Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080718\
Data File : VV006925.D
Acq On : 08 Aug 2018 03:57
Operator : SY/MD
Sample : J4357-11
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 08 07:12:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 07:06:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190244	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65500	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72836	6.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 127.80%			
7) Chloroethane-d5	1.58	69	57515	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.00%			
11) 1,1-Dichloroethene-d2	2.13	63	87438	3.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.60%			
20) 2-Butanone-d5	3.97	46	219966	60.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.86%			
24) Chloroform-d	4.41	84	126929	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.09	65	71887	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.60%			
32) Benzene-d6	5.10	84	237673	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.60%			
36) 1,2-Dichloropropane-d6	6.13	67	85925	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.00%			
41) Toluene-d8	7.37	98	168601	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	7.67	79	22474	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.15	63	104715	49.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.08%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67282	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	61793	5.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1129220	63.145	ug/L	99
8) Chloroethane	1.55	64	102404	9.088	ug/L #	51
13) Acetone	2.21	43	4436	1.867	ug/L	80
14) Carbon disulfide	2.36	76	28371	0.734	ug/L #	83
17) Methyl tert-butyl Ether	2.82	73	7337	0.225	ug/L #	89
22) cis-1,2-Dichloroethene	3.97	96	341658	24.990	ug/L	99
34) Trichloroethene	5.96	95	12791	0.997	ug/L	96
35) Methylcyclohexane	6.13	83	19456	0.977	ug/L #	15
37) 1,2-Dichloropropane	6.13	63	9402	0.613	ug/L #	87
47) Tetrachloroethene	8.02	164	17209	1.763	ug/L	96
48) 2-Hexanone	8.20	43	10431	1.743	ug/L #	80
49) Dibromochloromethane	8.02	129	15724	1.545	ug/L #	9
53) m,p-xylene	9.18	106	3680	0.201	ug/L	78

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

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Quant Time: Aug 08 07:12:04 2018
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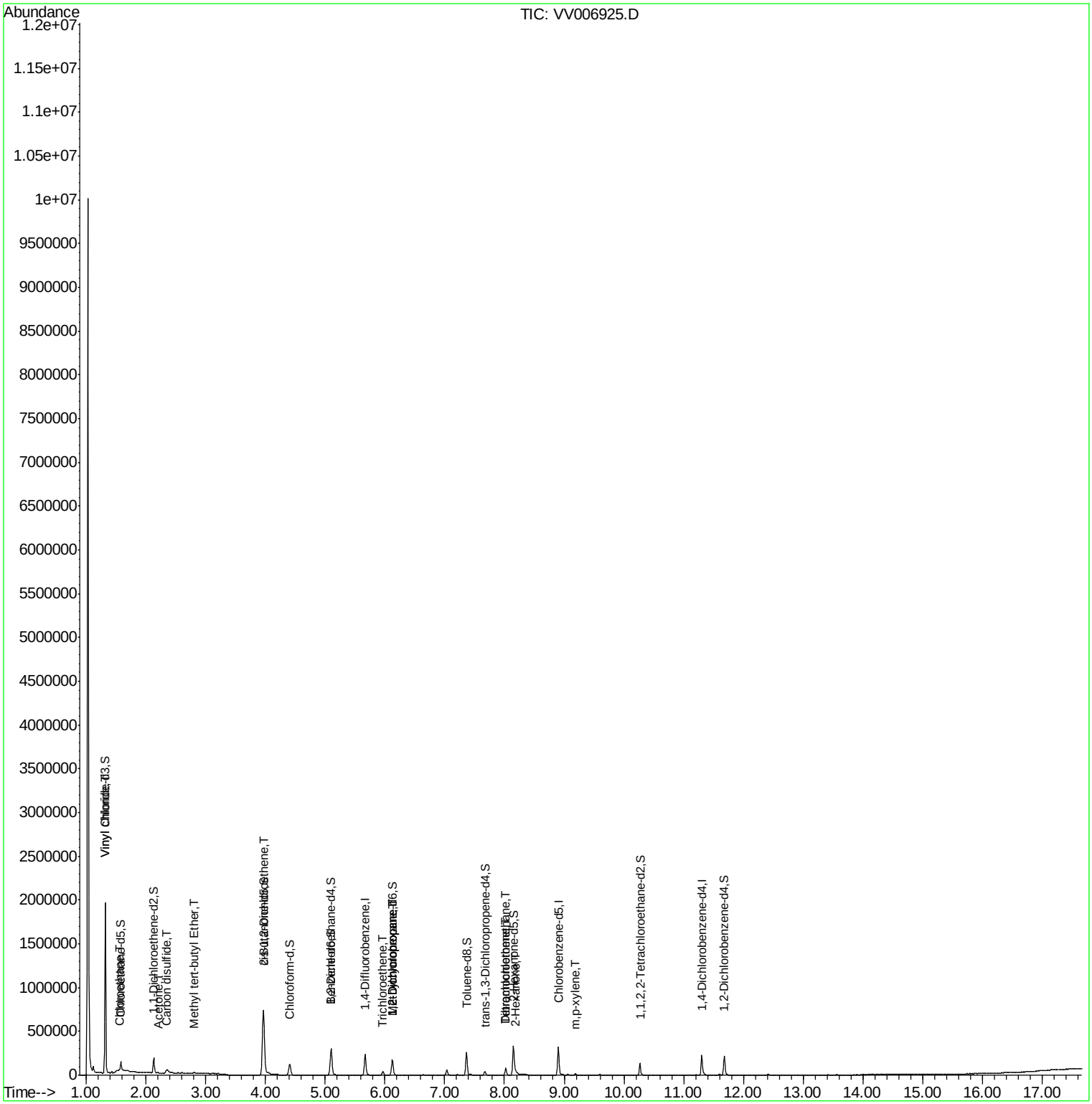
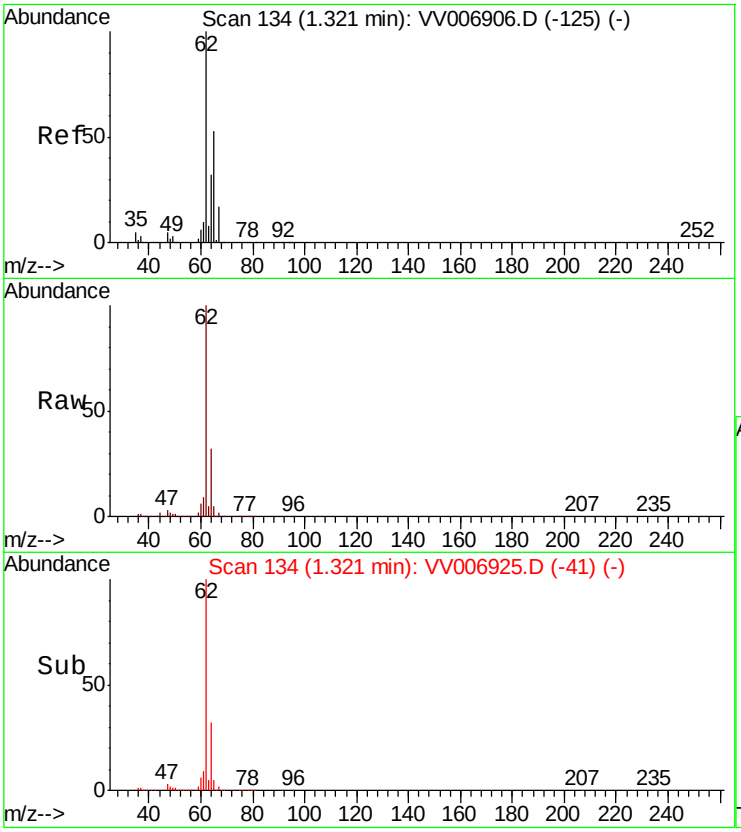
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 07:06:57 2018
Response via : Initial Calibration



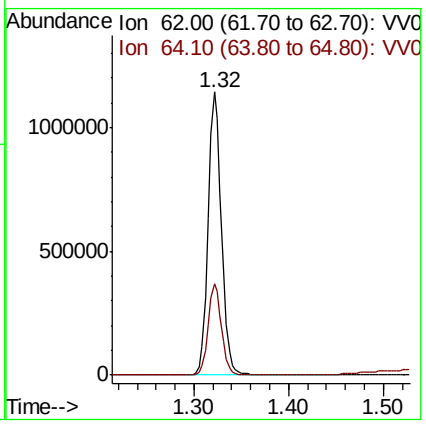


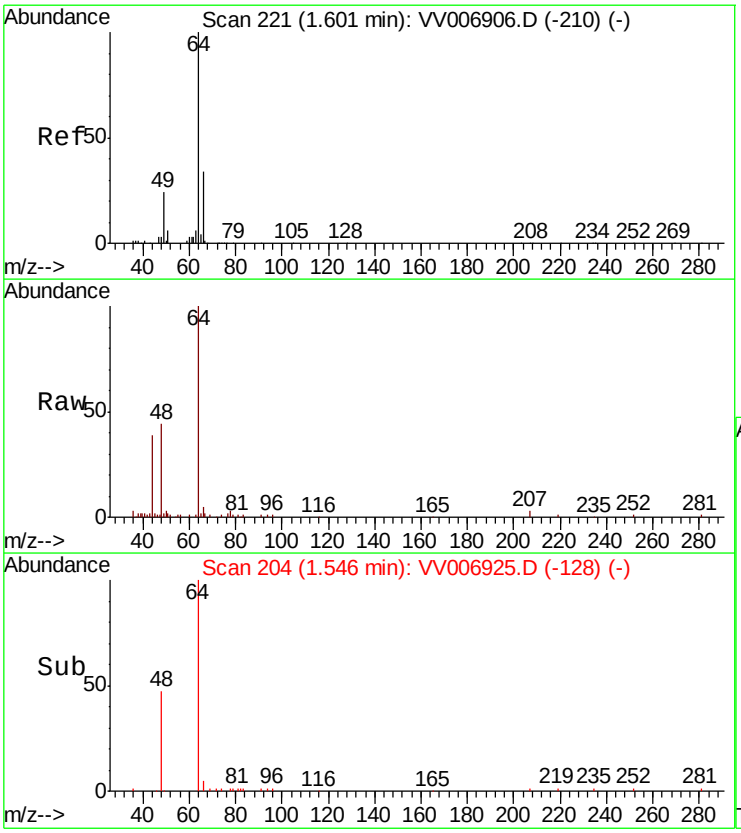
#5
Vinyl chloride
Concen: 63.145 ug/L
RT: 1.32 min Scan# 134
Delta R.T. 0.00 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 1129220

Ion	Ratio	Lower	Upper
62	100		
64	32.3	22.1	41.1

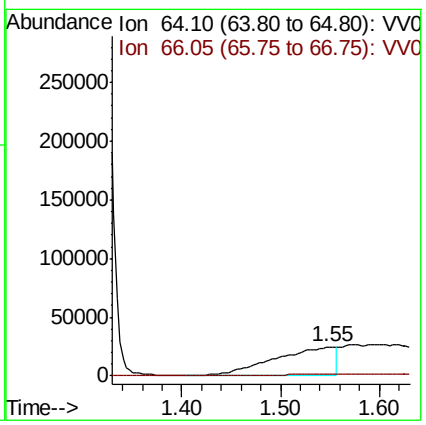


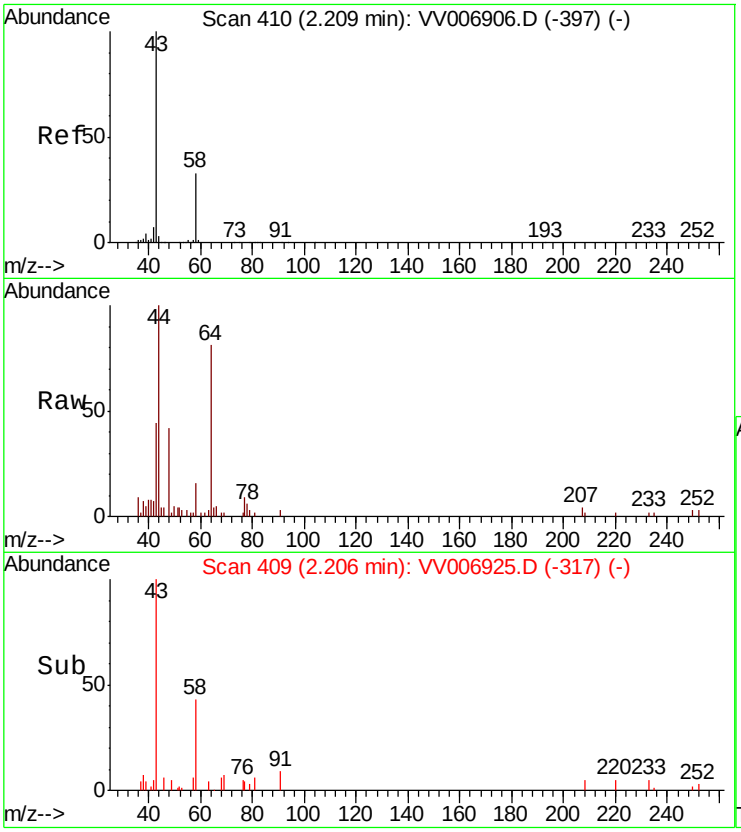


#8
Chloroethane
Concen: 9.088 ug/L
RT: 1.55 min Scan# 204
Delta R.T. -0.05 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Tgt Ion: 64 Resp: 102404

Ion	Ratio	Lower	Upper
64	100		
66	5.0	22.6	42.0#



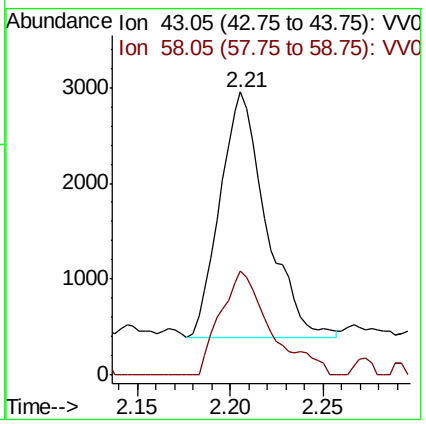


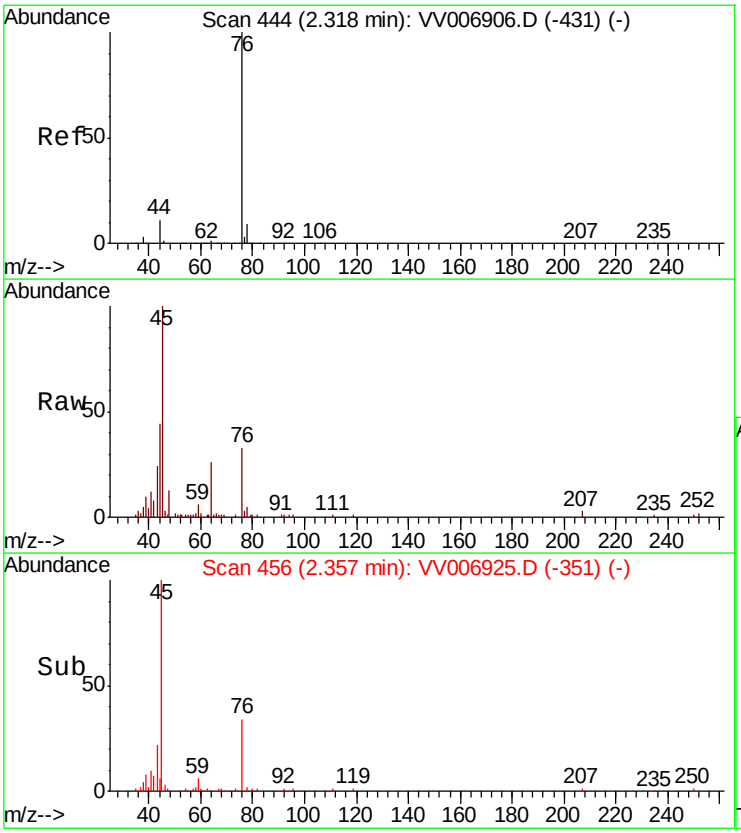
#13
Acetone
Concen: 1.867 ug/L
RT: 2.21 min Scan# 409
Delta R.T. -0.00 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 4436

Ion	Ratio	Lower	Upper
43	100		
58	45.7	0.0	68.0

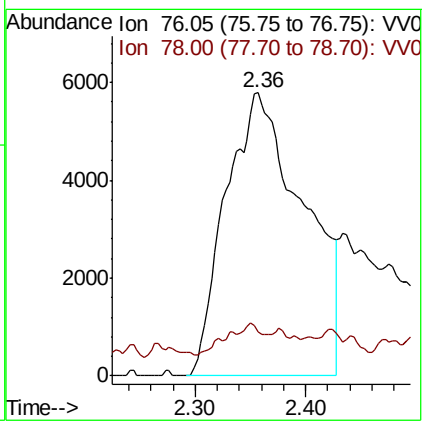


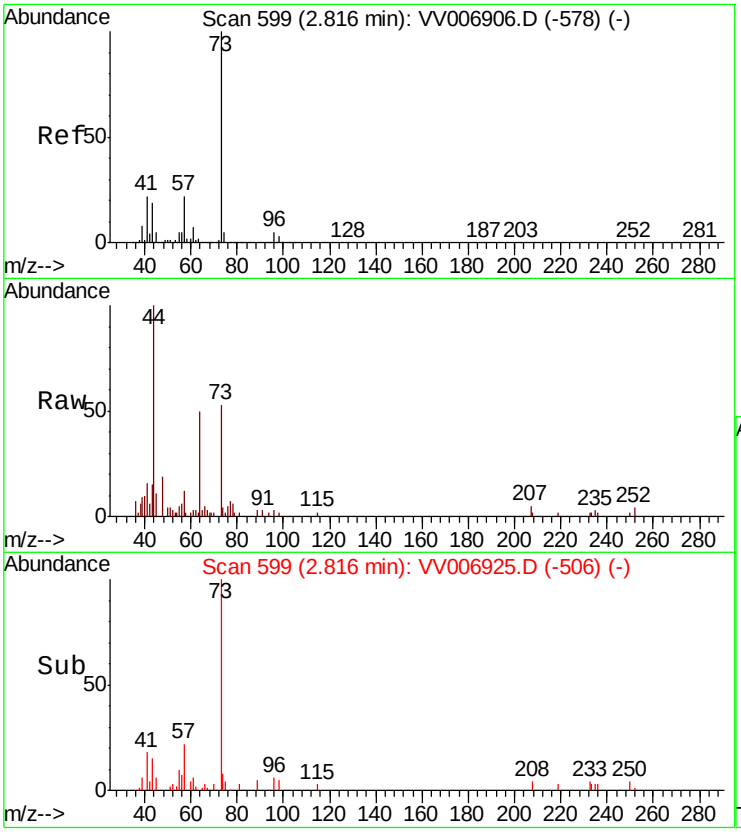


#14
Carbon disulfide
Concen: 0.734 ug/L
RT: 2.36 min Scan# 456
Delta R.T. 0.04 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Tgt Ion: 76 Resp: 28371

Ion	Ratio	Lower	Upper
76	100		
78	15.8	7.8	11.6#



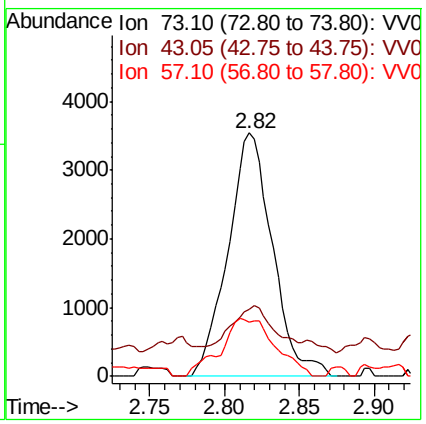


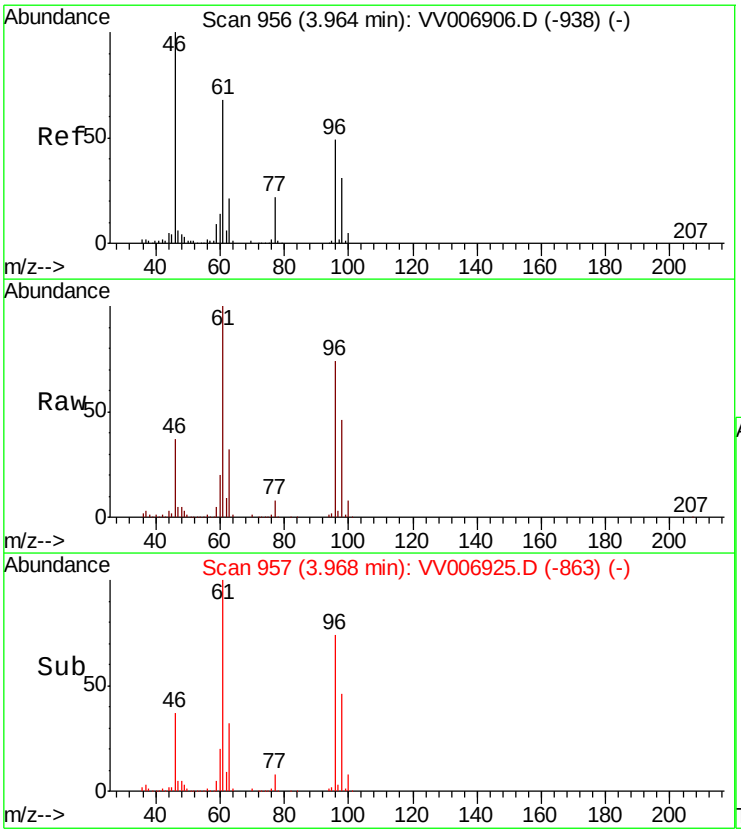
#17
Methyl tert-butyl Ether
Concen: 0.225 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 7337

Ion	Ratio	Lower	Upper
73	100		
43	14.2	15.3	22.9#
57	29.0	18.8	28.2#

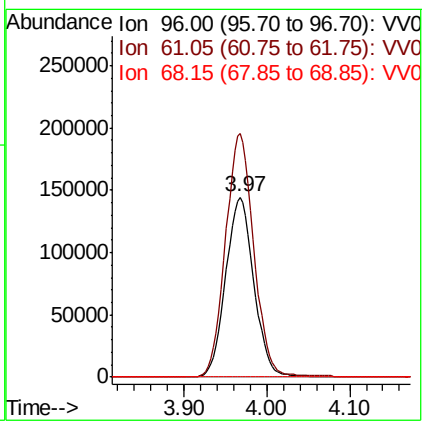


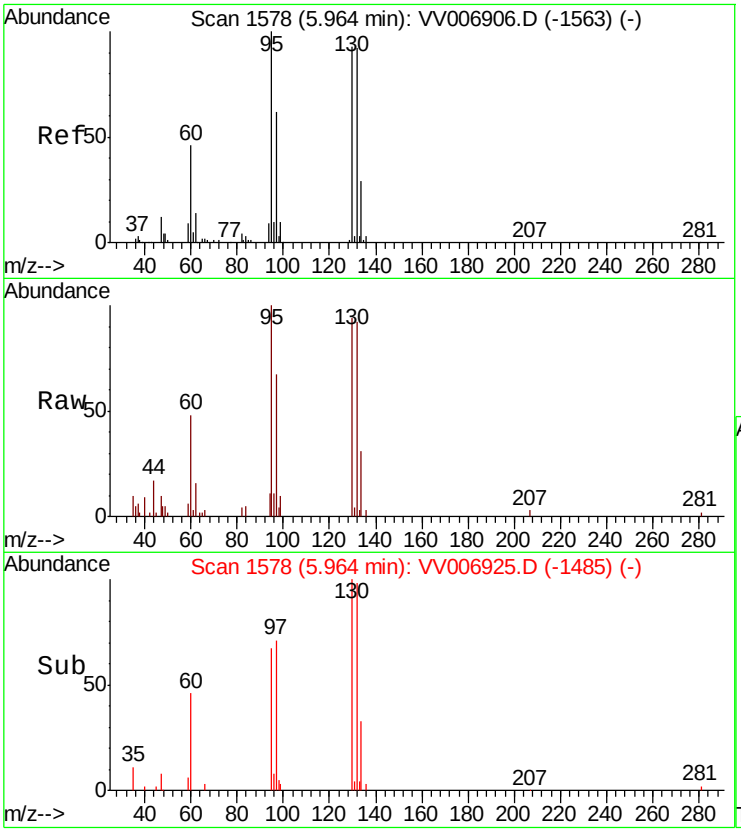


#22
cis-1,2-Dichloroethene
Concen: 24.990 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Tgt Ion: 96 Resp: 341658

Ion	Ratio	Lower	Upper
96	100		
61	135.5	95.5	177.4
68	0.0	0.0	0.0



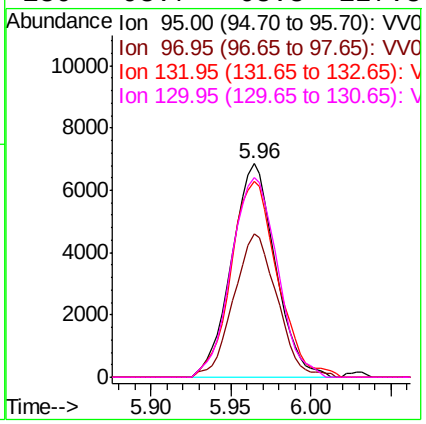


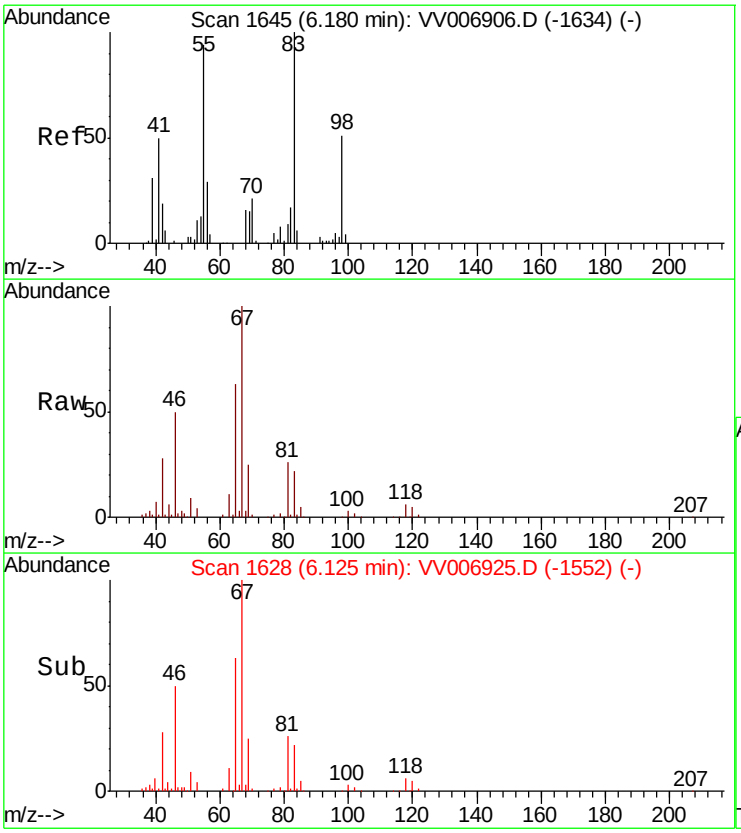
#34
Trichloroethene
Concen: 0.997 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 12791

Ion	Ratio	Lower	Upper
95	100		
97	67.0	44.4	82.4
132	91.7	65.6	121.8
130	93.7	68.8	127.8

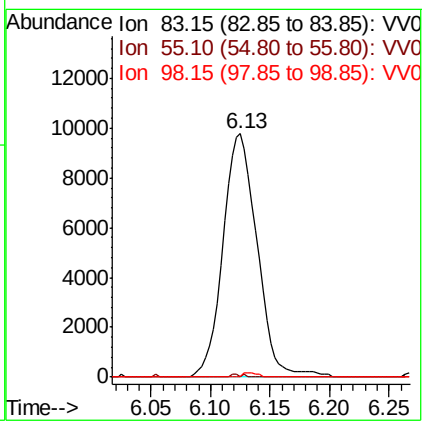


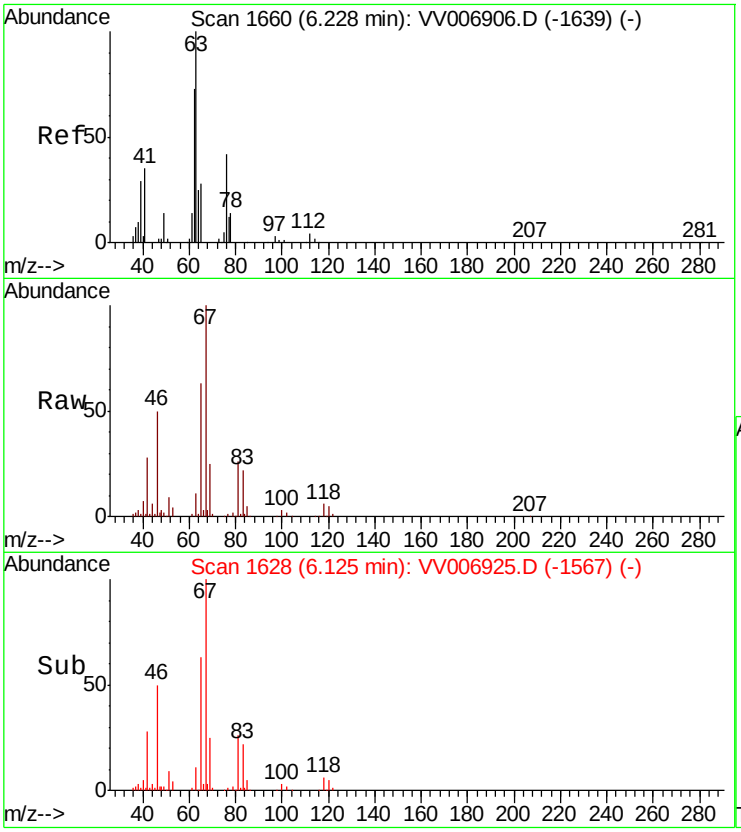


#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Tgt Ion: 83 Resp: 19456

Ion	Ratio	Lower	Upper
83	100		
55	0.3	69.8	104.8#
98	0.7	36.4	54.6#



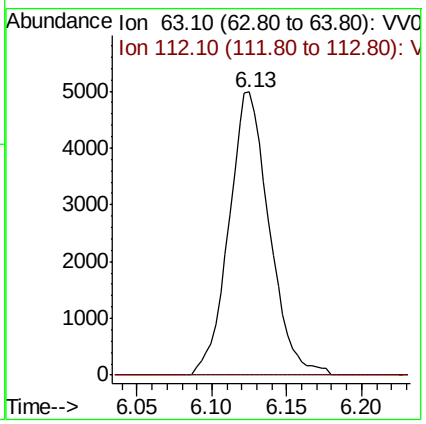


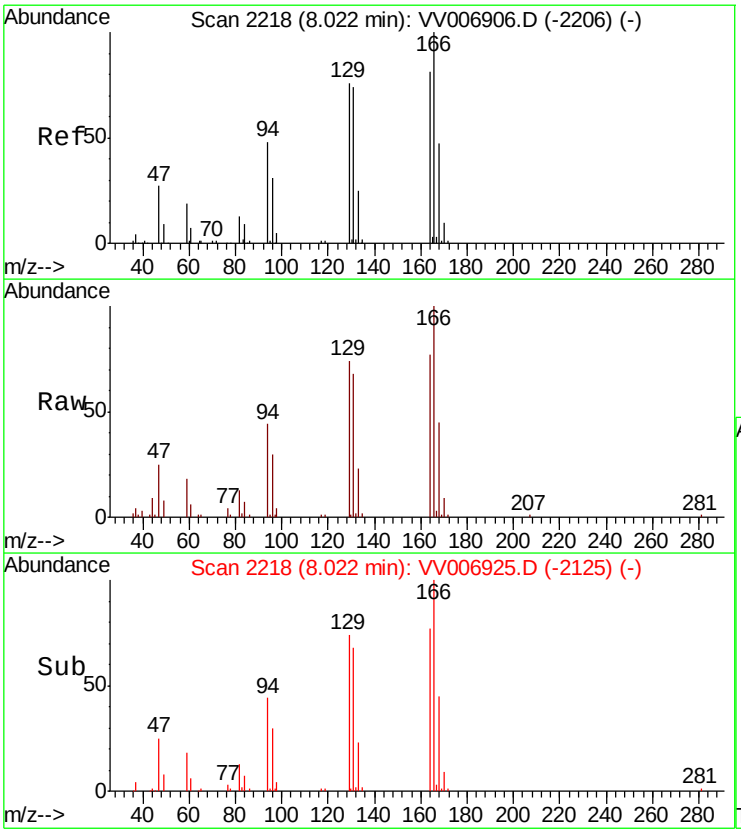
#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 9402

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.5	5.3#

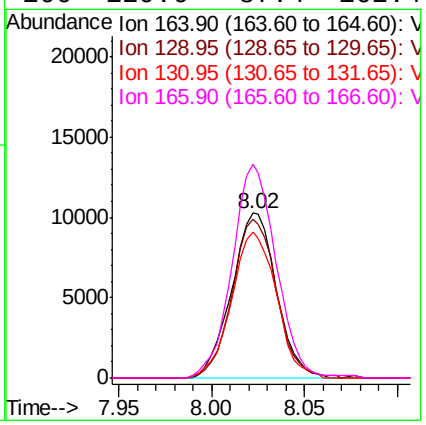


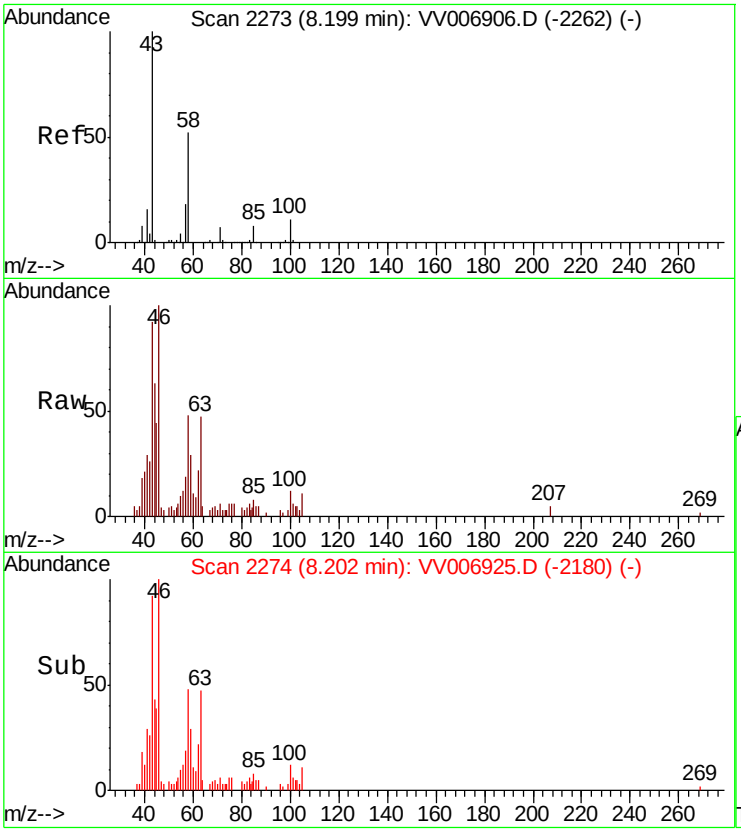


#47
Tetrachloroethene
Concen: 1.763 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Tgt Ion:164 Resp: 17209

Ion	Ratio	Lower	Upper
164	100		
129	96.0	63.1	117.3
131	88.6	62.3	115.7
166	129.6	87.4	162.4



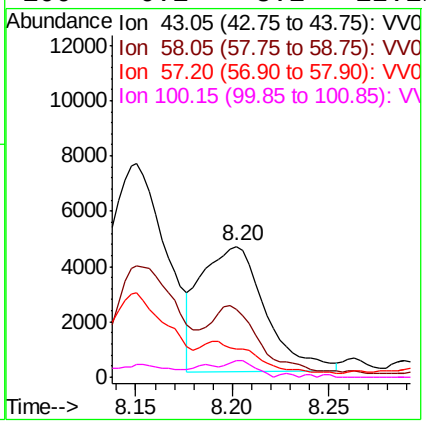


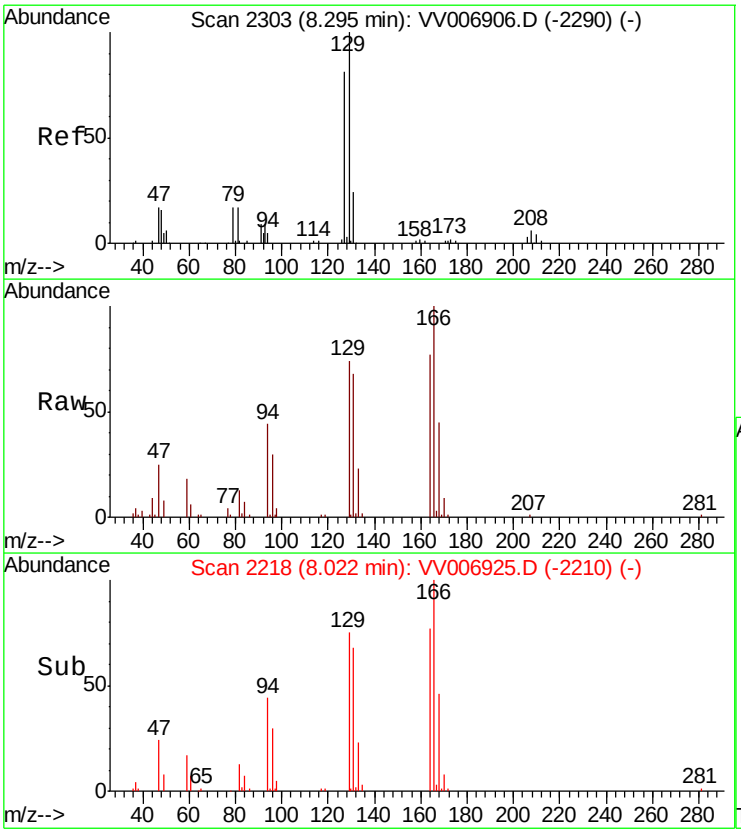
#48
2-Hexanone
Concen: 1.743 ug/L
RT: 8.20 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 10431

Ion	Ratio	Lower	Upper
43	100		
58	41.5	42.0	63.0#
57	0.0	14.1	21.1#
100	6.1	8.1	12.1#

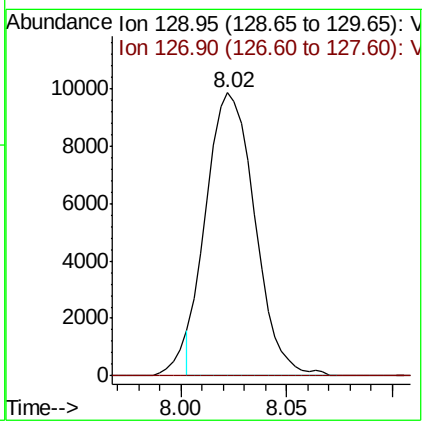


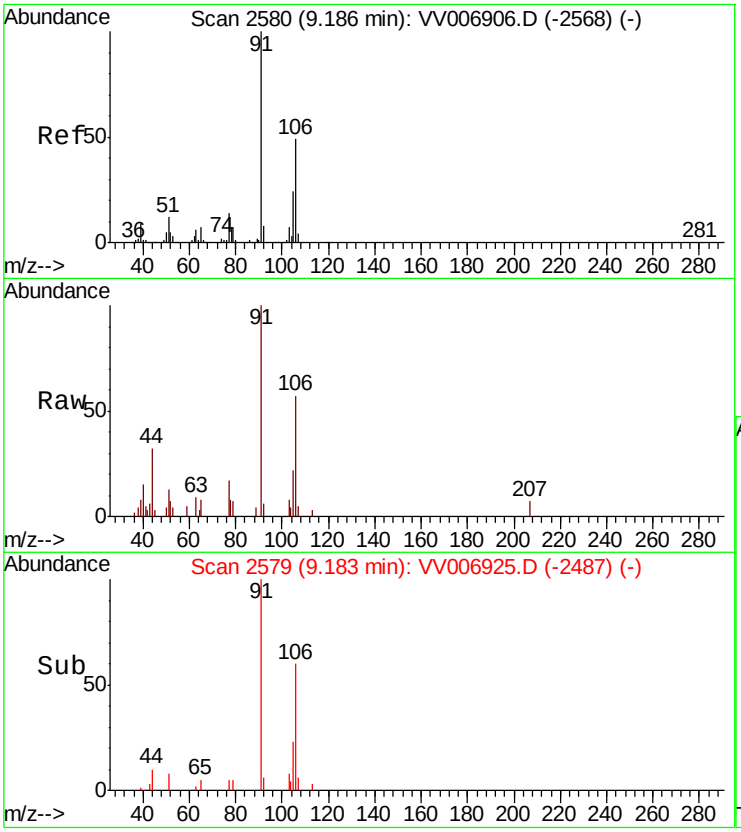


#49
Dibromochloromethane
Concen: 1.545 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Tgt Ion:129 Resp: 15724

Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.0	105.8#





#53
m,p-xylene
Concen: 0.201 ug/L
RT: 9.18 min Scan# 2579
Delta R.T. -0.00 min
Lab File: VV006925.D
Acq: 08 Aug 2018 03:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 3680

Ion	Ratio	Lower	Upper
106	100		
91	175.9	147.7	274.3