Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071218\
Data File : VR025456.D
Acq On : 12 Jul 2018 17:33
Operator : SY/MD
Sample : J3960-02MS
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : C0AF9MS

Quant Time: Jul 13 00:38:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 00:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	739788	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	597524	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	201826	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	105223	5.16	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.20%			
7) Chloroethane-d5	2.62	69	86728	4.99	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	3.63	63	310743	5.03	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.60%			
20) 2-Butanone-d5	6.59	46	305949	48.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.60%			
24) Chloroform-d	7.20	84	471883	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	7.89	65	178520	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	7.86	84	1025635	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
36) 1,2-Dichloropropane-d6	8.90	67	289510	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	9.97	98	872457	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	10.24	79	74879	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	10.59	63	267153	53.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.56%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	120839	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	188867	5.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.40%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.65	96	109803	4.965	ug/L	96
13) Acetone	3.70	43	2173	0.761	ug/L	83
19) 1,1-Dichloroethane	5.70	63	34299	0.363	ug/L #	90
22) cis-1,2-Dichloroethene	6.67	96	80808	1.600	ug/L #	90
27) 1,2-Dichloroethane	7.90	62	8522	0.210	ug/L	97
33) Benzene	7.91	78	1051732	5.106	ug/L	100
34) Trichloroethene	8.71	95	411819	7.854	ug/L	99
35) Methylcyclohexane	8.90	83	66415	0.947	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	30749	0.642	ug/L #	92
42) Toluene	10.03	91	1064193	5.313	ug/L	99
48) 2-Hexanone	10.59	43	32073	3.361	ug/L #	64
51) Chlorobenzene	11.31	112	605846	4.968	ug/L	98

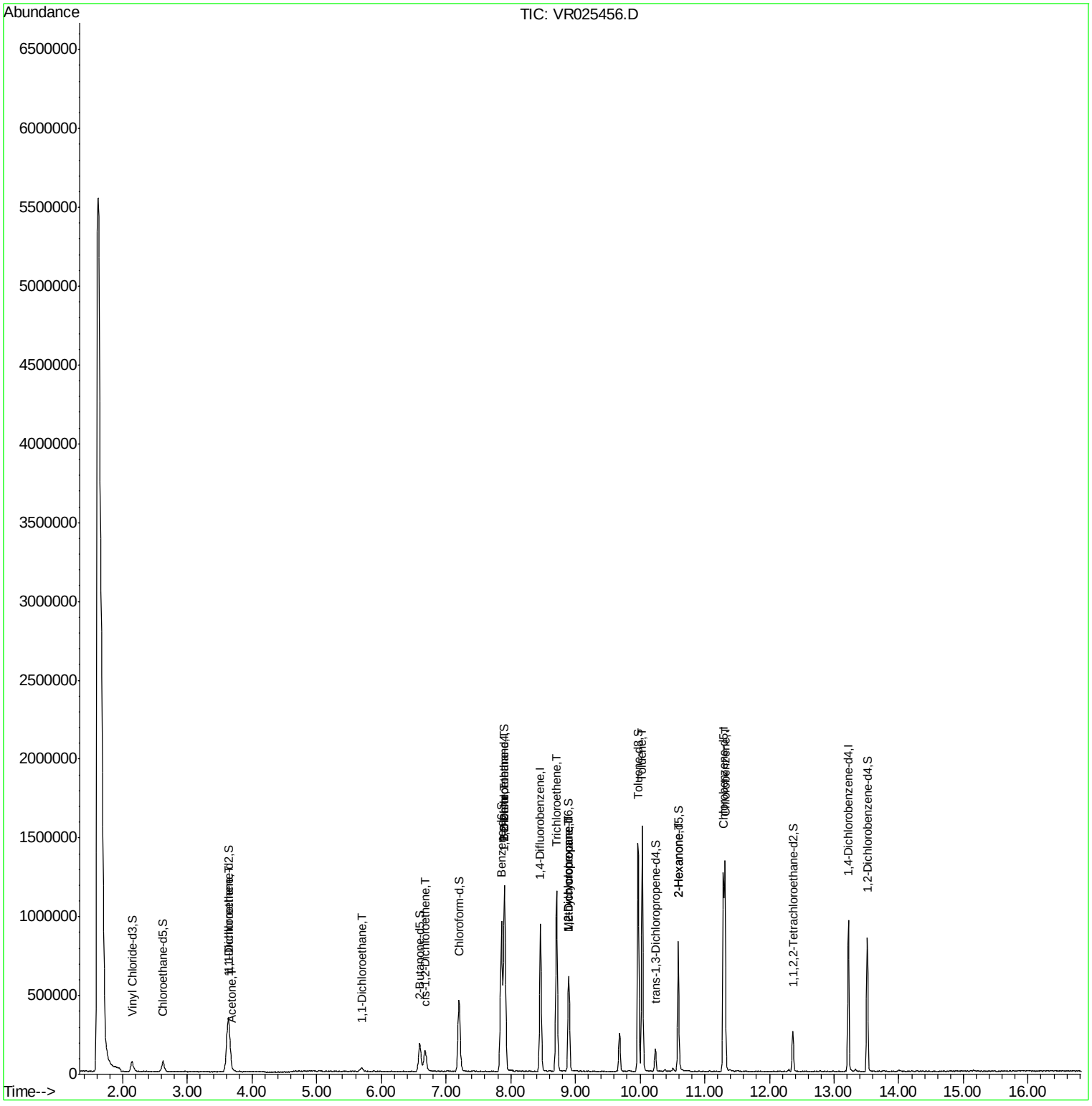
(#) = qualifier out of range (m) = manual integration (+) = signals summed

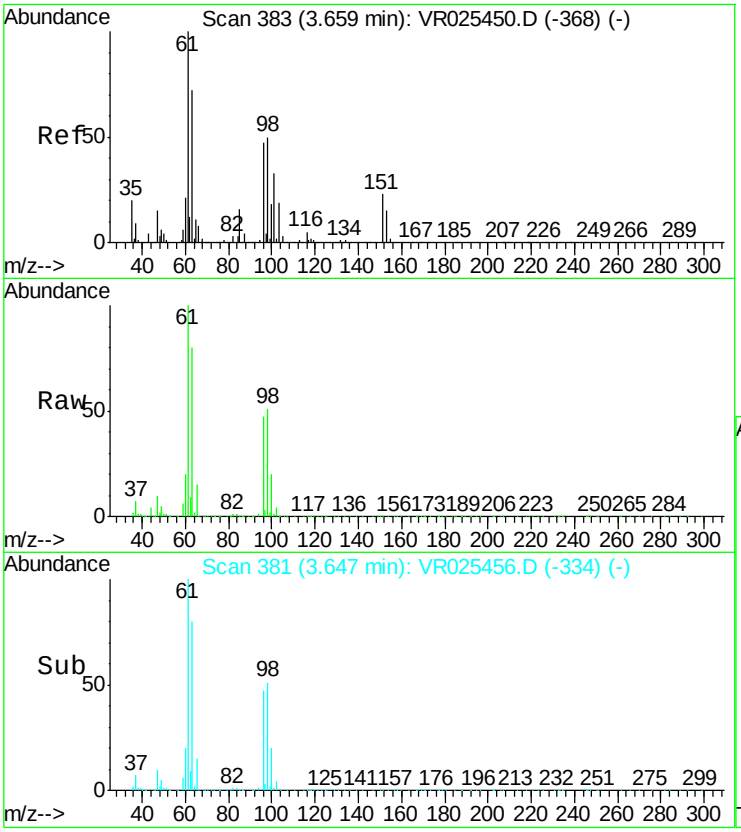
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071218\
Data File : VR025456.D
Acq On : 12 Jul 2018 17:33
Operator : SY/MD
Sample : J3960-02MS
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : C0AF9MS

Quant Time: Jul 13 00:38:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 00:37:37 2018
Response via : Initial Calibration



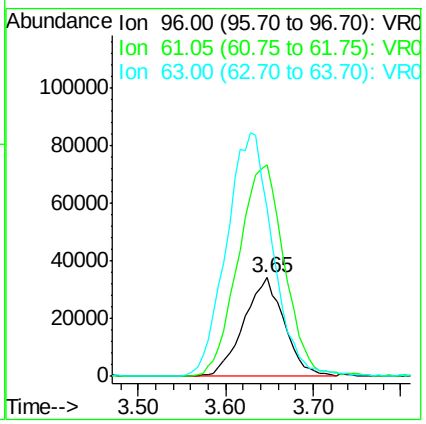


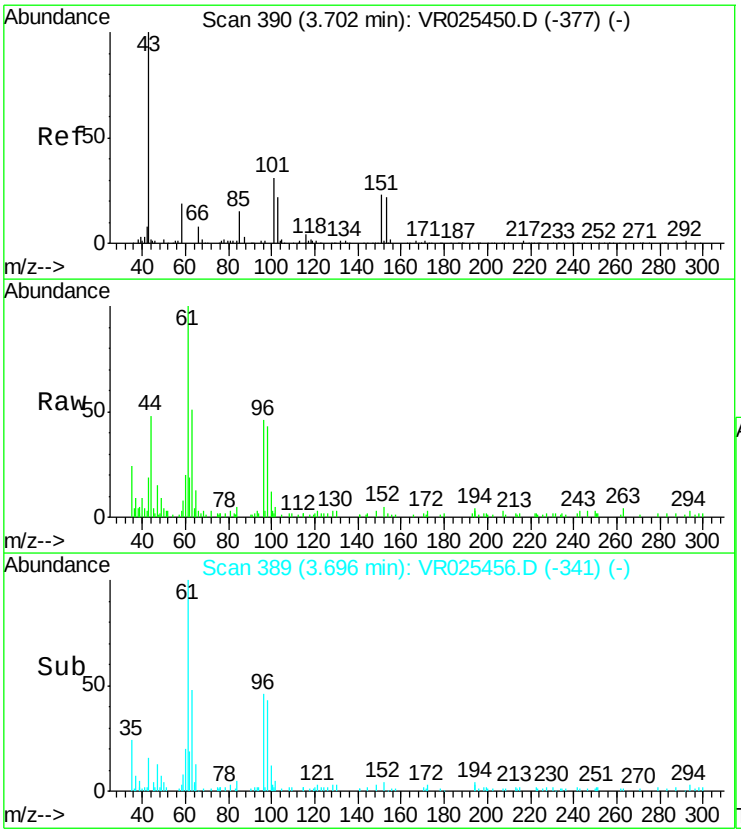
#12
1,1-Dichloroethene
Concen: 4.965 ug/L
RT: 3.65 min Scan# 381
Delta R.T. -0.01 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Instrument :
MSVOA_R
ClientSampleId :
C0AF9MS

Tgt Ion: 96 Resp: 109803

Ion	Ratio	Lower	Upper
96	100		
61	214.0	155.0	287.9
63	170.8	122.3	227.1

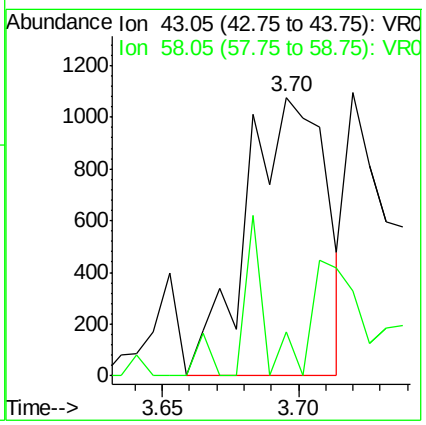


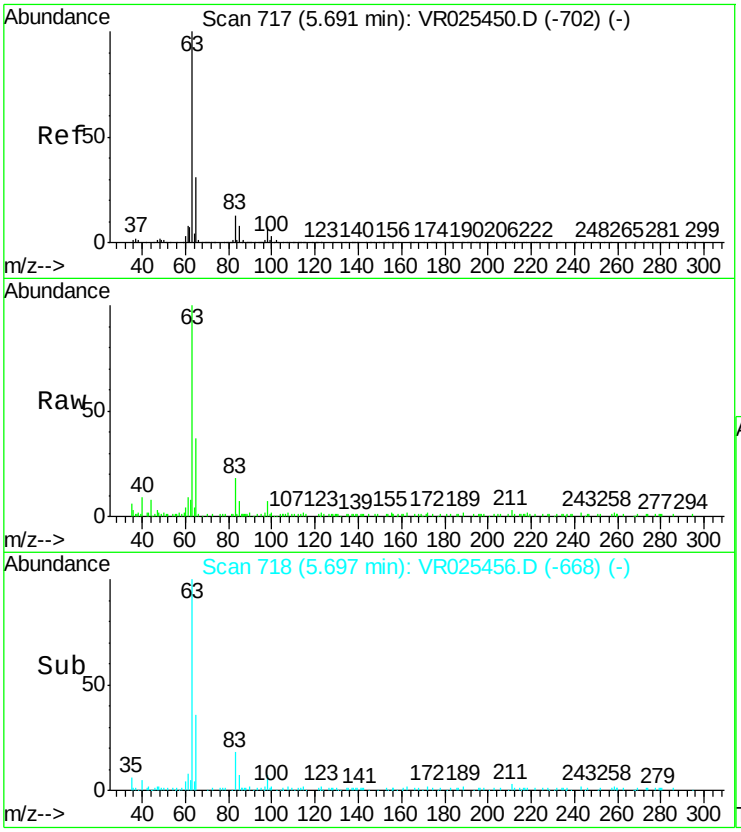


#13
Acetone
Concen: 0.761 ug/L
RT: 3.70 min Scan# 389
Delta R.T. -0.01 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Tgt Ion: 43 Resp: 2173

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	41.6



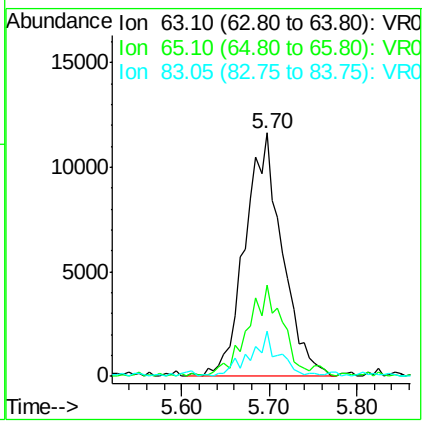


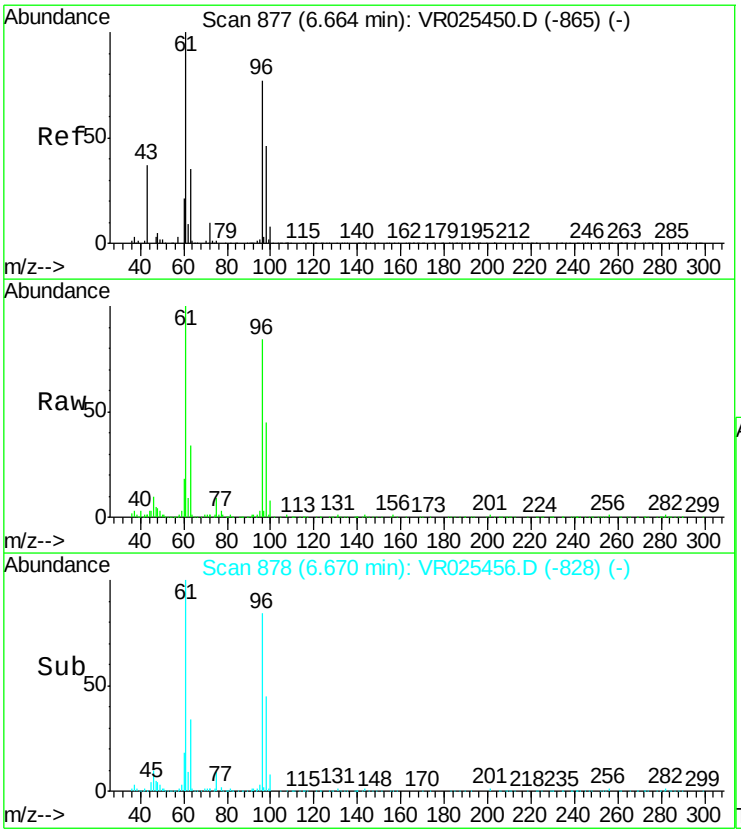
#19
1,1-Dichloroethane
Concen: 0.363 ug/L
RT: 5.70 min Scan# 718
Delta R.T. 0.01 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Instrument : MSVOA_R
ClientSampleId : C0AF9MS

Tgt Ion: 63 Resp: 34299

Ion	Ratio	Lower	Upper
63	100		
65	37.5	22.5	41.7
83	18.3	9.5	17.7#

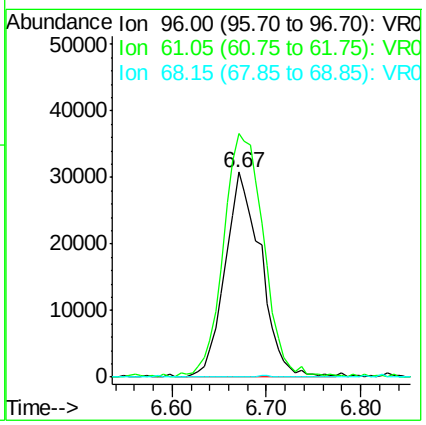


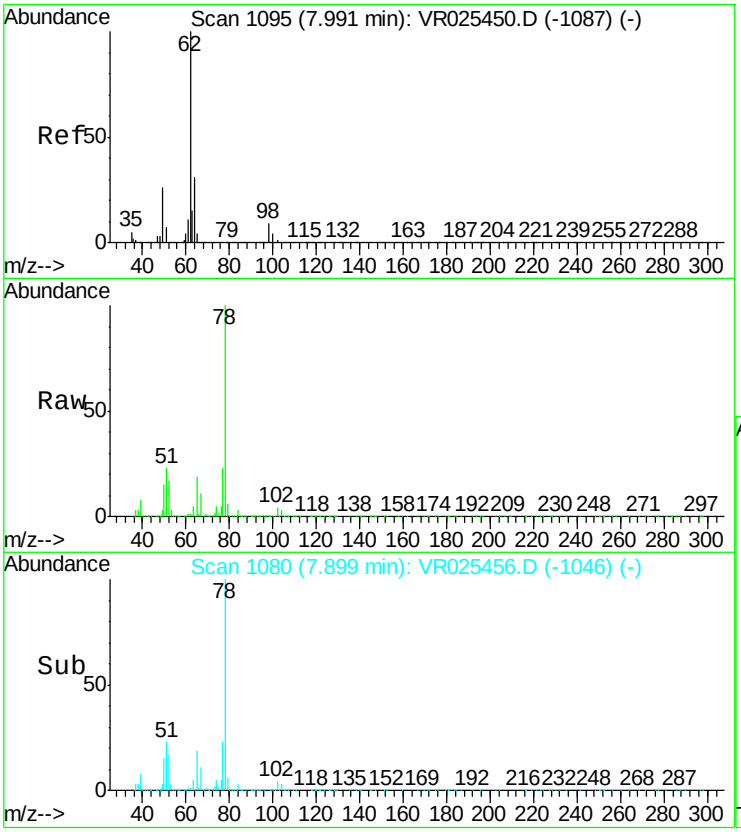


#22
cis-1,2-Dichloroethene
Concen: 1.600 ug/L
RT: 6.67 min Scan# 878
Delta R.T. 0.01 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Tgt Ion: 96 Resp: 80808

Ion	Ratio	Lower	Upper
96	100		
61	118.8	91.0	169.0
68	0.3	0.0	0.0#



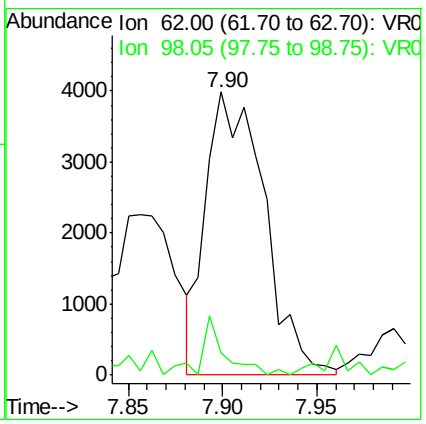


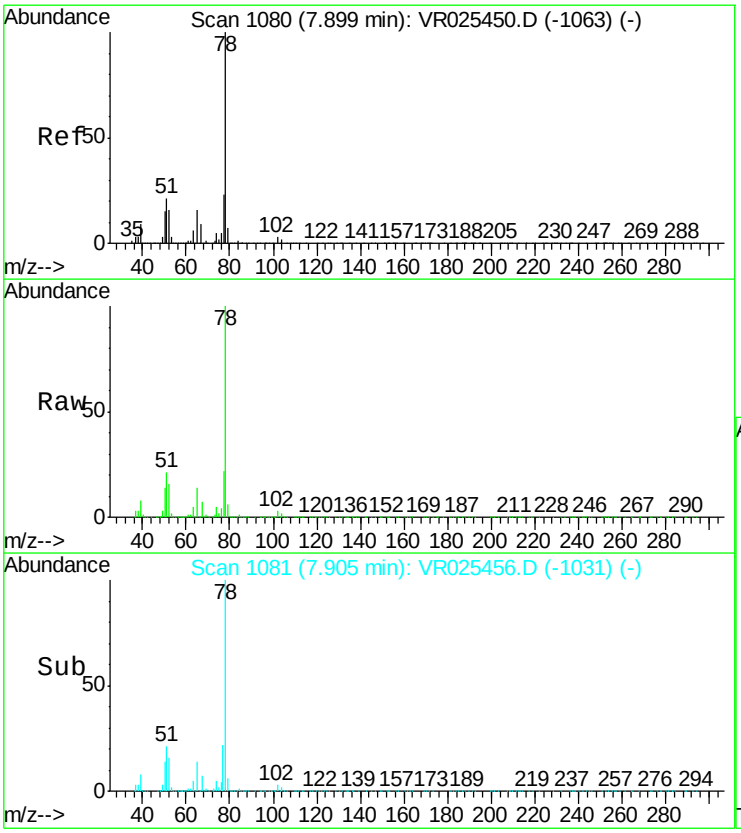
#27
1,2-Dichloroethane
Concen: 0.210 ug/L
RT: 7.90 min Scan# 1080
Delta R.T. -0.09 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Instrument :
MSVOA_R
ClientSampleId :
C0AF9MS

Tgt Ion: 62 Resp: 8522

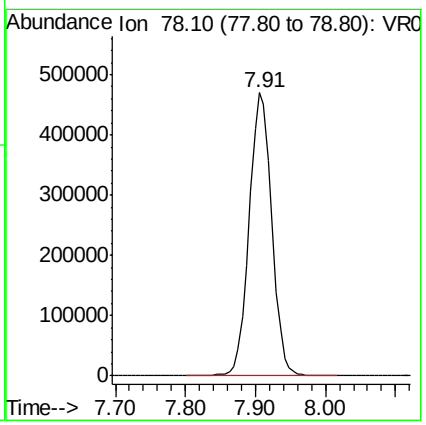
Ion	Ratio	Lower	Upper
62	100		
98	7.9	5.4	8.2

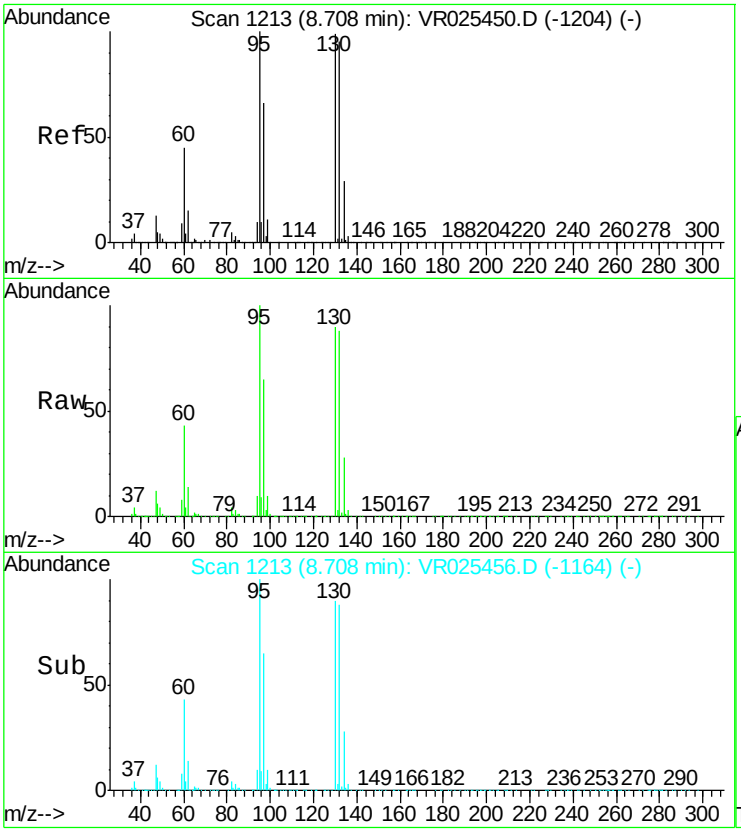




#33
Benzene
Concen: 5.106 ug/L
RT: 7.91 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Tgt Ion: 78 Resp: 1051732



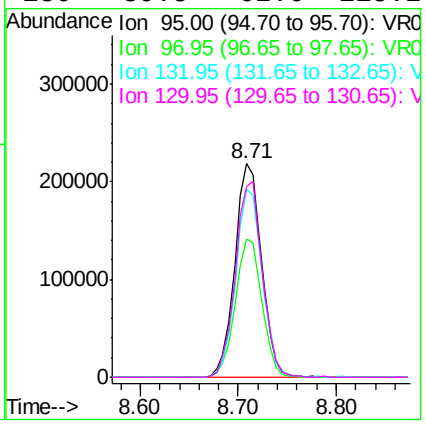


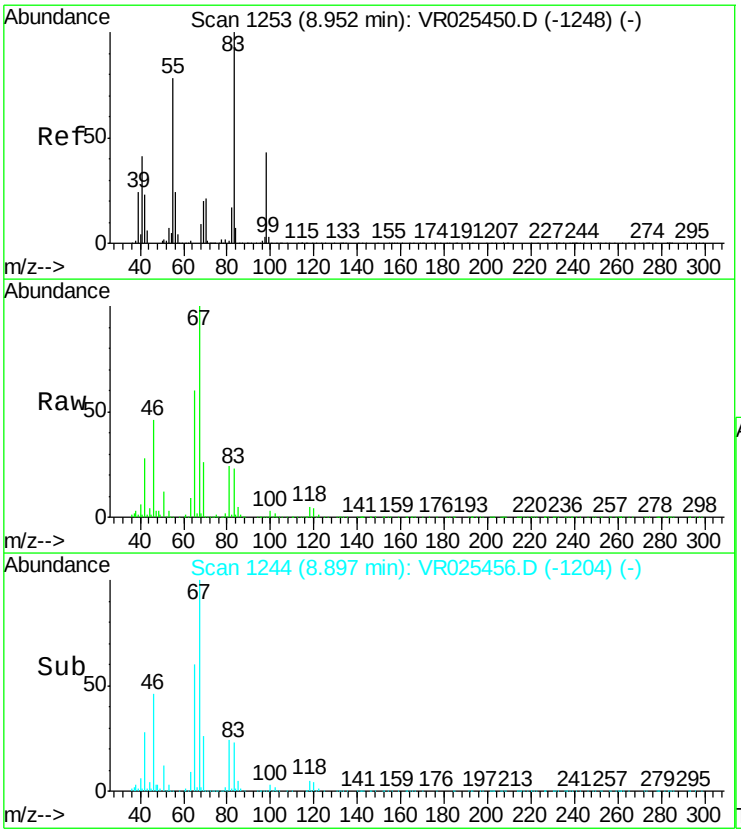
#34
Trichloroethene
Concen: 7.854 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Instrument :
MSVOA_R
ClientSampleId :
C0AF9MS

Tgt Ion: 95 Resp: 411819

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.6	84.6
132	88.2	60.9	113.1
130	89.5	62.0	115.2

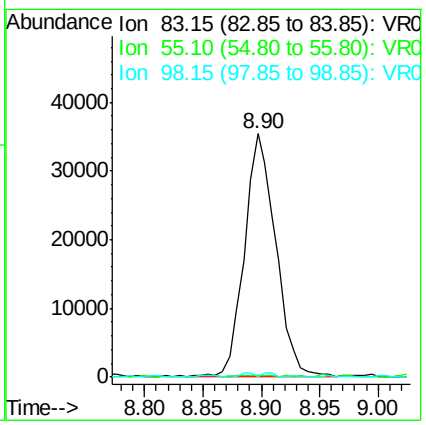


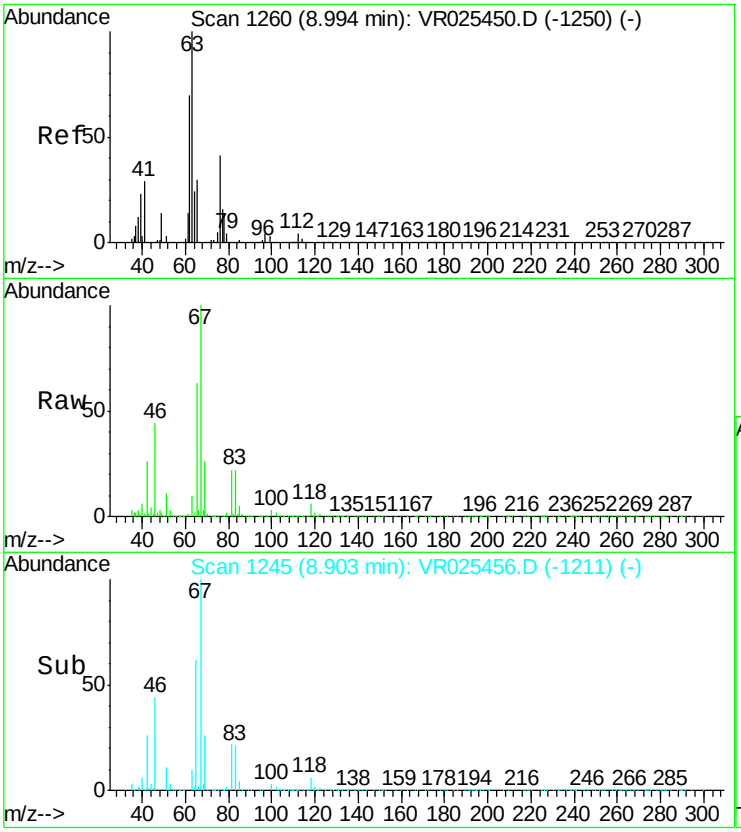


#35
Methylcyclohexane
Concen: 0.947 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Tgt Ion: 83 Resp: 66415

Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.1	99.1#
98	0.8	36.2	54.4#



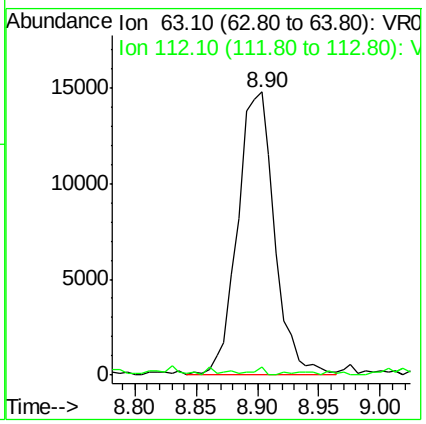


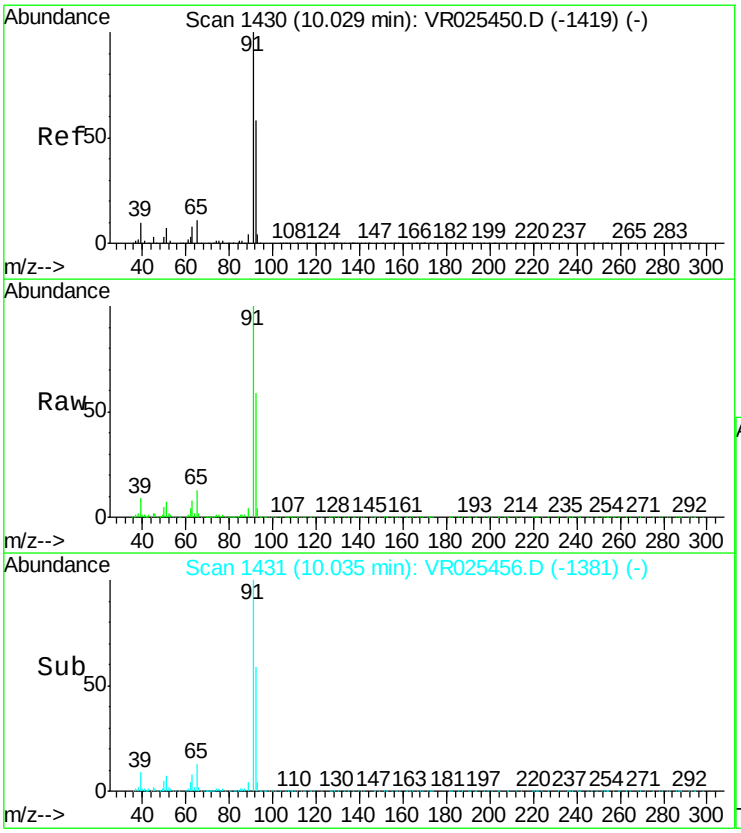
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Instrument : MSVOA_R
ClientSampleId : C0AF9MS

Tgt Ion: 63 Resp: 30749

Ion	Ratio	Lower	Upper
63	100		
112	0.9	2.9	4.3#

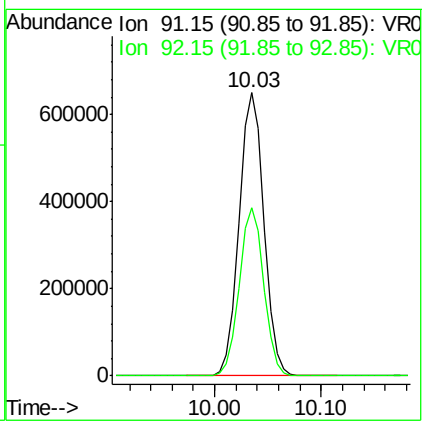


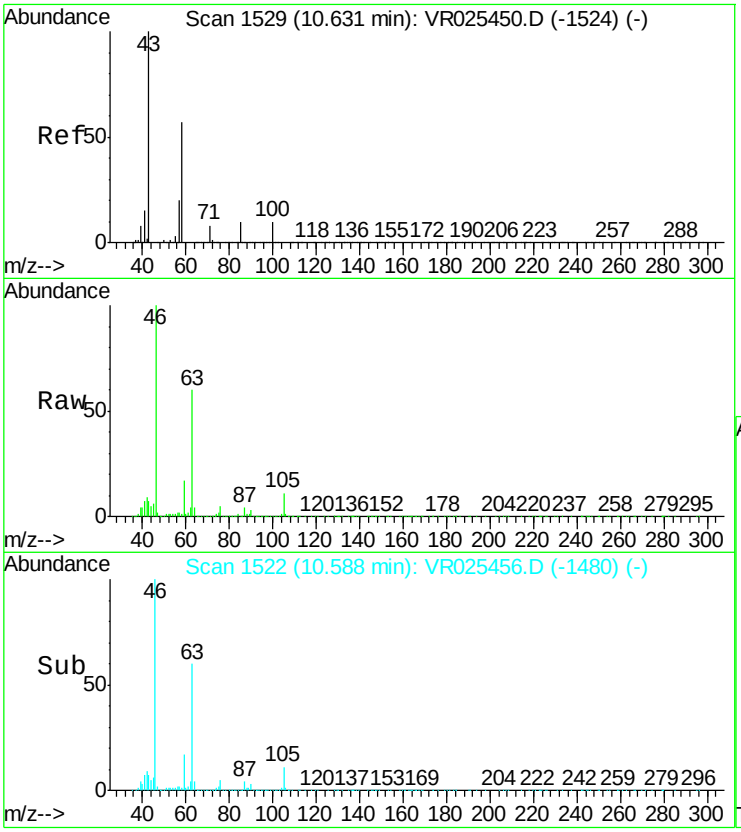


#42
Toluene
Concen: 5.313 ug/L
RT: 10.03 min Scan# 1431
Delta R.T. 0.01 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Tgt Ion: 91 Resp: 1064193

Ion	Ratio	Lower	Upper
91	100		
92	59.3	41.9	77.7



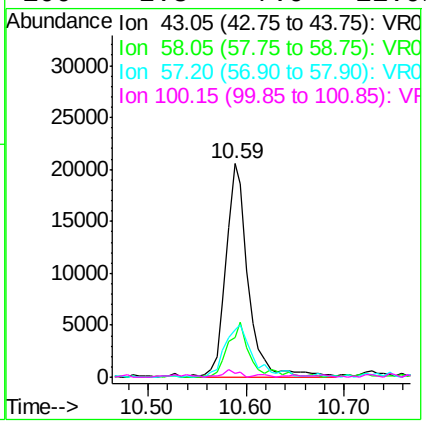


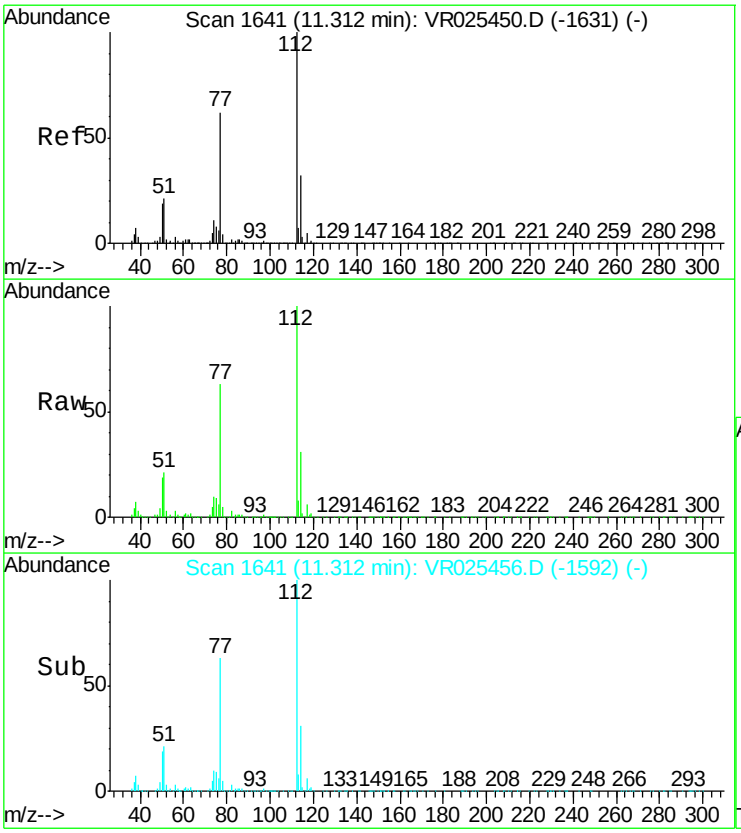
#48
2-Hexanone
Concen: 3.361 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.04 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Instrument : MSVOA_R
ClientSampleId : C0AF9MS

Tgt Ion: 43 Resp: 32073

Ion	Ratio	Lower	Upper
43	100		
58	23.1	43.1	64.7#
57	29.4	15.3	22.9#
100	2.3	7.9	11.9#





#51
Chlorobenzene
Concen: 4.968 ug/L
RT: 11.31 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VR025456.D
Acq: 12 Jul 2018 17:33

Tgt Ion:112 Resp: 605846

Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.6	40.0
77	63.2	51.9	77.9