Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101518\
Data File : VR026084.D
Acq On : 15 Oct 2018 21:49
Operator : SY/MD
Sample : J5379-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : H42A2

Quant Time: Oct 16 10:34:55 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	564271	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	481982	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	154747	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	243982	4.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.80%			
7) Chloroethane-d5	2.63	69	217306	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.40%			
11) 1,1-Dichloroethene-d2	3.61	63	467187	3.85	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%			
20) 2-Butanone-d5	6.59	46	231259	57.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.08%			
24) Chloroform-d	7.20	84	374615	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	7.90	65	160725	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	7.85	84	747796	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	8.90	67	212182	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	9.97	98	695514	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	10.24	79	50086	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	10.59	63	180250	59.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.04%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76932	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	13.52	152	124981	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
13) Acetone	3.70	43	10976	2.619	ug/L	80
18) trans-1,2-Dichloroethene	4.88	96	17284	0.417	ug/L	87
19) 1,1-Dichloroethane	5.69	63	35204	0.452	ug/L	93
22) cis-1,2-Dichloroethene	6.67	96	5345207	136.174	ug/L #	87
25) Chloroform	7.24	83	59002	0.776	ug/L	92
29) 1,1,1-Trichloroethane	7.43	97	45181	0.686	ug/L	93
34) Trichloroethene	8.71	95	13860473	299.431	ug/L	82
45) 1,1,2-Trichloroethane	10.45	97	8809	0.547	ug/L	94
47) Tetrachloroethene	10.51	164	65466	1.981	ug/L	99

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

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Instrument : MSVOA_R
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Quant Time: Oct 16 10:34:55 2018
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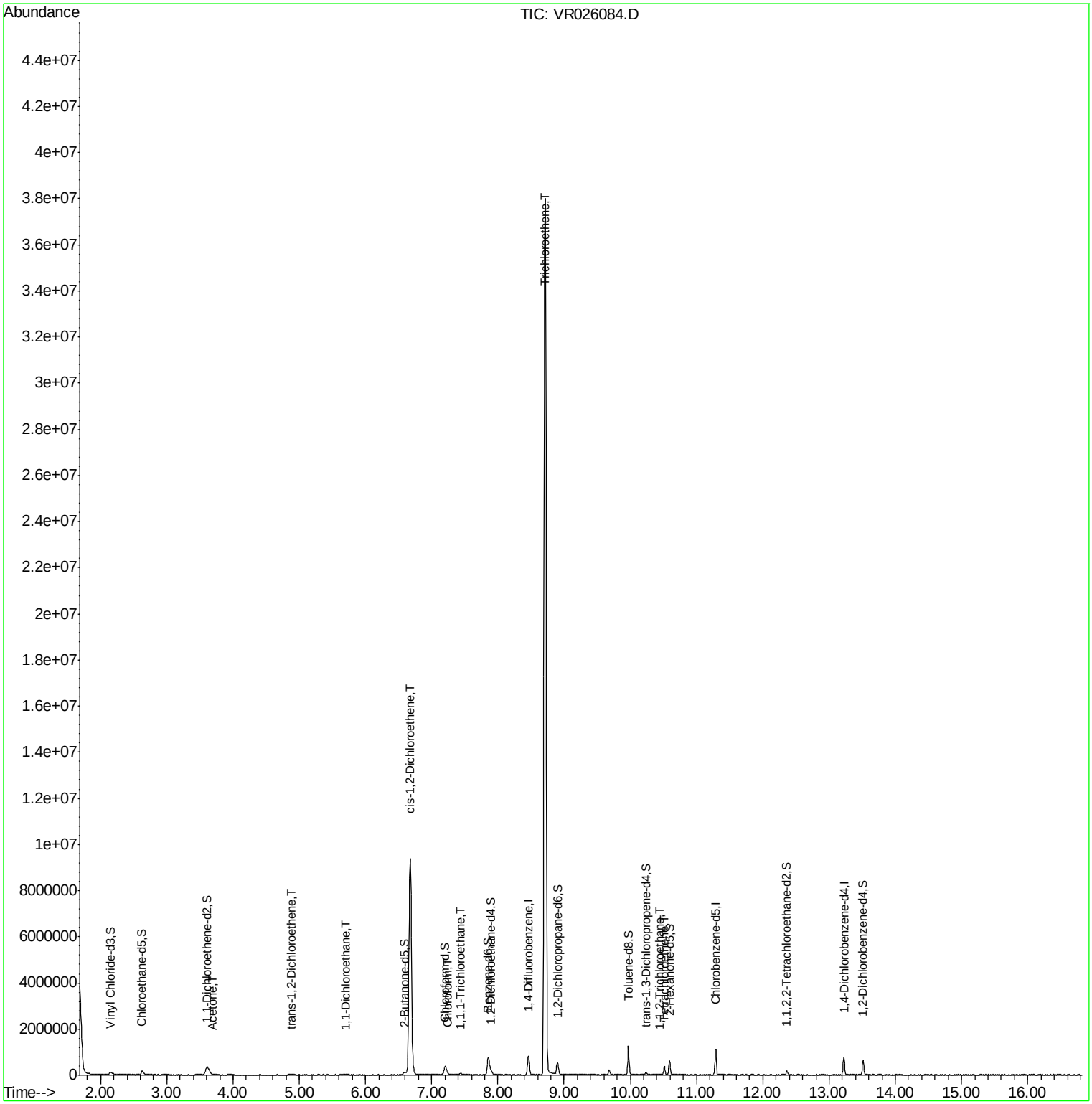
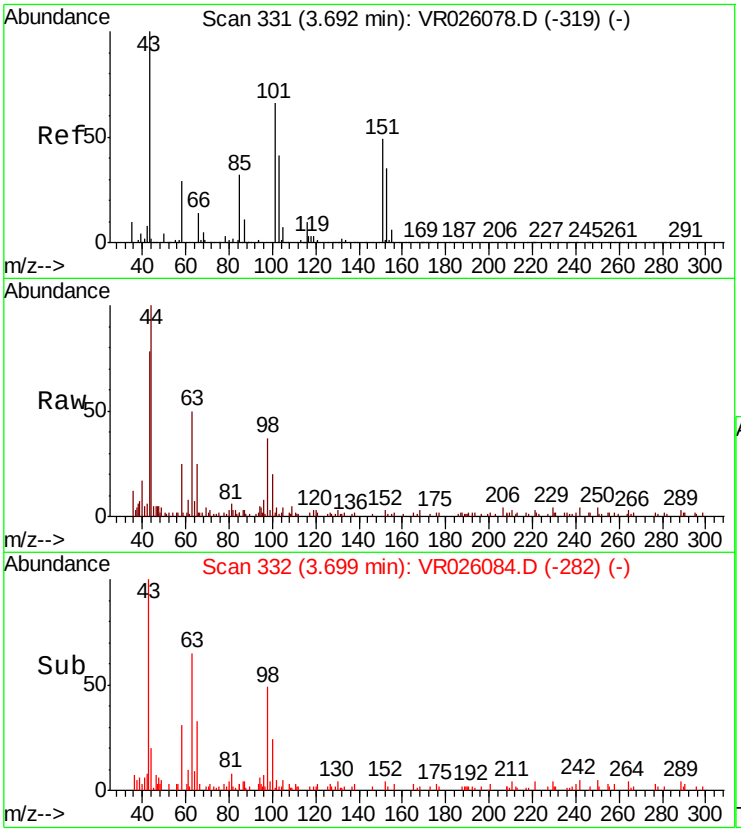
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 16 08:21:47 2018
Response via : Initial Calibration



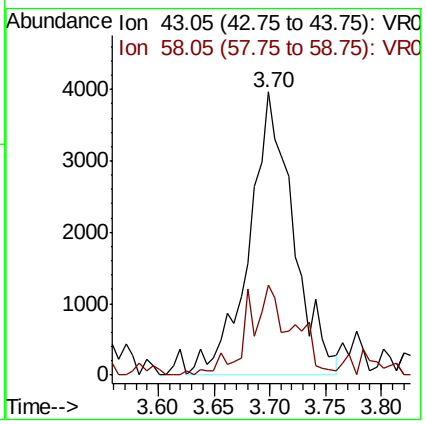


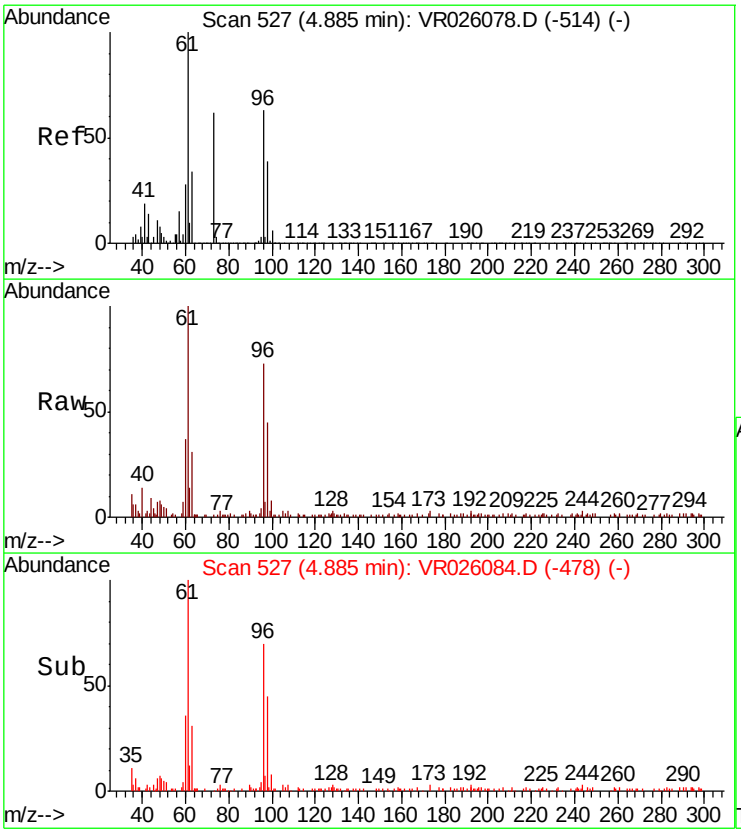
#13
Acetone
Concen: 2.619 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.01 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Instrument : MSVOA_R
ClientSampleId : H42A2

Tgt Ion: 43 Resp: 10976

Ion	Ratio	Lower	Upper
43	100		
58	17.4	0.0	55.4

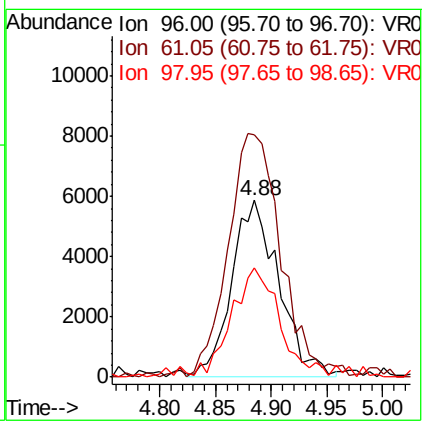


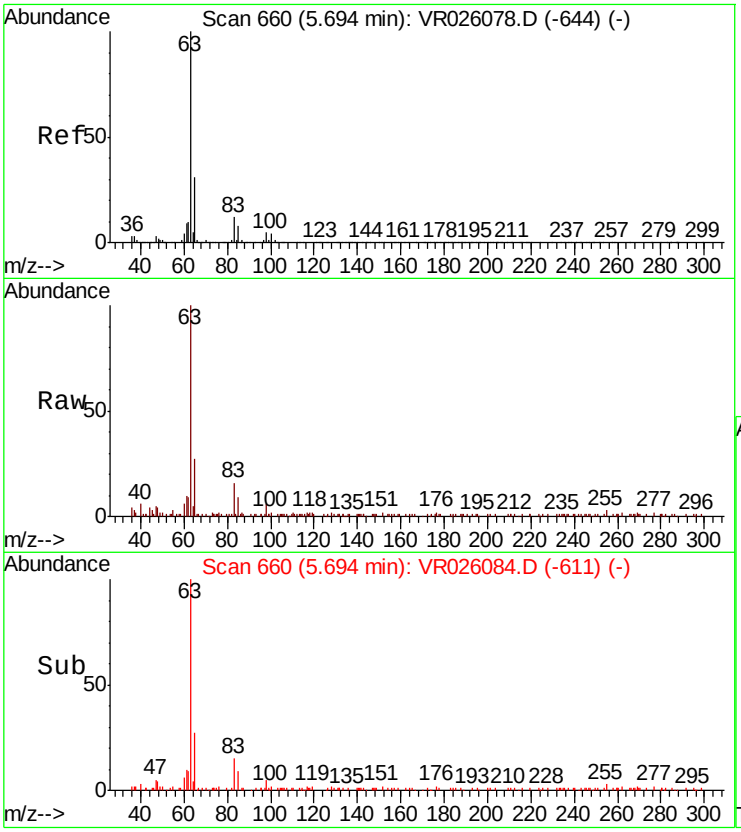


#18
trans-1,2-Dichloroethene
Concen: 0.417 ug/L
RT: 4.88 min Scan# 527
Delta R.T. 0.00 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Tgt Ion: 96 Resp: 17284

Ion	Ratio	Lower	Upper
96	100		
61	137.2	111.4	206.8
98	61.7	41.4	77.0



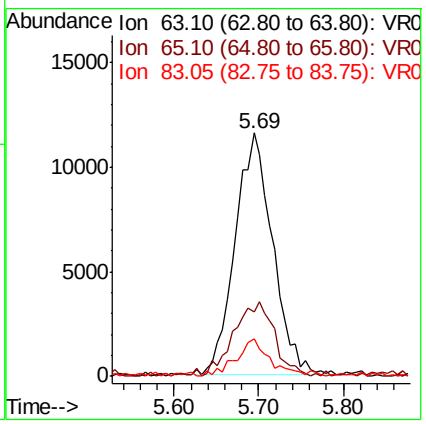


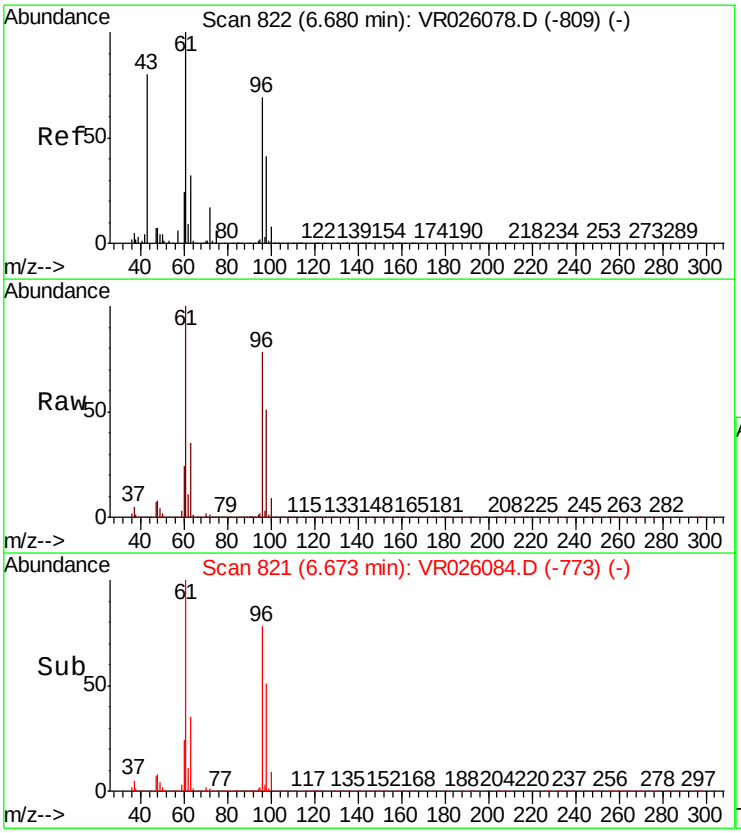
#19
1,1-Dichloroethane
Concen: 0.452 ug/L
RT: 5.69 min Scan# 660
Delta R.T. 0.00 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Instrument : MSVOA_R
ClientSampleId : H42A2

Tgt Ion: 63 Resp: 35204

Ion	Ratio	Lower	Upper
63	100		
65	26.5	21.2	39.4
83	15.6	9.2	17.2

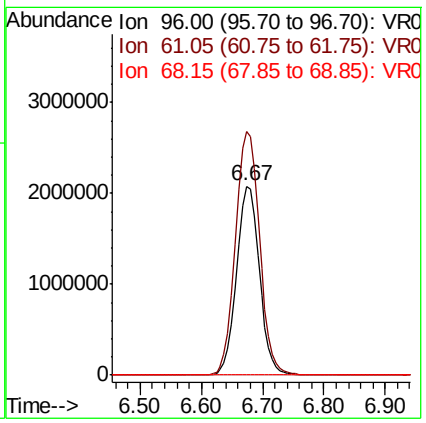


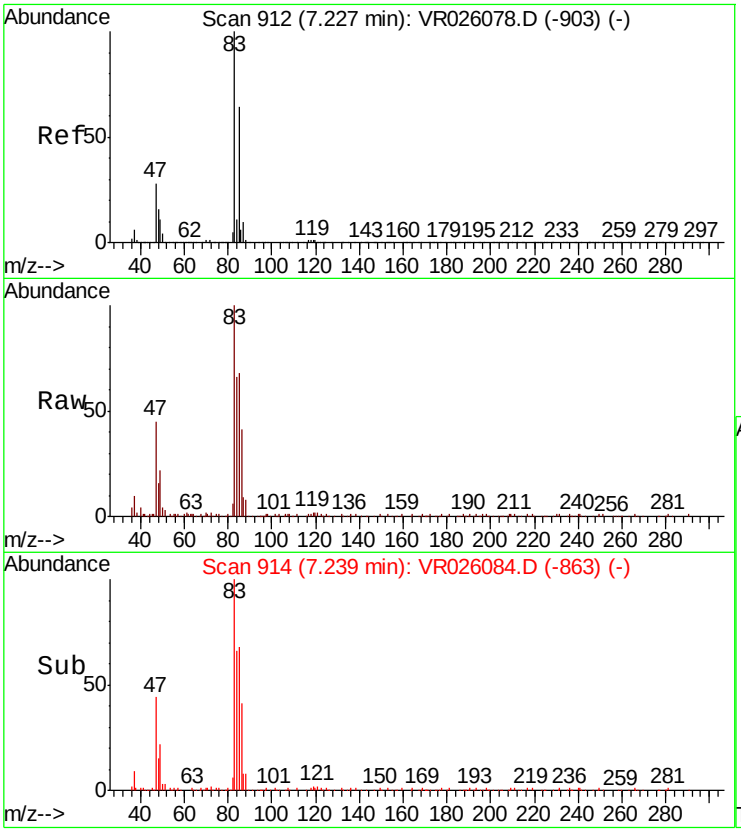


#22
cis-1,2-Dichloroethene
Concen: 136.174 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Tgt Ion: 96 Resp: 5345207

Ion	Ratio	Lower	Upper
96	100		
61	128.8	101.8	189.0
68	0.0	0.1	0.3#



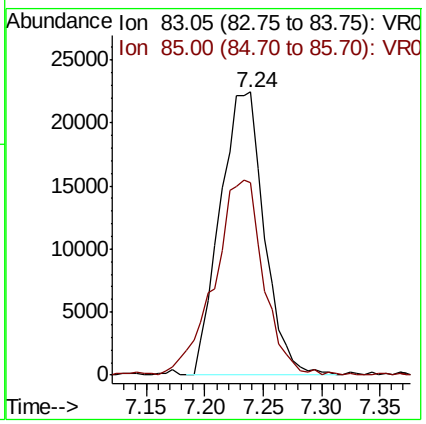


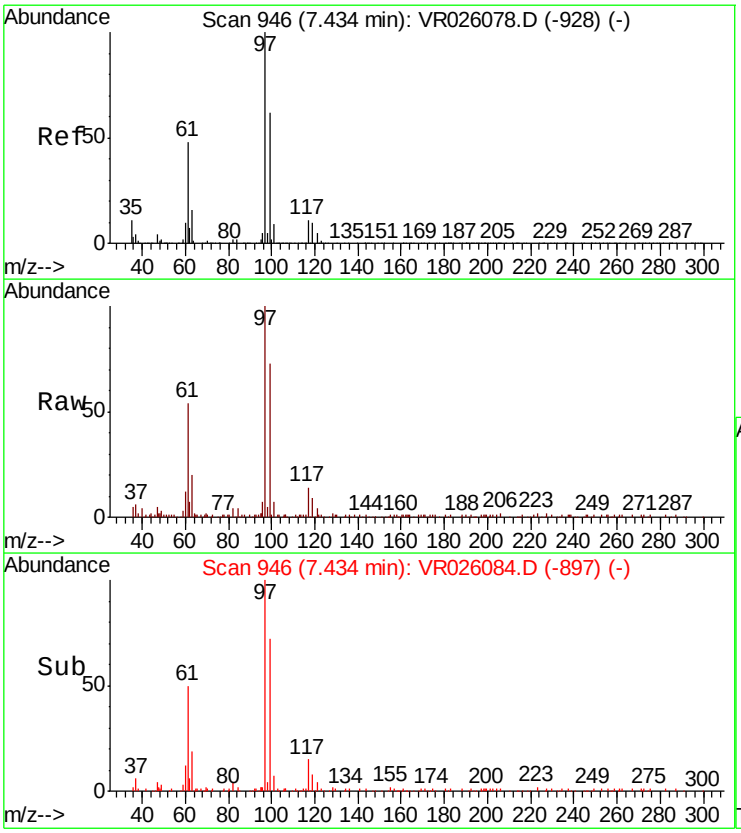
#25
Chloroform
Concen: 0.776 ug/L
RT: 7.24 min Scan# 914
Delta R.T. 0.01 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Instrument : MSVOA_R
ClientSampleId : H42A2

Tgt Ion: 83 Resp: 59002

Ion	Ratio	Lower	Upper
83	100		
85	68.0	43.5	80.7

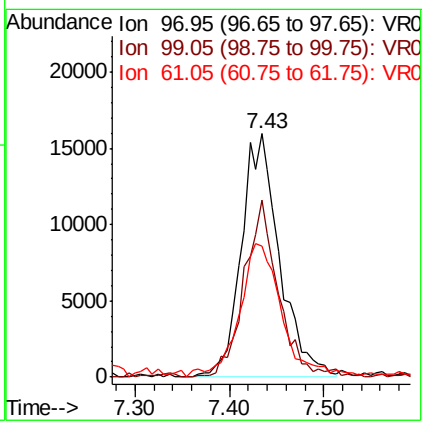


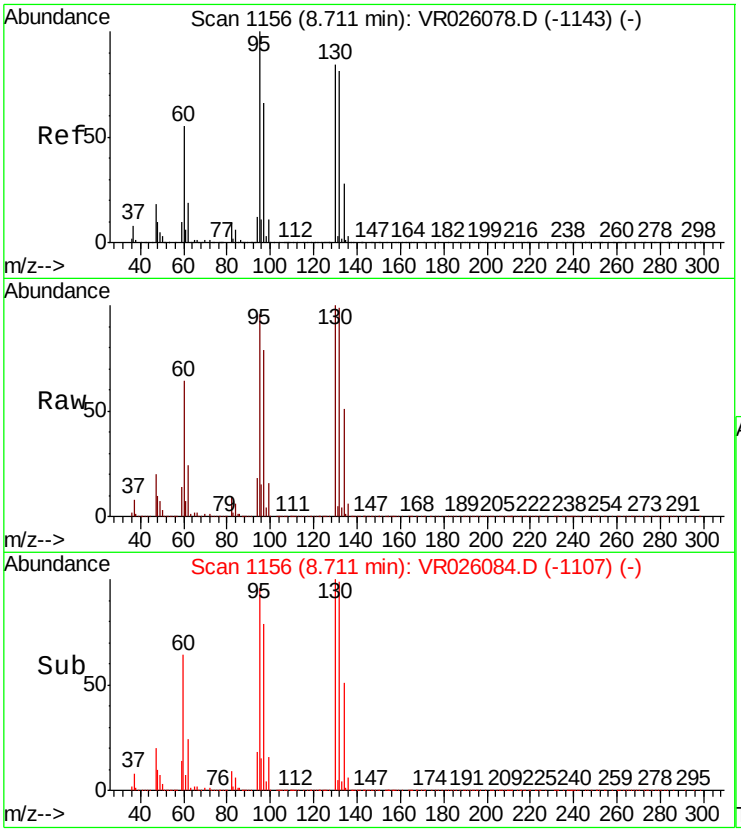


#29
1,1,1-Trichloroethane
Concen: 0.686 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Tgt Ion: 97 Resp: 45181

Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.1	76.7
61	61.0	42.1	63.1



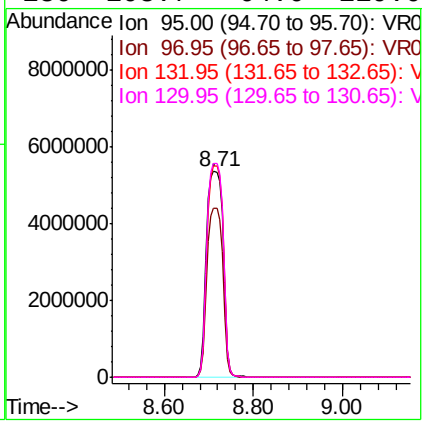


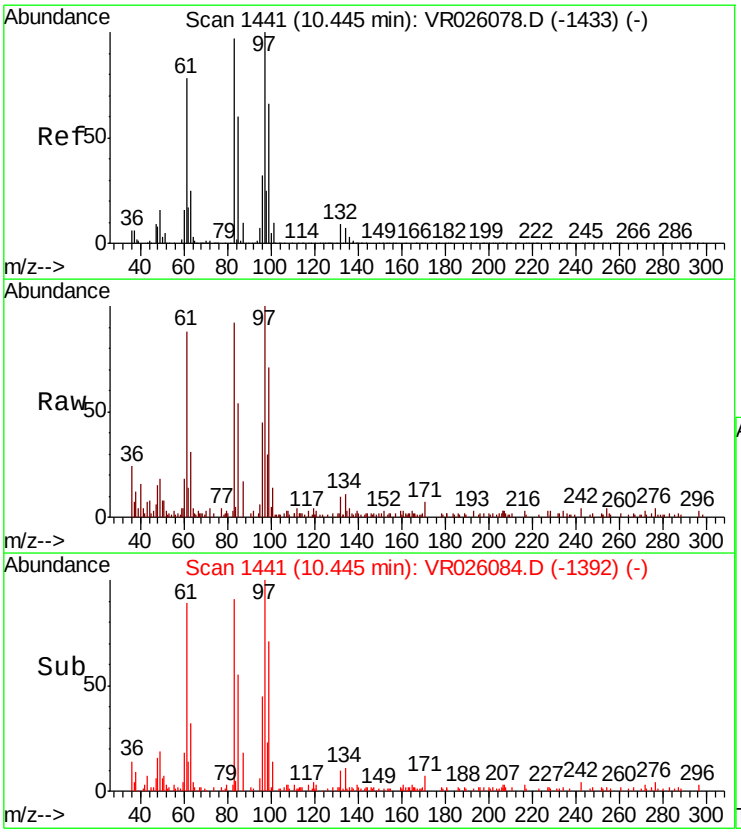
#34
Trichloroethene
Concen: 299.431 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Instrument : MSVOA_R
ClientSampleId : H42A2

Tgt Ion: 95 Resp:13860473

Ion	Ratio	Lower	Upper
95	100		
97	81.8	45.7	84.9
132	102.3	58.3	108.3
130	103.7	64.0	119.0

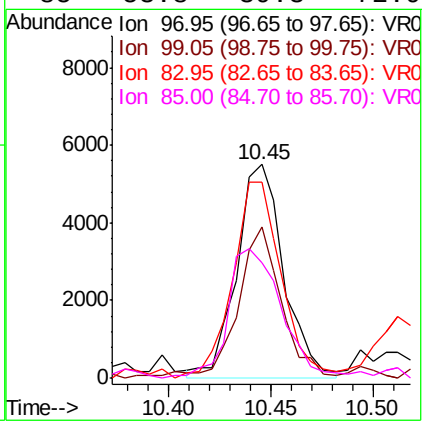


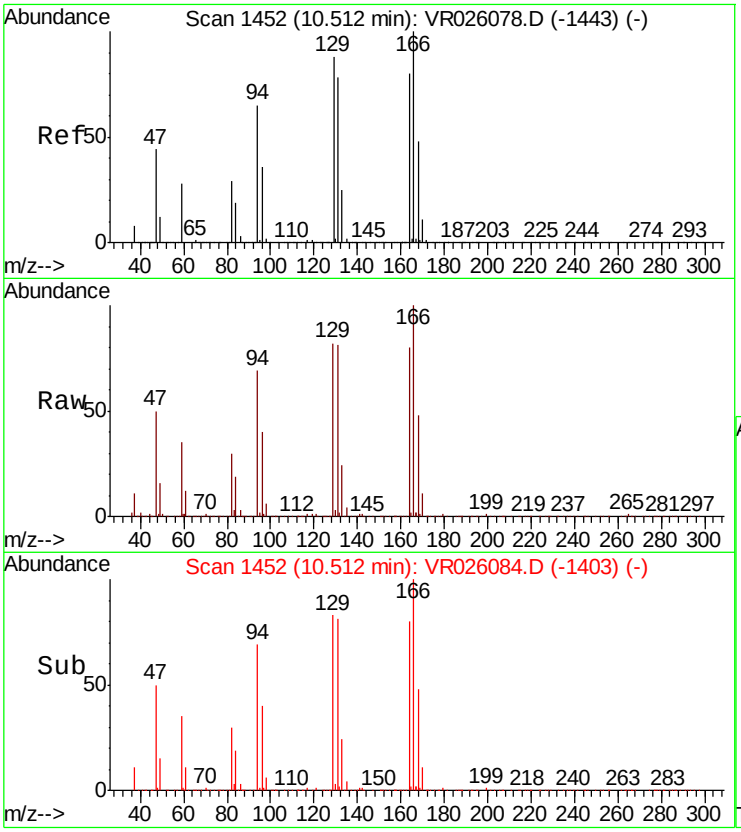


#45
1,1,2-Trichloroethane
Concen: 0.547 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. -0.00 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Tgt Ion: 97 Resp: 8809

Ion	Ratio	Lower	Upper
97	100		
99	71.0	42.8	79.4
83	91.9	61.9	114.9
85	53.8	39.3	72.9





#47
Tetrachloroethene
Concen: 1.981 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026084.D
Acq: 15 Oct 2018 21:49

Instrument :
MSVOA_R
ClientSampleId :
H42A2

Tgt Ion:164 Resp: 65466

Ion	Ratio	Lower	Upper
164	100		
129	100.2	70.3	130.5
131	98.7	67.3	125.1
166	121.5	86.1	159.9