Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040519\

Quantitation Report (Not Reviewed)

Data File : VR026462.D
Acq On : 5 Apr 2019 14:16
Operator : SY/MD
Sample : K2271-18
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : DB7D9

Quant Time: Apr 06 05:59:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	478910	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	388707	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	111340	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	170407	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	2.62	69	149414	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	3.60	63	339953	3.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.20%			
20) 2-Butanone-d5	6.58	46	162136	49.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.96%			
24) Chloroform-d	7.20	84	331128	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	7.89	65	142845	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	7.85	84	604079	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	8.89	67	157061	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	9.97	98	529428	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	10.23	79	32712	3.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.60%			
46) 2-Hexanone-d5	10.59	63	122213	53.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.82%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60367	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	100438	5.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 119.20%			
Target Compounds						Qvalue
13) Acetone	3.69	43	12615	3.848	ug/L	71
25) Chloroform	7.22	83	5361	0.075	ug/L #	73
34) Trichloroethene	8.70	95	11842	0.291	ug/L	90
35) Methylcyclohexane	8.89	83	38736	0.668	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	21305	0.640	ug/L #	91
47) Tetrachloroethene	10.51	164	8326	0.288	ug/L	88
48) 2-Hexanone	10.59	43	21130	3.257	ug/L #	81
66) 1,2-Dibromo-3-chloropropan	14.13	75	250	0.220	ug/L #	43

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

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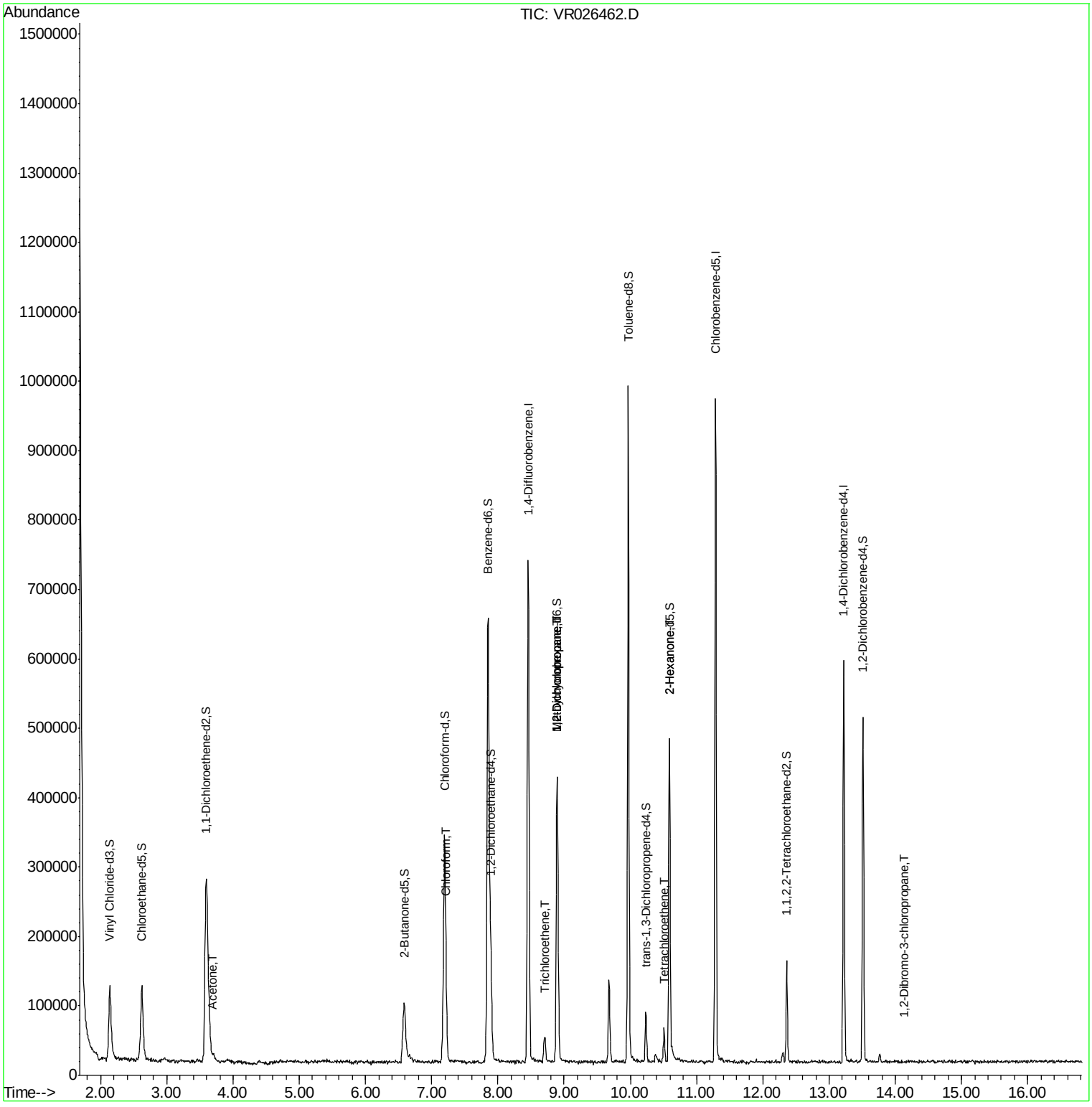
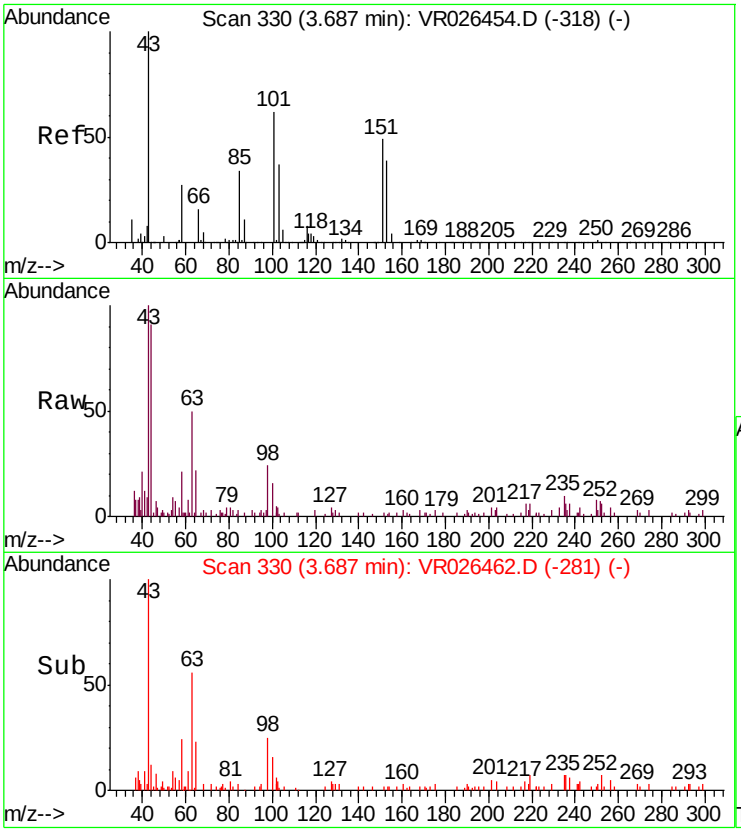
Quant Time: Apr 06 05:59:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration



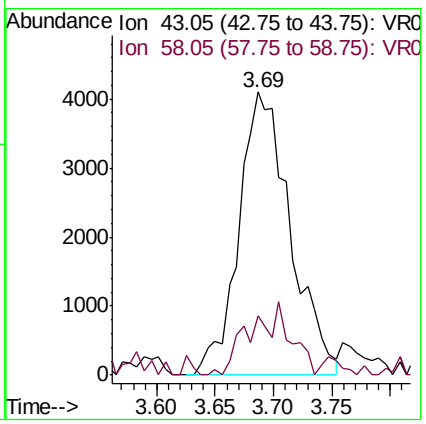


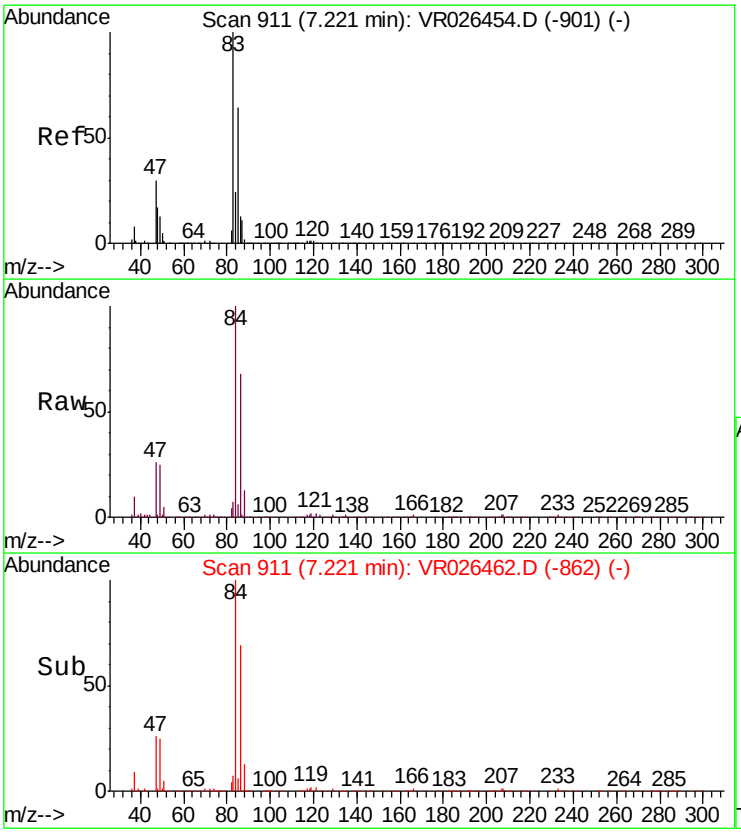
#13
Acetone
Concen: 3.848 ug/L
RT: 3.69 min Scan# 330
Delta R.T. -0.00 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Instrument : MSVOA_R
ClientSampleId : DB7D9

Tgt Ion: 43 Resp: 12615

Ion	Ratio	Lower	Upper
43	100		
58	12.1	0.0	53.8

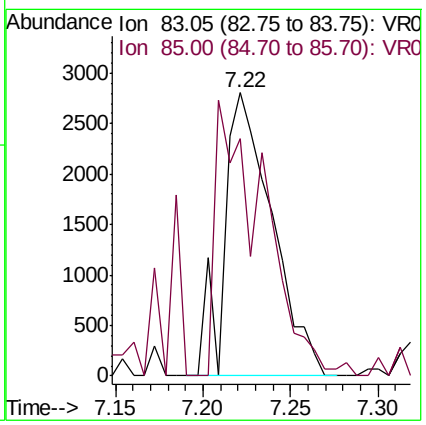


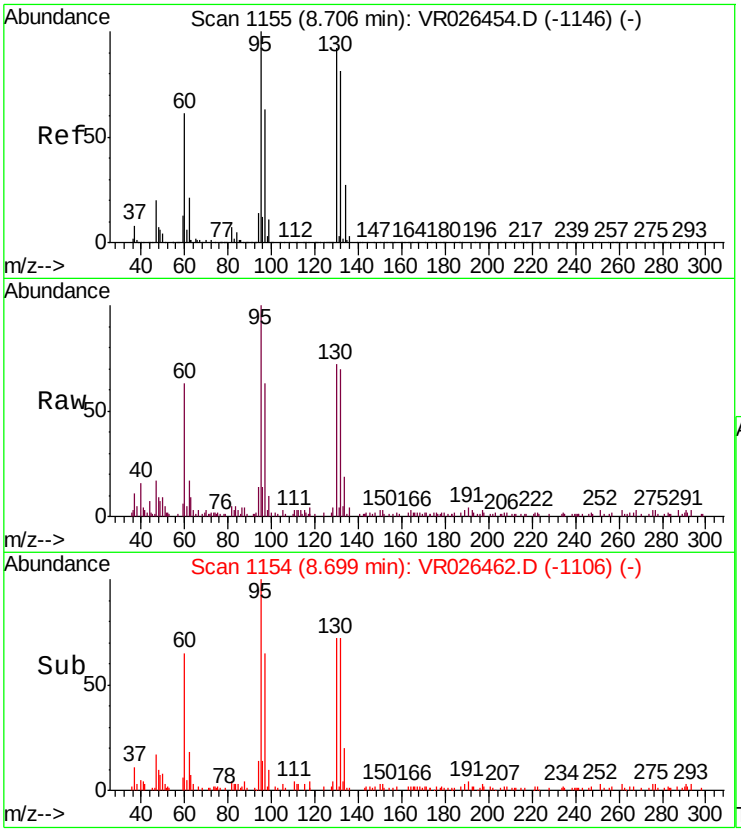


#25
Chloroform
Concen: 0.075 ug/L
RT: 7.22 min Scan# 911
Delta R.T. -0.00 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Tgt Ion: 83 Resp: 5361

Ion	Ratio	Lower	Upper
83	100		
85	83.9	44.2	82.0#



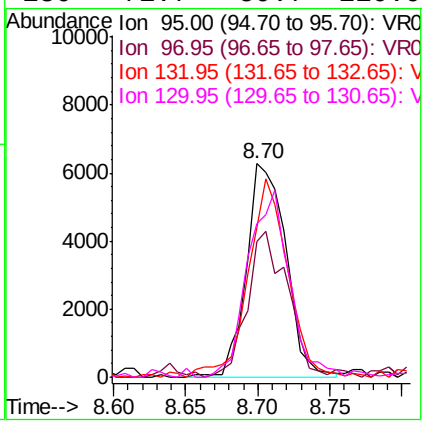


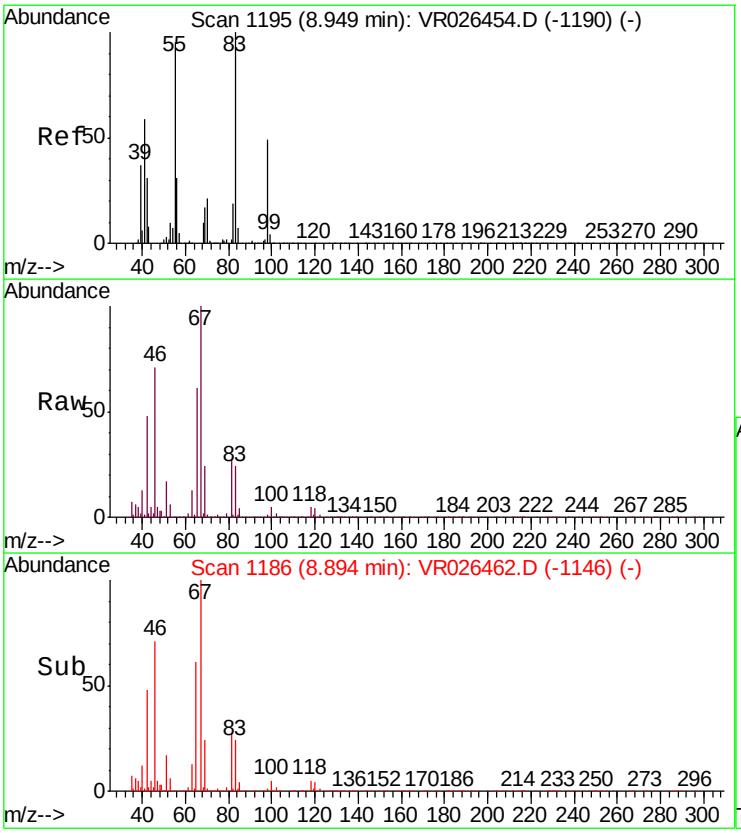
#34
Trichloroethene
Concen: 0.291 ug/L
RT: 8.70 min Scan# 1154
Delta R.T. -0.01 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Instrument : MSVOA_R
ClientSampleId : DB7D9

Tgt Ion: 95 Resp: 11842

Ion	Ratio	Lower	Upper
95	100		
97	63.5	43.8	81.3
132	70.1	57.2	106.2
130	71.7	59.7	110.9

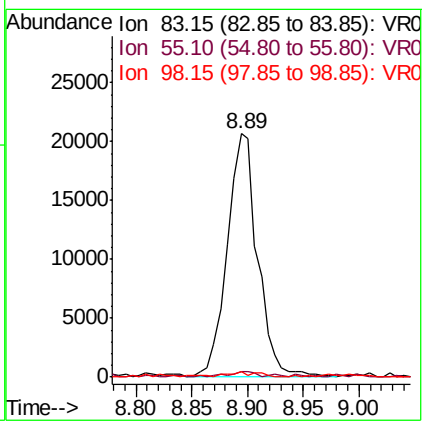


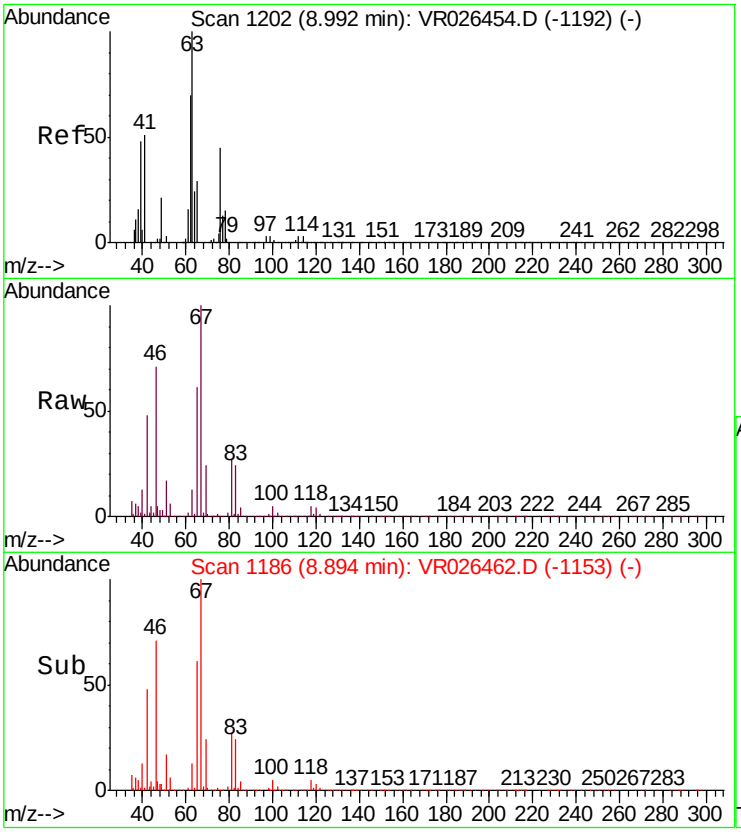


#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.05 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Tgt Ion: 83 Resp: 38736

Ion	Ratio	Lower	Upper
83	100		
55	2.5	73.8	110.6#
98	1.2	34.6	51.8#



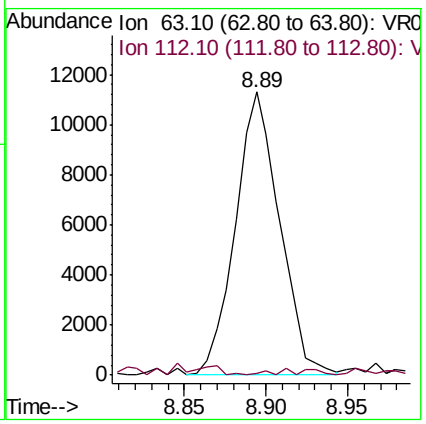


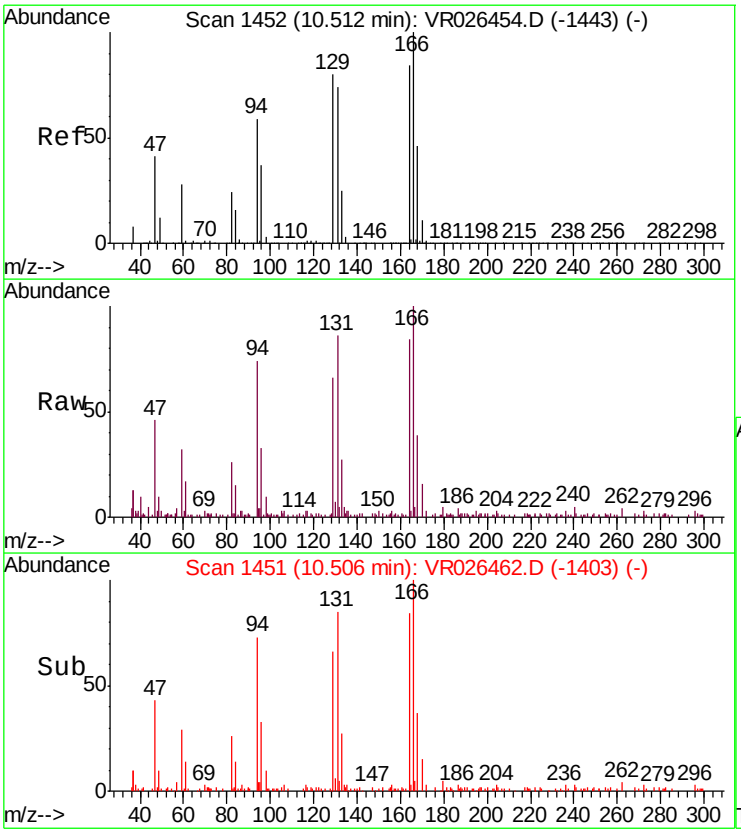
#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Instrument :
MSVOA_R
ClientSampleId :
DB7D9

Tgt Ion: 63 Resp: 21305

Ion	Ratio	Lower	Upper
63	100		
112	0.4	2.8	4.2#

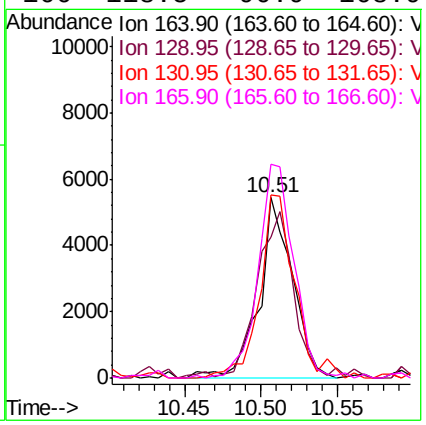


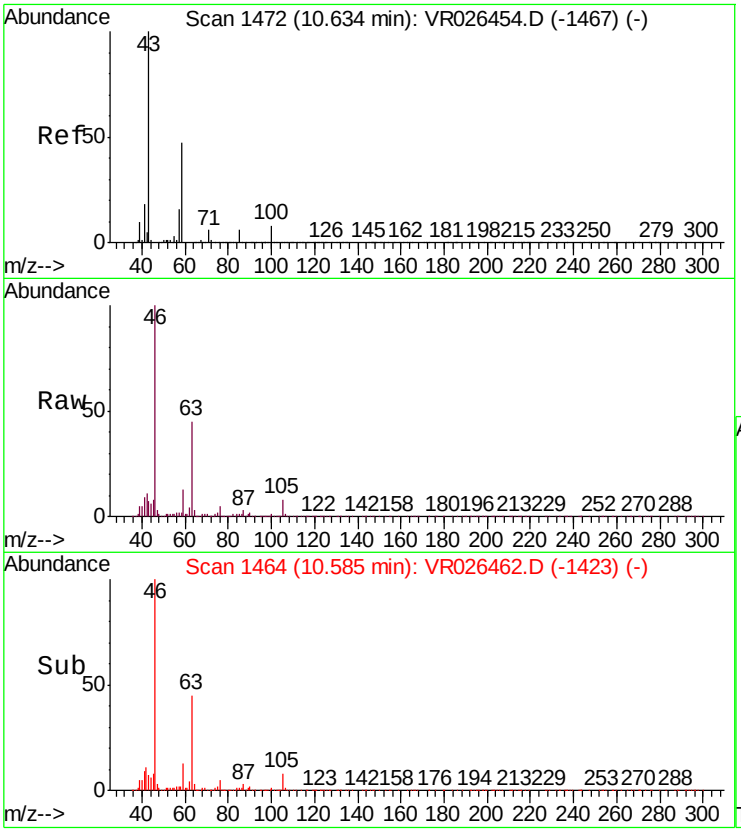


#47
Tetrachloroethene
Concen: 0.288 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Tgt Ion:164 Resp: 8326

Ion	Ratio	Lower	Upper
164	100		
129	77.8	74.1	137.5
131	101.9	71.3	132.5
166	118.5	90.9	168.9



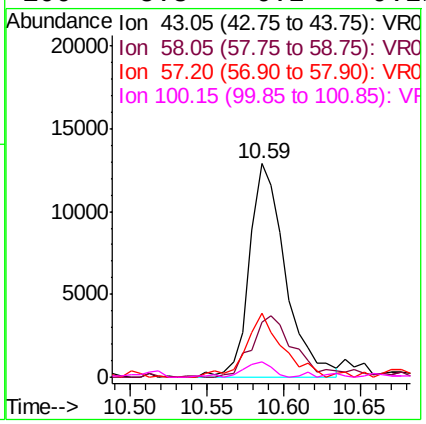


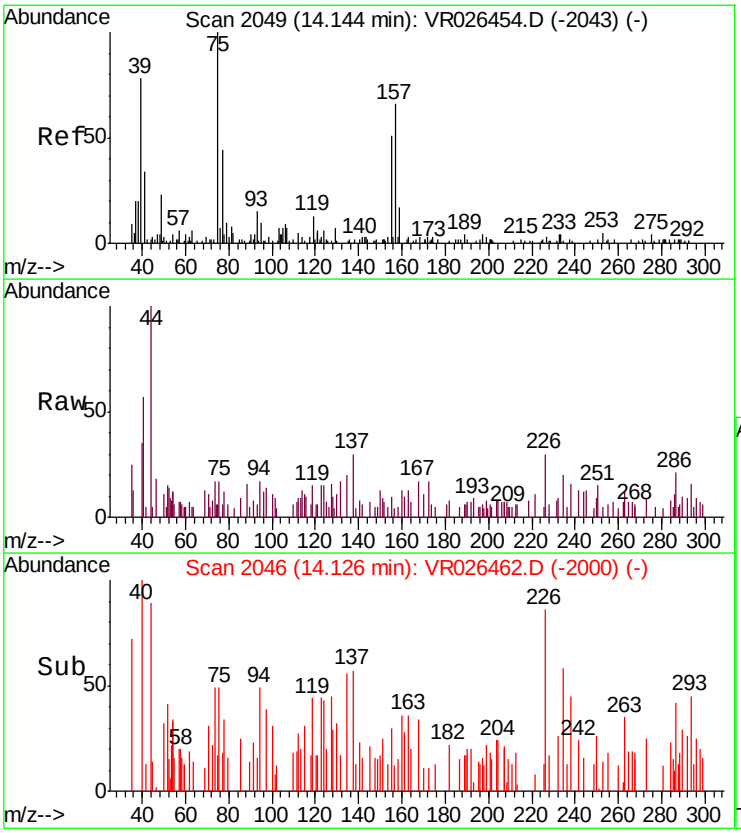
#48
2-Hexanone
Concen: 3.257 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Instrument : MSVOA_R
ClientSampleId : DB7D9

Tgt Ion: 43 Resp: 21130

Ion	Ratio	Lower	Upper
43	100		
58	35.5	38.2	57.2#
57	29.9	13.8	20.6#
100	5.8	6.2	9.2#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.220 ug/L
RT: 14.13 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Tgt Ion: 75 Resp: 250

Ion	Ratio	Lower	Upper
75	100		
155	45.3	36.1	54.1
157	0.0	62.4	93.6#