Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110618\

Quantitation Report (Not Reviewed)

Data File : VR026192.D
Acq On : 6 Nov 2018 15:38
Operator : SY/MD
Sample : VIBLK88
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VIBLK88

Quant Time: Nov 06 16:04:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	734422	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	572835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	210955	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	241993	3.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.20%			
7) Chloroethane-d5	2.62	69	233672	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	3.60	63	471255	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	6.59	46	264075	50.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.08%			
24) Chloroform-d	7.20	84	424100	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
26) 1,2-Dichloroethane-d4	7.89	65	181452	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
32) Benzene-d6	7.85	84	874433	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	8.90	67	227593	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	9.97	98	819450	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	10.24	79	55106	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	10.59	63	193299	53.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.40%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86897	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	13.52	152	161604	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			

Target Compounds						Qvalue
27) 1,2-Dichloroethane	7.85	62	6802	0.140	ug/L	96
34) Trichloroethene	8.46	95	24782	0.450	ug/L #	11
35) Methylcyclohexane	8.90	83	55021	0.672	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	29094	0.642	ug/L #	90
44) trans-1,3-Dichloropropene	10.24	75	3674	0.101	ug/L	97
48) 2-Hexanone	10.59	43	28546	3.156	ug/L #	68
69) Naphthalene	15.00	128	106555	4.403	ug/L #	97

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

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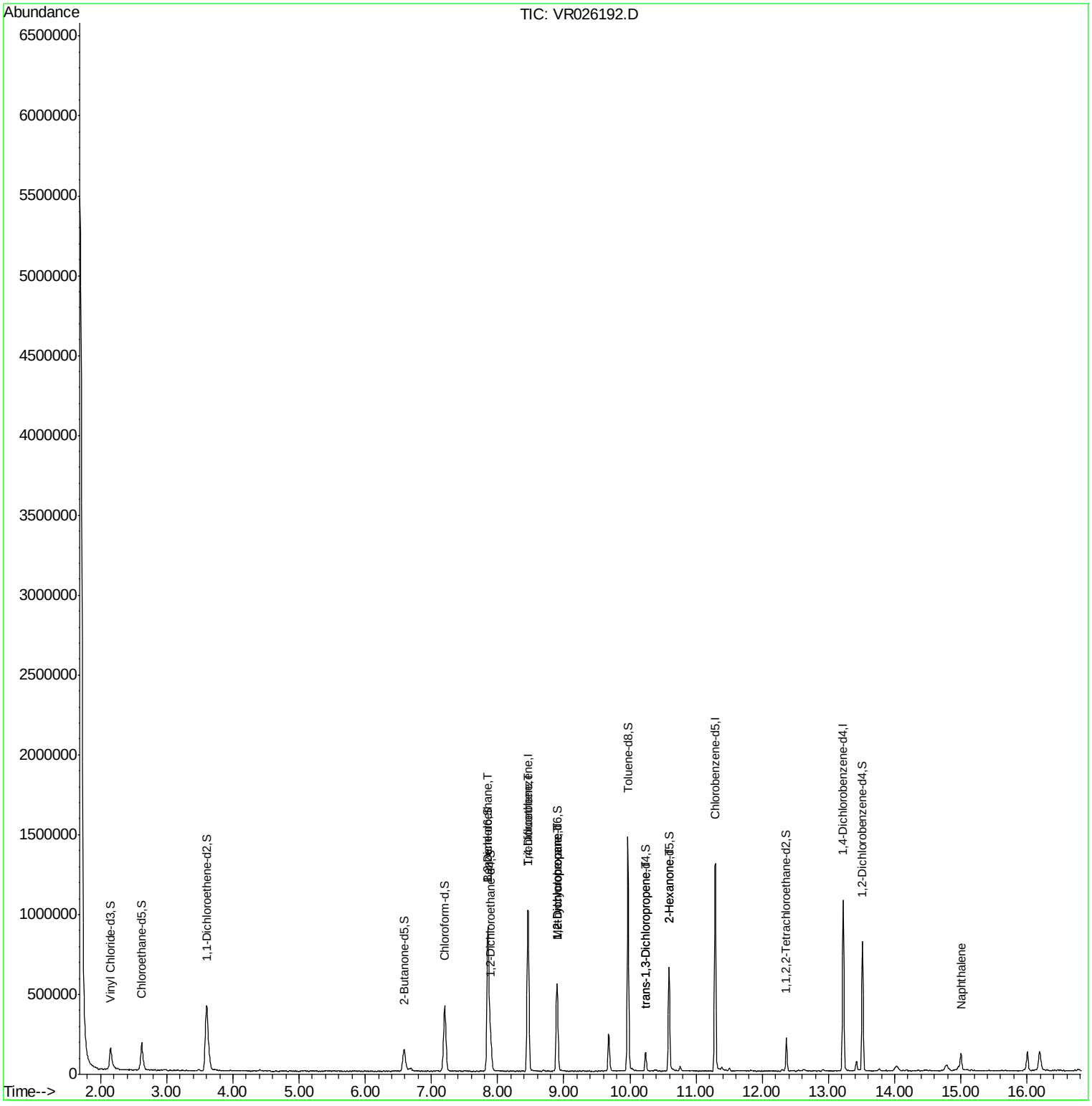
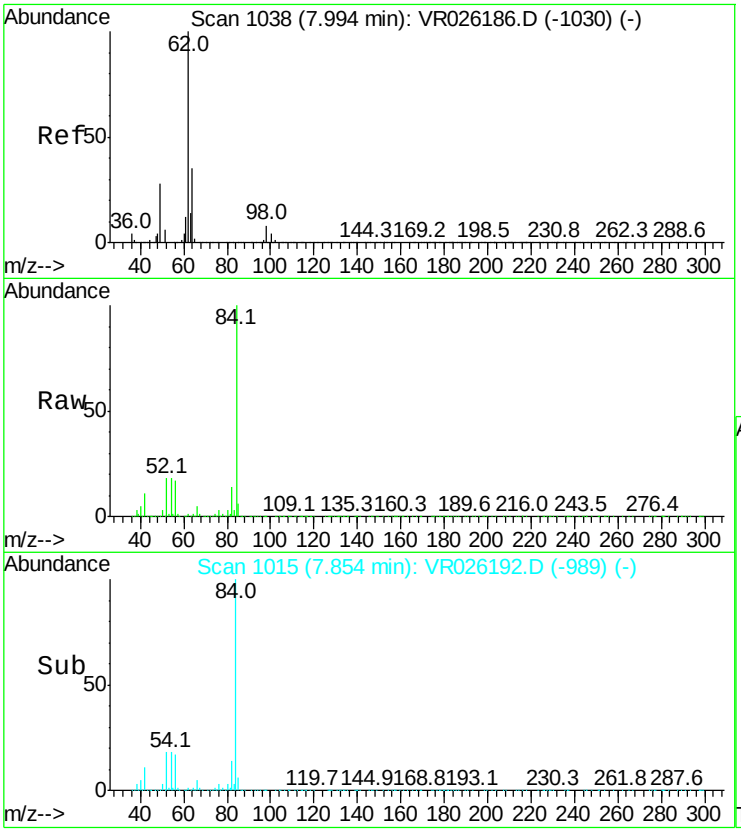
ClientSampleId :
VIBLK88

Quant Time: Nov 06 16:04:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration



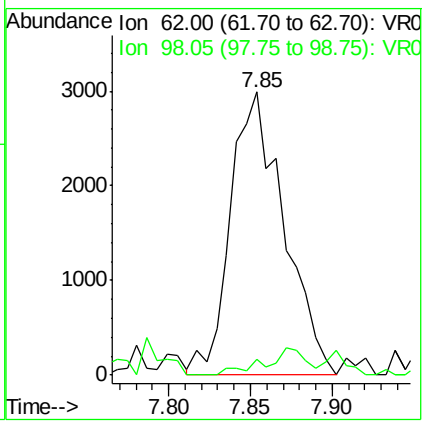


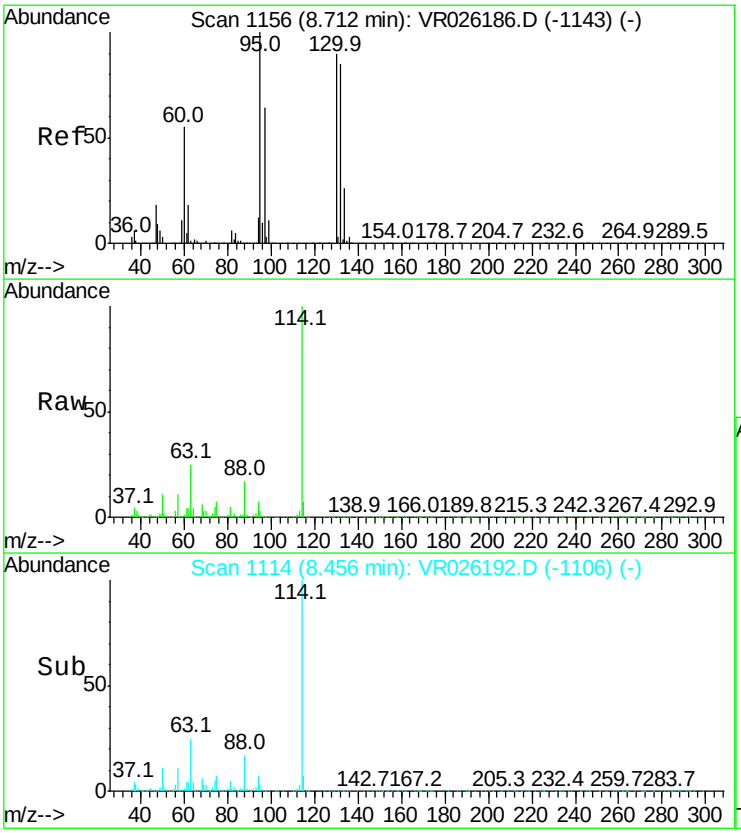
#27
1,2-Dichloroethane
Concen: 0.140 ug/L
RT: 7.85 min Scan# 1015
Delta R.T. -0.14 min
Lab File: VR026192.D
Acq: 6 Nov 2018 15:38

Instrument :
MSVOA_R
ClientSampleId :
VIBLK88

Tgt Ion: 62 Resp: 6802

Ion	Ratio	Lower	Upper
62	100		
98	5.7	5.6	8.4

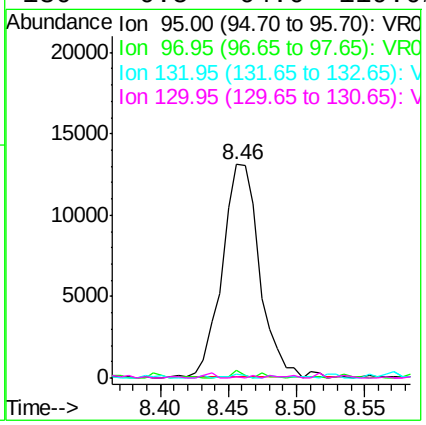


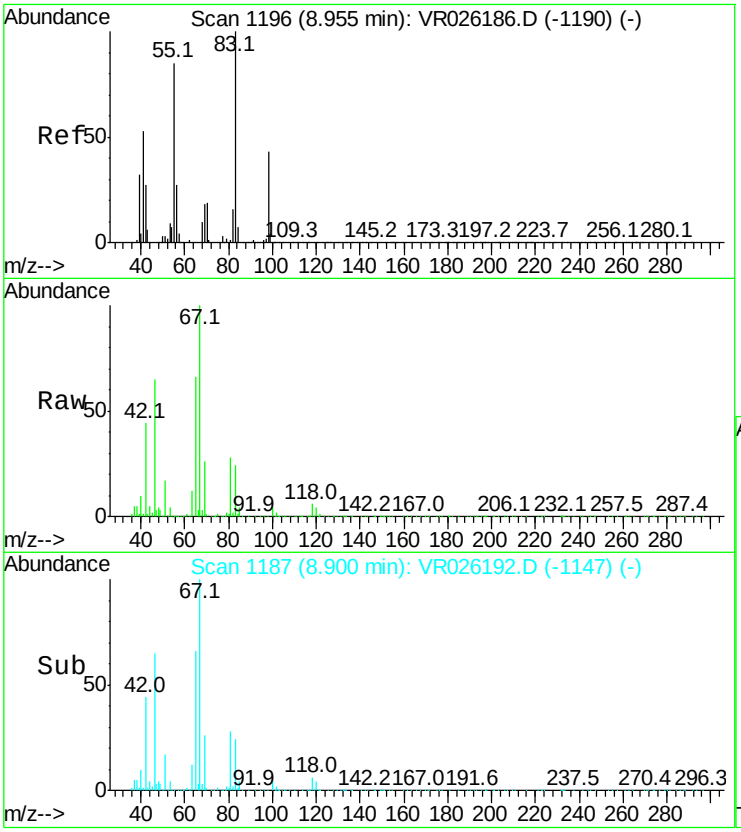


#34
Trichloroethene
Concen: 0.450 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.25 min
Lab File: VR026192.D
Acq: 6 Nov 2018 15:38

Tgt Ion: 95 Resp: 24782

Ion	Ratio	Lower	Upper
95	100		
97	3.6	45.7	84.9#
132	1.5	58.3	108.3#
130	0.5	64.0	119.0#



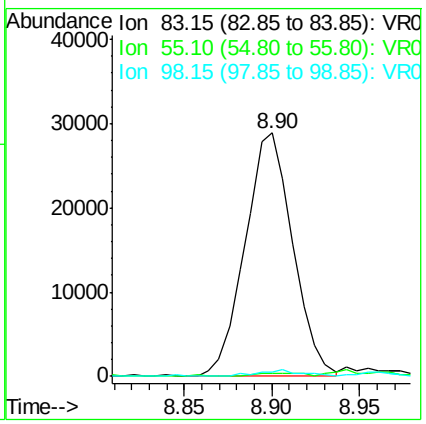


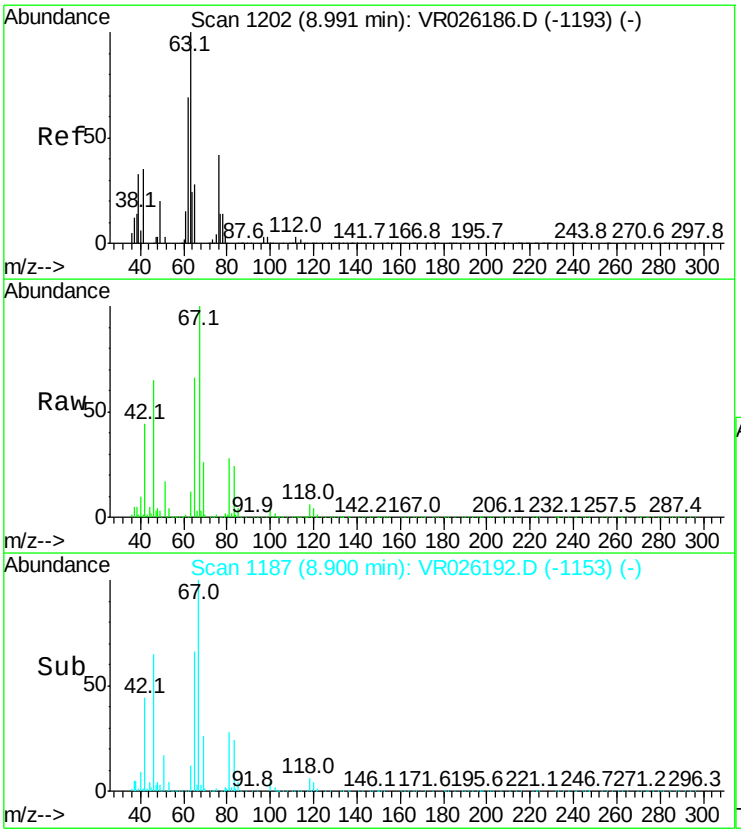
#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026192.D
Acq: 6 Nov 2018 15:38

Instrument :
MSVOA_R
ClientSampleId :
VIBLK88

Tgt Ion: 83 Resp: 55021

Ion	Ratio	Lower	Upper
83	100		
55	1.5	66.8	100.2#
98	2.6	35.2	52.8#

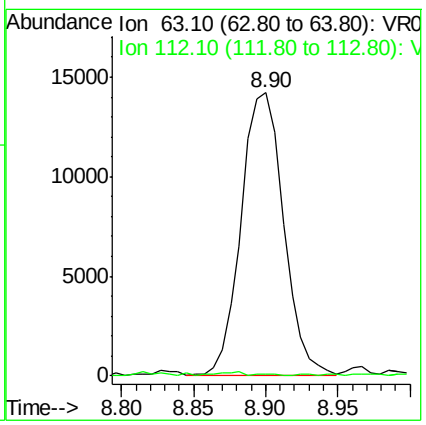


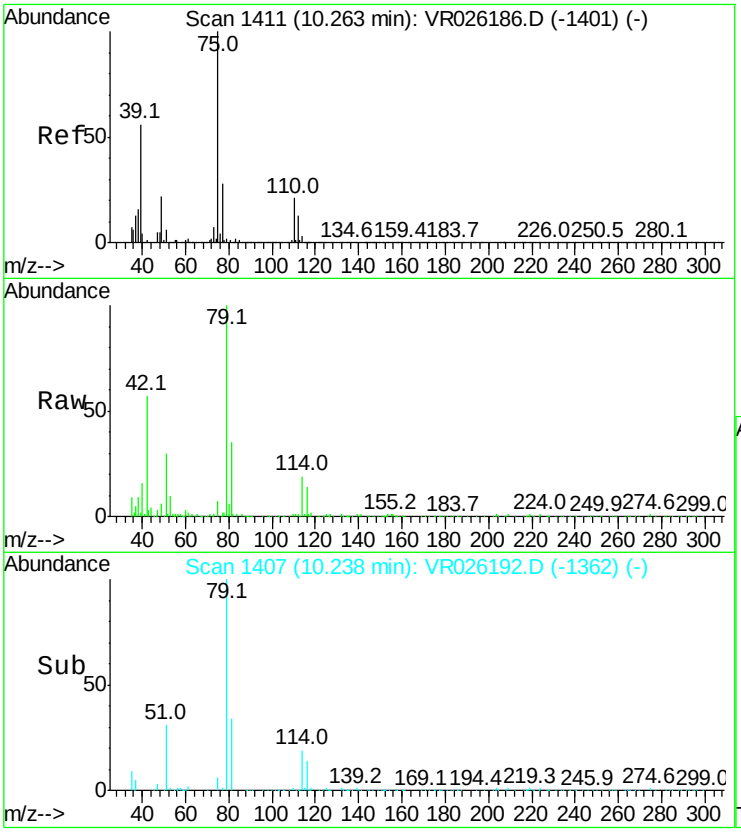


#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026192.D
Acq: 6 Nov 2018 15:38

Tgt Ion: 63 Resp: 29094

Ion	Ratio	Lower	Upper
63	100		
112	0.1	2.7	4.1#



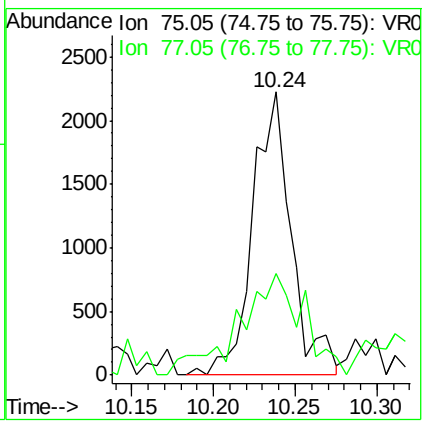


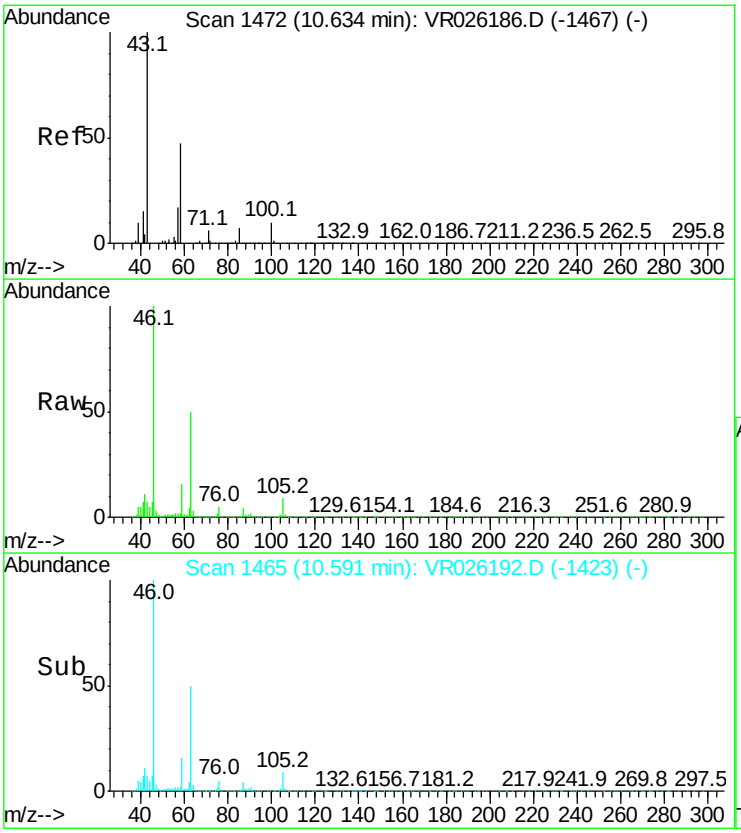
#44
trans-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR026192.D
Acq: 6 Nov 2018 15:38

Instrument :
MSVOA_R
ClientSampleId :
VIBLK88

Tgt Ion: 75 Resp: 3674

Ion	Ratio	Lower	Upper
75	100		
77	35.9	24.1	44.7

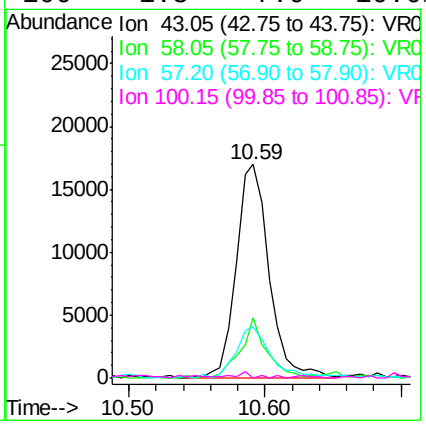


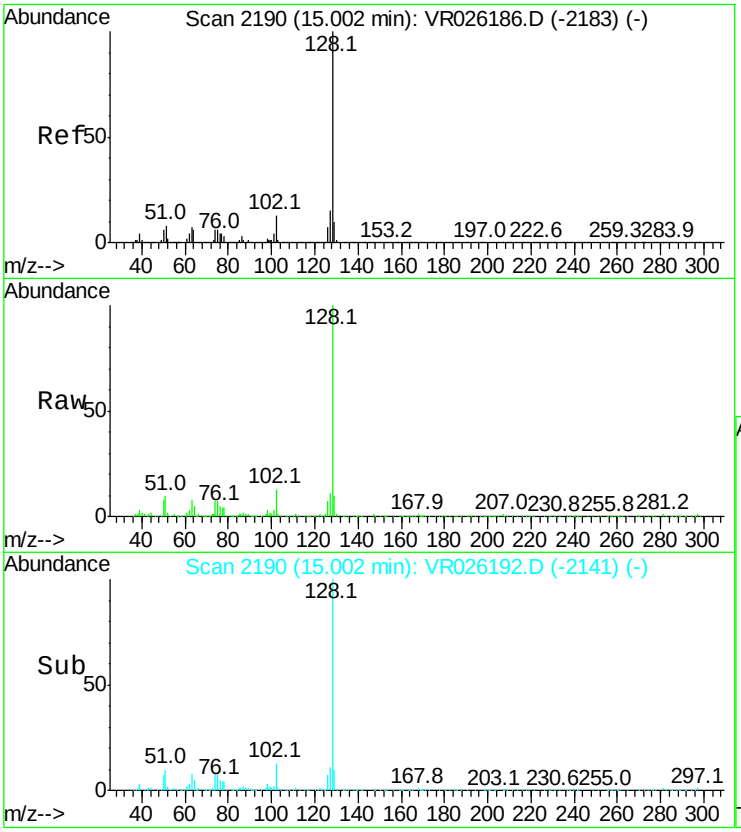


#48
2-Hexanone
Concen: 3.156 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026192.D
Acq: 6 Nov 2018 15:38

Tgt Ion: 43 Resp: 28546

Ion	Ratio	Lower	Upper
43	100		
58	23.0	39.6	59.4#
57	26.1	14.0	21.0#
100	1.3	7.0	10.6#





#69
Naphthalene
Concen: 4.403 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VR026192.D
Acq: 6 Nov 2018 15:38

Instrument :
MSVOA_R
ClientSampleId :
VIBLK88

Tgt Ion:128 Resp: 106555

Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.6
129	8.8	9.1	13.7#