Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082418\

Quantitation Report (Not Reviewed)

Data File : VR025639.D
Acq On : 24 Aug 2018 17:29
Operator : SY/MD
Sample : J4643-10MSD
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : H0K17MSD

Quant Time: Aug 24 23:06:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	491736	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	424399	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	125241	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.16	65	120390	3.76	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.20%				
7) Chloroethane-d5	2.63	69	115150	4.17	ug/L		0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.40%				
11) 1,1-Dichloroethene-d2	3.63	63	313520	3.96	ug/L		0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.20%				
20) 2-Butanone-d5	6.60	46	148204	60.76	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.52%				
24) Chloroform-d	7.21	84	235059	4.18	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%				
26) 1,2-Dichloroethane-d4	7.89	65	88311	4.52	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%				
32) Benzene-d6	7.86	84	549175	3.96	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.20%				
36) 1,2-Dichloropropane-d6	8.90	67	158902	4.49	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%				
41) Toluene-d8	9.97	98	495944	3.95	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%				
43) trans-1,3-Dichloropropene-	10.24	79	33746	4.04	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.80%				
46) 2-Hexanone-d5	10.59	63	157054	57.50	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.00%				
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67530	4.14	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.80%				
64) 1,2-Dichlorobenzene-d4	13.51	152	109707	5.48	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.60%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	3.65	96	162757	4.214	ug/L		85
13) Acetone	3.85	43	345	0.227	ug/L		69
17) Methyl tert-butyl Ether	4.89	73	150304	3.796	ug/L		100
22) cis-1,2-Dichloroethene	6.68	96	13912	0.397	ug/L	#	76
27) 1,2-Dichloroethane	7.91	62	4683	0.229	ug/L		96
33) Benzene	7.91	78	695499	4.487	ug/L		100
34) Trichloroethene	8.71	95	217435	6.125	ug/L		98
35) Methylcyclohexane	8.90	83	34760	0.602	ug/L	#	23
42) Toluene	10.03	91	764254	5.025	ug/L		93
47) Tetrachloroethene	10.52	164	319772	11.779	ug/L		98
48) 2-Hexanone	10.59	43	18146	3.159	ug/L	#	62
49) Dibromochloromethane	10.52	129	273374	16.900	ug/L	#	13
51) Chlorobenzene	11.31	112	434931	4.594	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.15	75	281	0.311	ug/L	#	24

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082418\

Quantitation Report (Not Reviewed)

Data File : VR025639.D
Acq On : 24 Aug 2018 17:29
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Sample : J4643-10MSD
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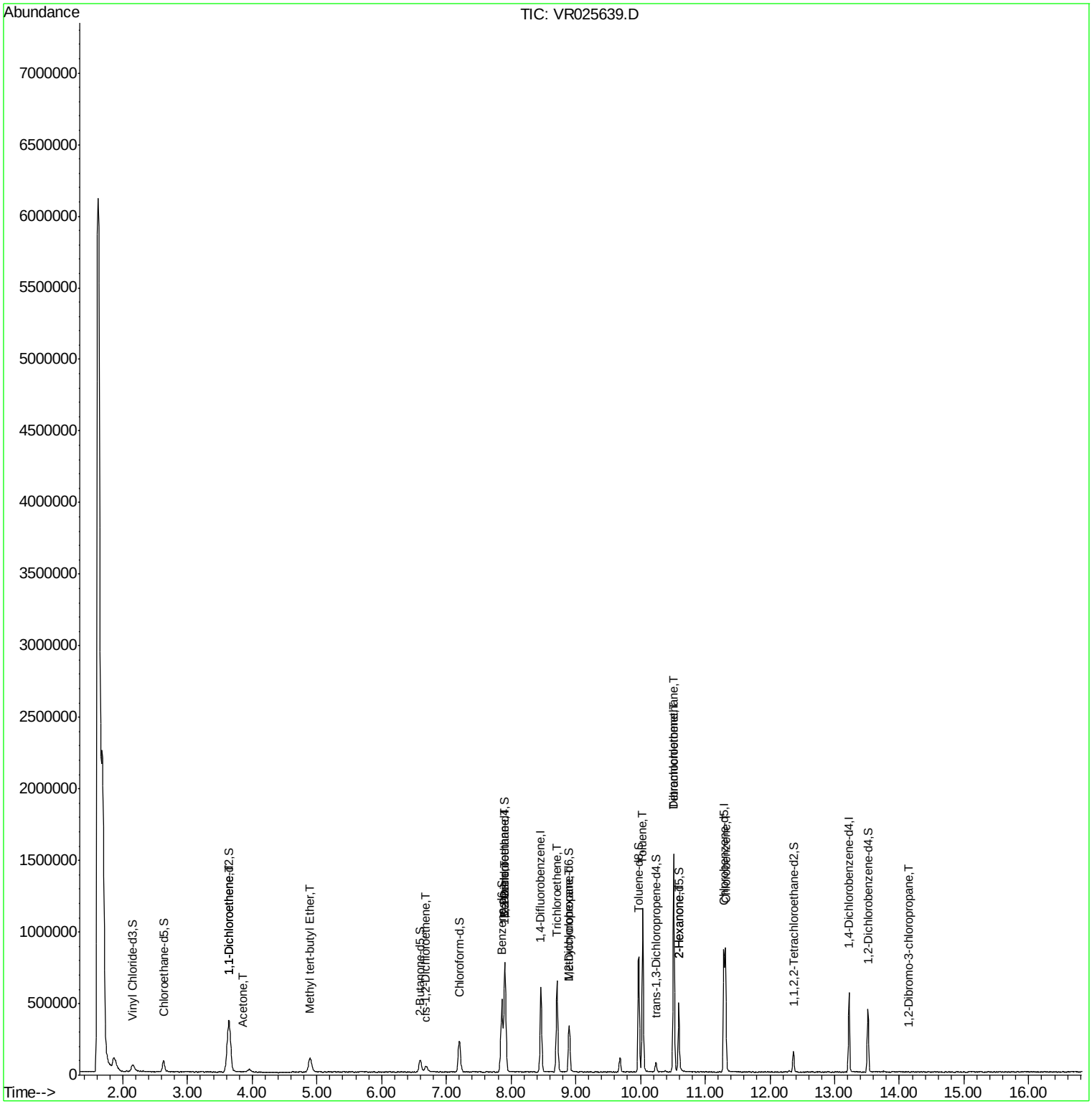
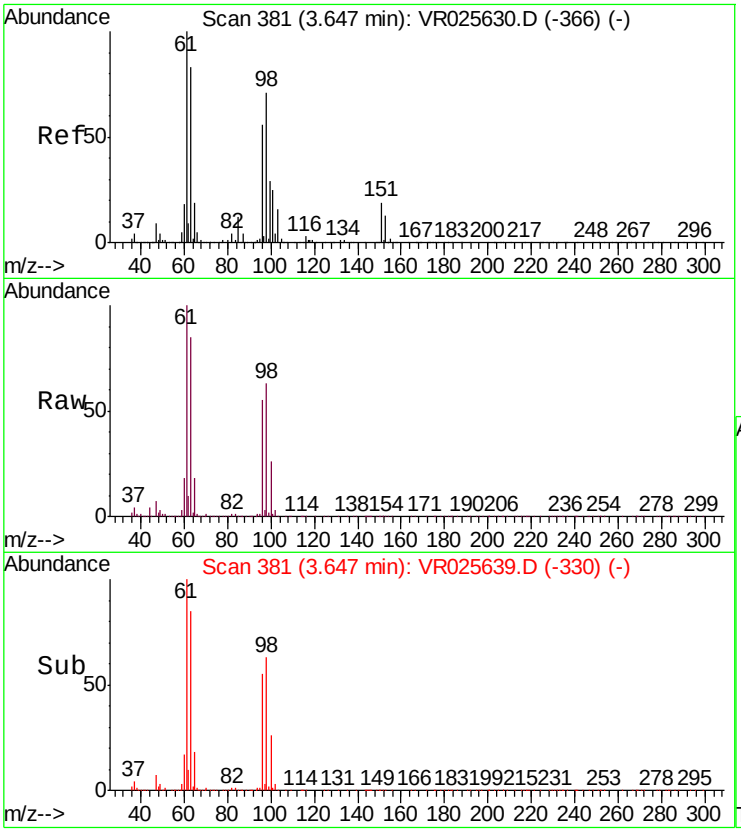
Instrument : MSVOA_R
ClientSampleId : H0K17MSD

Quant Time: Aug 24 23:06:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration



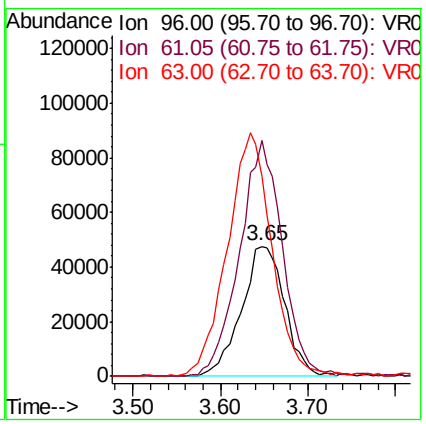


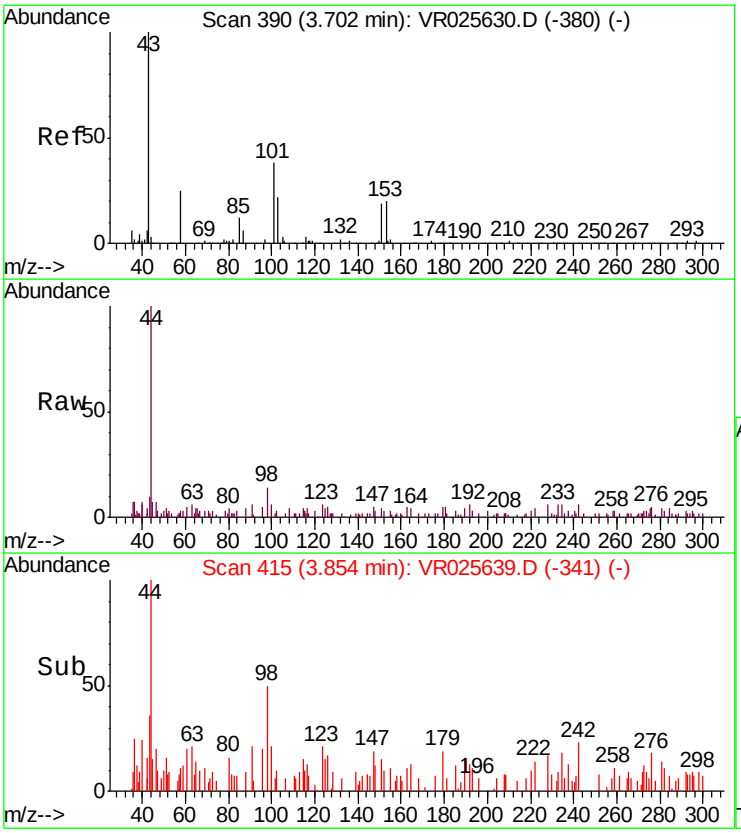
#12
1,1-Dichloroethene
Concen: 4.214 ug/L
RT: 3.65 min Scan# 381
Delta R.T. 0.01 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Instrument : MSVOA_R
ClientSampleId : H0K17MSD

Tgt Ion: 96 Resp: 162757

Ion	Ratio	Lower	Upper
96	100		
61	181.5	119.8	222.6
63	154.5	131.1	243.5

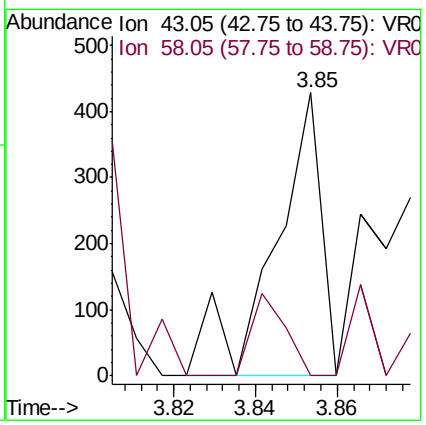


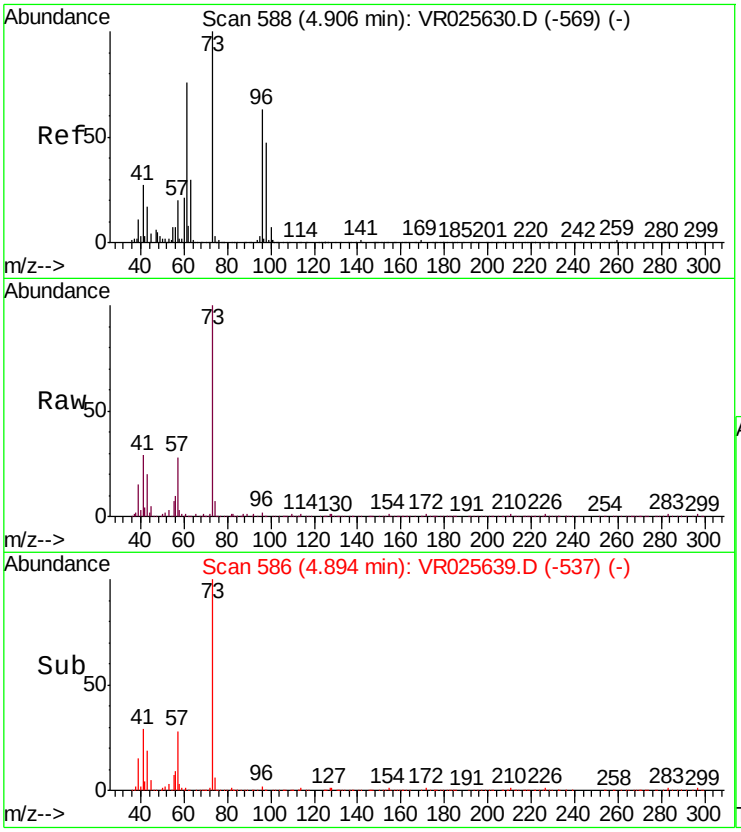


#13
Acetone
Concen: 0.227 ug/L
RT: 3.85 min Scan# 415
Delta R.T. 0.15 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Tgt Ion: 43 Resp: 345

Ion	Ratio	Lower	Upper
43	100		
58	14.5	0.0	63.4



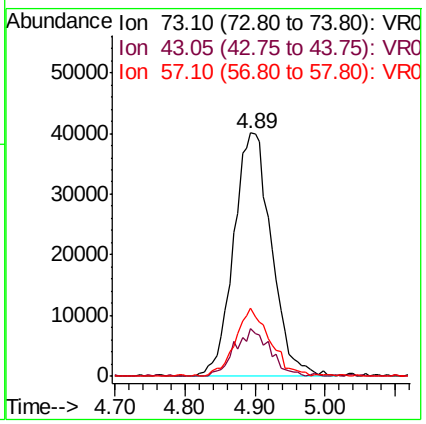


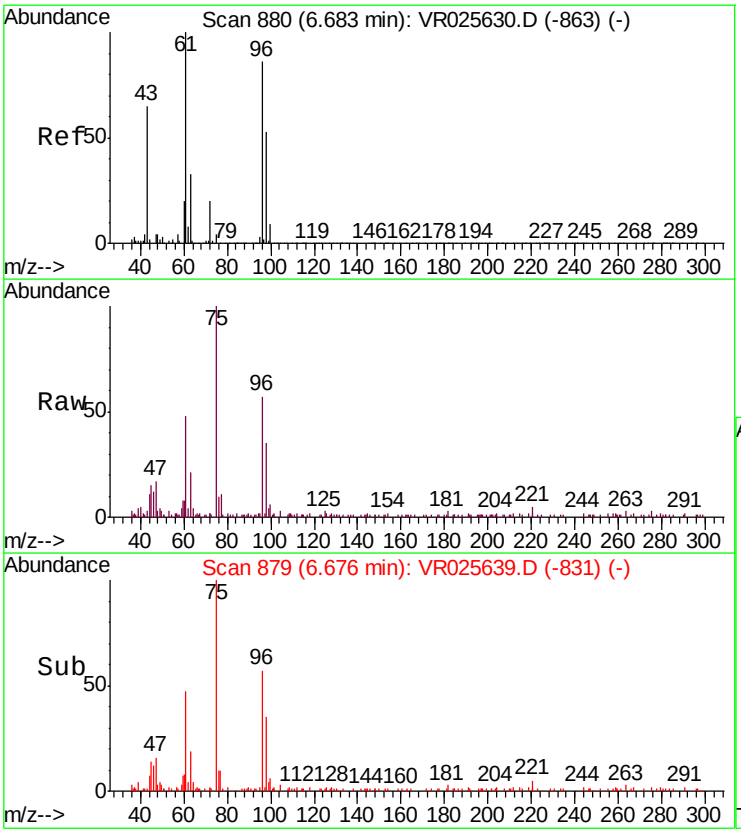
#17
Methyl tert-butyl Ether
Concen: 3.796 ug/L
RT: 4.89 min Scan# 586
Delta R.T. 0.00 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Instrument :
MSVOA_R
ClientSampleId :
H0K17MSD

Tgt Ion: 73 Resp: 150304

Ion	Ratio	Lower	Upper
73	100		
43	18.2	14.8	22.2
57	25.0	19.9	29.9

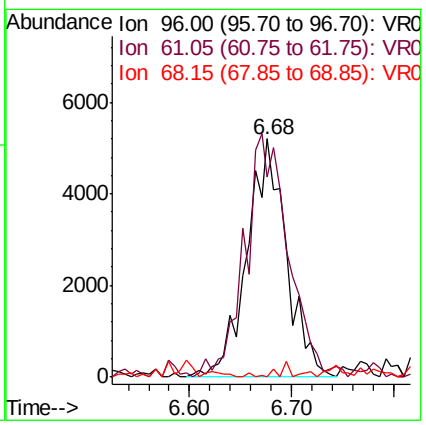


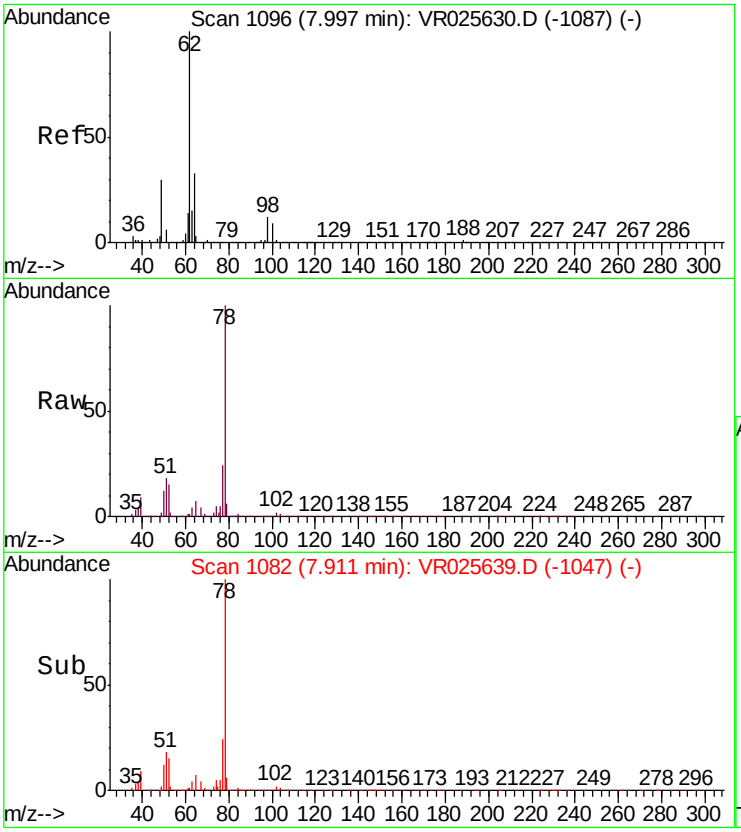


#22
cis-1,2-Dichloroethene
Concen: 0.397 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.01 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Tgt Ion: 96 Resp: 13912

Ion	Ratio	Lower	Upper
96	100		
61	84.3	76.7	142.5
68	0.0	0.1	0.3#



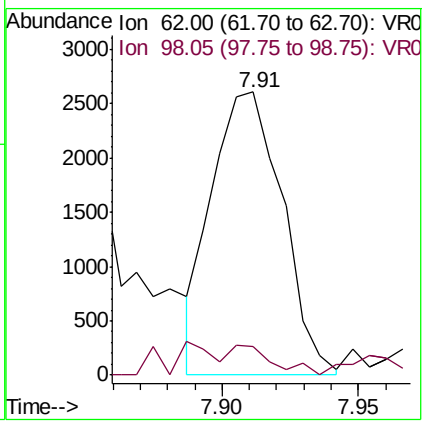


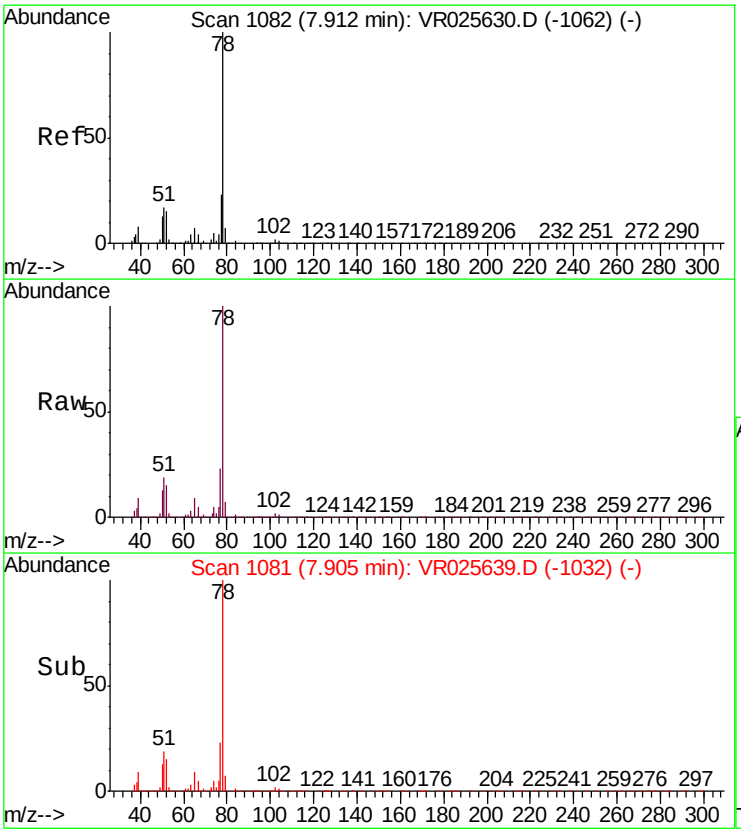
#27
1,2-Dichloroethane
Concen: 0.229 ug/L
RT: 7.91 min Scan# 1082
Delta R.T. -0.09 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Instrument : MSVOA_R
ClientSampleId : H0K17MSD

Tgt Ion: 62 Resp: 4683

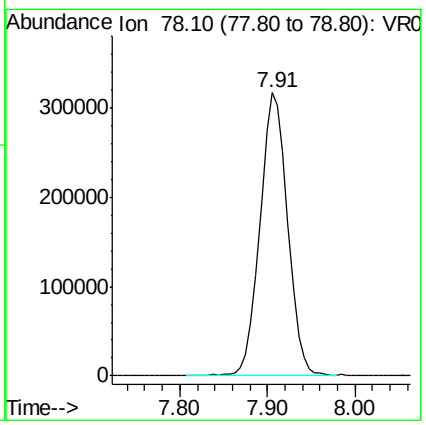
Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.1	10.7

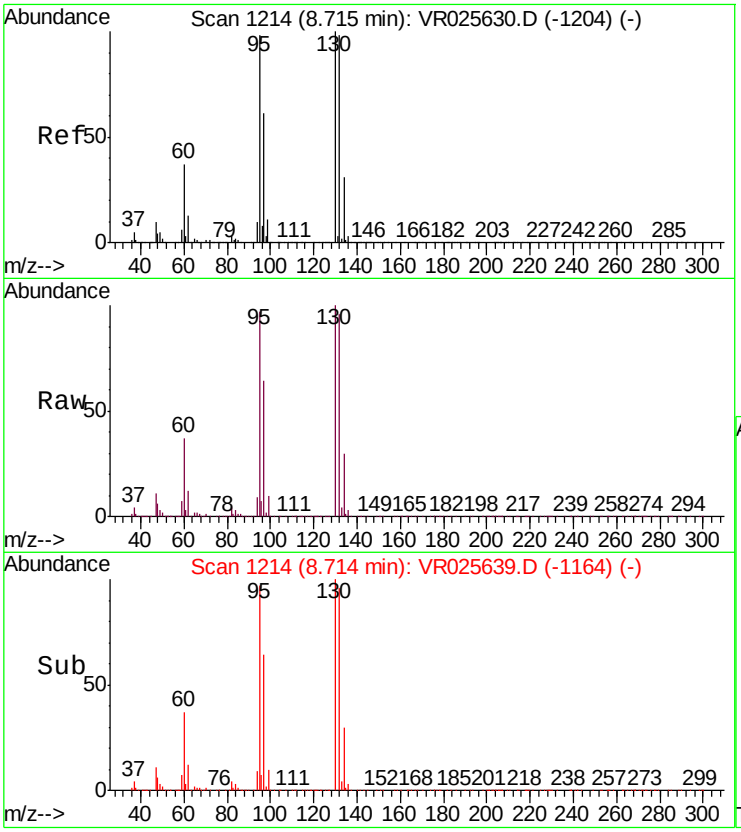




#33
Benzene
Concen: 4.487 ug/L
RT: 7.91 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Tgt Ion: 78 Resp: 695499



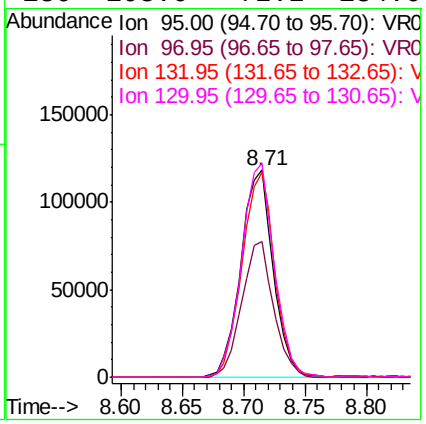


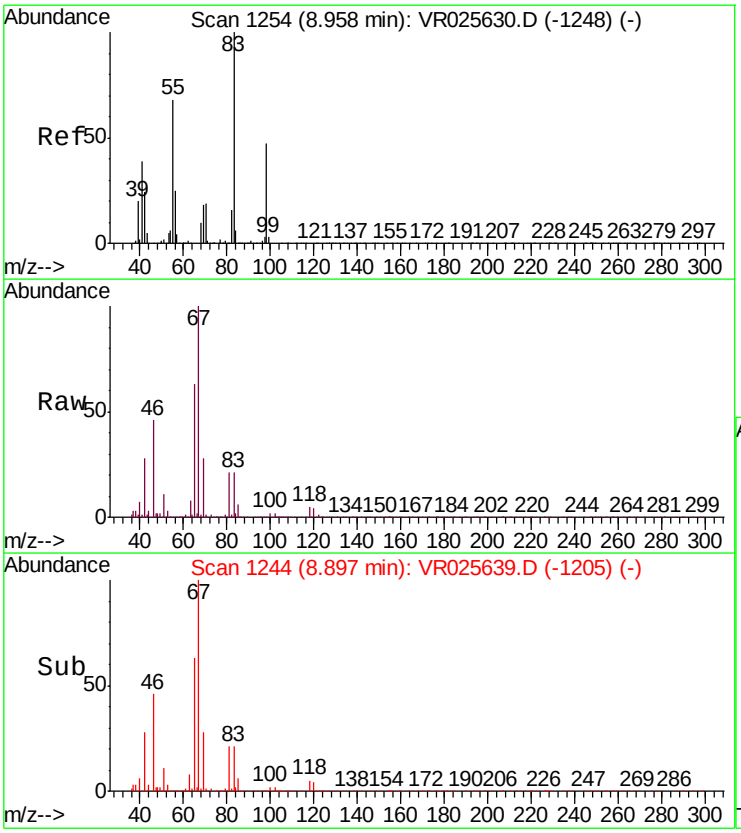
#34
Trichloroethene
Concen: 6.125 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Instrument : MSVOA_R
ClientSampleId : H0K17MSD

Tgt Ion: 95 Resp: 217435

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.7	84.9
132	99.0	66.6	123.6
130	103.0	72.2	134.0

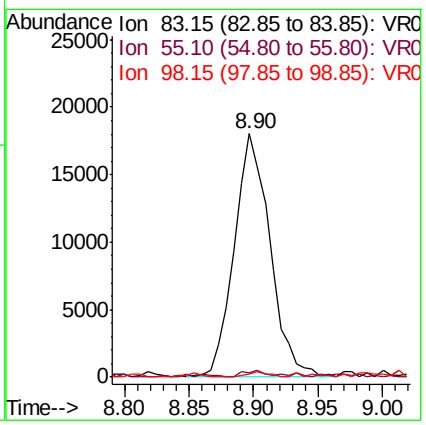


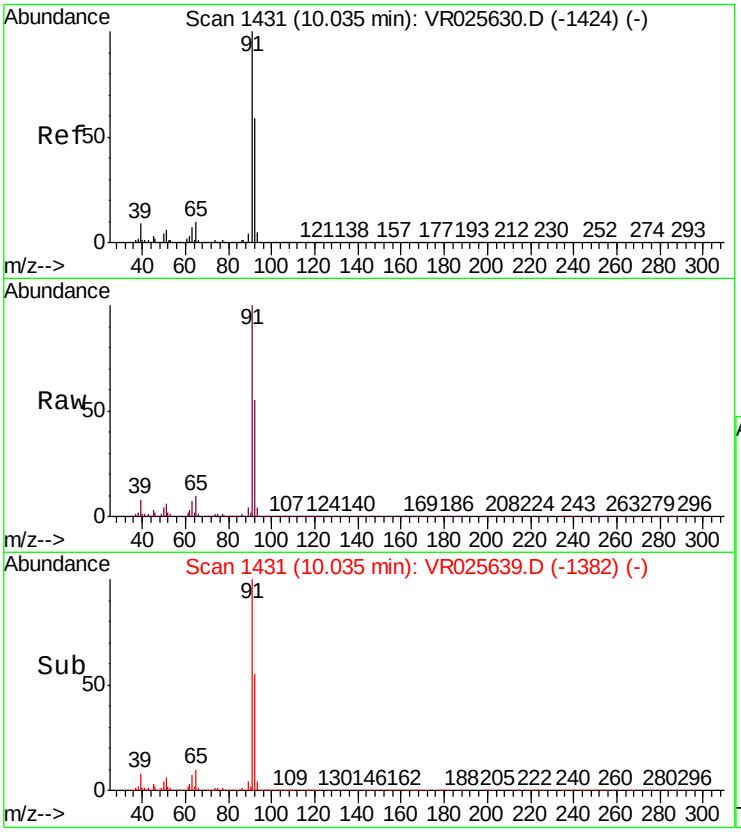


#35
Methylcyclohexane
Concen: 0.602 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Tgt Ion: 83 Resp: 34760

Ion	Ratio	Lower	Upper
83	100		
55	1.6	56.7	85.1#
98	1.2	35.8	53.8#



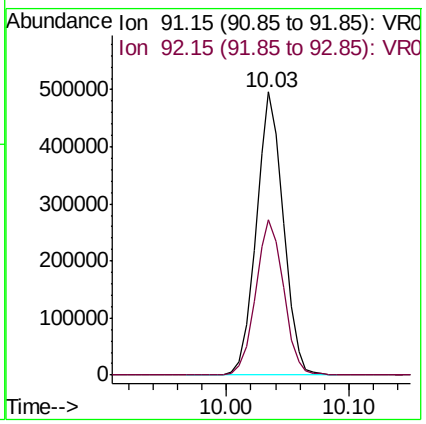


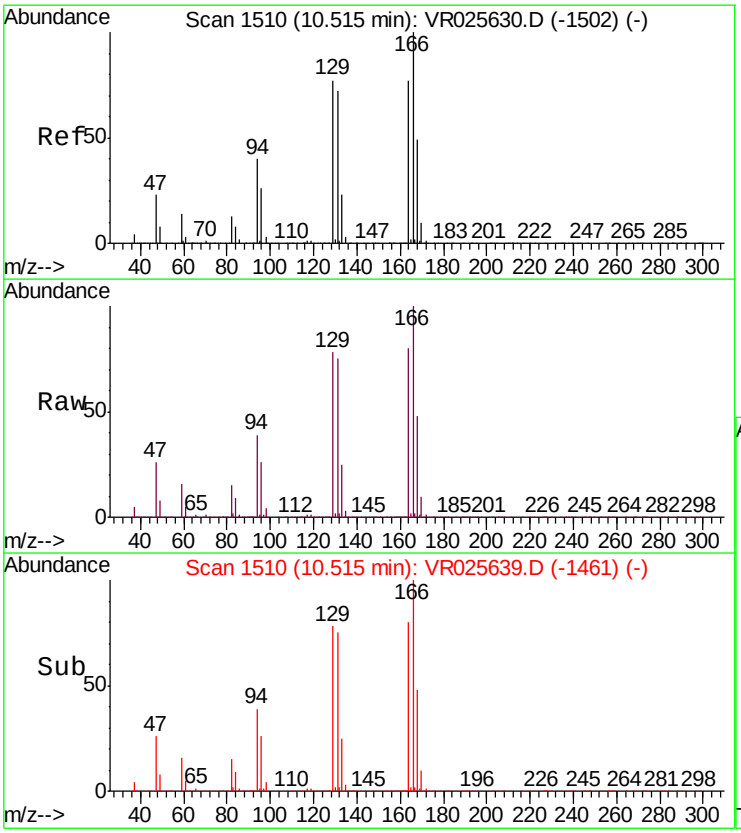
#42
Toluene
Concen: 5.025 ug/L
RT: 10.03 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Instrument : MSVOA_R
ClientSampleId : H0K17MSD

Tgt Ion: 91 Resp: 764254

Ion	Ratio	Lower	Upper
91	100		
92	54.9	42.0	78.0

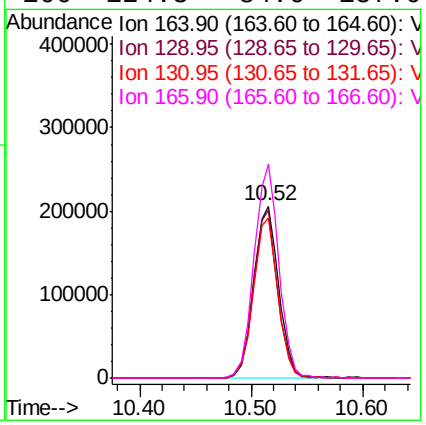


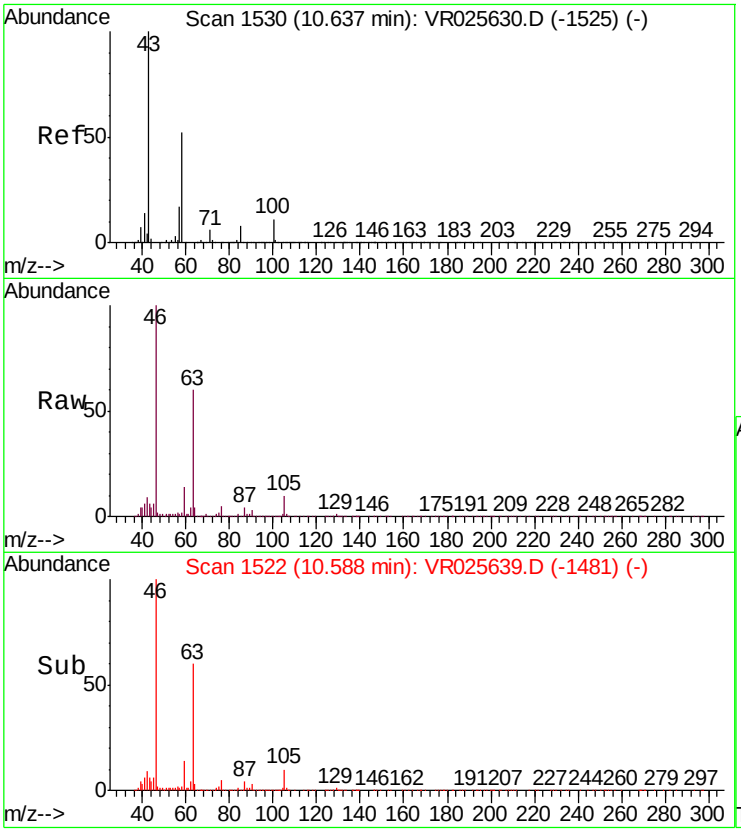


#47
Tetrachloroethene
Concen: 11.779 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Tgt Ion:164 Resp: 319772

Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.7	127.5
131	92.9	66.4	123.4
166	124.3	84.6	157.0



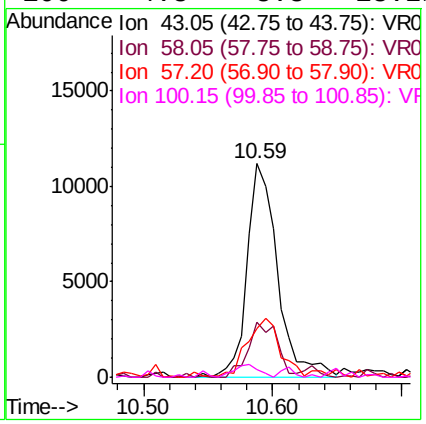


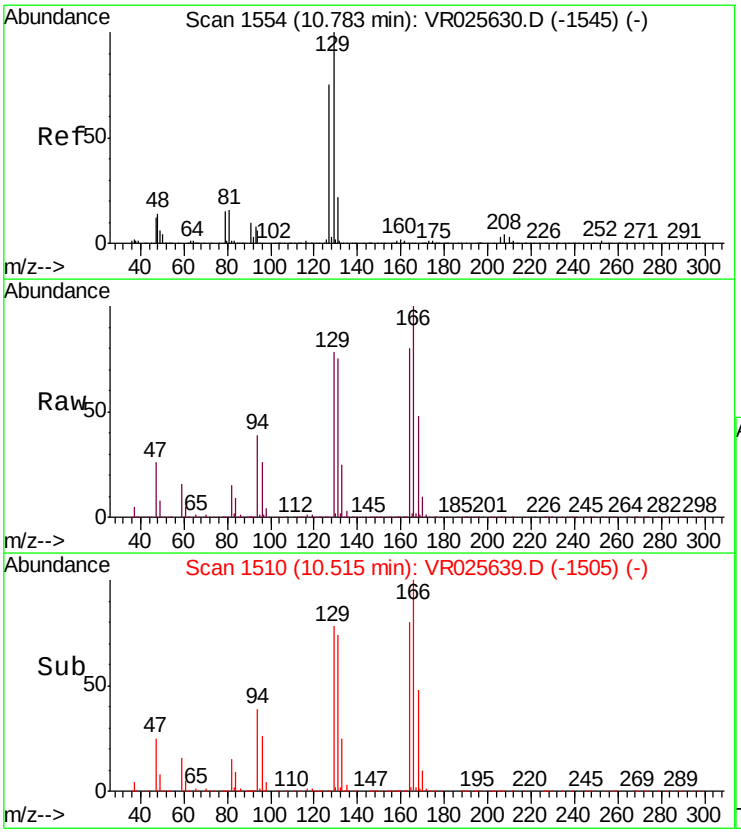
#48
2-Hexanone
Concen: 3.159 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Instrument : MSVOA_R
ClientSampleId : H0K17MSD

Tgt Ion: 43 Resp: 18146

Ion	Ratio	Lower	Upper
43	100		
58	25.0	46.4	69.6#
57	30.2	14.3	21.5#
100	4.8	8.8	13.2#

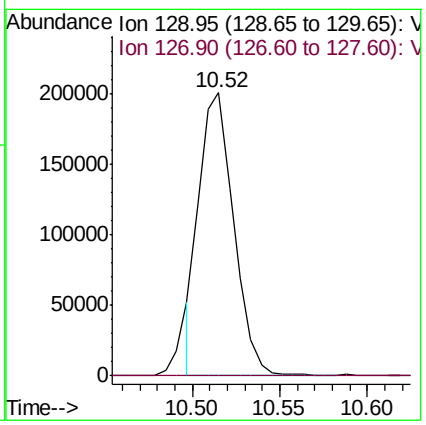


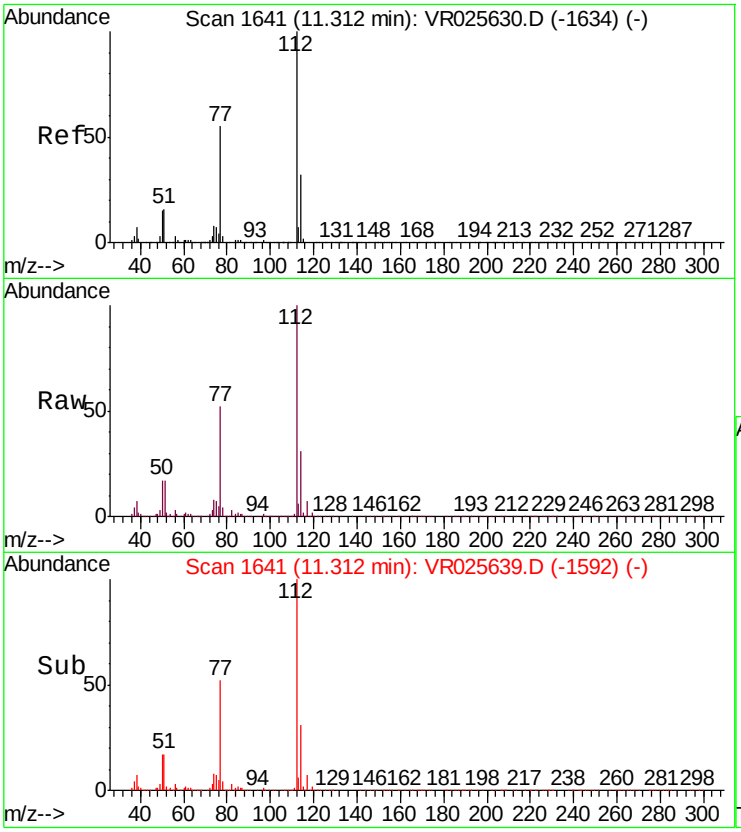


#49
Dibromochloromethane
Concen: 16.900 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.27 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Tgt Ion:129 Resp: 273374

Ion	Ratio	Lower	Upper
129	100		
127	0.2	51.6	95.8#



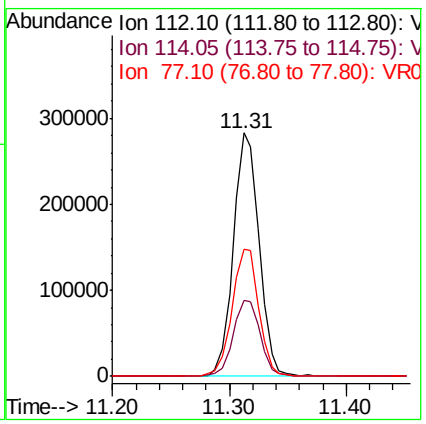


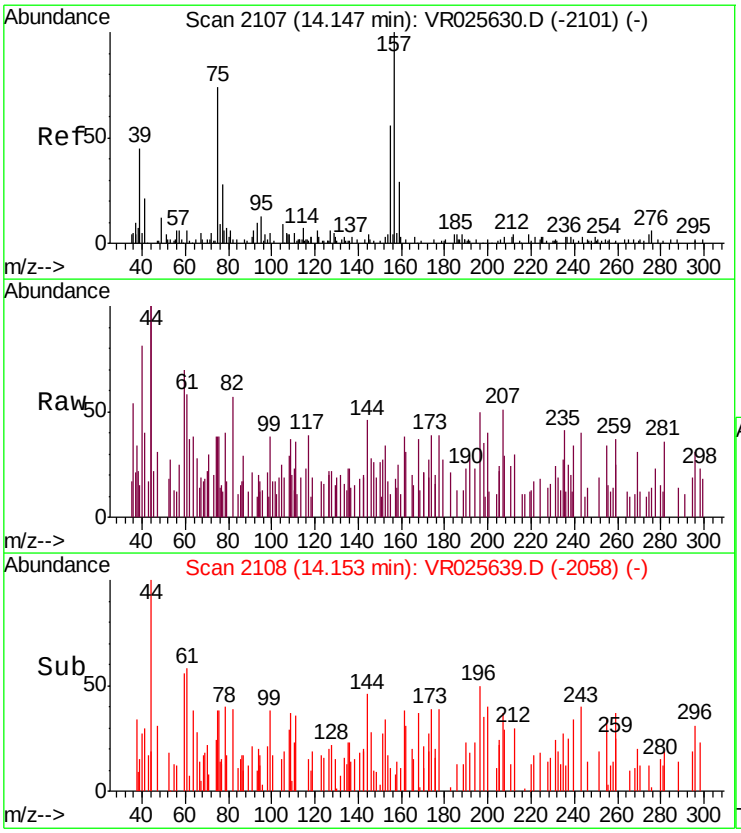
#51
Chlorobenzene
Concen: 4.594 ug/L
RT: 11.31 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Instrument : MSVOA_R
ClientSampleId : H0K17MSD

Tgt Ion:112 Resp: 434931

Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.8	40.4
77	52.3	43.0	64.4





#66
1,2-Dibromo-3-chloropropane
Concen: 0.311 ug/L
RT: 14.15 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VR025639.D
Acq: 24 Aug 2018 17:29

Tgt Ion: 75 Resp: 281

Ion	Ratio	Lower	Upper
75	100		
155	14.4	55.2	82.8#
157	24.1	89.4	134.2#