Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101018\

Quantitation Report (Not Reviewed)

Data File : VR026032.D
Acq On : 10 Oct 2018 16:40
Operator : SY/MD
Sample : J5379-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : H42A7

Quant Time: Oct 11 04:15:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	476808	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	403337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	136825	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	131239	3.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.80%			
7) Chloroethane-d5	2.63	69	129321	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.20%			
11) 1,1-Dichloroethene-d2	3.64	63	243267	2.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.00%#			
20) 2-Butanone-d5	6.59	46	197164	47.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.08%			
24) Chloroform-d	7.20	84	251047	3.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.80%			
26) 1,2-Dichloroethane-d4	7.90	65	119454	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
32) Benzene-d6	7.85	84	467526	3.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.60%#			
36) 1,2-Dichloropropane-d6	8.90	67	141539	3.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.20%			
41) Toluene-d8	9.97	98	407624	3.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 64.60%#			
43) trans-1,3-Dichloropropene-	10.24	79	31186	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	10.59	63	153759	49.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.20%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62114	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	86928	3.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 79.40%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.64	96	4723	0.131	ug/L #	1
13) Acetone	3.71	43	4816	1.585	ug/L	83
18) trans-1,2-Dichloroethene	4.89	96	7128	0.239	ug/L	99
19) 1,1-Dichloroethane	5.69	63	6654	0.113	ug/L #	94
22) cis-1,2-Dichloroethene	6.68	96	327937	10.948	ug/L #	99
25) Chloroform	7.23	83	8986	0.157	ug/L	82
27) 1,2-Dichloroethane	7.85	62	3996	0.140	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	87313	1.925	ug/L	96
31) Carbon tetrachloride	7.43	117	10055	0.256	ug/L	99
34) Trichloroethene	8.71	95	1376275	38.610	ug/L	89
35) Methylcyclohexane	8.90	83	35022	0.653	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	19625	0.676	ug/L #	94
48) 2-Hexanone	10.59	43	24029	3.596	ug/L #	75

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

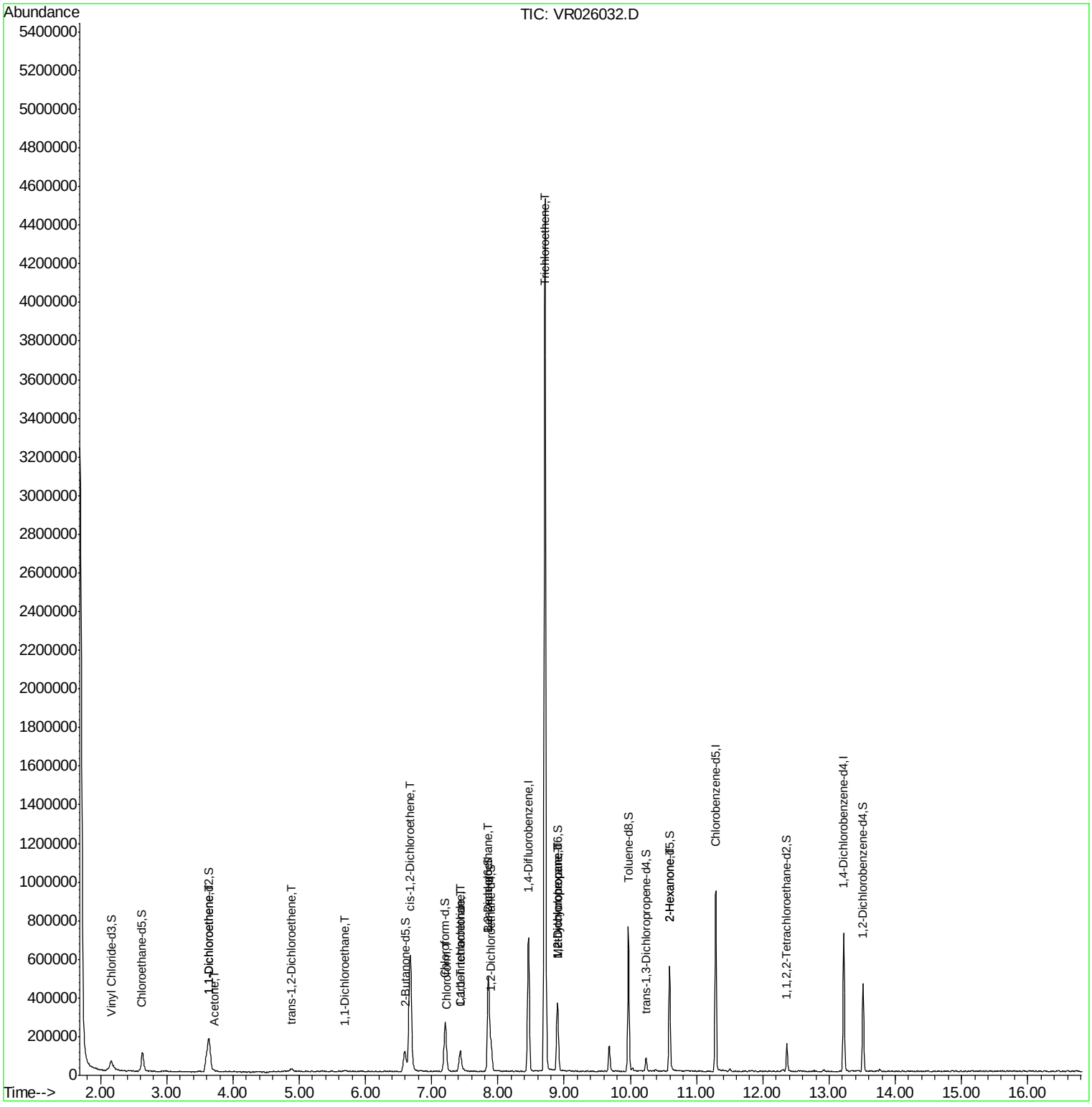
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101018\

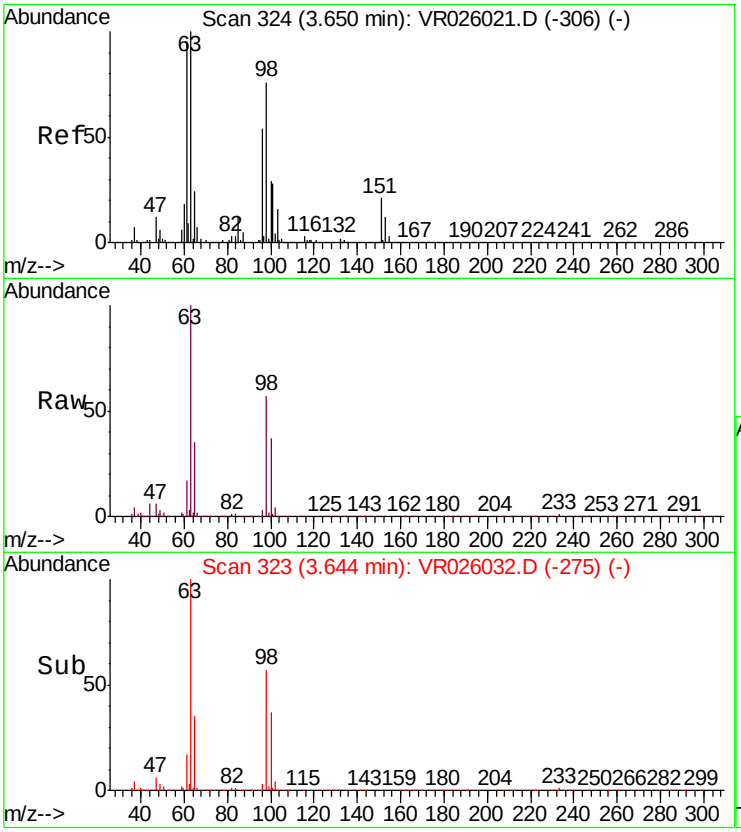
Quantitation Report (Not Reviewed)

Data File : VR026032.D
Acq On : 10 Oct 2018 16:40
Operator : SY/MD
Sample : J5379-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : H42A7

Quant Time: Oct 11 04:15:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration



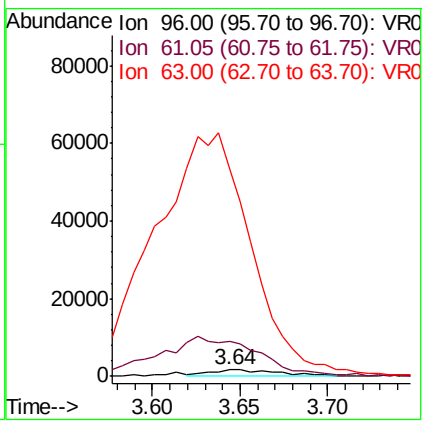


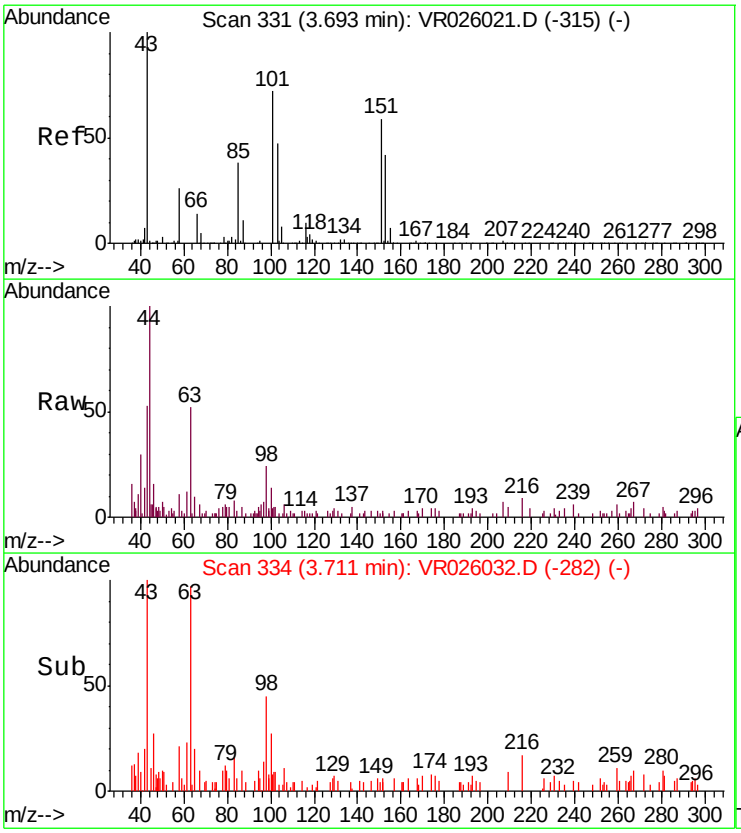
#12
1,1-Dichloroethene
Concen: 0.131 ug/L
RT: 3.64 min Scan# 323
Delta R.T. -0.01 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Instrument : MSVOA_R
ClientSampleId : H42A7

Tgt Ion: 96 Resp: 4723

Ion	Ratio	Lower	Upper
96	100		
61	521.8	145.0	269.4#
63	3105.7	123.8	230.0#

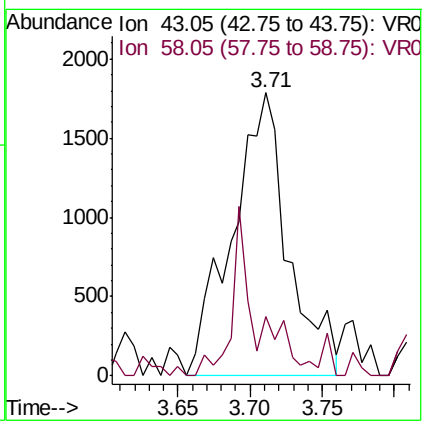


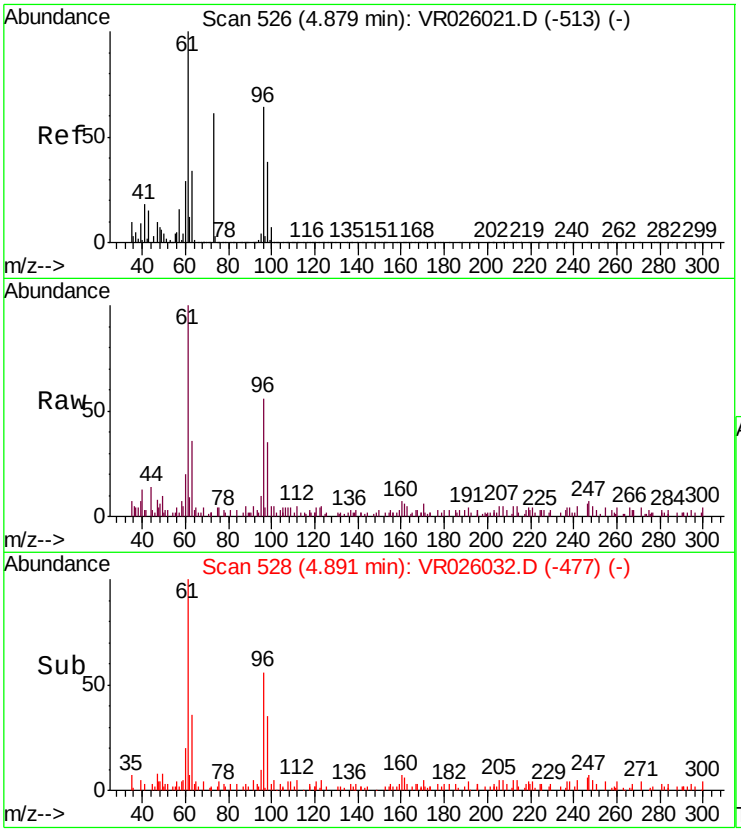


#13
Acetone
Concen: 1.585 ug/L
RT: 3.71 min Scan# 334
Delta R.T. 0.02 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Tgt Ion: 43 Resp: 4816

Ion	Ratio	Lower	Upper
43	100		
58	17.2	0.0	51.4



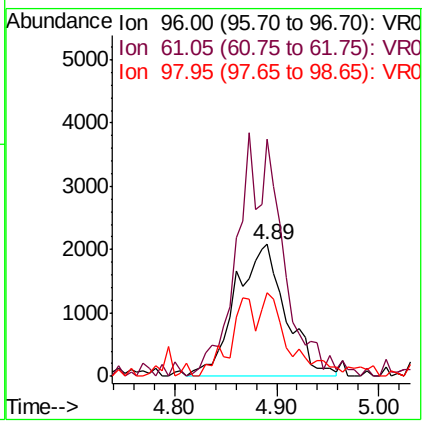


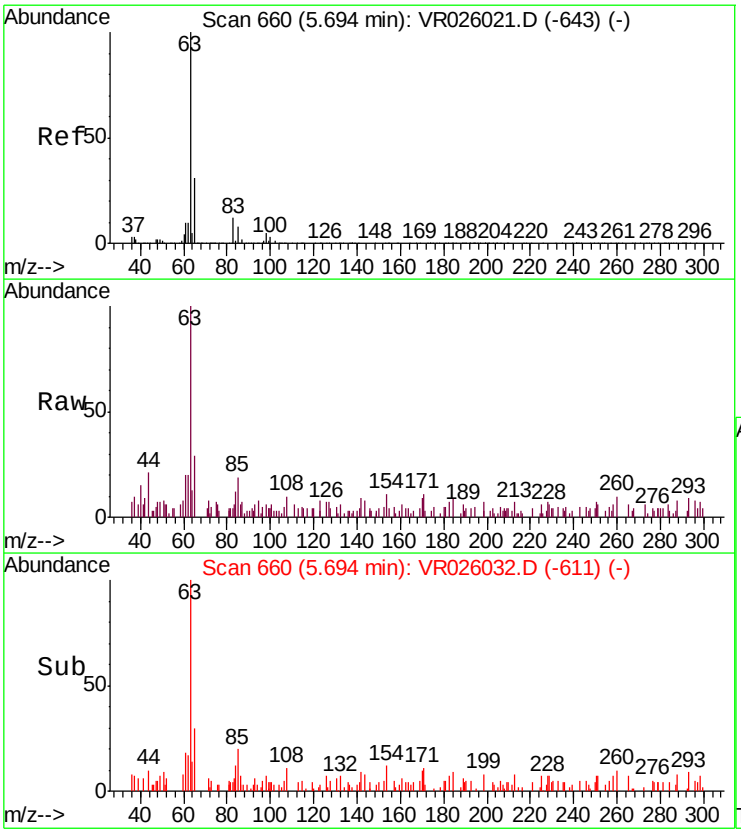
#18
trans-1,2-Dichloroethene
Concen: 0.239 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.01 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Instrument : MSVOA_R
ClientSampleId : H42A7

Tgt Ion: 96 Resp: 7128

Ion	Ratio	Lower	Upper
96	100		
61	179.7	127.4	236.6
98	63.1	43.8	81.3

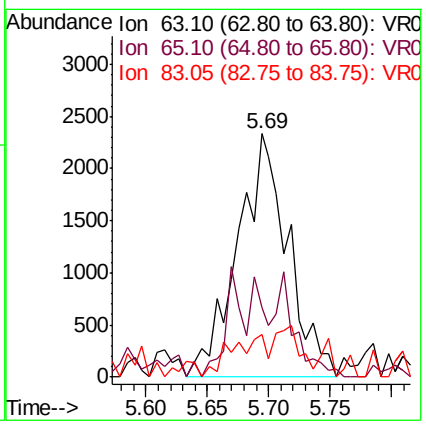


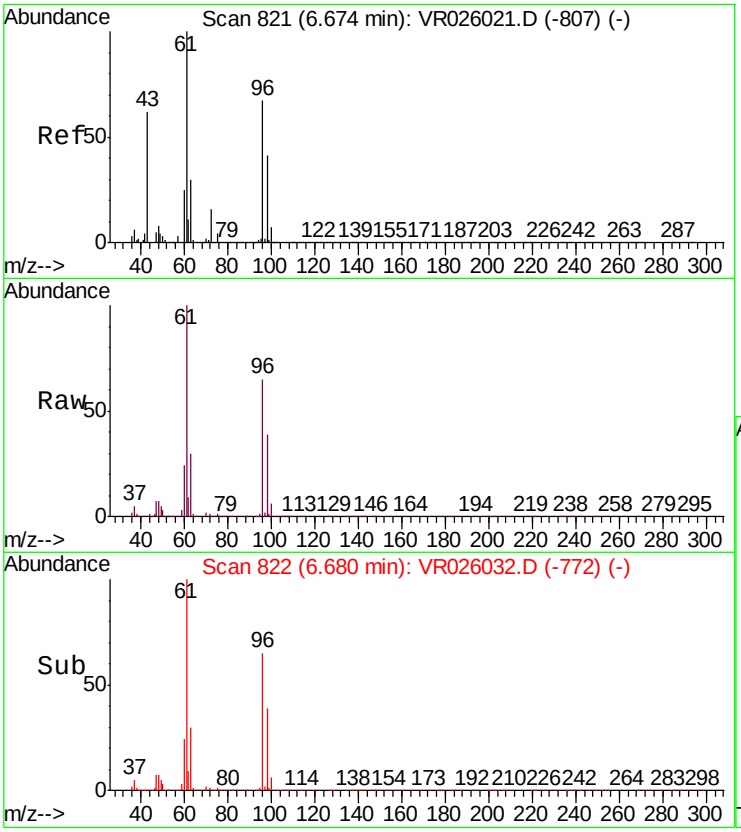


#19
1,1-Dichloroethane
Concen: 0.113 ug/L
RT: 5.69 min Scan# 660
Delta R.T. -0.00 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Tgt Ion: 63 Resp: 6654

Ion	Ratio	Lower	Upper
63	100		
65	28.6	21.1	39.1
83	17.6	8.9	16.5#



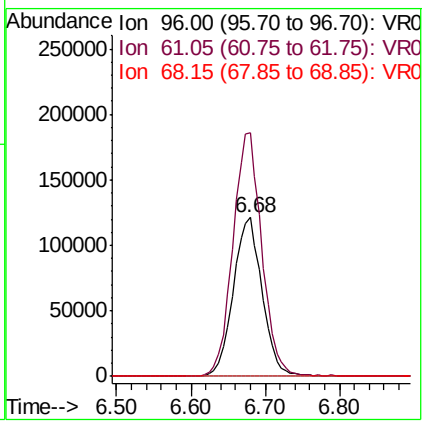


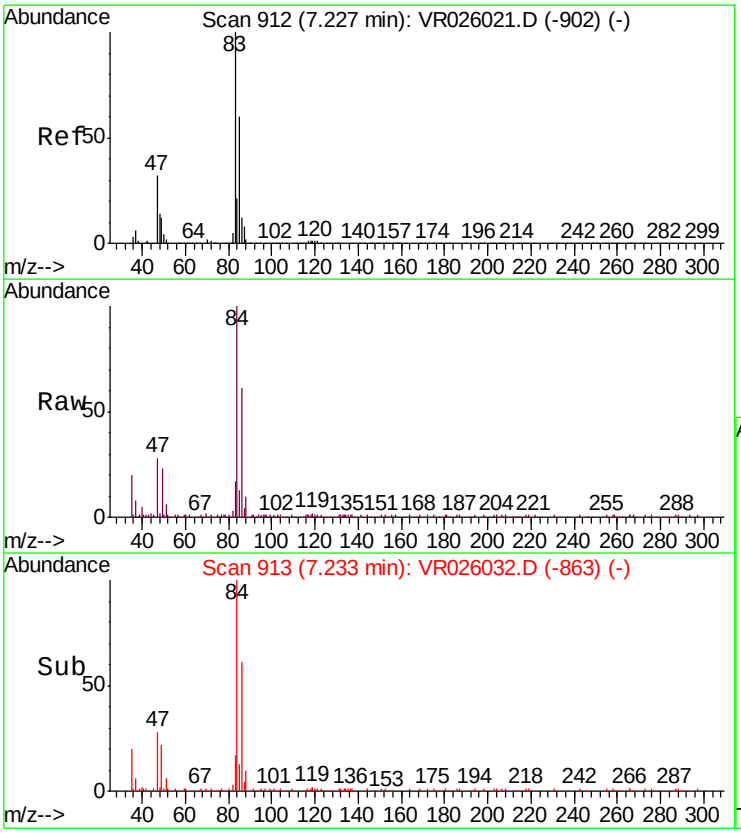
#22
cis-1,2-Dichloroethene
Concen: 10.948 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Instrument : MSVOA_R
ClientSampleId : H42A7

Tgt Ion: 96 Resp: 327937

Ion	Ratio	Lower	Upper
96	100		
61	153.6	108.7	201.9
68	0.0	0.1	0.1#

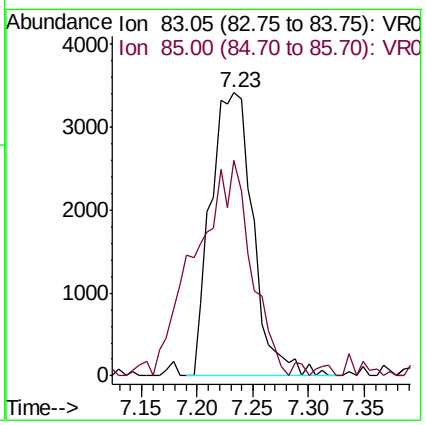


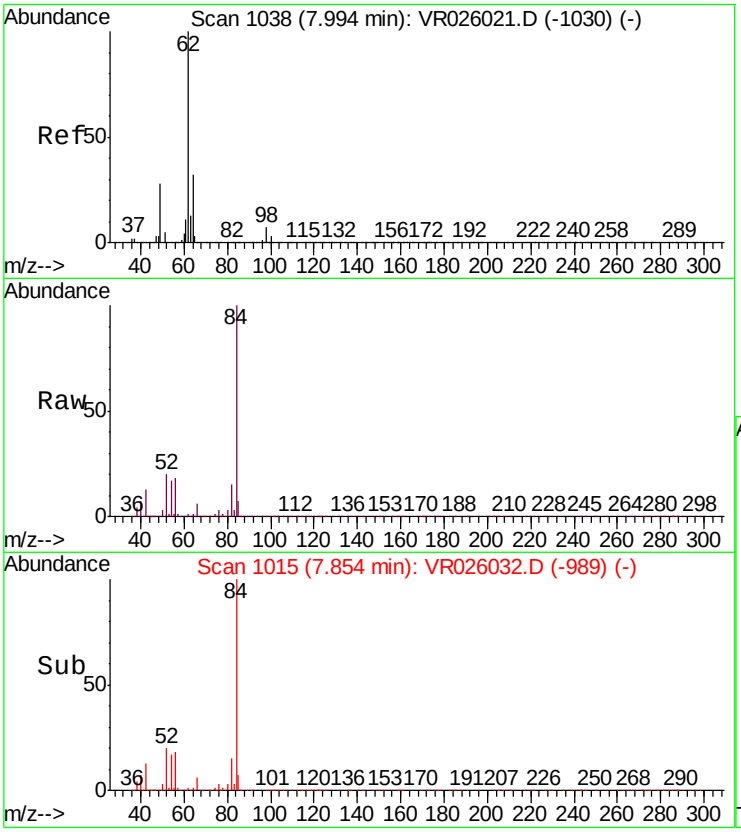


#25
Chloroform
Concen: 0.157 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.01 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Tgt Ion: 83 Resp: 8986

Ion	Ratio	Lower	Upper
83	100		
85	76.2	43.8	81.4



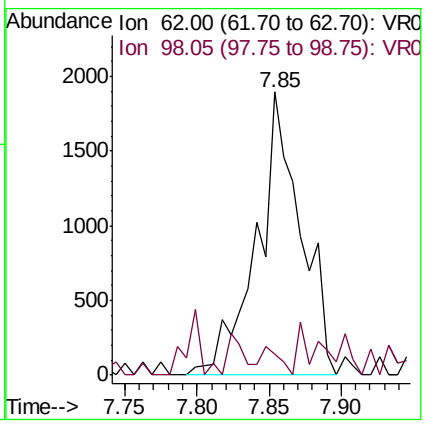


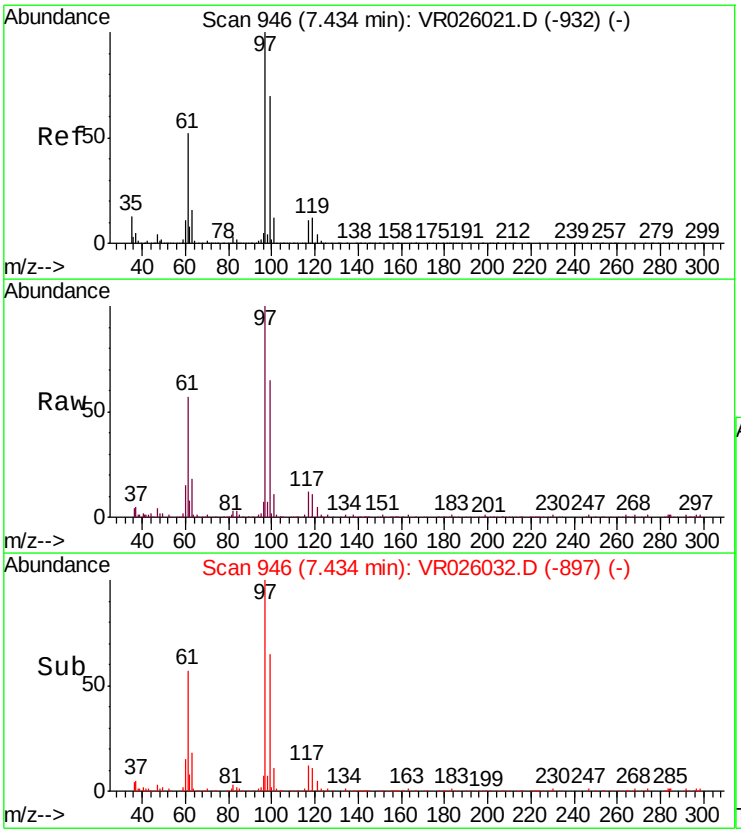
#27
1,2-Dichloroethane
Concen: 0.140 ug/L
RT: 7.85 min Scan# 1015
Delta R.T. -0.14 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Instrument : MSVOA_R
ClientSampleId : H42A7

Tgt Ion: 62 Resp: 3996

Ion	Ratio	Lower	Upper
62	100		
98	7.6	5.2	7.8

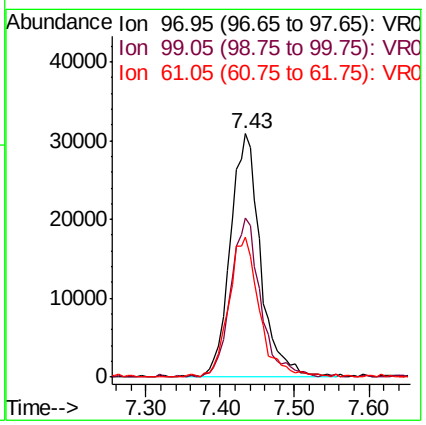


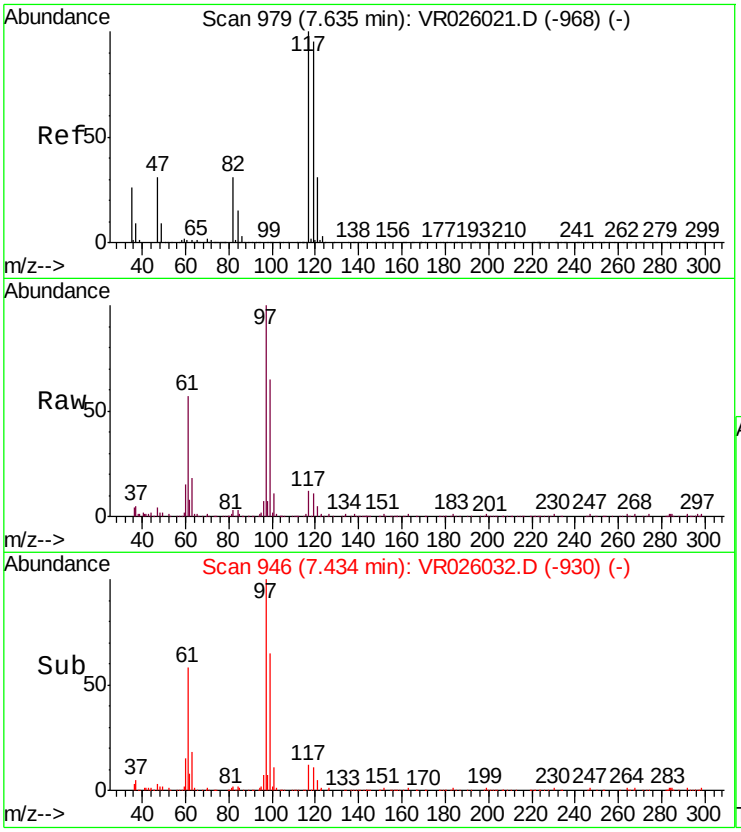


#29
1,1,1-Trichloroethane
Concen: 1.925 ug/L
RT: 7.43 min Scan# 946
Delta R.T. -0.00 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Tgt Ion: 97 Resp: 87313

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	57.0	41.6	62.4



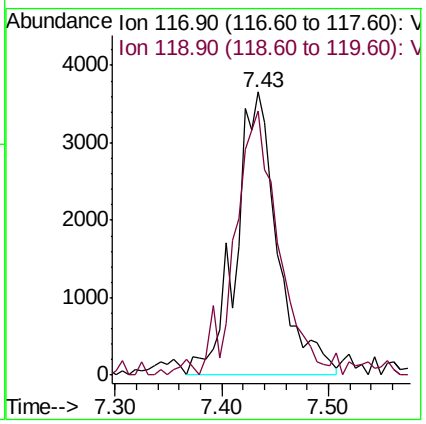


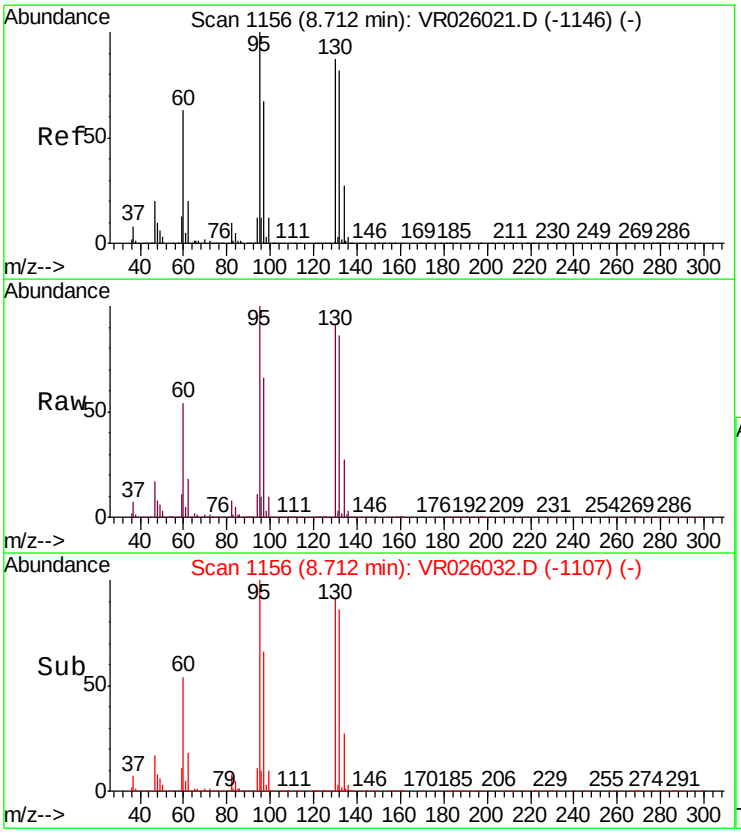
#31
Carbon tetrachloride
Concen: 0.256 ug/L
RT: 7.43 min Scan# 946
Delta R.T. -0.20 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Instrument : MSVOA_R
ClientSampleId : H42A7

Tgt Ion:117 Resp: 10055

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4

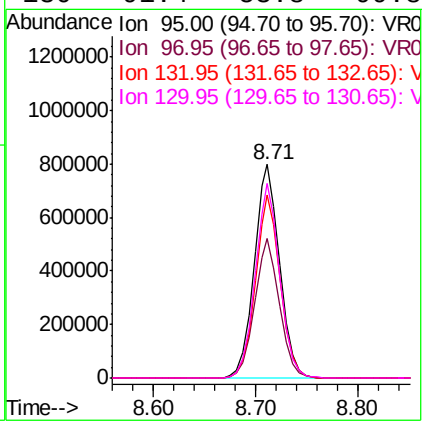


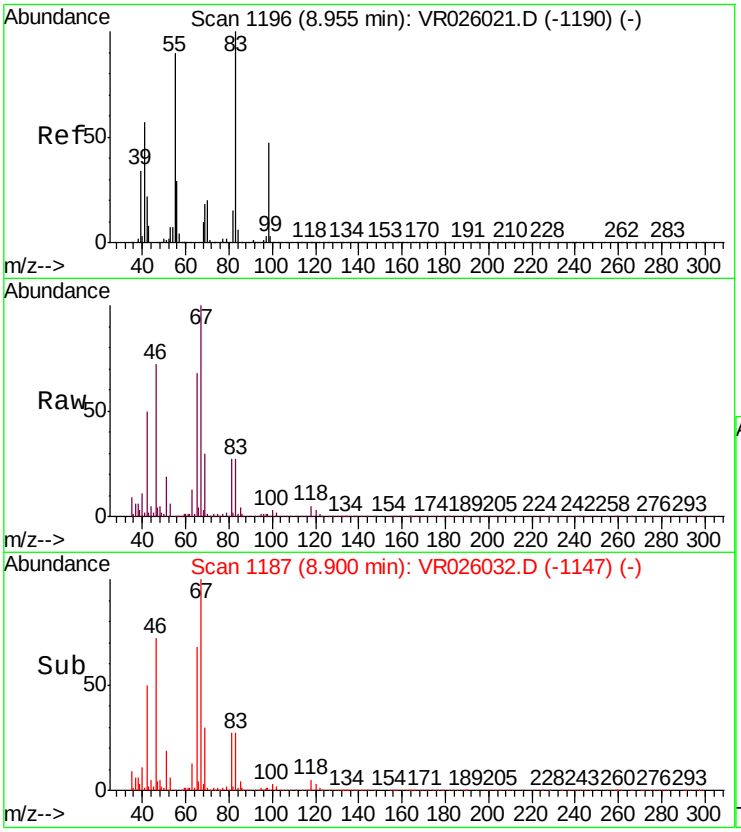


#34
Trichloroethene
Concen: 38.610 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Tgt Ion: 95 Resp: 1376275

Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.9	81.5
132	85.5	53.3	98.9
130	91.4	53.8	99.8



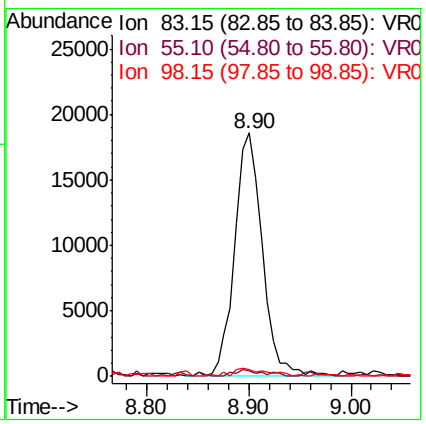


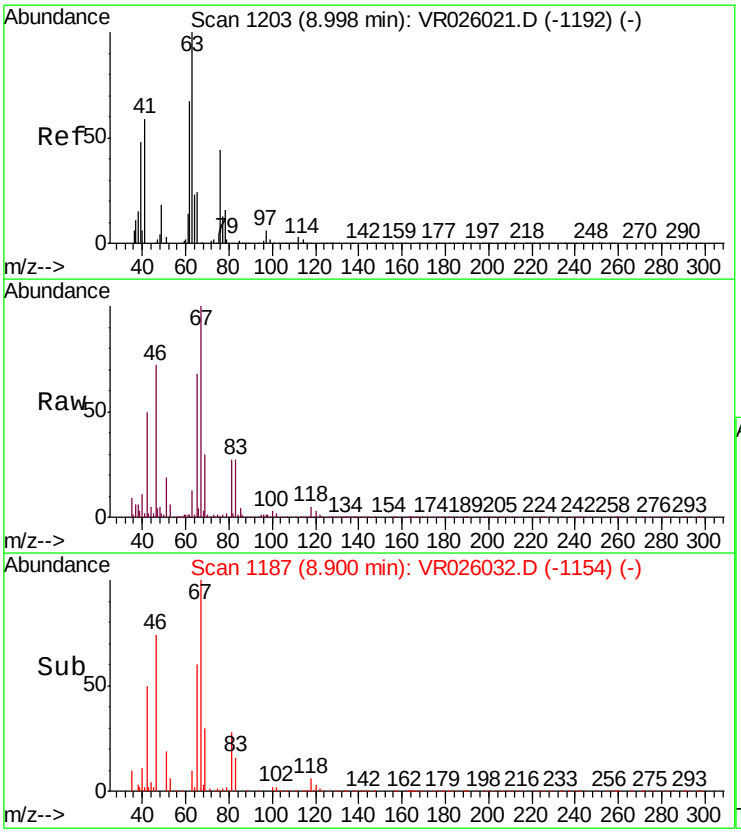
#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Instrument : MSVOA_R
ClientSampleId : H42A7

Tgt Ion: 83 Resp: 35022

Ion	Ratio	Lower	Upper
83	100		
55	2.7	71.8	107.6#
98	4.4	34.2	51.4#

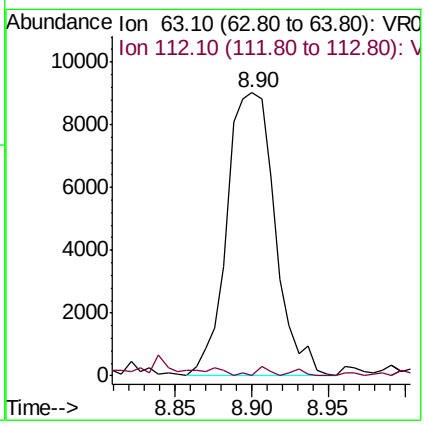


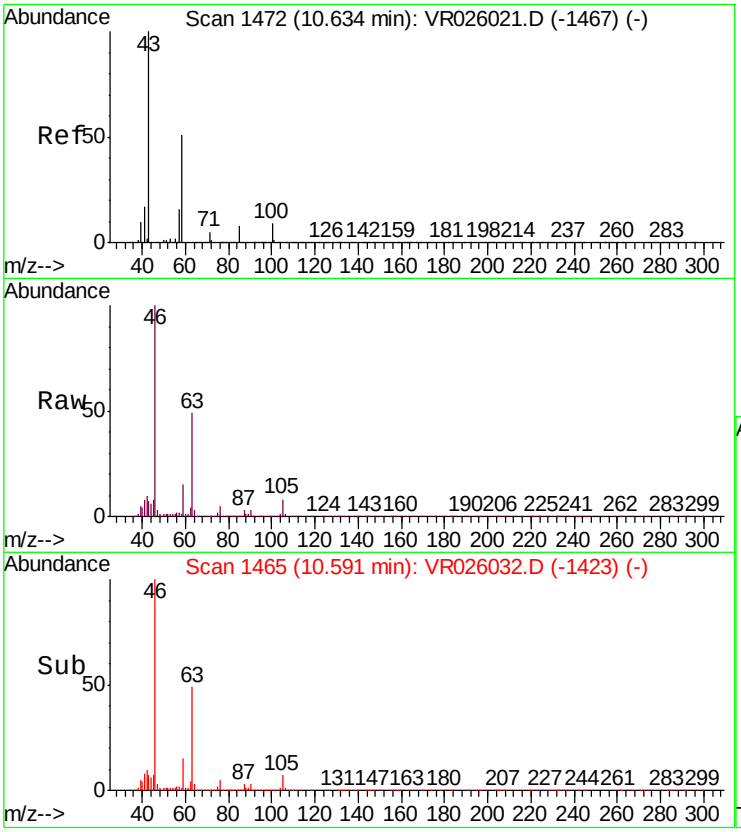


#37
1,2-Dichloropropane
Concen: 0.676 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Tgt Ion: 63 Resp: 19625

Ion	Ratio	Lower	Upper
63	100		
112	1.1	2.5	3.7#





#48
2-Hexanone
Concen: 3.596 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Instrument :
MSVOA_R
ClientSampleId :
H42A7

Tgt Ion: 43 Resp: 24029

Ion	Ratio	Lower	Upper
43	100		
58	29.6	39.5	59.3#
57	26.7	14.6	21.8#
100	2.9	6.7	10.1#