Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

Quantitation Report (Not Reviewed)

Data File : VR026246.D
Acq On : 21 Nov 2018 1:26
Operator : SY/MD
Sample : J6026-08
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : H0FL6

Quant Time: Nov 21 03:28:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	558680	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	460695	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	157739	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.17	65	224783	5.28	ug/L		0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.60%				
7) Chloroethane-d5	2.63	69	204442	5.35	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.00%				
11) 1,1-Dichloroethene-d2	3.61	63	418394	3.87	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%				
20) 2-Butanone-d5	6.59	46	210782	53.43	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.86%				
24) Chloroform-d	7.20	84	390562	4.68	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%				
26) 1,2-Dichloroethane-d4	7.90	65	158199	4.87	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%				
32) Benzene-d6	7.86	84	773402	4.83	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%				
36) 1,2-Dichloropropane-d6	8.90	67	200334	4.98	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%				
41) Toluene-d8	9.97	98	678680	4.56	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%				
43) trans-1,3-Dichloropropene-	10.24	79	46310	4.21	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%				
46) 2-Hexanone-d5	10.59	63	144909	56.88	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.76%				
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77912	4.75	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%				
64) 1,2-Dichlorobenzene-d4	13.52	152	143609	5.29	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%				
Target Compounds							Qvalue
5) Vinyl chloride	2.18	62	212271	4.296	ug/L		93
13) Acetone	3.72	43	8181	2.758	ug/L		59
17) Methyl tert-butyl Ether	4.90	73	1318817	27.205	ug/L		98
18) trans-1,2-Dichloroethene	4.88	96	11355	0.264	ug/L		96
19) 1,1-Dichloroethane	5.69	63	106804	1.382	ug/L		98
22) cis-1,2-Dichloroethene	6.67	96	21142	0.545	ug/L	#	92
33) Benzene	7.91	78	54141	0.322	ug/L		100
35) Methylcyclohexane	8.90	83	48433	0.816	ug/L	#	18
39) cis-1,3-Dichloropropene	9.68	75	5764	0.144	ug/L		91
42) Toluene	10.04	91	19169	0.095	ug/L		95
48) 2-Hexanone	10.59	43	21913	3.370	ug/L	#	73
66) 1,2-Dibromo-3-chloropropan	14.13	75	236	0.171	ug/L	#	61

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

Quantitation Report (Not Reviewed)

Data File : VR026246.D
Acq On : 21 Nov 2018 1:26
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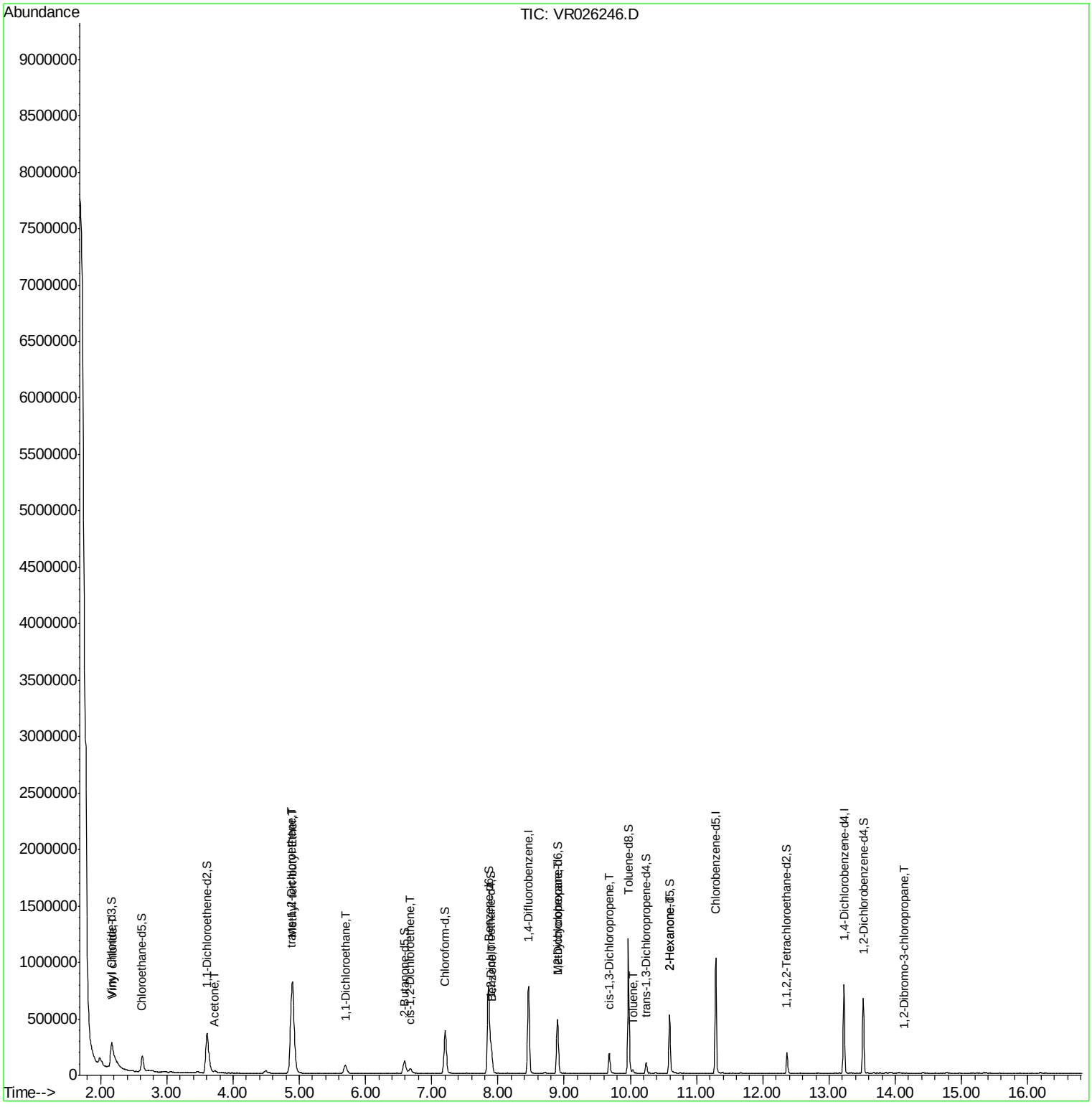
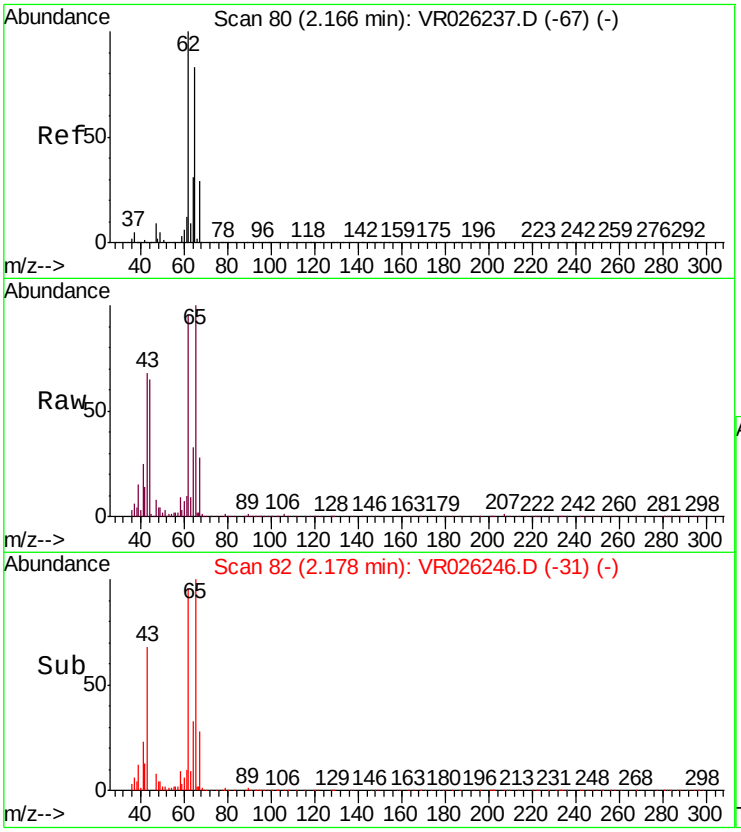
Instrument : MSVOA_R
ClientSampleId : H0FL6

Quant Time: Nov 21 03:28:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration



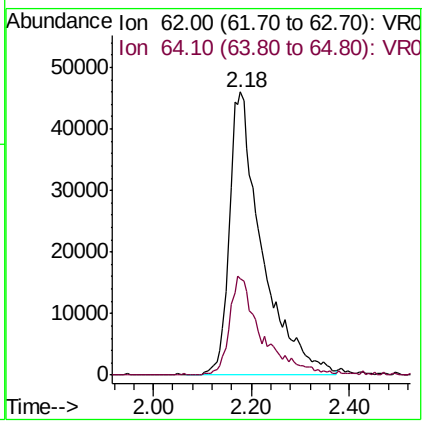


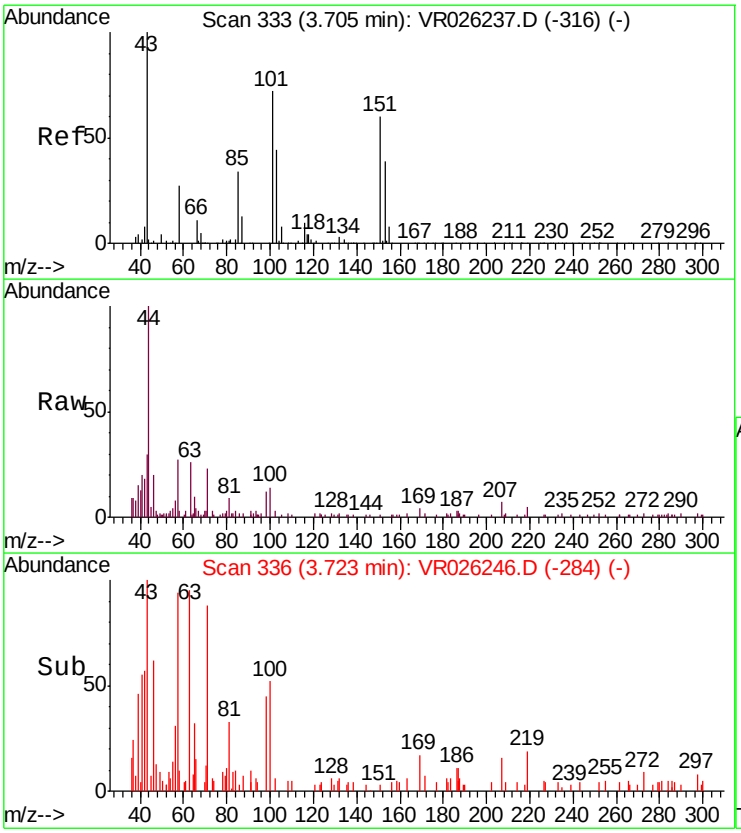
#5
Vinyl chloride
Concen: 4.296 ug/L
RT: 2.18 min Scan# 82
Delta R.T. 0.01 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Instrument :
MSVOA_R
ClientSampleId :
H0FL6

Tgt Ion: 62 Resp: 212271

Ion	Ratio	Lower	Upper
62	100		
64	34.1	21.3	39.5

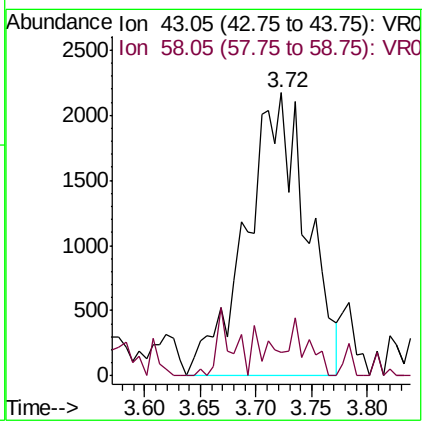


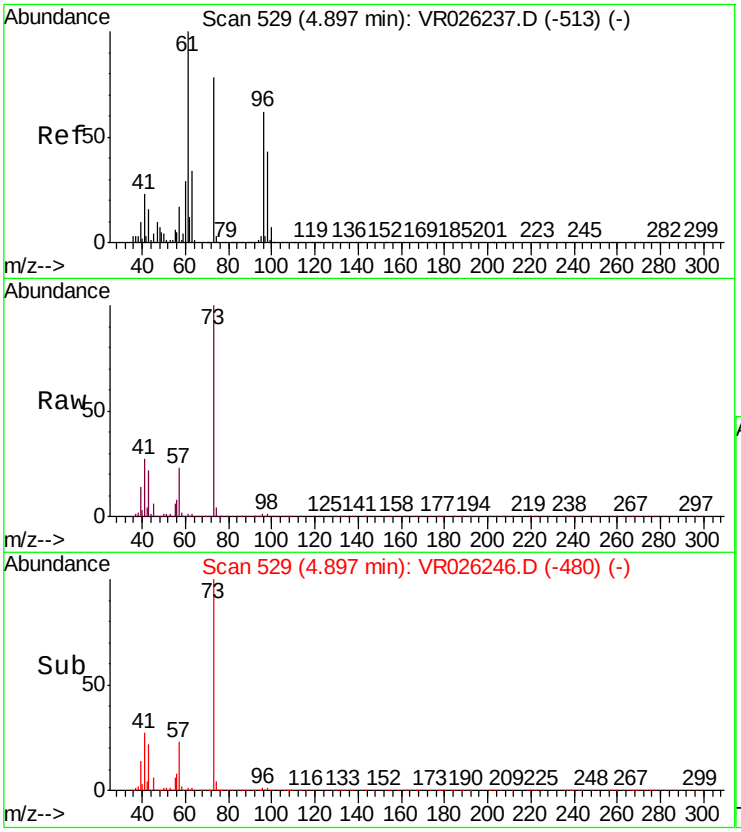


#13
Acetone
Concen: 2.758 ug/L
RT: 3.72 min Scan# 336
Delta R.T. 0.02 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Tgt Ion: 43 Resp: 8181

Ion	Ratio	Lower	Upper
43	100		
58	6.3	0.0	55.0



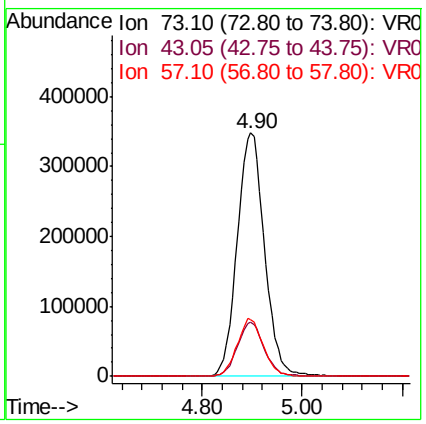


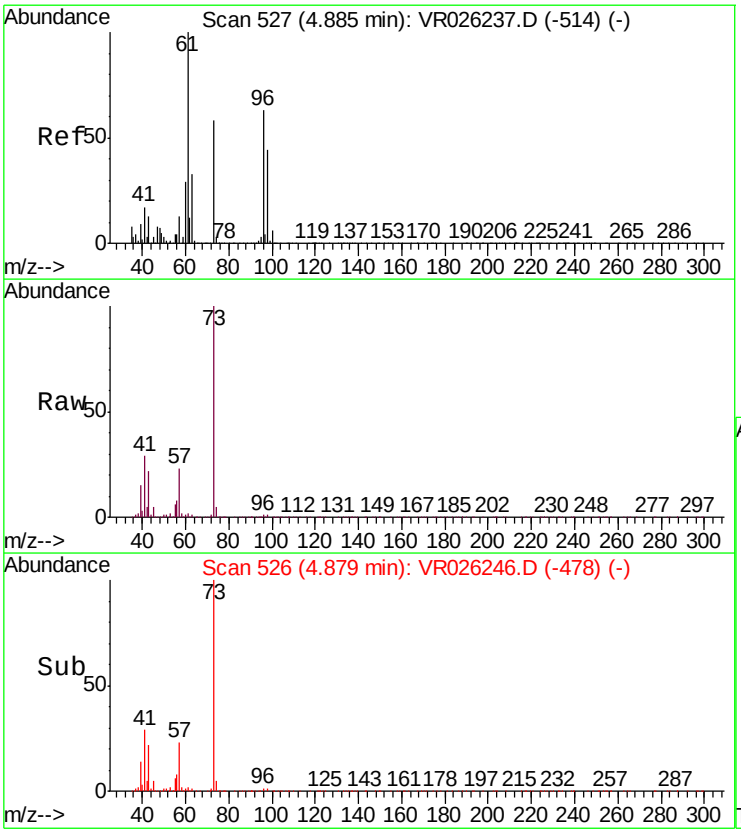
#17
Methyl tert-butyl Ether
Concen: 27.205 ug/L
RT: 4.90 min Scan# 529
Delta R.T. 0.00 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Instrument :
MSVOA_R
ClientSampleId :
H0FL6

Tgt Ion: 73 Resp: 1318817

Ion	Ratio	Lower	Upper
73	100		
43	22.0	19.0	28.4
57	22.6	17.9	26.9

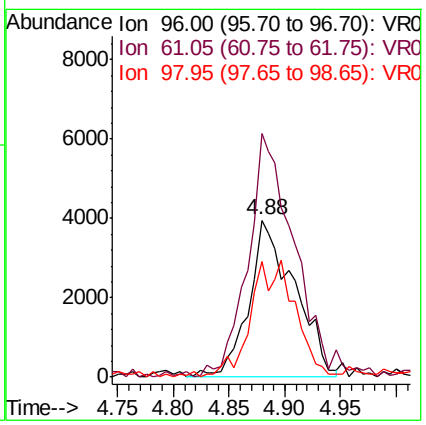


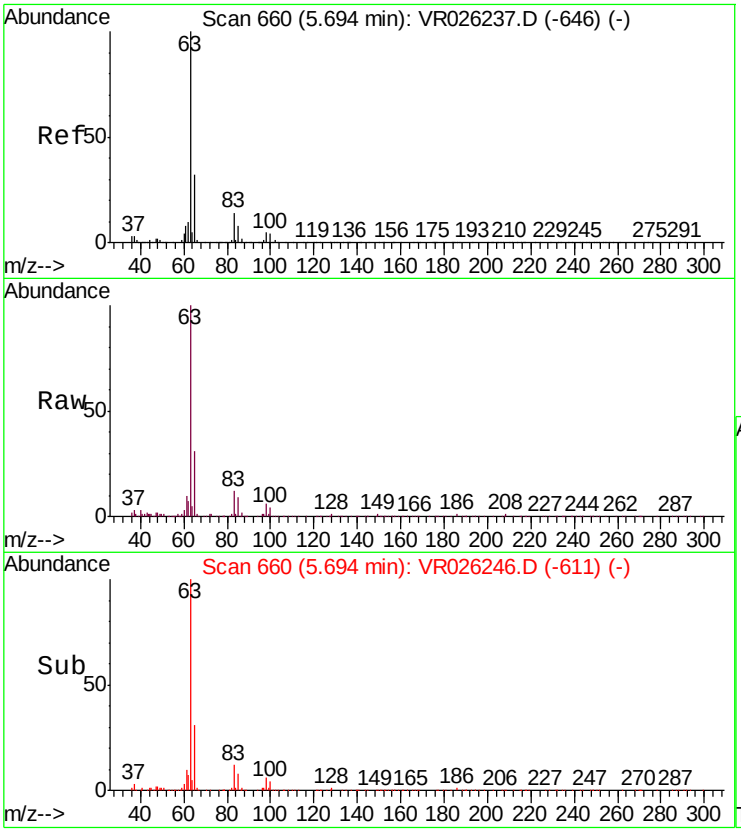


#18
trans-1,2-Dichloroethene
Concen: 0.264 ug/L
RT: 4.88 min Scan# 526
Delta R.T. -0.01 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Tgt Ion: 96 Resp: 11355

Ion	Ratio	Lower	Upper
96	100		
61	150.8	105.4	195.8
98	71.6	42.1	78.1



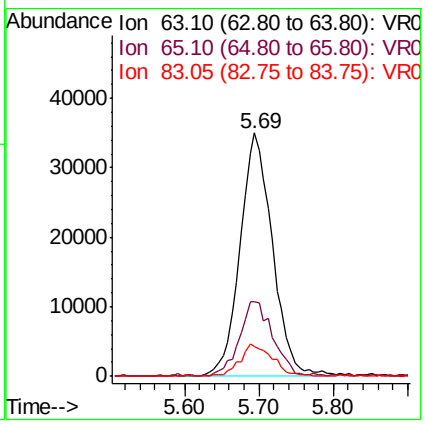


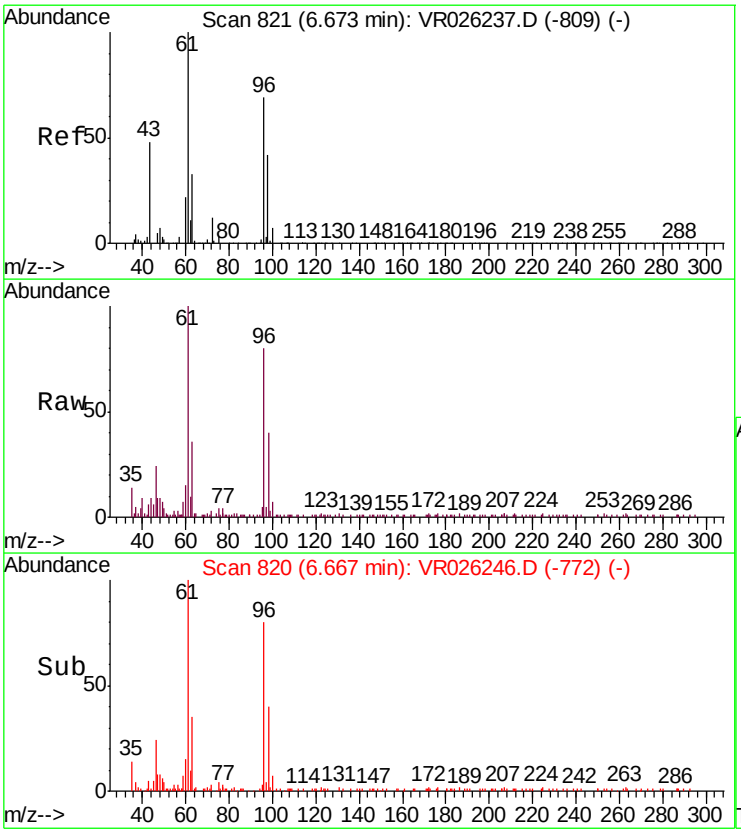
#19
1,1-Dichloroethane
Concen: 1.382 ug/L
RT: 5.69 min Scan# 660
Delta R.T. 0.00 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Instrument : MSVOA_R
ClientSampleId : H0FL6

Tgt Ion: 63 Resp: 106804

Ion	Ratio	Lower	Upper
63	100		
65	30.8	21.1	39.3
83	12.5	9.9	18.5

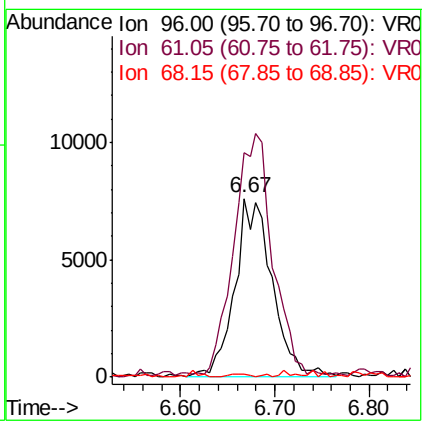


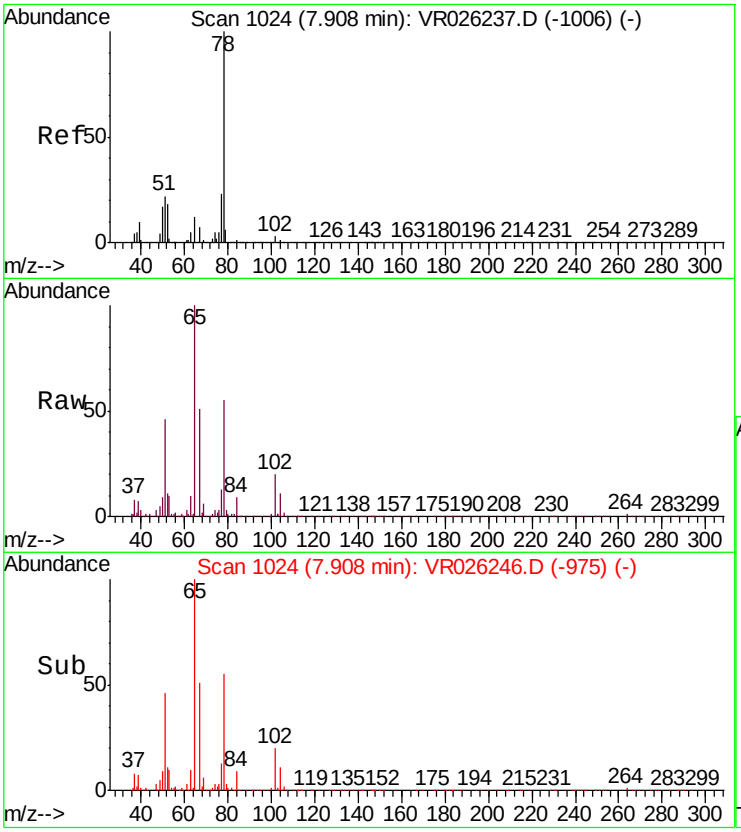


#22
cis-1,2-Dichloroethene
Concen: 0.545 ug/L
RT: 6.67 min Scan# 820
Delta R.T. -0.01 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Tgt Ion: 96 Resp: 21142

Ion	Ratio	Lower	Upper
96	100		
61	125.6	94.8	176.2
68	1.5	0.0	0.0#

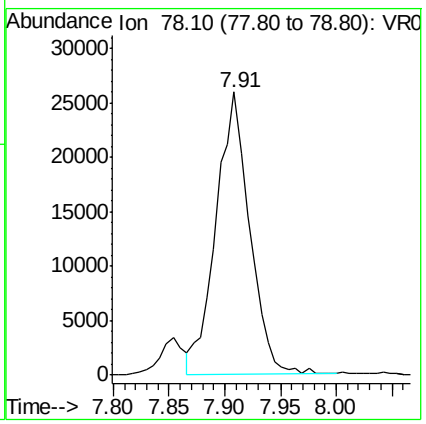


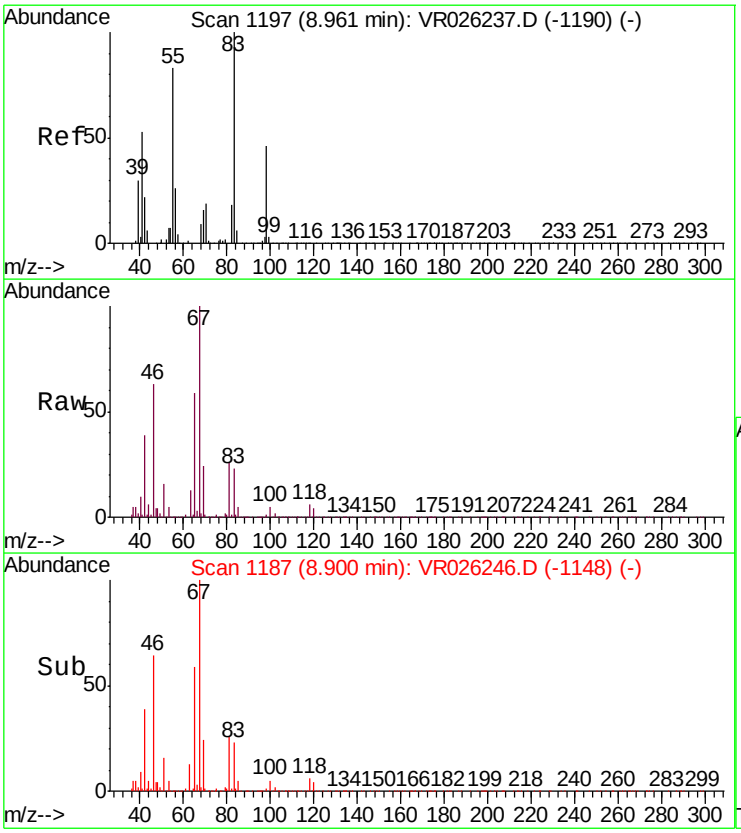


#33
Benzene
Concen: 0.322 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Instrument :
MSVOA_R
ClientSampleId :
H0FL6

Tgt Ion: 78 Resp: 54141

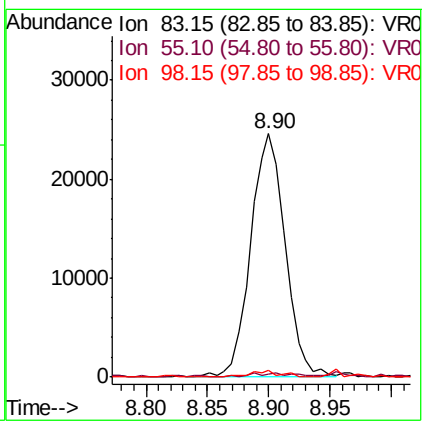


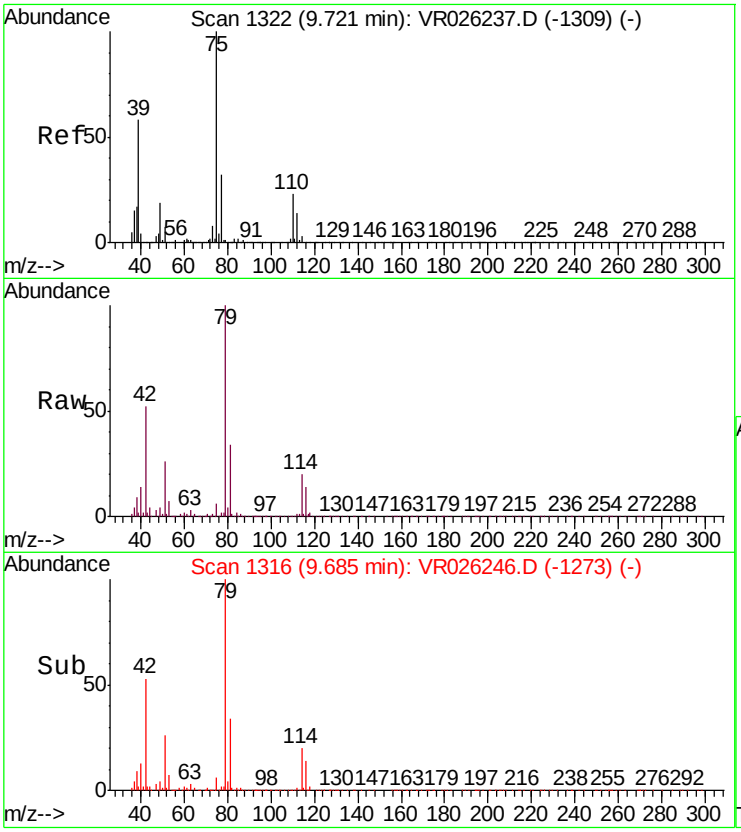


#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Tgt Ion: 83 Resp: 48433

Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.6	100.0#
98	2.3	35.5	53.3#



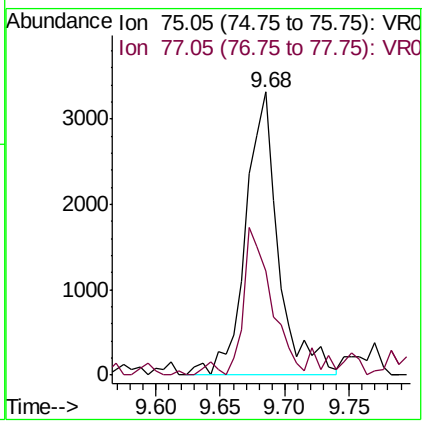


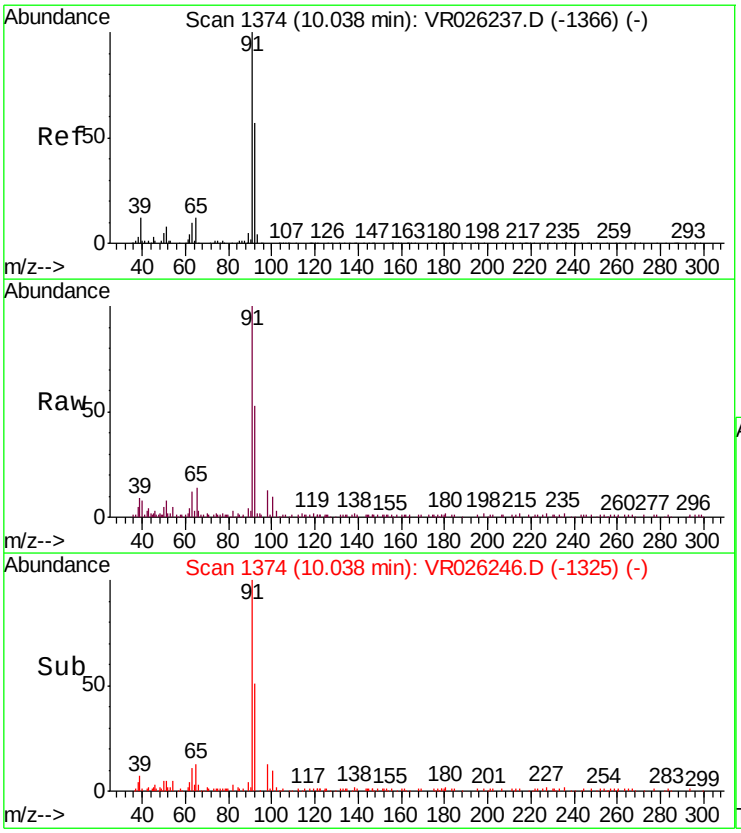
#39
cis-1,3-Dichloropropene
Concen: 0.144 ug/L
RT: 9.68 min Scan# 1316
Delta R.T. -0.04 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Instrument :
MSVOA_R
ClientSampleId :
H0FL6

Tgt Ion: 75 Resp: 5764

Ion	Ratio	Lower	Upper
75	100		
77	36.7	22.1	41.1

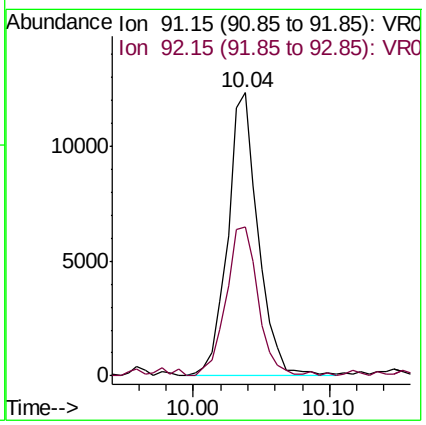


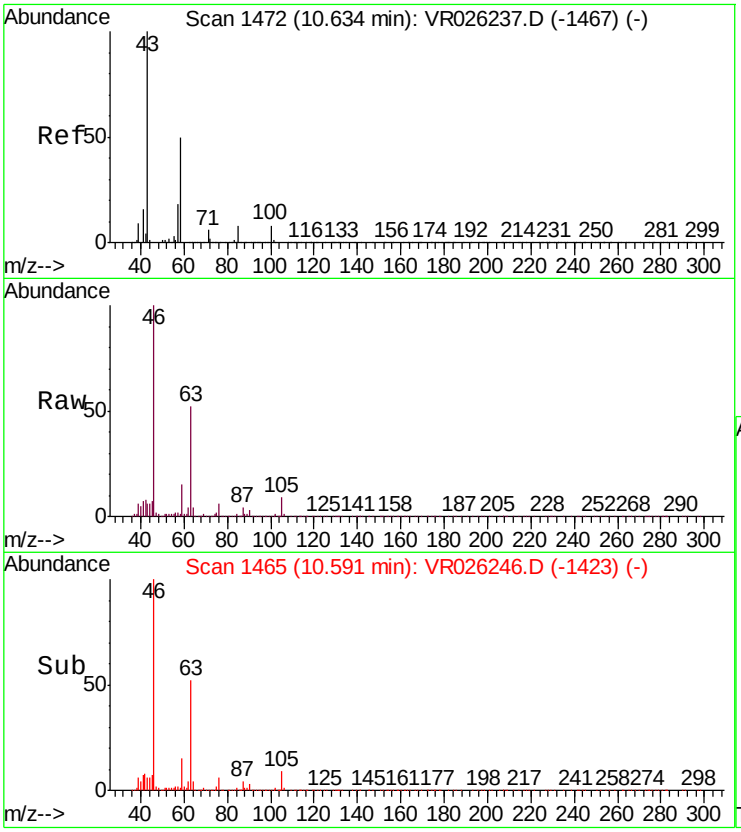


#42
Toluene
Concen: 0.095 ug/L
RT: 10.04 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Tgt Ion: 91 Resp: 19169

Ion	Ratio	Lower	Upper
91	100		
92	52.8	39.5	73.3



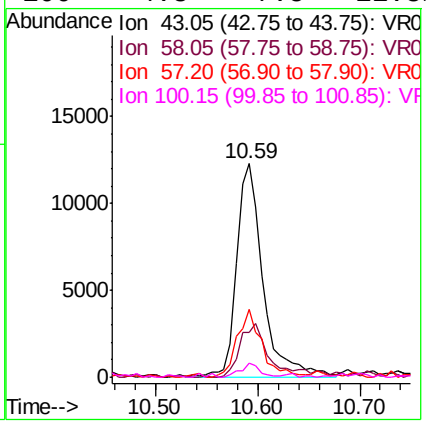


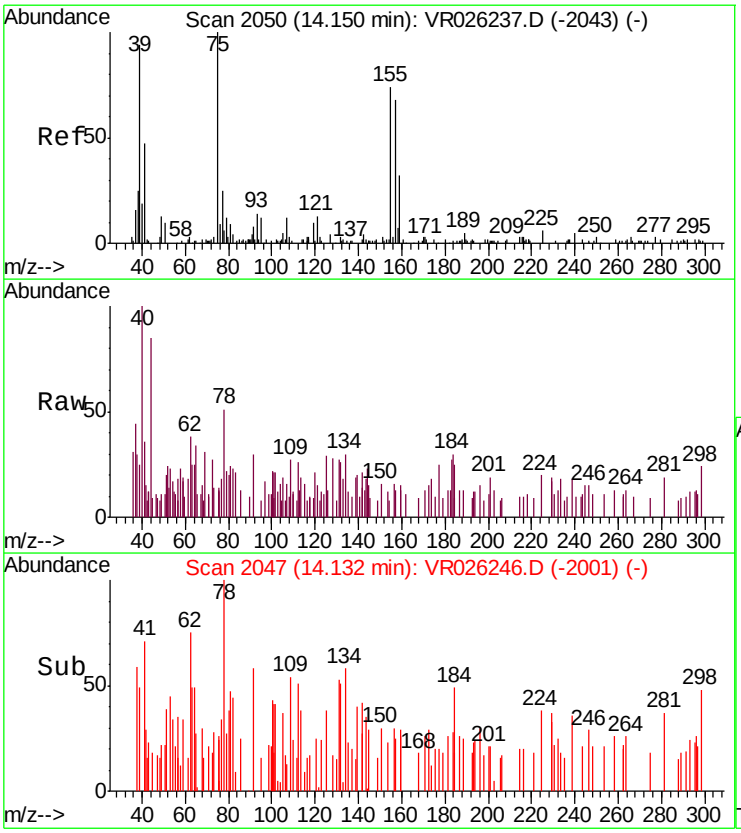
#48
2-Hexanone
Concen: 3.370 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Instrument : MSVOA_R
ClientSampleId : H0FL6

Tgt Ion: 43 Resp: 21913

Ion	Ratio	Lower	Upper
43	100		
58	30.1	41.3	61.9#
57	29.4	14.5	21.7#
100	4.8	7.5	11.3#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.171 ug/L
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: VR026246.D
Acq: 21 Nov 2018 1:26

Tgt Ion: 75 Resp: 236

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.0	69.0#
157	71.8	65.5	98.3