Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101518\
Data File : VR026090.D
Acq On : 16 Oct 2018 1:09
Operator : SY/MD
Sample : J5379-11
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId :

Quant Time: Oct 16 08:26:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 16 08:21:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	528706	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	454999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	145698	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	231783	5.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.20%			
7) Chloroethane-d5	2.63	69	208237	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.60%			
11) 1,1-Dichloroethene-d2	3.61	63	431385	3.80	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.00%			
20) 2-Butanone-d5	6.59	46	211389	55.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.30%			
24) Chloroform-d	7.20	84	351576	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	7.90	65	152528	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	7.85	84	702143	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	8.90	67	196134	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.80%			
41) Toluene-d8	9.97	98	652356	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	10.24	79	45963	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	10.59	63	170967	59.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.60%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73664	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	13.52	152	115577	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.63	96	16547	0.322	ug/L #	1
13) Acetone	3.71	43	13275	3.380	ug/L	81
18) trans-1,2-Dichloroethene	4.89	96	34183	0.879	ug/L	98
19) 1,1-Dichloroethane	5.69	63	65761	0.901	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	12114604	329.391	ug/L #	73
25) Chloroform	7.23	83	55069	0.773	ug/L	99
27) 1,2-Dichloroethane	7.99	62	4066	0.117	ug/L #	38
29) 1,1,1-Trichloroethane	7.43	97	83313	1.340	ug/L	94
31) Carbon tetrachloride	7.44	117	9583	0.170	ug/L	89
34) Trichloroethene	8.71	95	12115912	277.265	ug/L	83
35) Methylcyclohexane	8.90	83	46018	0.707	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	26417	0.733	ug/L #	94
45) 1,1,2-Trichloroethane	10.44	97	9040	0.595	ug/L	93
47) Tetrachloroethene	10.51	164	21289	0.682	ug/L	90
48) 2-Hexanone	10.59	43	26087	3.631	ug/L #	71
49) Dibromochloromethane	10.51	129	17636	1.031	ug/L #	11
66) 1,2-Dibromo-3-chloropropan	14.19	75	322	0.203	ug/L	91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
Data File : VR026090.D
Acq On : 16 Oct 2018 1:09
Operator : SY/MD
Sample : J5379-11
Misc : 25mL/MSVOA R/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Oct 16 08:26:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 16 08:21:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

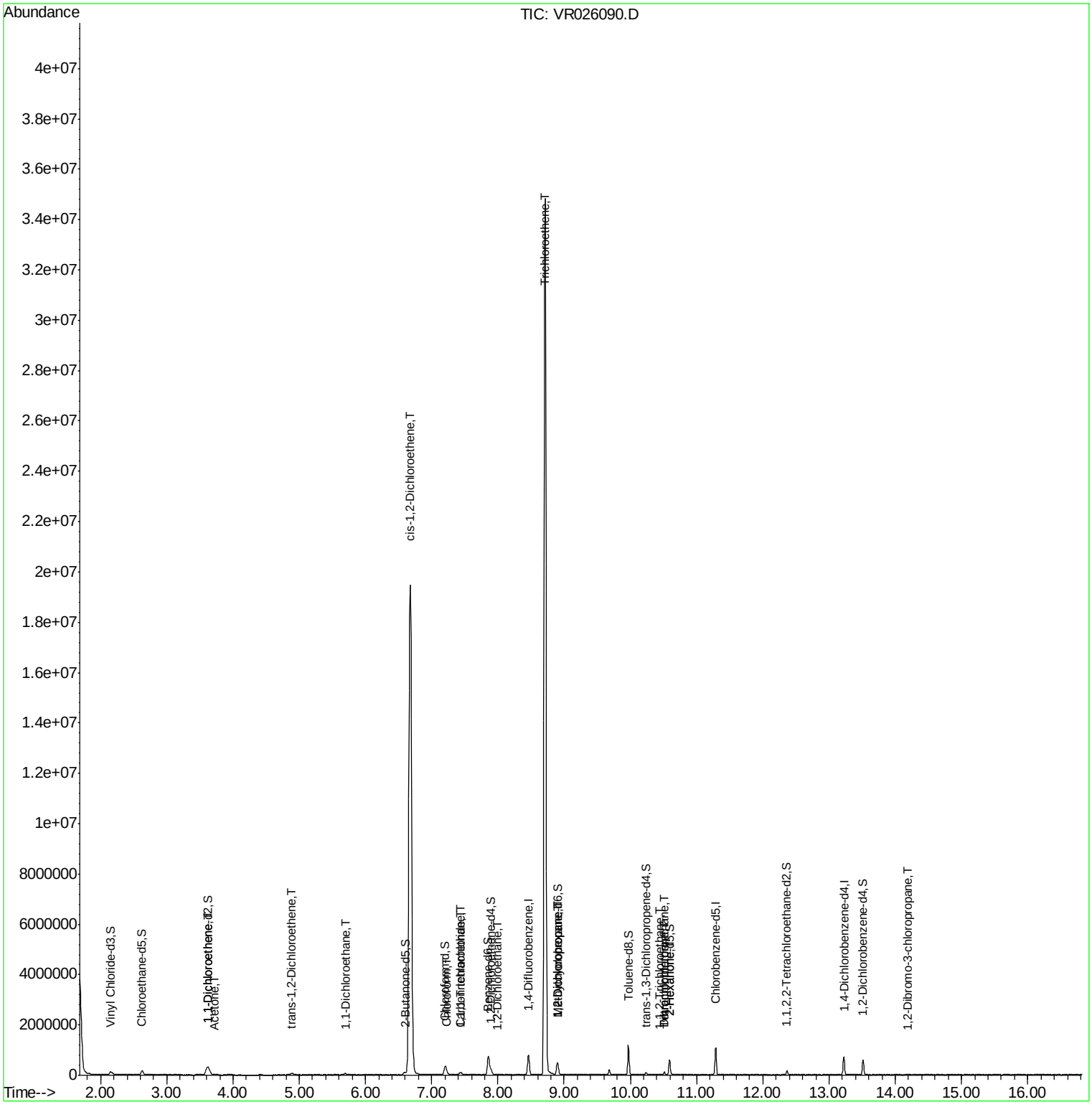
(#) = qualifier out of range (m) = manual integration (+) = signals summed

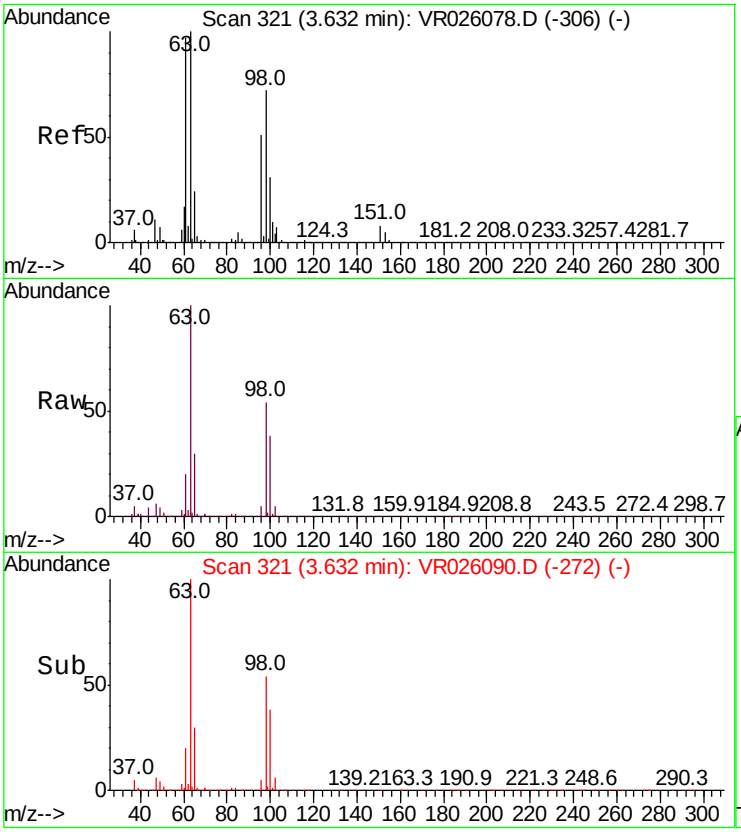
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
Data File : VR026090.D
Acq On : 16 Oct 2018 1:09
Operator : SY/MD
Sample : J5379-11
Misc : 25mL/MSVOA R/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Oct 16 08:26:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 16 08:21:47 2018
Response via : Initial Calibration



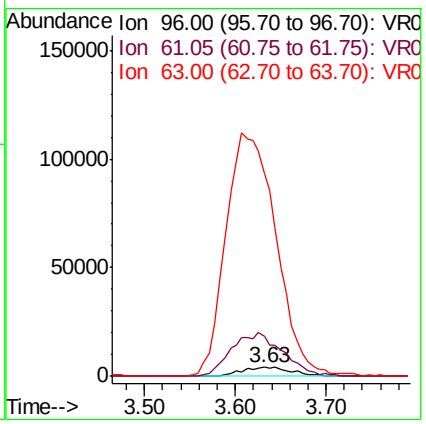


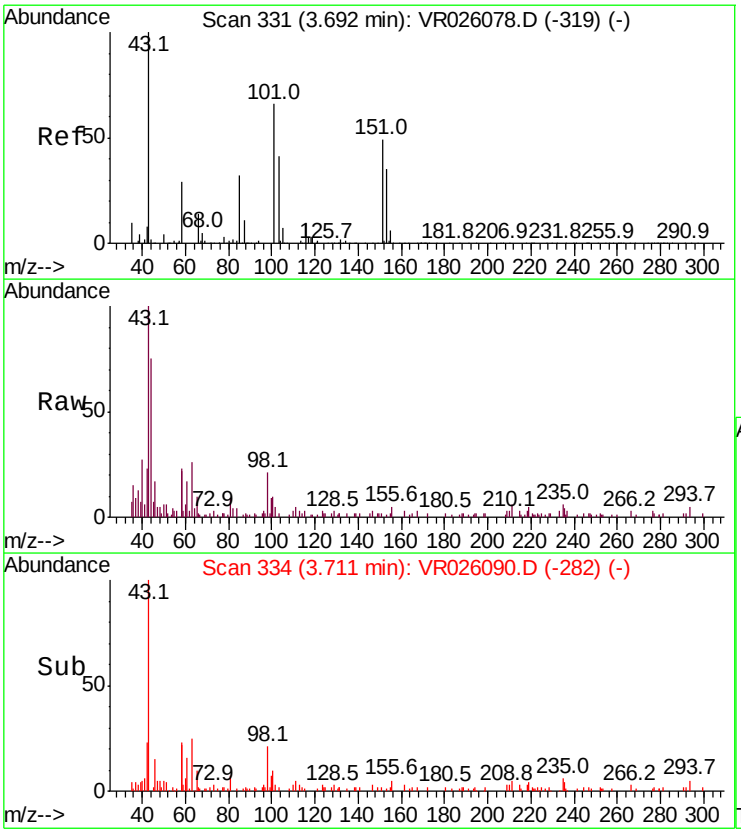
#12
1,1-Dichloroethene
Concen: 0.322 ug/L
RT: 3.63 min Scan# 321
Delta R.T. 0.00 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 96 Resp: 16547

Ion	Ratio	Lower	Upper
96	100		
61	437.1	126.7	235.3#
63	2202.2	125.0	232.2#

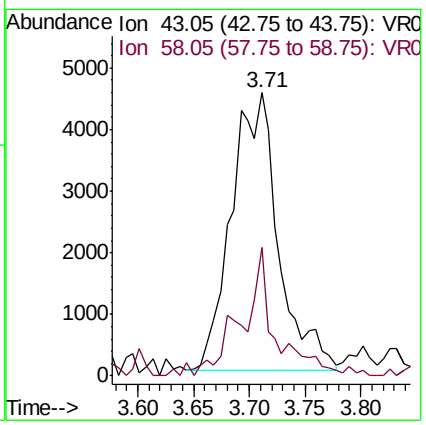


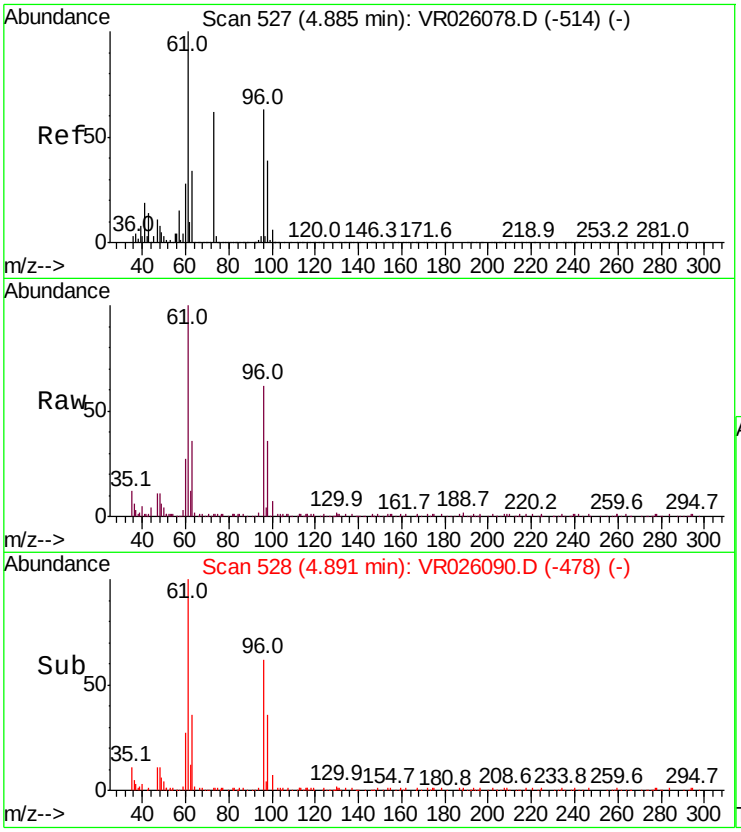


#13
Acetone
Concen: 3.380 ug/L
RT: 3.71 min Scan# 334
Delta R.T. 0.02 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Tgt Ion: 43 Resp: 13275

Ion	Ratio	Lower	Upper
43	100		
58	17.9	0.0	55.4



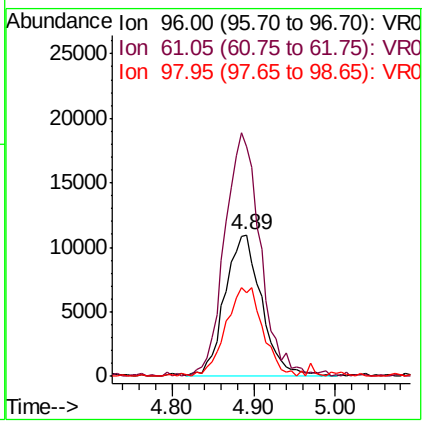


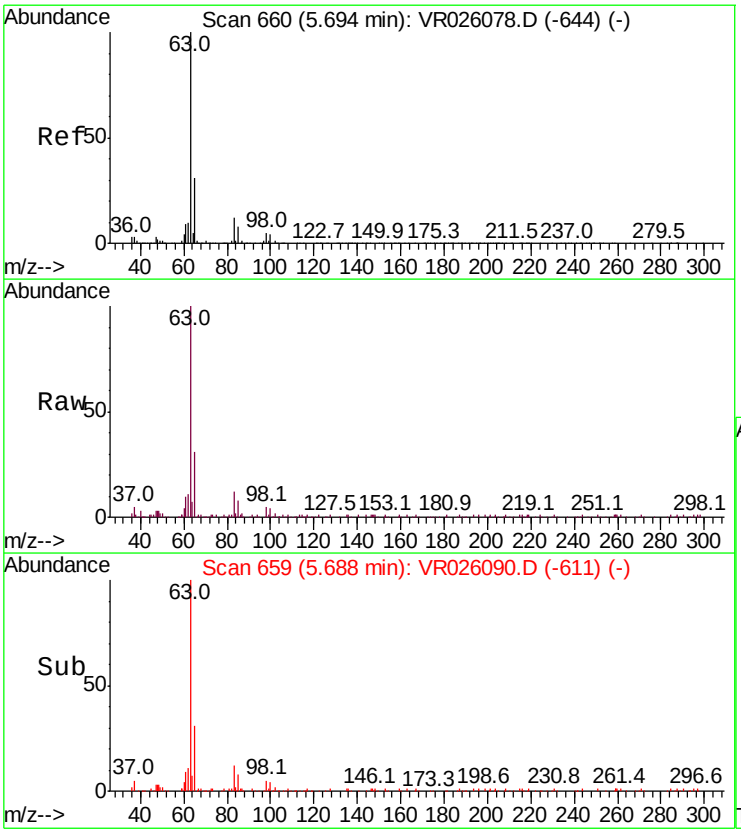
#18
trans-1,2-Dichloroethene
Concen: 0.879 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.01 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 96 Resp: 34183

Ion	Ratio	Lower	Upper
96	100		
61	162.5	111.4	206.8
98	59.0	41.4	77.0

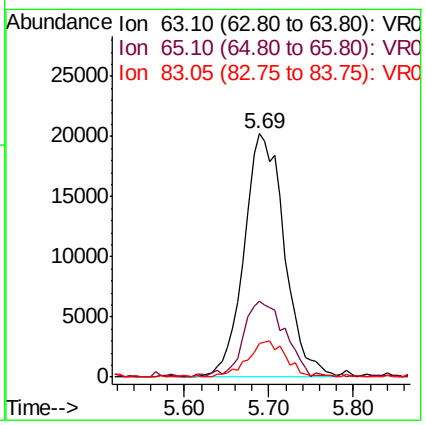


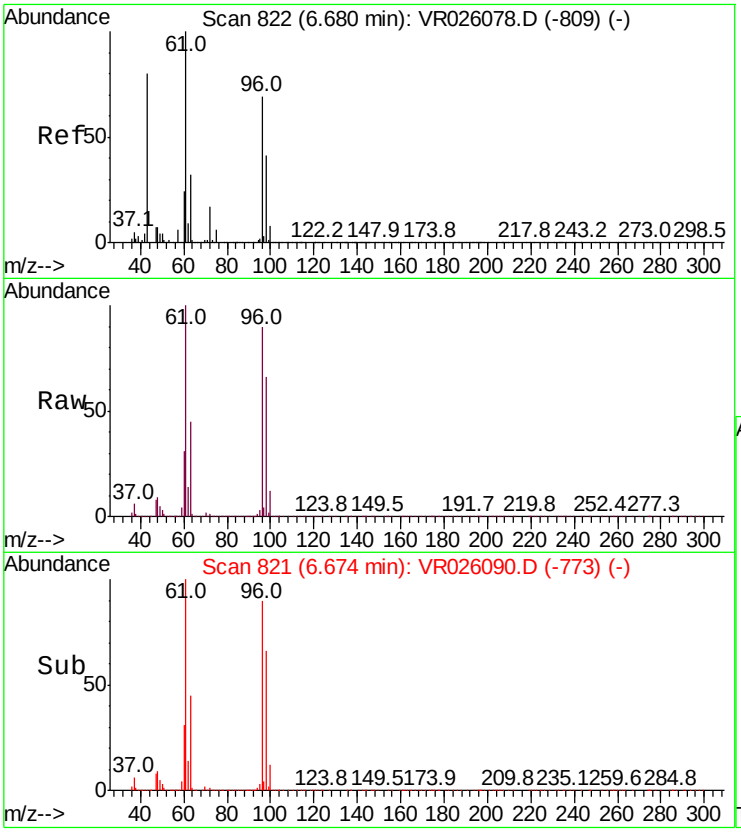


#19
1,1-Dichloroethane
Concen: 0.901 ug/L
RT: 5.69 min Scan# 659
Delta R.T. -0.01 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Tgt Ion: 63 Resp: 65761

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.2	39.4
83	14.1	9.2	17.2



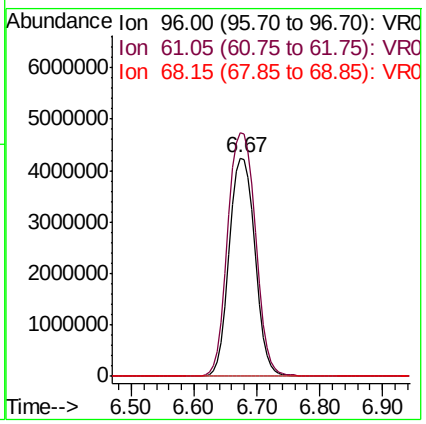


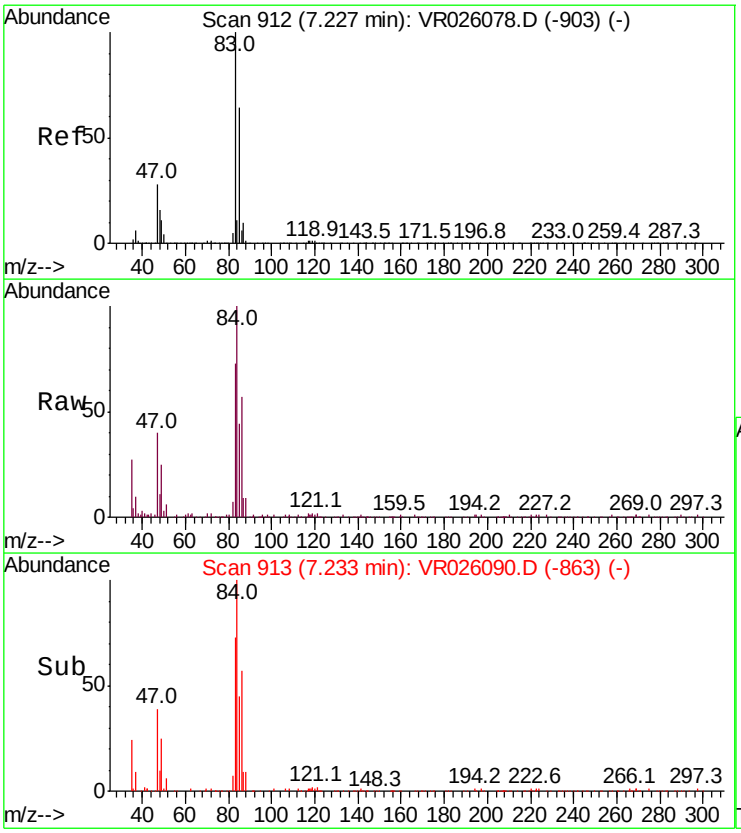
#22
cis-1,2-Dichloroethene
Concen: 329.391 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 96 Resp:12114604

Ion	Ratio	Lower	Upper
96	100		
61	111.6	101.8	189.0
68	0.0	0.1	0.3#

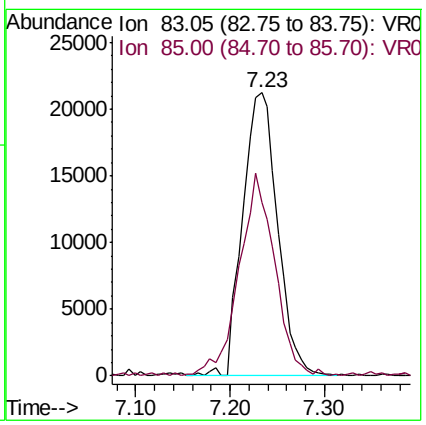


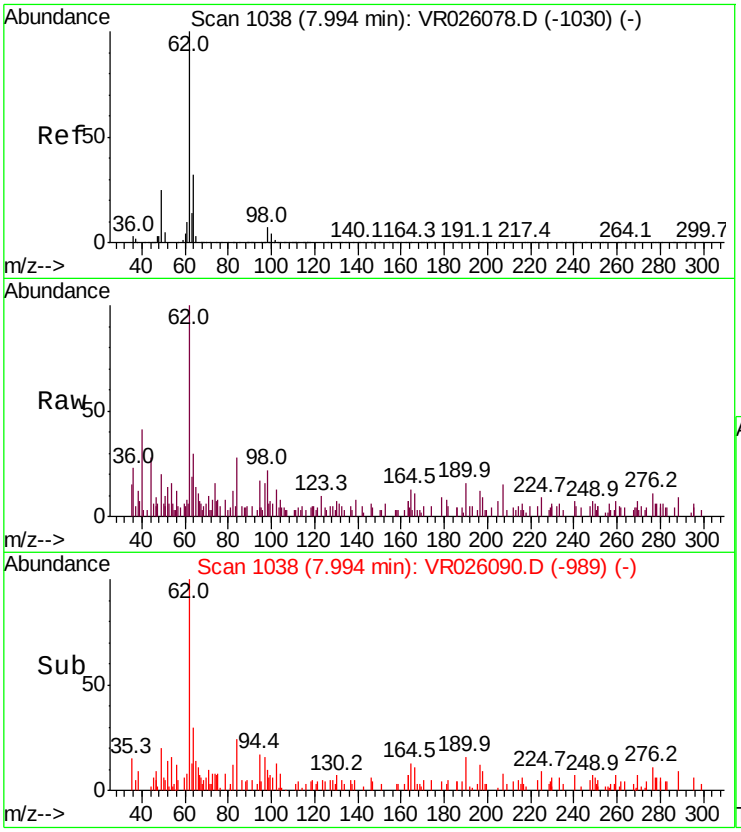


#25
Chloroform
Concen: 0.773 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.01 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Tgt Ion: 83 Resp: 55069

Ion	Ratio	Lower	Upper
83	100		
85	61.1	43.5	80.7



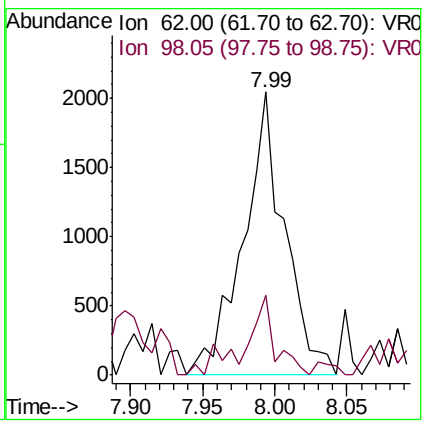


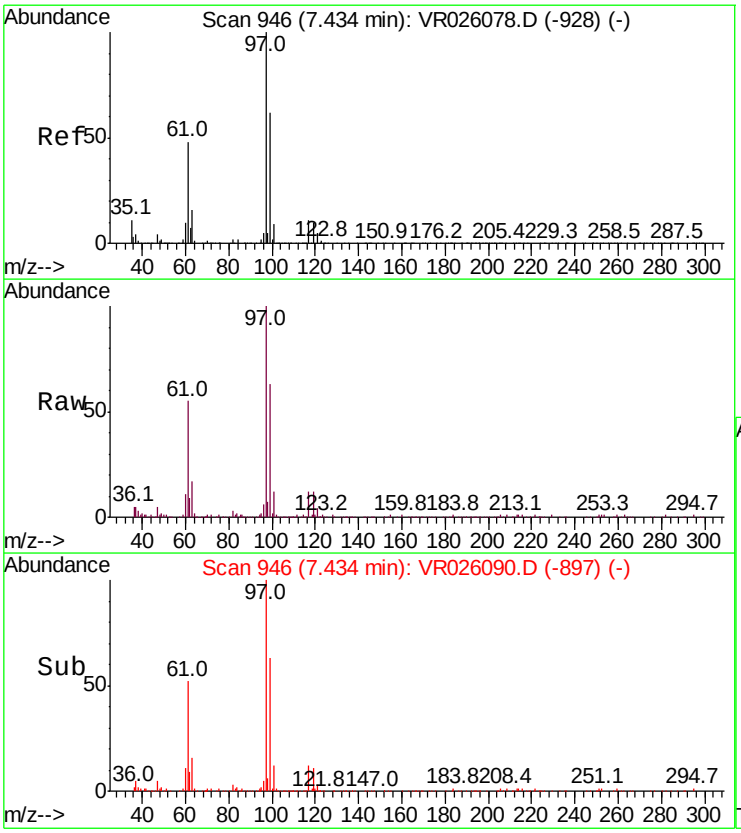
#27
1,2-Dichloroethane
Concen: 0.117 ug/L
RT: 7.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 62 Resp: 4066

Ion	Ratio	Lower	Upper
62	100		
98	28.2	5.6	8.4#

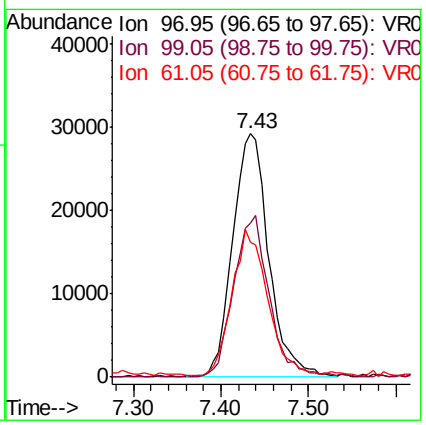


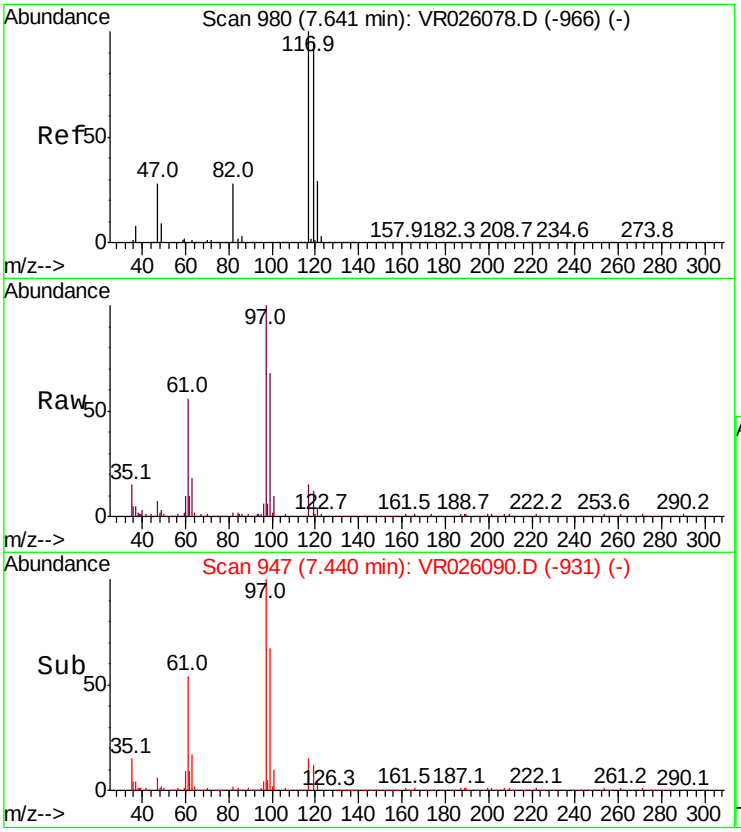


#29
1,1,1-Trichloroethane
Concen: 1.340 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Tgt Ion: 97 Resp: 83313

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.1	76.7
61	59.6	42.1	63.1



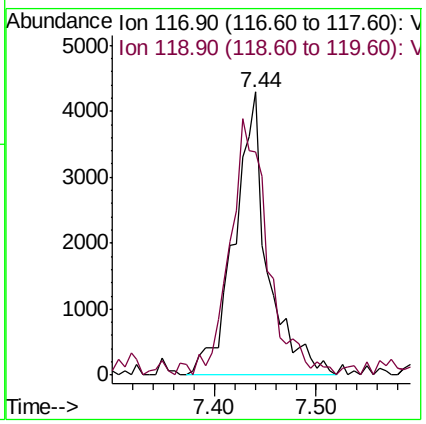


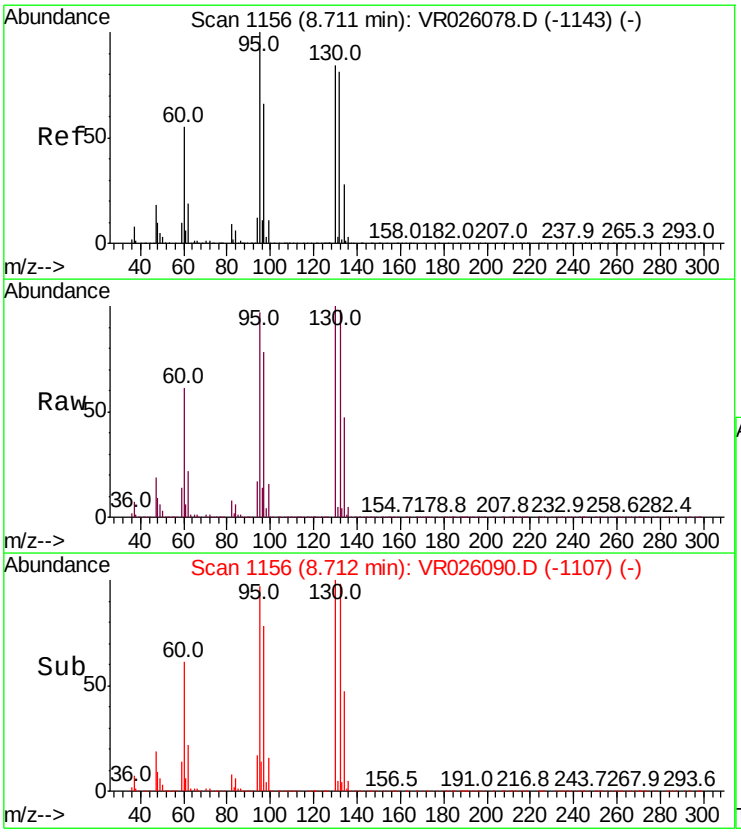
#31
Carbon tetrachloride
Concen: 0.170 ug/L
RT: 7.44 min Scan# 947
Delta R.T. -0.20 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion:117 Resp: 9583

Ion	Ratio	Lower	Upper
117	100		
119	103.2	74.2	111.2

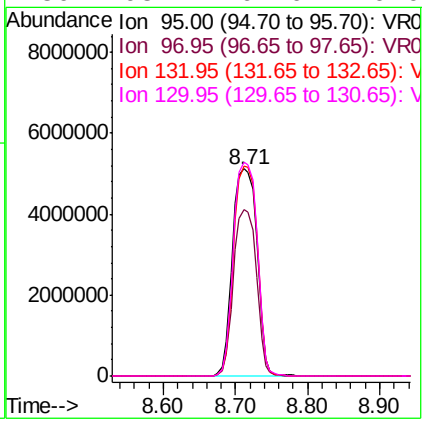


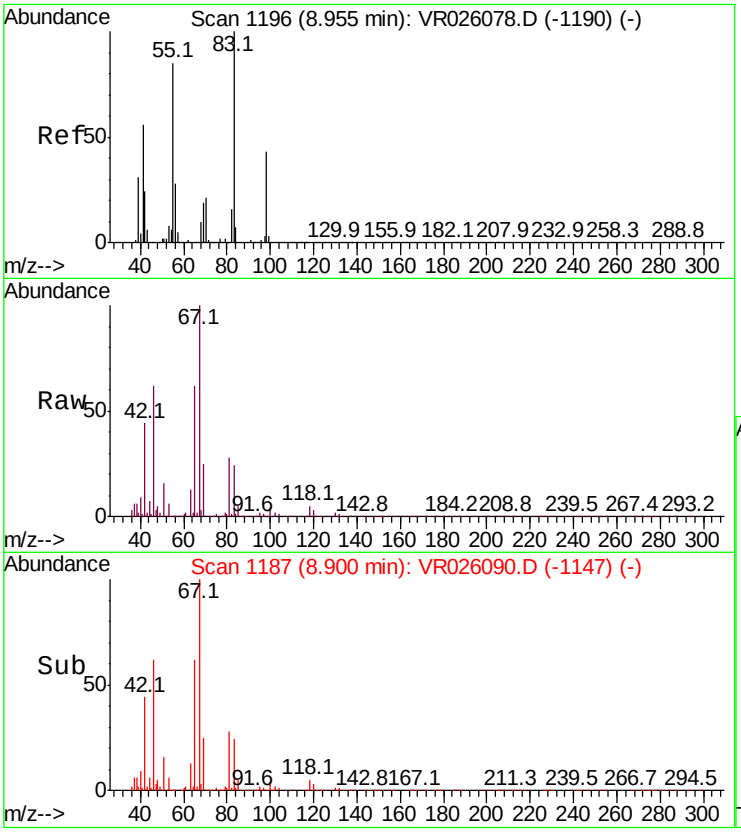


#34
Trichloroethene
Concen: 277.265 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Tgt Ion: 95 Resp:12115912

Ion	Ratio	Lower	Upper
95	100		
97	80.3	45.7	84.9
132	101.2	58.3	108.3
130	103.2	64.0	119.0



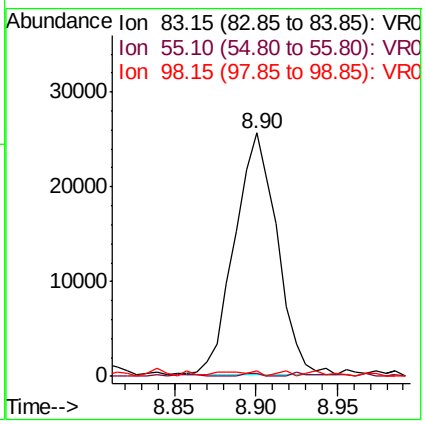


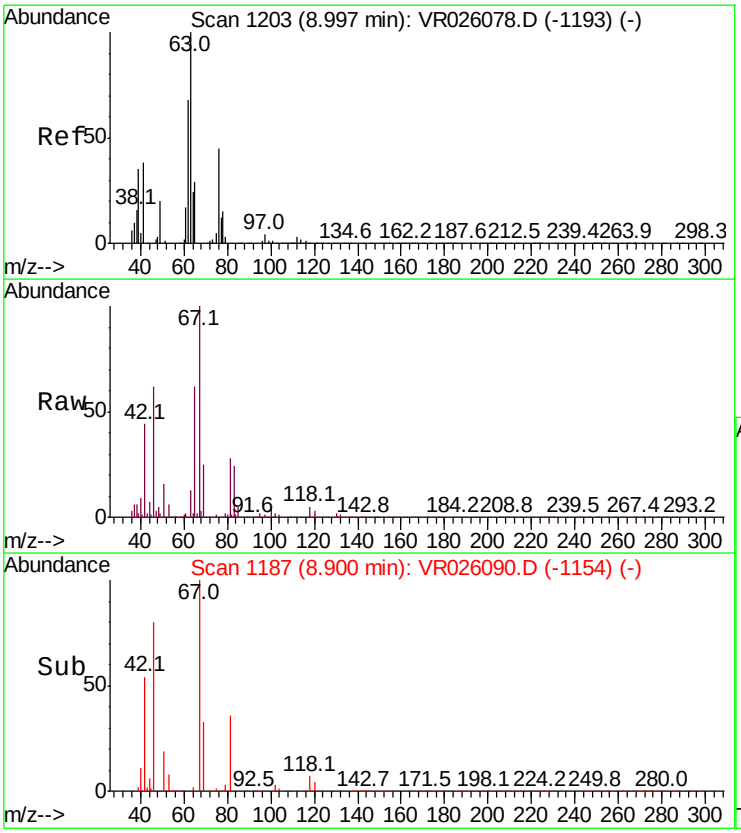
#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 83 Resp: 46018

Ion	Ratio	Lower	Upper
83	100		
55	0.8	66.8	100.2#
98	0.0	35.2	52.8#

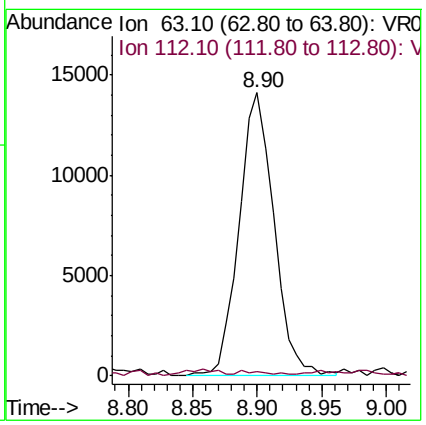


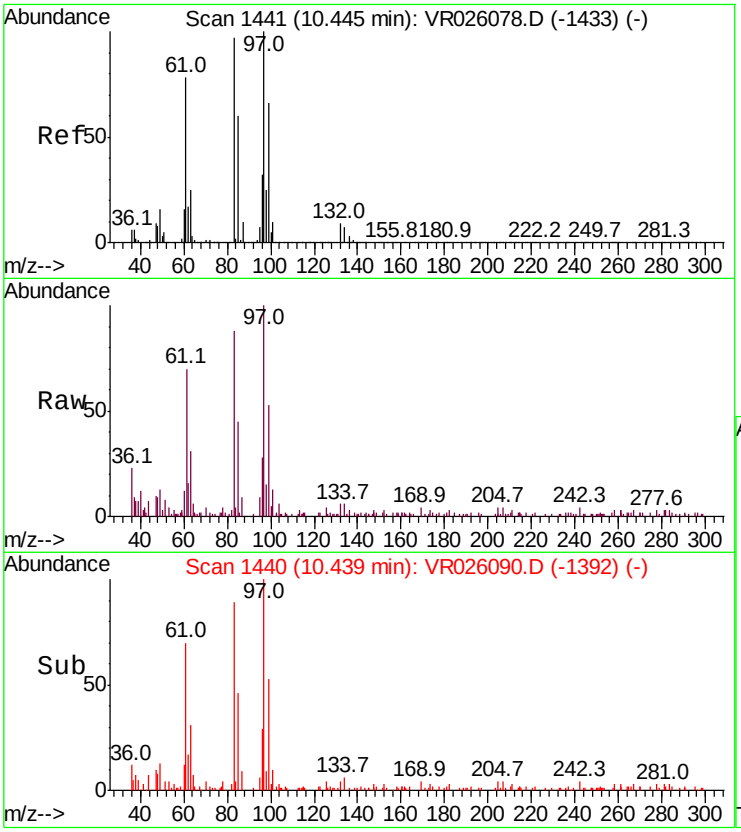


#37
1,2-Dichloropropane
Concen: 0.733 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Tgt Ion: 63 Resp: 26417

Ion	Ratio	Lower	Upper
63	100		
112	1.3	2.7	4.1#



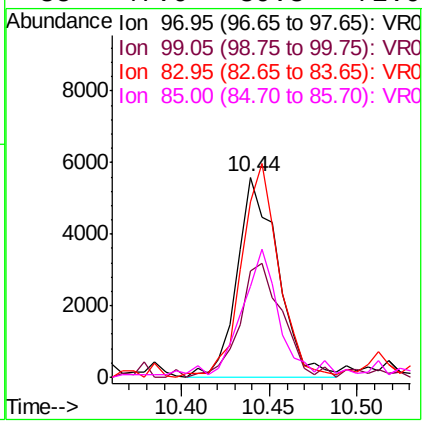


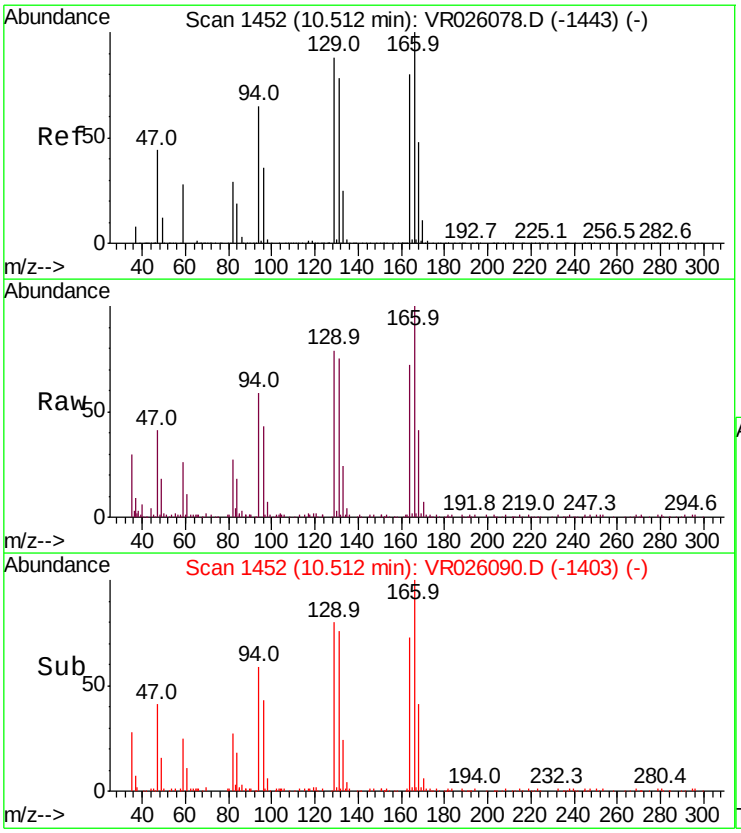
#45
1,1,2-Trichloroethane
Concen: 0.595 ug/L
RT: 10.44 min Scan# 1440
Delta R.T. -0.01 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument : MSVOA_R
ClientSampleId :

Tgt Ion: 97 Resp: 9040

Ion	Ratio	Lower	Upper
97	100		
99	53.3	42.8	79.4
83	87.9	61.9	114.9
85	47.0	39.3	72.9

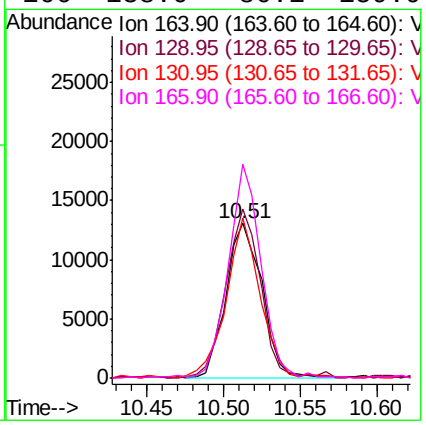


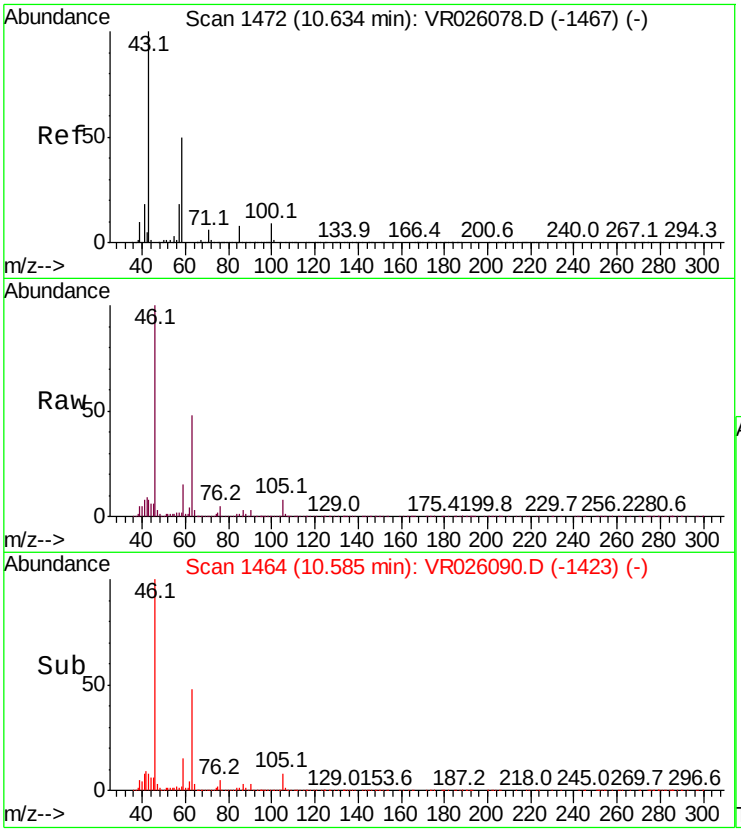


#47
Tetrachloroethene
Concen: 0.682 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Tgt Ion:164 Resp: 21289

Ion	Ratio	Lower	Upper
164	100		
129	109.0	70.3	130.5
131	103.5	67.3	125.1
166	138.0	86.1	159.9



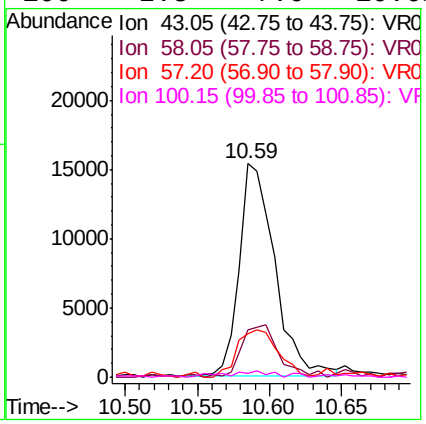


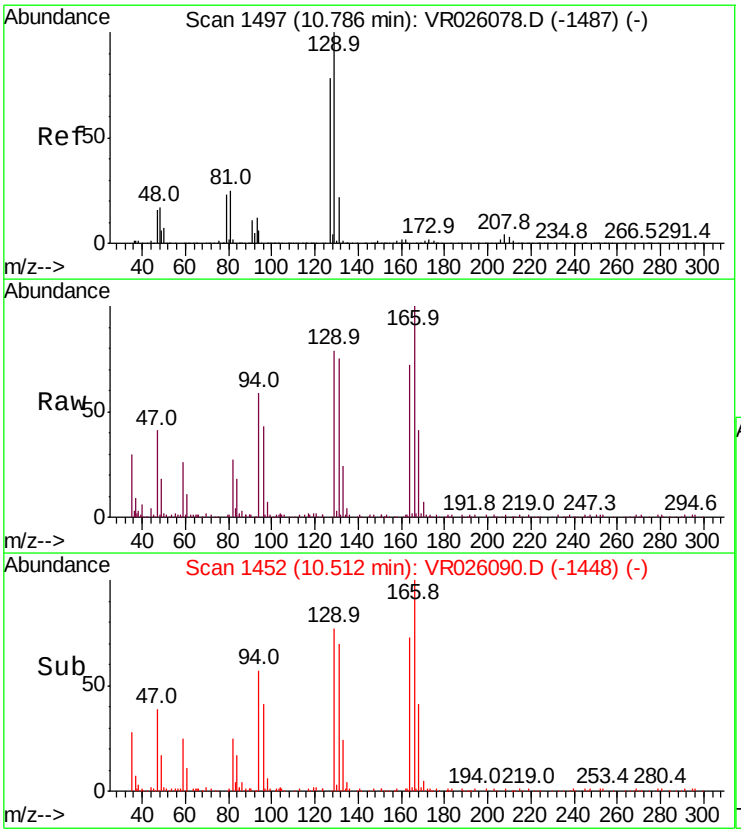
#48
2-Hexanone
Concen: 3.631 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument : MSVOA_R
ClientSampleId :

Tgt Ion: 43 Resp: 26087

Ion	Ratio	Lower	Upper
43	100		
58	25.7	39.6	59.4#
57	25.9	14.0	21.0#
100	2.3	7.0	10.6#

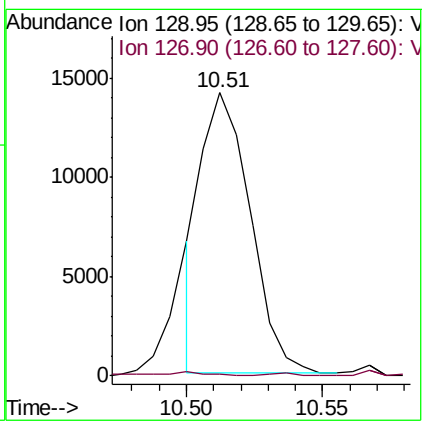


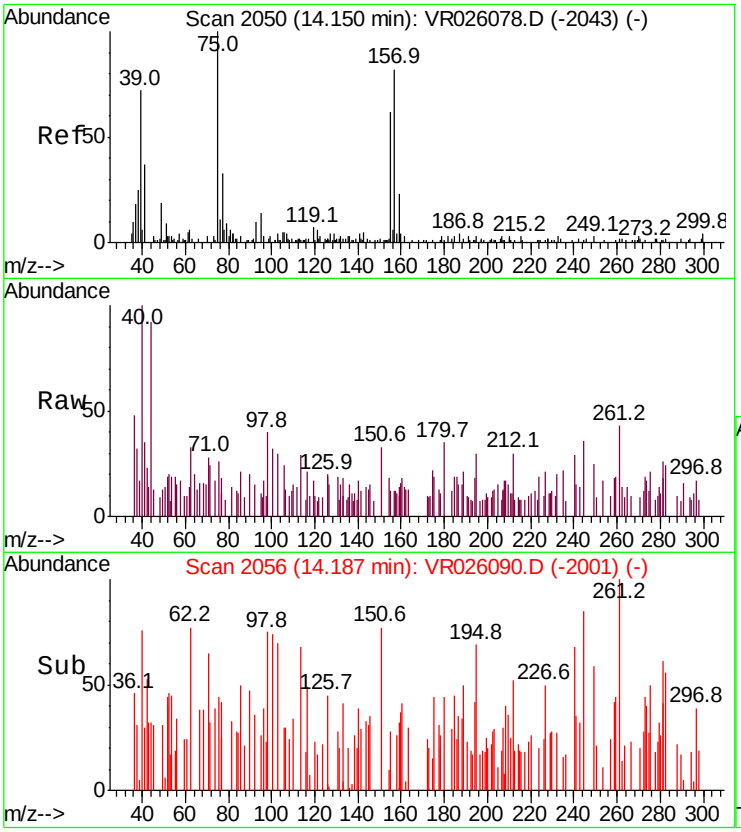


#49
Dibromochloromethane
Concen: 1.031 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Tgt Ion:129 Resp: 17636

Ion	Ratio	Lower	Upper
129	100		
127	0.6	55.0	102.2#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.203 ug/L
RT: 14.19 min Scan# 2056
Delta R.T. 0.04 min
Lab File: VR026090.D
Acq: 16 Oct 2018 1:09

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 75 Resp: 322

Ion	Ratio	Lower	Upper
75	100		
155	45.7	40.9	61.3
157	92.5	67.3	100.9