Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\

Quantitation Report (Not Reviewed)

Data File : VR026153.D
Acq On : 19 Oct 2018 16:51
Operator : SY/MD
Sample : J5464-16
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00597

Quant Time: Oct 20 02:00:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	553074	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	464661	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	142219	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	219170	4.53	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	2.63	69	192519	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	3.61	63	392975	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	6.59	46	215296	54.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.36%			
24) Chloroform-d	7.20	84	334135	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
26) 1,2-Dichloroethane-d4	7.89	65	146275	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	7.85	84	647768	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	8.90	67	182182	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	9.97	98	588352	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	10.24	79	40692	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	10.59	63	166406	56.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.98%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73957	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	13.52	152	111121	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			

Target Compounds						Qvalue
15) Methyl Acetate	4.20	43	1034	0.096	ug/L #	36
16) Methylene chloride	4.40	84	4978	0.102	ug/L	73
27) 1,2-Dichloroethane	7.85	62	4959	0.136	ug/L	97
34) Trichloroethene	8.46	95	19372	0.434	ug/L #	10
35) Methylcyclohexane	8.90	83	41618	0.626	ug/L #	19
37) 1,2-Dichloropropane	8.90	63	23655	0.643	ug/L #	91
48) 2-Hexanone	10.59	43	26217	3.573	ug/L #	68

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

Data Path : Z:\\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\

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Quant Time: Oct 20 02:00:52 2018
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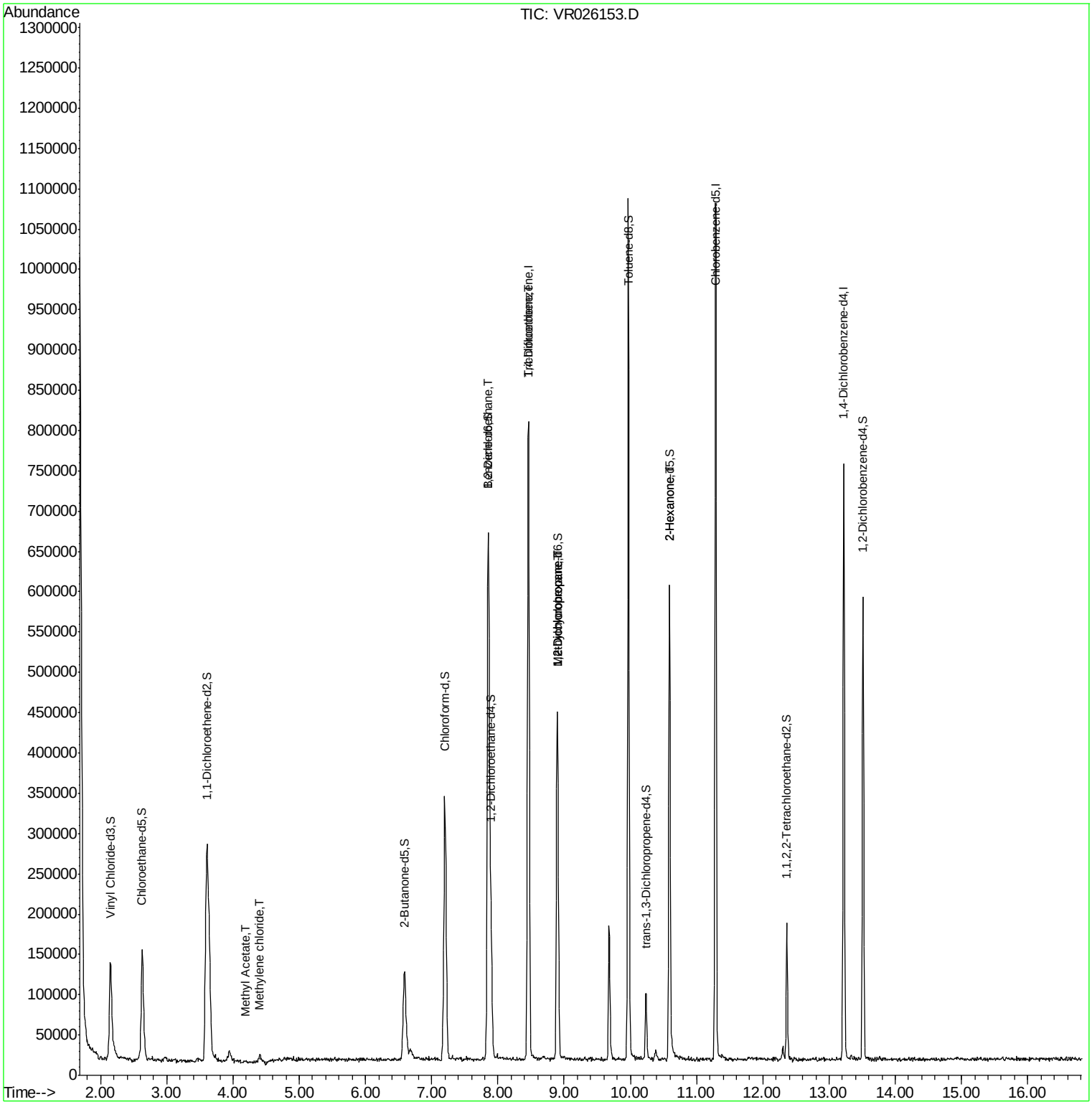
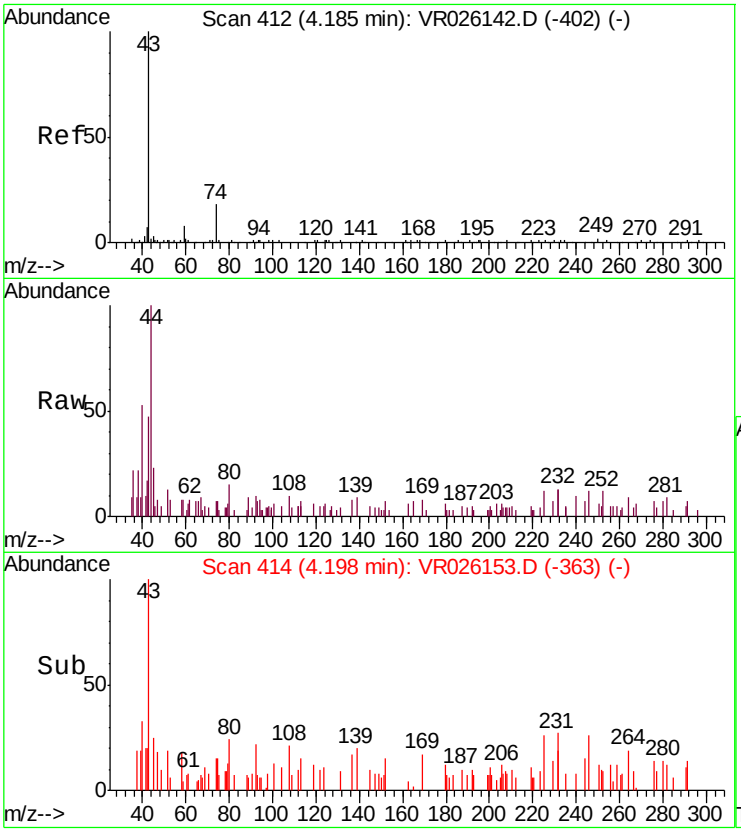
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration



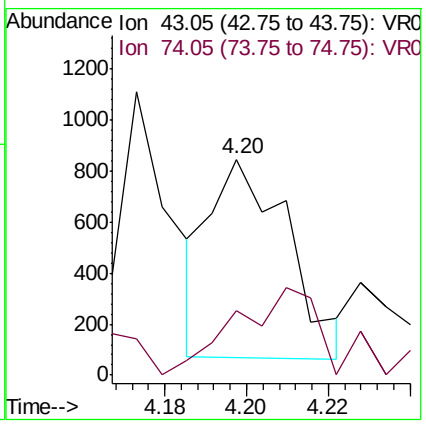


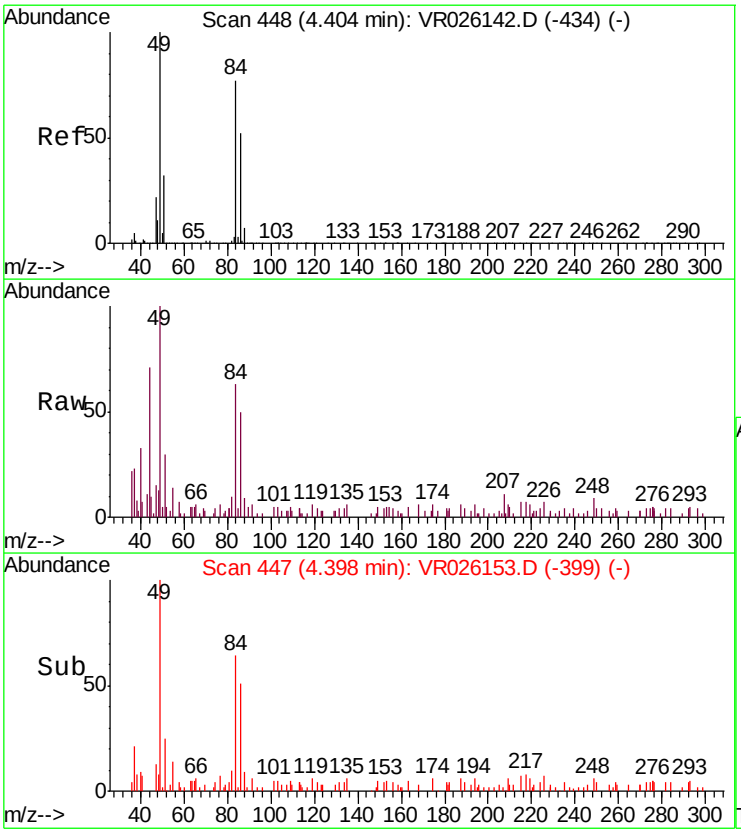
#15
Methyl Acetate
Concen: 0.096 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR026153.D
Acq: 19 Oct 2018 16:51

Instrument : MSVOA_R
ClientSampleId : VSTD00597

Tgt Ion: 43 Resp: 1034

Ion	Ratio	Lower	Upper
43	100		
74	56.6	19.8	29.8#

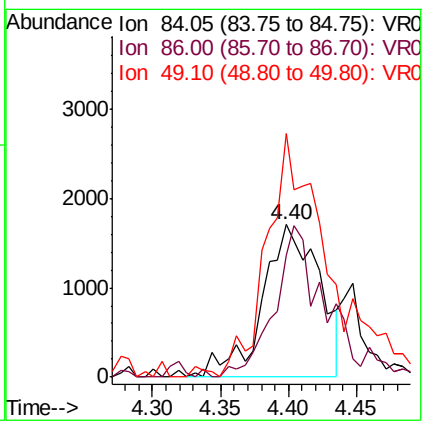


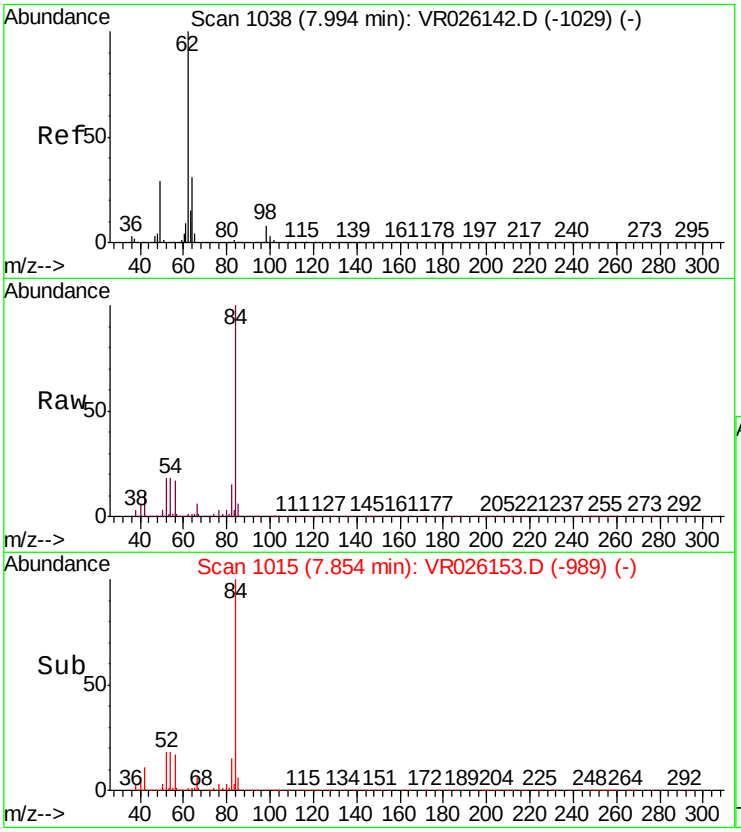


#16
Methylene chloride
Concen: 0.102 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026153.D
Acq: 19 Oct 2018 16:51

Tgt Ion: 84 Resp: 4978

Ion	Ratio	Lower	Upper
84	100		
86	79.6	43.0	79.8
49	159.7	89.1	165.5



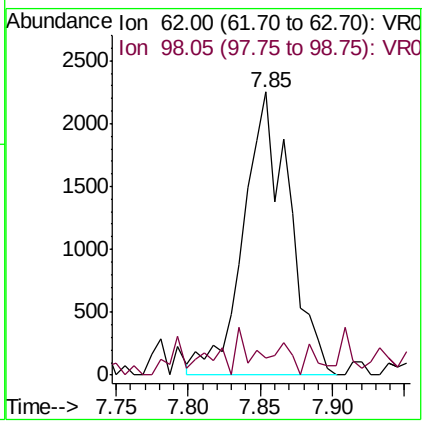


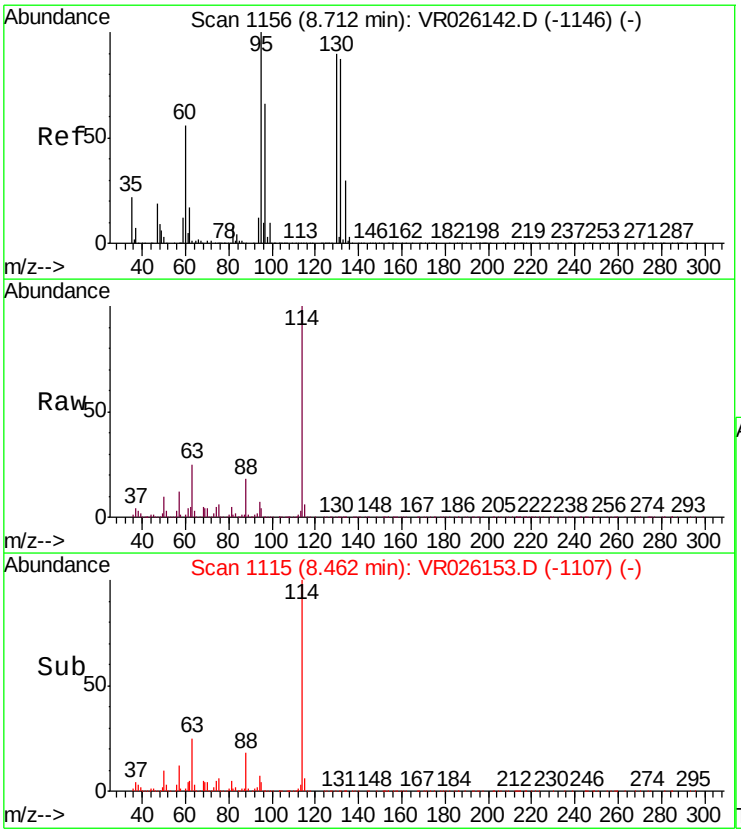
#27
1,2-Dichloroethane
Concen: 0.136 ug/L
RT: 7.85 min Scan# 1015
Delta R.T. -0.14 min
Lab File: VR026153.D
Acq: 19 Oct 2018 16:51

Instrument :
MSVOA_R
ClientSampleId :
VSTD00597

Tgt Ion: 62 Resp: 4959

Ion	Ratio	Lower	Upper
62	100		
98	5.9	5.6	8.4

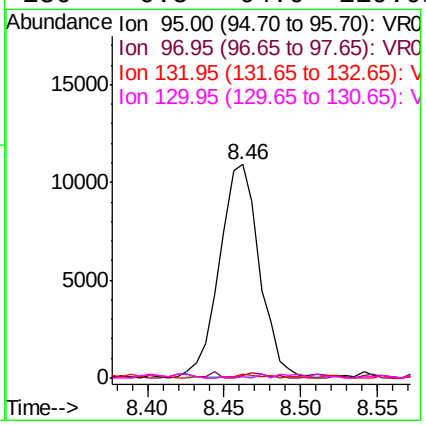


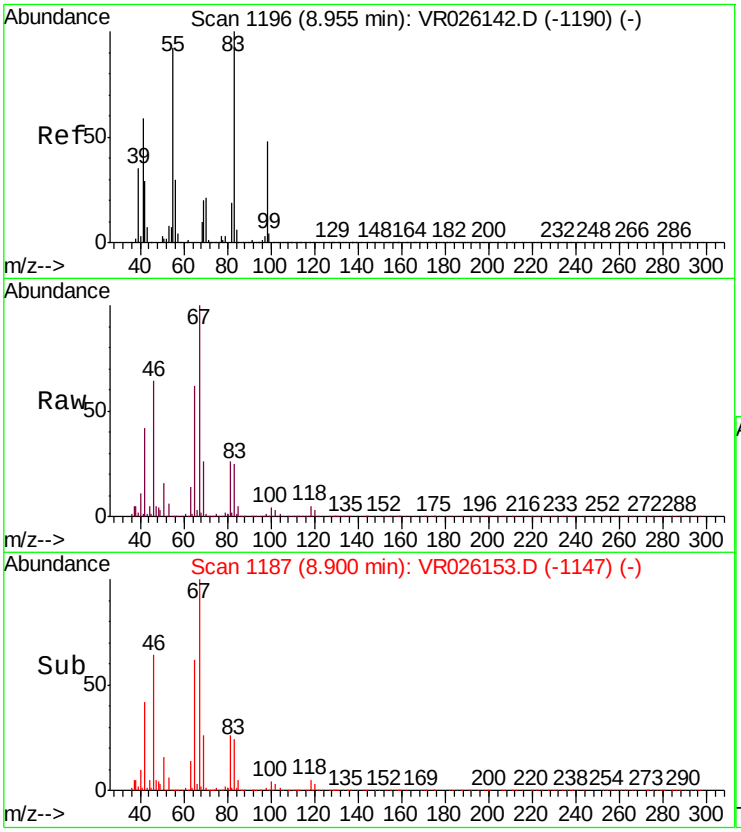


#34
Trichloroethene
Concen: 0.434 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026153.D
Acq: 19 Oct 2018 16:51

Tgt Ion: 95 Resp: 19372

Ion	Ratio	Lower	Upper
95	100		
97	1.5	45.7	84.9#
132	2.0	58.3	108.3#
130	0.5	64.0	119.0#



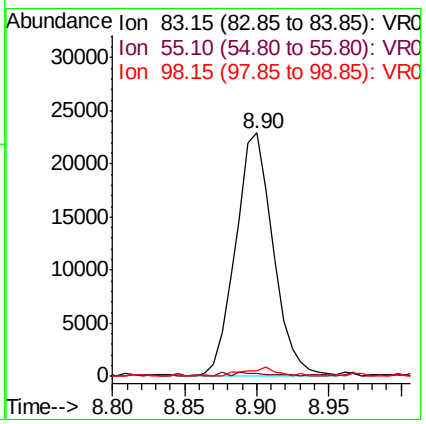


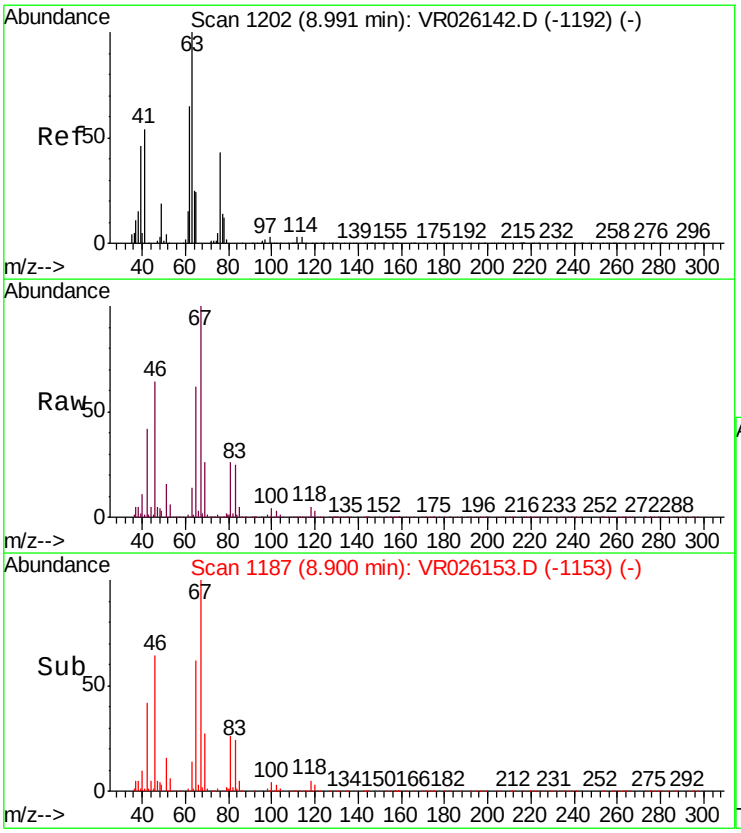
#35
Methylcyclohexane
Concen: 0.626 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026153.D
Acq: 19 Oct 2018 16:51

Instrument :
MSVOA_R
ClientSampleId :
VSTD00597

Tgt Ion: 83 Resp: 41618

Ion	Ratio	Lower	Upper
83	100		
55	2.0	66.8	100.2#
98	3.4	35.2	52.8#

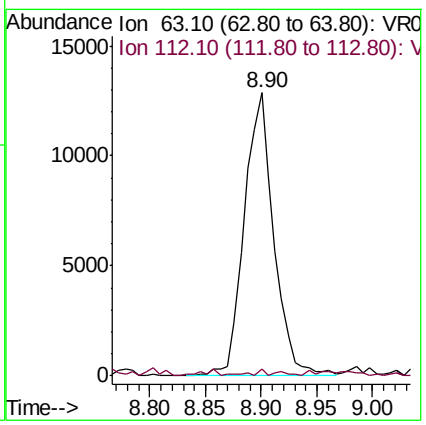


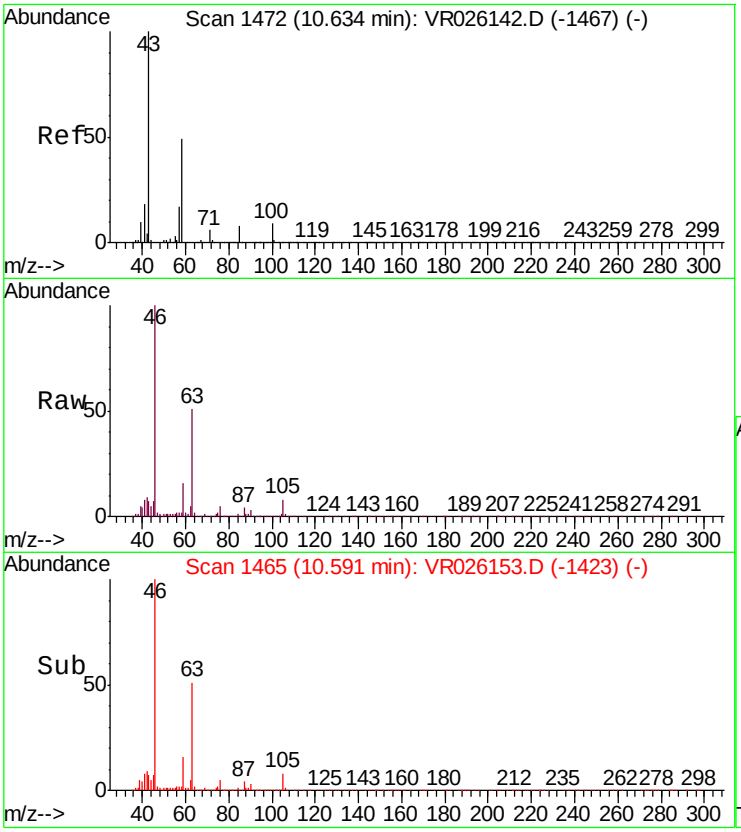


#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026153.D
Acq: 19 Oct 2018 16:51

Tgt Ion: 63 Resp: 23655

Ion	Ratio	Lower	Upper
63	100		
112	0.5	2.7	4.1#





#48
2-Hexanone
Concen: 3.573 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026153.D
Acq: 19 Oct 2018 16:51

Instrument :
MSVOA_R
ClientSampleId :
VSTD00597

Tgt Ion: 43 Resp: 26217

Ion	Ratio	Lower	Upper
43	100		
58	24.0	39.6	59.4#
57	30.5	14.0	21.0#
100	5.4	7.0	10.6#