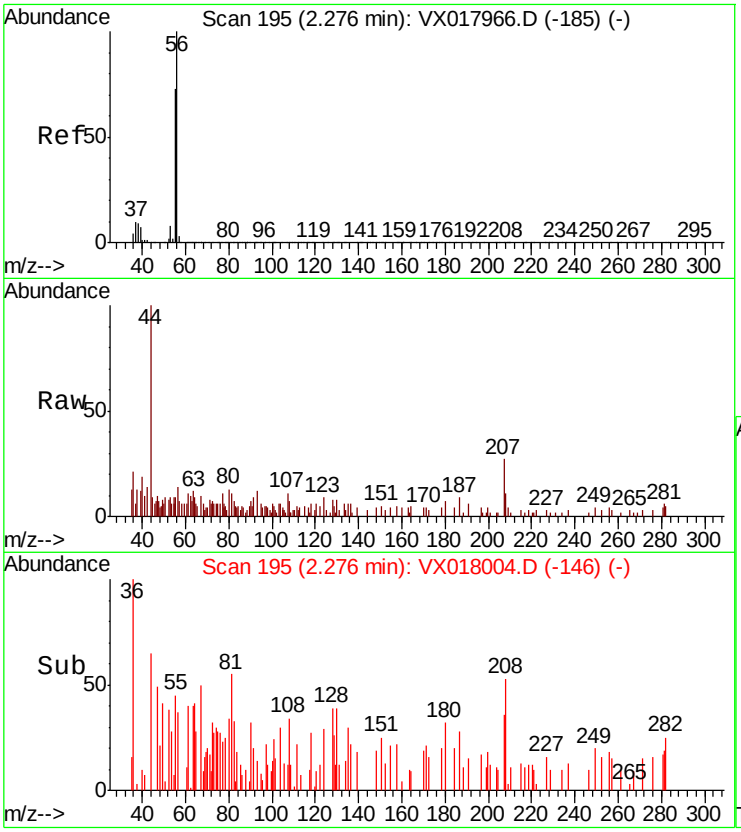


#11
Tert butyl alcohol
Concen: 0.329 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.02 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 59 Resp: 446

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



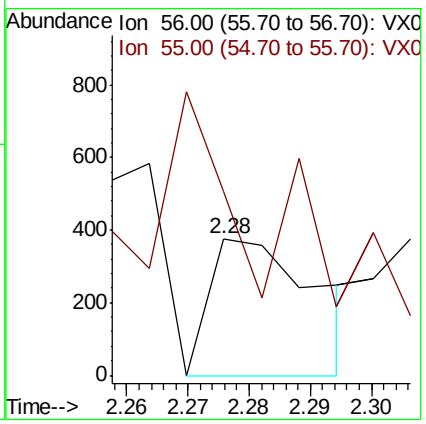


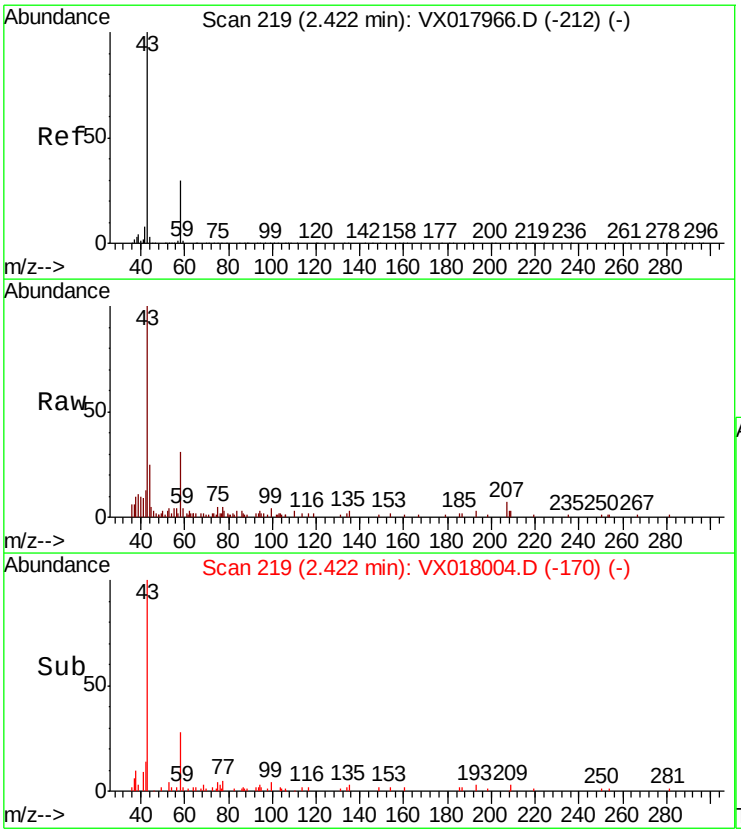
#13
Acrolein
Concen: 0.628 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion: 56 Resp: 449

Ion	Ratio	Lower	Upper
56	100		
55	148.1	58.2	87.4#

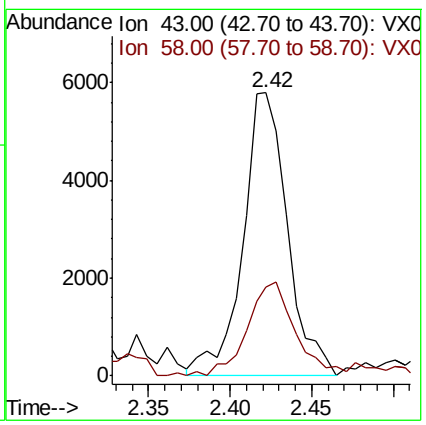


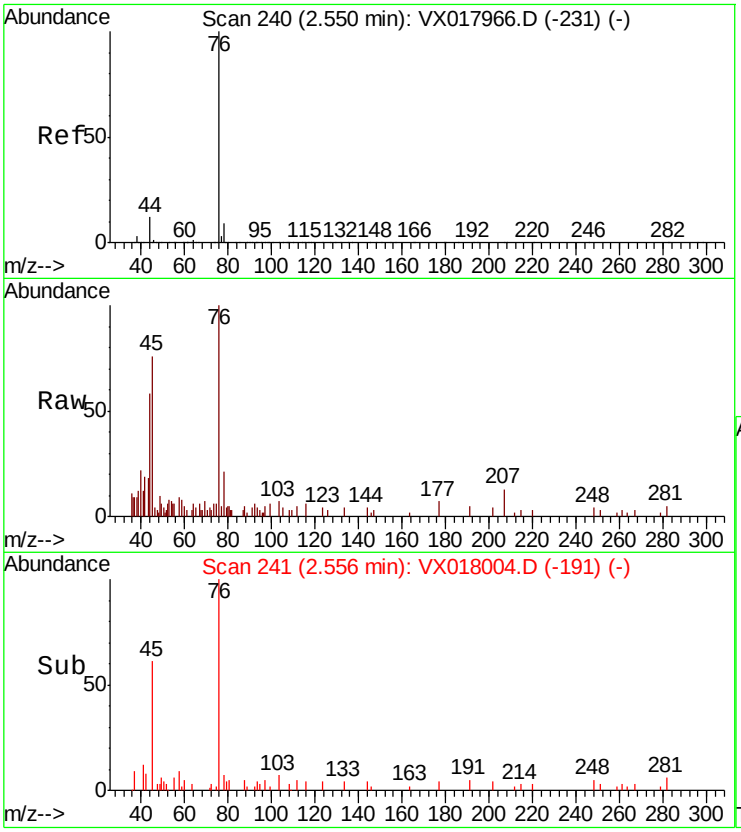


#16
Acetone
Concen: 4.001 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 43 Resp: 11038

Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.8	35.8



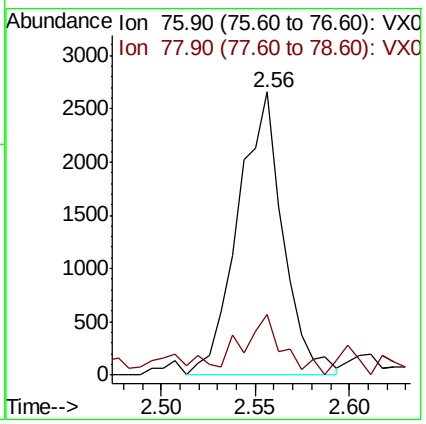


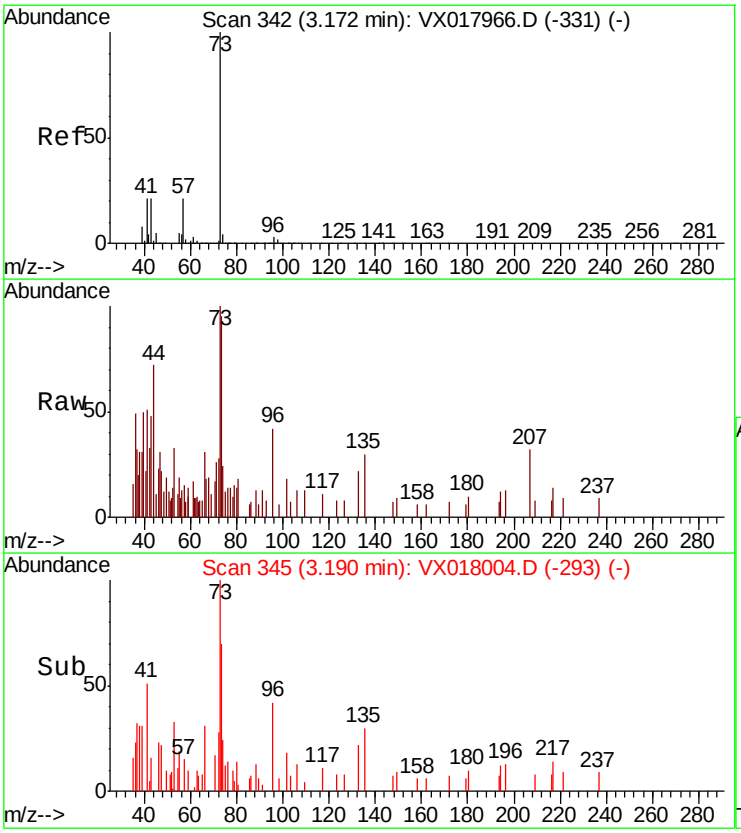
#17
Carbon Disulfide
Concen: 0.421 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument : MSVOA_X
ClientSampleId : MW-1D-081320

Tgt Ion: 76 Resp: 4400

Ion	Ratio	Lower	Upper
76	100		
78	17.9	7.3	10.9#

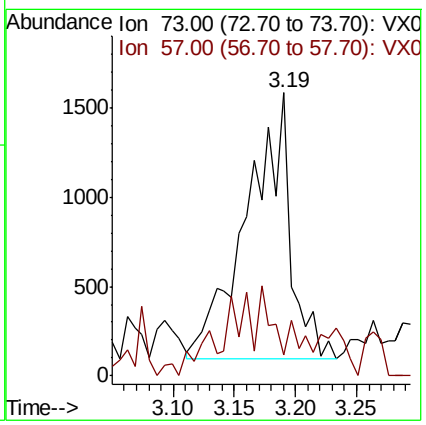


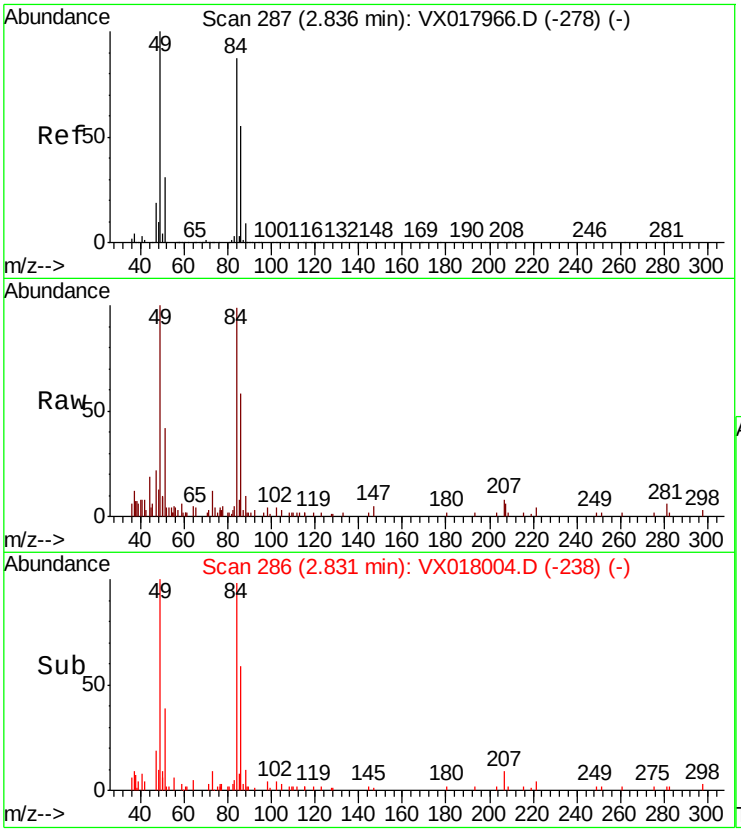


#19
Methyl tert-butyl Ether
Concen: 0.224 ug/l
RT: 3.19 min Scan# 345
Delta R.T. 0.02 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 73 Resp: 3700

Ion	Ratio	Lower	Upper
73	100		
57	0.0	16.9	25.3#



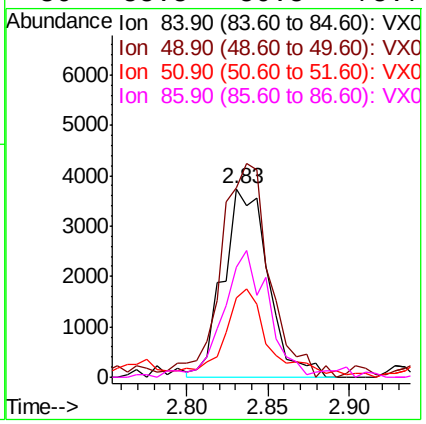


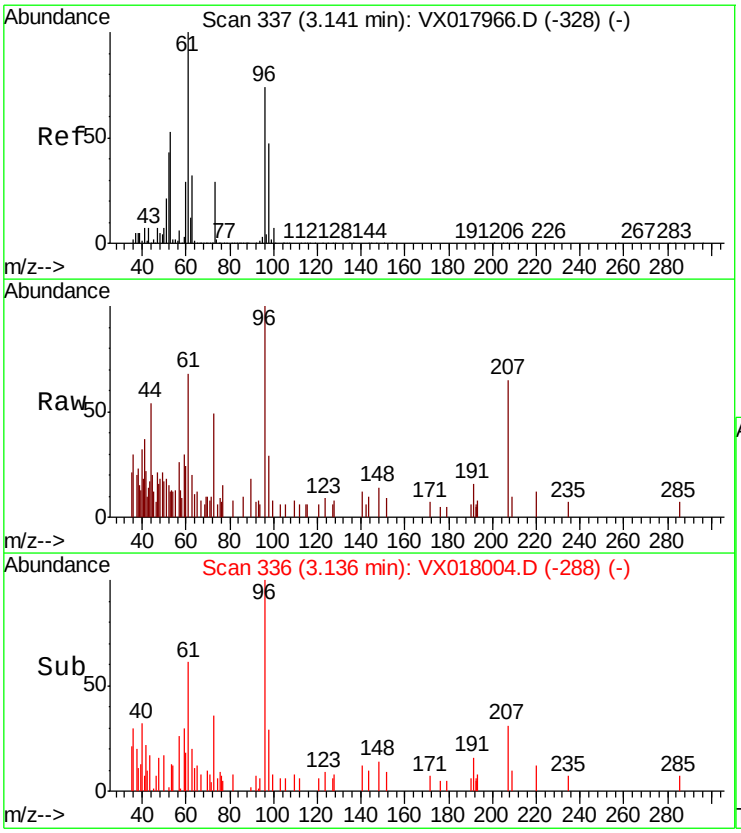
#20
Methylene Chloride
Concen: 1.412 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion: 84 Resp: 7180

Ion	Ratio	Lower	Upper
84	100		
49	96.9	91.8	137.6
51	38.3	27.8	41.8
86	55.5	50.5	75.7

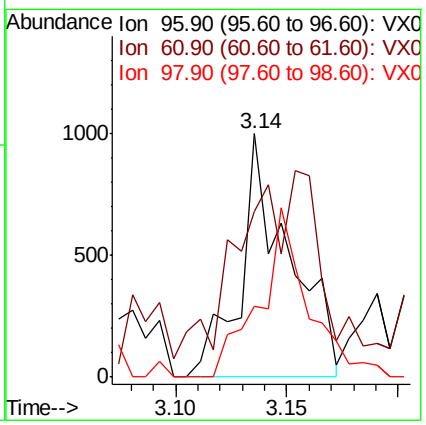


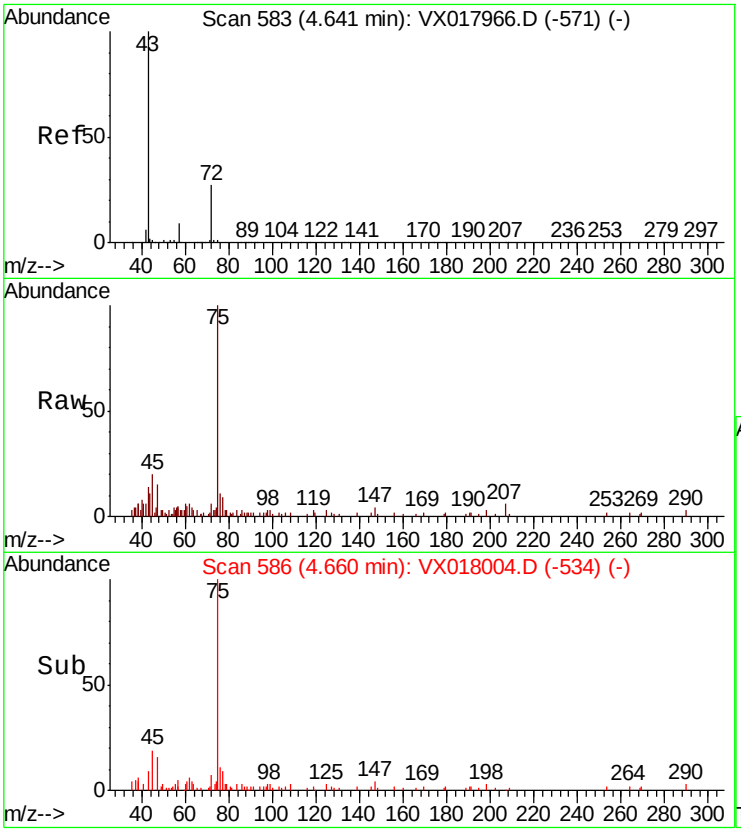


#21
trans-1,2-Dichloroethene
Concen: 0.342 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 96 Resp: 1518

Ion	Ratio	Lower	Upper
96	100		
61	53.5	108.6	163.0#
98	28.9	51.4	77.0#



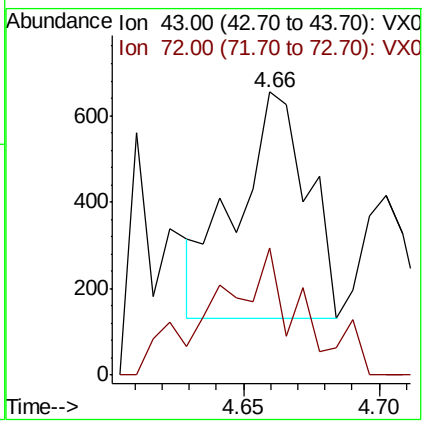


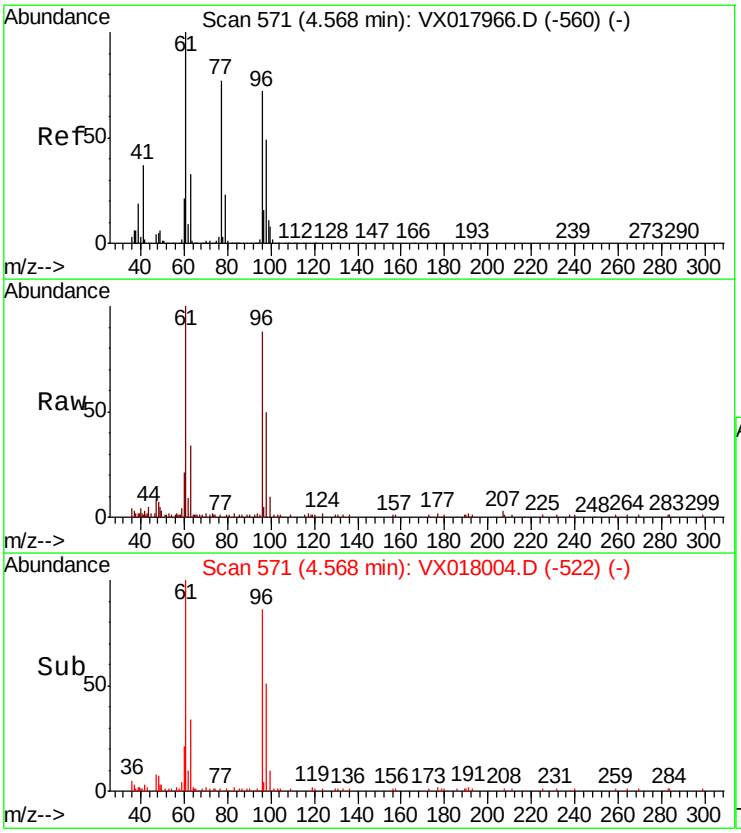
#25
2-Butanone
Concen: 0.225 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument : MSVOA_X
ClientSampleId : MW-1D-081320

Tgt Ion: 43 Resp: 939

Ion	Ratio	Lower	Upper
43	100		
72	44.3	21.4	32.2#

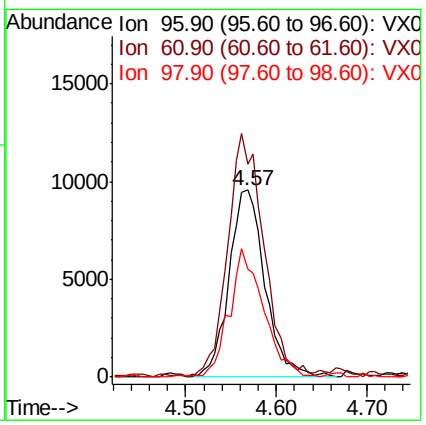


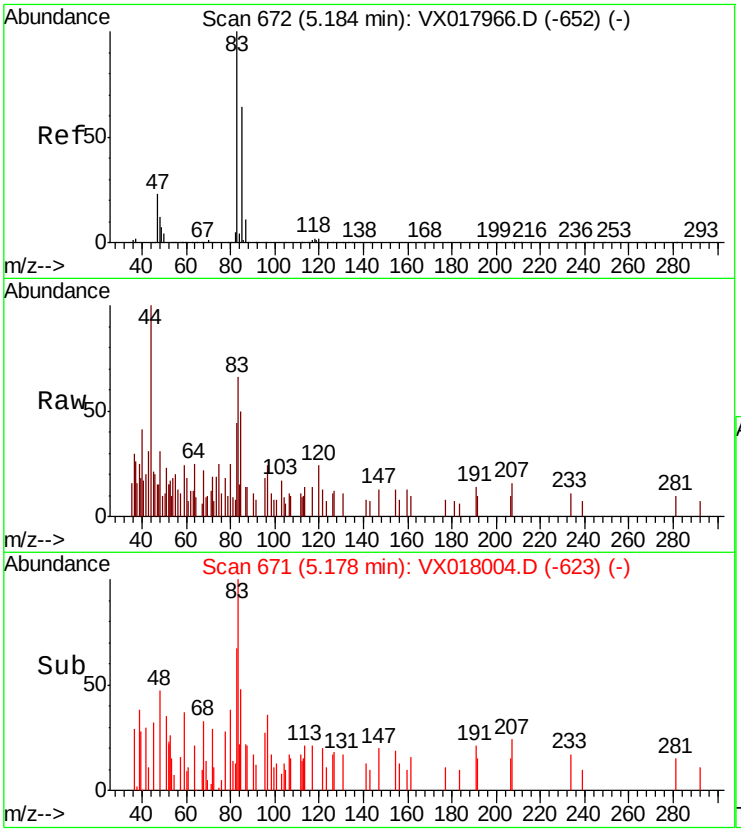


#27
cis-1,2-Dichloroethene
Concen: 5.054 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 96 Resp: 26431

Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	298.8
98	64.9	0.0	130.2



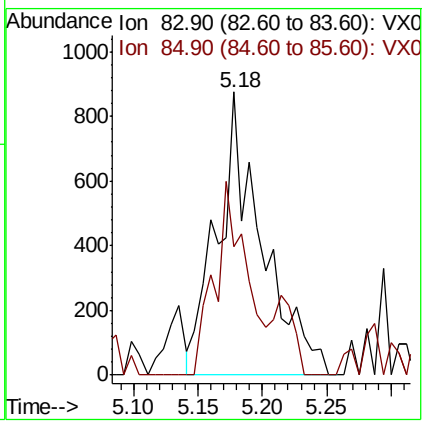


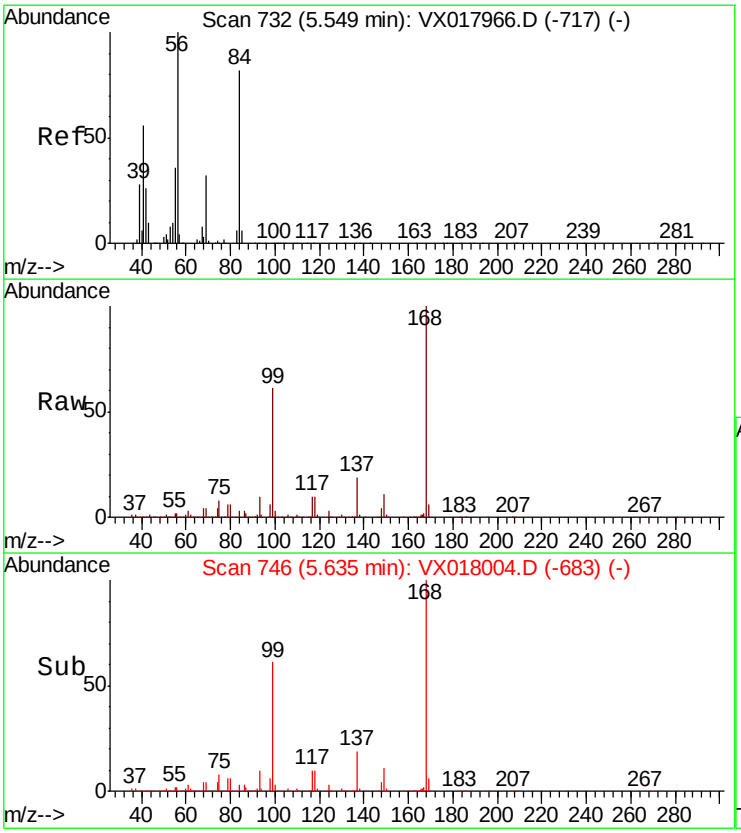
#30
Chloroform
Concen: 0.215 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion: 83 Resp: 2099

Ion	Ratio	Lower	Upper
83	100		
85	48.4	51.3	76.9#

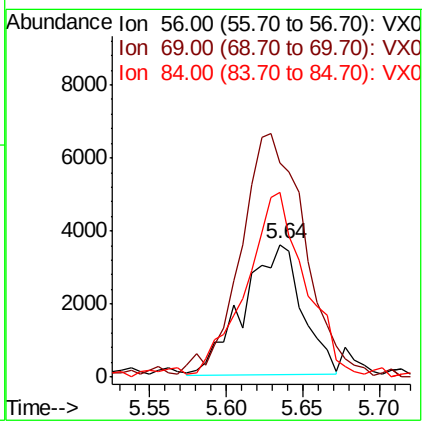


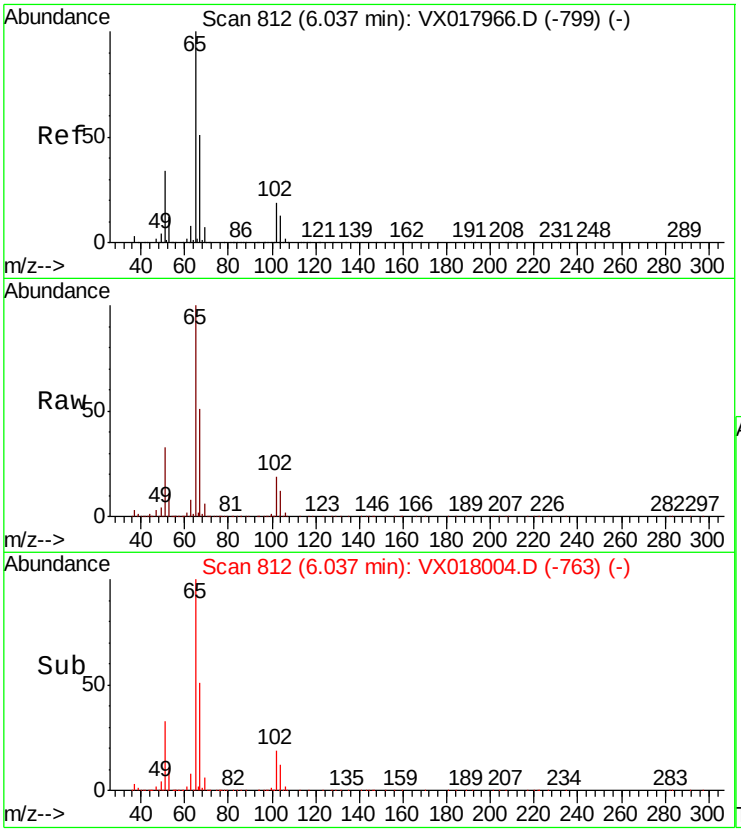


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 56 Resp: 9482

Ion	Ratio	Lower	Upper
56	100		
69	158.8	25.3	37.9#
84	141.7	65.3	97.9#



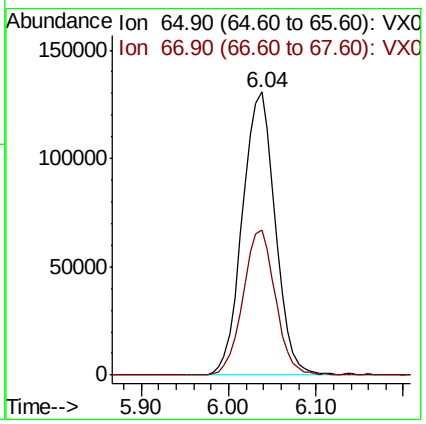


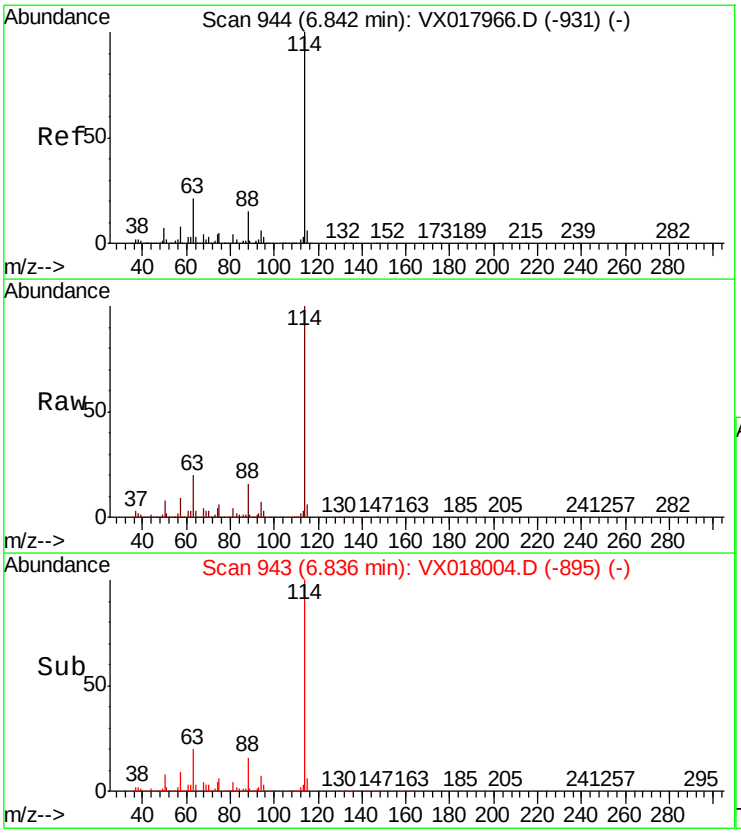
#33
1,2-Dichloroethane-d4
Concen: 48.692 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion: 65 Resp: 341482

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.0

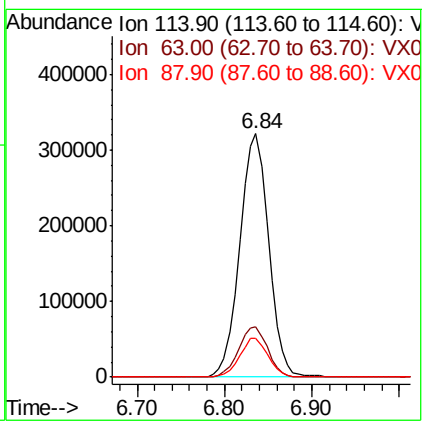


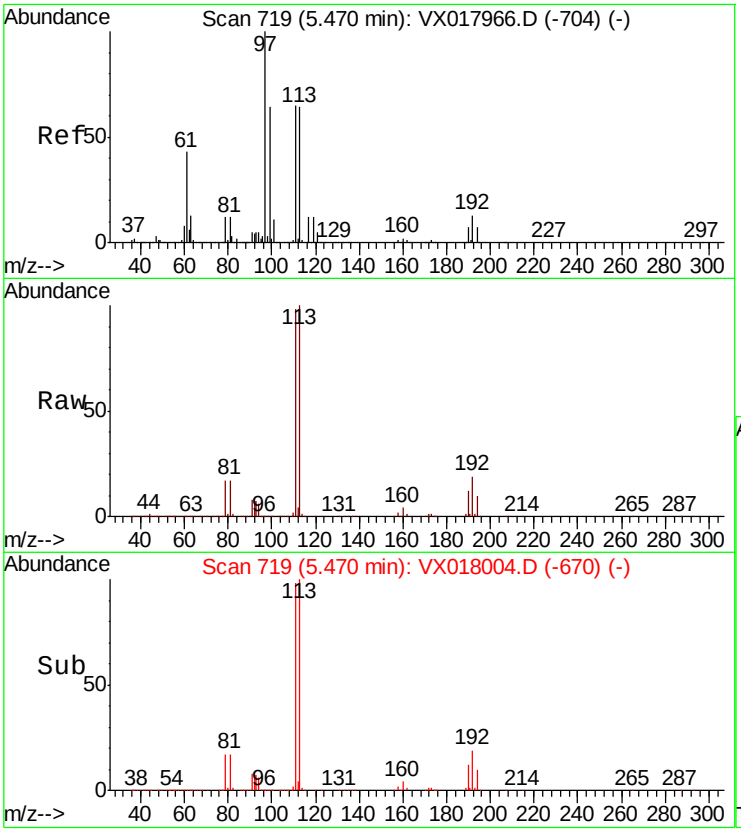


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion:114 Resp: 739976

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.0	0.0	30.2



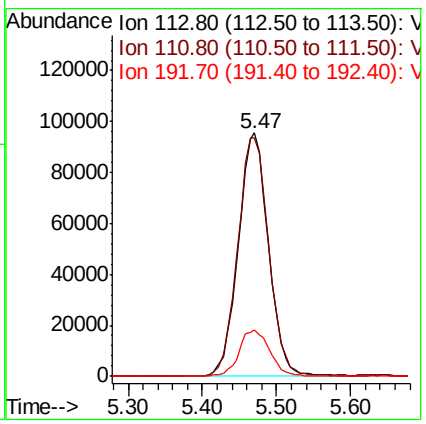


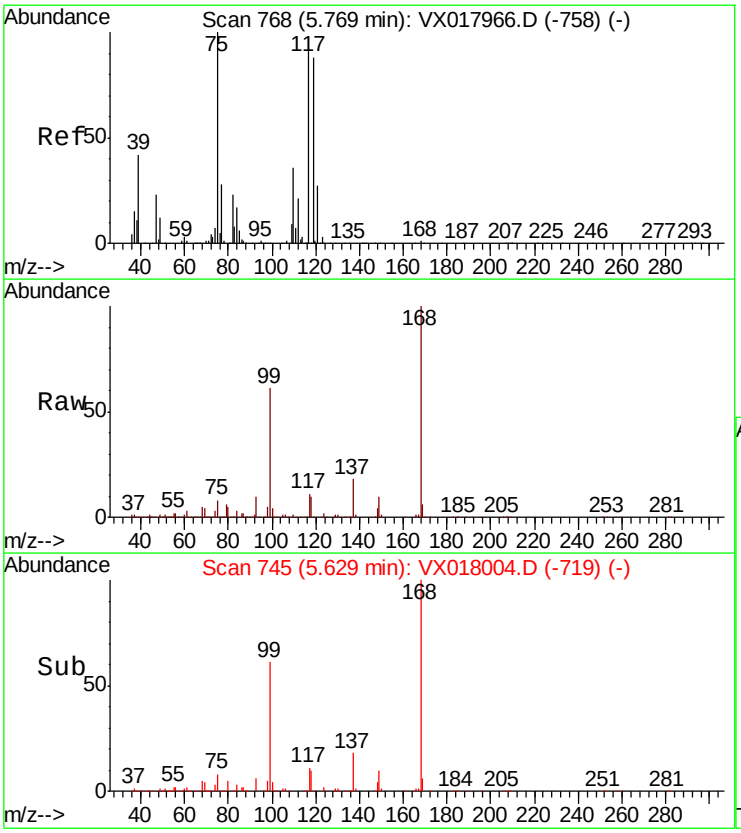
#35
Dibromofluoromethane
Concen: 49.191 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion:113 Resp: 271068

Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.5	125.3
192	19.4	16.2	24.4

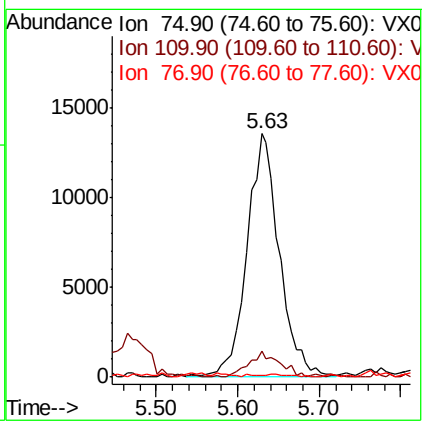


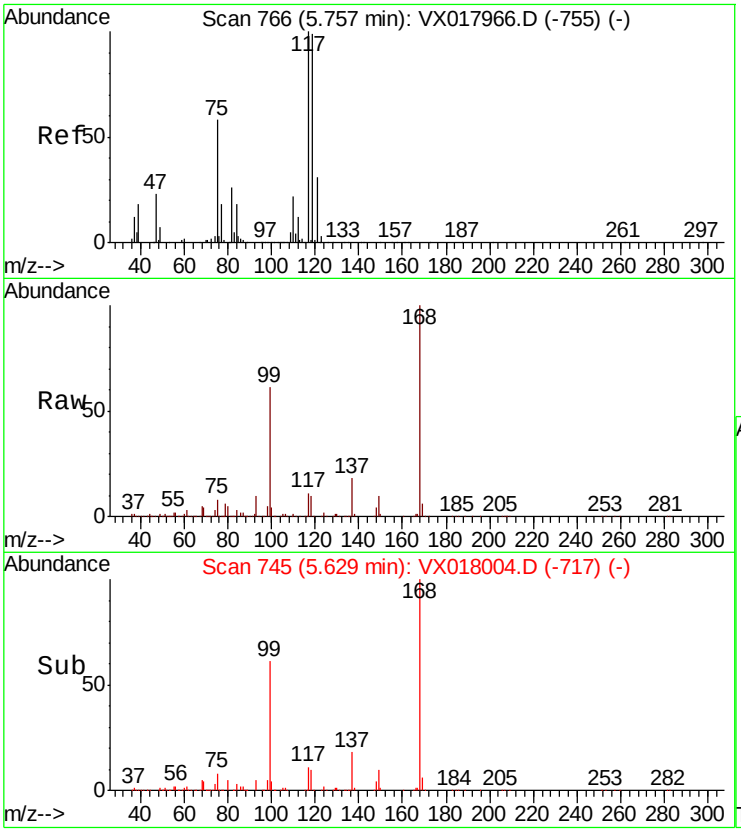


#36
1,1-Dichloropropene
Concen: 6.055 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 75 Resp: 37500

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.7	56.1#
77	0.8	24.4	36.6#



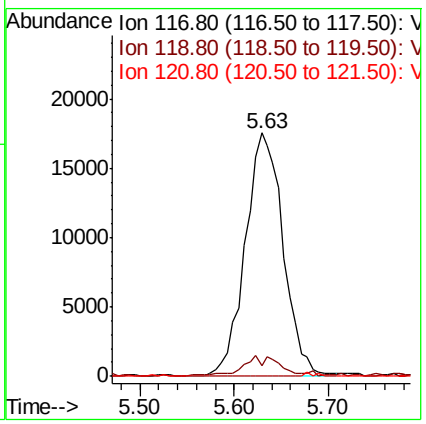


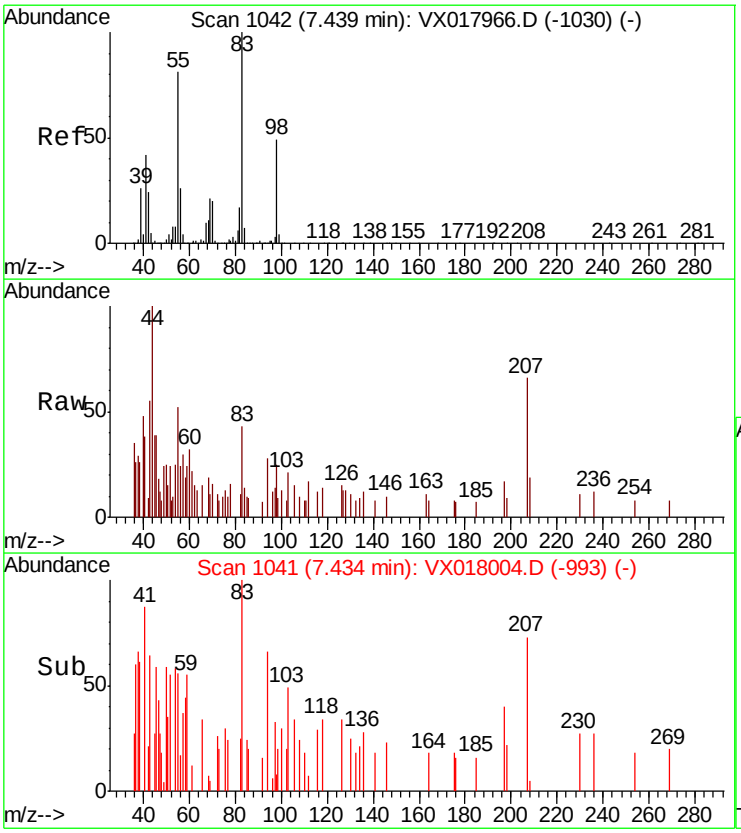
#38
Carbon Tetrachloride
Concen: 6.163 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion:117 Resp: 49403

Ion	Ratio	Lower	Upper
117	100		
119	4.3	79.0	118.6#
121	0.0	24.7	37.1#

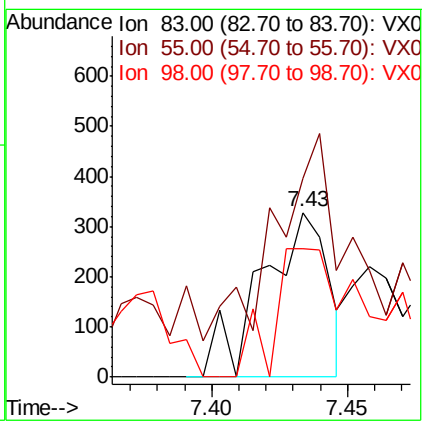


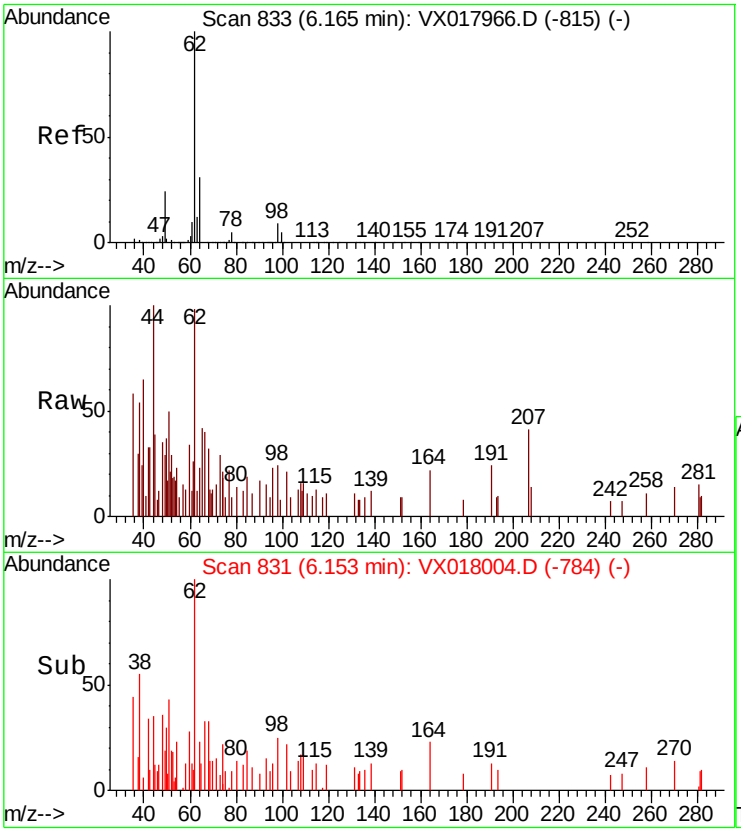


#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 83 Resp: 552

Ion	Ratio	Lower	Upper
83	100		
55	90.0	64.5	96.7
98	75.3	39.0	58.6#



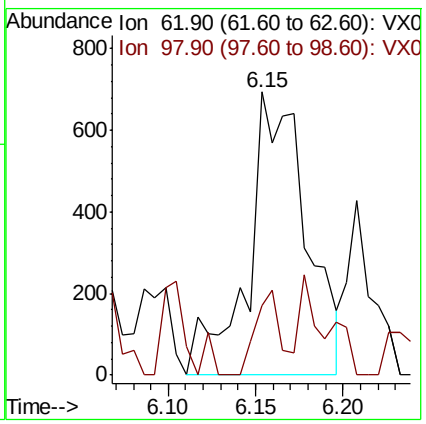


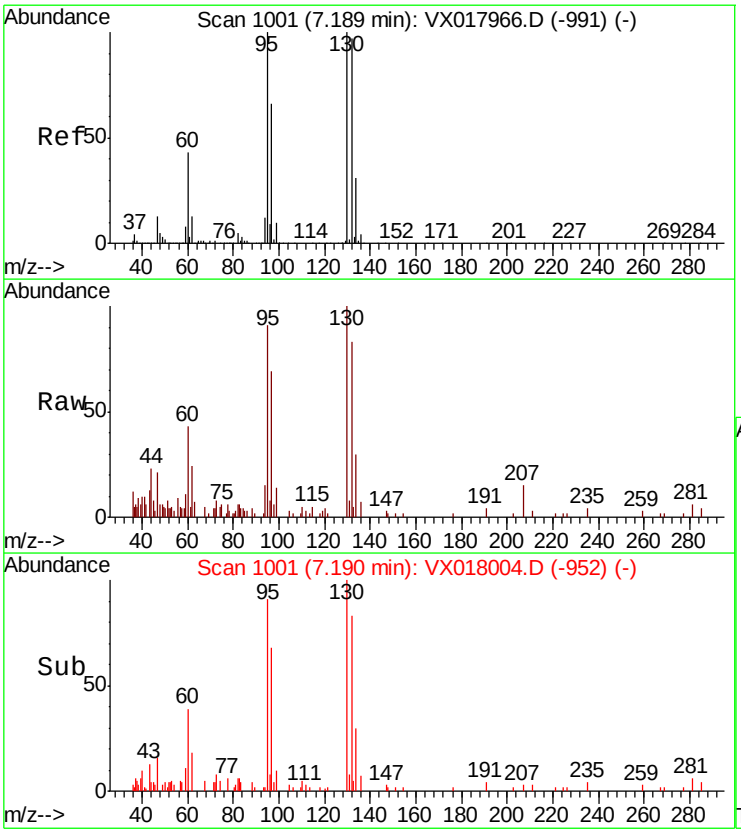
#42
1,2-Dichloroethane
Concen: 0.202 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion: 62 Resp: 1597

Ion	Ratio	Lower	Upper
62	100		
98	13.3	0.0	17.2

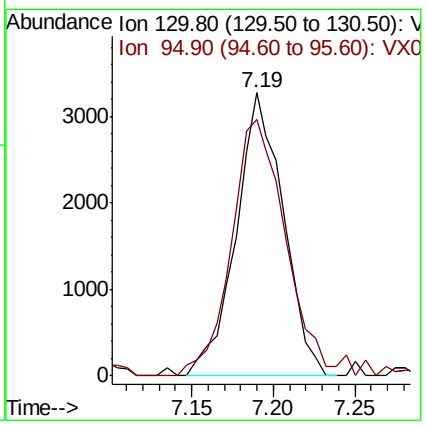


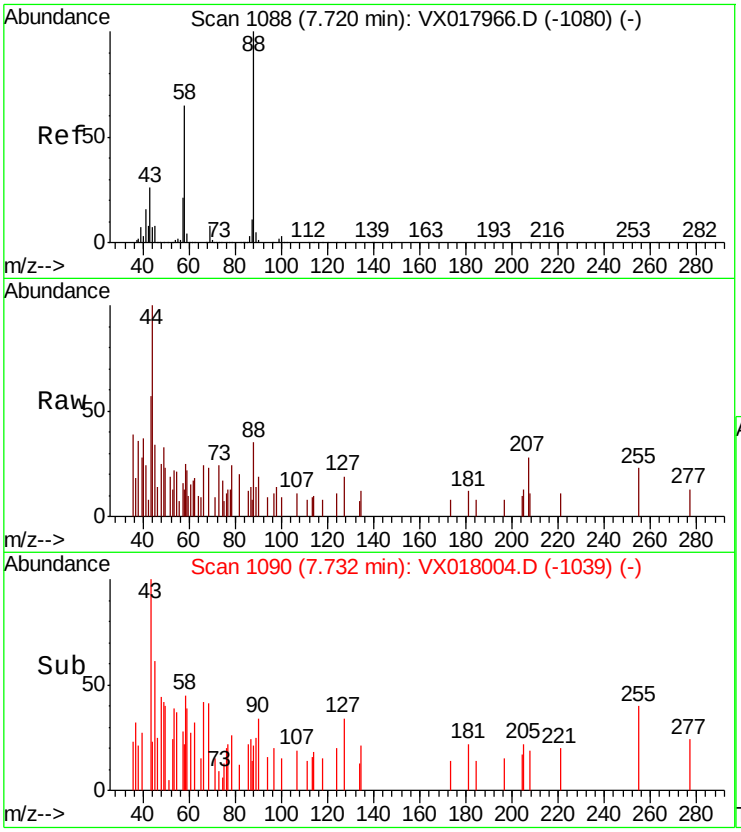


#44
Trichloroethene
Concen: 1.194 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion:130 Resp: 6607

Ion	Ratio	Lower	Upper
130	100		
95	87.0	0.0	200.6



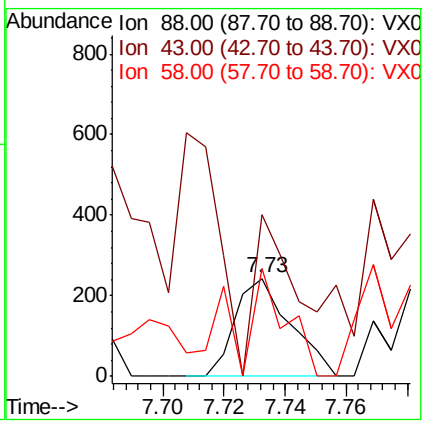


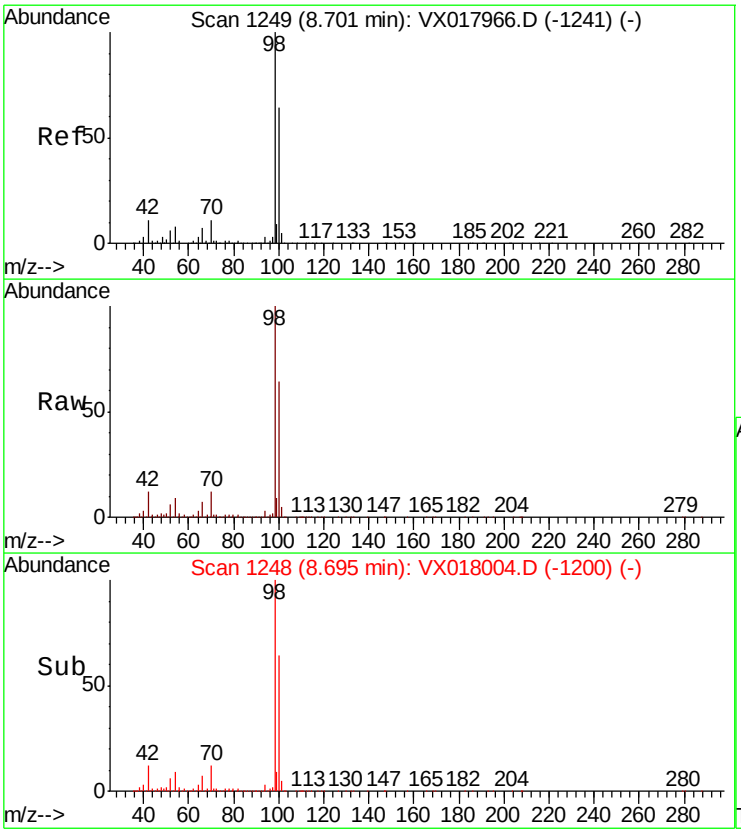
#49
1,4-Dioxane
Concen: 2.504 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion: 88 Resp: 304

Ion	Ratio	Lower	Upper
88	100		
43	126.0	27.3	40.9#
58	64.5	57.7	86.5

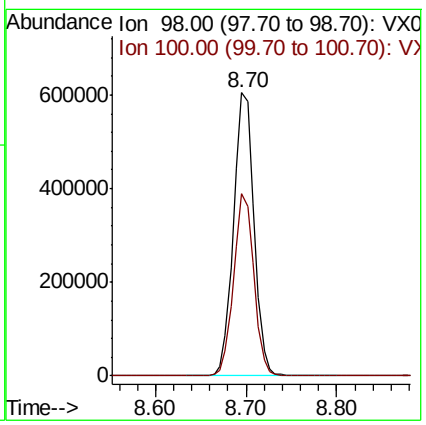


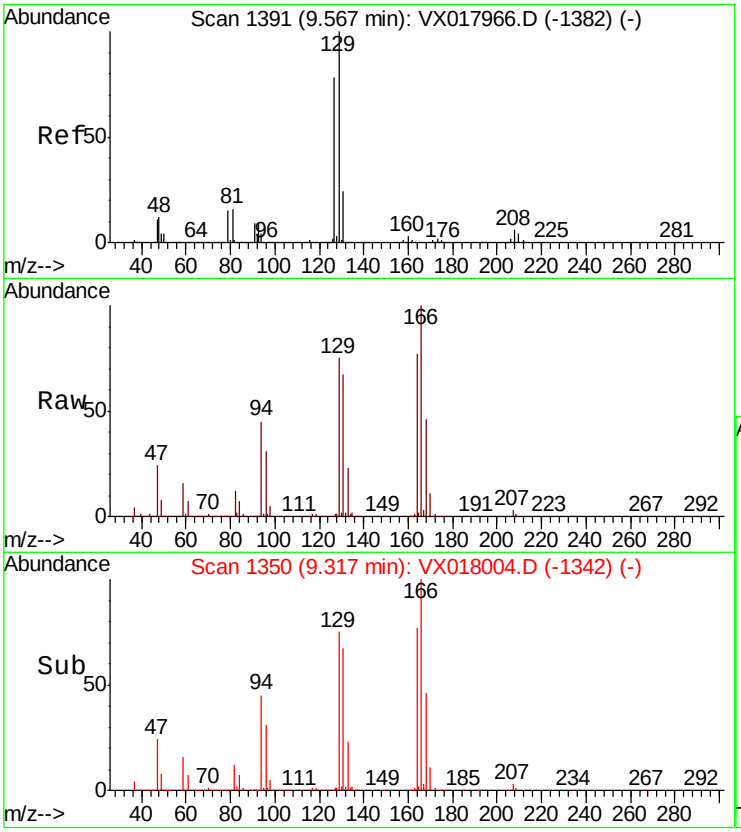


#50
Toluene-d8
Concen: 48.783 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 98 Resp: 950218

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.2



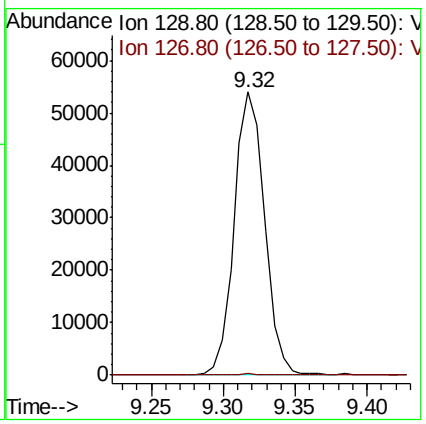


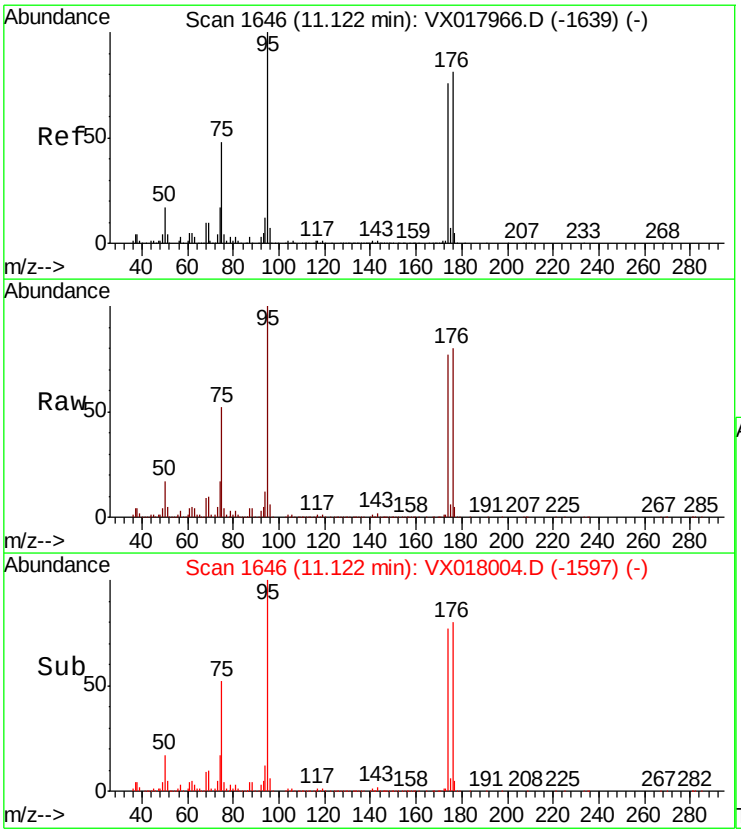
#60
Dibromochloromethane
Concen: 11.319 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion:129 Resp: 79264

Ion	Ratio	Lower	Upper
129	100		
127	0.5	39.5	118.3#

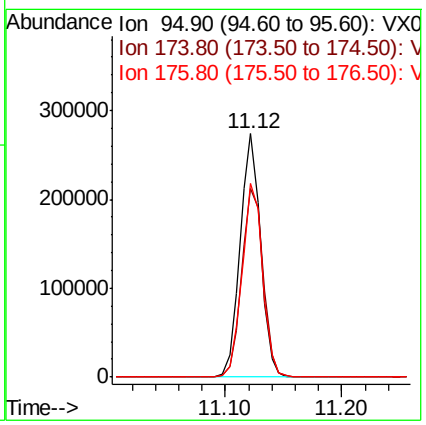


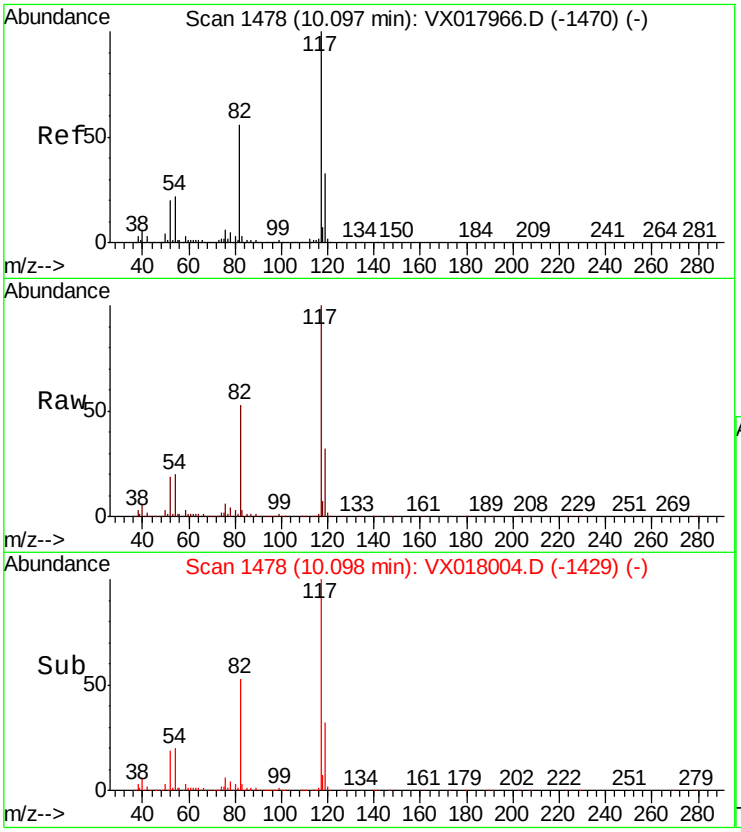


#62
4-Bromofluorobenzene
Concen: 46.685 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 95 Resp: 335861

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	166.0
176	80.1	0.0	161.0



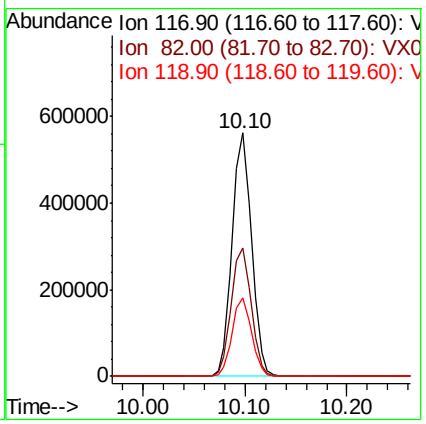


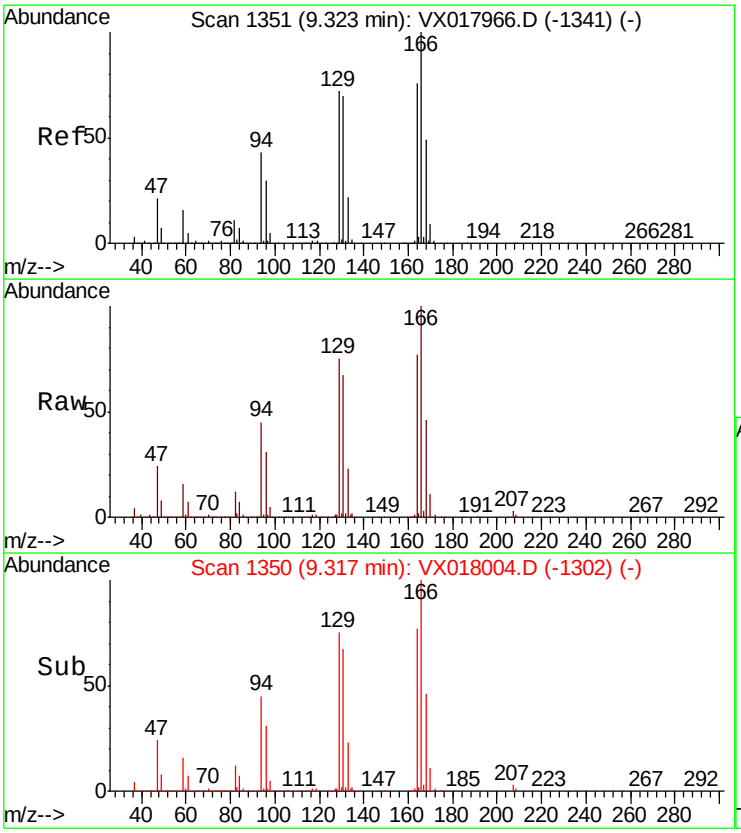
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument : MSVOA_X
ClientSampleId : MW-1D-081320

Tgt Ion:117 Resp: 738857

Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.6	66.8
119	32.0	26.2	39.4

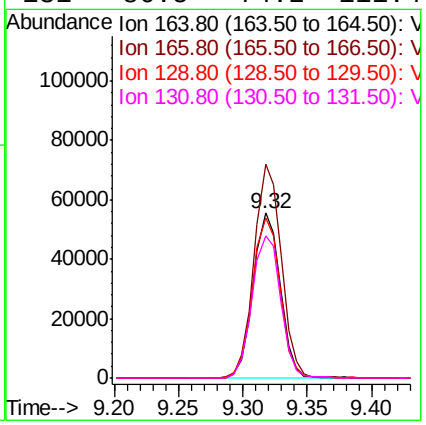


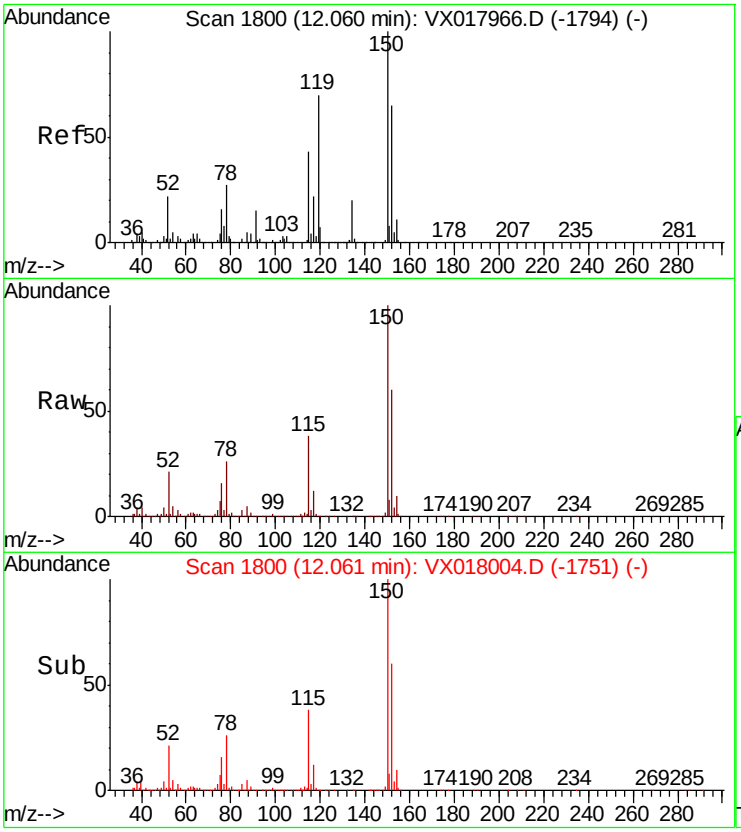


#64
Tetrachloroethene
Concen: 14.176 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion:164 Resp: 79991

Ion	Ratio	Lower	Upper
164	100		
166	129.5	105.7	158.5
129	97.2	75.8	113.8
131	86.5	74.2	111.4



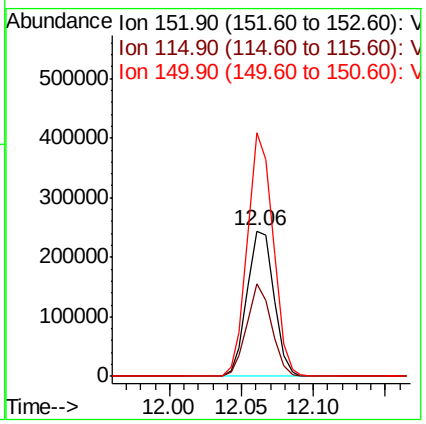


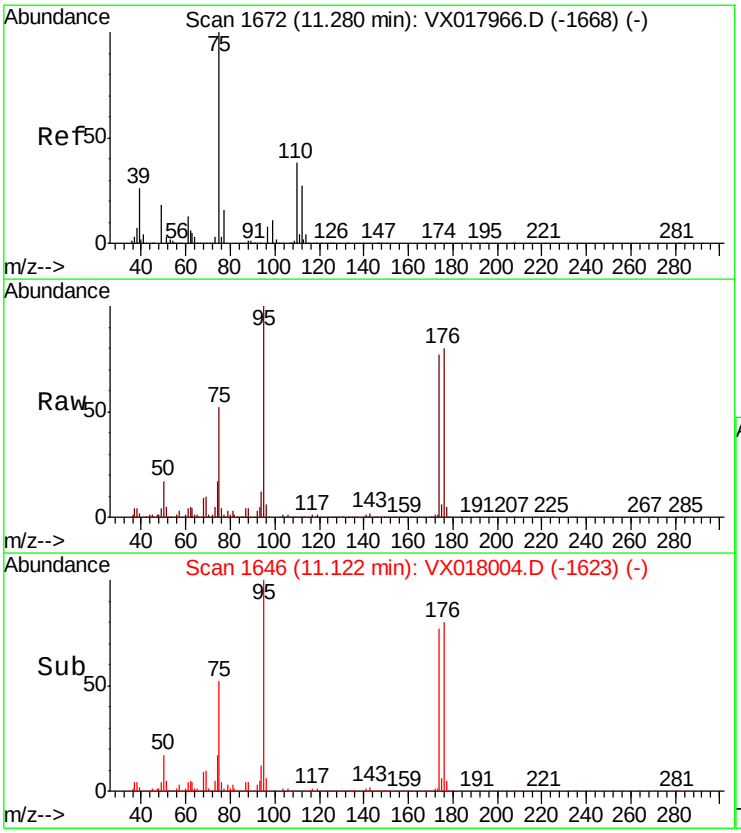
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument : MSVOA_X
ClientSampleId : MW-1D-081320

Tgt Ion:152 Resp: 314928

Ion	Ratio	Lower	Upper
152	100		
115	58.9	40.6	121.7
150	160.2	0.0	346.4

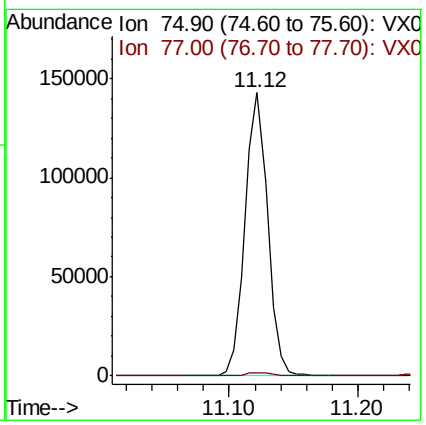


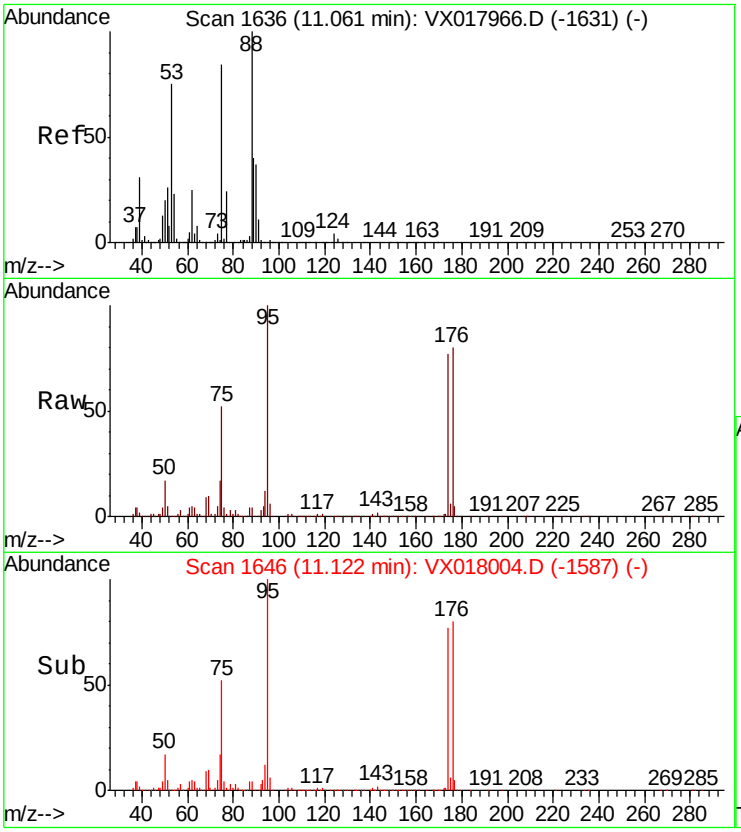


#76
1,2,3-Trichloropropane
Concen: 25.659 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Tgt Ion: 75 Resp: 171846

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.1	63.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.408 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018004.D
Acq: 20 Aug 2020 00:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1D-081320

Tgt Ion: 75 Resp: 171846

Ion	Ratio	Lower	Upper
75	100		
53	0.5	75.2	112.8#
89	0.4	38.4	57.6#