Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091518\
Data File : VX004591.D
Acq On : 15 Sep 2018 18:14
Operator : JC/MD
Sample : J4922-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Time: Sep 17 08:39:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	233817	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	319252	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	302871	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169724	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	141491	46.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.86%				
35) Dibromofluoromethane	5.50	113	136229	46.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.26%				
50) Toluene-d8	8.72	98	456705	46.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.24%				
62) 4-Bromofluorobenzene	11.14	95	158990	45.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.92%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	4730	1.57	ug/l	#	65
5) Bromomethane	1.65	94	828	Below Cal			98
6) Chloroethane	1.90	64	1303	0.65	ug/l	#	52
10) Methyl Iodide	2.51	142	976	4.54	ug/l	#	94
11) Tert butyl alcohol	3.06	59	795	1.11	ug/l	#	72
13) Acrolein	2.30	56	343	1.21	ug/l		87
14) Allyl chloride	2.71	41	2829	0.56	ug/l	#	61
15) Acrylonitrile	3.14	53	410	0.24	ug/l	#	55
16) Acetone	2.44	43	36752	24.98	ug/l		92
17) Carbon Disulfide	2.57	76	22412	3.17	ug/l		96
20) Methylene Chloride	2.86	84	989	0.33	ug/l	#	73
25) 2-Butanone	4.70	43	10267	4.38	ug/l		91
29) Tetrahydrofuran	5.17	42	8045	5.70	ug/l		96
36) 1,1-Dichloropropene	5.67	75	14471	3.73	ug/l	#	49
37) Ethyl Acetate	4.70	43	10267	2.33	ug/l	#	67
38) Carbon Tetrachloride	5.66	117	19687	5.20	ug/l	#	16
40) Benzene	6.15	78	7839	0.68	ug/l		98
41) Methacrylonitrile	5.16	41	4793	1.97	ug/l	#	46
51) 4-Methyl-2-Pentanone	8.65	43	3423	0.83	ug/l		95
59) 2-Hexanone	9.51	43	748	0.24	ug/l		77
68) m/p-Xylenes	10.35	106	1399	0.30	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	75240	22.03	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	75240	70.23	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	1986	0.21	ug/l		94
86) p-Isopropyltoluene	12.07	119	5701	0.57	ug/l		89
93) 1,2,4-Trichlorobenzene	13.65	180	984	0.24	ug/l		92
94) Hexachlorobutadiene	13.78	225	525	0.24	ug/l		98
95) Naphthalene	13.83	128	13177	1.14	ug/l		98

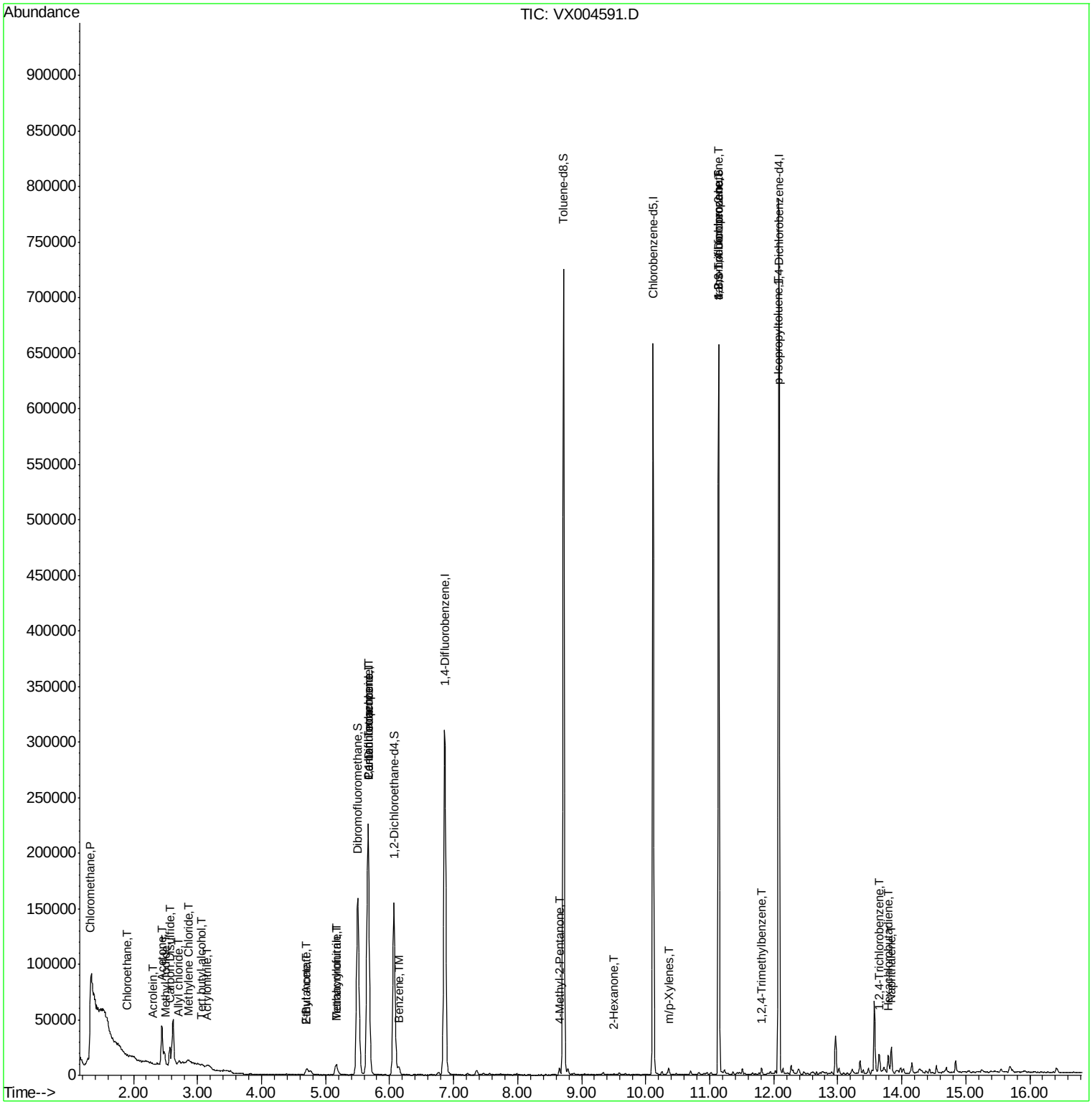
(#) = qualifier out of range (m) = manual integration (+) = signals summed

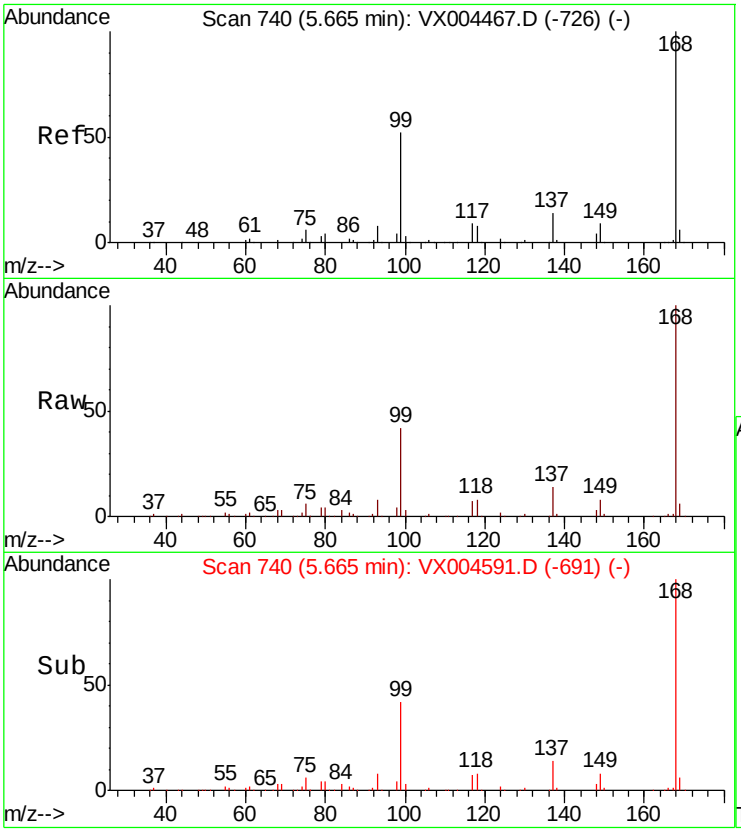
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091518\
Data File : VX004591.D
Acq On : 15 Sep 2018 18:14
Operator : JC/MD
Sample : J4922-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Time: Sep 17 08:39:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



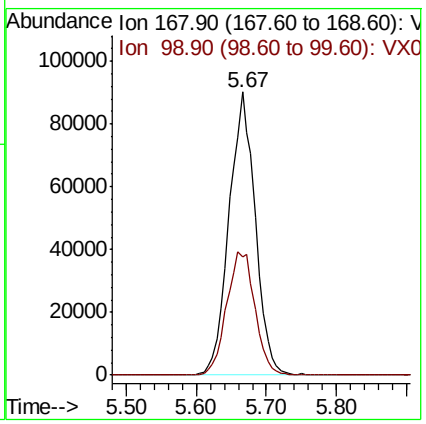


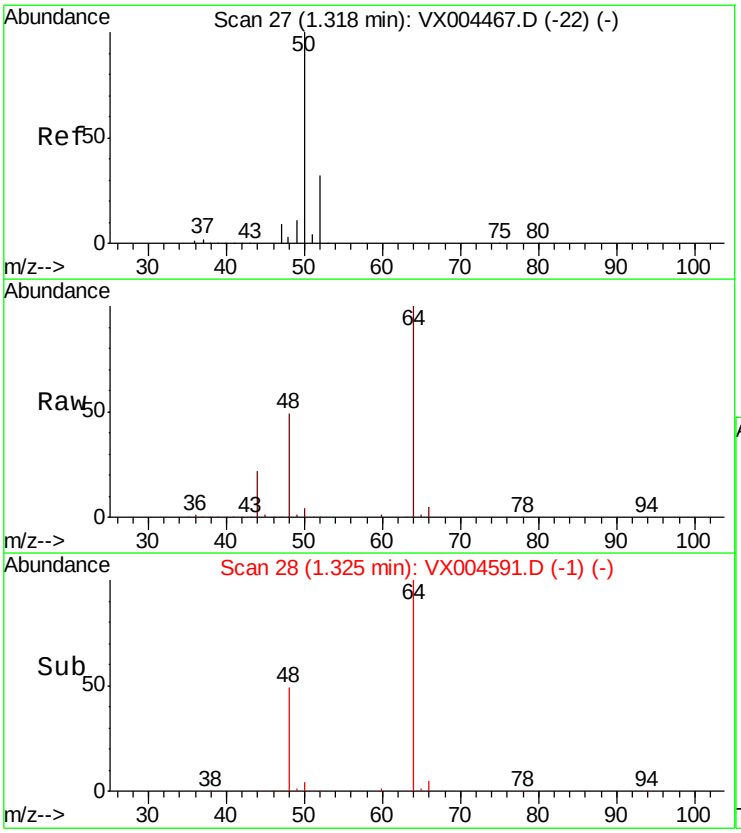
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:168 Resp: 233817

Ion	Ratio	Lower	Upper
168	100		
99	41.8	39.9	59.9

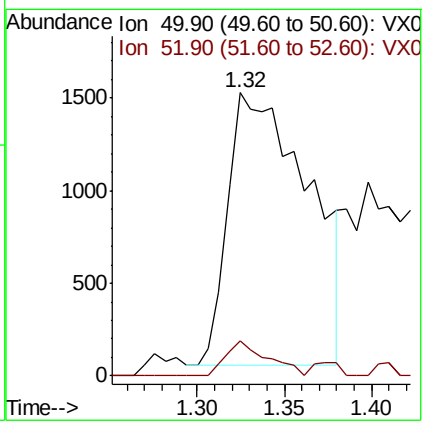


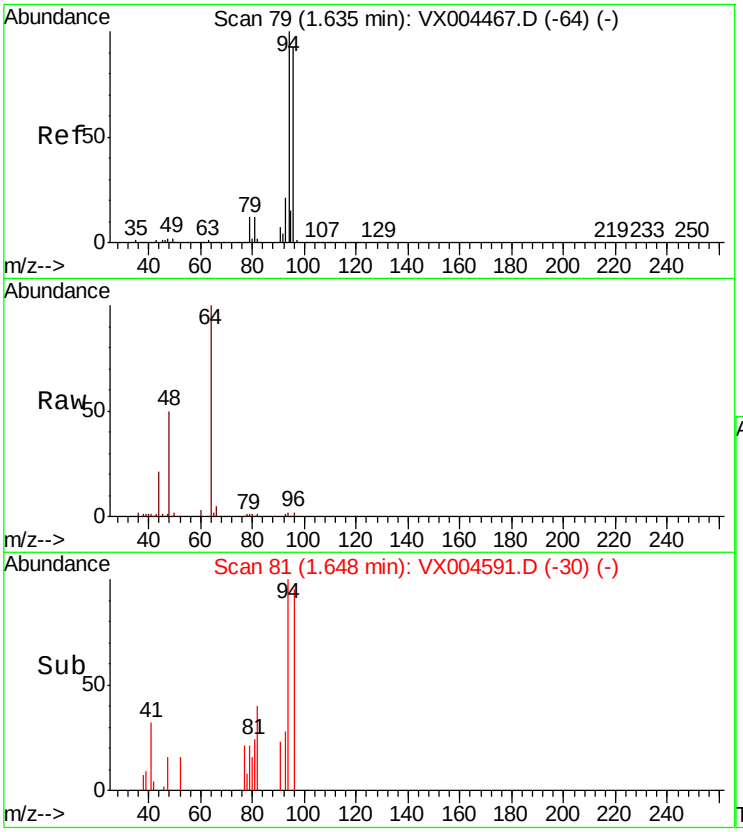


#3
Chloromethane
Concen: 1.57 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 50 Resp: 4730

Ion	Ratio	Lower	Upper
50	100		
52	13.0	26.2	39.2#



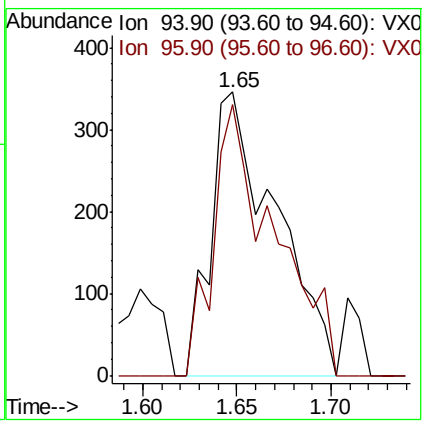


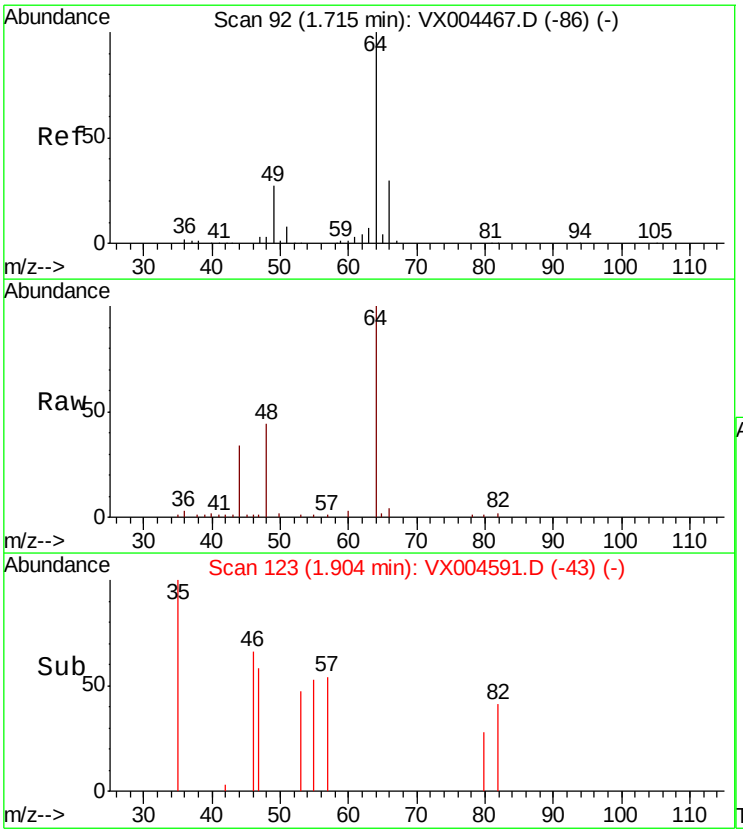
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 94 Resp: 828

Ion	Ratio	Lower	Upper
94	100		
96	95.4	74.5	111.7

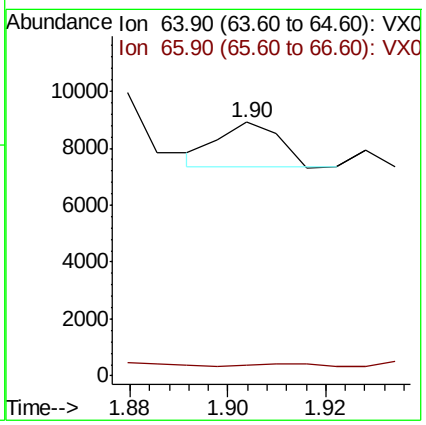


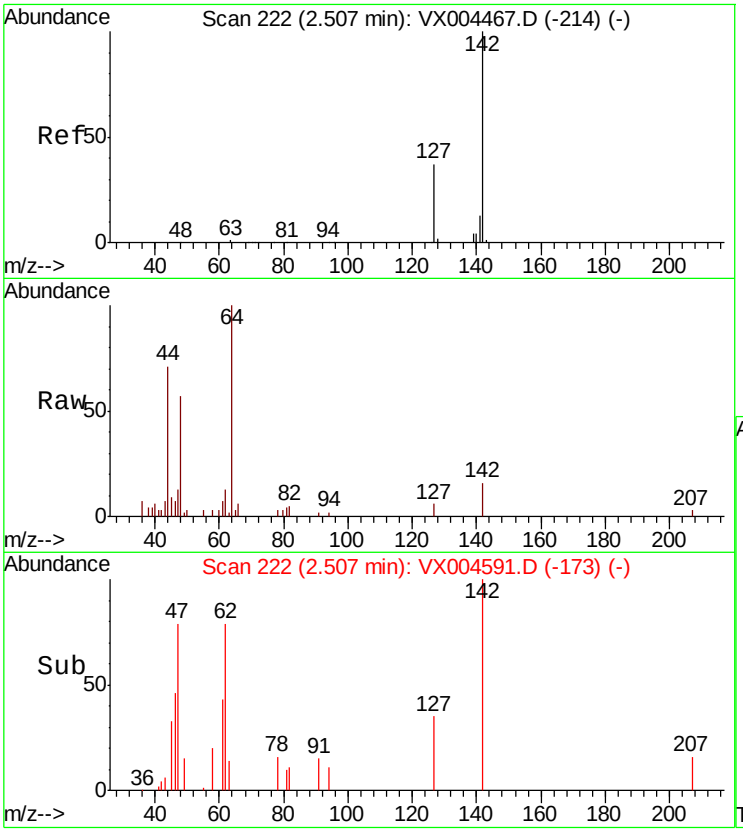


#6
Chloroethane
Concen: 0.65 ug/l
RT: 1.90 min Scan# 123
Delta R.T. 0.19 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 64 Resp: 1303

Ion	Ratio	Lower	Upper
64	100		
66	4.4	24.6	36.8#



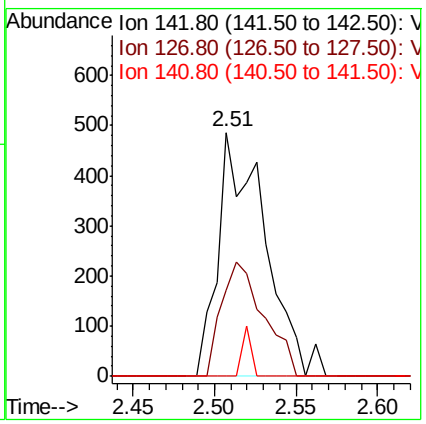


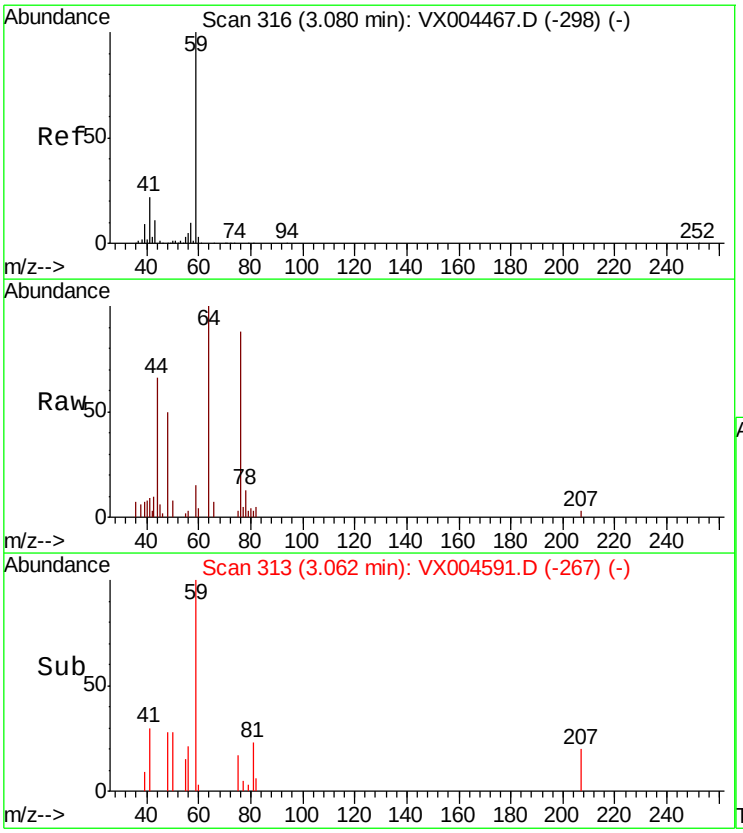
#10
Methyl Iodide
Concen: 4.54 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument : MSVOA_X
ClientSampleId : MW-5

Tgt Ion:142 Resp: 976

Ion	Ratio	Lower	Upper
142	100		
127	42.2	33.8	50.6
141	3.8	11.4	17.0#

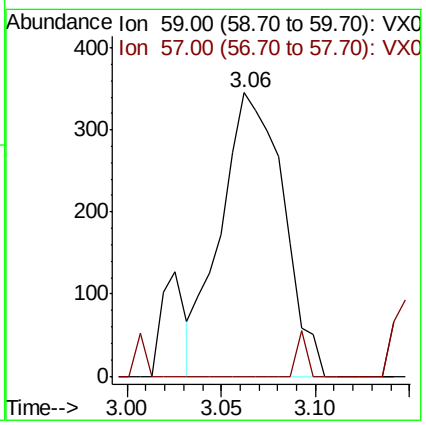


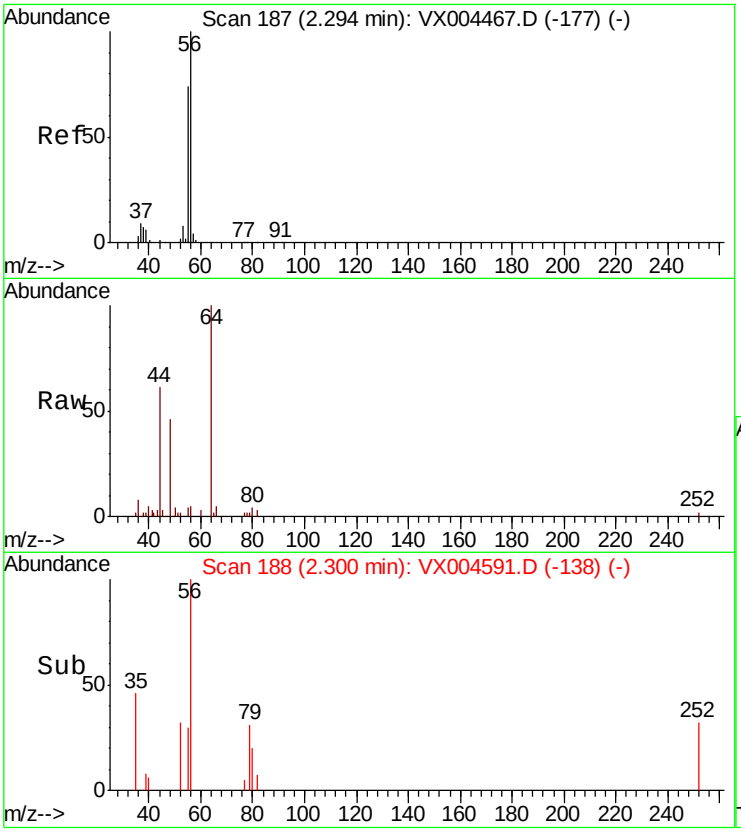


#11
Tert butyl alcohol
Concen: 1.11 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 59 Resp: 795

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



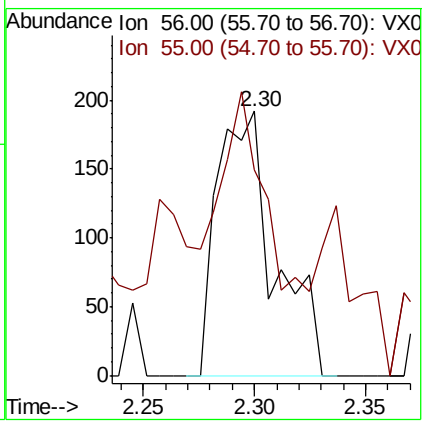


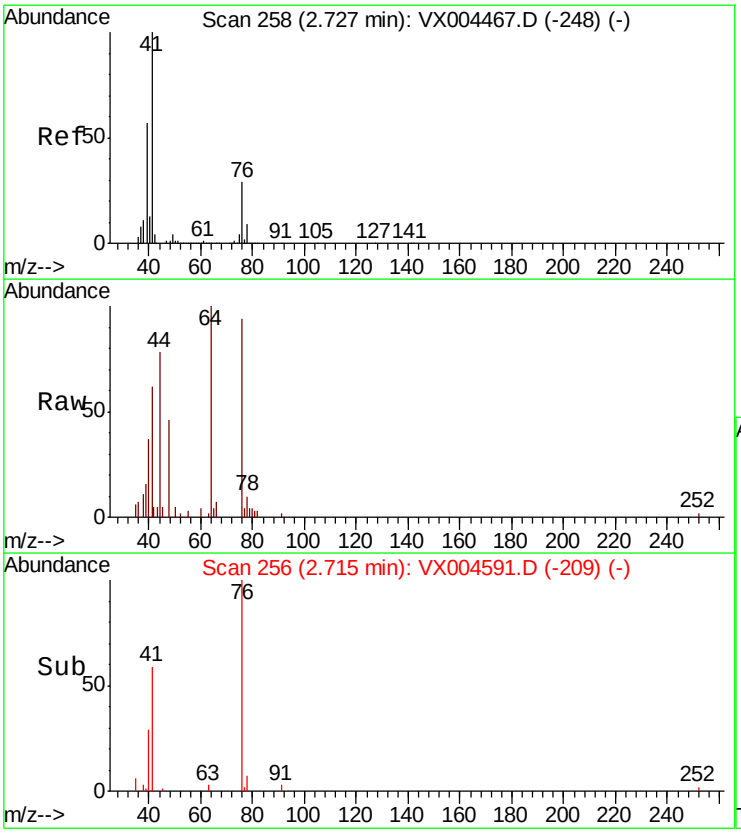
#13
Acrolein
Concen: 1.21 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument : MSVOA_X
ClientSampleId : MW-5

Tgt Ion: 56 Resp: 343

Ion	Ratio	Lower	Upper
56	100		
55	79.0	54.7	82.1

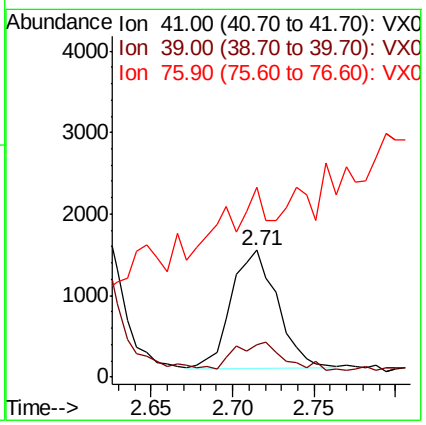


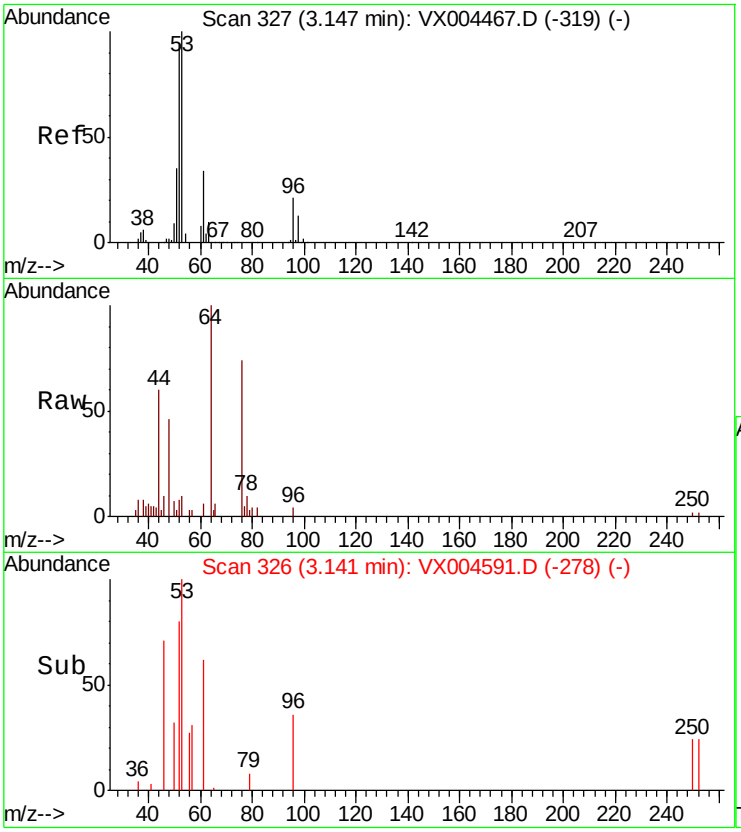


#14
Allyl chloride
Concen: 0.56 ug/l
RT: 2.71 min Scan# 256
Delta R.T. -0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 41 Resp: 2829

Ion	Ratio	Lower	Upper
41	100		
39	24.3	48.9	73.3#
76	45.8	26.7	40.1#



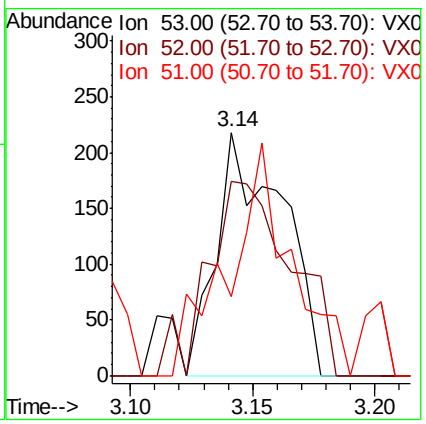


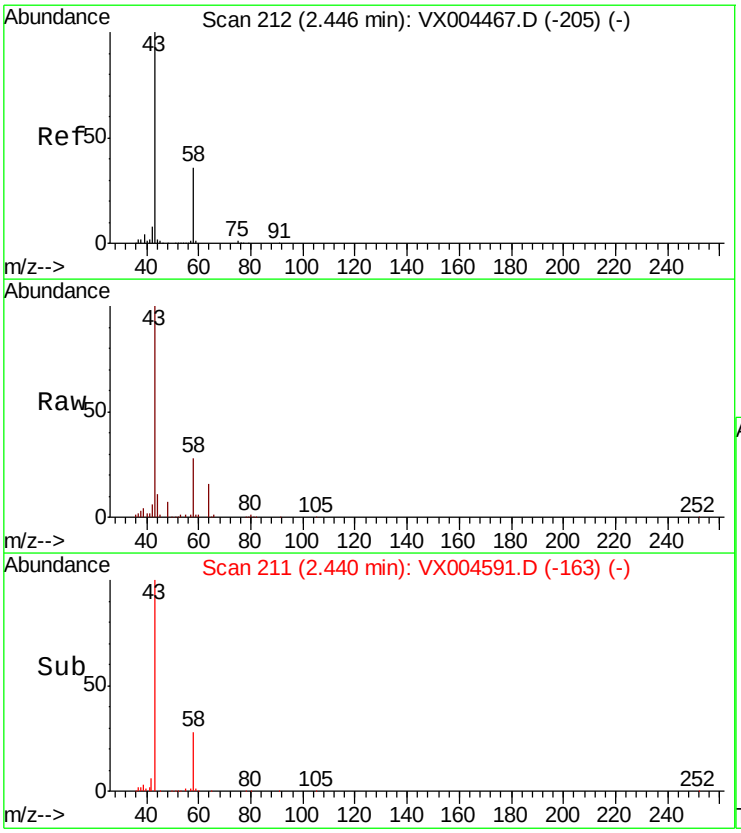
#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 53 Resp: 410

Ion	Ratio	Lower	Upper
53	100		
52	101.7	65.2	97.8#
51	91.5	28.2	42.2#

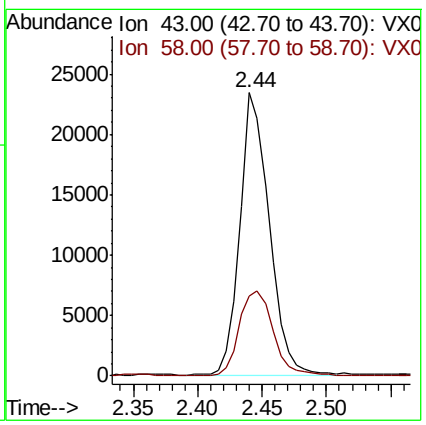


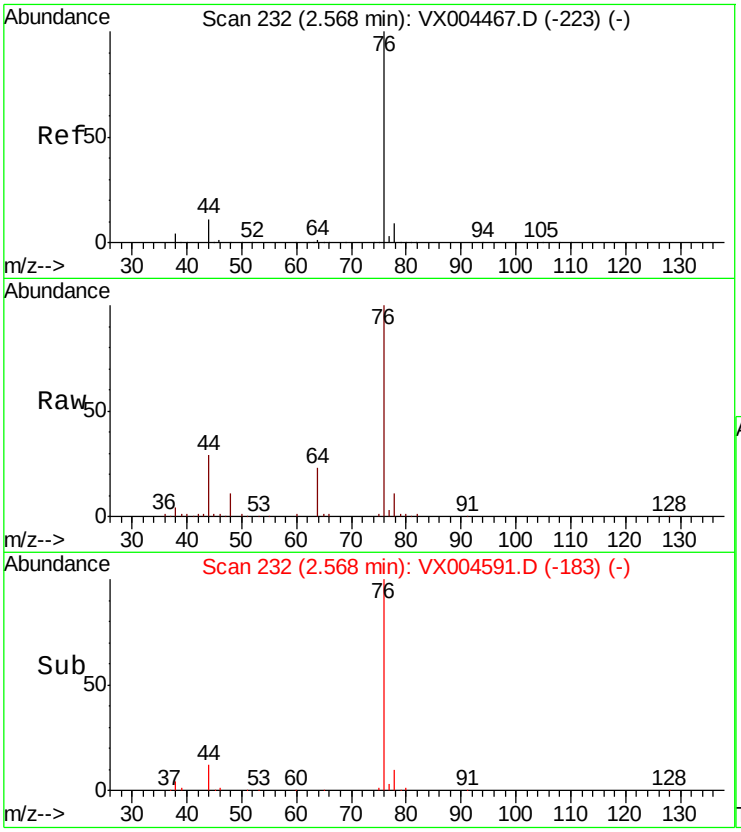


#16
Acetone
Concen: 24.98 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 43 Resp: 36752

Ion	Ratio	Lower	Upper
43	100		
58	28.2	26.2	39.4



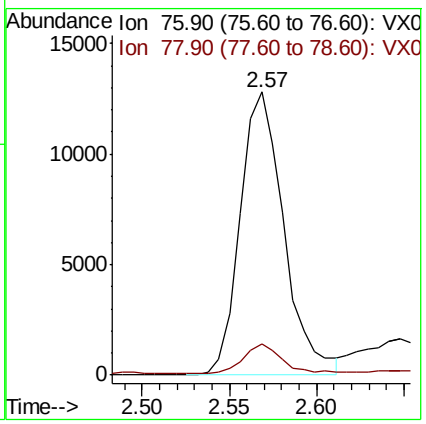


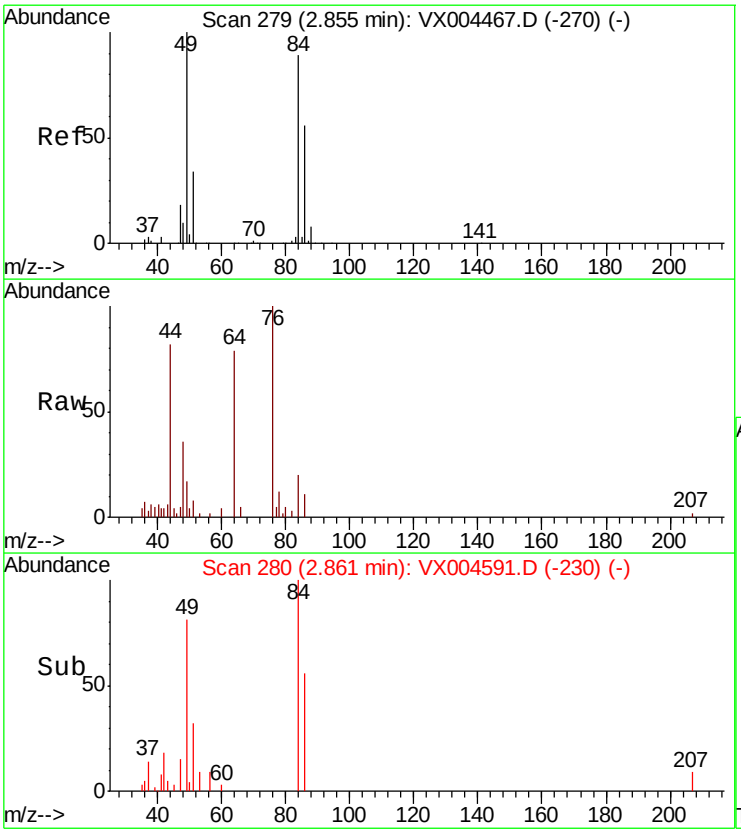
#17
Carbon Disulfide
Concen: 3.17 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 76 Resp: 22412

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.0	10.6

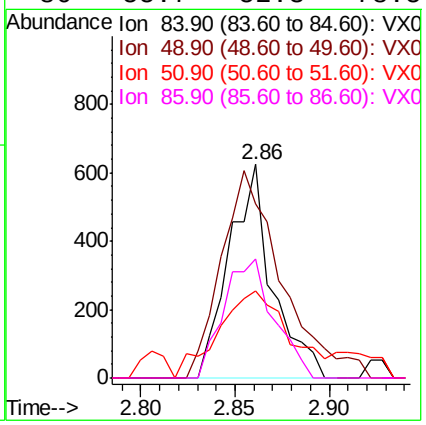


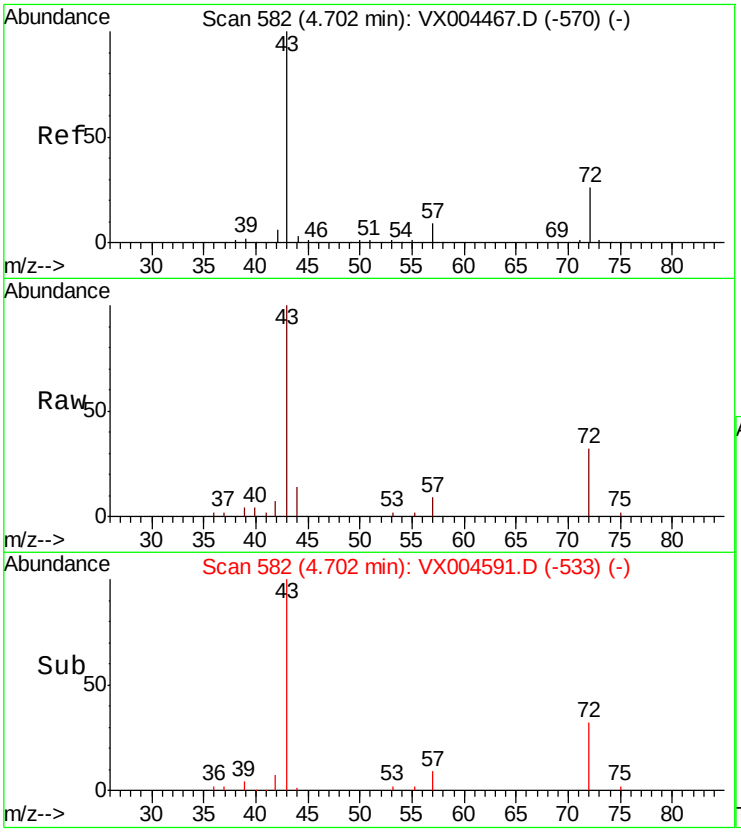


#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 84 Resp: 989

Ion	Ratio	Lower	Upper
84	100		
49	81.4	101.2	151.8#
51	29.0	29.5	44.3#
86	55.7	52.3	78.5



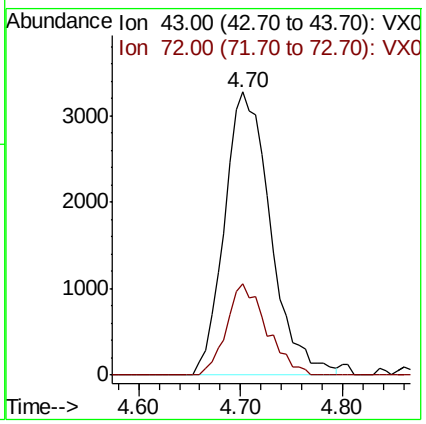


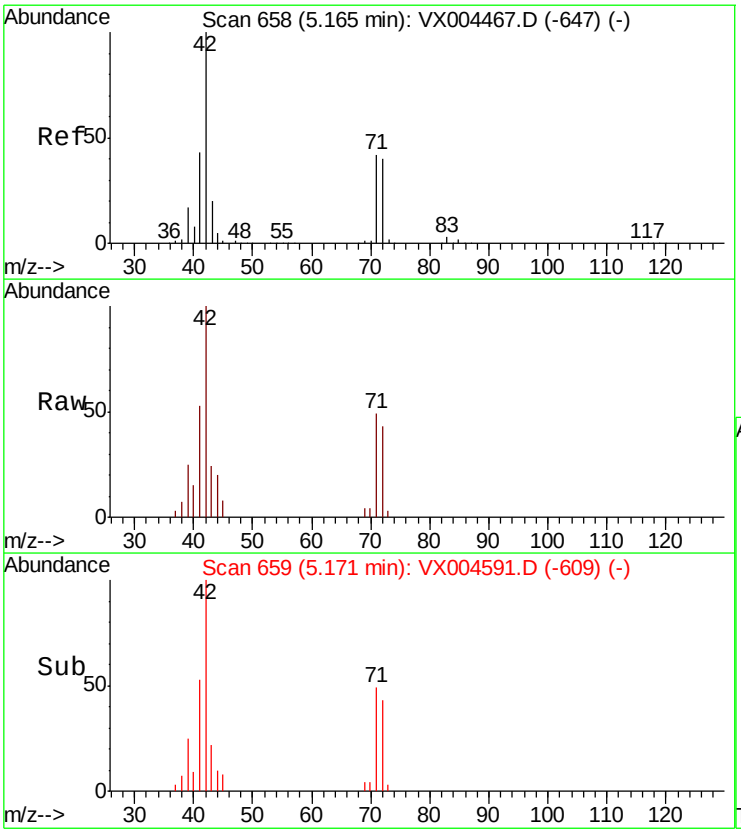
#25
2-Butanone
Concen: 4.38 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 43 Resp: 10267

Ion	Ratio	Lower	Upper
43	100		
72	32.2	22.0	33.0

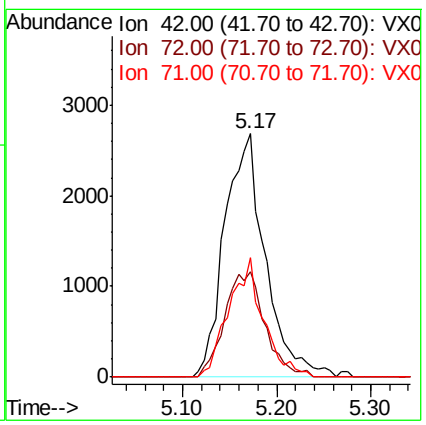


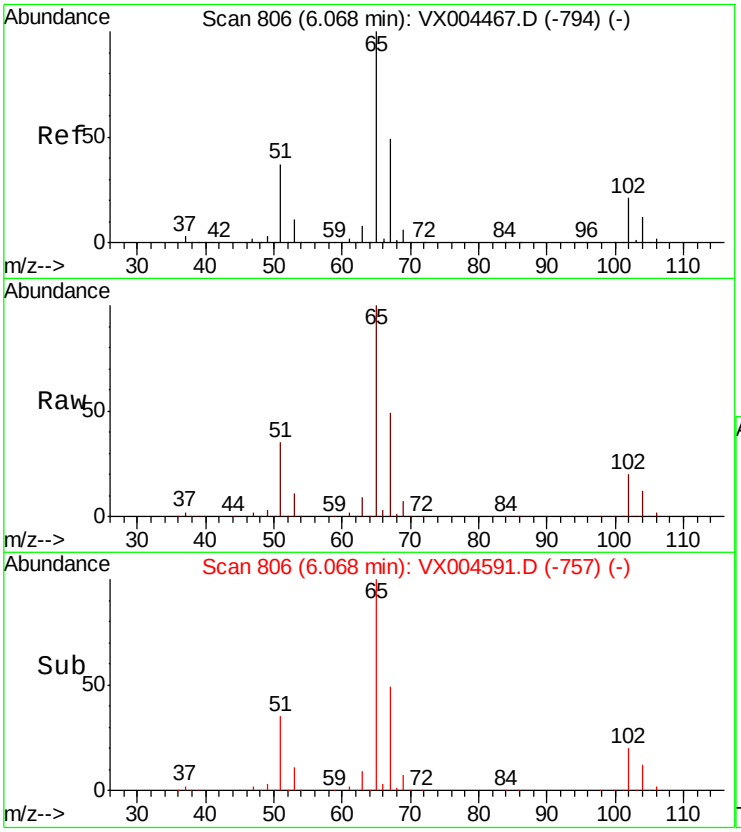


#29
Tetrahydrofuran
Concen: 5.70 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 42 Resp: 8045

Ion	Ratio	Lower	Upper
42	100		
72	42.9	37.4	56.0
71	41.8	34.5	51.7



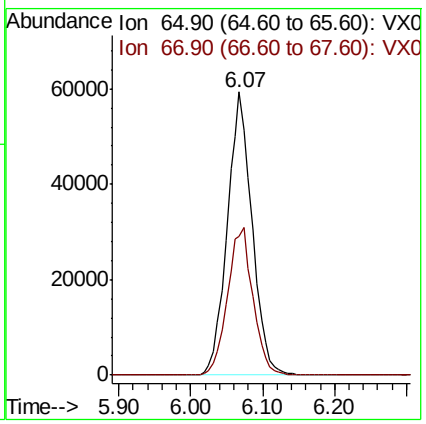


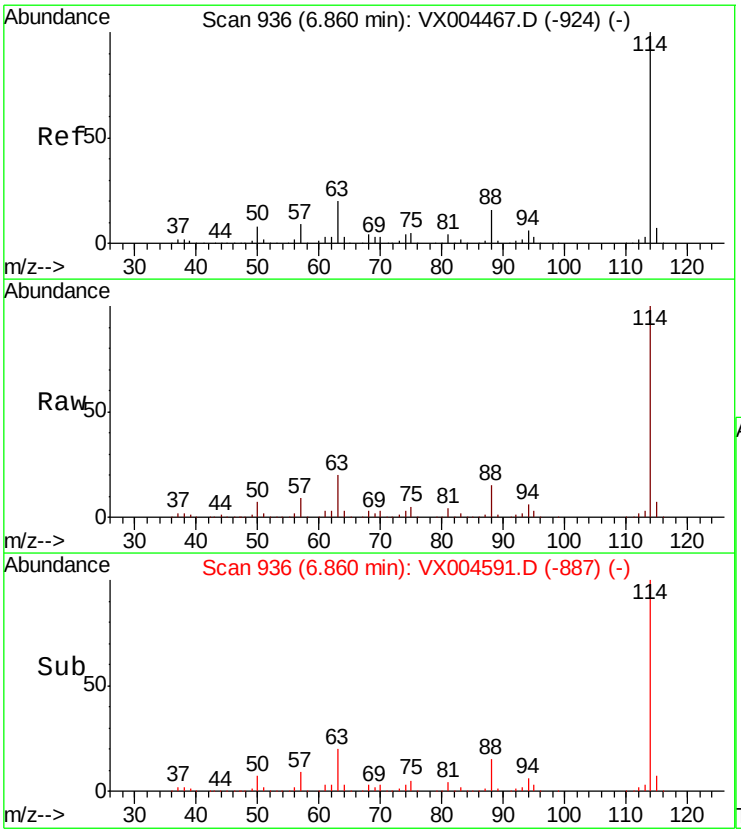
#33
1,2-Dichloroethane-d4
Concen: 46.93 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 65 Resp: 141491

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8

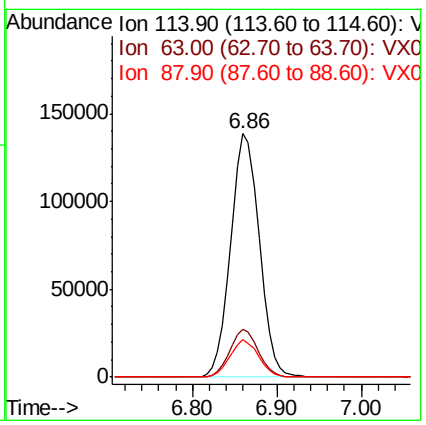


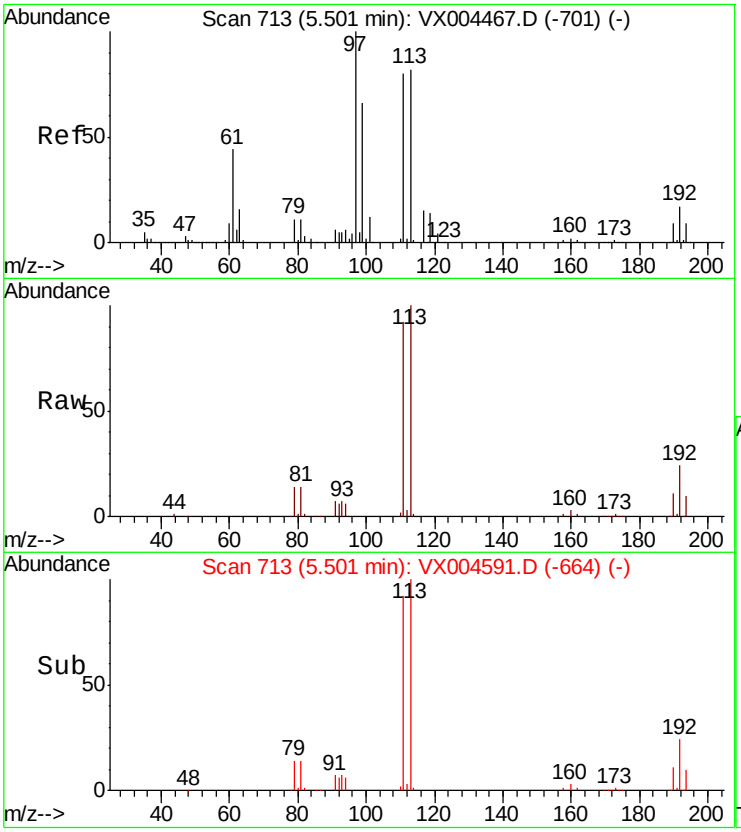


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion:114 Resp: 319252

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.2	0.0	30.4



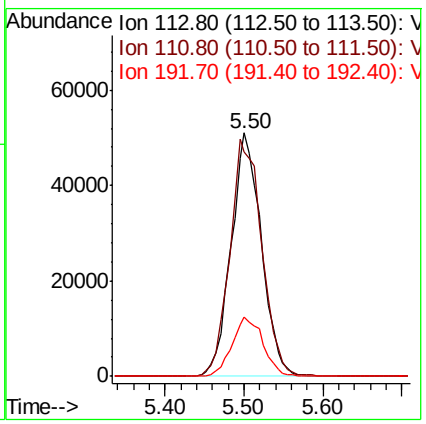


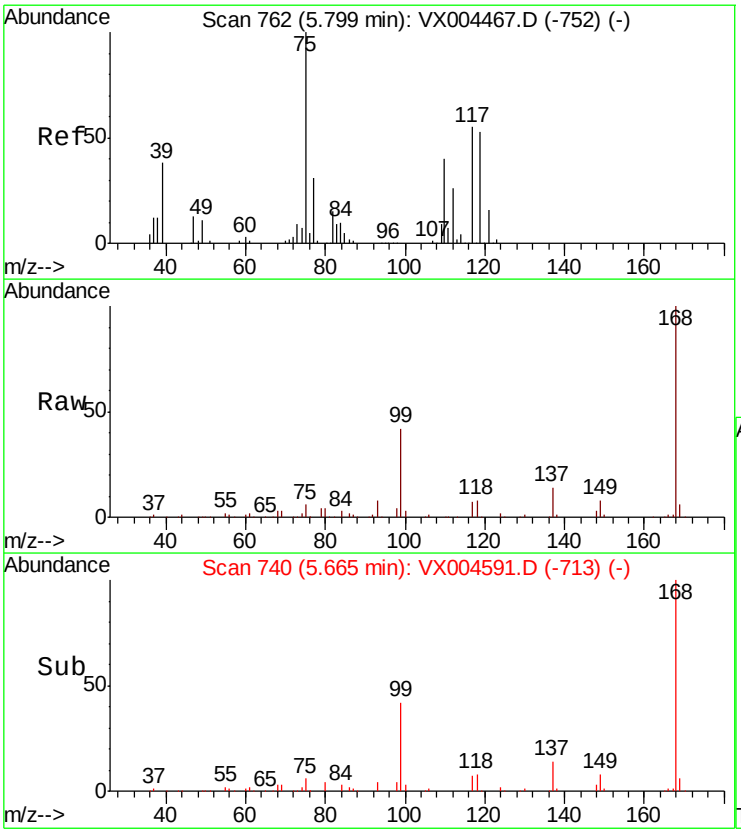
#35
Dibromofluoromethane
Concen: 46.63 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:113 Resp: 136229

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	24.8	19.4	29.2

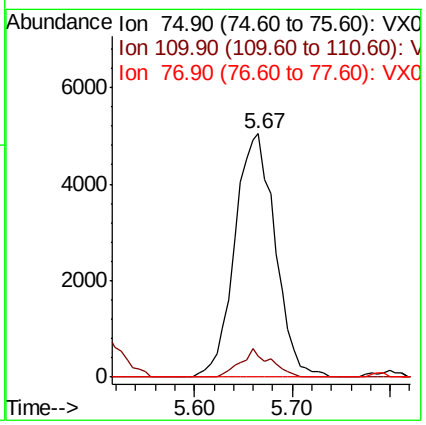


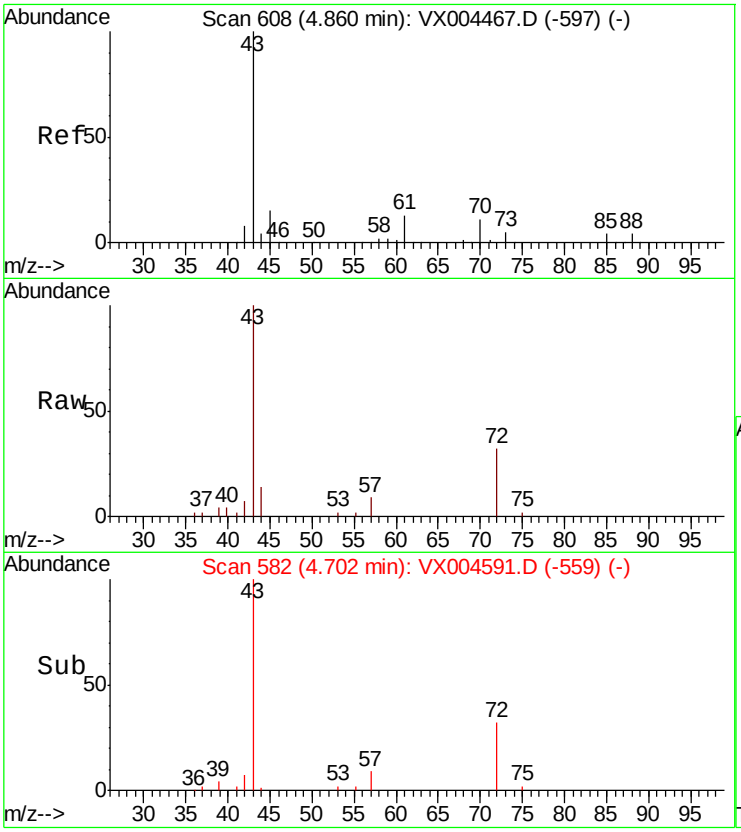


#36
1,1-Dichloropropene
Concen: 3.73 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 75 Resp: 14471

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.0	54.0#
77	0.0	24.6	36.8#



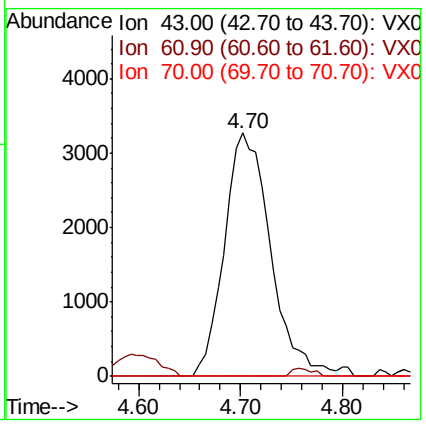


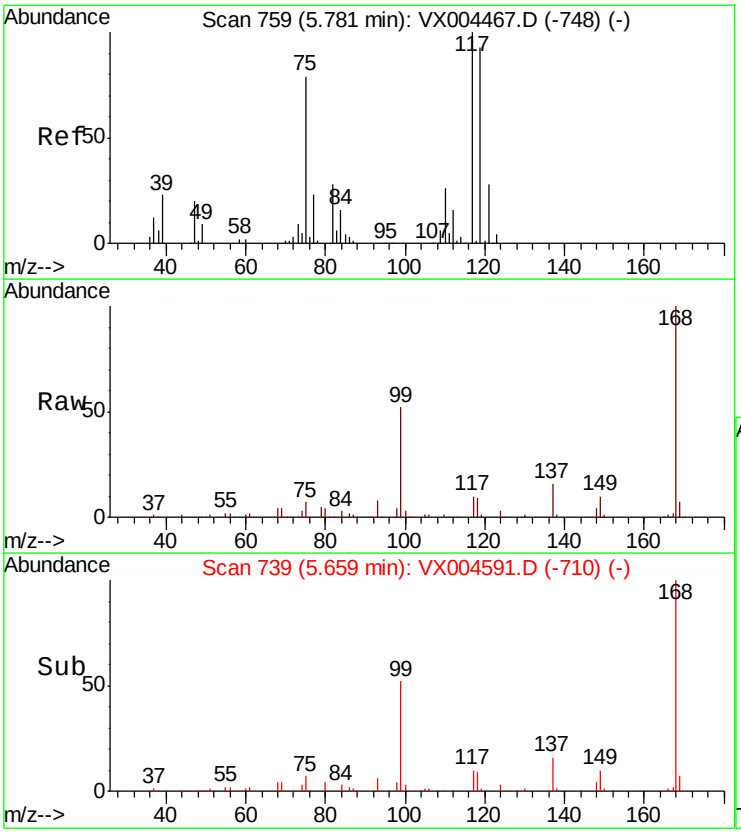
#37
Ethyl Acetate
Concen: 2.33 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 43 Resp: 10267

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.0	13.6#

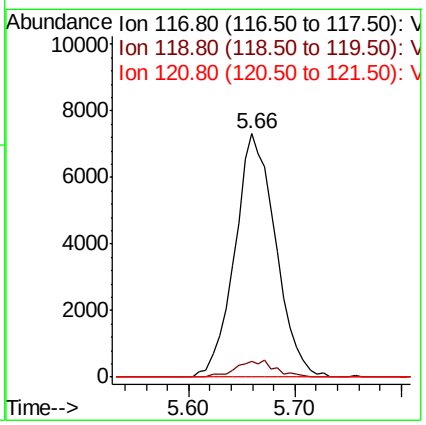


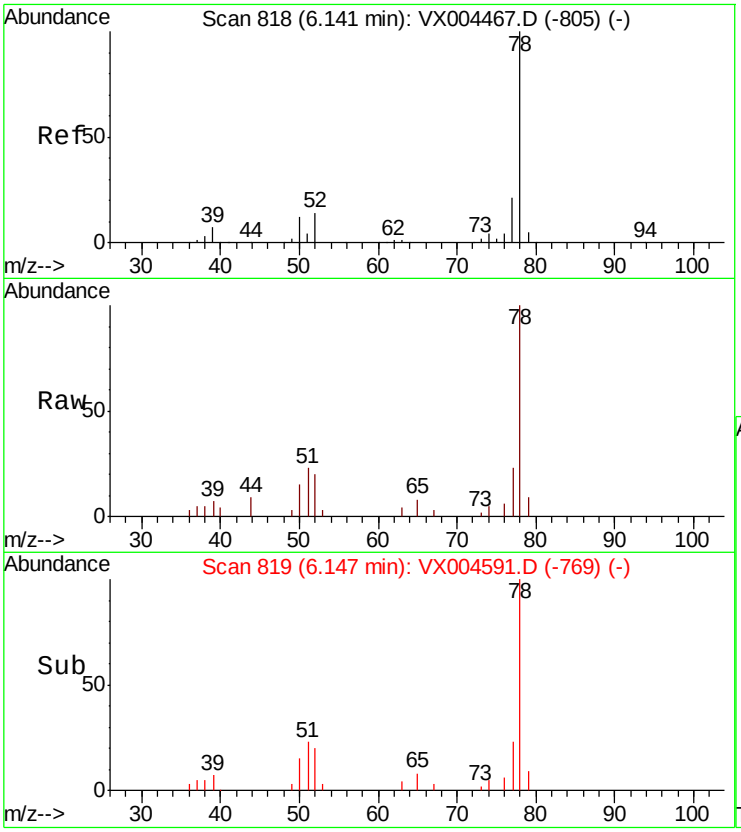


#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion:117 Resp: 19687

Ion	Ratio	Lower	Upper
117	100		
119	6.6	78.8	118.2#
121	0.0	24.9	37.3#



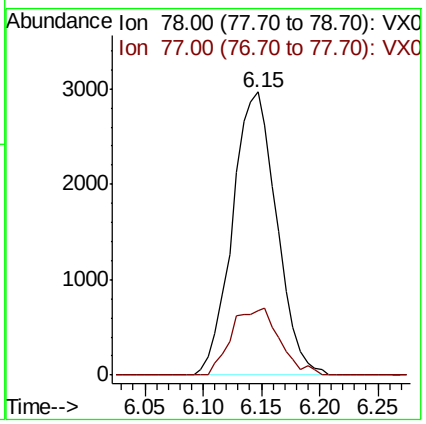


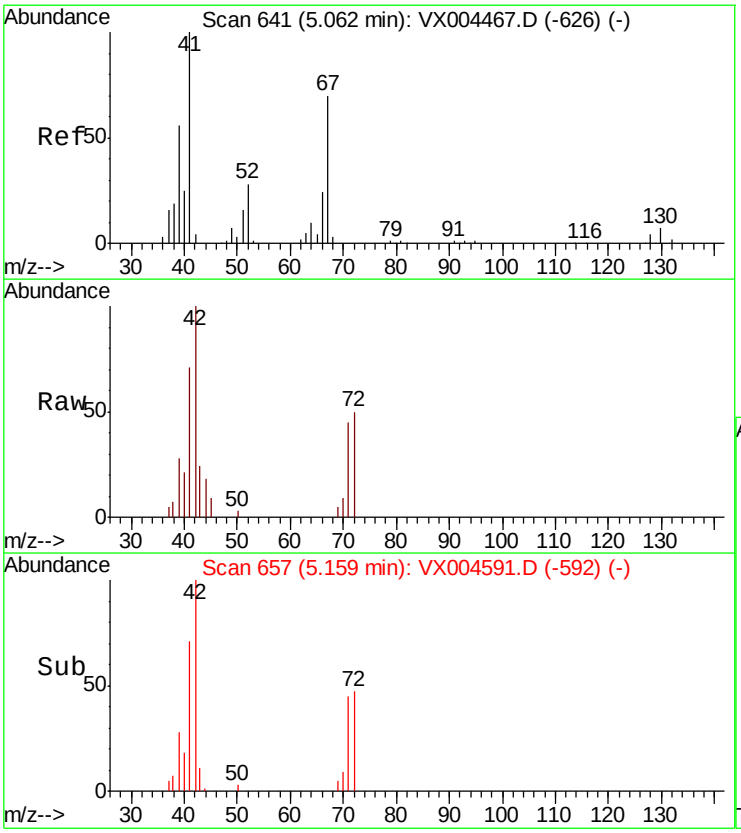
#40
Benzene
Concen: 0.68 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 78 Resp: 7839

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4

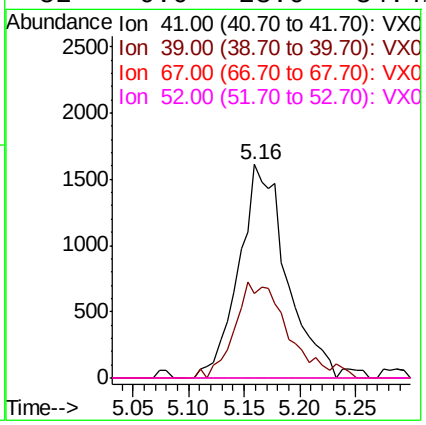


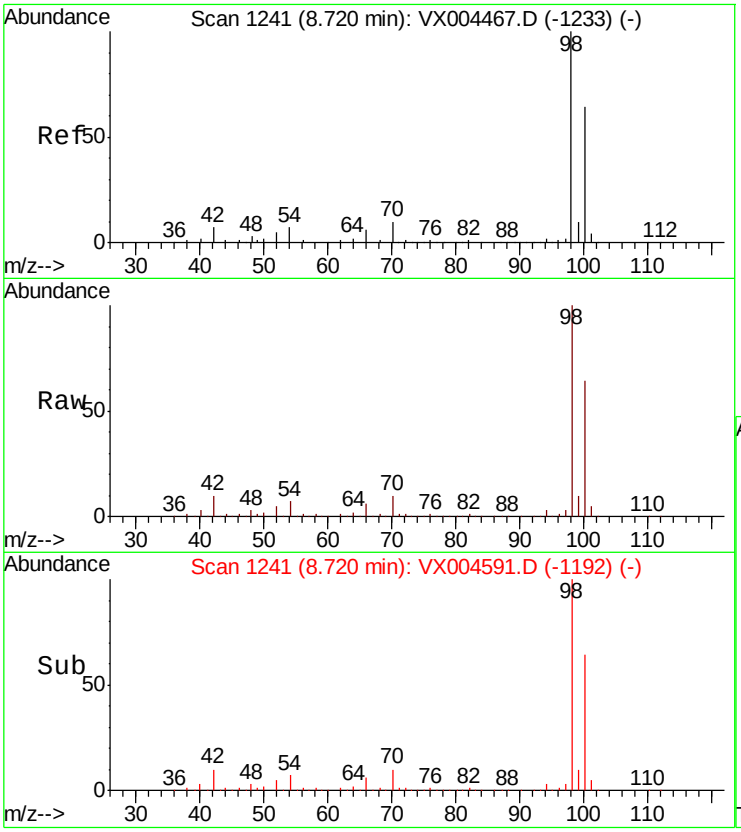


#41
Methacrylonitrile
Concen: 1.97 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.10 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 41 Resp: 4793

Ion	Ratio	Lower	Upper
41	100		
39	48.7	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



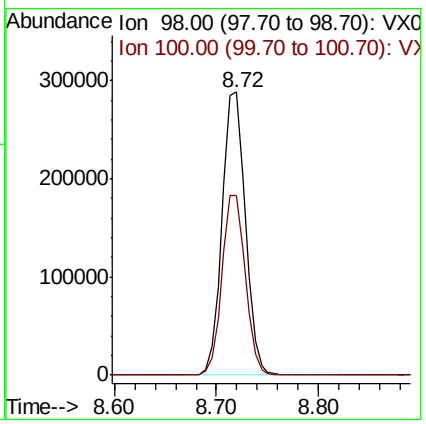


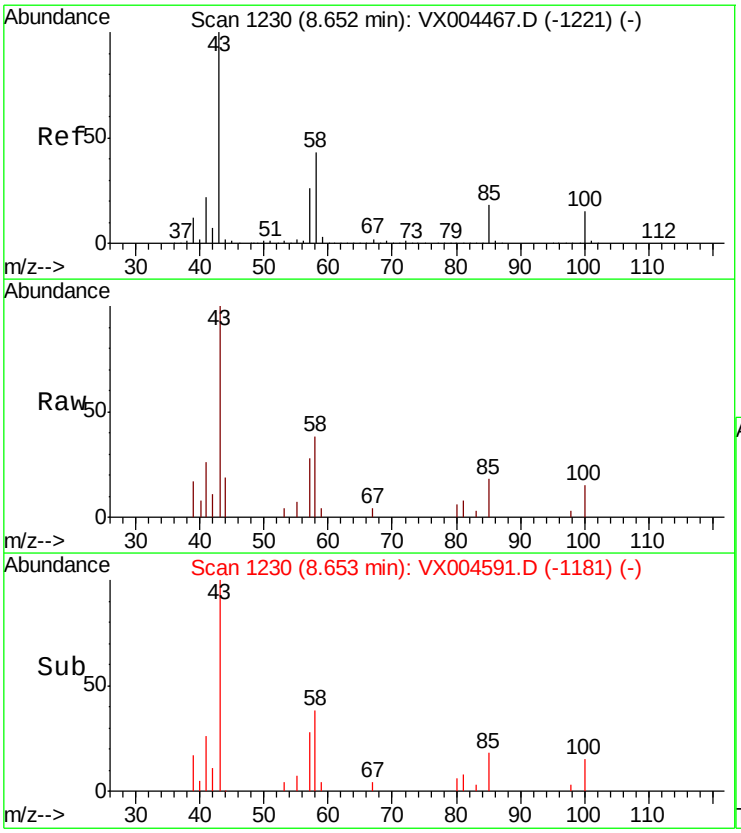
#50
Toluene-d8
Concen: 46.62 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 98 Resp: 456705

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.9	79.3

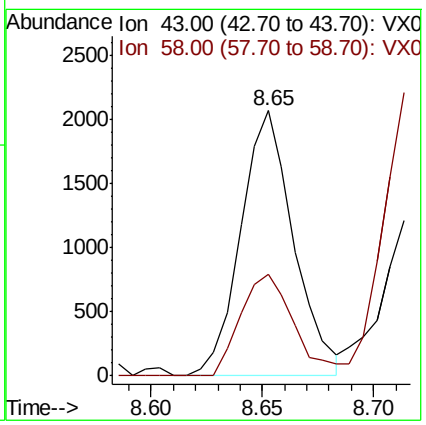


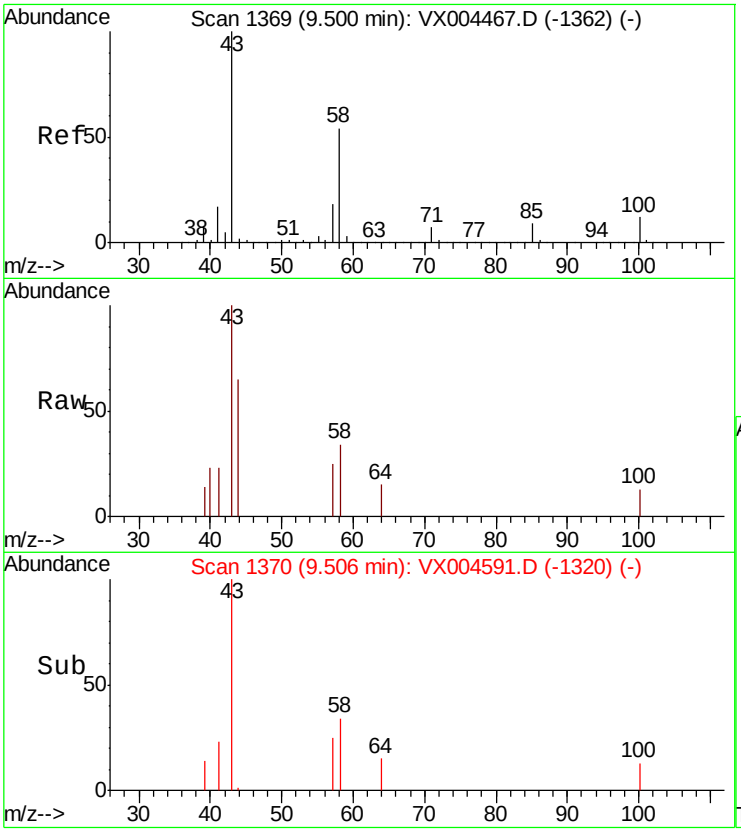


#51
4-Methyl-2-Pentanone
Concen: 0.83 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 43 Resp: 3423

Ion	Ratio	Lower	Upper
43	100		
58	38.5	33.1	49.7



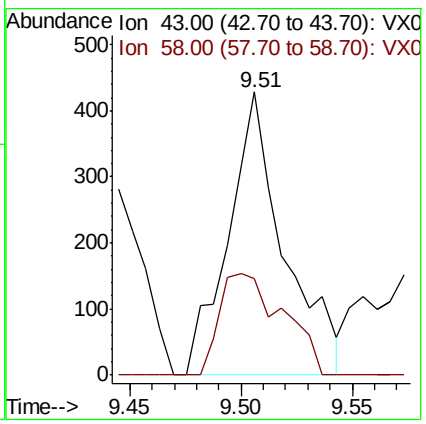


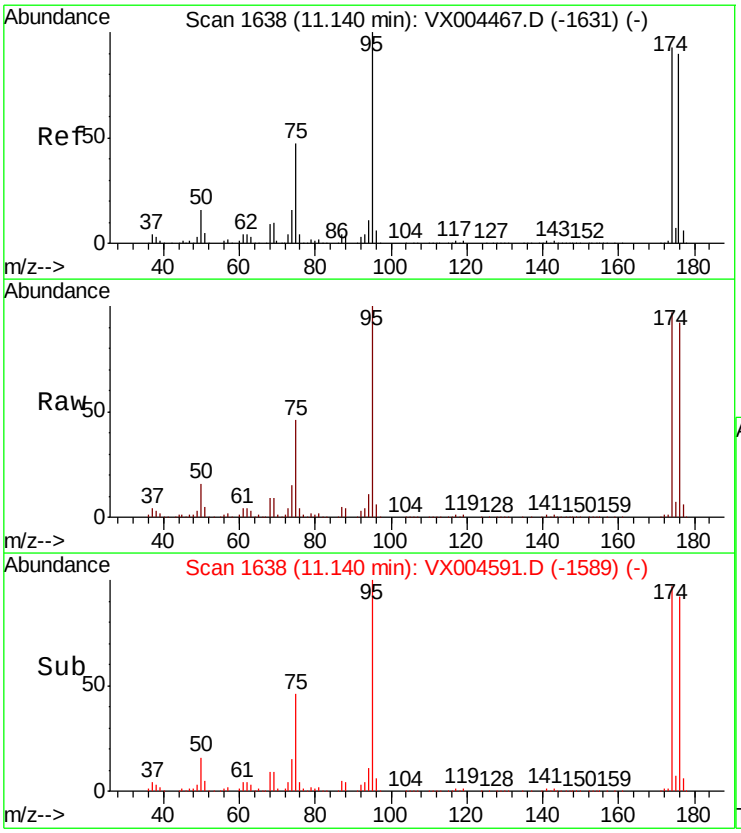
#59
2-Hexanone
Concen: 0.24 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 43 Resp: 748

Ion	Ratio	Lower	Upper
43	100		
58	40.6	29.0	87.0

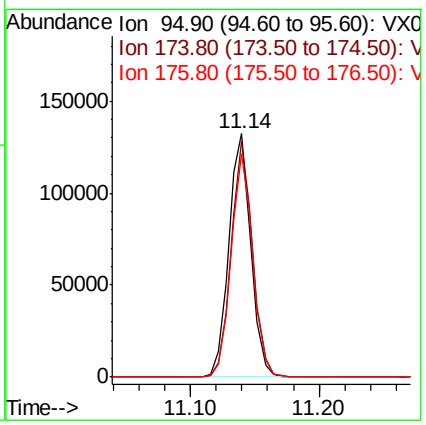


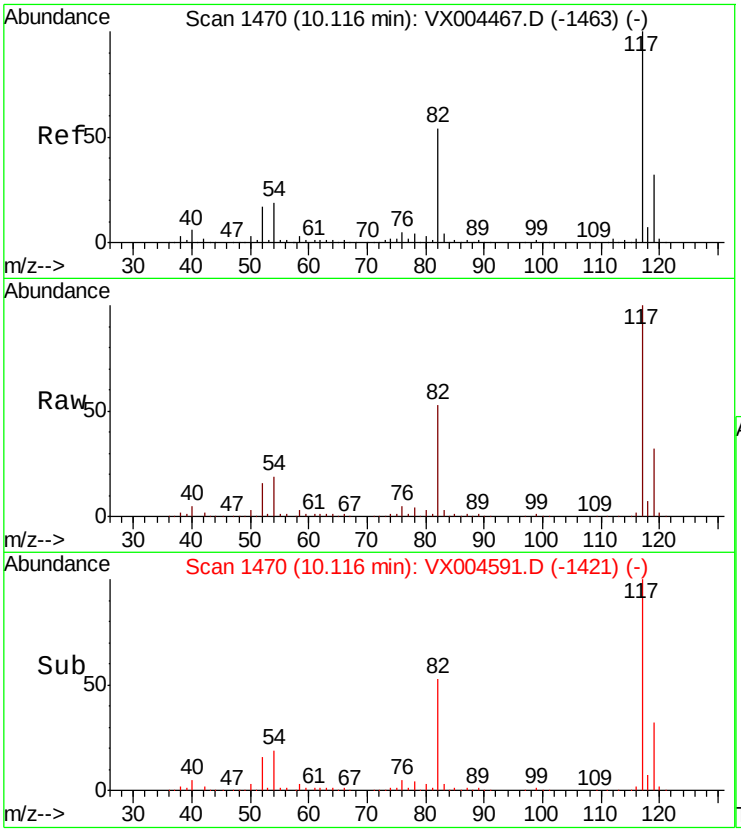


#62
4-Bromofluorobenzene
Concen: 45.46 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 95 Resp: 158990

Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	185.2
176	89.9	0.0	178.6



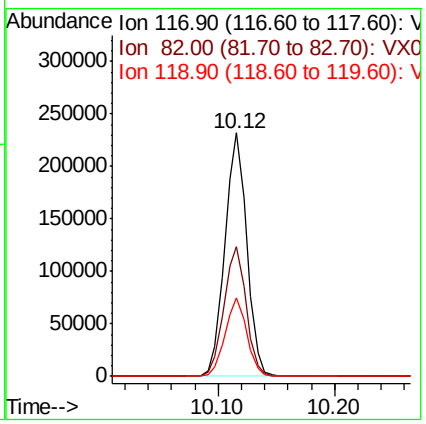


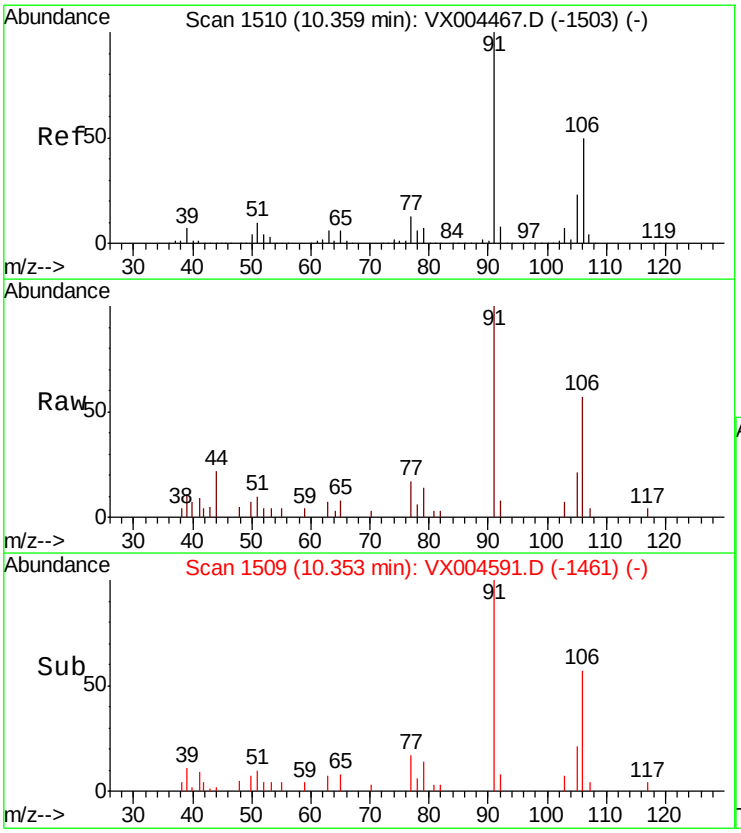
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument : MSVOA_X
ClientSampleId : MW-5

Tgt Ion:117 Resp: 302871

Ion	Ratio	Lower	Upper
117	100		
82	53.5	47.8	71.6
119	32.2	29.3	43.9

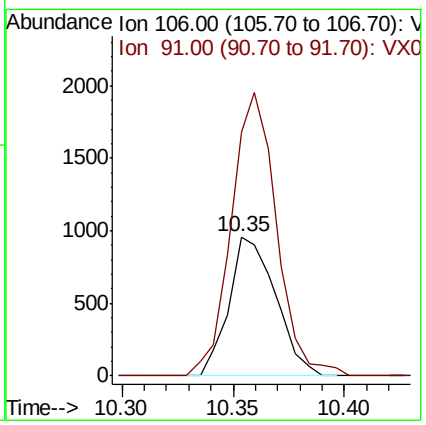


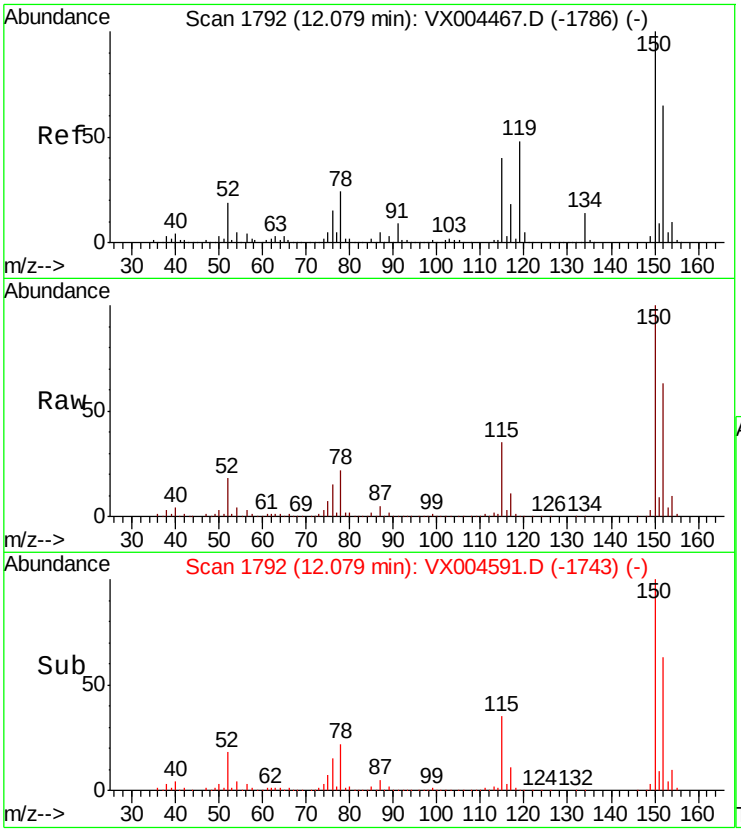


#68
m/p-Xylenes
Concen: 0.30 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion:106 Resp: 1399

Ion	Ratio	Lower	Upper
106	100		
91	197.9	157.1	235.7



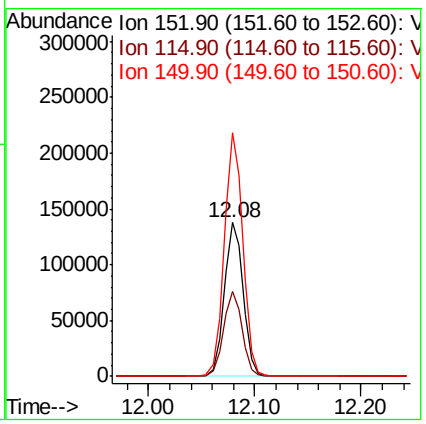


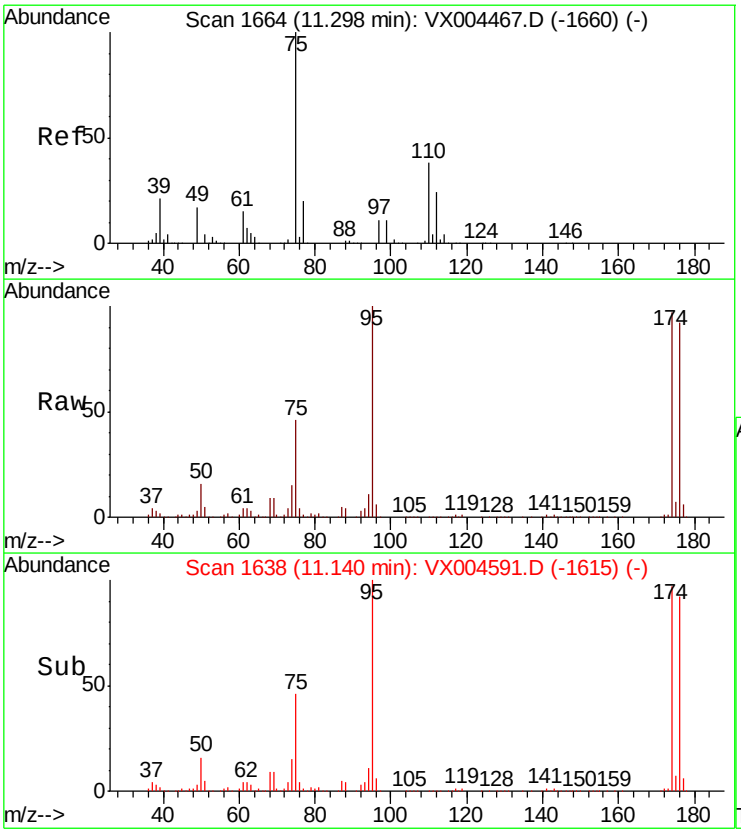
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 169724

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.0	117.0
150	156.7	0.0	351.0

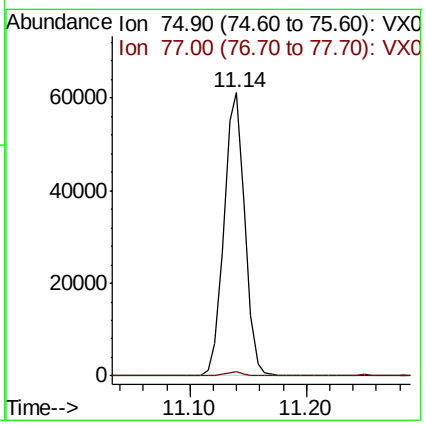


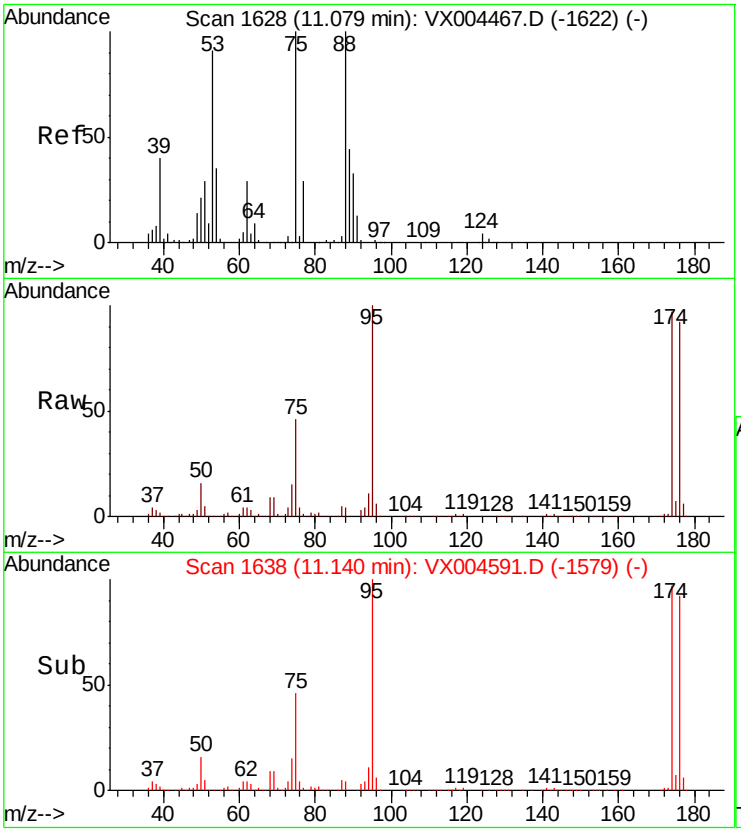


#76
1,2,3-Trichloropropane
Concen: 22.03 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 75 Resp: 75240

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



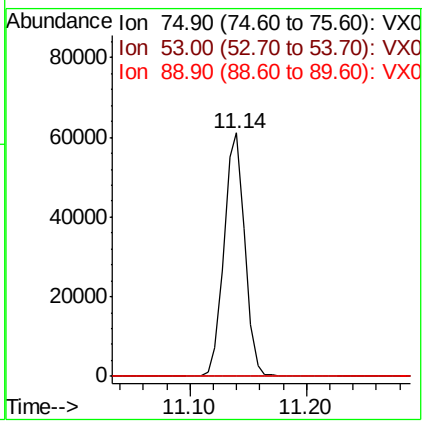


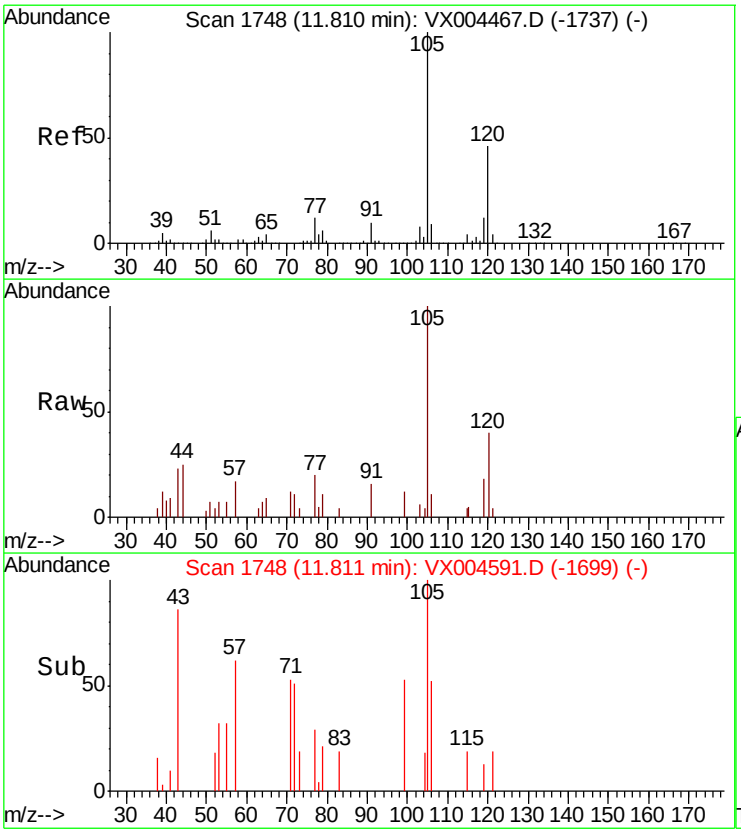
#81
trans-1,4-Dichloro-2-butene
Concen: 70.23 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 75 Resp: 75240

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#

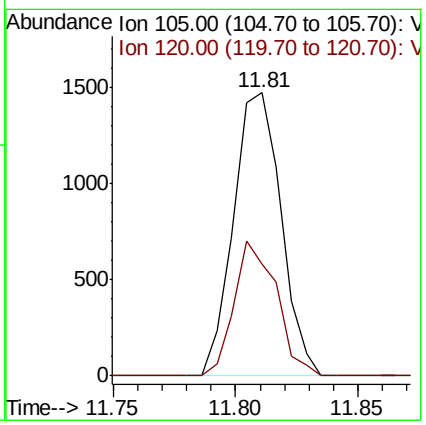


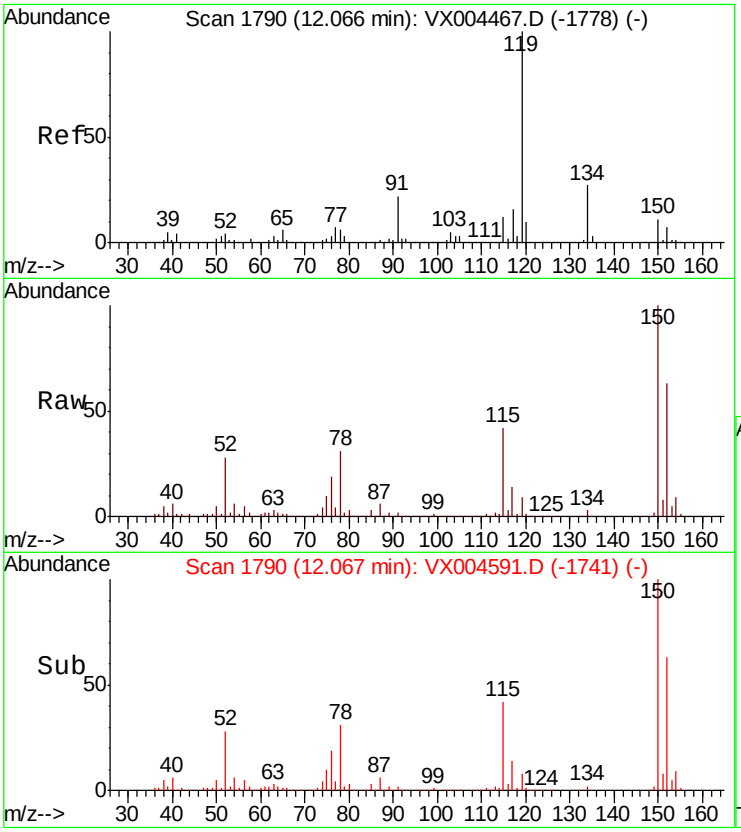


#84
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion:105 Resp: 1986

Ion	Ratio	Lower	Upper
105	100		
120	42.5	23.2	69.6



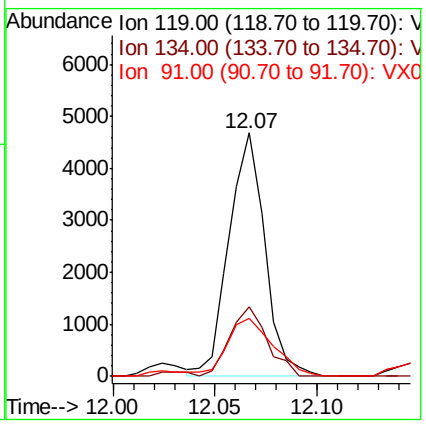


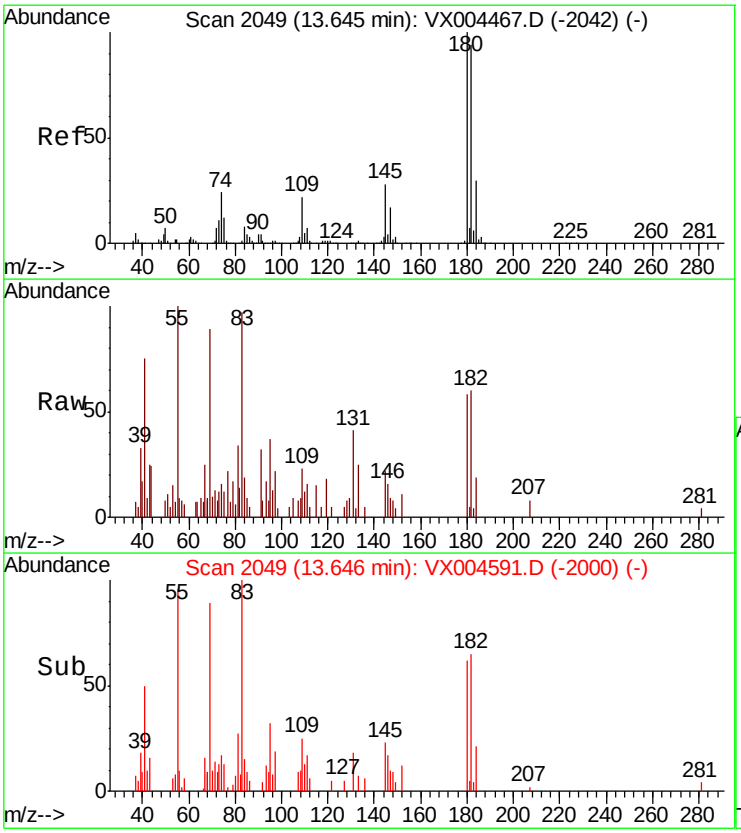
#86
p-Isopropyltoluene
Concen: 0.57 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:119 Resp: 5701

Ion	Ratio	Lower	Upper
119	100		
134	29.7	13.4	40.2
91	30.7	10.9	32.7

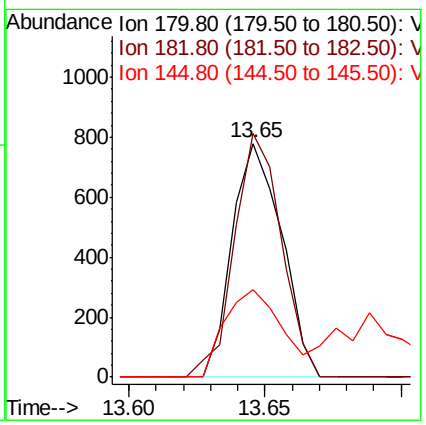


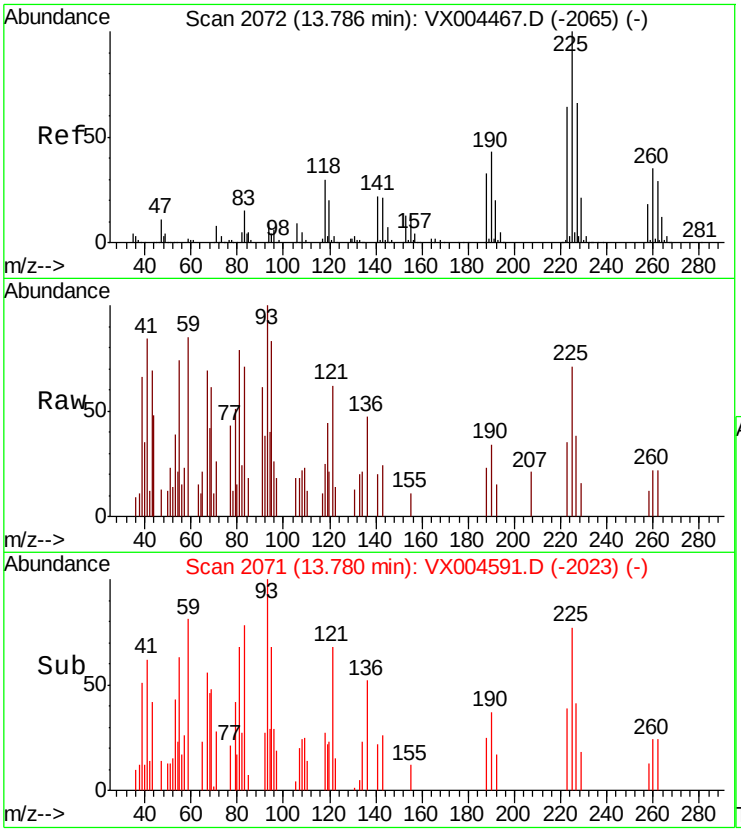


#93
1,2,4-Trichlorobenzene
Concen: 0.24 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion:180 Resp: 984

Ion	Ratio	Lower	Upper
180	100		
182	99.0	48.4	145.0
145	42.9	14.3	42.9



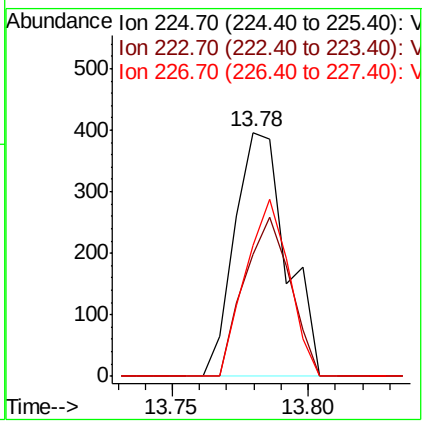


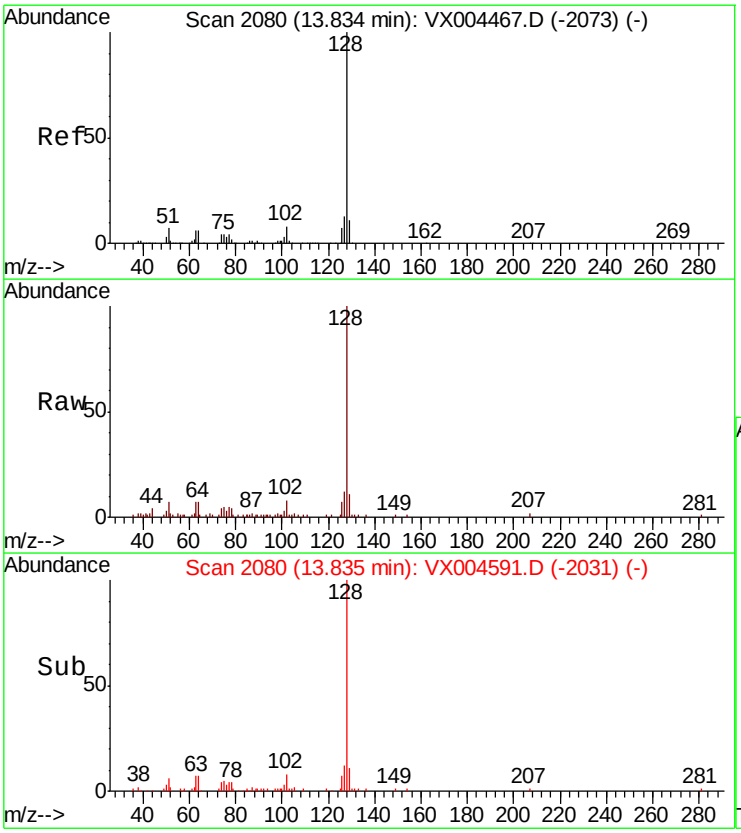
#94
Hexachlorobutadiene
Concen: 0.24 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:225 Resp: 525

Ion	Ratio	Lower	Upper
225	100		
223	57.9	30.1	90.5
227	60.6	30.8	92.4





#95
Naphthalene
Concen: 1.14 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion:128 Resp: 13177

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	11.8	8.6	12.8