Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011577.D
Acq On : 16 Aug 2019 13:40
Operator : JC/SP
Sample : K4262-10DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-20B_080819DL

Quant Time: Aug 19 01:07:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	437419	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	600646	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	528665	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	256182	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	209298	51.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.20%				
35) Dibromofluoromethane	5.49	113	183614	46.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.48%				
50) Toluene-d8	8.71	98	685085	55.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.94%				
62) 4-Bromofluorobenzene	11.13	95	234189	45.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.66%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	32883	8.151	ug/l		99
6) Chloroethane	1.70	64	409	0.214	ug/l	#	53
10) Methyl Iodide	2.51	142	1267	0.230	ug/l	#	86
11) Tert butyl alcohol	3.03	59	1427	1.434	ug/l		98
12) 1,1-Dichloroethene	2.37	96	53840	14.436	ug/l		94
13) Acrolein	2.28	56	215	12.852	ug/l	#	1
15) Acrylonitrile	3.15	53	577	0.253	ug/l	#	17
16) Acetone	2.44	43	2876	1.410	ug/l		97
17) Carbon Disulfide	2.56	76	2182	0.248	ug/l	#	80
21) trans-1,2-Dichloroethene	3.16	96	2570	0.650	ug/l		85
24) 1,1-Dichloroethane	3.69	63	33836	4.844	ug/l		100
27) cis-1,2-Dichloroethene	4.59	96	275815	59.862	ug/l		92
28) Bromochloromethane	5.00	49	614	0.200	ug/l	#	39
29) Tetrahydrofuran	5.12	42	738	0.351	ug/l	#	53
30) Chloroform	5.22	83	2115	0.287	ug/l	#	73
32) 1,1,1-Trichloroethane	5.49	97	3964	0.625	ug/l	#	44
36) 1,1-Dichloropropene	5.65	75	24969	4.862	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	37425	6.615	ug/l	#	16
44) Trichloroethene	7.21	130	362212	76.509	ug/l		97
49) 1,4-Dioxane	7.74	88	1876	15.451	ug/l	#	59
55) 1,1,2-Trichloroethane	9.21	97	991	0.229	ug/l	#	82
60) Dibromochloromethane	9.33	129	9980	2.215	ug/l	#	14
64) Tetrachloroethene	9.34	164	11722	2.702	ug/l		93
71) Bromoform	10.65	173	80	3.310	ug/l	#	28
76) 1,2,3-Trichloropropane	11.13	75	109312	22.502	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	109312	59.974	ug/l	#	11

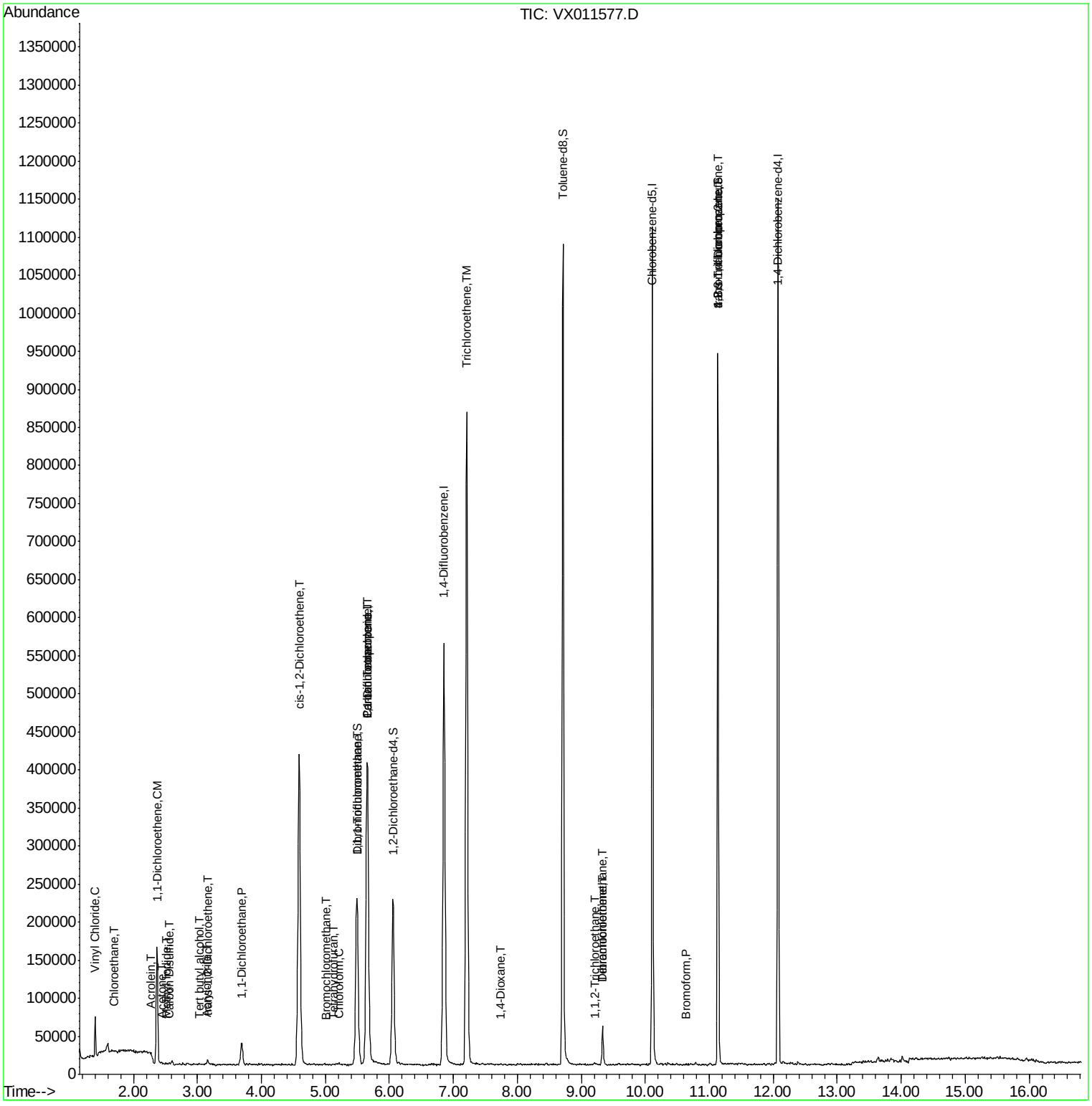
(#) = qualifier out of range (m) = manual integration (+) = signals summed

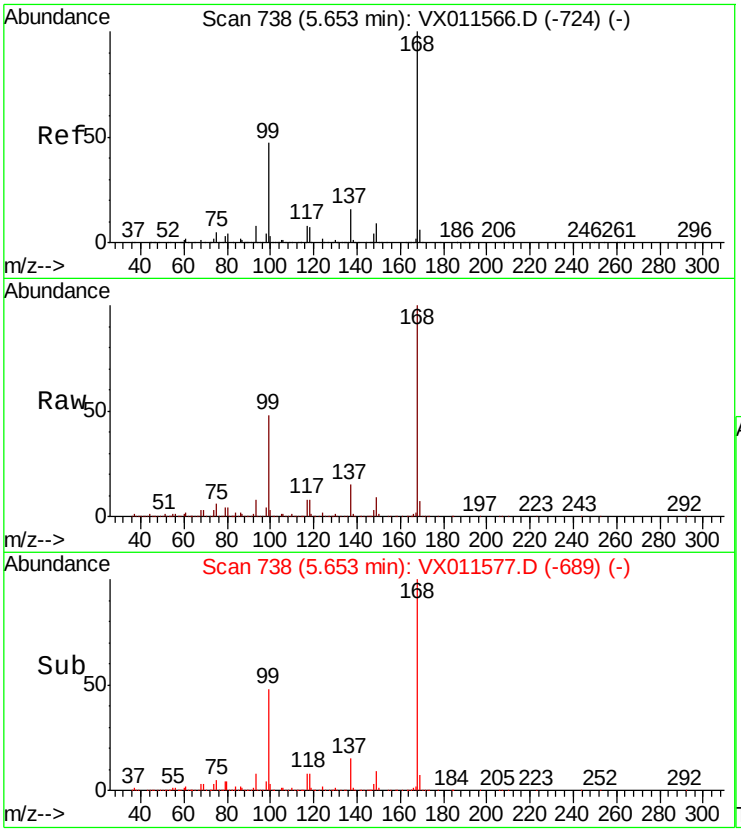
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011577.D
Acq On : 16 Aug 2019 13:40
Operator : JC/SP
Sample : K4262-10DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Quant Time: Aug 19 01:07:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



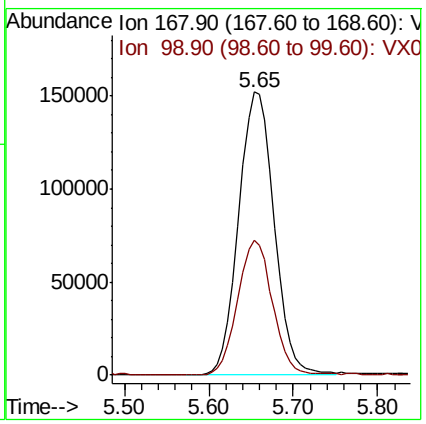


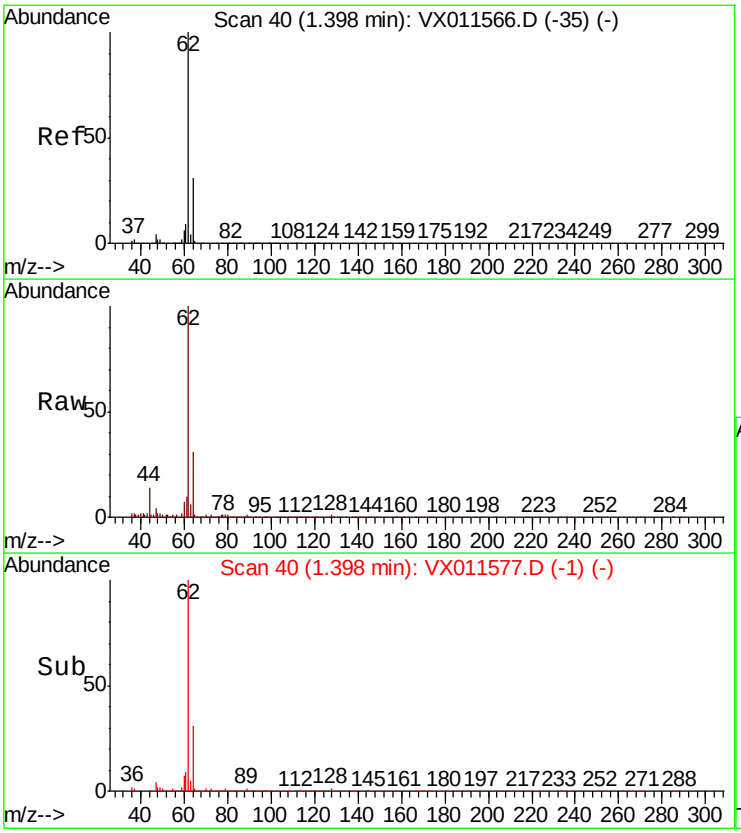
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion:168 Resp: 437419

Ion	Ratio	Lower	Upper
168	100		
99	47.6	37.3	55.9

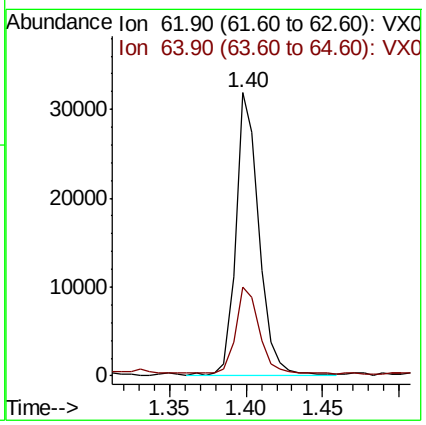


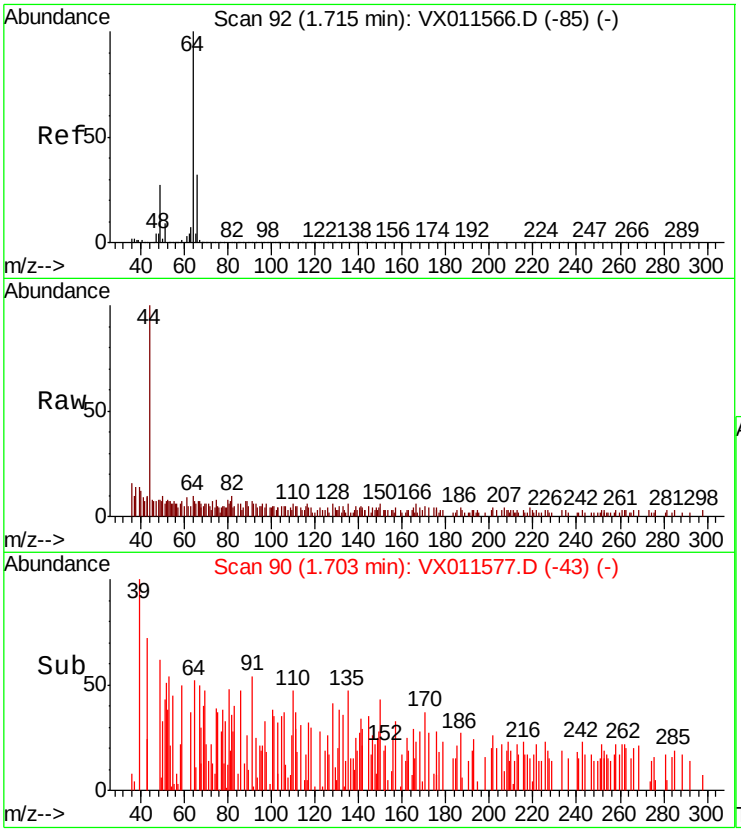


#4
Vinyl Chloride
Concen: 8.151 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 62 Resp: 32883

Ion	Ratio	Lower	Upper
62	100		
64	30.7	25.0	37.4



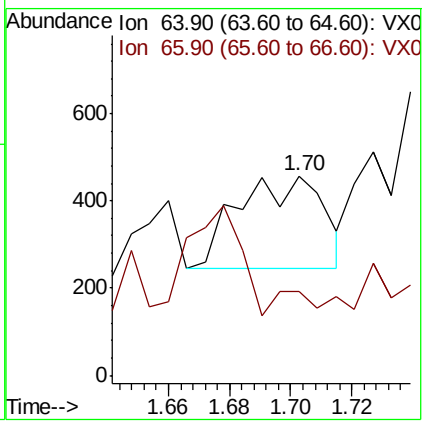


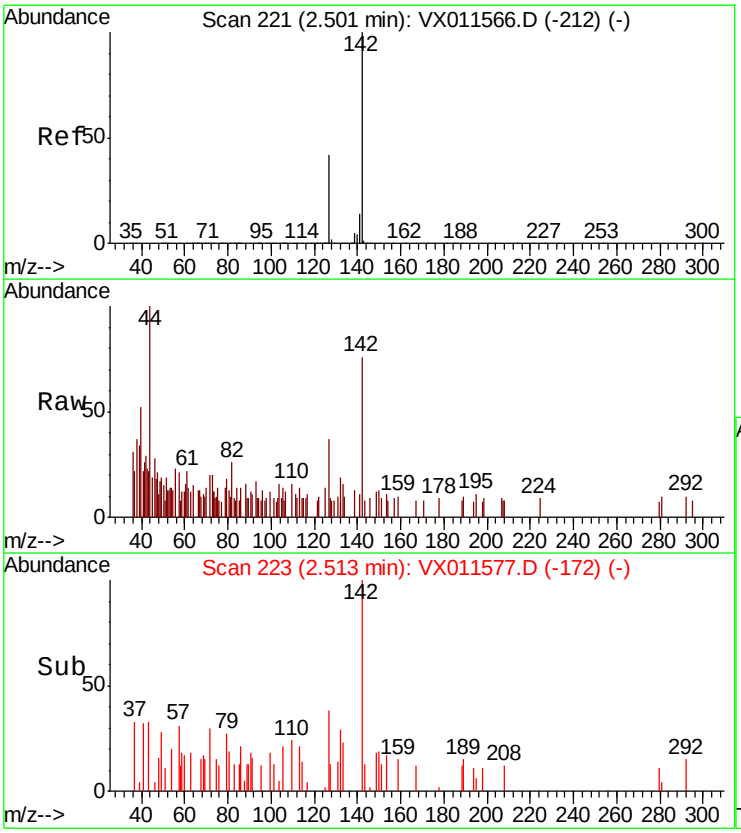
#6
Chloroethane
Concen: 0.214 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 64 Resp: 409

Ion	Ratio	Lower	Upper
64	100		
66	5.7	25.3	37.9#

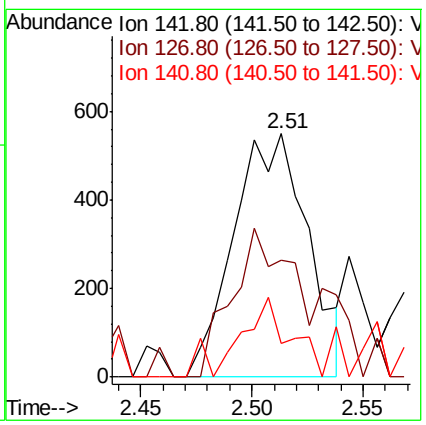


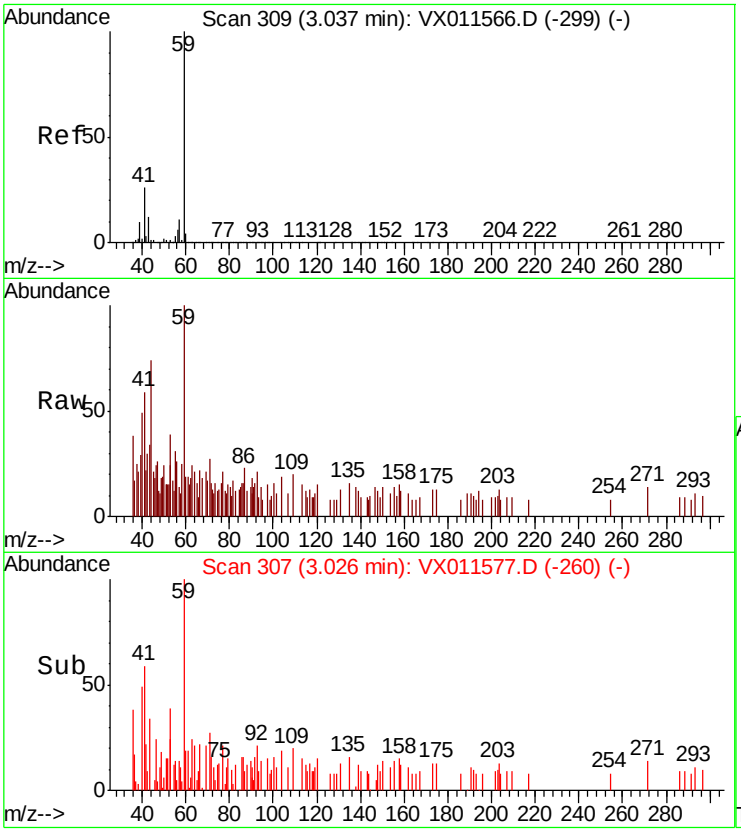


#10
Methyl Iodide
Concen: 0.230 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion:142 Resp: 1267

Ion	Ratio	Lower	Upper
142	100		
127	50.0	32.8	49.2#
141	20.1	11.4	17.2#



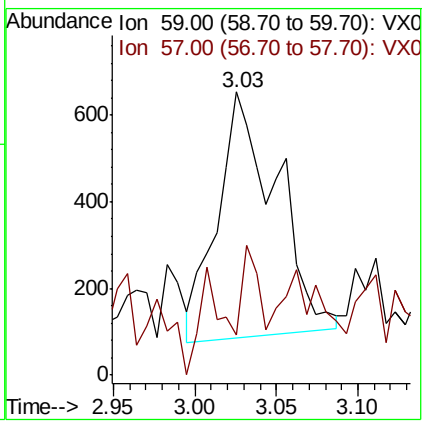


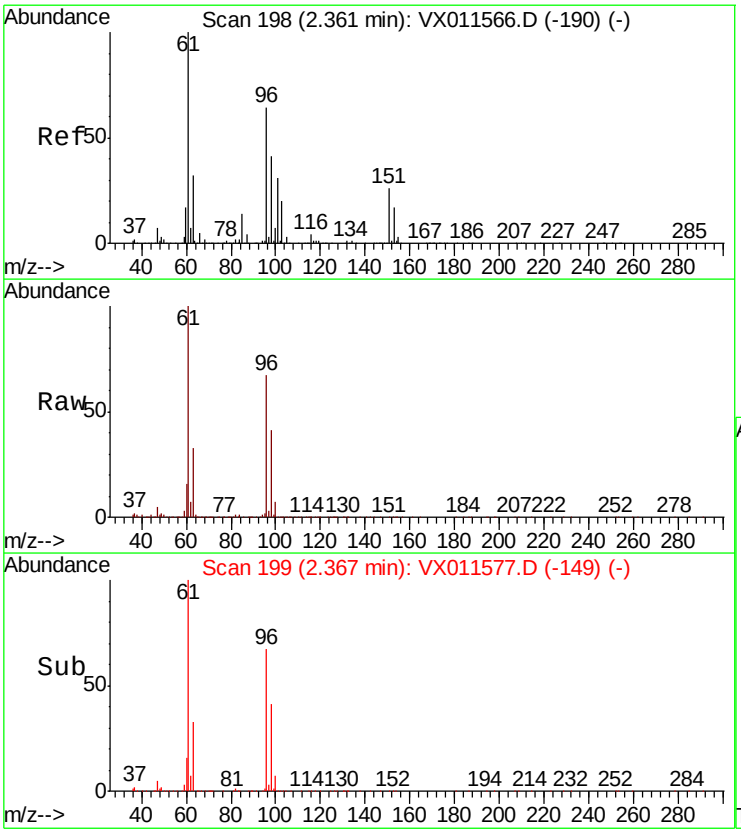
#11
Tert butyl alcohol
Concen: 1.434 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 59 Resp: 1427

Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.7	13.1

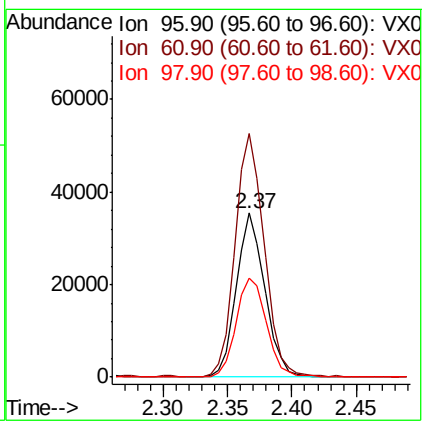


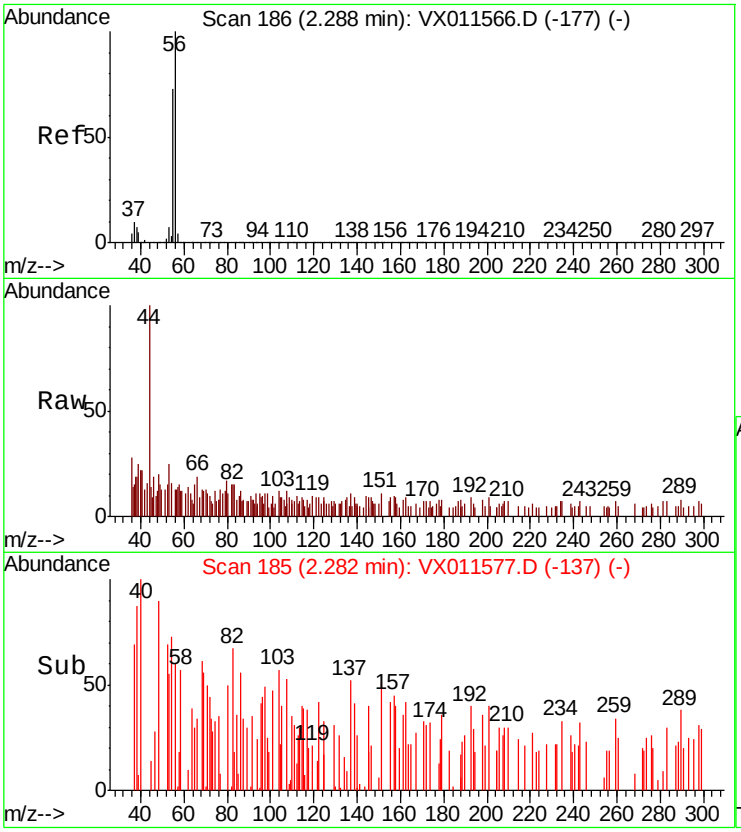


#12
1,1-Dichloroethene
Concen: 14.436 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 96 Resp: 53840

Ion	Ratio	Lower	Upper
96	100		
61	148.4	125.0	187.4
98	60.6	51.5	77.3



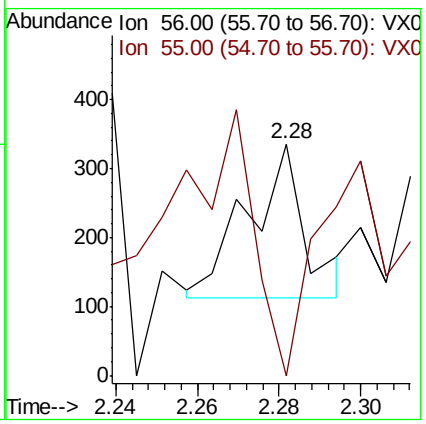


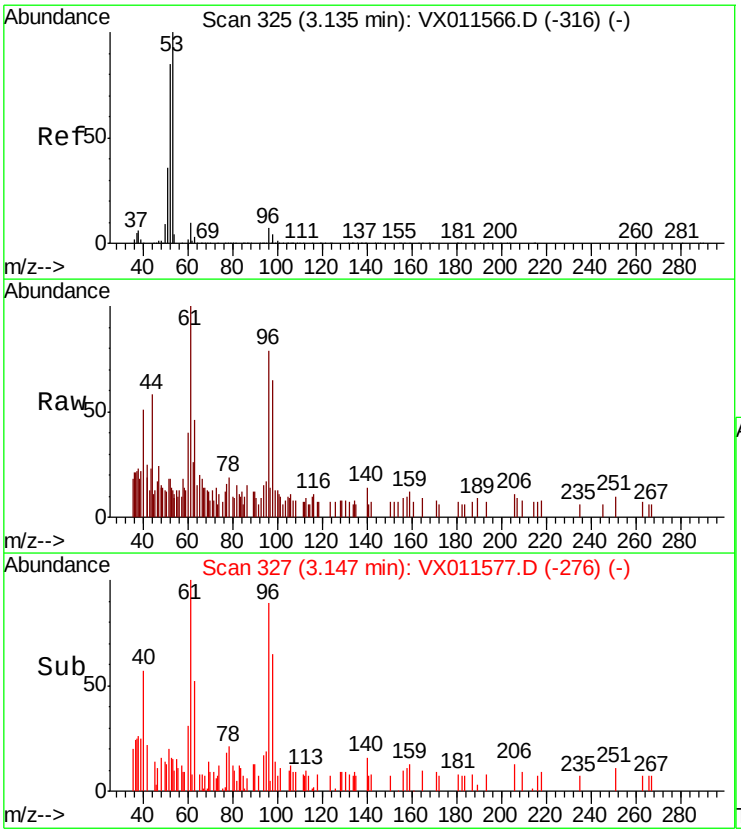
#13
Acrolein
Concen: 12.852 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 56 Resp: 215

Ion	Ratio	Lower	Upper
56	100		
55	220.0	55.5	83.3#

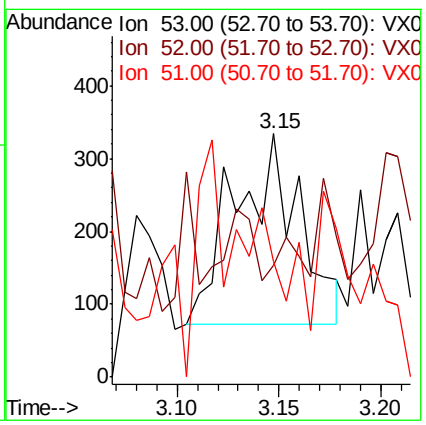


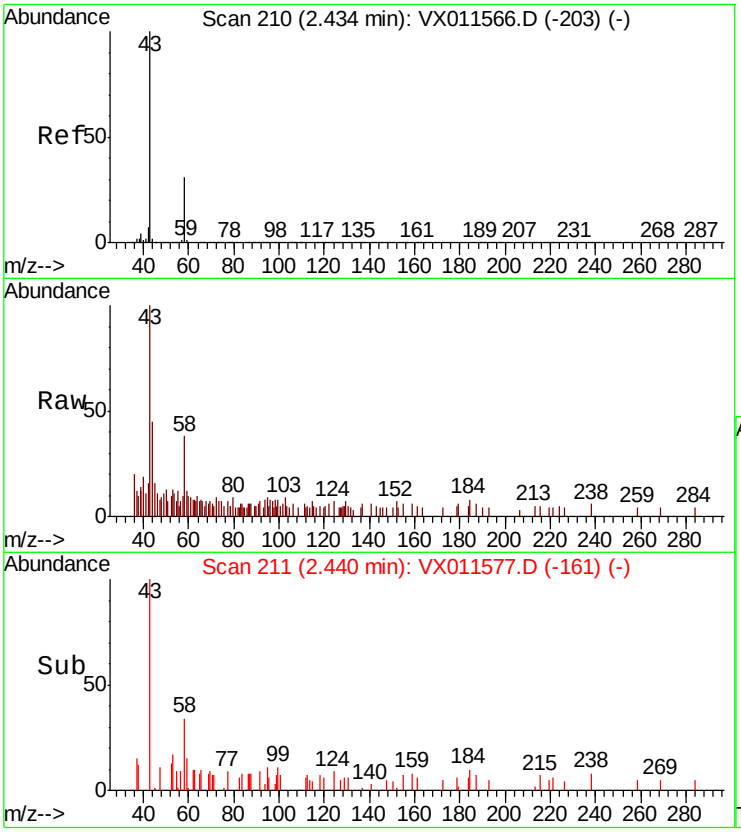


#15
Acrylonitrile
Concen: 0.253 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 53 Resp: 577

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.7	100.1#
51	0.0	28.7	43.1#



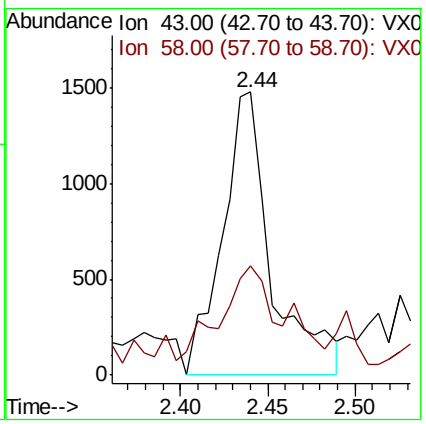


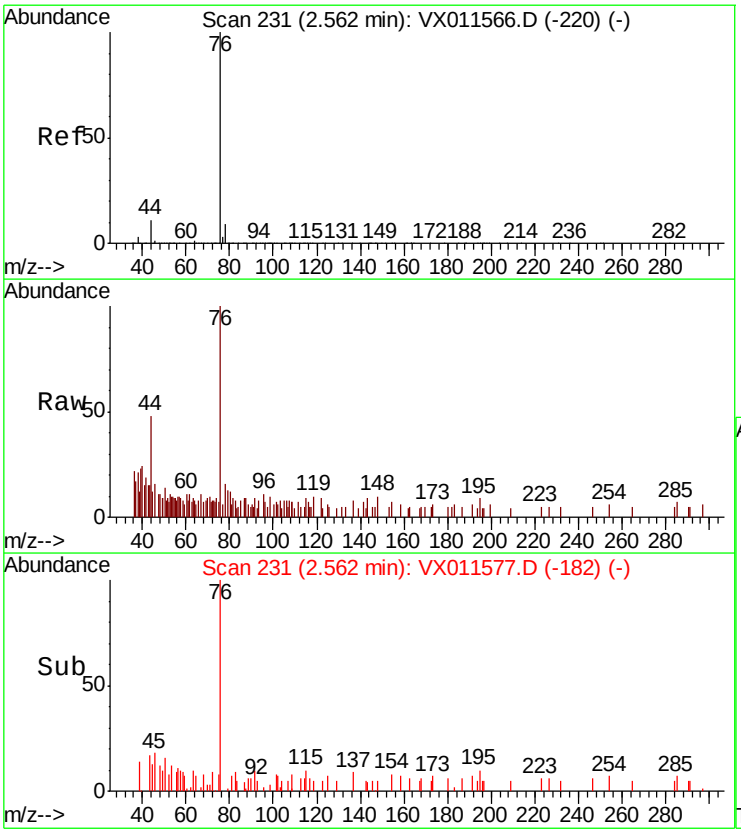
#16
Acetone
Concen: 1.410 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 43 Resp: 2876

Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.2	37.8

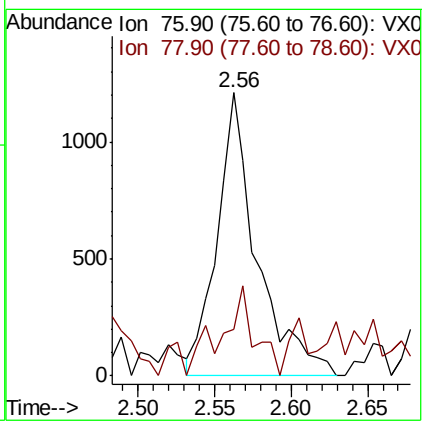


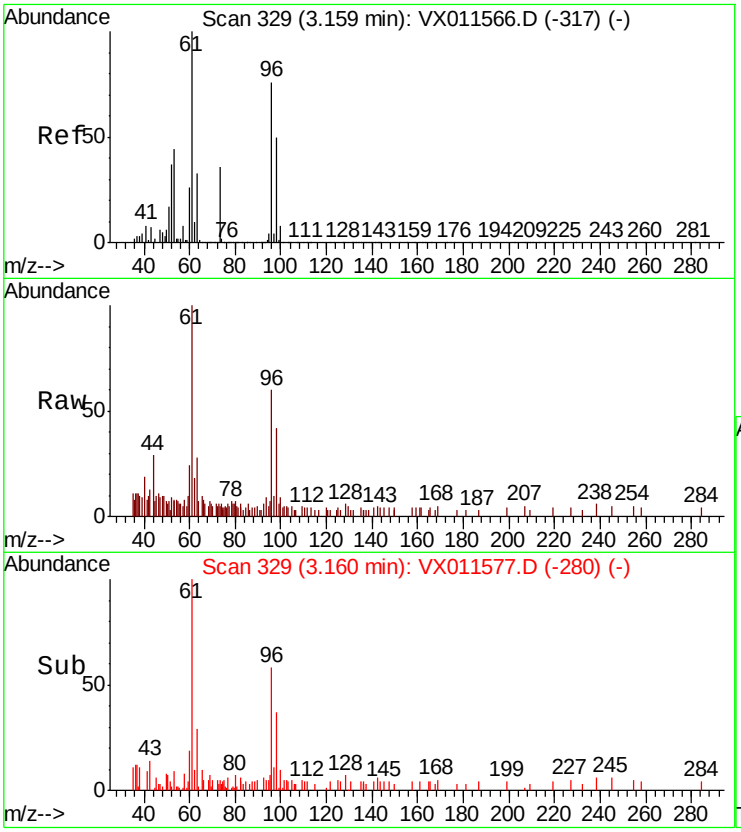


#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 76 Resp: 2182

Ion	Ratio	Lower	Upper
76	100		
78	16.3	7.2	10.8#



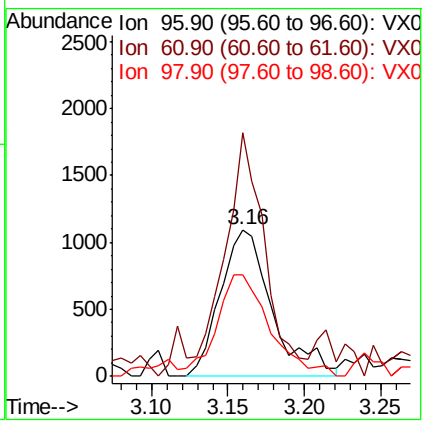


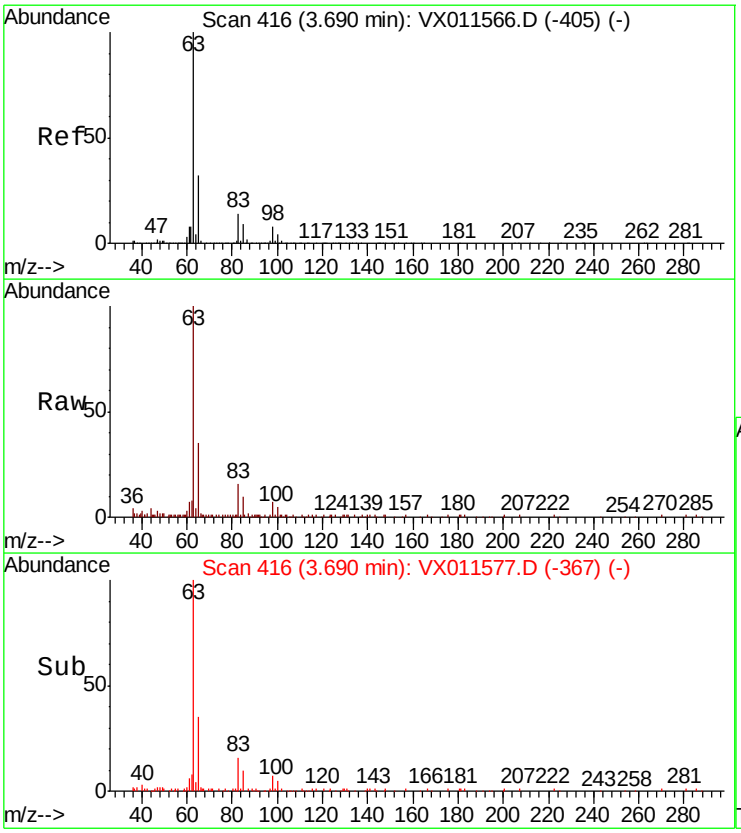
#21
trans-1,2-Dichloroethene
Concen: 0.650 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 96 Resp: 2570

Ion	Ratio	Lower	Upper
96	100		
61	156.2	105.5	158.3
98	69.2	52.6	78.8

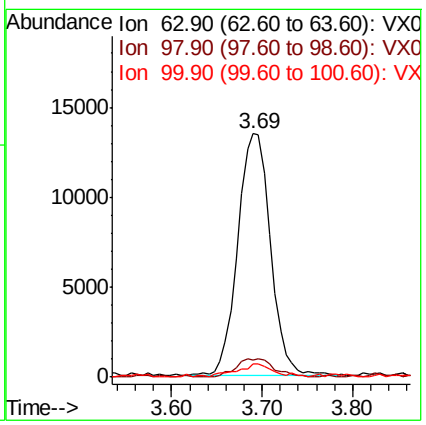


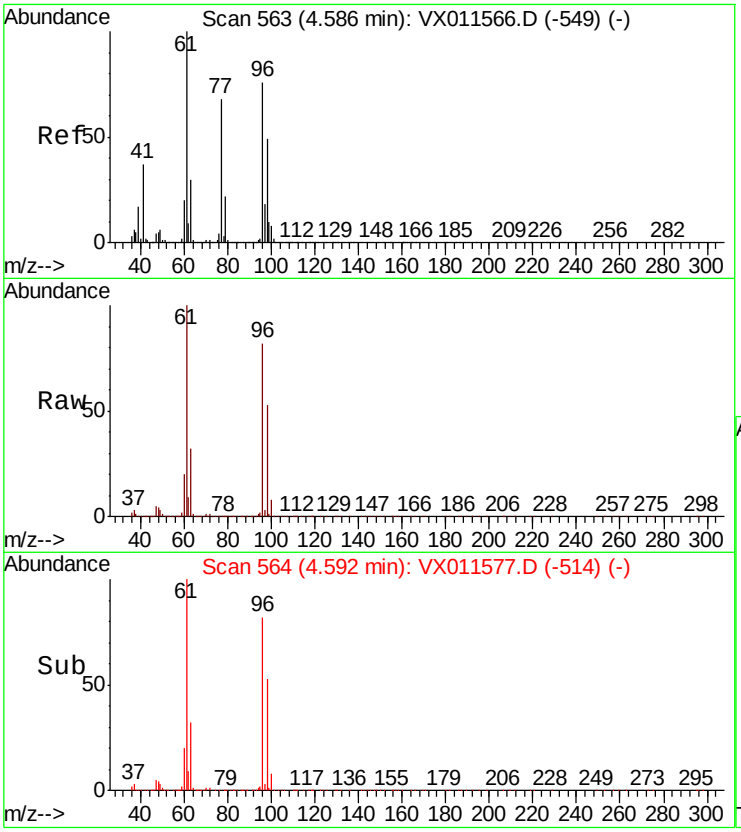


#24
1,1-Dichloroethane
Concen: 4.844 ug/l
RT: 3.69 min Scan# 416
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 63 Resp: 33836

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.7	11.1
100	4.3	2.1	6.3



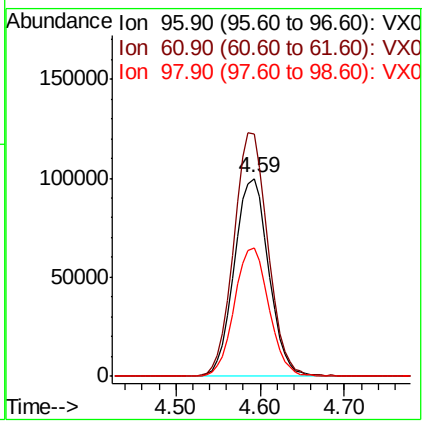


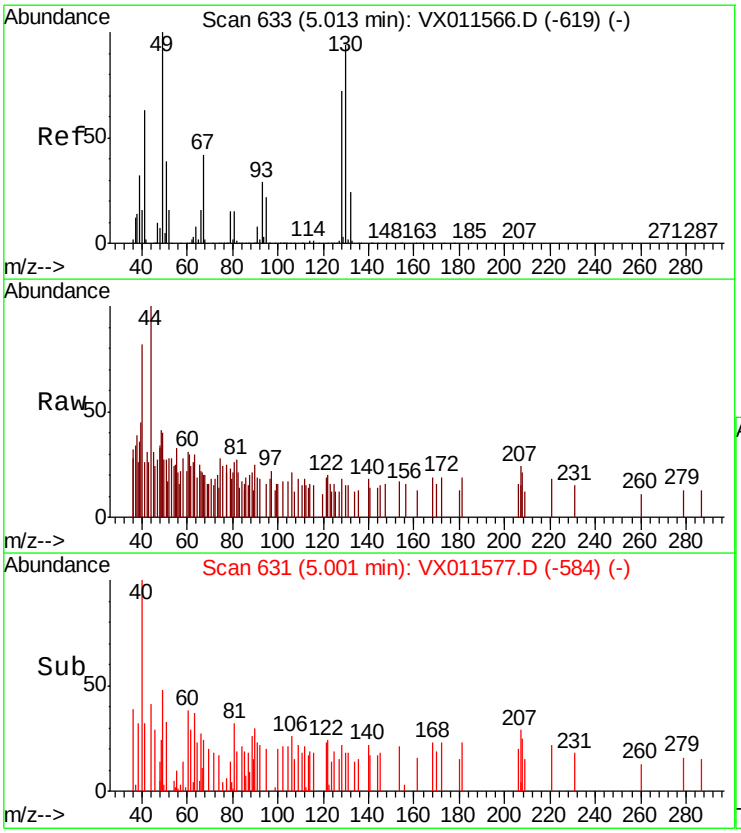
#27
cis-1,2-Dichloroethene
Concen: 59.862 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 96 Resp: 275815

Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	272.6
98	65.2	0.0	129.4

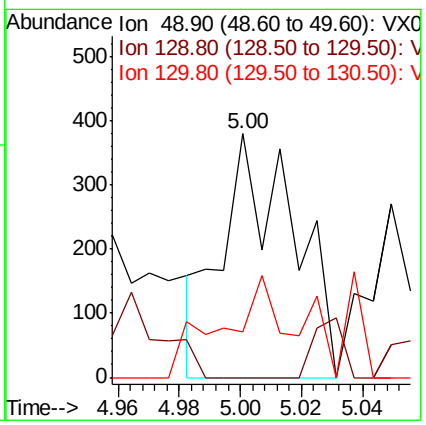


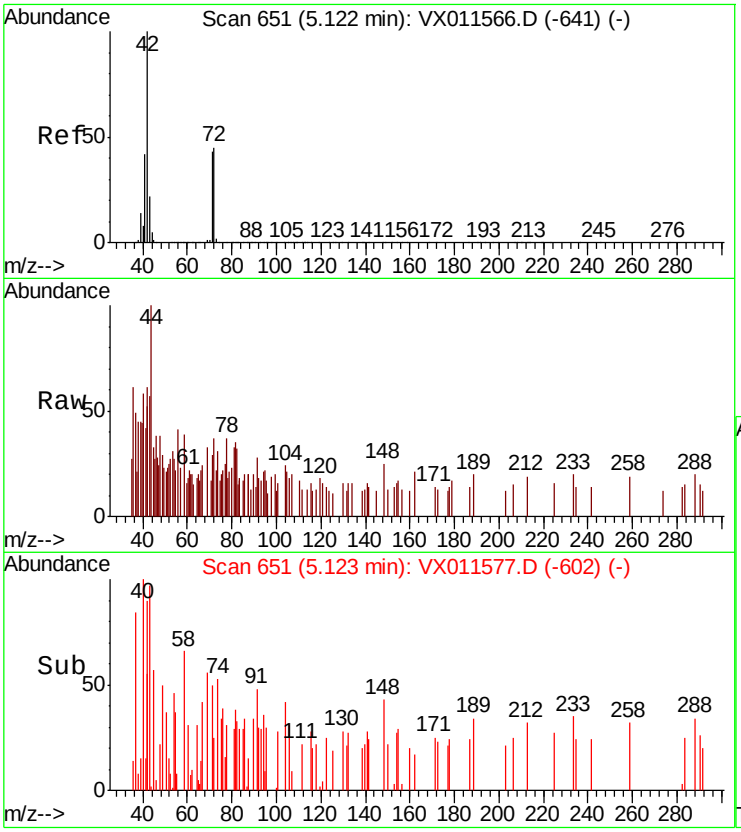


#28
Bromochloromethane
Concen: 0.200 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 49 Resp: 614

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	35.3	76.6	115.0#



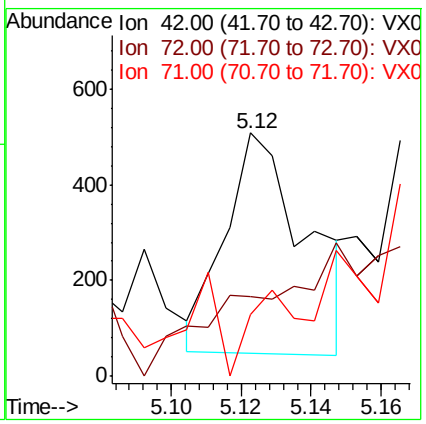


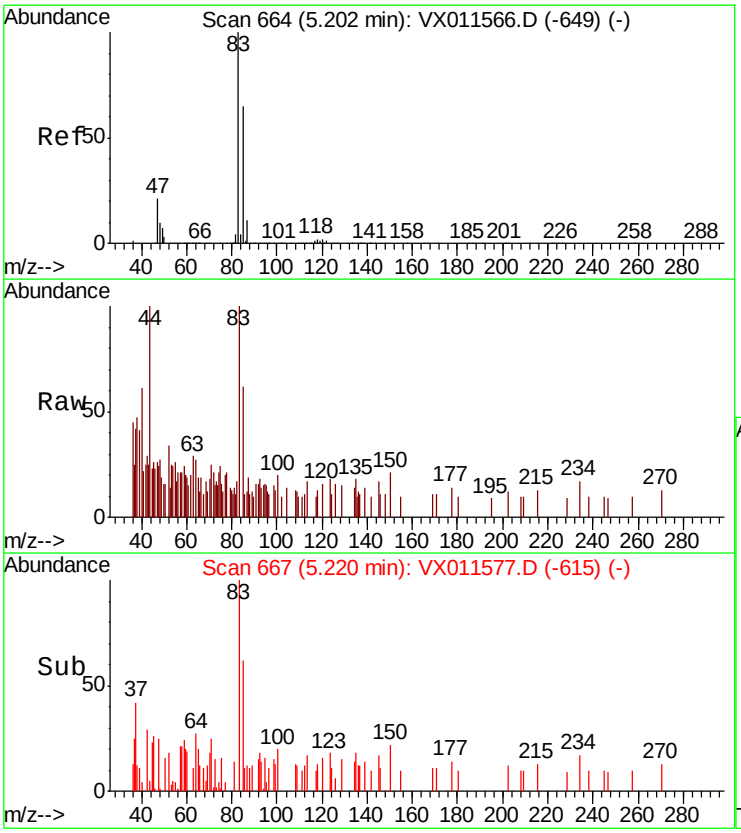
#29
Tetrahydrofuran
Concen: 0.351 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 42 Resp: 738

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.1	54.1#
71	27.1	33.8	50.8#

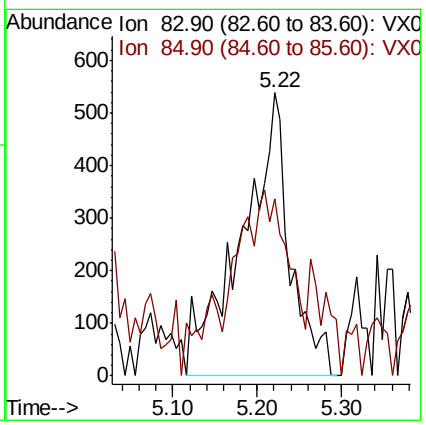


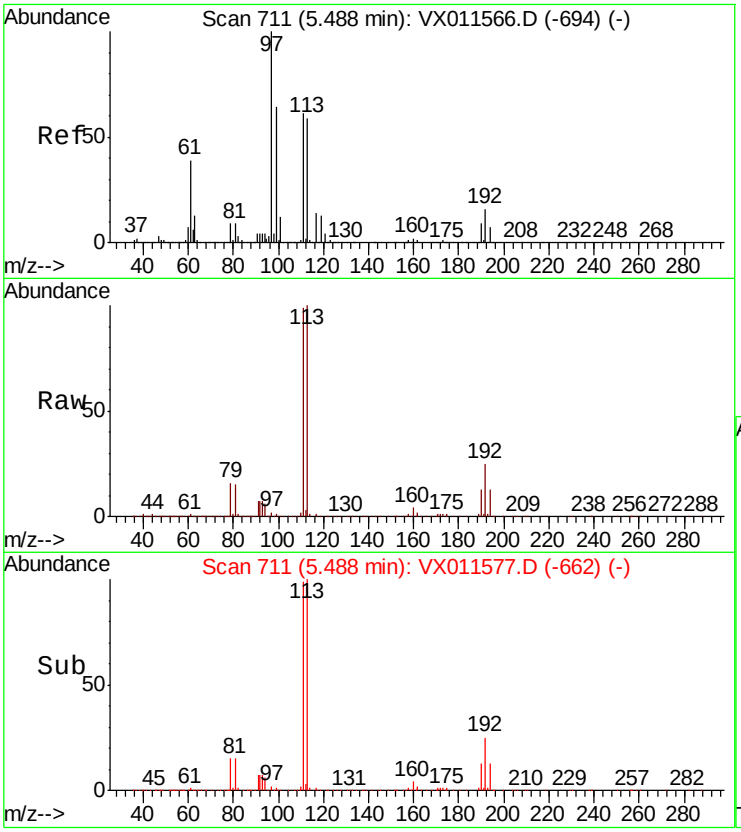


#30
Chloroform
Concen: 0.287 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.02 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 83 Resp: 2115

Ion	Ratio	Lower	Upper
83	100		
85	43.7	51.9	77.9#



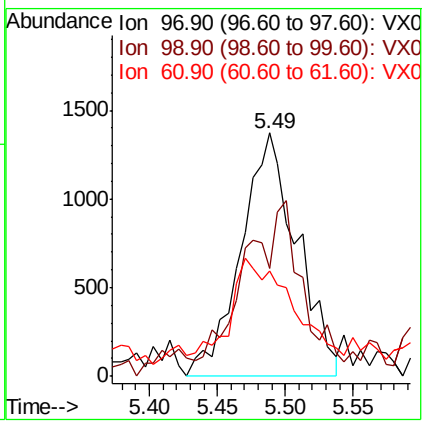


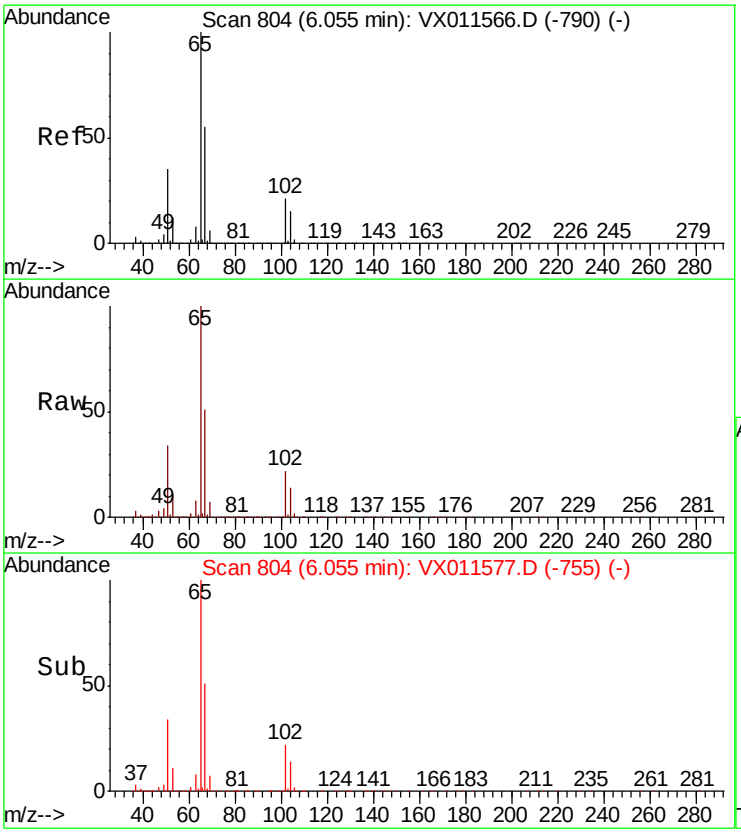
#32
1,1,1-Trichloroethane
Concen: 0.625 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 97 Resp: 3964

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	47.3	31.4	47.2#

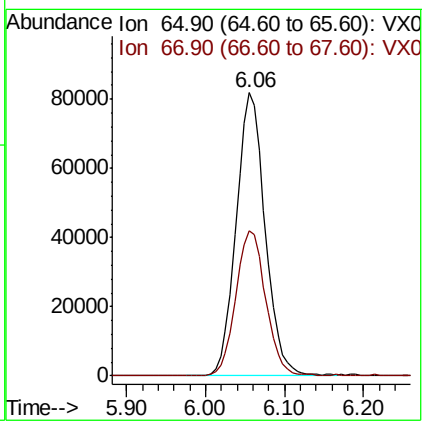


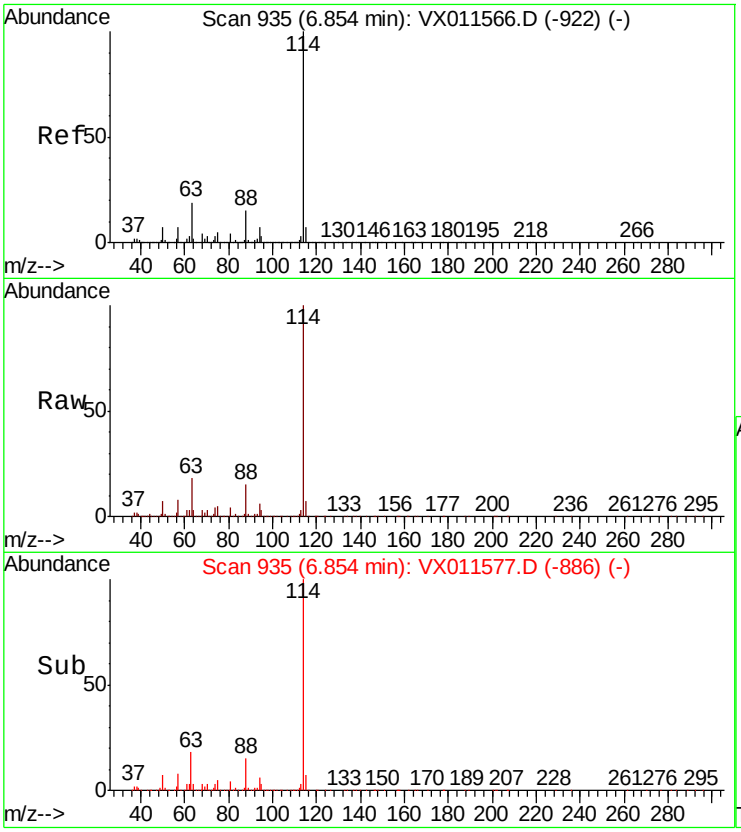


#33
1,2-Dichloroethane-d4
Concen: 51.596 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 65 Resp: 209298

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.6



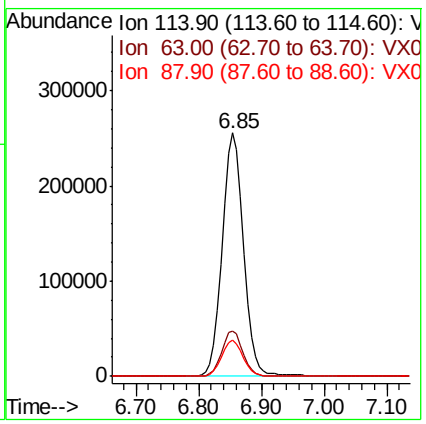


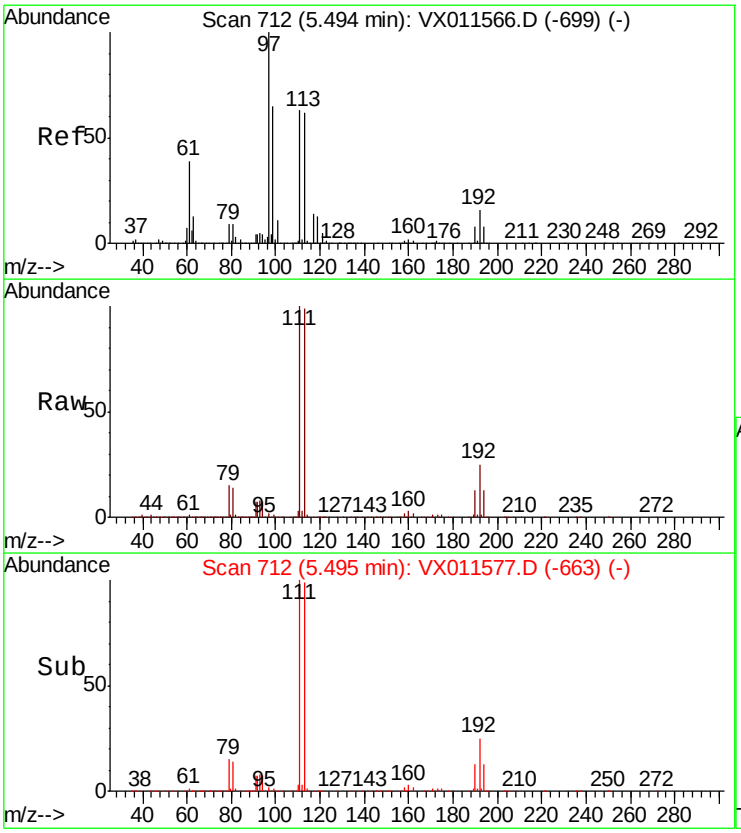
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion:114 Resp: 600646

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.8
88	14.7	0.0	30.2

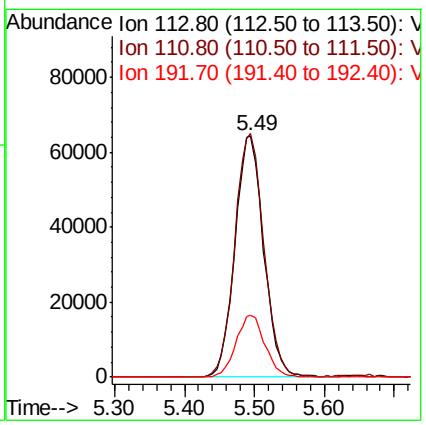


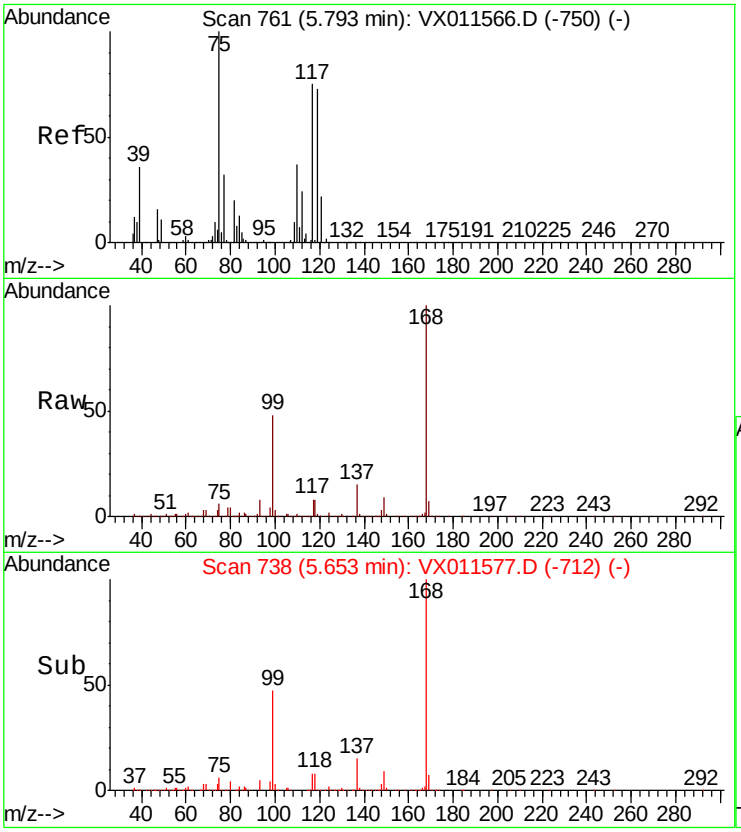


#35
Dibromofluoromethane
Concen: 46.738 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion:113 Resp: 183614

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	25.8	20.8	31.2



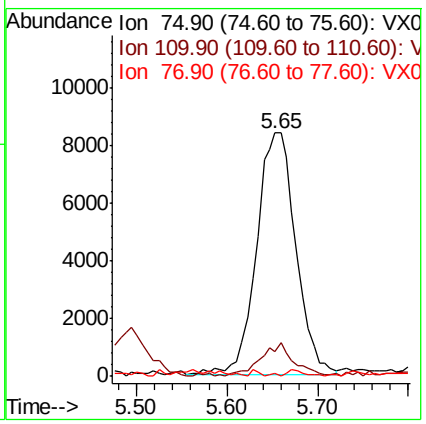


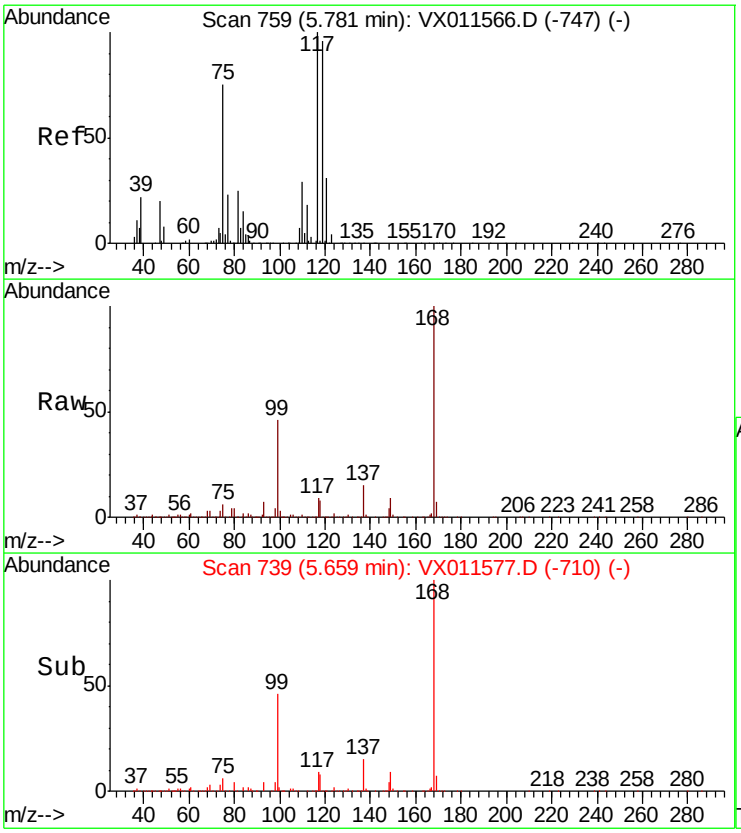
#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 75 Resp: 24969

Ion	Ratio	Lower	Upper
75	100		
110	12.1	19.4	58.1#
77	0.2	25.1	37.7#

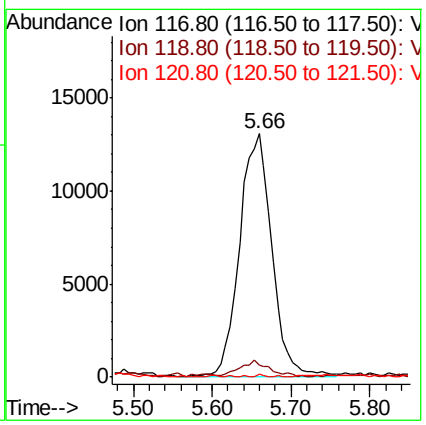


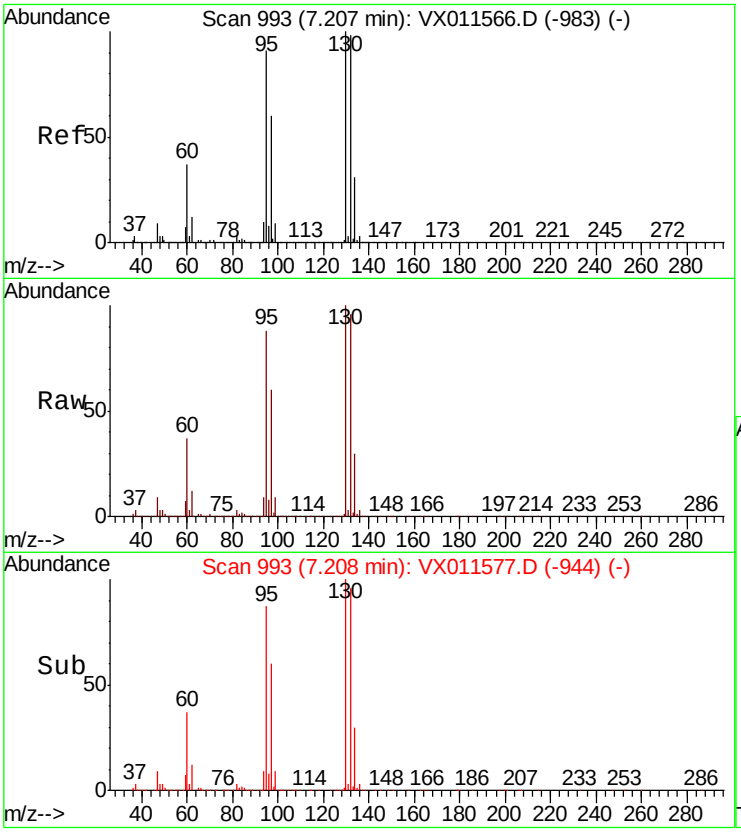


#38
Carbon Tetrachloride
Concen: 6.615 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion:117 Resp: 37425

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.9	115.3#
121	0.8	24.8	37.2#



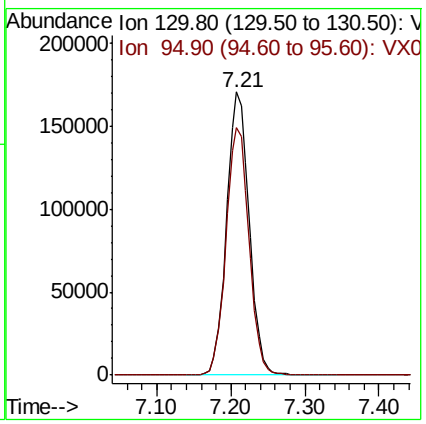


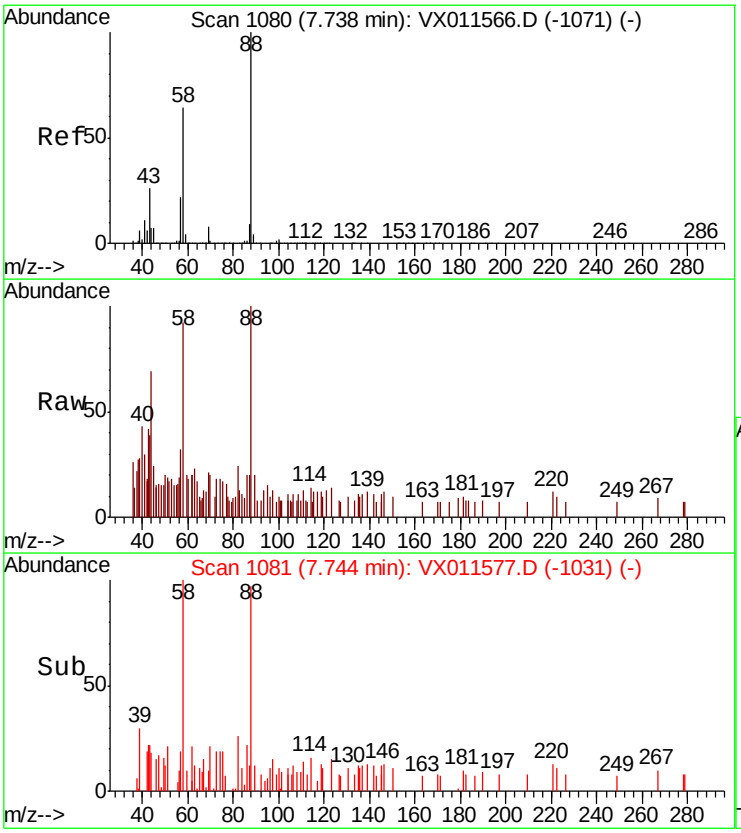
#44
Trichloroethene
Concen: 76.509 ug/l
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion:130 Resp: 362212

Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	181.4

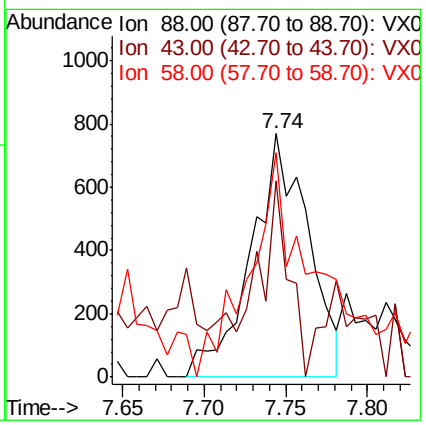


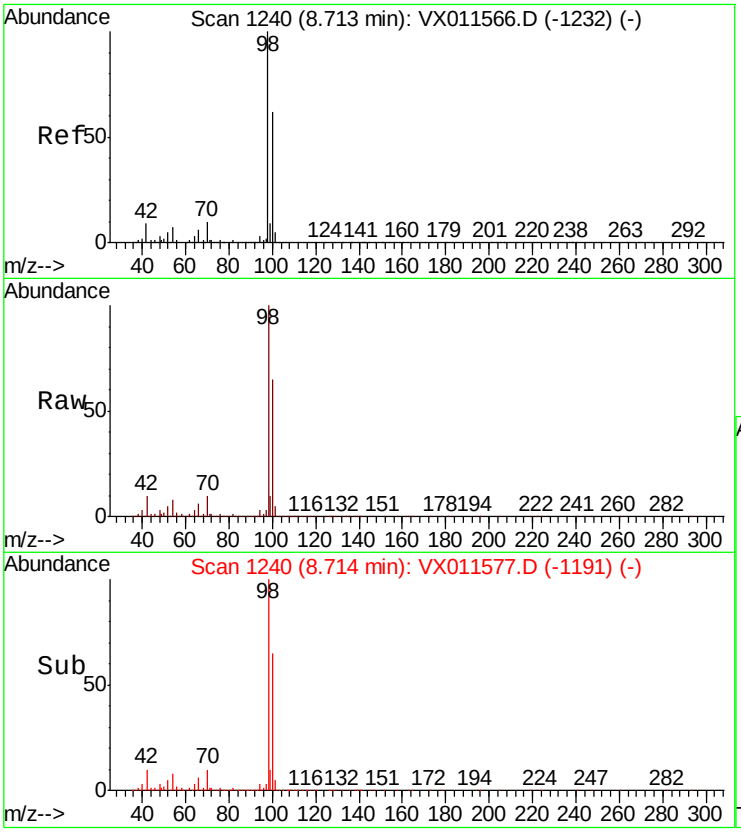


#49
1,4-Dioxane
Concen: 15.451 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 88 Resp: 1876

Ion	Ratio	Lower	Upper
88	100		
43	40.6	23.4	35.0#
58	107.5	54.3	81.5#



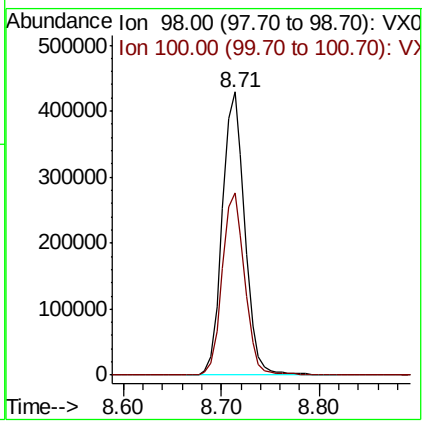


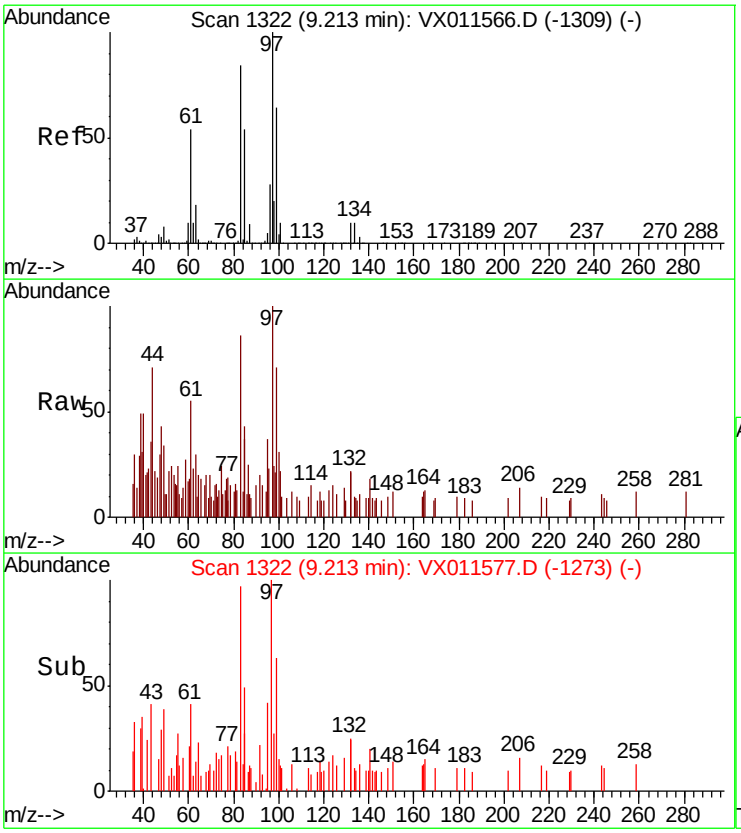
#50
Toluene-d8
Concen: 55.966 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 98 Resp: 685085

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6

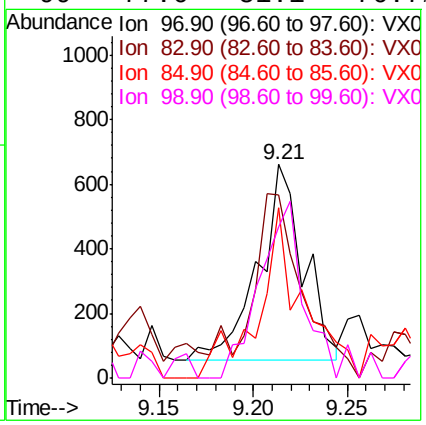


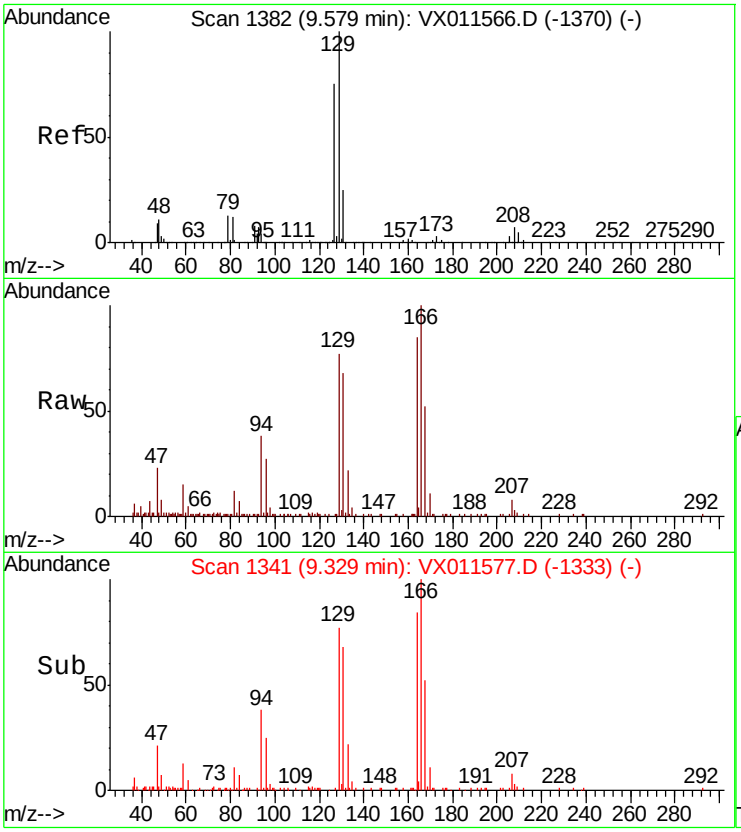


#55
1,1,2-Trichloroethane
Concen: 0.229 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 97 Resp: 991

Ion	Ratio	Lower	Upper
97	100		
83	78.0	67.4	101.0
85	81.0	43.4	65.2#
99	77.6	51.1	76.7#



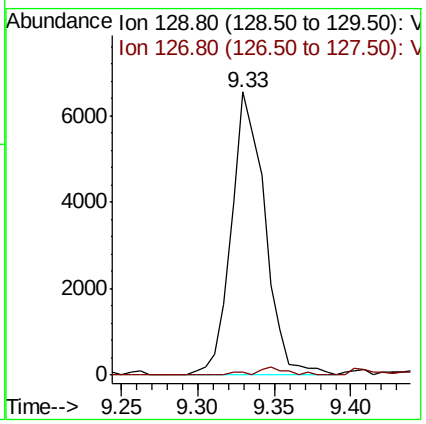


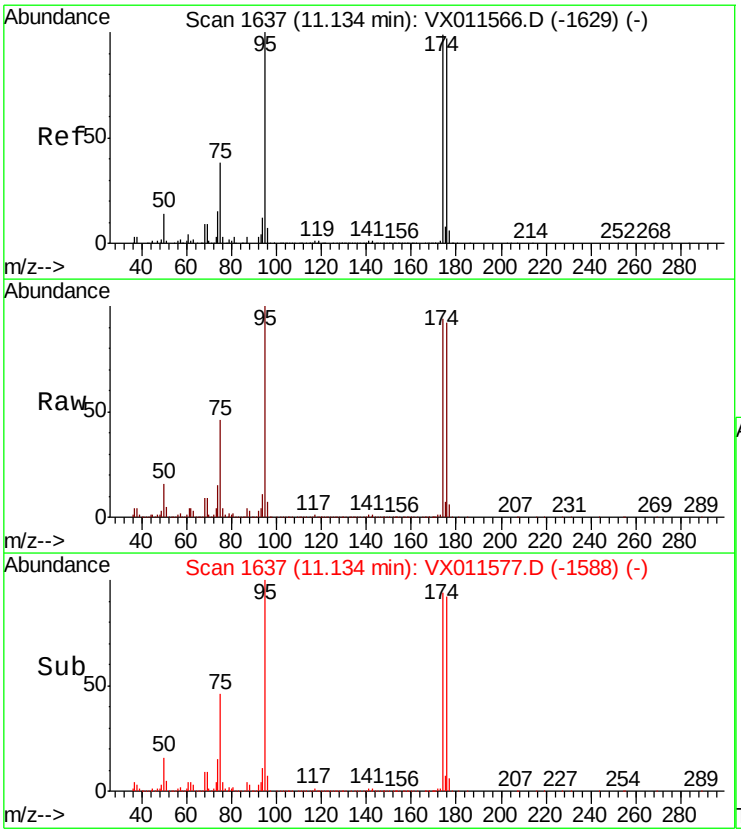
#60
Dibromochloromethane
Concen: 2.215 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion:129 Resp: 9980

Ion	Ratio	Lower	Upper
129	100		
127	2.7	38.0	114.1#

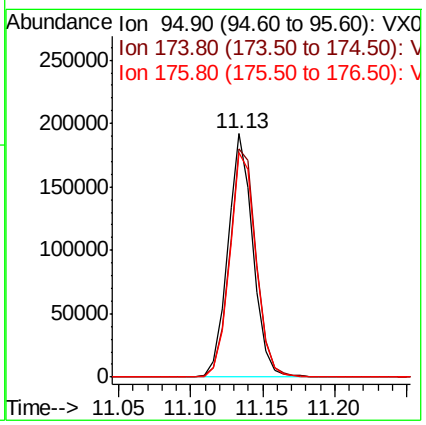


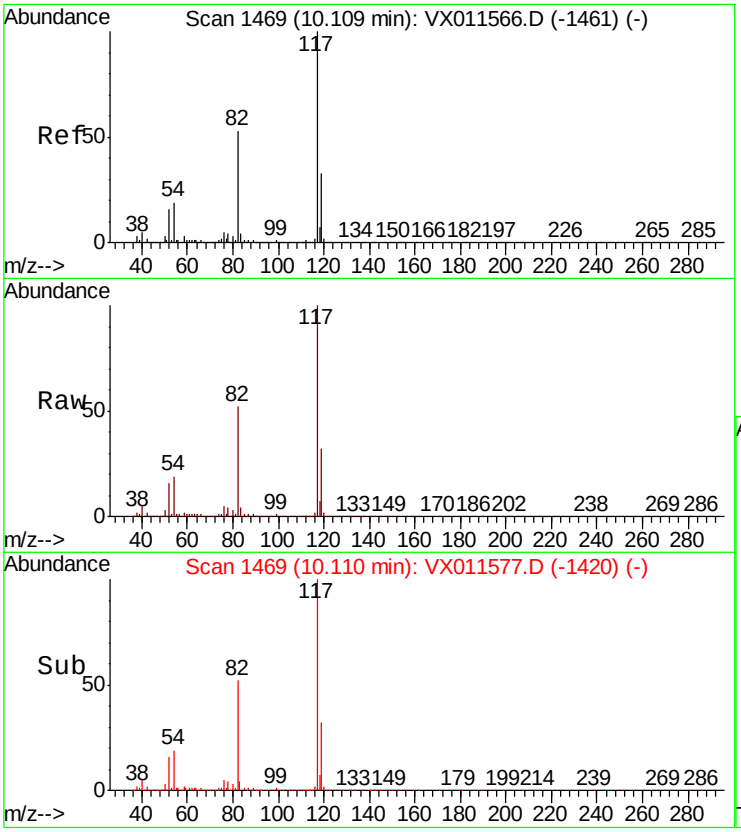


#62
4-Bromofluorobenzene
Concen: 45.326 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 95 Resp: 234189

Ion	Ratio	Lower	Upper
95	100		
174	99.8	0.0	200.6
176	97.0	0.0	196.6



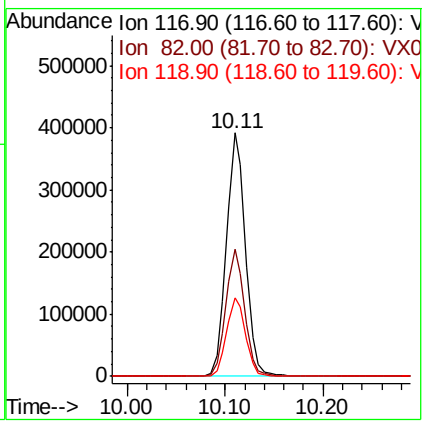


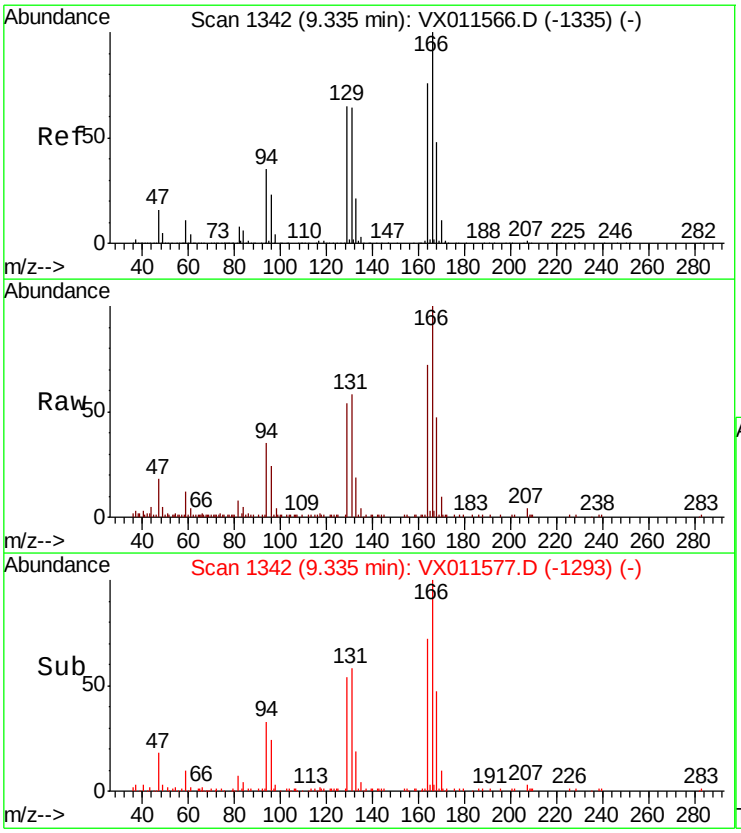
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument : MSVOA_X
ClientSampleId : MW-20B_080819DL

Tgt Ion:117 Resp: 528665

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.0	63.0
119	32.5	26.5	39.7

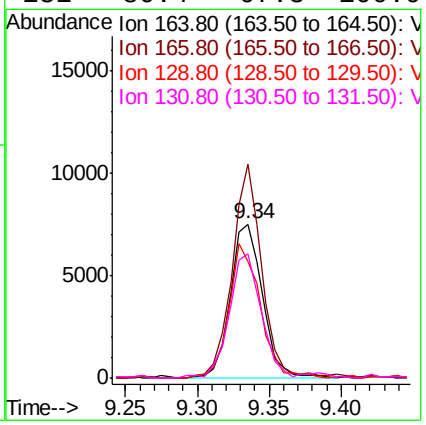


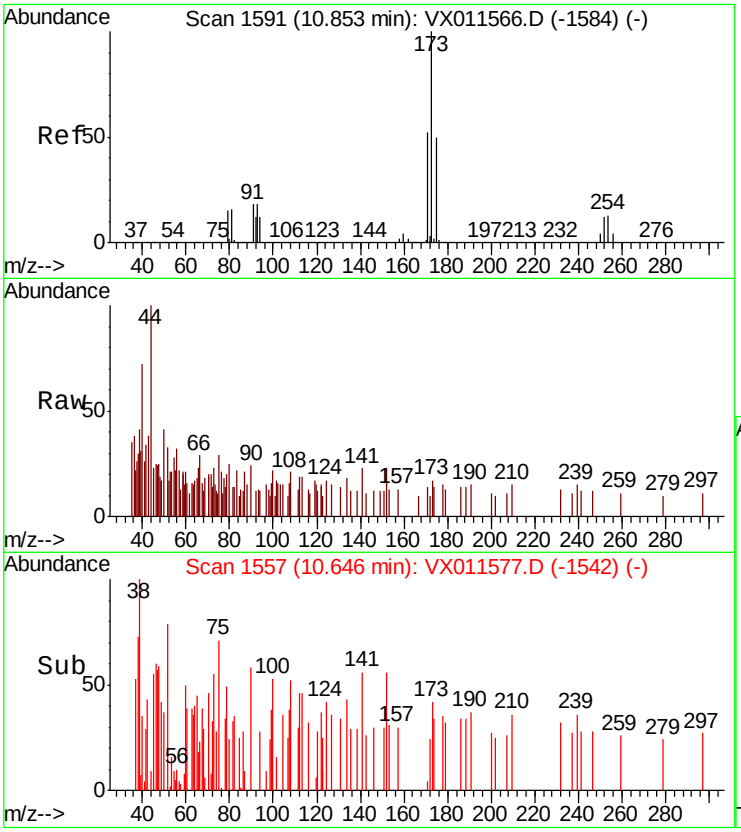


#64
Tetrachloroethene
Concen: 2.702 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion:164 Resp: 11722

Ion	Ratio	Lower	Upper
164	100		
166	139.0	104.7	157.1
129	75.6	68.2	102.4
131	80.4	67.3	100.9



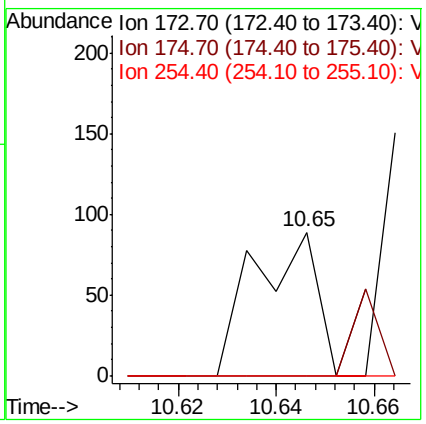


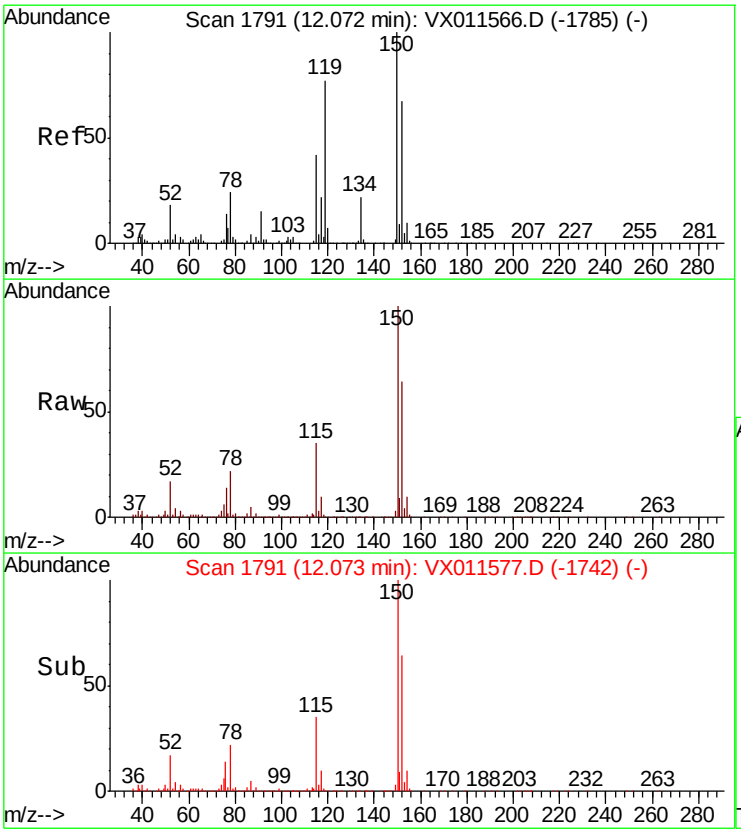
#71
Bromoform
Concen: 3.310 ug/l
RT: 10.65 min Scan# 1557
Delta R.T. -0.21 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion:173 Resp: 80

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	0.0	0.1	0.1#

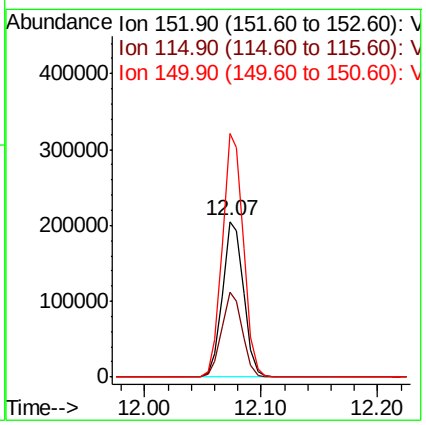


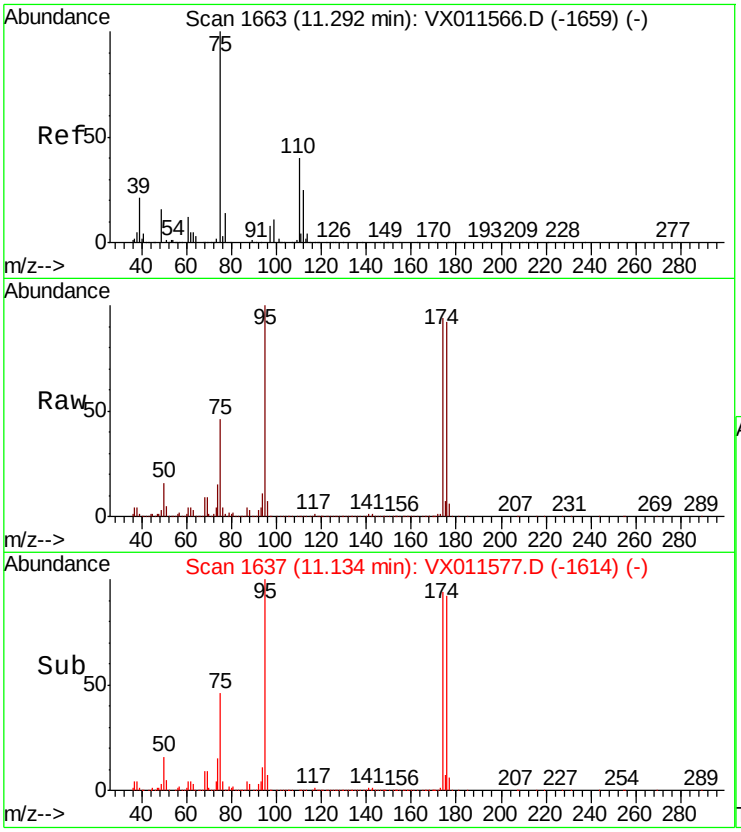


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion:152 Resp: 256182

Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.3	111.9
150	156.1	0.0	346.2



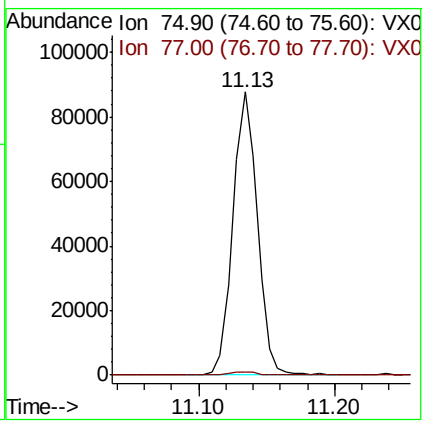


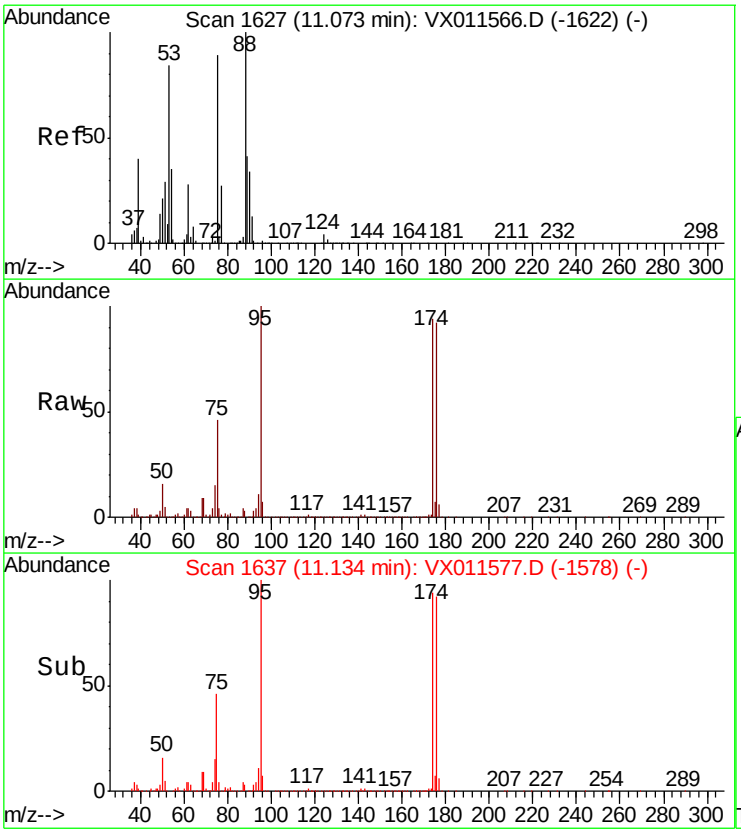
#76
1,2,3-Trichloropropane
Concen: 22.502 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819DL

Tgt Ion: 75 Resp: 109312

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.974 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011577.D
Acq: 16 Aug 2019 13:40

Tgt Ion: 75 Resp: 109312

Ion	Ratio	Lower	Upper
75	100		
53	0.5	77.4	116.0#
89	0.3	37.3	55.9#