Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010690.D
Acq On : 08 Jul 2019 13:05
Operator : JC/SP
Sample : K3635-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP-23DL

Quant Time: Jul 09 01:06:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	239513	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	365615	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	334495	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154363	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	117681	52.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.80%				
35) Dibromofluoromethane	5.50	113	115434	51.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.20%				
50) Toluene-d8	8.71	98	432463	50.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.06%				
62) 4-Bromofluorobenzene	11.13	95	146711	47.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.96%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	557	0.287	ug/l		98
4) Vinyl Chloride	1.41	62	8530	4.016	ug/l		94
5) Bromomethane	1.65	94	649	0.627	ug/l		84
6) Chloroethane	1.73	64	2037	1.626	ug/l	#	76
10) Methyl Iodide	2.52	142	1004	0.345	ug/l	#	89
11) Tert butyl alcohol	3.03	59	583	0.992	ug/l	#	74
13) Acrolein	2.30	56	263	0.675	ug/l	#	43
15) Acrylonitrile	3.14	53	359	0.309	ug/l	#	70
16) Acetone	2.44	43	934	0.830	ug/l		97
17) Carbon Disulfide	2.57	76	1807	0.324	ug/l	#	85
19) Methyl tert-butyl Ether	3.19	73	52954	8.108	ug/l		98
20) Methylene Chloride	2.85	84	501	0.216	ug/l	#	41
21) trans-1,2-Dichloroethene	3.17	96	486	0.218	ug/l	#	65
27) cis-1,2-Dichloroethene	4.59	96	94886	36.775	ug/l		91
29) Tetrahydrofuran	5.16	42	525	0.513	ug/l	#	32
36) 1,1-Dichloropropene	5.66	75	15088	5.193	ug/l	#	47
38) Carbon Tetrachloride	5.66	117	21132	6.717	ug/l	#	15
40) Benzene	6.15	78	6334	0.700	ug/l		97
43) Isopropyl Acetate	6.43	43	1208	0.244	ug/l	#	40
44) Trichloroethene	7.21	130	5121	1.891	ug/l		98
49) 1,4-Dioxane	7.76	88	48	0.725	ug/l	#	1
60) Dibromochloromethane	9.33	129	5663	2.057	ug/l	#	11
64) Tetrachloroethene	9.33	164	6733	2.489	ug/l		95
76) 1,2,3-Trichloropropane	11.13	75	70704	25.136	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.13	75	70704	58.639	ug/l	#	16
93) 1,2,4-Trichlorobenzene	13.65	180	776	0.221	ug/l		88

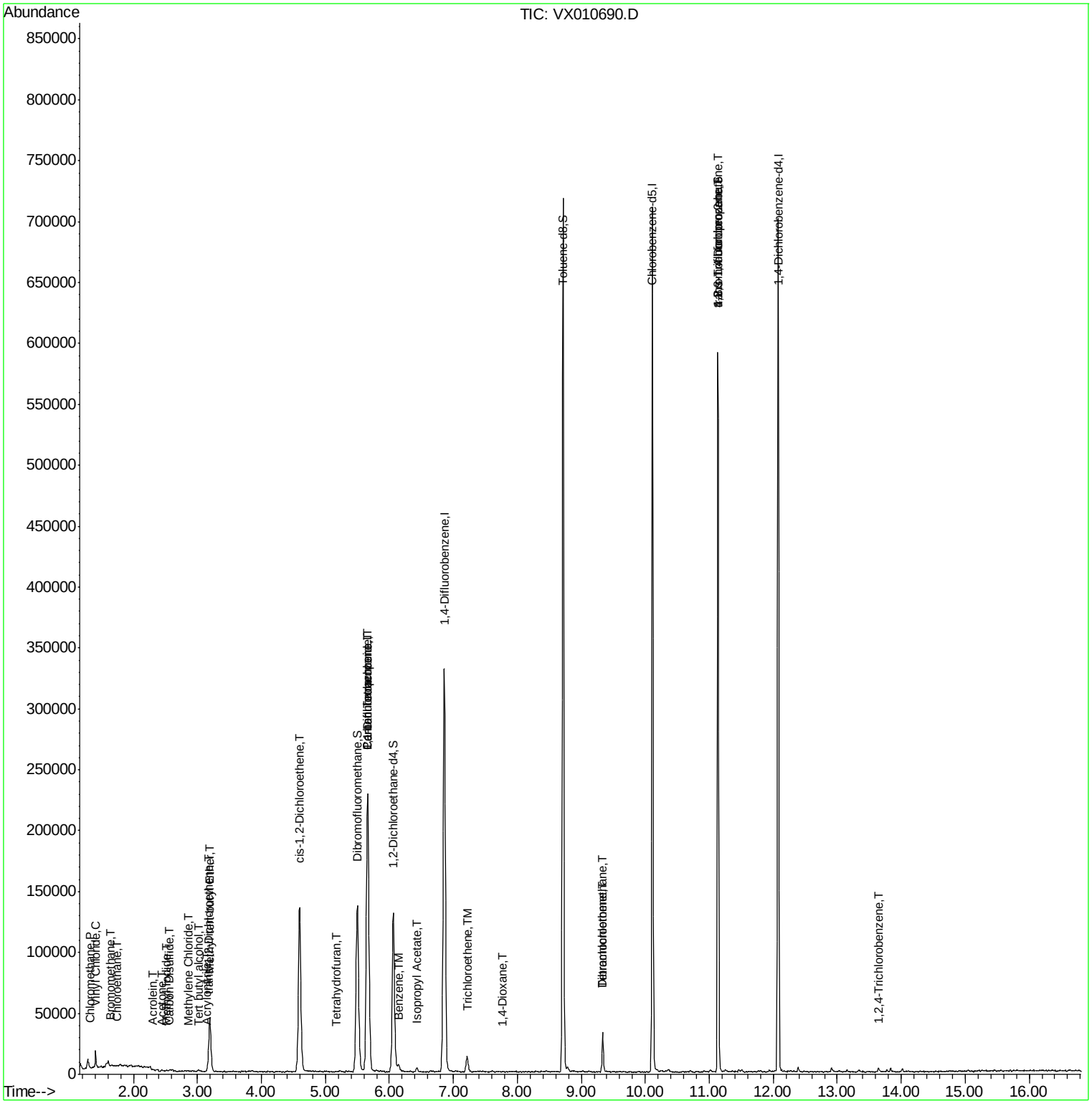
(#) = qualifier out of range (m) = manual integration (+) = signals summed

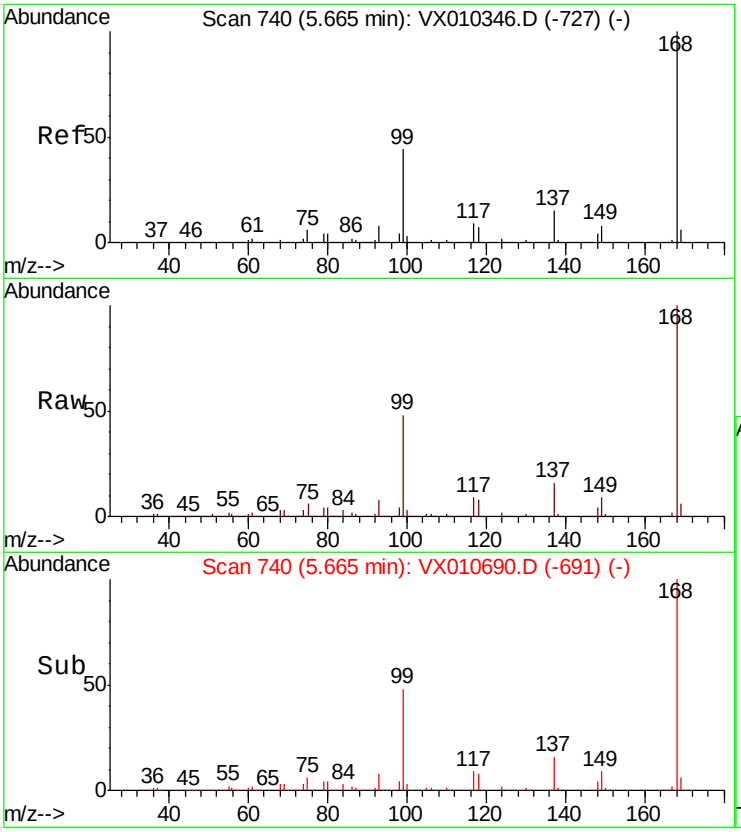
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
Data File : VX010690.D
Acq On : 08 Jul 2019 13:05
Operator : JC/SP
Sample : K3635-04DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Quant Time: Jul 09 01:06:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



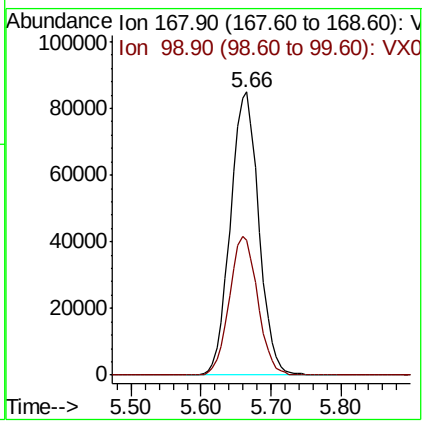


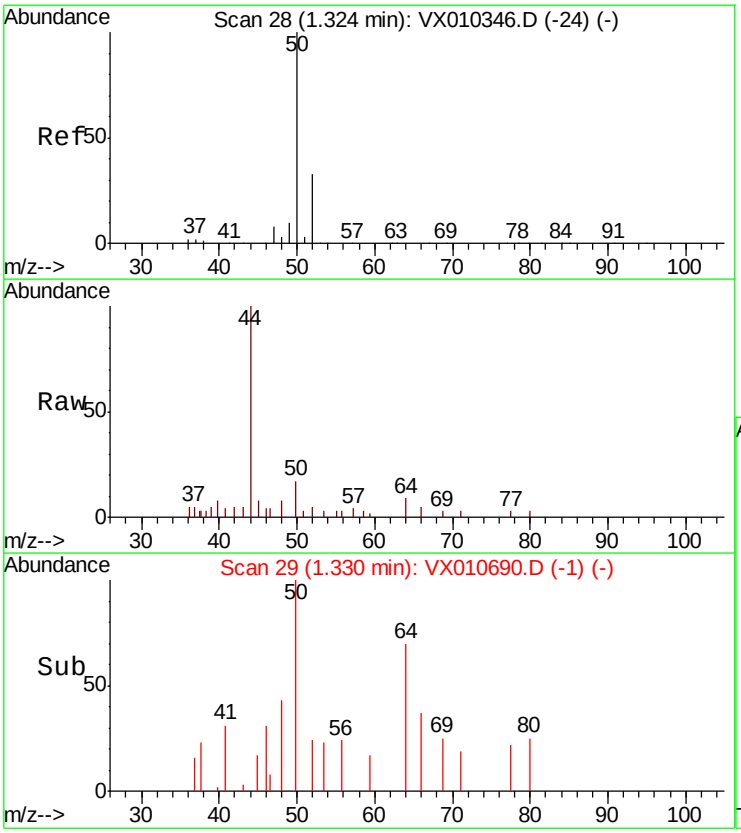
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion:168 Resp: 239513

Ion	Ratio	Lower	Upper
168	100		
99	47.7	35.5	53.3

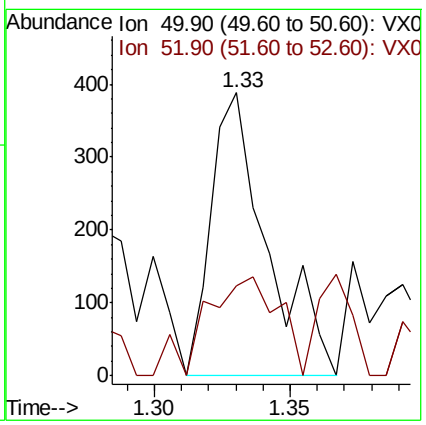


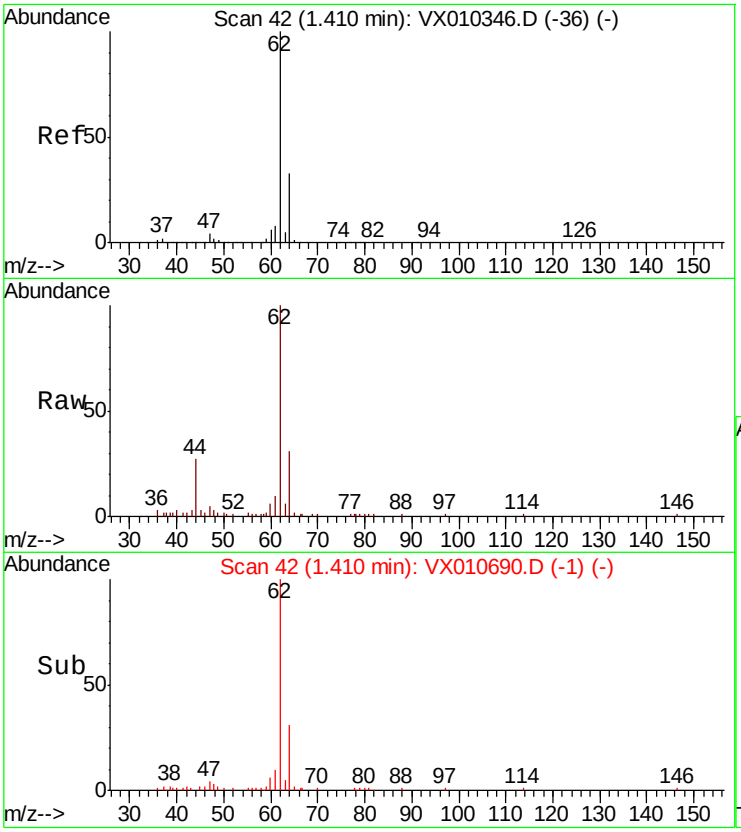


#3
Chloromethane
Concen: 0.287 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 50 Resp: 557

Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.5	39.7

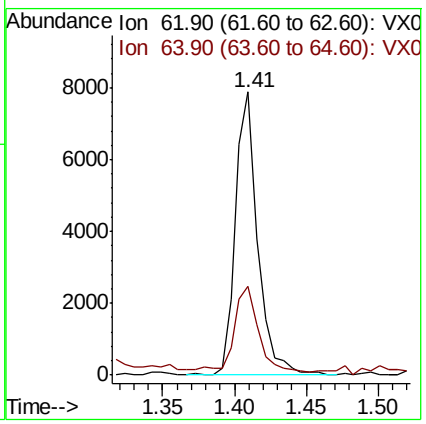




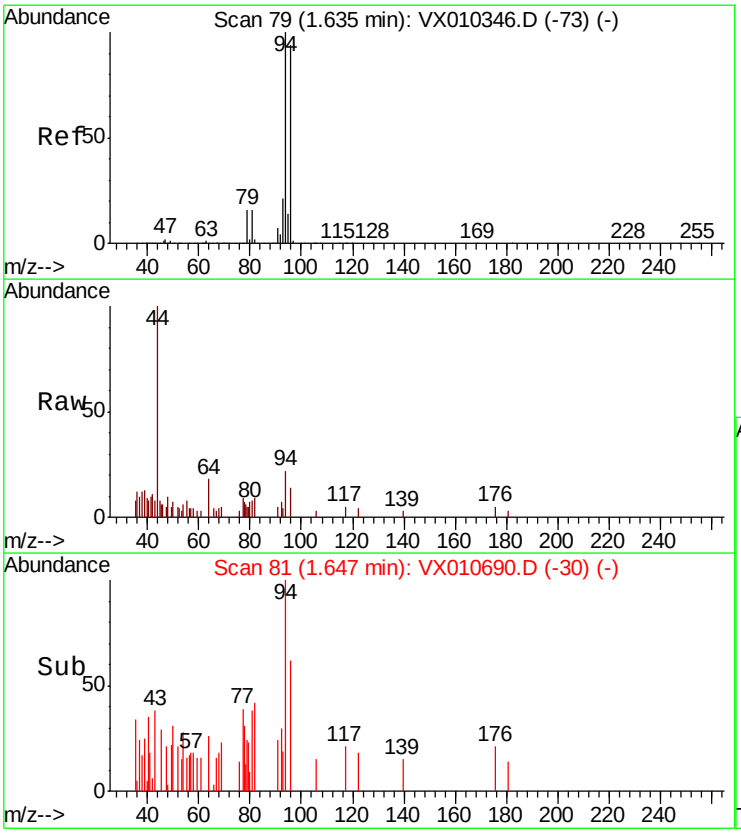
#4
Vinyl Chloride
Concen: 4.016 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 62 Resp: 8530

Ion	Ratio	Lower	Upper
62	100		
64	29.4	26.2	39.4



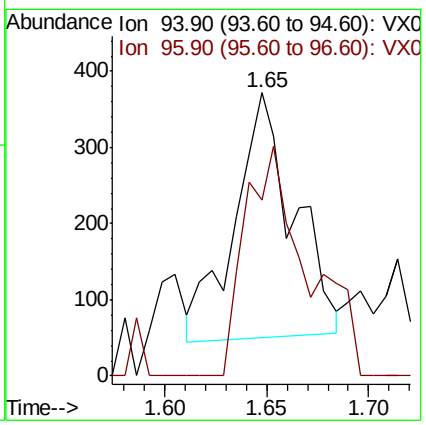
Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

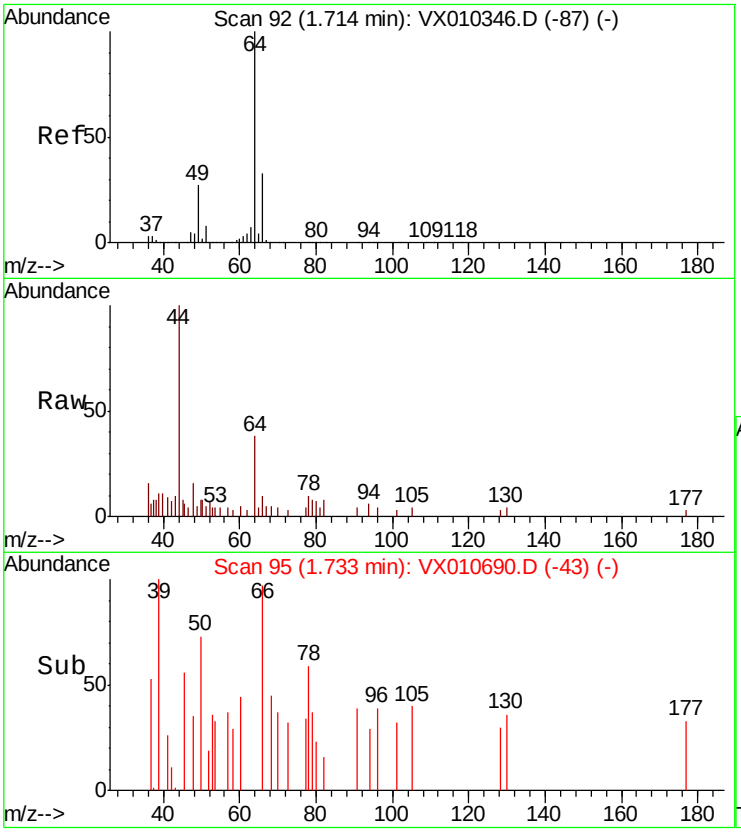


#5
Bromomethane
Concen: 0.627 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 94 Resp: 649

Ion	Ratio	Lower	Upper
94	100		
96	79.1	75.5	113.3



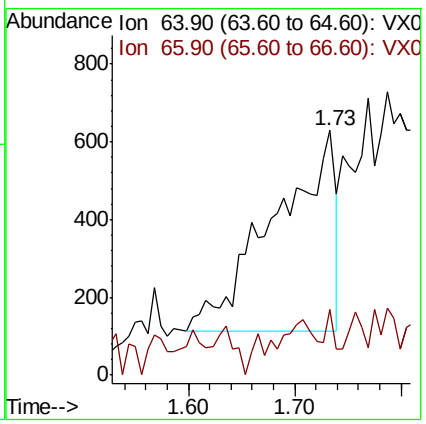


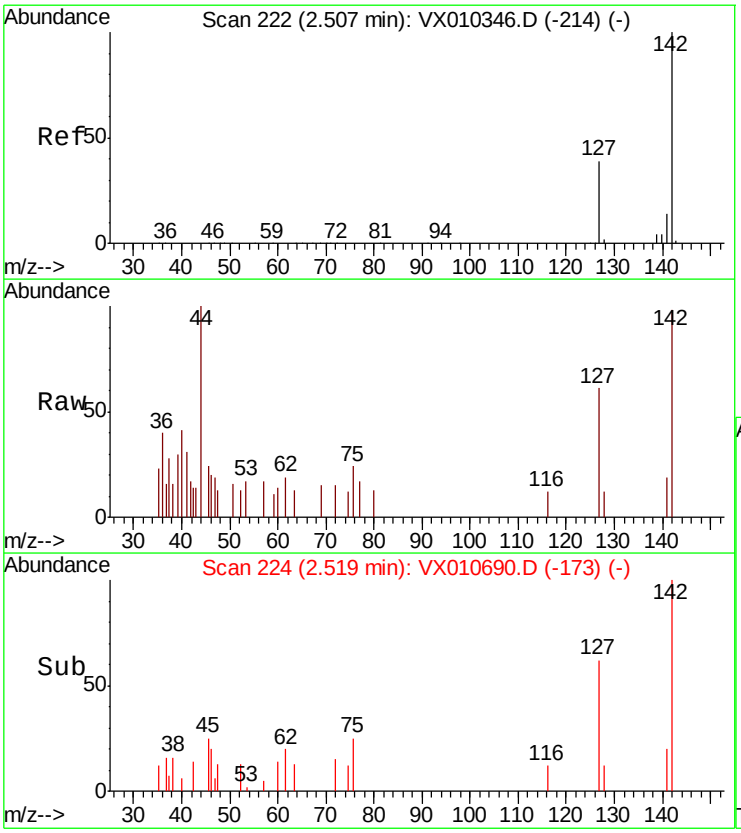
#6
Chloroethane
Concen: 1.626 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion: 64 Resp: 2037

Ion	Ratio	Lower	Upper
64	100		
66	20.0	26.6	40.0#

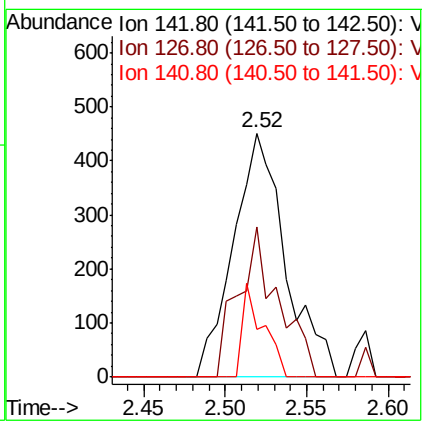


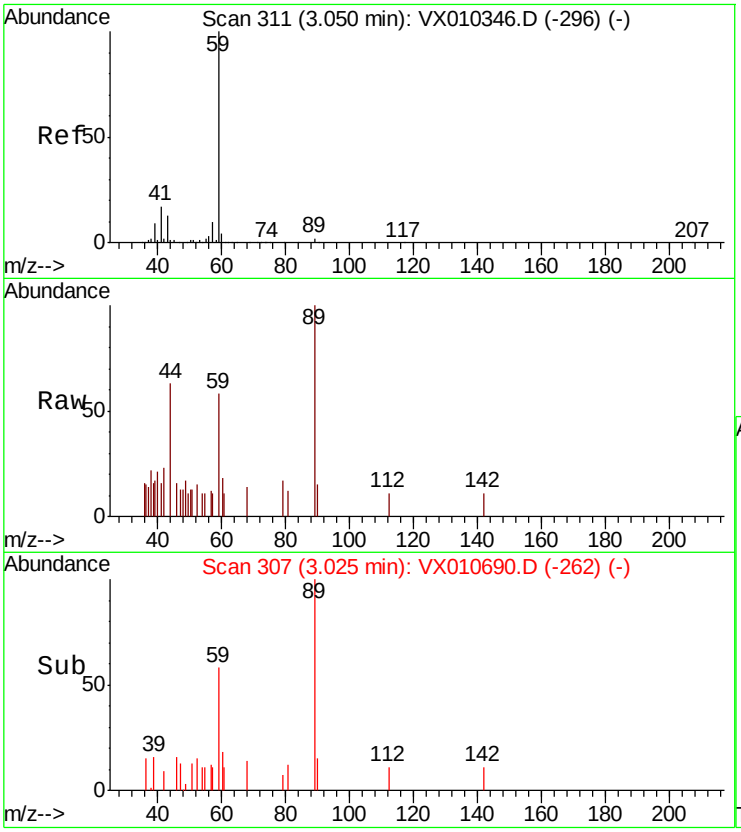


#10
Methyl Iodide
Concen: 0.345 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion:142 Resp: 1004

Ion	Ratio	Lower	Upper
142	100		
127	47.6	31.1	46.7#
141	15.2	11.2	16.8



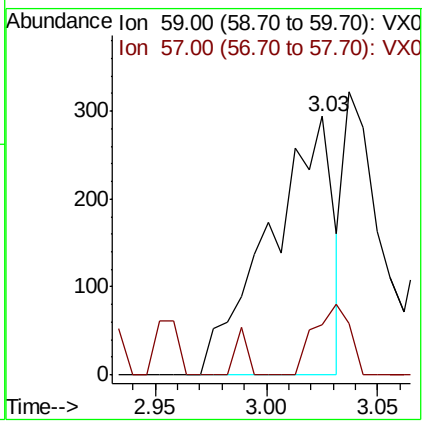


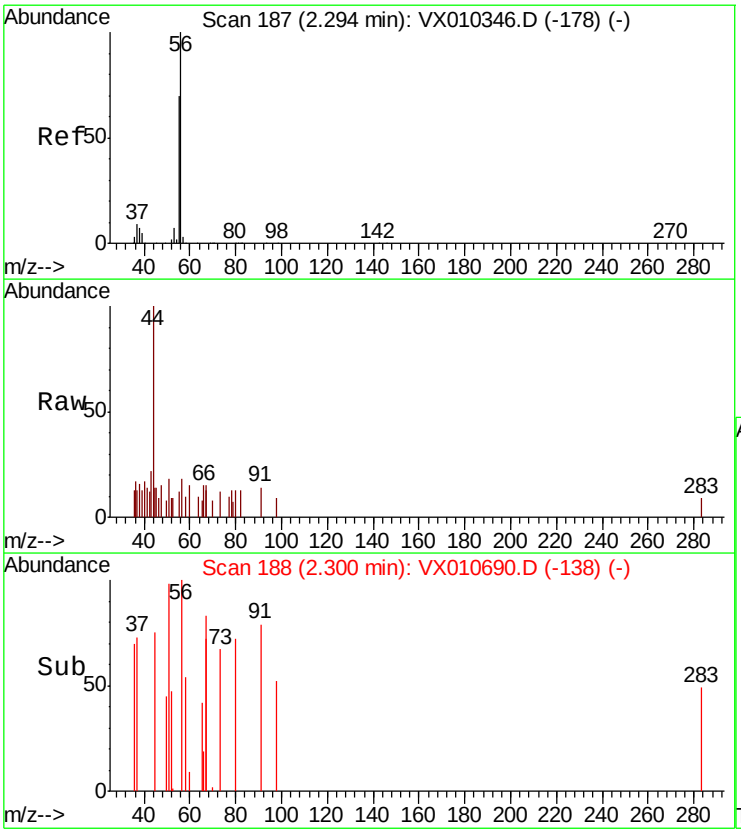
#11
Tert butyl alcohol
Concen: 0.992 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument : MSVOA_X
ClientSampleId : WP-23DL

Tgt Ion: 59 Resp: 583

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

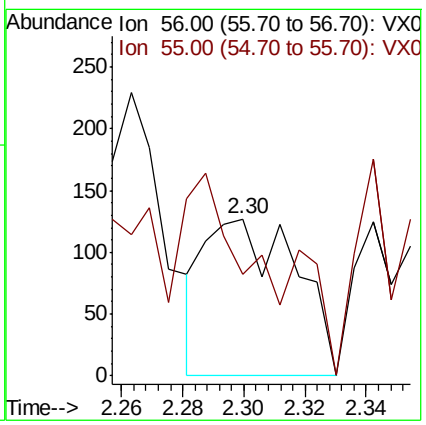


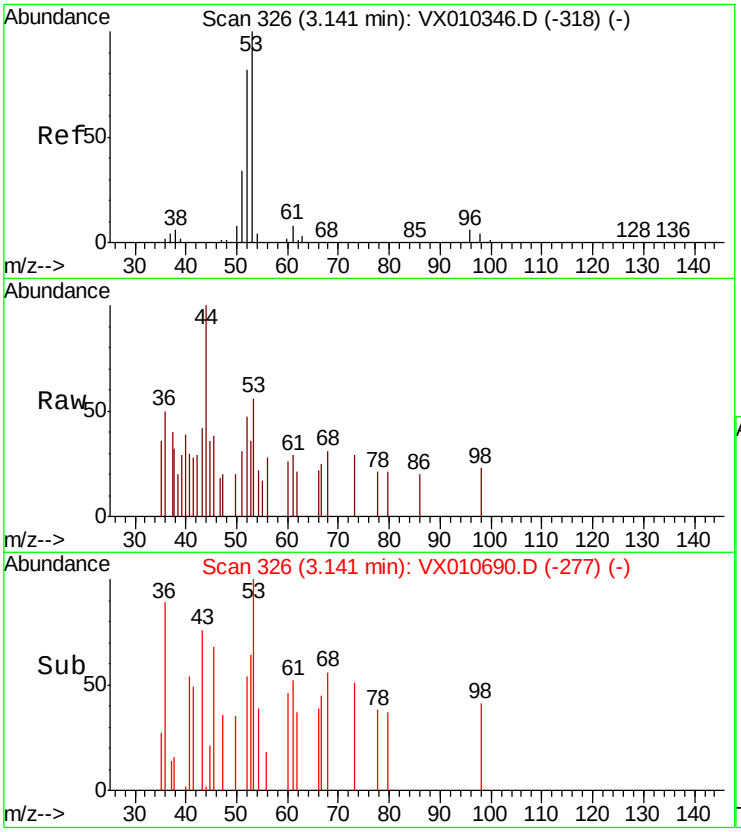


#13
Acrolein
Concen: 0.675 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 56 Resp: 263

Ion	Ratio	Lower	Upper
56	100		
55	118.3	56.9	85.3#



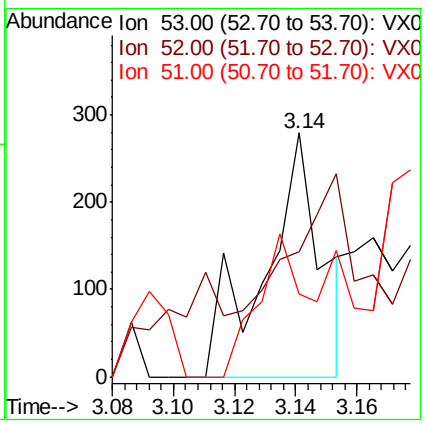


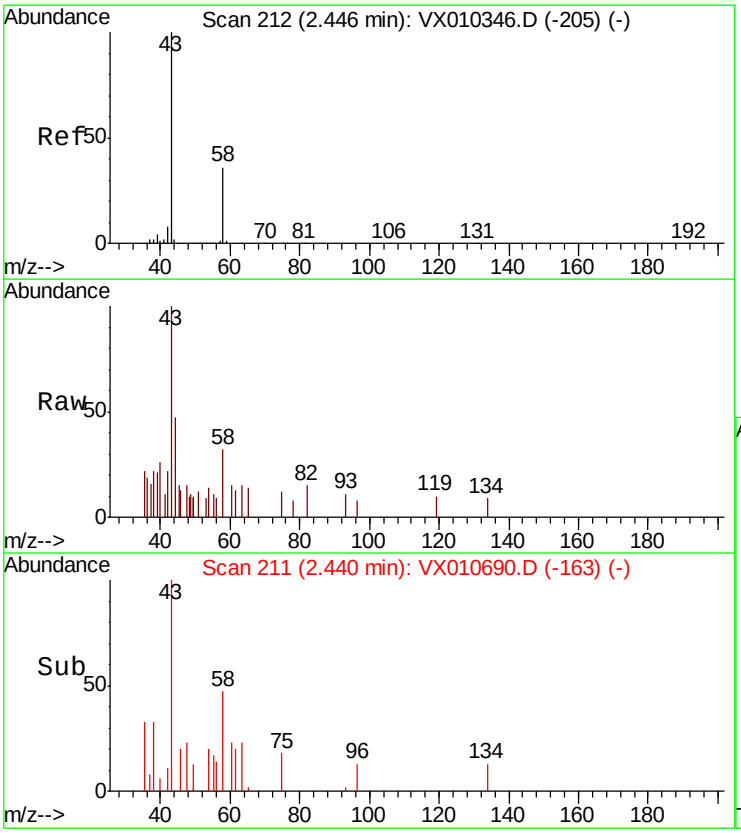
#15
Acrylonitrile
Concen: 0.309 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument : MSVOA_X
ClientSampleId : WP-23DL

Tgt Ion: 53 Resp: 359

Ion	Ratio	Lower	Upper
53	100		
52	52.9	65.5	98.3#
51	50.4	28.2	42.4#

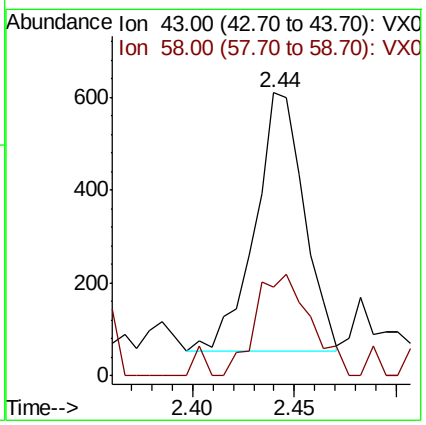


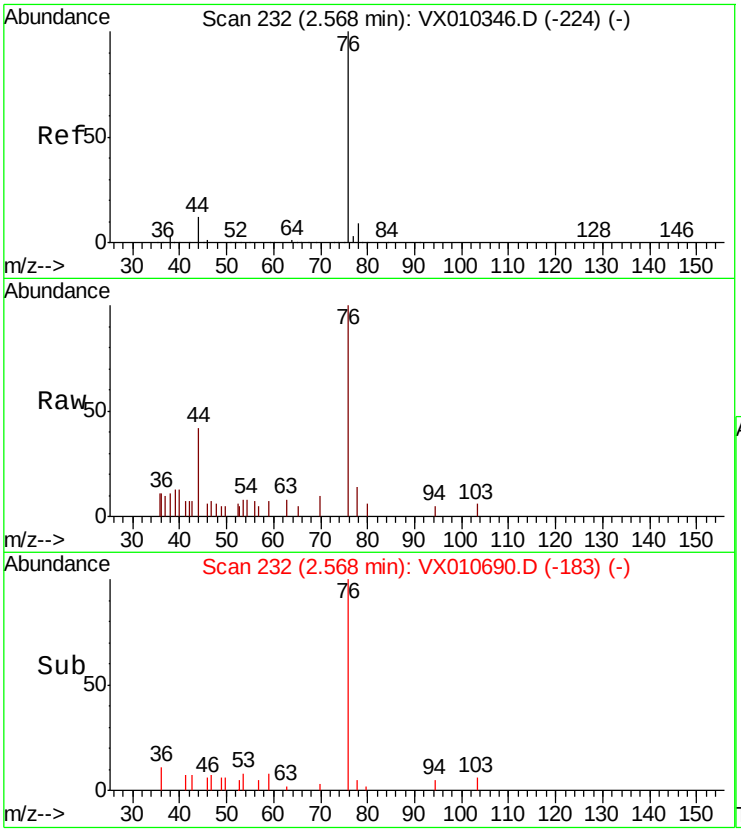


#16
Acetone
Concen: 0.830 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 43 Resp: 934

Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.9	43.3



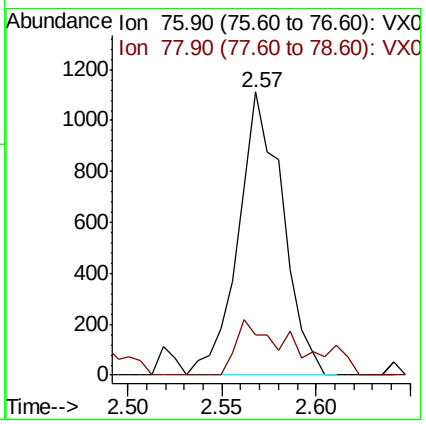


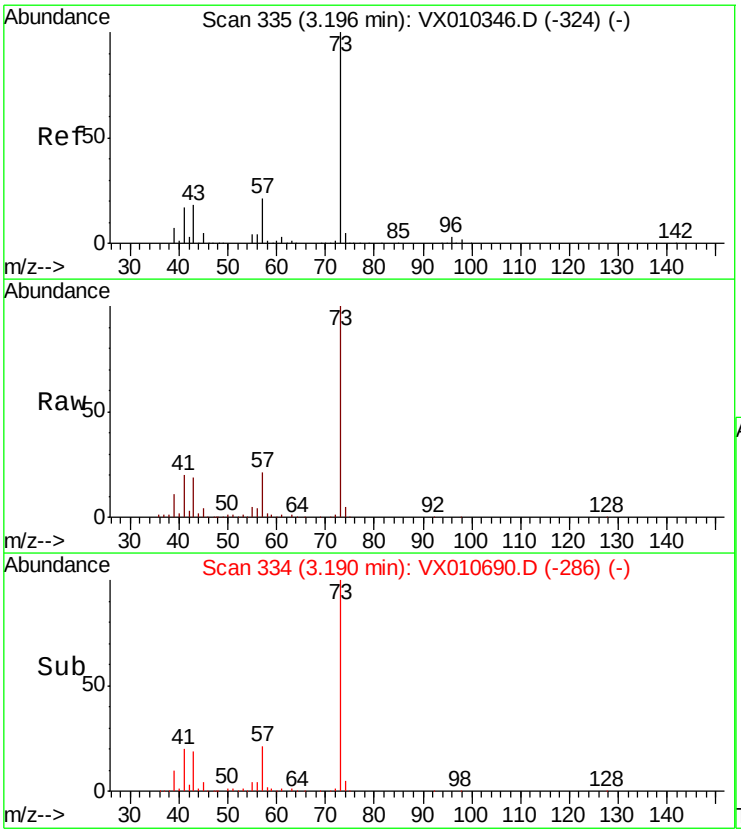
#17
Carbon Disulfide
Concen: 0.324 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion: 76 Resp: 1807

Ion	Ratio	Lower	Upper
76	100		
78	14.4	7.3	10.9#

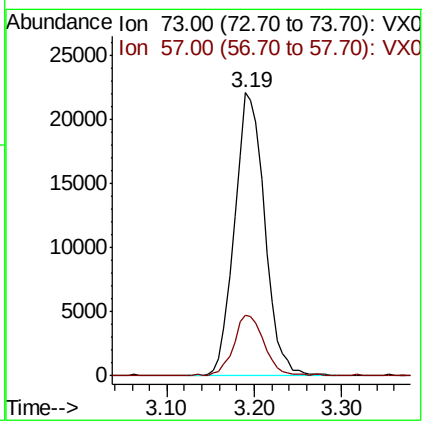


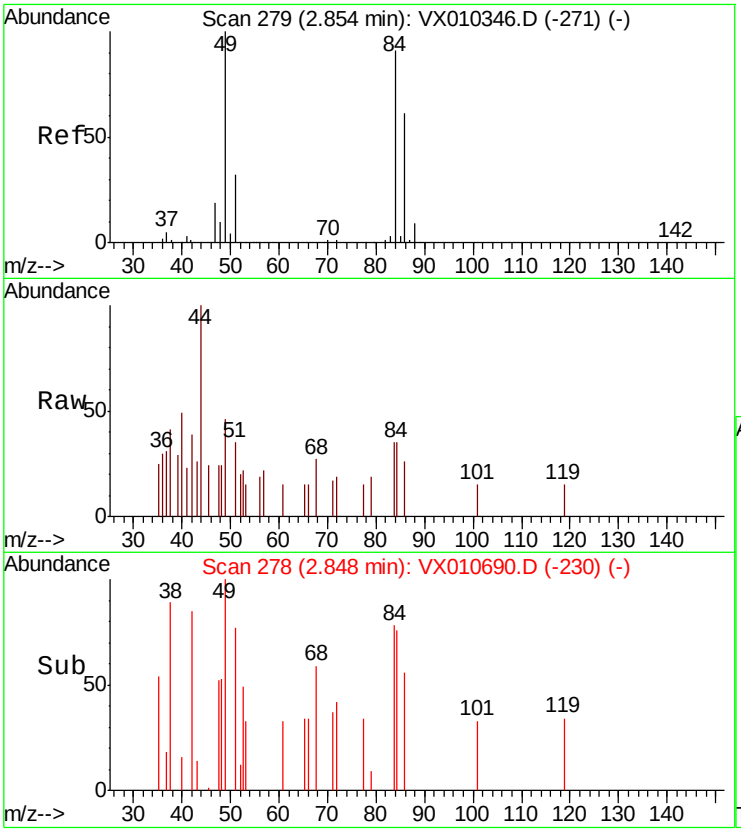


#19
Methyl tert-butyl Ether
Concen: 8.108 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 73 Resp: 52954

Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.4	24.6



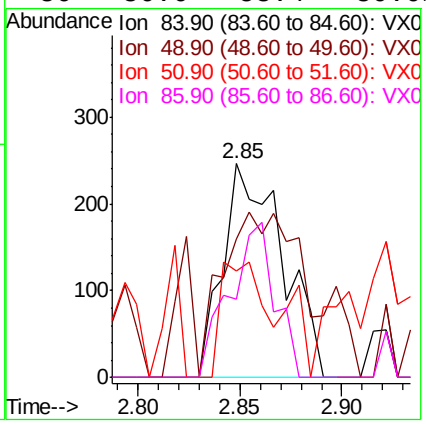


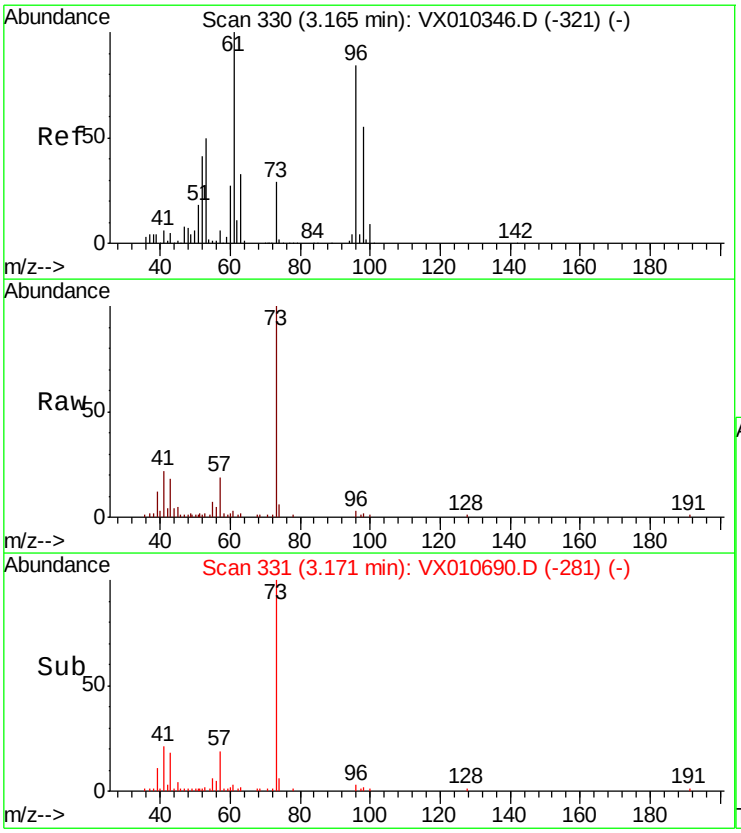
#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument : MSVOA_X
ClientSampleId : WP-23DL

Tgt Ion: 84 Resp: 501

Ion	Ratio	Lower	Upper
84	100		
49	22.4	87.5	131.3#
51	50.0	27.7	41.5#
86	36.6	53.4	80.0#

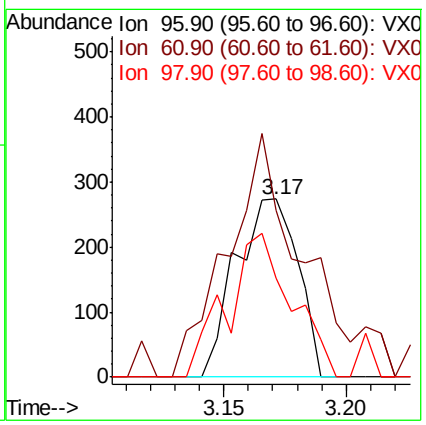


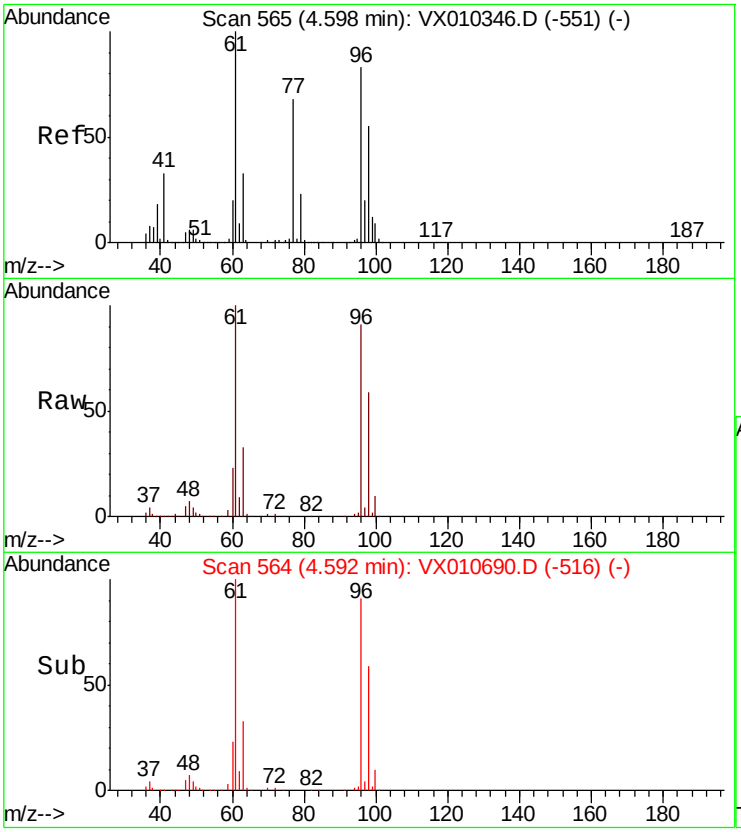


#21
trans-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 96 Resp: 486

Ion	Ratio	Lower	Upper
96	100		
61	67.2	95.6	143.4#
98	55.5	52.5	78.7



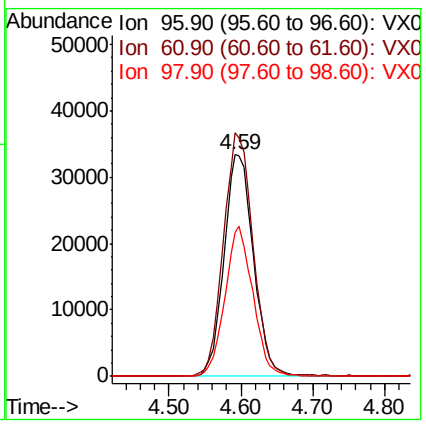


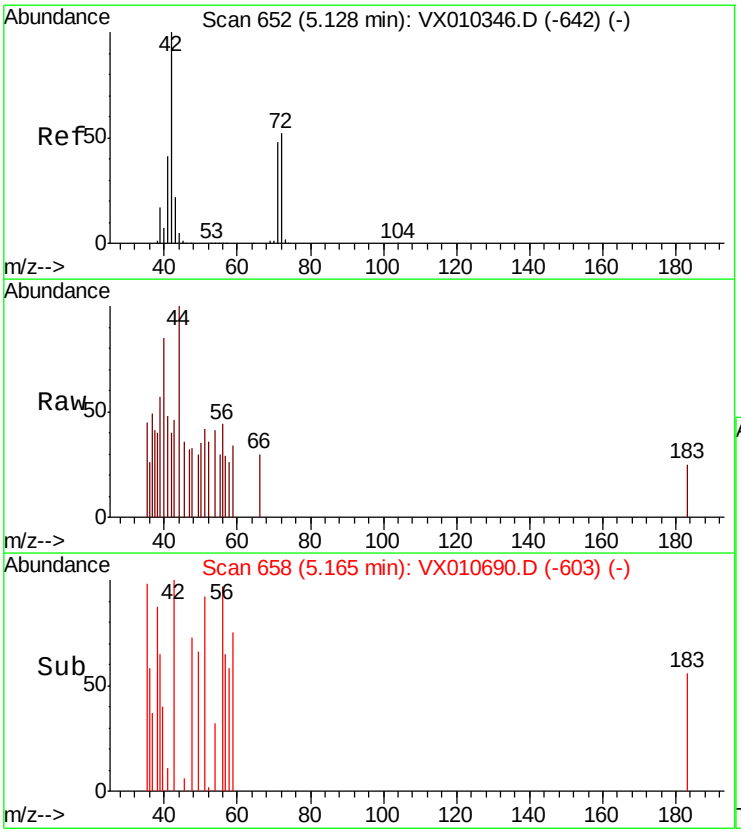
#27
cis-1,2-Dichloroethene
Concen: 36.775 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion: 96 Resp: 94886

Ion	Ratio	Lower	Upper
96	100		
61	110.5	0.0	251.8
98	64.0	0.0	129.4

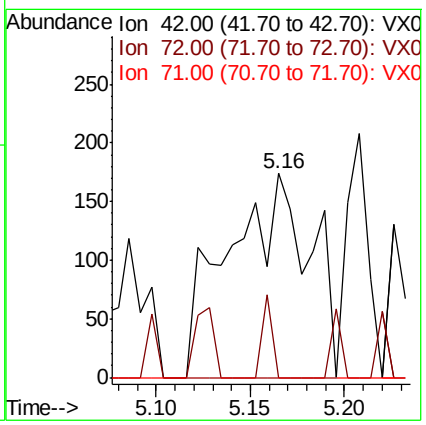


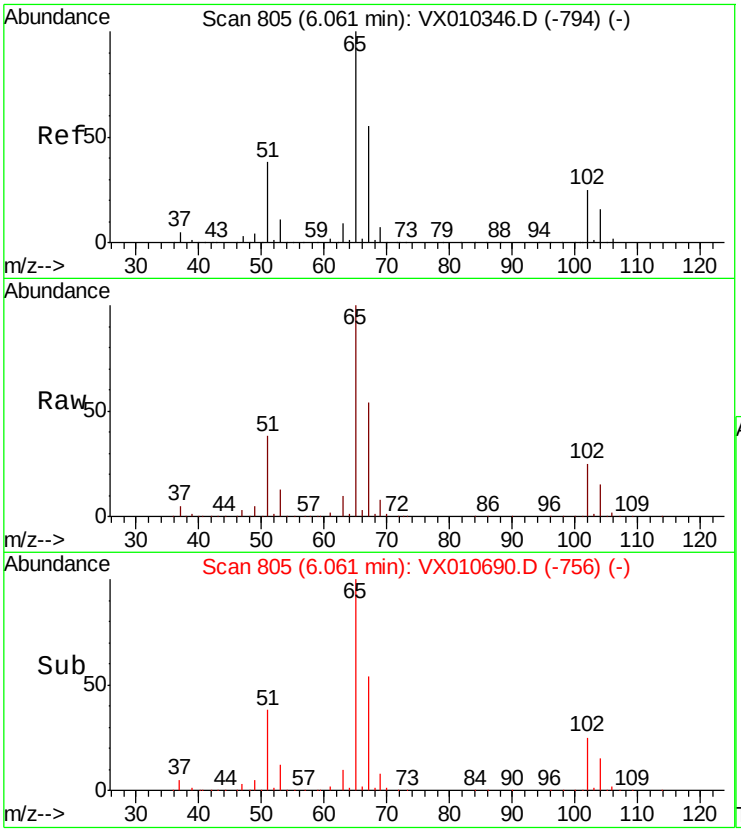


#29
Tetrahydrofuran
Concen: 0.513 ug/l
RT: 5.16 min Scan# 658
Delta R.T. 0.04 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 42 Resp: 525

Ion	Ratio	Lower	Upper
42	100		
72	5.0	40.6	60.8#
71	0.0	37.8	56.8#



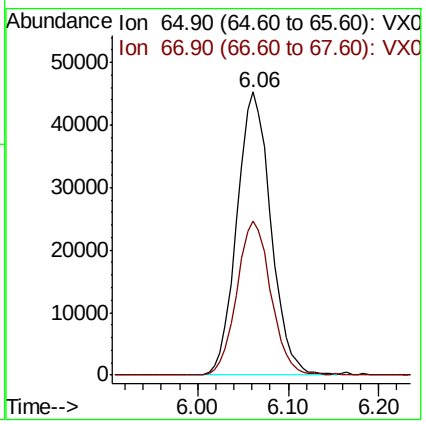


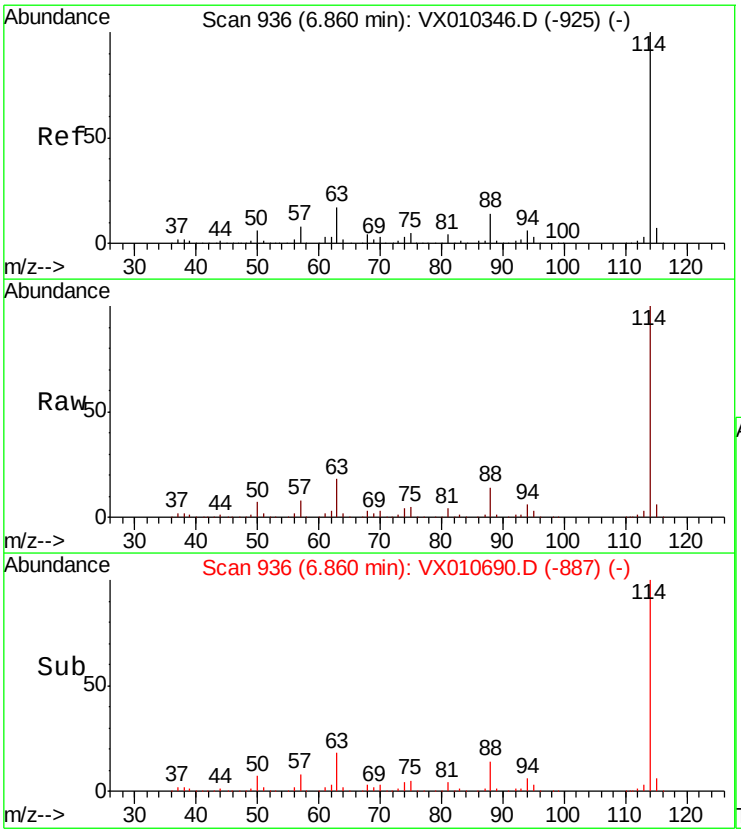
#33
1,2-Dichloroethane-d4
Concen: 52.403 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion: 65 Resp: 117681

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.2

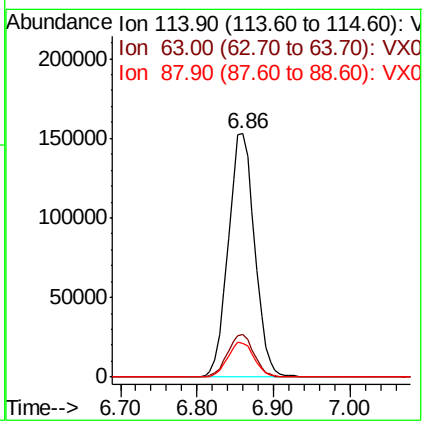


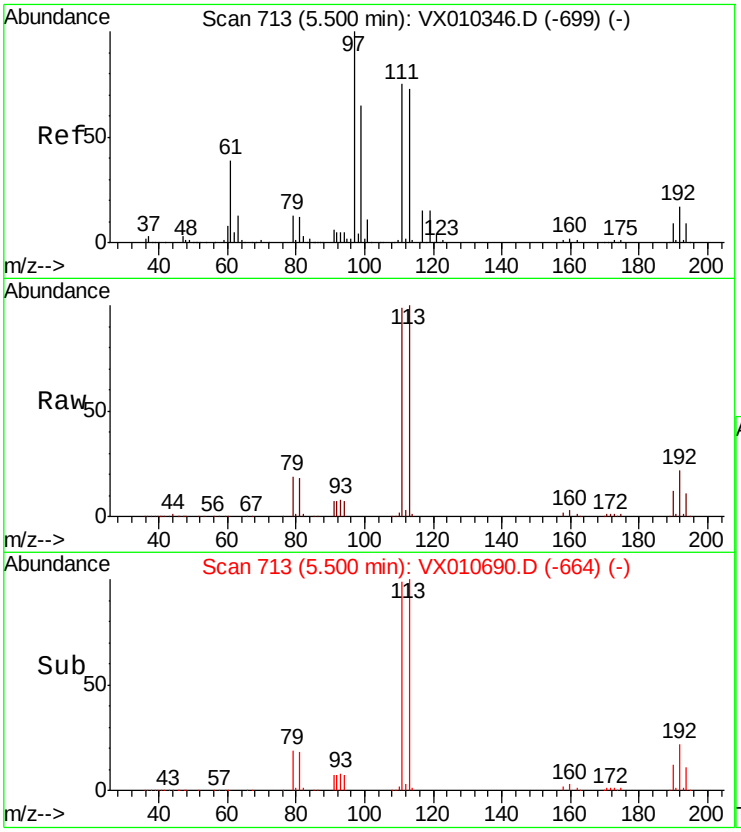


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion:114 Resp: 365615

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	33.8
88	14.0	0.0	27.6



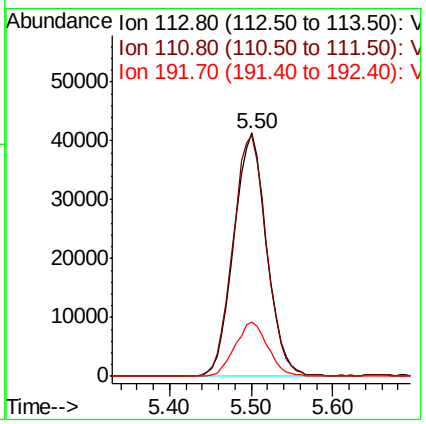


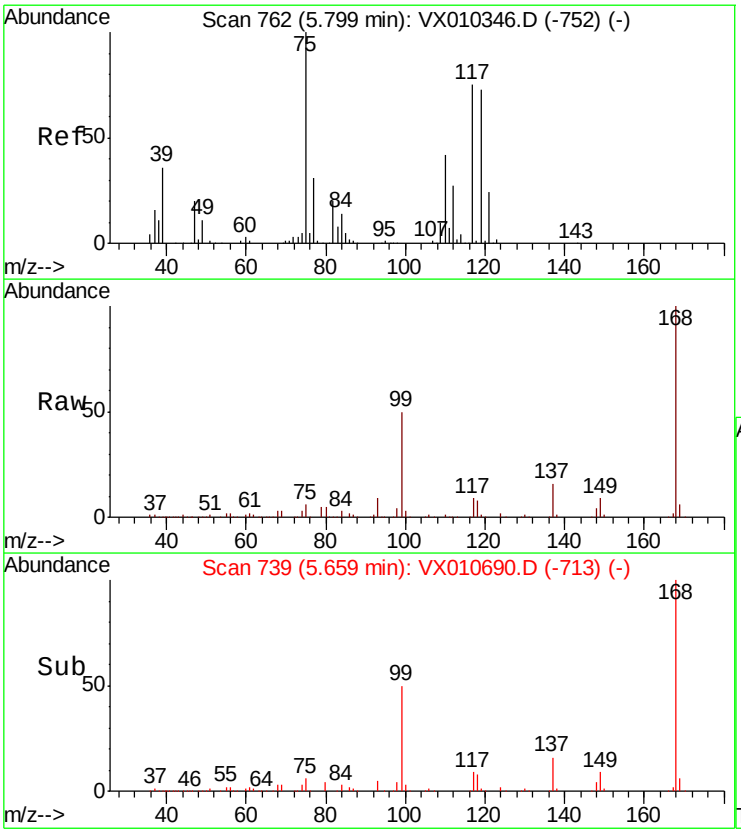
#35
Dibromofluoromethane
Concen: 51.603 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion:113 Resp: 115434

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.2	121.8
192	22.3	18.6	27.8

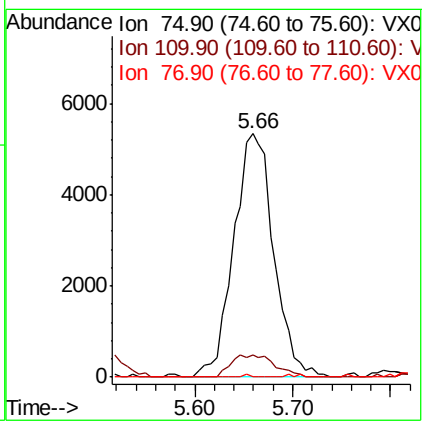


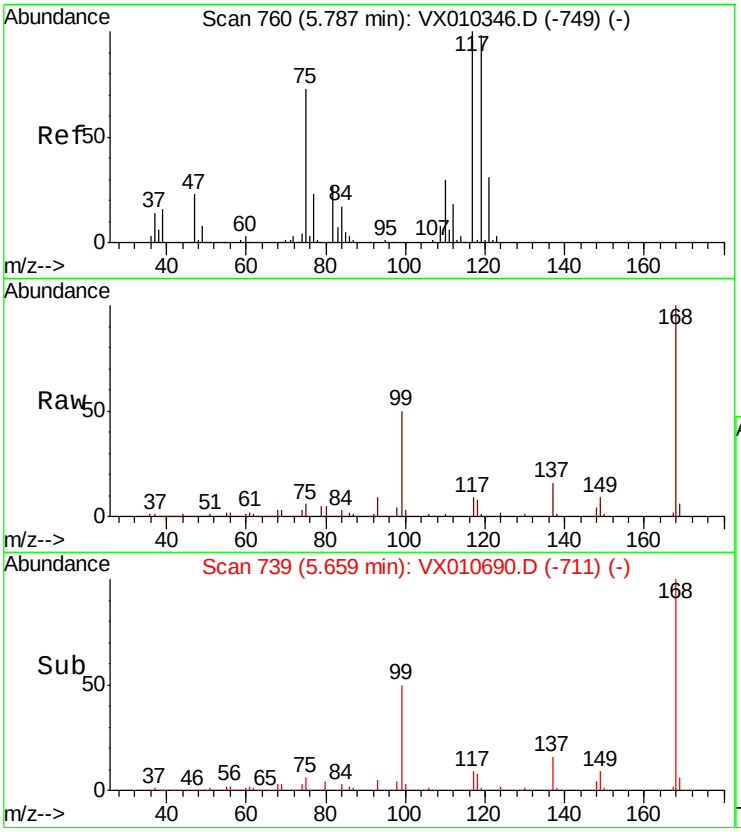


#36
1,1-Dichloropropene
Concen: 5.193 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 75 Resp: 15088

Ion	Ratio	Lower	Upper
75	100		
110	9.9	20.8	62.2#
77	0.1	25.4	38.0#



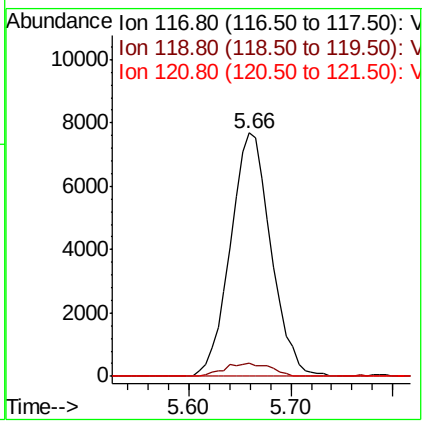


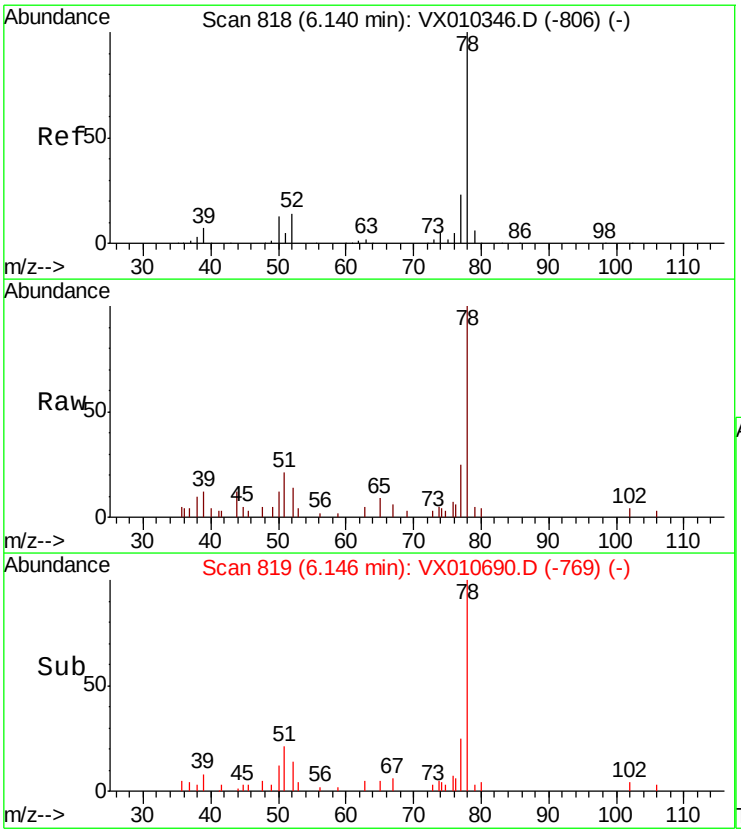
#38
Carbon Tetrachloride
Concen: 6.717 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument : MSVOA_X
ClientSampleId : WP-23DL

Tgt Ion:117 Resp: 21132

Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.2	117.4#
121	0.0	24.7	37.1#

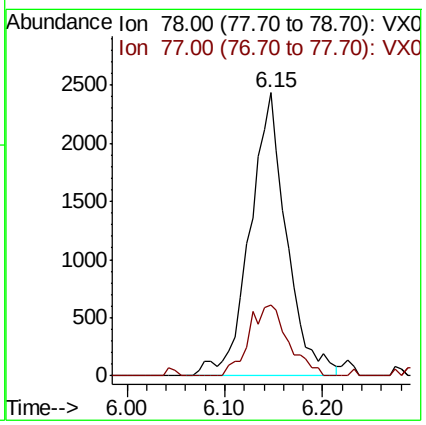


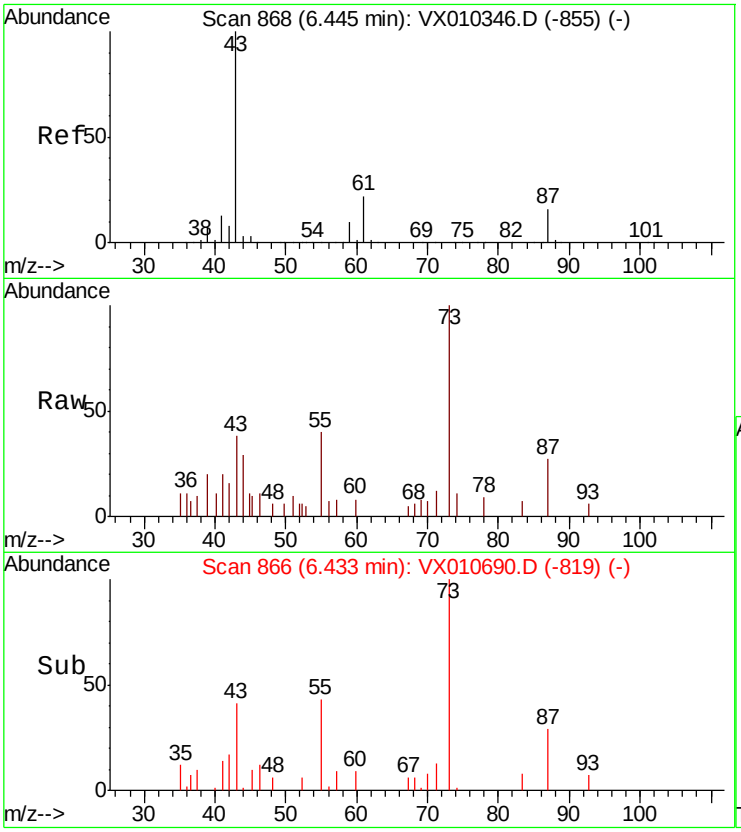


#40
Benzene
Concen: 0.700 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 78 Resp: 6334

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.6	28.0



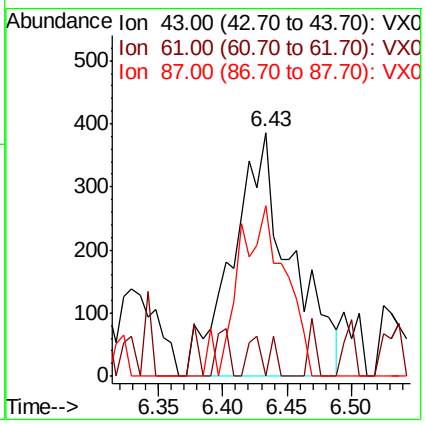


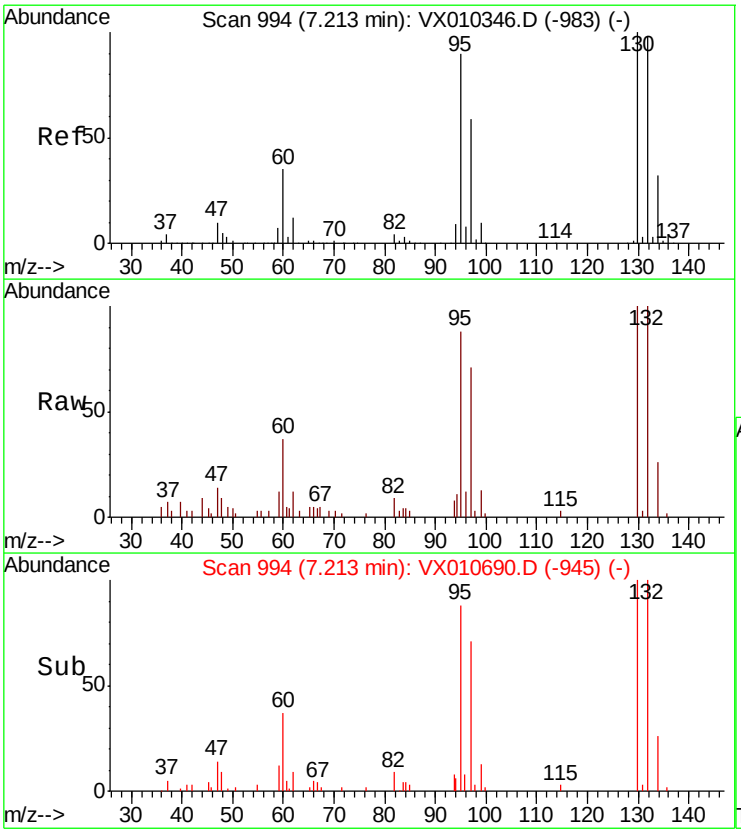
#43
Isopropyl Acetate
Concen: 0.244 ug/l
RT: 6.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument : MSVOA_X
ClientSampleId : WP-23DL

Tgt Ion: 43 Resp: 1208

Ion	Ratio	Lower	Upper
43	100		
61	5.5	17.8	26.6#
87	56.5	13.0	19.4#

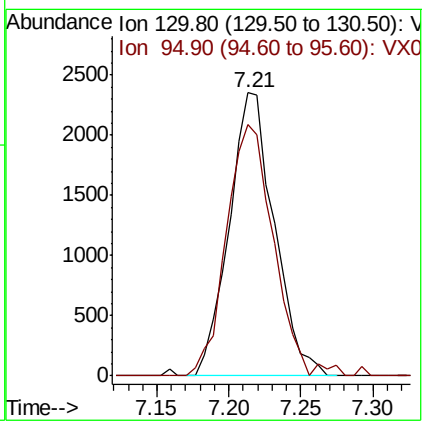


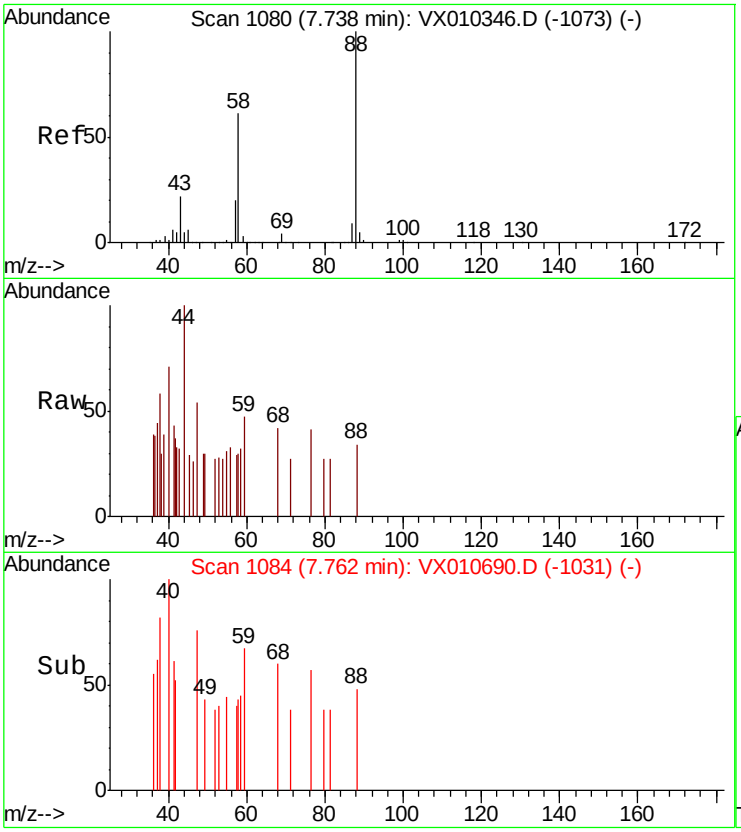


#44
Trichloroethene
Concen: 1.891 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion:130 Resp: 5121

Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	180.8



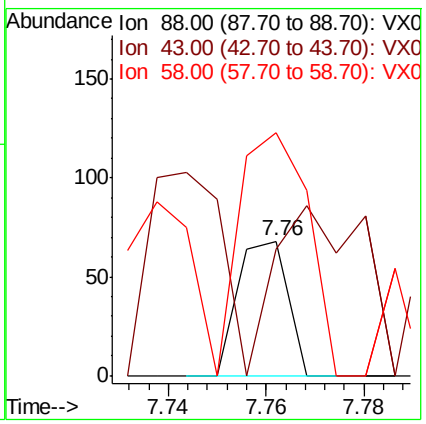


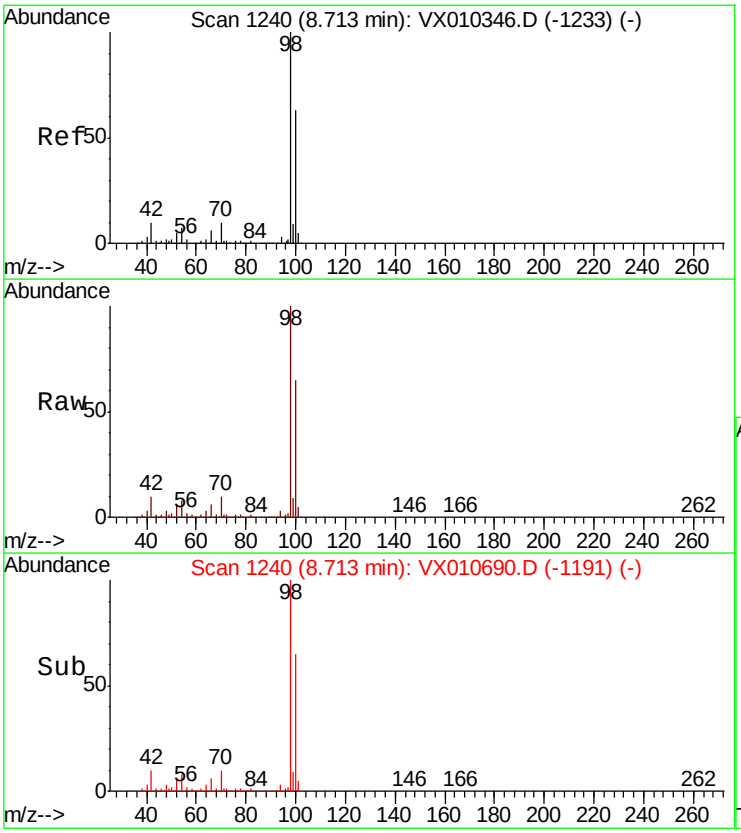
#49
1,4-Dioxane
Concen: 0.725 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	222.9	20.2	30.2#
58	250.0	49.5	74.3#

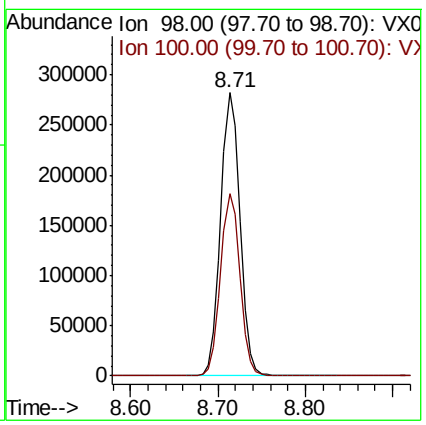


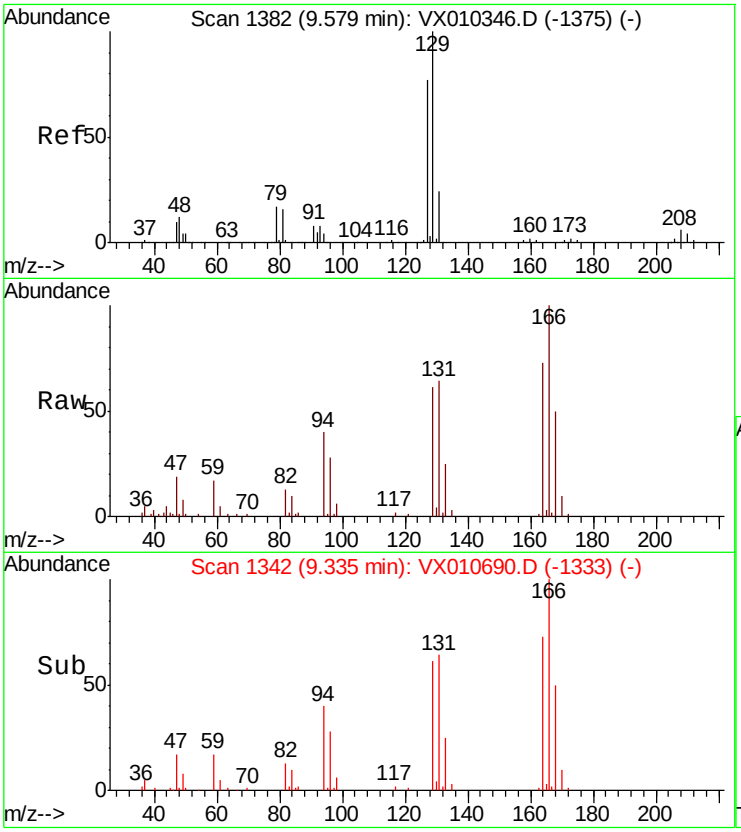


#50
Toluene-d8
Concen: 50.532 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 98 Resp: 432463

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4



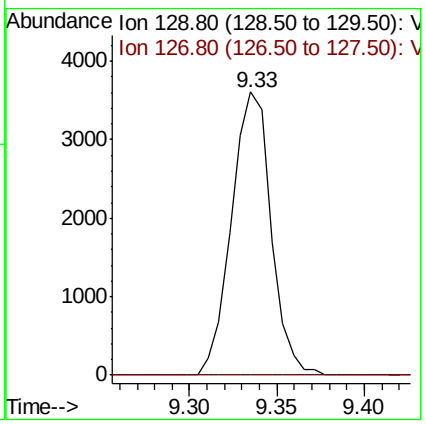


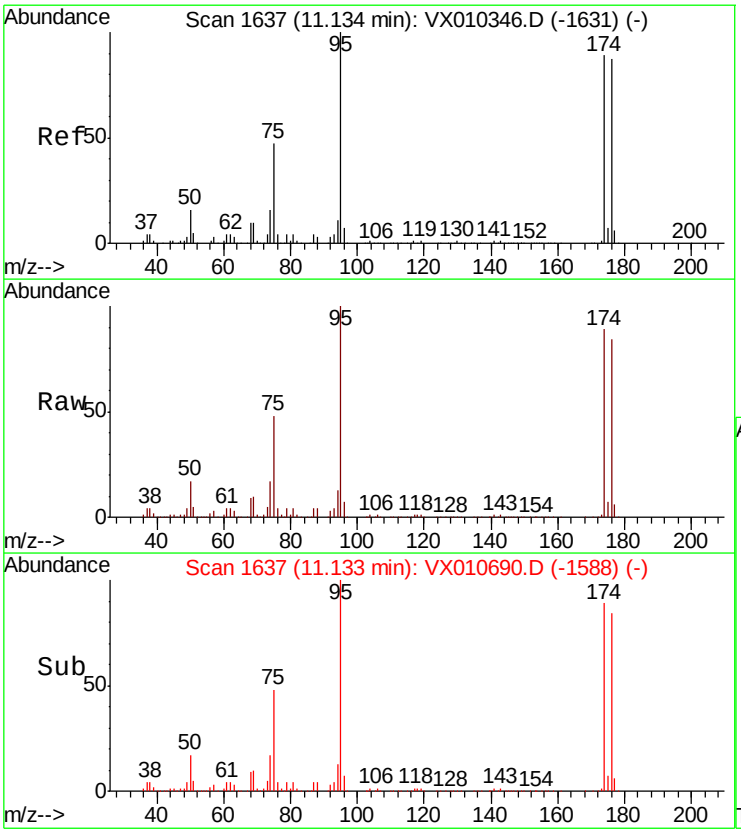
#60
Dibromochloromethane
Concen: 2.057 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion:129 Resp: 5663

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.1#

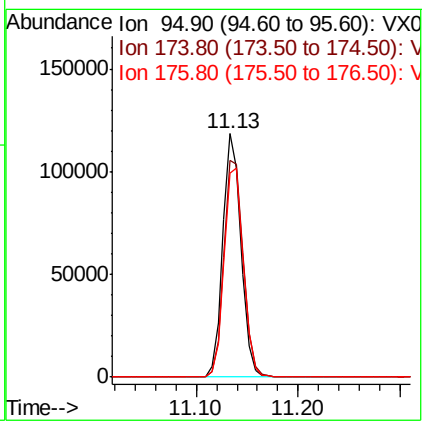


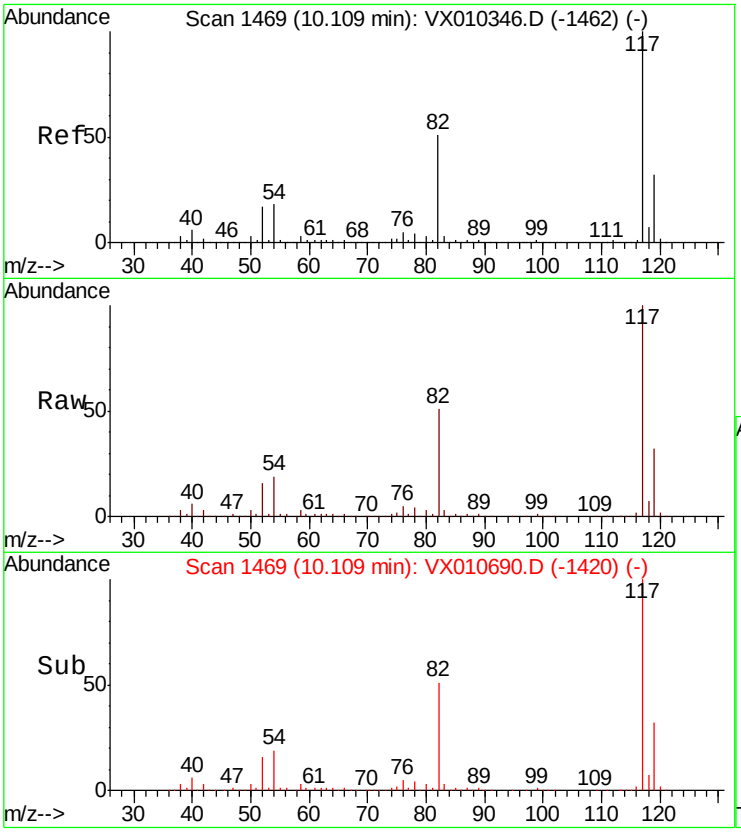


#62
4-Bromofluorobenzene
Concen: 47.483 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 95 Resp: 146711

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	187.6
176	90.7	0.0	184.0



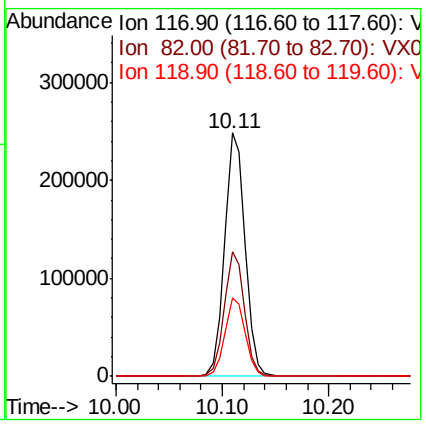


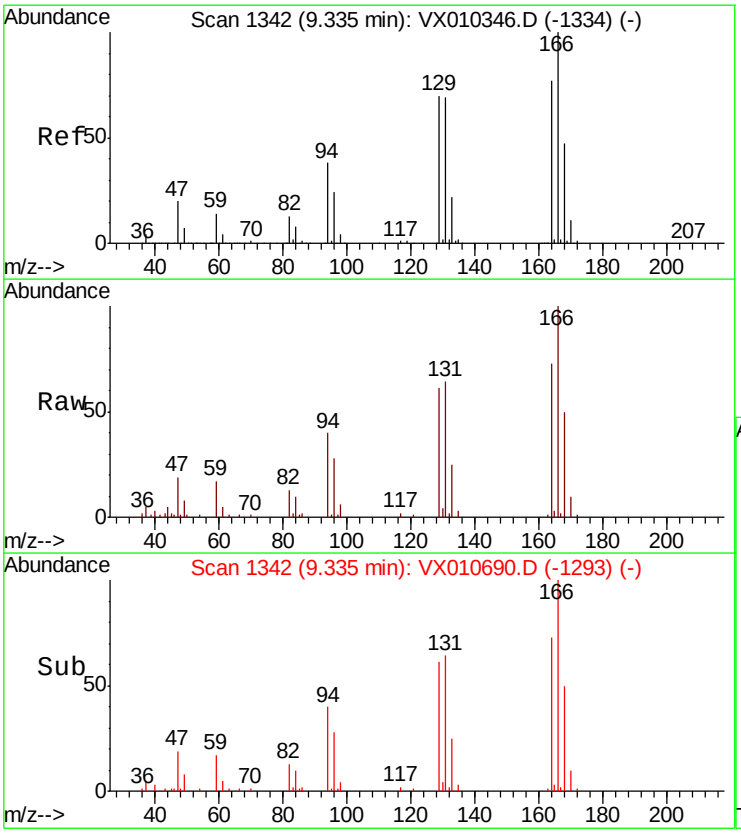
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument : MSVOA_X
ClientSampleId : WP-23DL

Tgt Ion:117 Resp: 334495

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.2	61.8
119	32.0	25.5	38.3

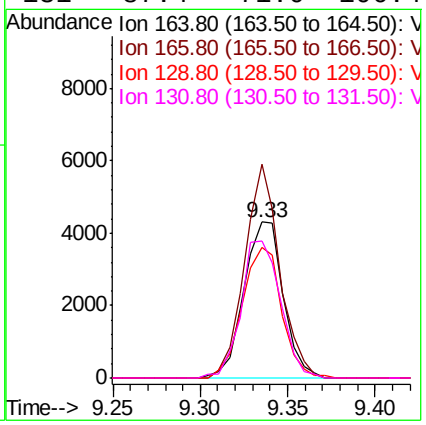


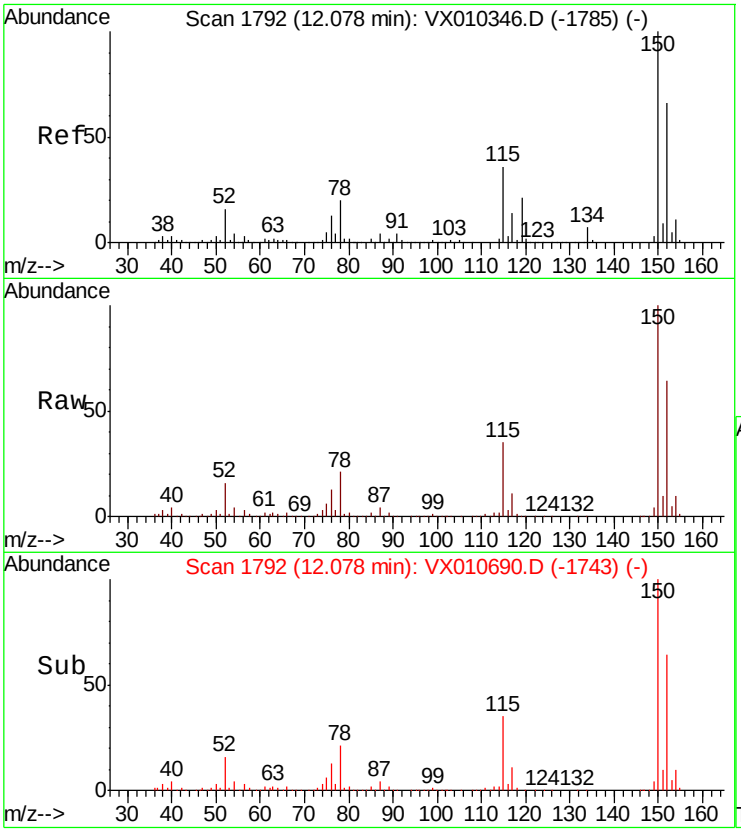


#64
Tetrachloroethene
Concen: 2.489 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion:164 Resp: 6733

Ion	Ratio	Lower	Upper
164	100		
166	136.9	103.6	155.4
129	83.7	73.0	109.4
131	87.4	71.0	106.4



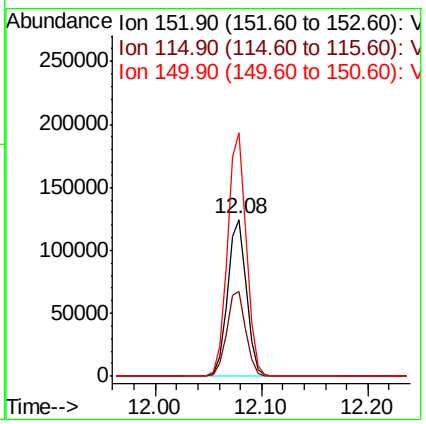


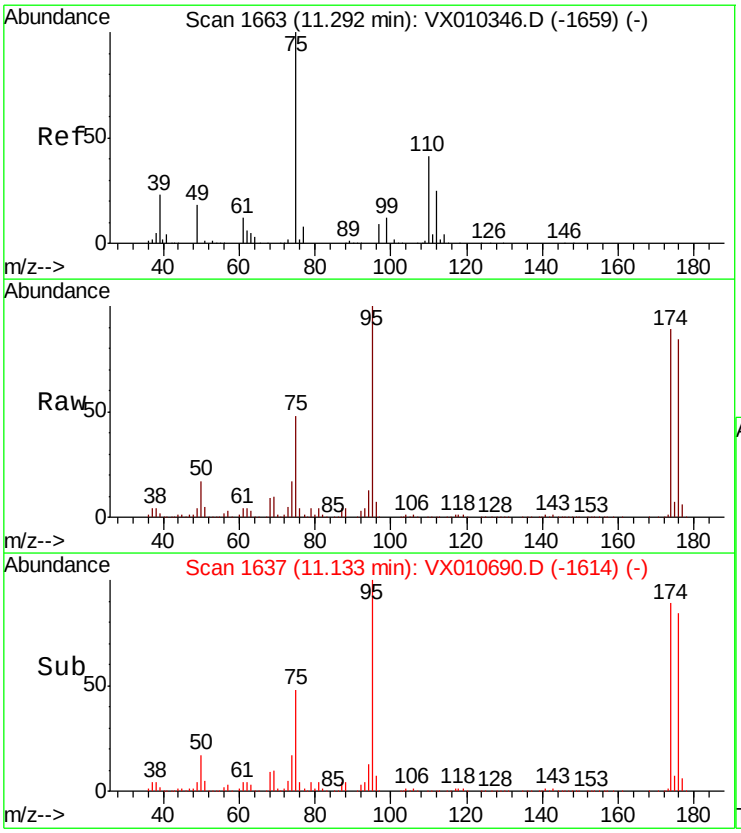
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion:152 Resp: 154363

Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.6	115.7
150	155.0	0.0	347.4

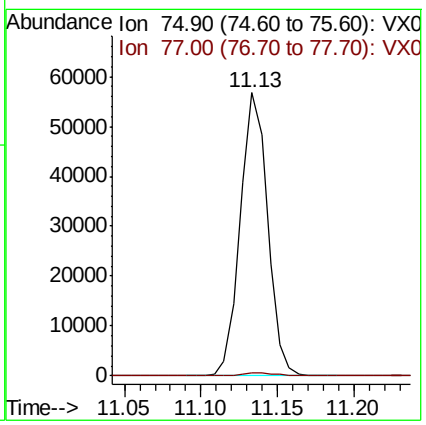


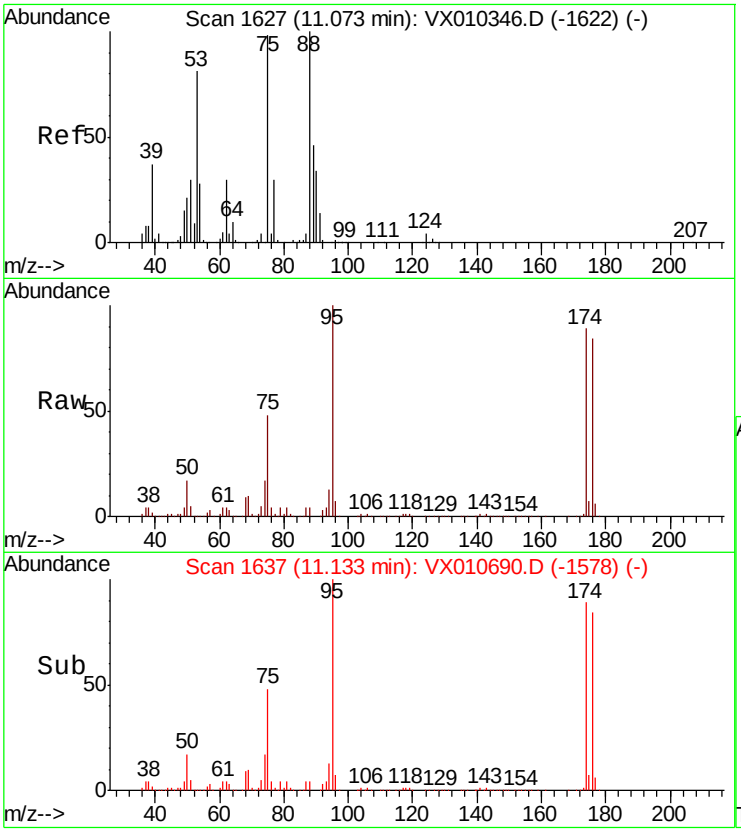


#76
1,2,3-Trichloropropane
Concen: 25.136 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 75 Resp: 70704

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.6	67.8#



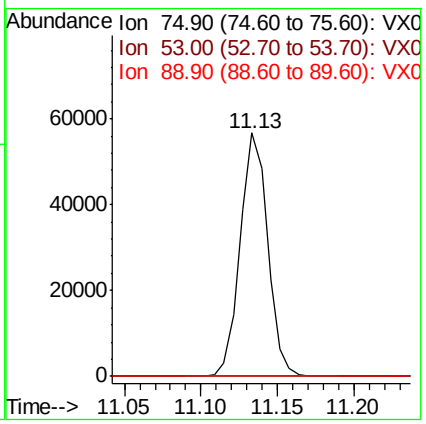


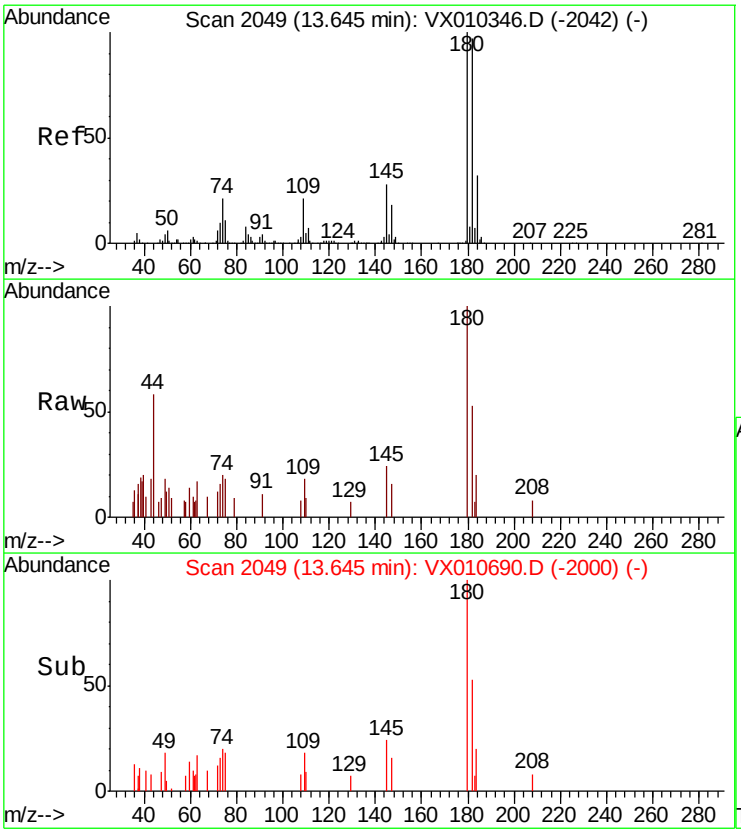
#81
trans-1,4-Dichloro-2-butene
Concen: 58.639 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

Tgt Ion: 75 Resp: 70704

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.1	99.1#
89	0.0	37.8	56.6#





#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion:180 Resp: 776

Ion	Ratio	Lower	Upper
180	100		
182	82.7	48.0	144.0
145	32.3	14.4	43.4