Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080918\
Data File : VX003960.D
Acq On : 09 Aug 2018 19:30
Operator : JC/MD
Sample : J4379-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103S

Quant Time: Aug 10 01:06:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	307944	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	484989	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	463856	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247858	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	214980	52.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.32%				
35) Dibromofluoromethane	5.51	113	184158	50.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.24%				
50) Toluene-d8	8.72	98	688564	48.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.38%				
62) 4-Bromofluorobenzene	11.14	95	245160	53.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.06%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	925	0.22	ug/l		93
5) Bromomethane	1.65	94	591	Below Cal			94
6) Chloroethane	1.57	64	3761	1.39	ug/l	#	62
11) Tert butyl alcohol	3.07	59	3968	4.05	ug/l	#	91
13) Acrolein	2.29	56	361	Below Cal		#	15
16) Acetone	2.45	43	13660	5.62	ug/l		99
17) Carbon Disulfide	2.57	76	1232	0.57	ug/l	#	84
20) Methylene Chloride	2.86	84	1466	Below Cal			85
25) 2-Butanone	4.71	43	1645	0.45	ug/l	#	89
29) Tetrahydrofuran	5.17	42	503	0.27	ug/l	#	34
36) 1,1-Dichloropropene	5.66	75	20681	3.81	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	27184	5.26	ug/l	#	15
39) Methylcyclohexane	7.46	83	1804	0.28	ug/l	#	91
40) Benzene	6.14	78	56303	3.45	ug/l		99
49) 1,4-Dioxane	7.76	88	486	4.51	ug/l	#	61
52) Toluene	8.79	92	2649	0.26	ug/l		100
68) m/p-Xylenes	10.36	106	3194	0.41	ug/l		93
69) o-Xylene	10.70	106	1512	0.21	ug/l		76
76) 1,2,3-Trichloropropane	11.14	75	118062	21.57	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	118062	58.28	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.81	105	4067	0.27	ug/l		95
88) 1,4-Dichlorobenzene	12.10	146	443	Below Cal		#	1
94) Hexachlorobutadiene	13.79	225	77	0.46	ug/l	#	36
95) Naphthalene	13.83	128	165175	8.95	ug/l		100

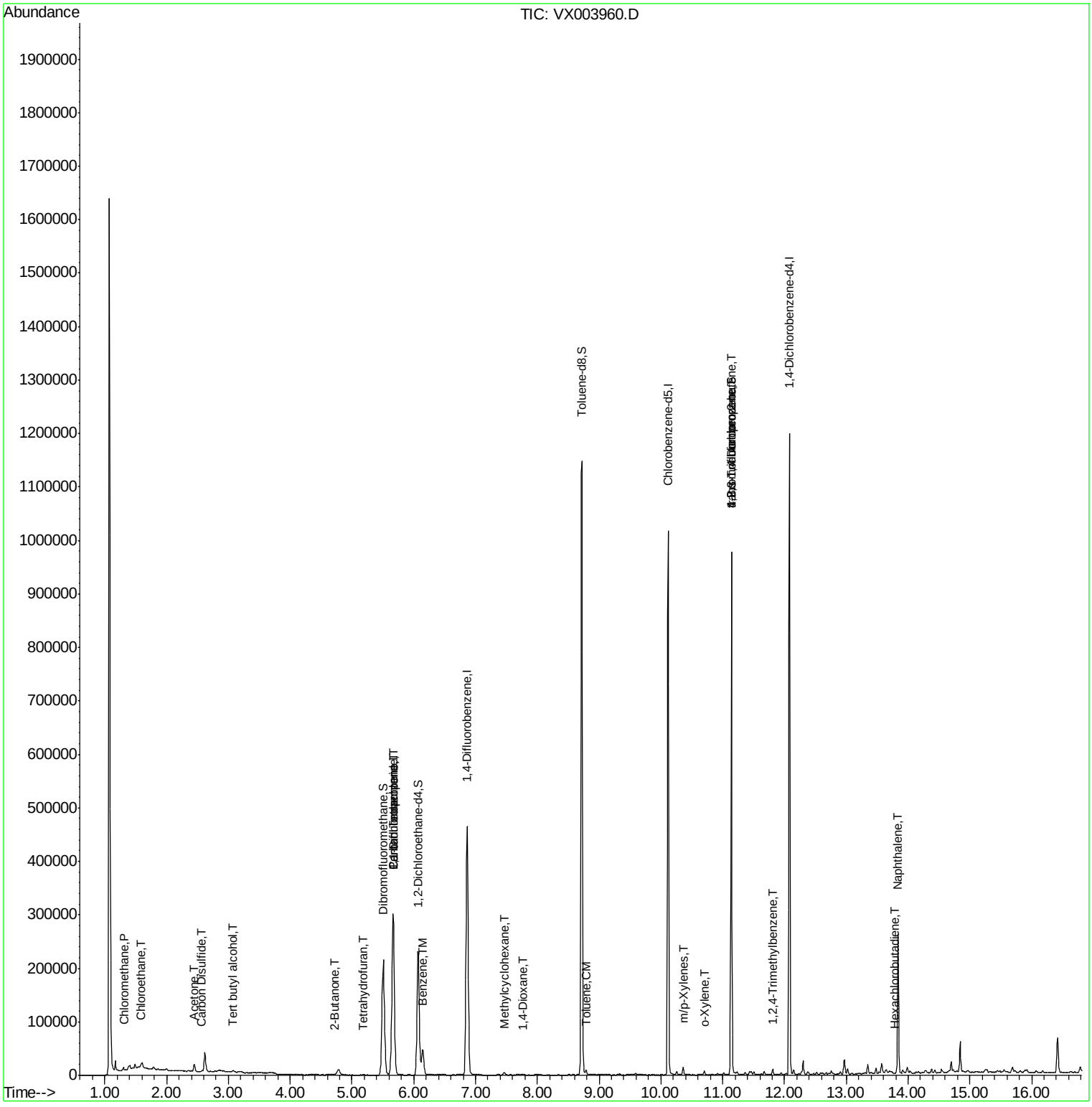
(#) = qualifier out of range (m) = manual integration (+) = signals summed

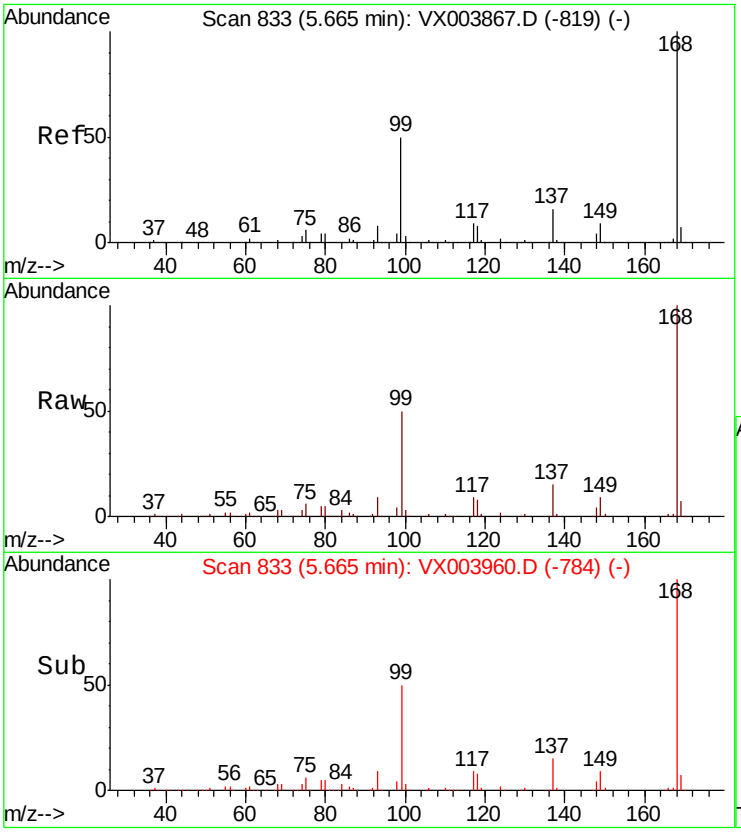
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080918\
Data File : VX003960.D
Acq On : 09 Aug 2018 19:30
Operator : JC/MD
Sample : J4379-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Quant Time: Aug 10 01:06:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration



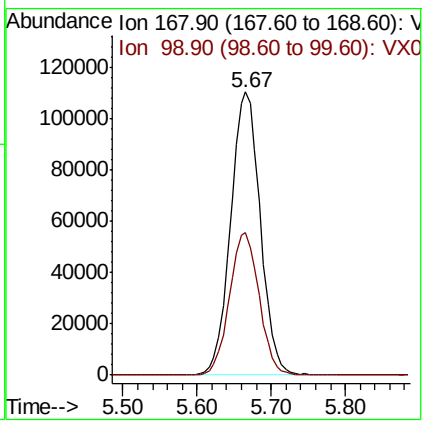


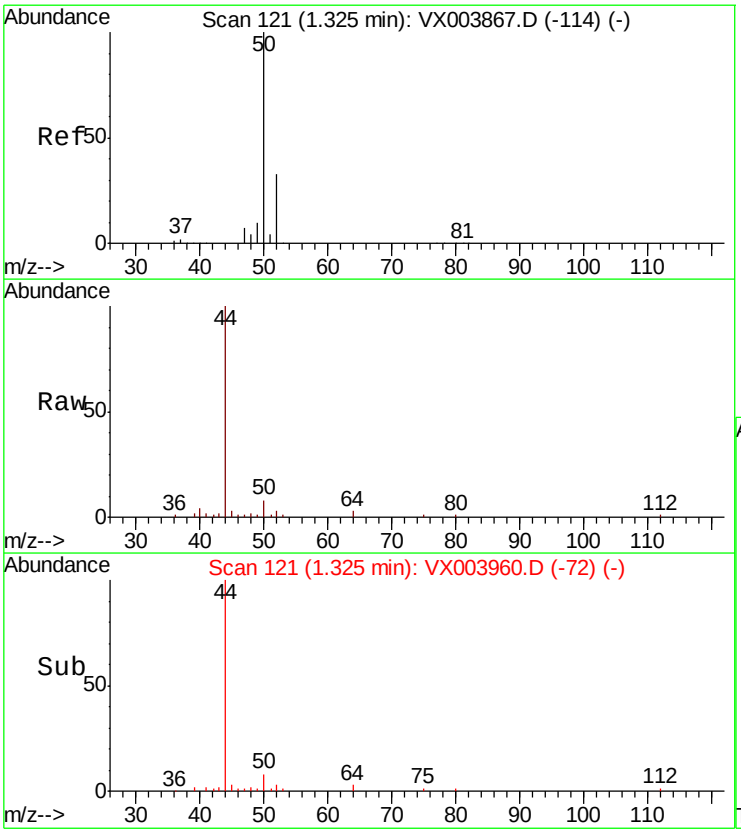
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion:168 Resp: 307944

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.1	60.1

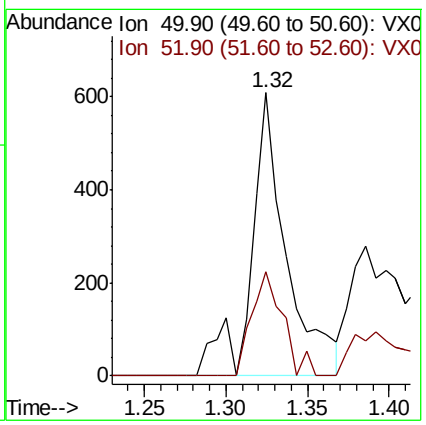


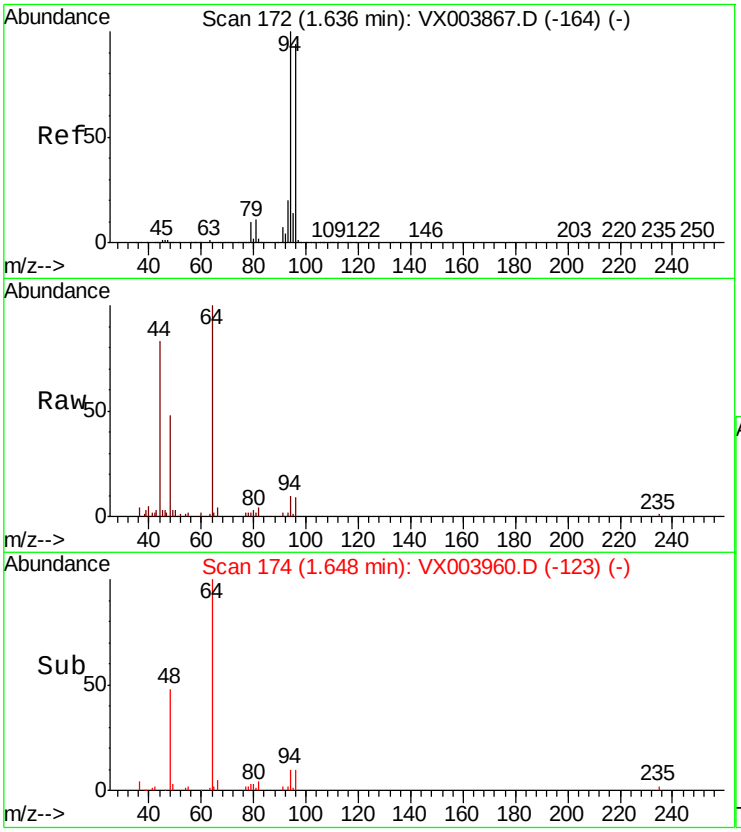


#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 50 Resp: 925

Ion	Ratio	Lower	Upper
50	100		
52	37.0	26.6	39.8



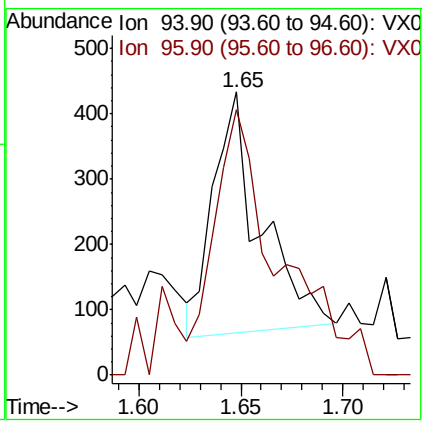


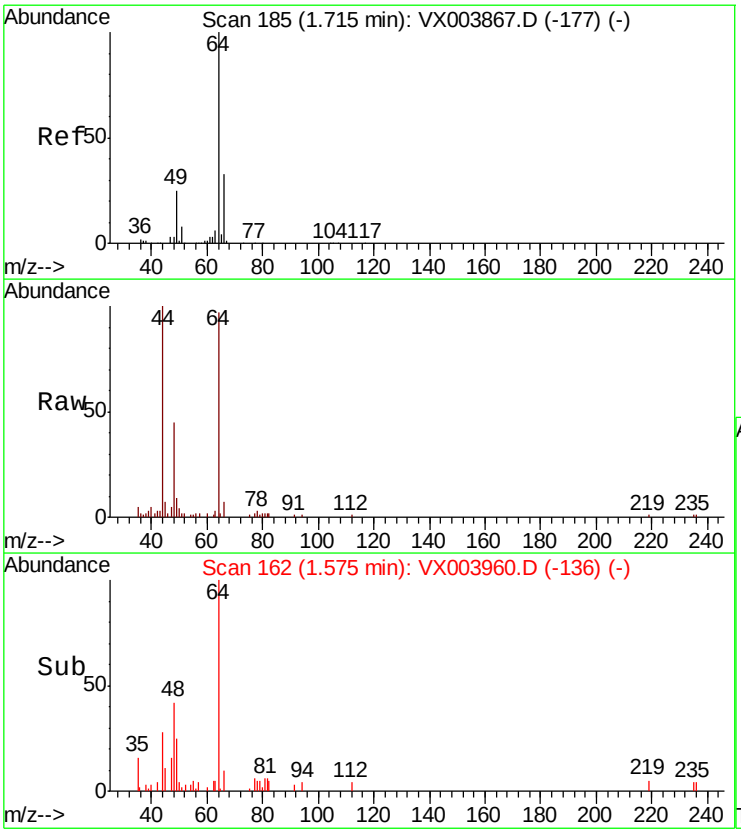
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 94 Resp: 591

Ion	Ratio	Lower	Upper
94	100		
96	100.0	75.2	112.8

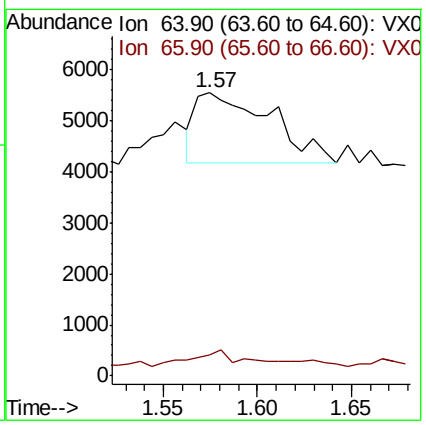


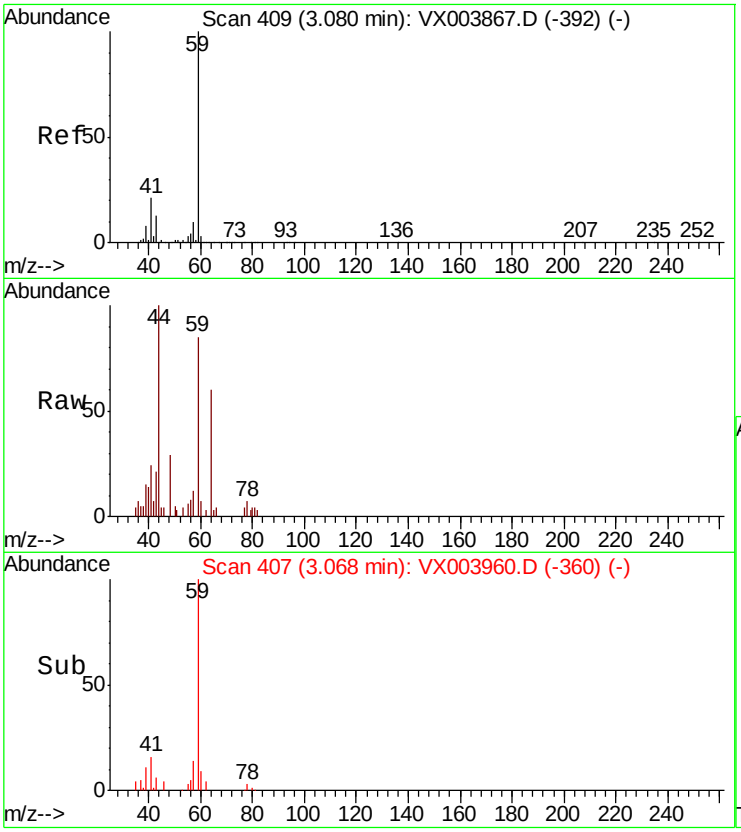


#6
Chloroethane
Concen: 1.39 ug/l
RT: 1.57 min Scan# 162
Delta R.T. -0.14 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 64 Resp: 3761

Ion	Ratio	Lower	Upper
64	100		
66	11.6	26.5	39.7#



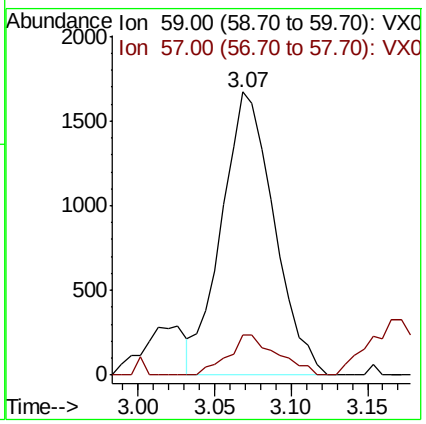


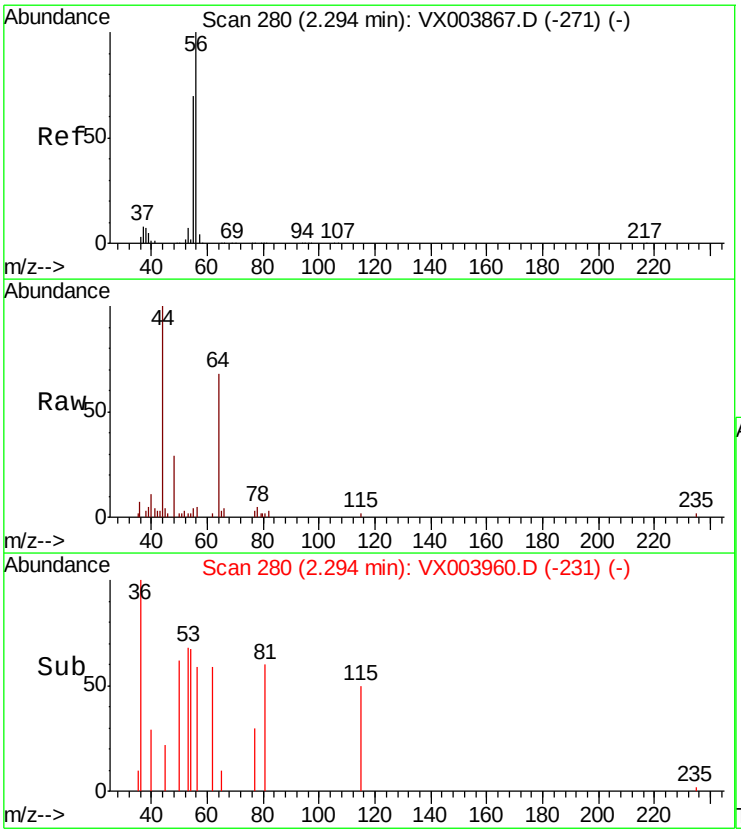
#11
Tert butyl alcohol
Concen: 4.05 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 59 Resp: 3968

Ion	Ratio	Lower	Upper
59	100		
57	13.3	8.1	12.1#

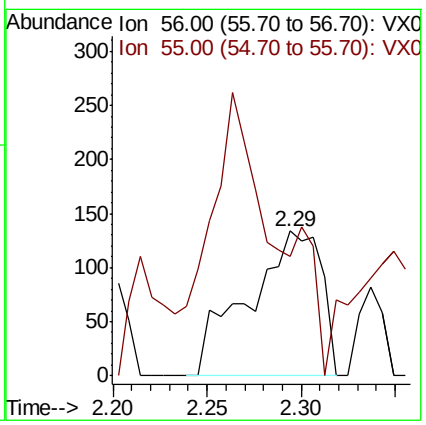


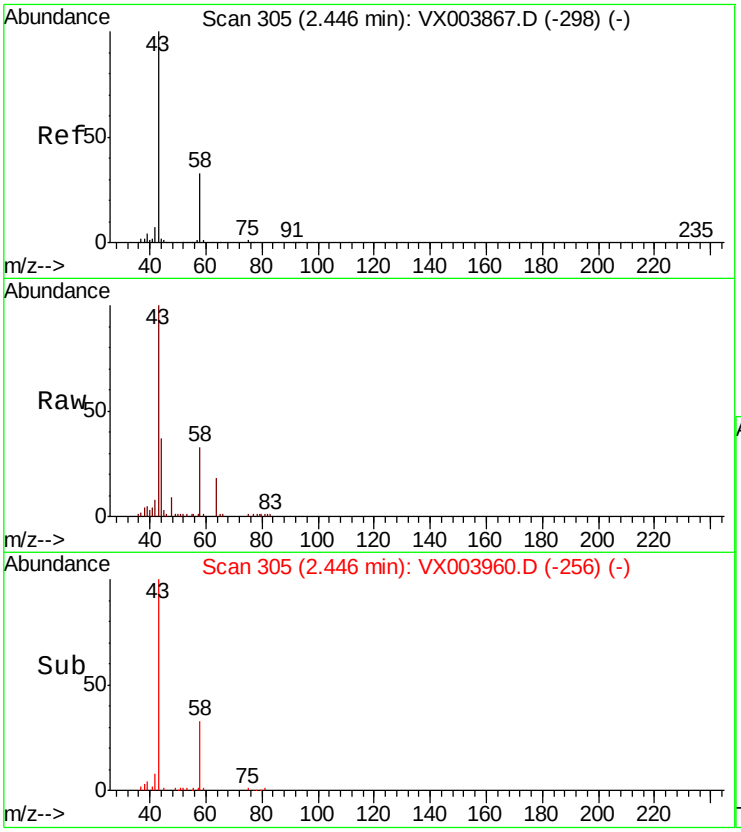


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 56 Resp: 361

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#



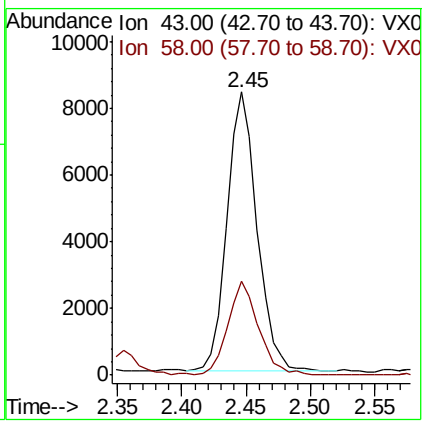


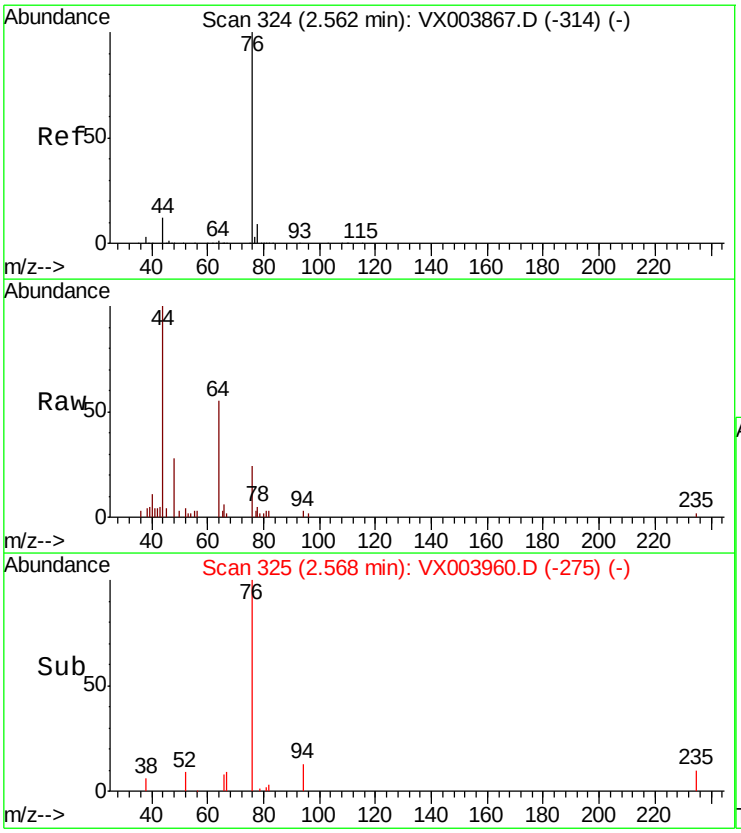
#16
Acetone
Concen: 5.62 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 43 Resp: 13660

Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.4	39.6

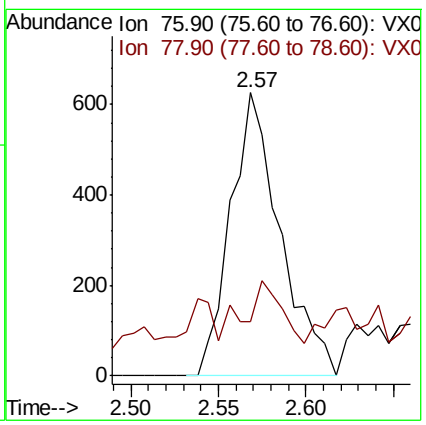


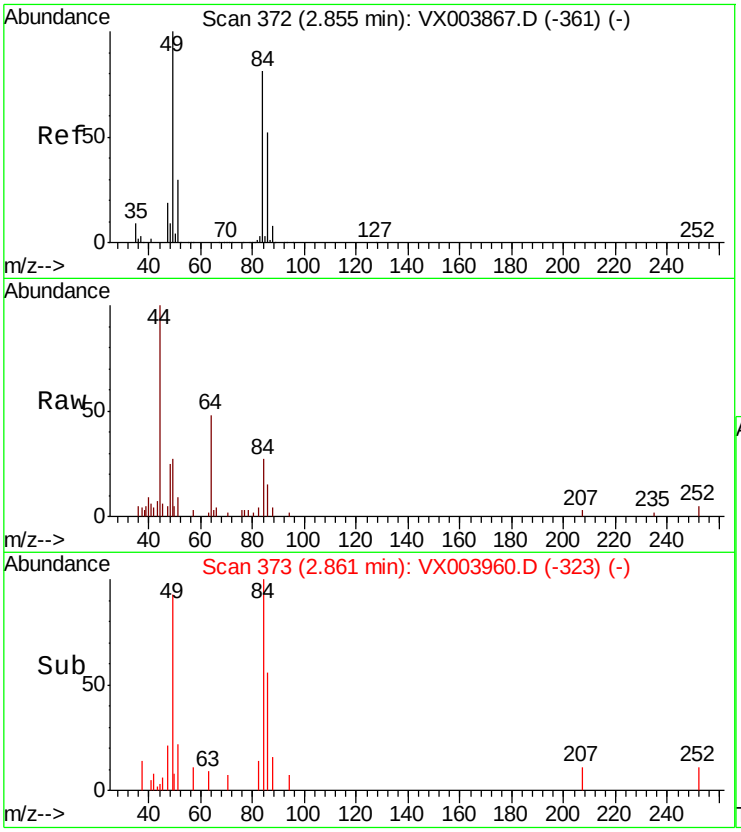


#17
Carbon Disulfide
Concen: 0.57 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 76 Resp: 1232

Ion	Ratio	Lower	Upper
76	100		
78	3.5	7.5	11.3#



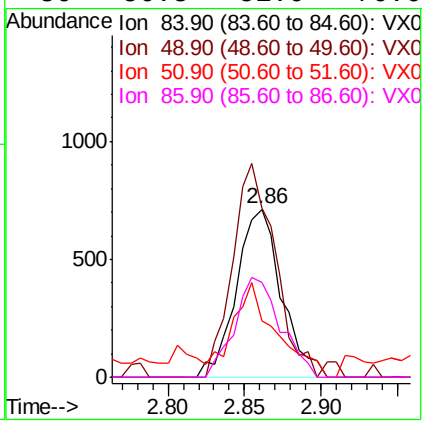


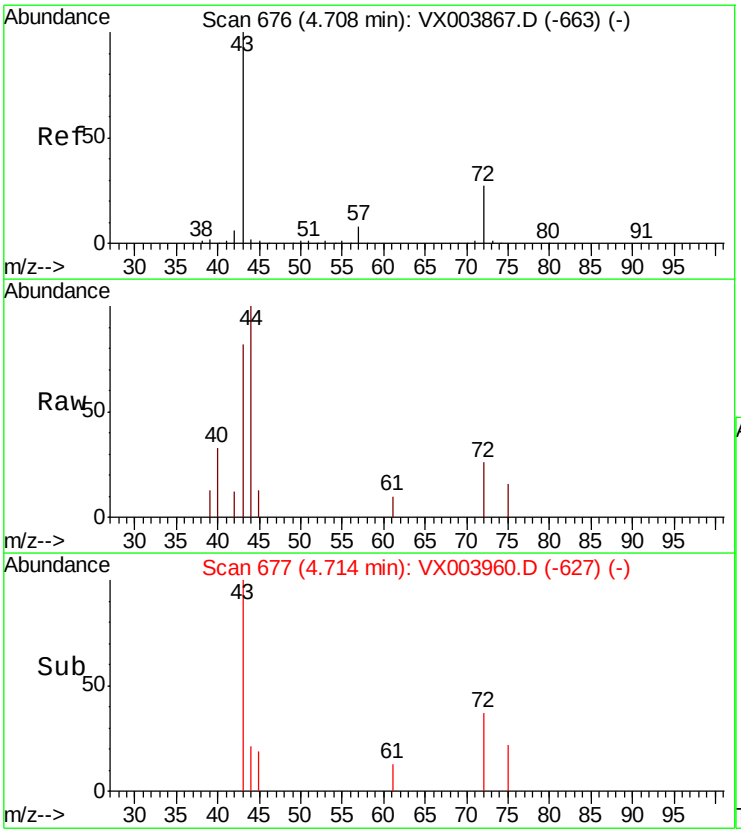
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument : MSVOA_X
ClientSampleId : MW-103S

Tgt Ion: 84 Resp: 1466

Ion	Ratio	Lower	Upper
84	100		
49	100.3	98.9	148.3
51	33.3	29.9	44.9
86	56.3	51.0	76.6

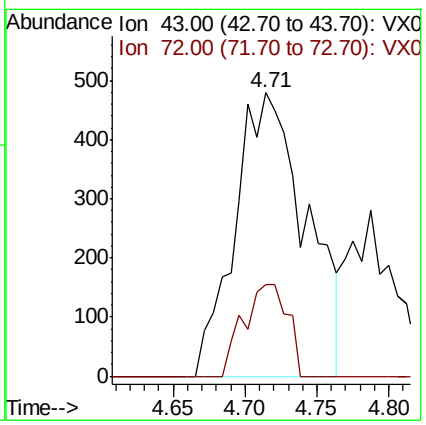


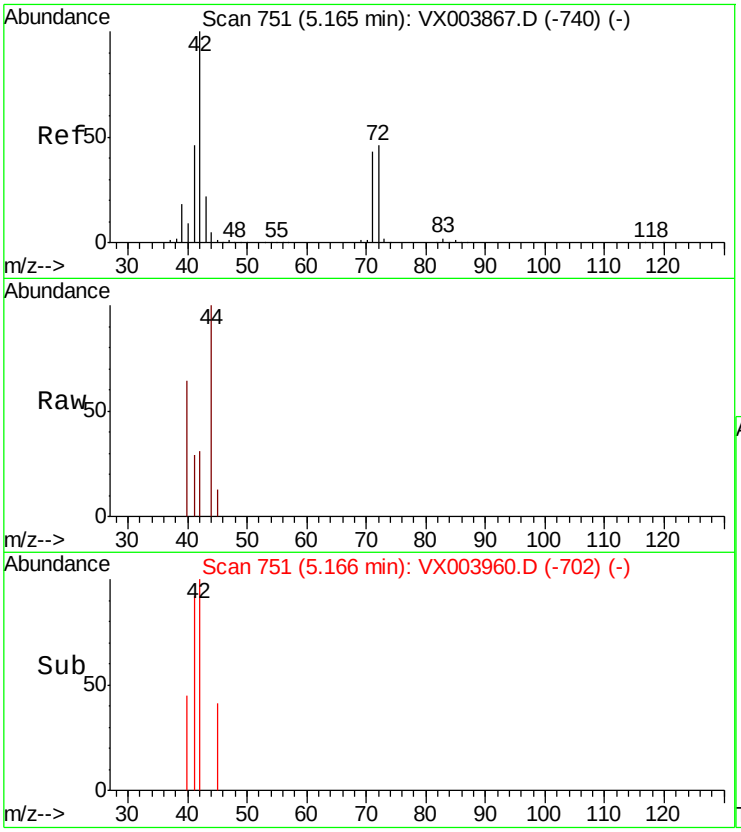


#25
2-Butanone
Concen: 0.45 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 43 Resp: 1645

Ion	Ratio	Lower	Upper
43	100		
72	32.4	21.4	32.0#



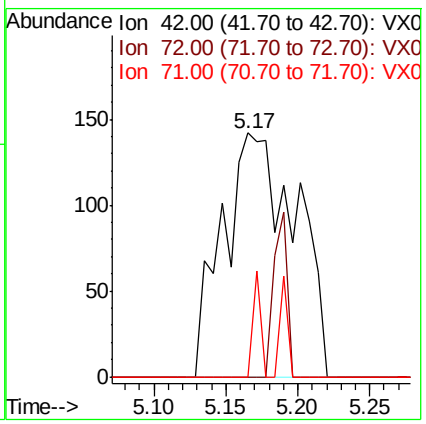


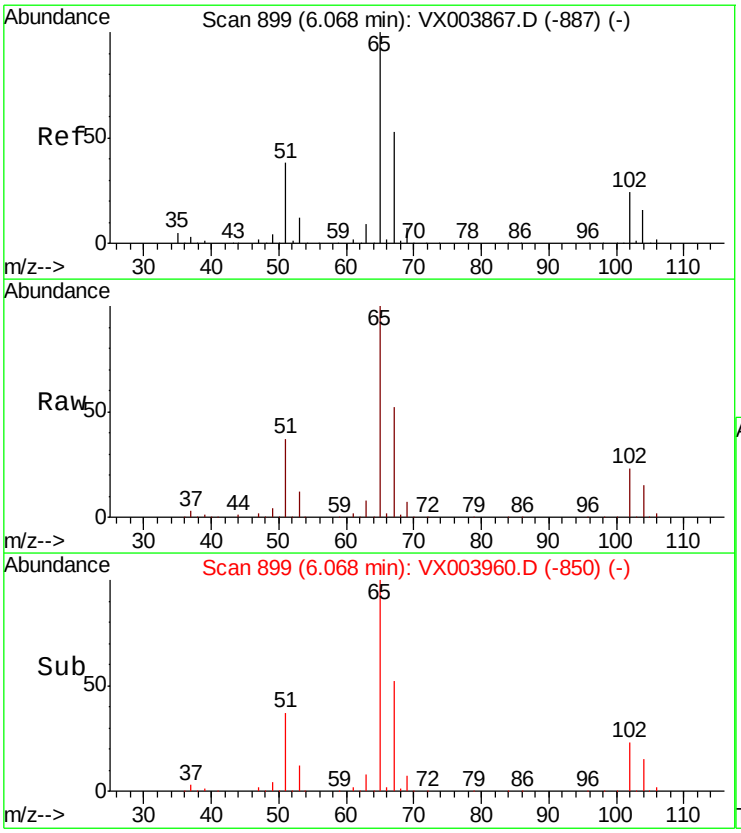
#29
Tetrahydrofuran
Concen: 0.27 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 42 Resp: 503

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.7	56.5#
71	4.6	35.0	52.6#

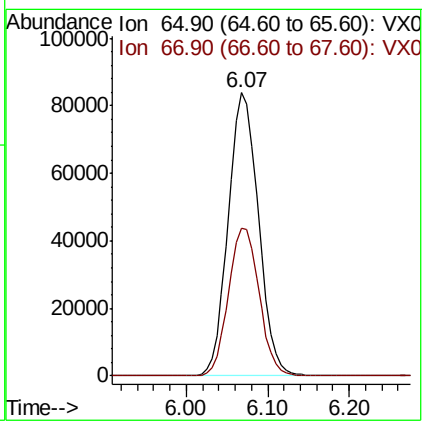


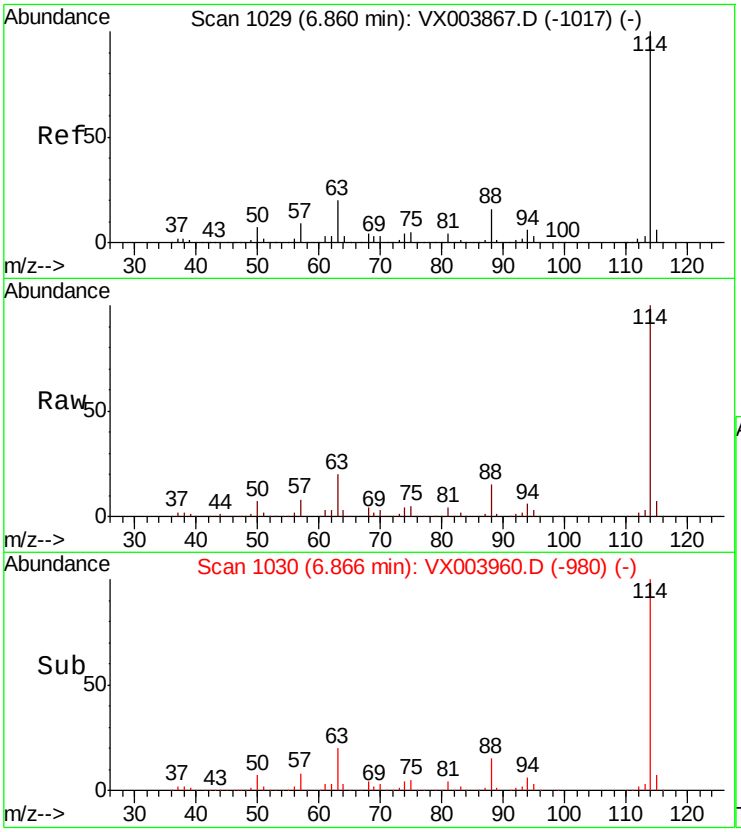


#33
1,2-Dichloroethane-d4
Concen: 52.66 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 65 Resp: 214980

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.8



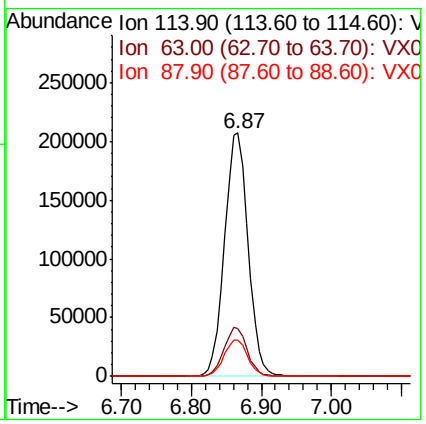


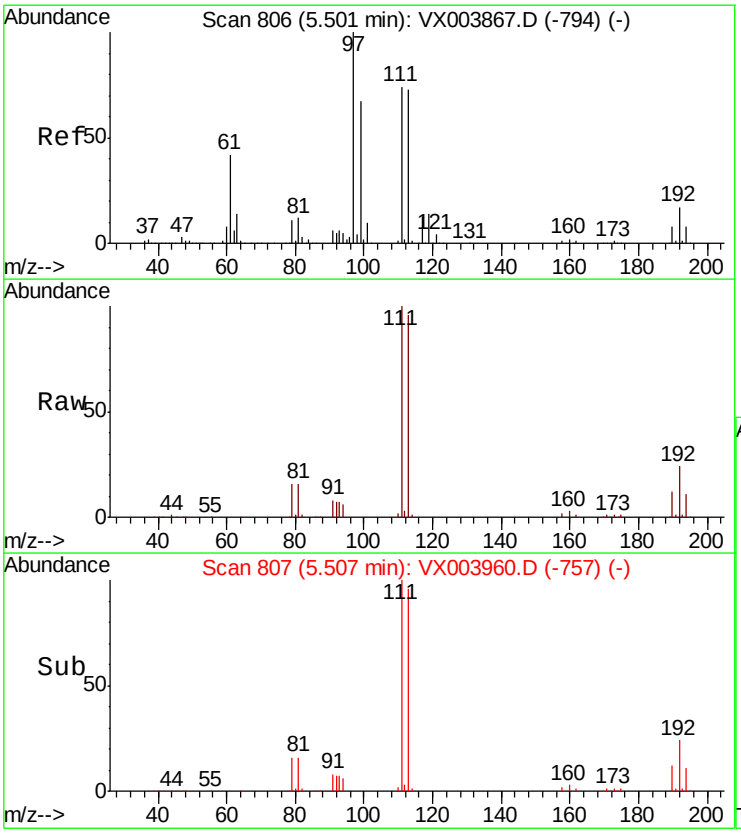
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion:114 Resp: 484989

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	14.9	0.0	32.0

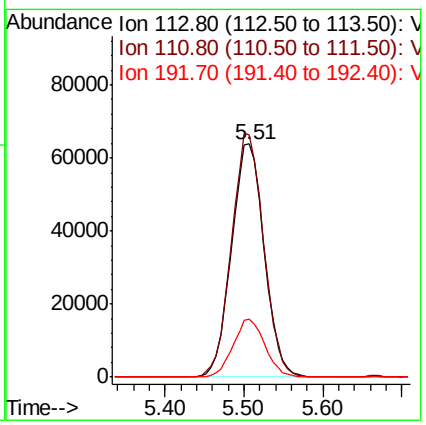


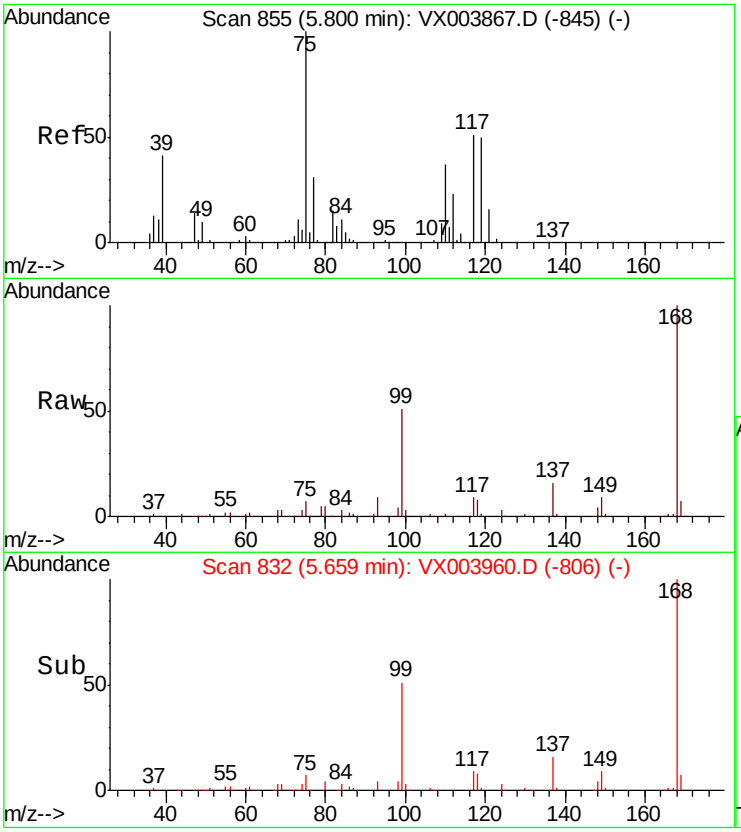


#35
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion:113 Resp: 184158

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	24.1	19.0	28.4



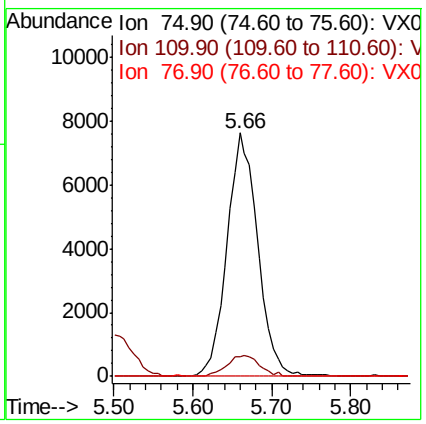


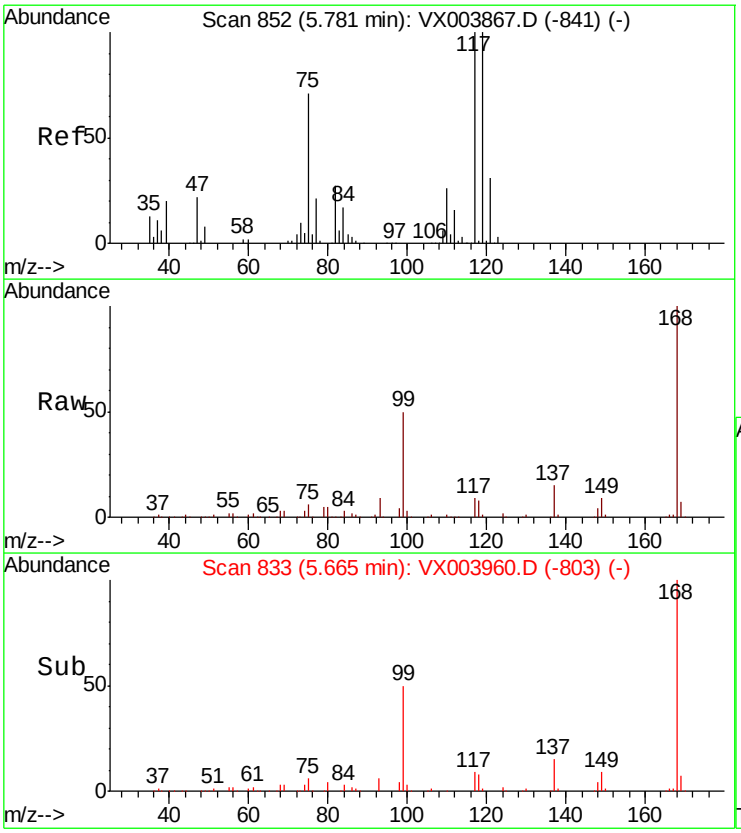
#36
1,1-Dichloropropene
Concen: 3.81 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 75 Resp: 20681

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.2	54.6#
77	0.0	25.0	37.4#

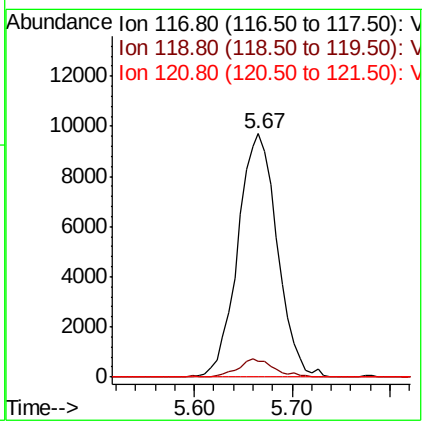


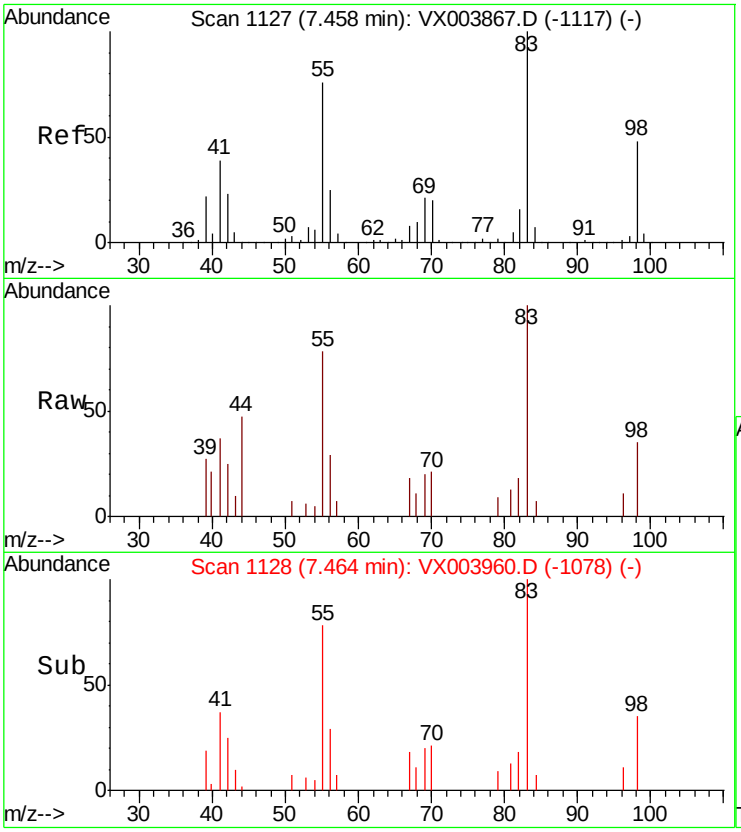


#38
Carbon Tetrachloride
Concen: 5.26 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion:117 Resp: 27184

Ion	Ratio	Lower	Upper
117	100		
119	6.2	79.5	119.3#
121	0.0	25.0	37.4#



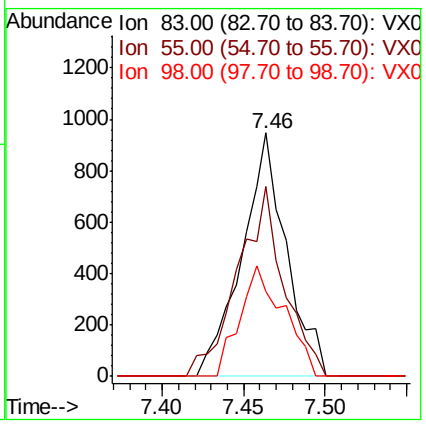


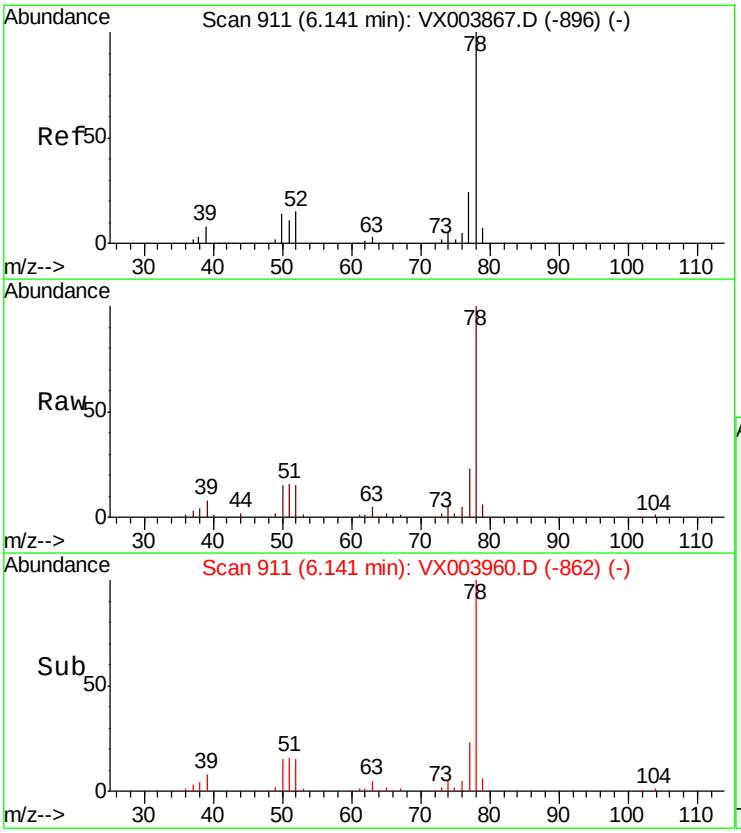
#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 83 Resp: 1804

Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.0	91.6
98	35.1	38.6	57.8#

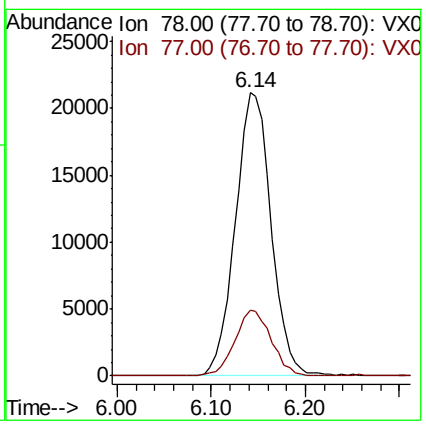


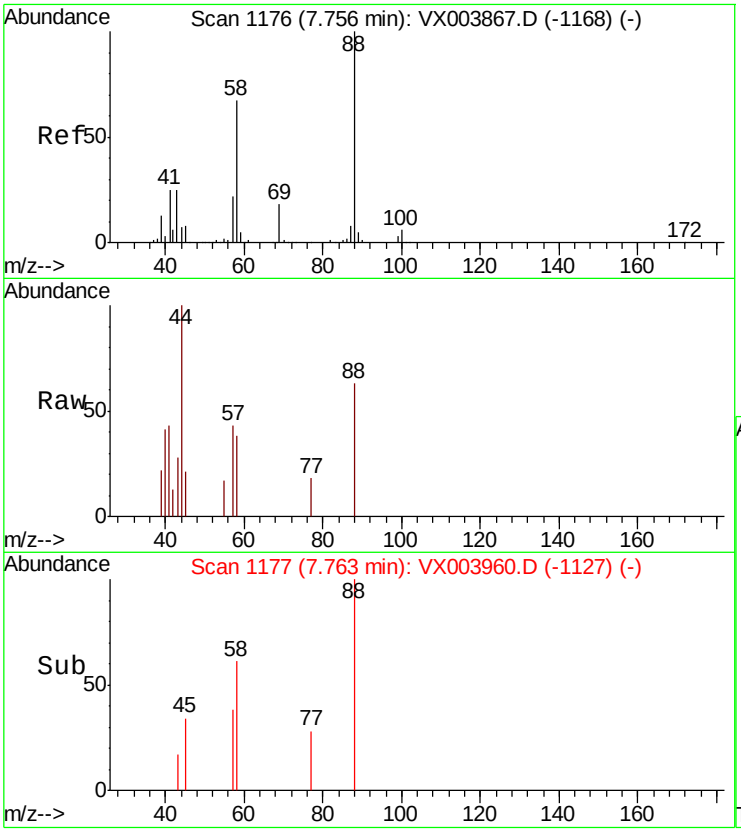


#40
Benzene
Concen: 3.45 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 78 Resp: 56303

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4



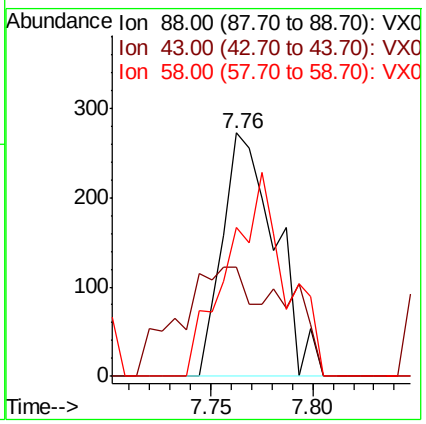


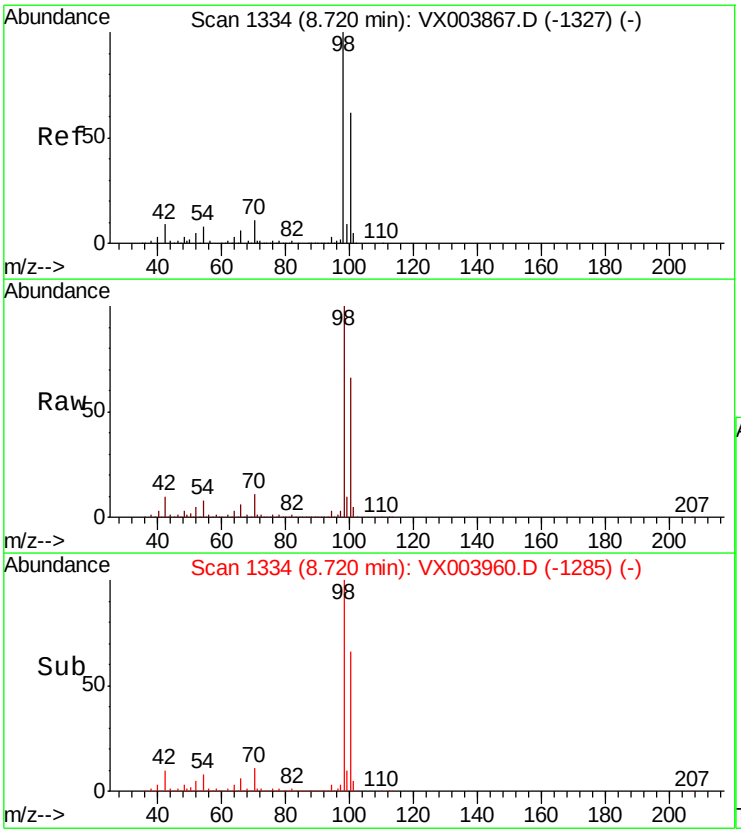
#49
1,4-Dioxane
Concen: 4.51 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 88 Resp: 486

Ion	Ratio	Lower	Upper
88	100		
43	64.0	23.8	35.8#
58	92.0	55.4	83.0#

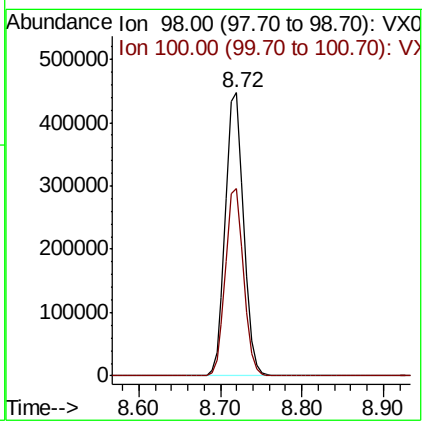


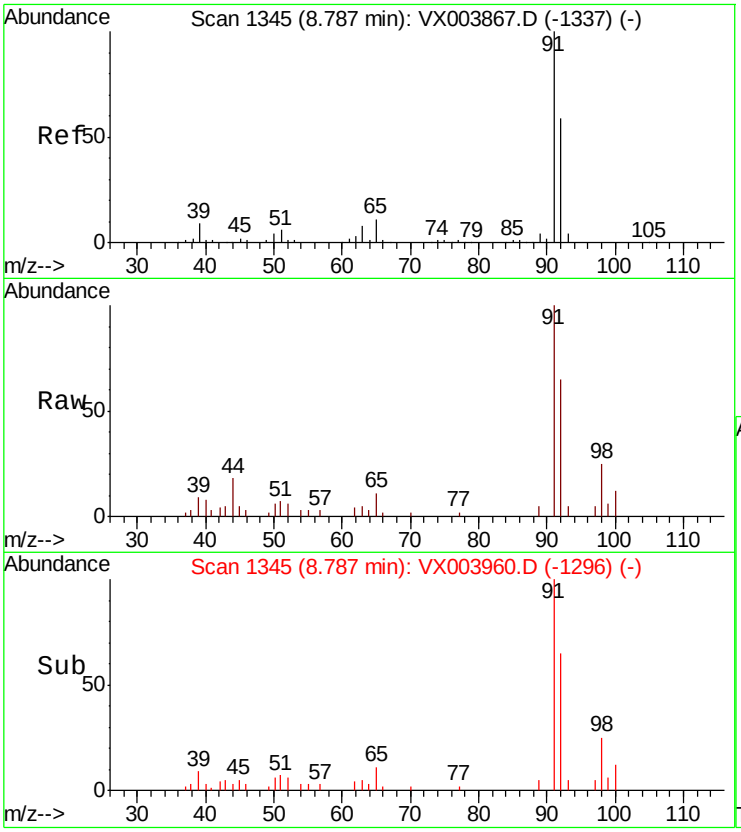


#50
Toluene-d8
Concen: 48.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 98 Resp: 688564

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.3	79.9



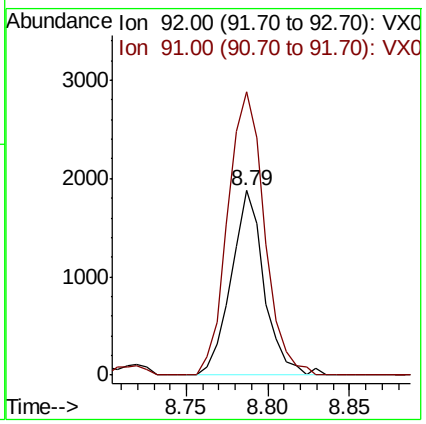


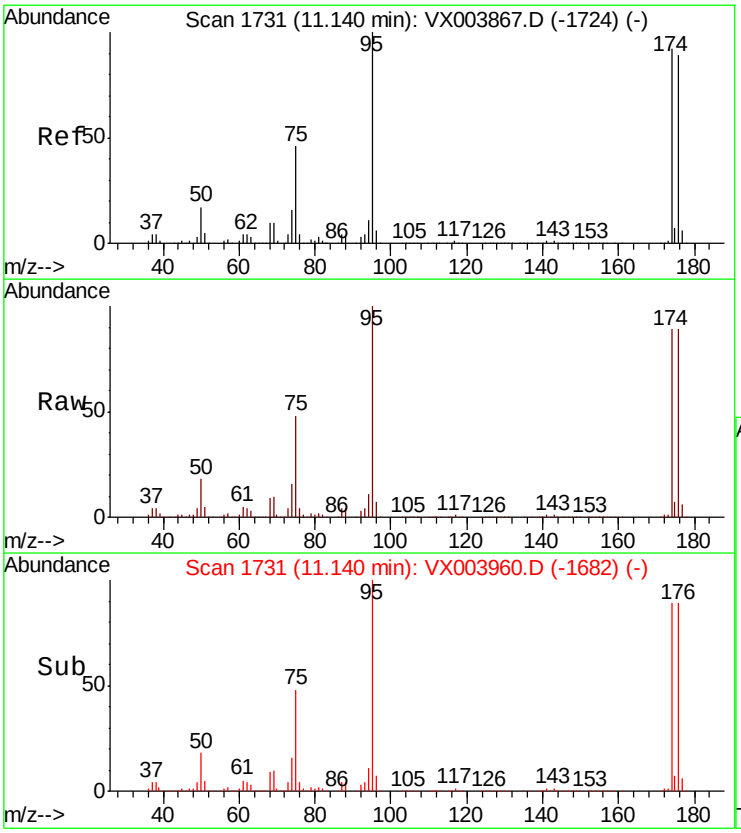
#52
Toluene
Concen: 0.26 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 92 Resp: 2649

Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.1	204.1

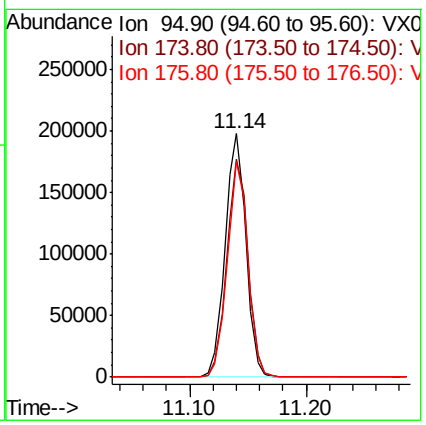


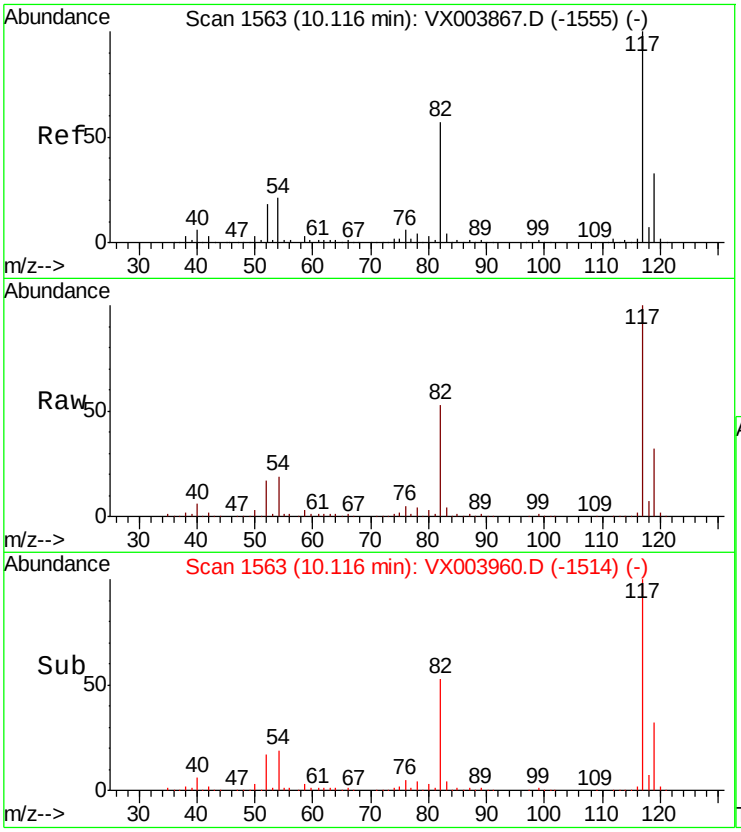


#62
4-Bromofluorobenzene
Concen: 53.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 95 Resp: 245160

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	182.8
176	87.8	0.0	179.0



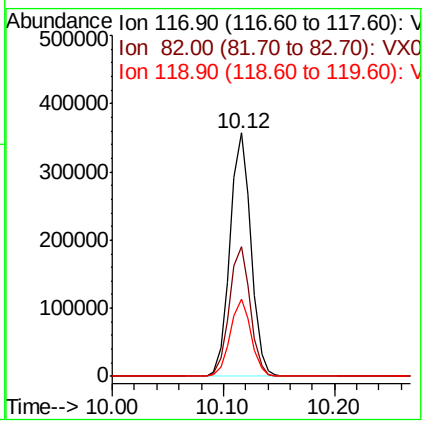


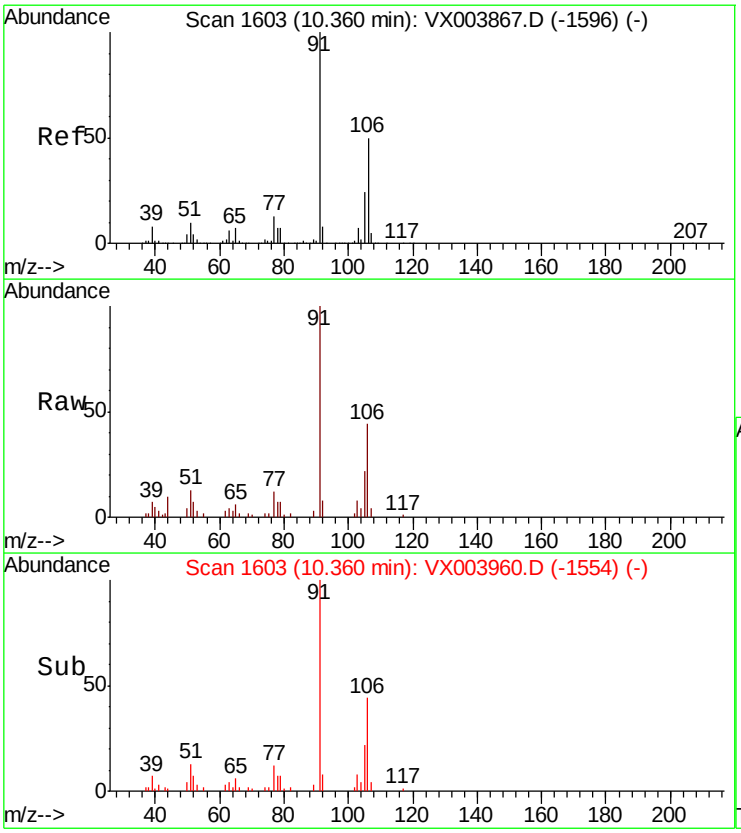
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion:117 Resp: 463856

Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.4	68.0
119	31.6	26.6	40.0

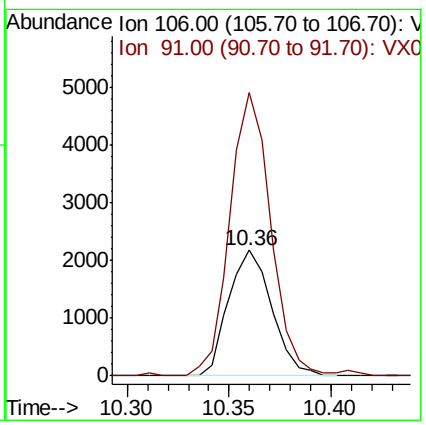


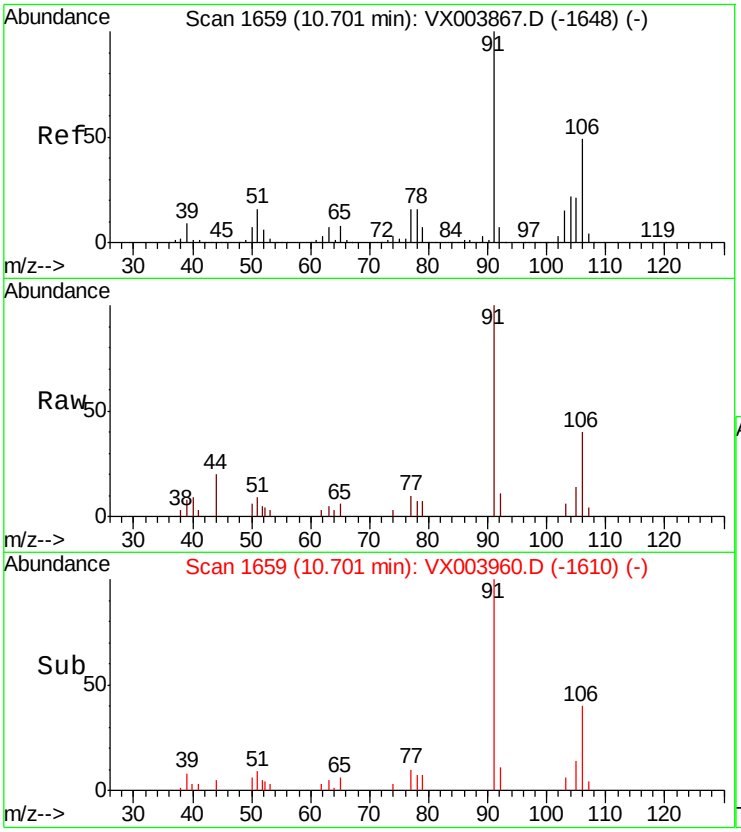


#68
m/p-Xylenes
Concen: 0.41 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion:106 Resp: 3194

Ion	Ratio	Lower	Upper
106	100		
91	213.7	162.3	243.5



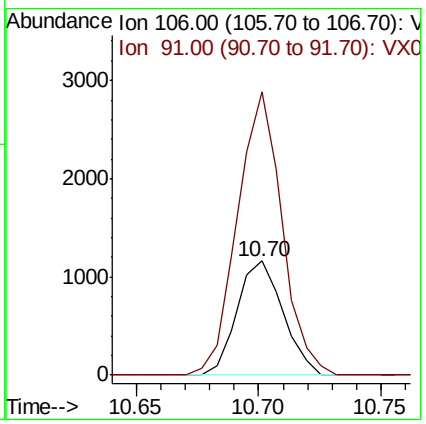


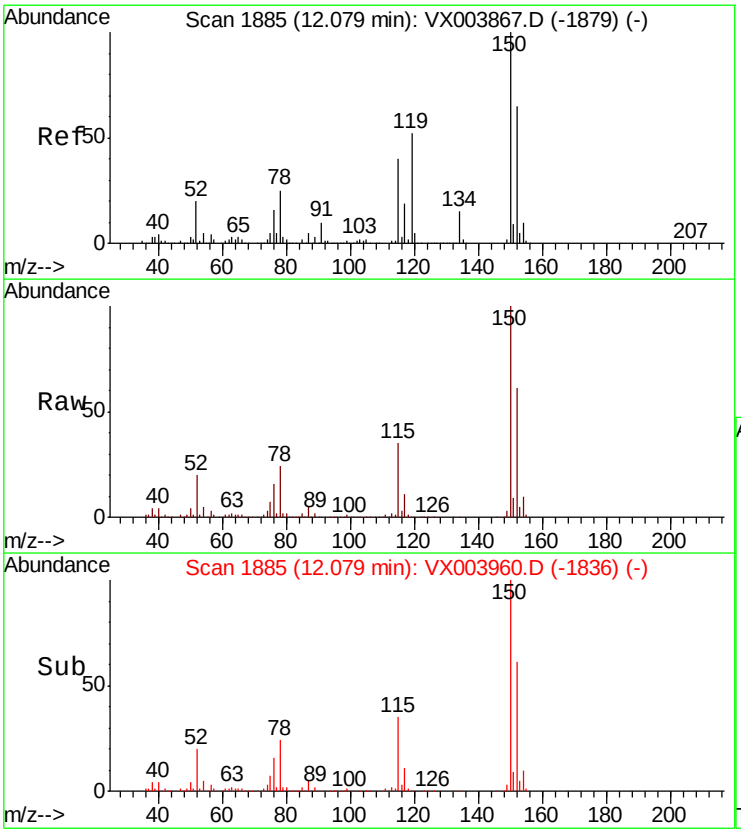
#69
o-Xylene
Concen: 0.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion:106 Resp: 1512

Ion	Ratio	Lower	Upper
106	100		
91	241.2	101.9	305.7

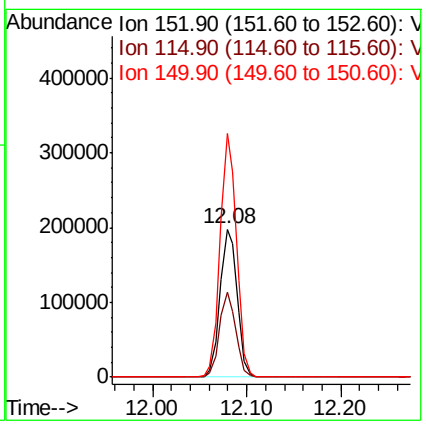


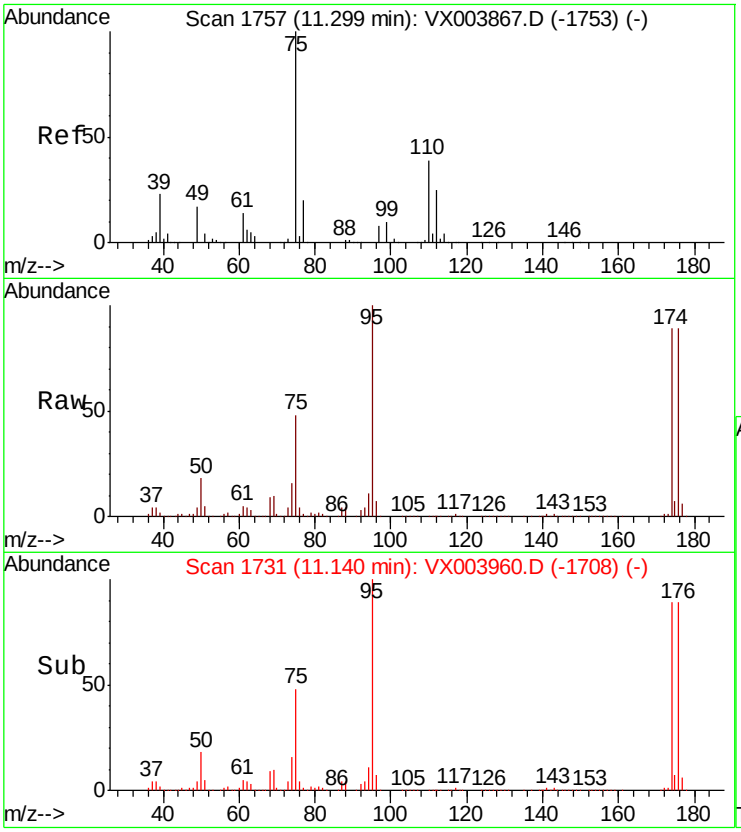


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion:152 Resp: 247858

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.1	117.3
150	158.4	0.0	349.2



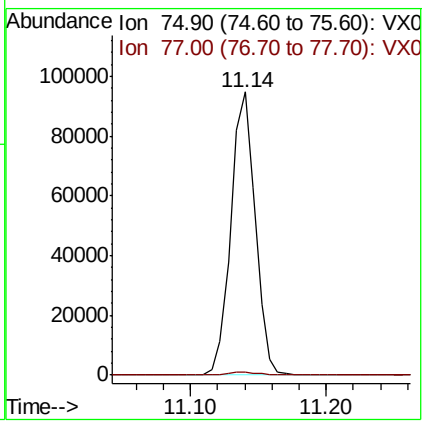


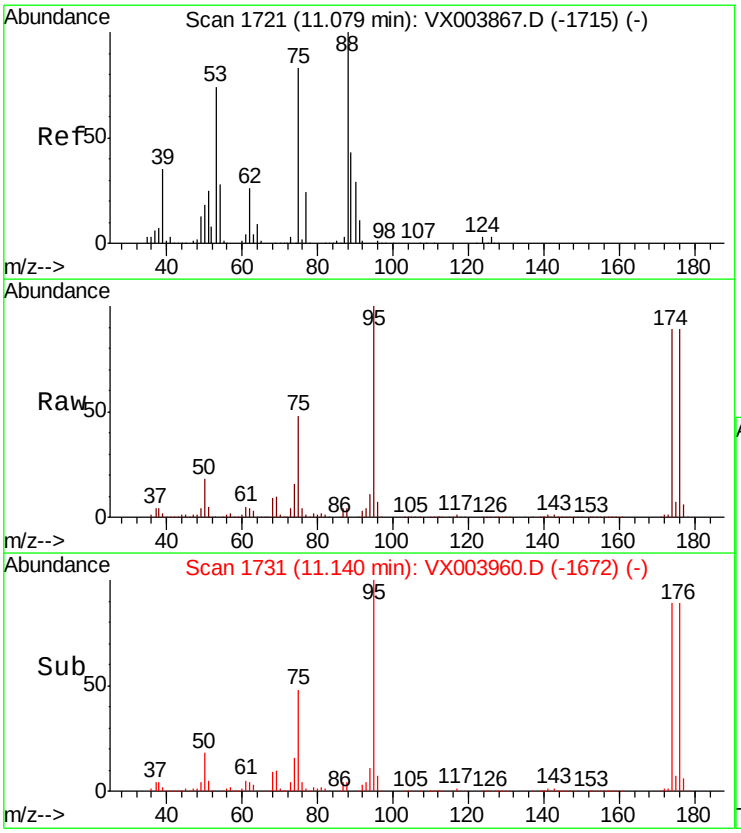
#76
1,2,3-Trichloropropane
Concen: 21.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion: 75 Resp: 118062

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.8	62.5#

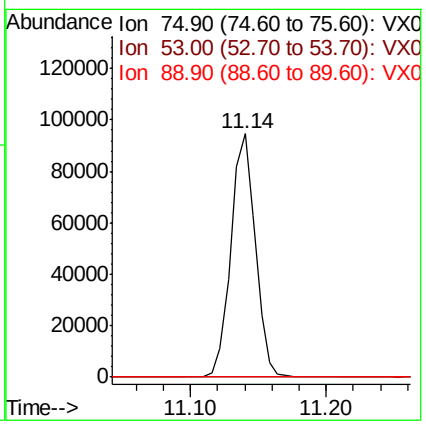


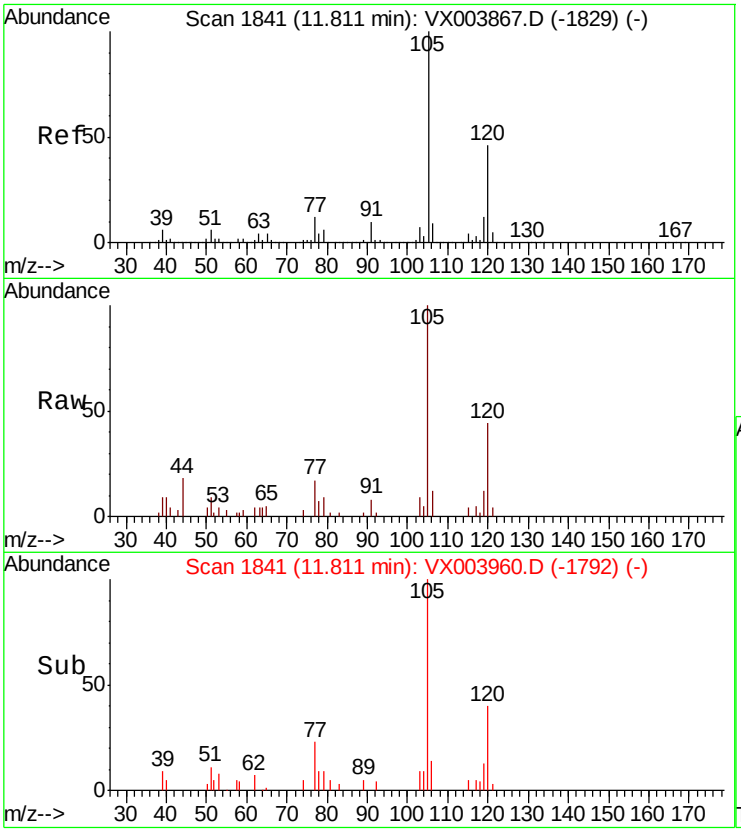


#81
trans-1,4-Dichloro-2-butene
Concen: 58.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion: 75 Resp: 118062

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.3	120.5#
89	0.0	37.8	56.8#



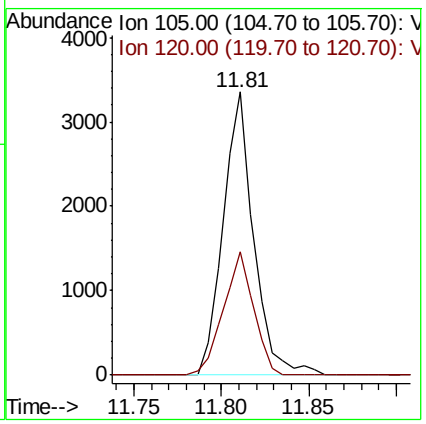


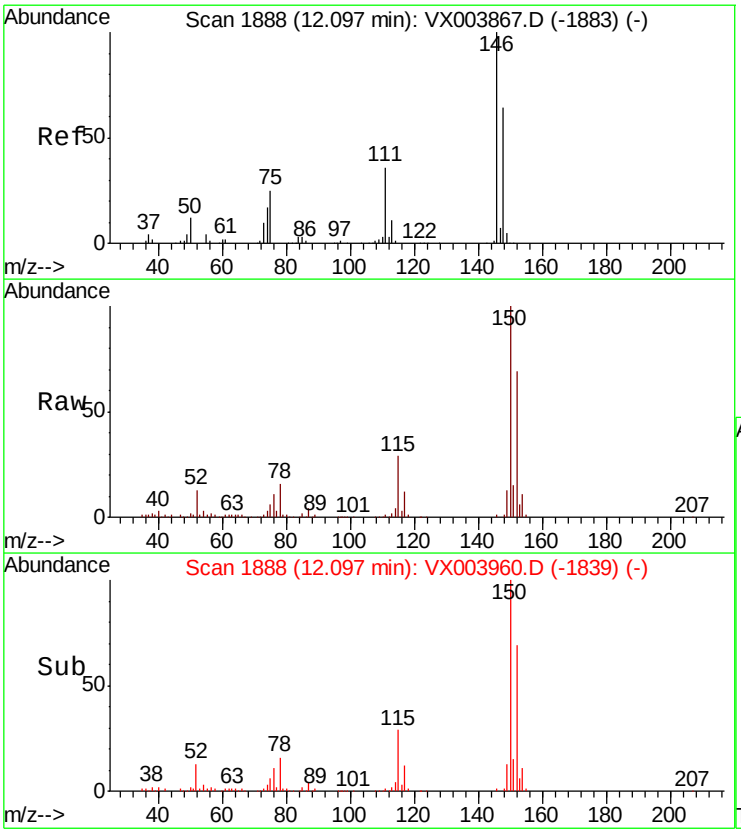
#84
1,2,4-Trimethylbenzene
Concen: 0.27 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion:105 Resp: 4067

Ion	Ratio	Lower	Upper
105	100		
120	43.0	23.1	69.2

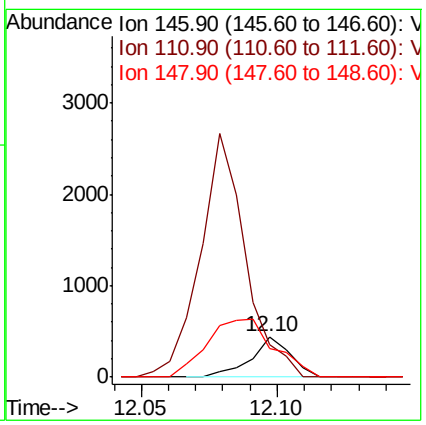


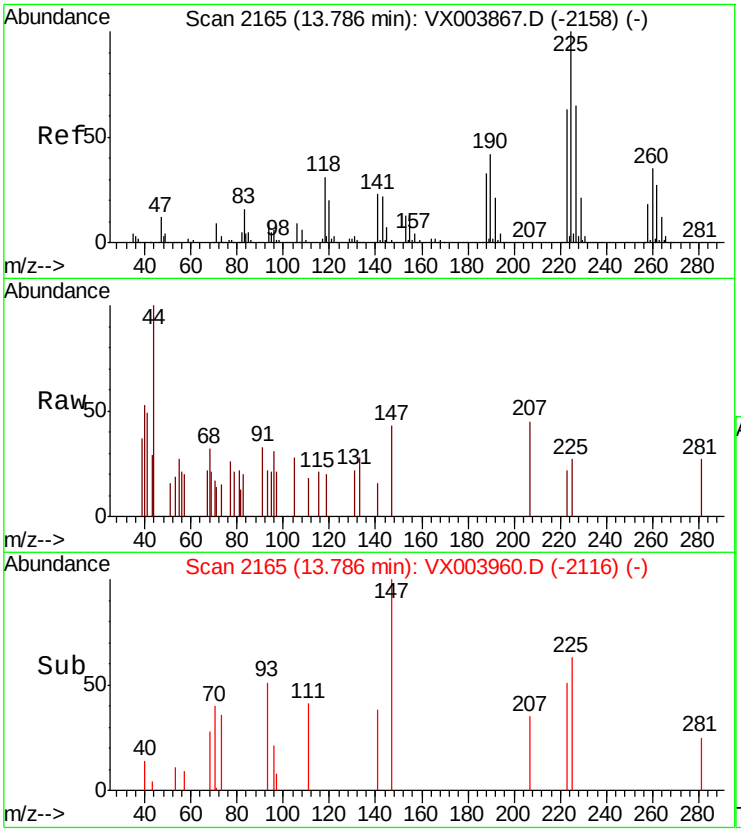


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.10 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion:146 Resp: 443

Ion	Ratio	Lower	Upper
146	100		
111	694.1	18.4	55.0#
148	246.7	32.3	96.8#



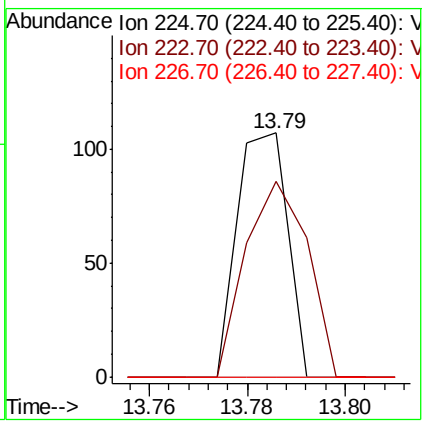


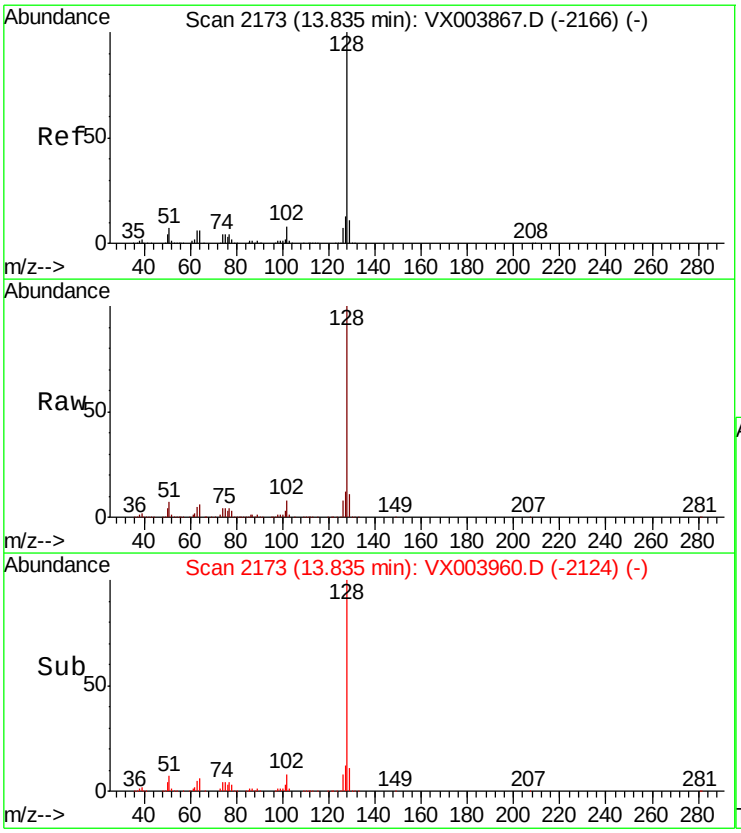
#94
Hexachlorobutadiene
Concen: 0.46 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-103S

Tgt Ion:225 Resp: 77

Ion	Ratio	Lower	Upper
225	100		
223	97.4	31.4	94.0#
227	0.0	32.1	96.5#





#95
Naphthalene
Concen: 8.95 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003960.D
Acq: 09 Aug 2018 19:30

Tgt Ion:128 Resp: 165175

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.2	8.8	13.2