Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092718\
Data File : VR025884.D
Acq On : 27 Sep 2018 21:08
Operator : SY/MD
Sample : J5119-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId :

Quant Time: Sep 28 05:45:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 05:44:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	506706	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	417489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	139605	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	188371	4.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.20%			
7) Chloroethane-d5	2.63	69	160963	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	3.63	63	340225	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.60%			
20) 2-Butanone-d5	6.59	46	232420	52.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.36%			
24) Chloroform-d	7.20	84	313123	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	7.90	65	140759	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
32) Benzene-d6	7.85	84	668778	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	8.90	67	181341	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	9.97	98	610021	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	10.23	79	33583	3.95	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.00%			
46) 2-Hexanone-d5	10.59	63	165629	51.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.20%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71808	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	13.51	152	106852	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
27) 1,2-Dichloroethane	7.85	62	5260	0.173	ug/L	99
34) Trichloroethene	8.46	95	18915	0.513	ug/L #	14
35) Methylcyclohexane	8.90	83	43051	0.776	ug/L #	16
37) 1,2-Dichloropropane	8.89	63	22099	0.736	ug/L #	96
39) cis-1,3-Dichloropropene	9.68	75	5036	0.150	ug/L	98
44) trans-1,3-Dichloropropene	10.24	75	2707	0.123	ug/L	99
48) 2-Hexanone	10.59	43	24508	3.544	ug/L #	75
66) 1,2-Dibromo-3-chloropropan	14.17	75	347	0.252	ug/L	96

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

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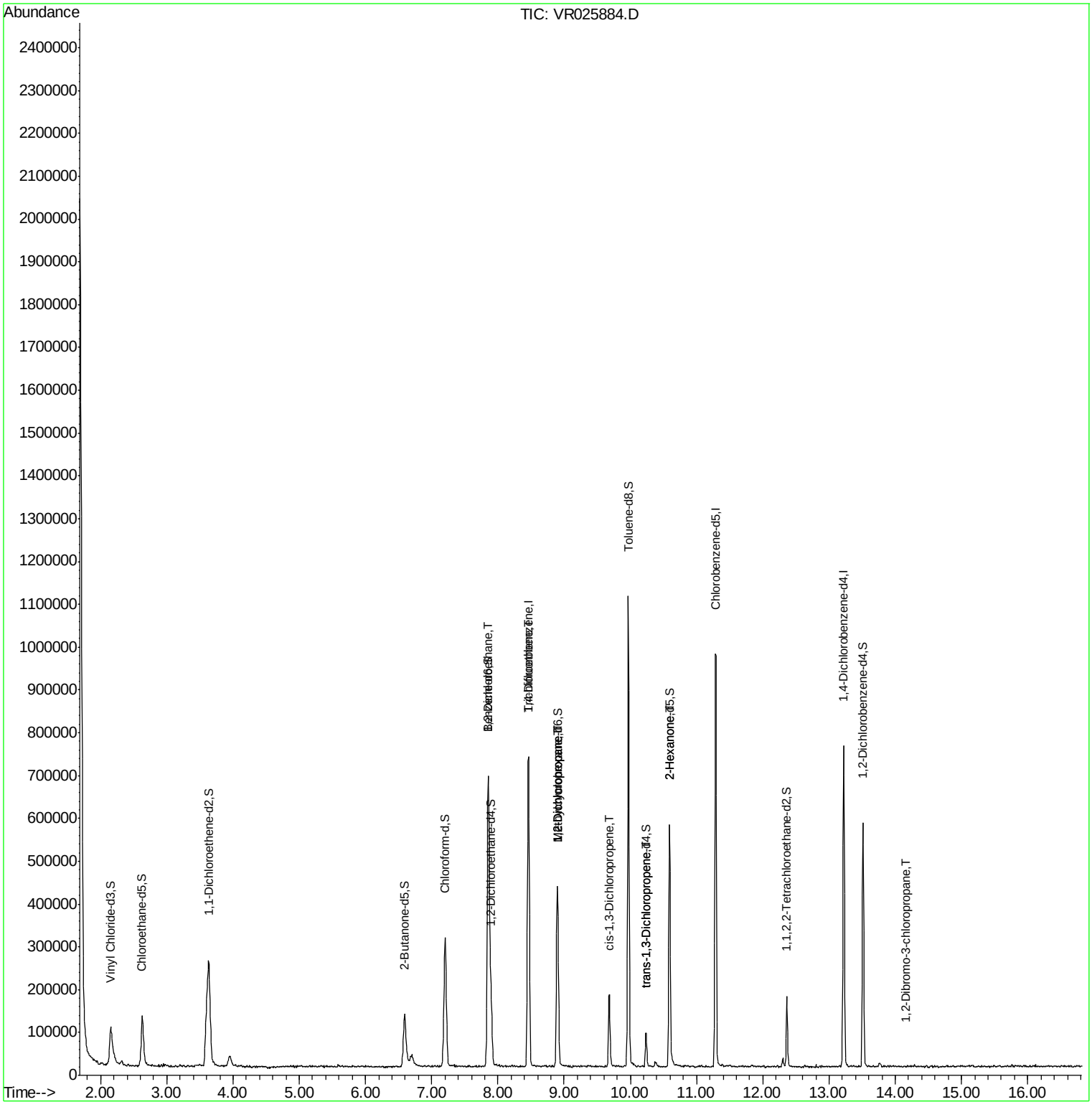
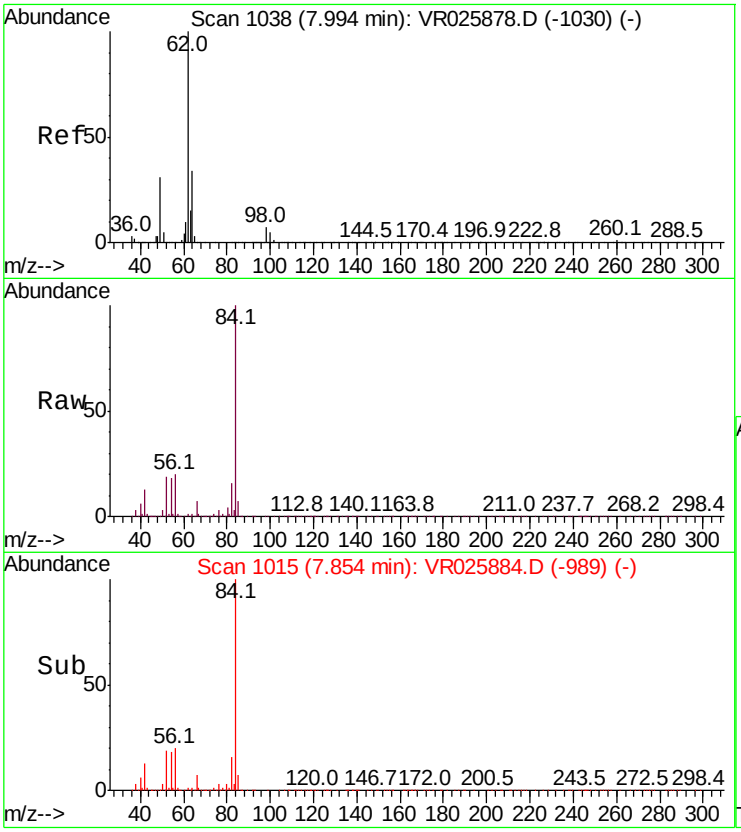
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 05:44:06 2018
Response via : Initial Calibration



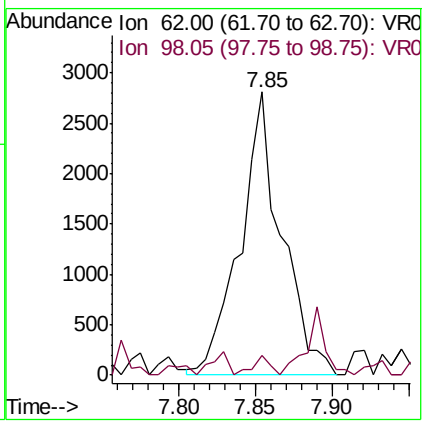


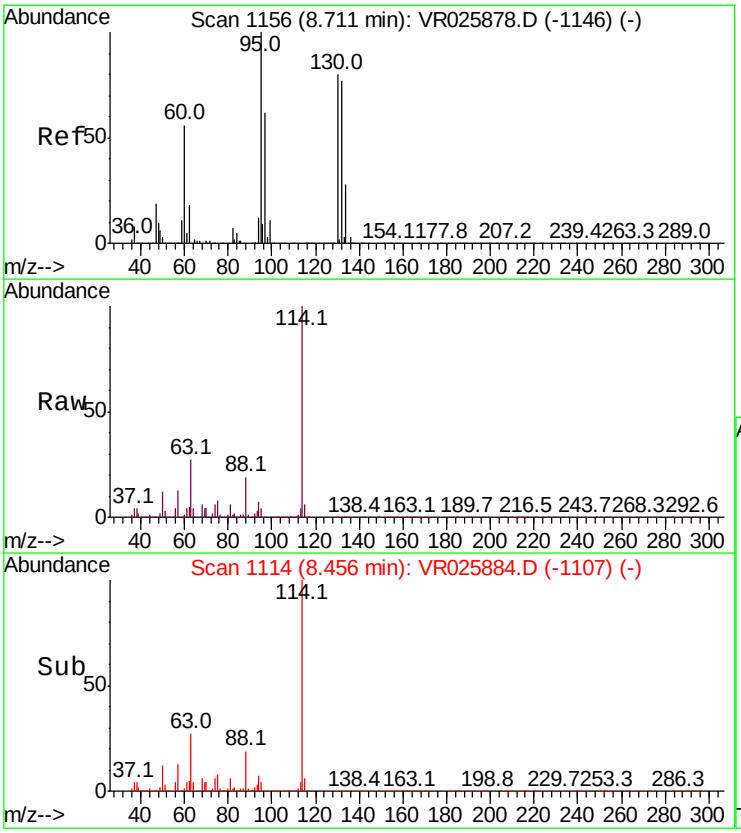
#27
1,2-Dichloroethane
Concen: 0.173 ug/L
RT: 7.85 min Scan# 1015
Delta R.T. -0.14 min
Lab File: VR025884.D
Acq: 27 Sep 2018 21:08

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 62 Resp: 5260

Ion	Ratio	Lower	Upper
62	100		
98	6.8	5.2	7.8

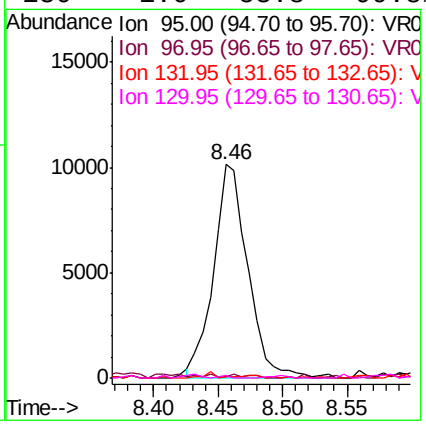


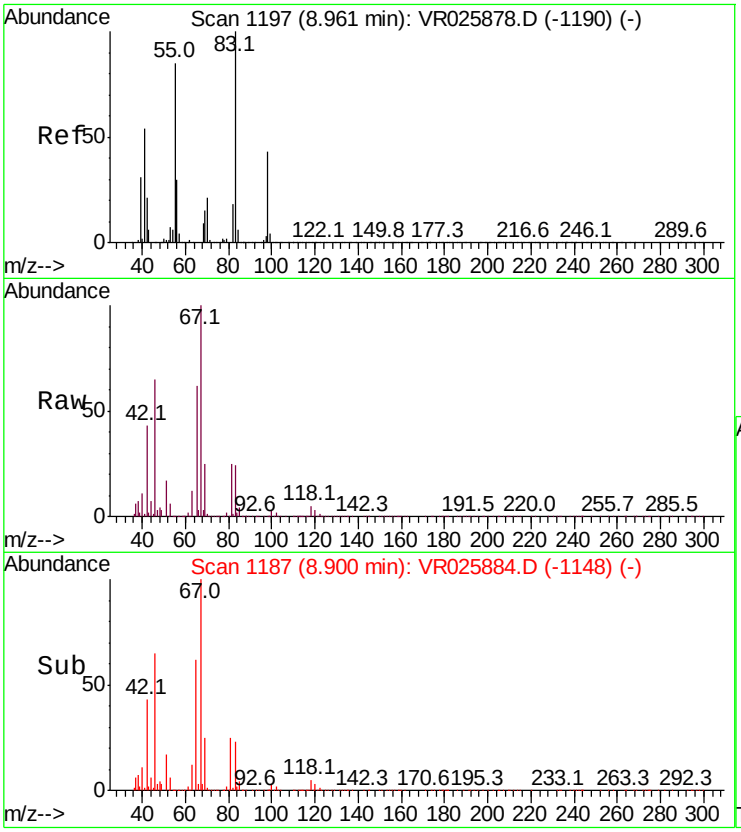


#34
Trichloroethene
Concen: 0.513 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR025884.D
Acq: 27 Sep 2018 21:08

Tgt Ion: 95 Resp: 18915

Ion	Ratio	Lower	Upper
95	100		
97	0.8	43.9	81.5#
132	0.6	53.3	98.9#
130	1.0	53.8	99.8#



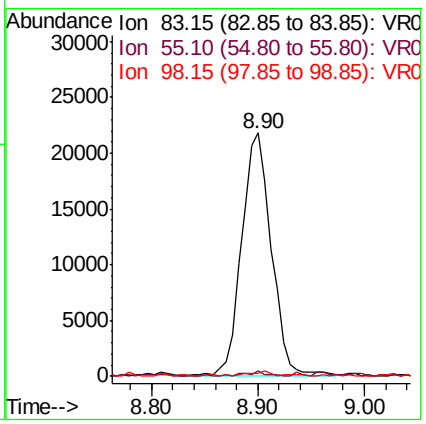


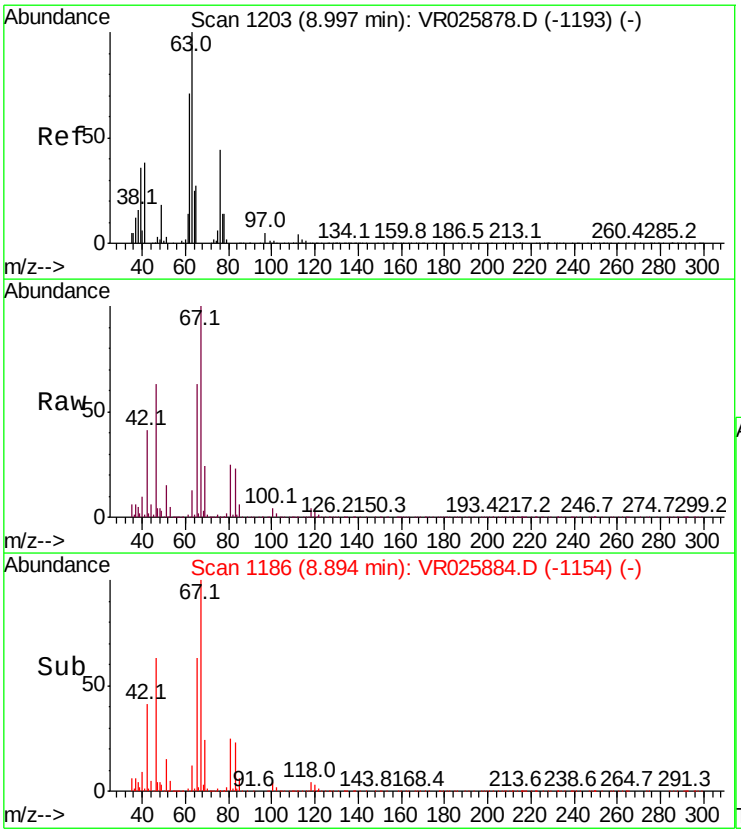
#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR025884.D
Acq: 27 Sep 2018 21:08

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 83 Resp: 43051

Ion	Ratio	Lower	Upper
83	100		
55	1.6	71.8	107.6#
98	1.6	34.2	51.4#

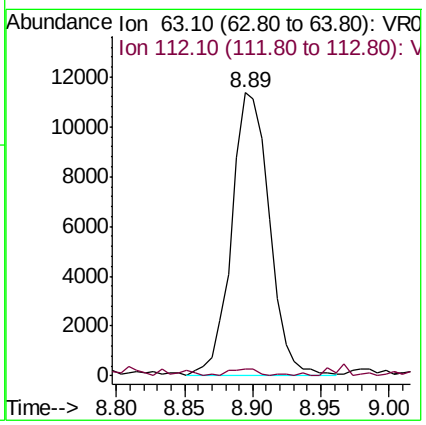


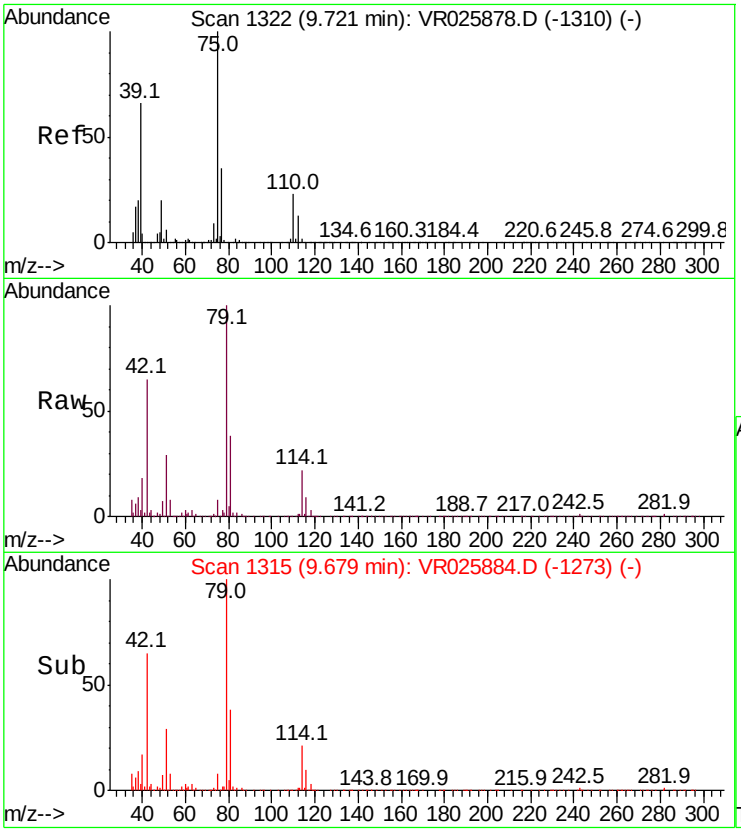


#37
1,2-Dichloropropane
Concen: 0.736 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025884.D
Acq: 27 Sep 2018 21:08

Tgt Ion: 63 Resp: 22099

Ion	Ratio	Lower	Upper
63	100		
112	1.8	2.5	3.7#



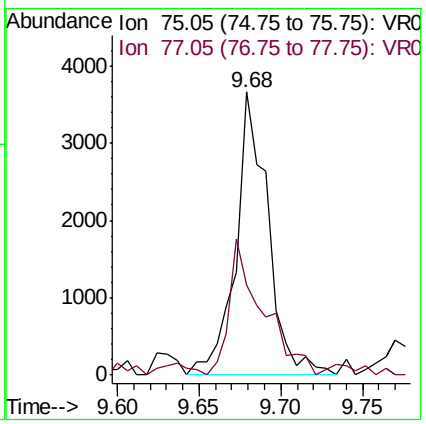


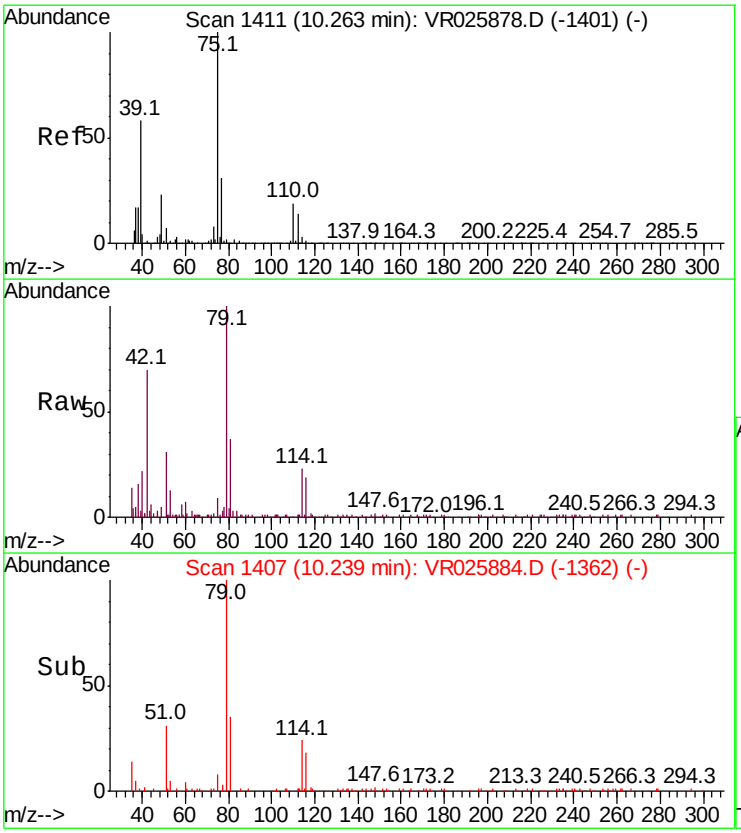
#39
cis-1,3-Dichloropropene
Concen: 0.150 ug/L
RT: 9.68 min Scan# 1315
Delta R.T. -0.04 min
Lab File: VR025884.D
Acq: 27 Sep 2018 21:08

Tgt Ion: 75 Resp: 5036

Ion	Ratio	Lower	Upper
75	100		
77	31.6	21.5	39.9

Instrument :
MSVOA_R
ClientSampleId :

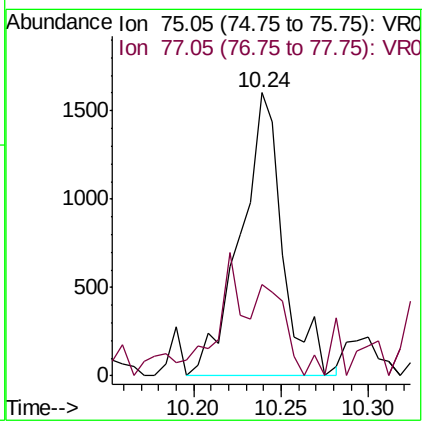


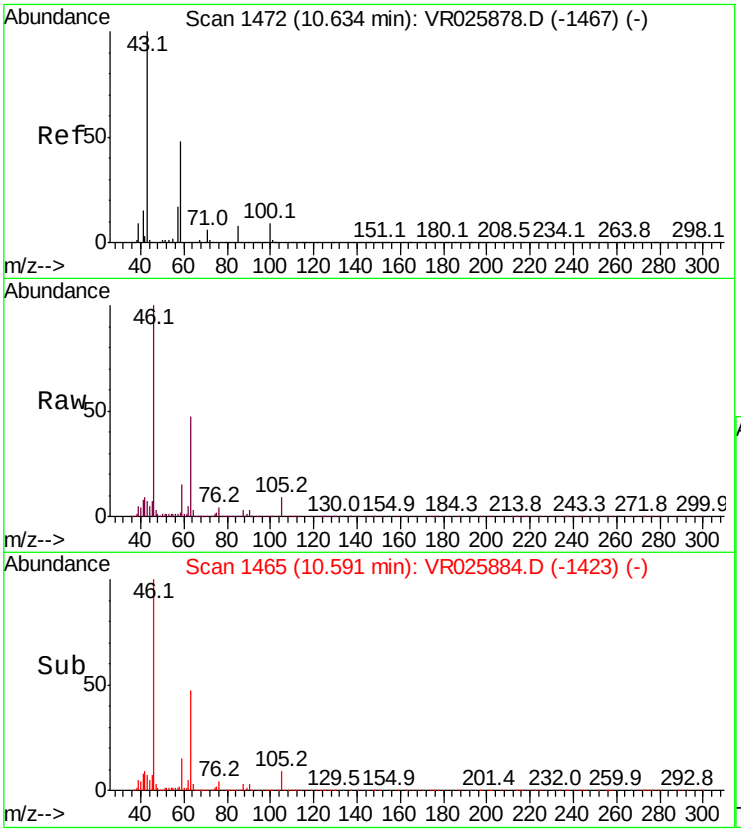


#44
trans-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR025884.D
Acq: 27 Sep 2018 21:08

Tgt Ion: 75 Resp: 2707

Ion	Ratio	Lower	Upper
75	100		
77	32.3	23.0	42.8



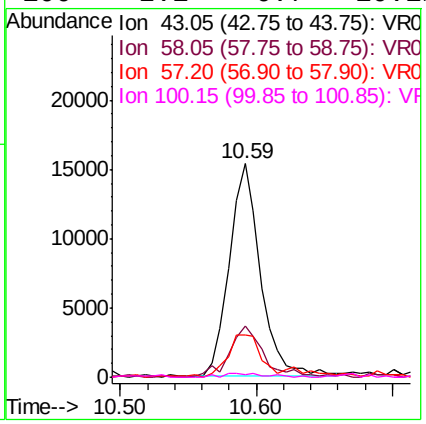


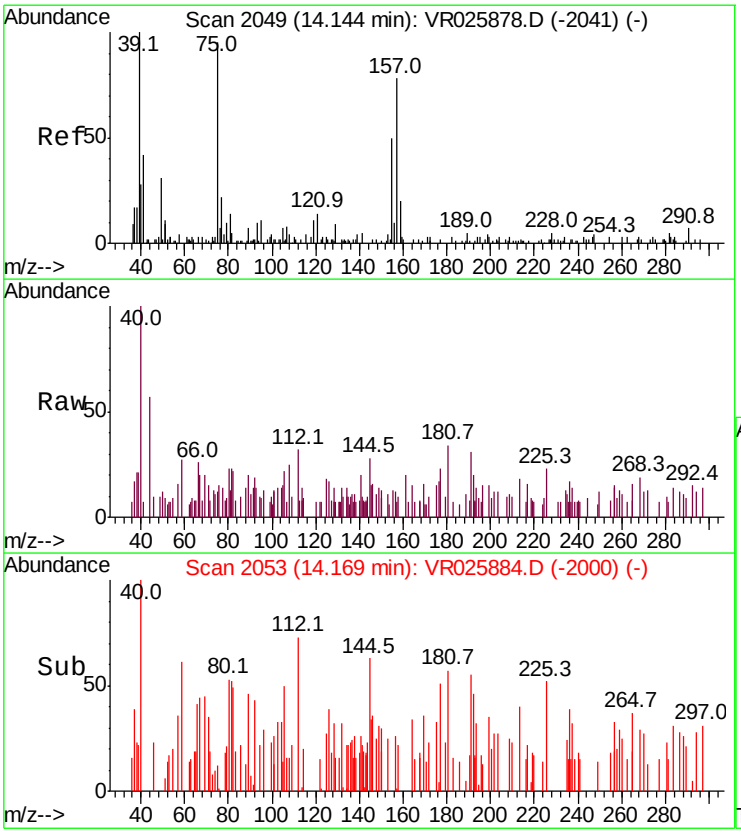
#48
2-Hexanone
Concen: 3.544 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025884.D
Acq: 27 Sep 2018 21:08

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 43 Resp: 24508

Ion	Ratio	Lower	Upper
43	100		
58	26.6	39.5	59.3#
57	20.5	14.6	21.8
100	2.1	6.7	10.1#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.252 ug/L
RT: 14.17 min Scan# 2053
Delta R.T. 0.02 min
Lab File: VR025884.D
Acq: 27 Sep 2018 21:08

Tgt Ion: 75 Resp: 347

Ion	Ratio	Lower	Upper
75	100		
155	49.3	37.8	56.6
157	65.2	49.7	74.5