Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR100418\

Quantitation Report (Not Reviewed)

Data File : VR025946.D
Acq On : 4 Oct 2018 19:14
Operator : SY/MD
Sample : J5258-01 100X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : ESNN1

Quant Time: Oct 05 04:44:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 04:42:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	462907	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	380833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	132256	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	124888	3.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.40%			
7) Chloroethane-d5	2.63	69	131450	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	3.63	63	241412	2.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.40%#			
20) 2-Butanone-d5	6.59	46	203717	50.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.12%			
24) Chloroform-d	7.20	84	261156	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
26) 1,2-Dichloroethane-d4	7.90	65	122618	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
32) Benzene-d6	7.85	84	497454	3.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.60%			
36) 1,2-Dichloropropane-d6	8.90	67	144741	4.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.80%			
41) Toluene-d8	9.97	98	435906	3.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.20%			
43) trans-1,3-Dichloropropene-	10.24	79	32572	4.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.00%			
46) 2-Hexanone-d5	10.59	63	153543	51.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.86%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61228	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
64) 1,2-Dichlorobenzene-d4	13.51	152	90319	4.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.20%			
Target Compounds						Qvalue
15) Methyl Acetate	4.19	43	695	0.085	ug/L #	80
27) 1,2-Dichloroethane	7.85	62	4117	0.148	ug/L	97
34) Trichloroethene	8.46	95	15813	0.470	ug/L #	14
35) Methylcyclohexane	8.90	83	33924	0.670	ug/L #	16
37) 1,2-Dichloropropane	8.90	63	19165	0.699	ug/L #	93
39) cis-1,3-Dichloropropene	9.67	75	4794	0.156	ug/L	95
44) trans-1,3-Dichloropropene	10.24	75	2401	0.120	ug/L	86
48) 2-Hexanone	10.59	43	22978	3.642	ug/L #	72

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

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Quantitation Report (Not Reviewed)

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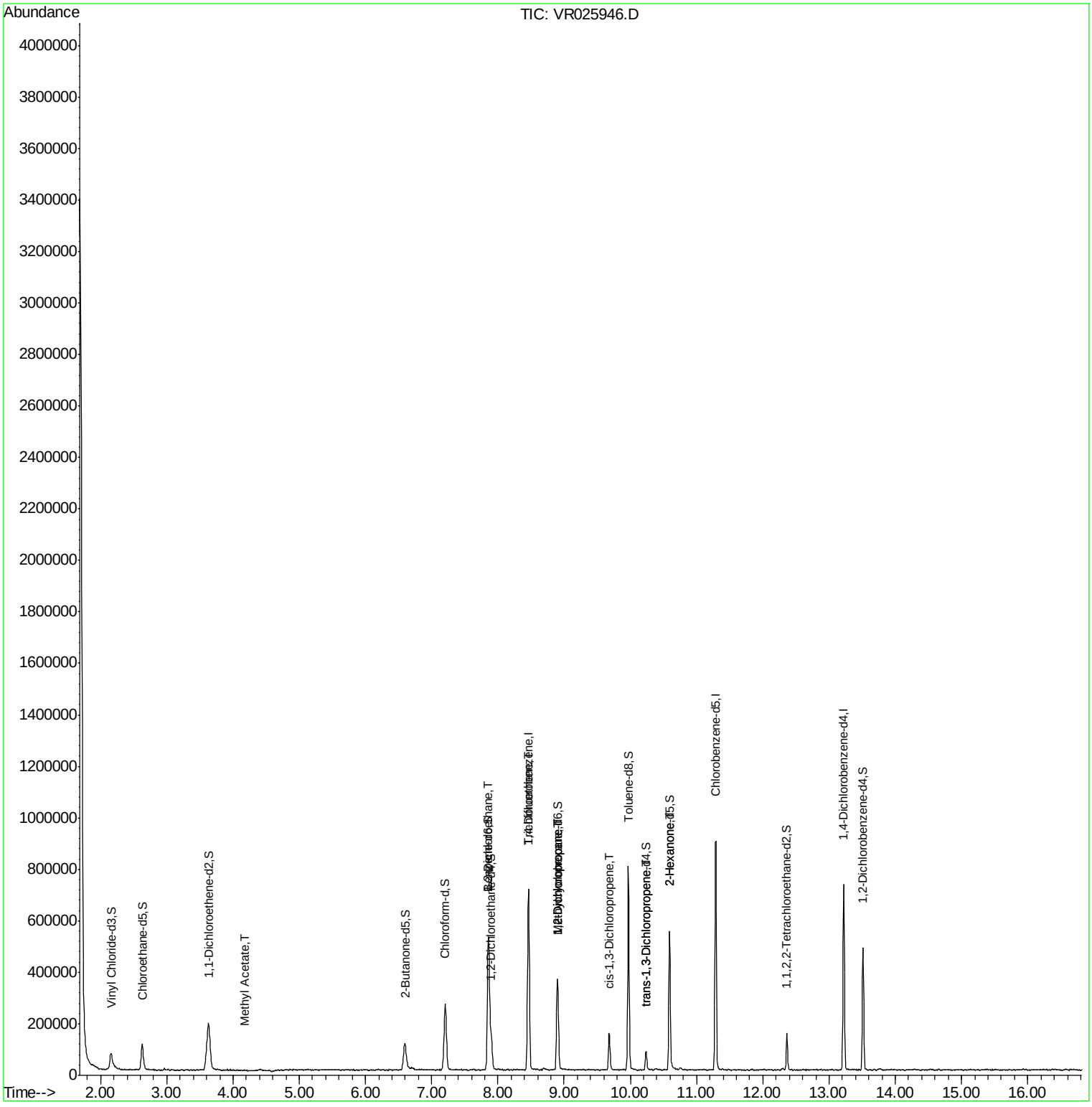
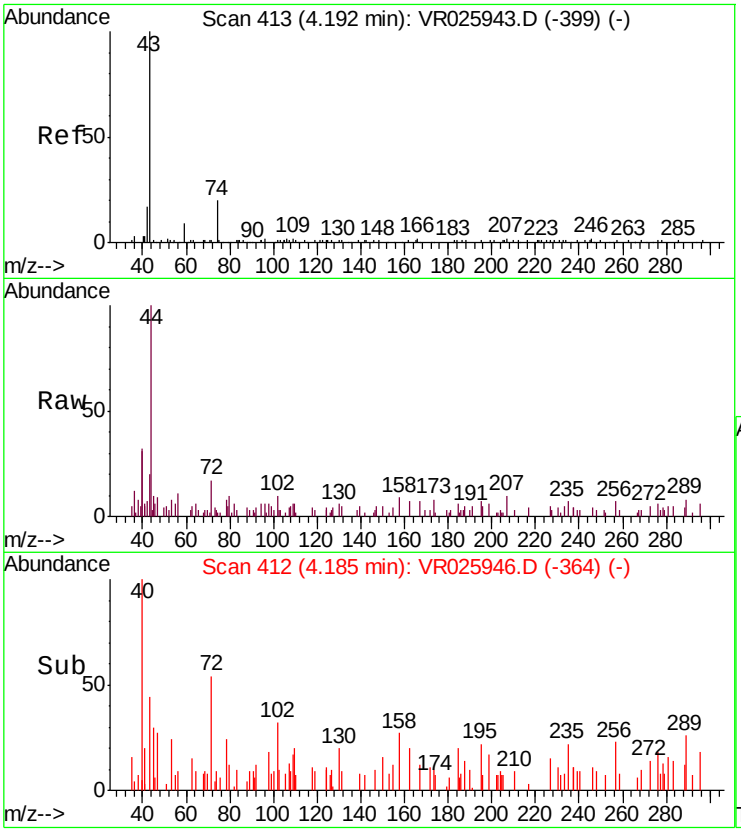
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESNN1

Quant Time: Oct 05 04:44:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 04:42:35 2018
Response via : Initial Calibration



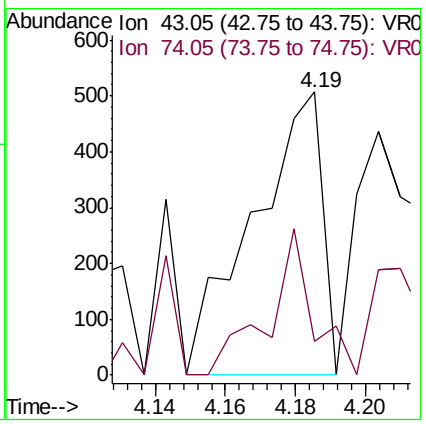


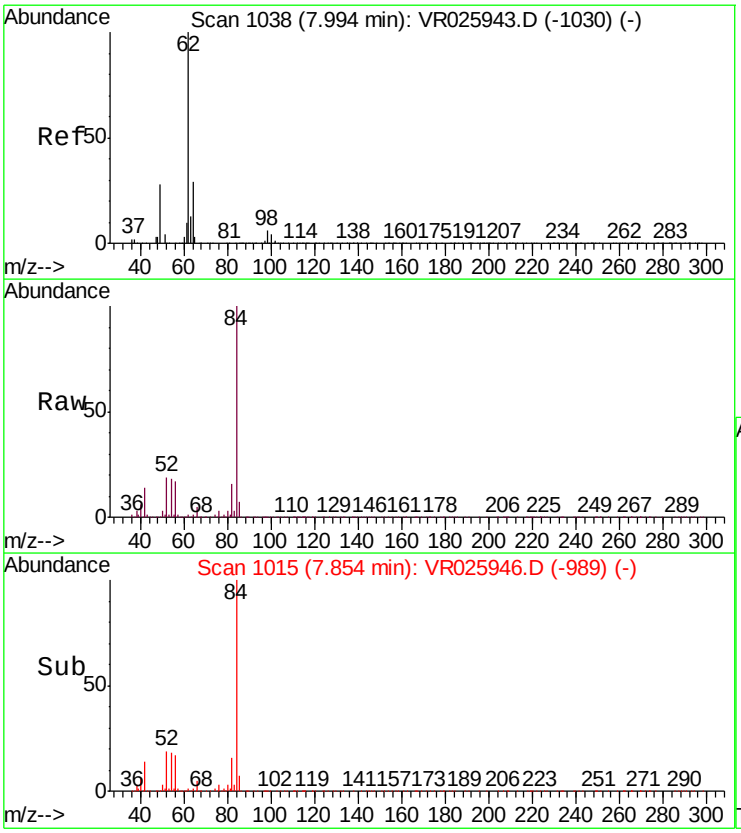
#15
Methyl Acetate
Concen: 0.085 ug/L
RT: 4.19 min Scan# 412
Delta R.T. -0.01 min
Lab File: VR025946.D
Acq: 4 Oct 2018 19:14

Instrument :
MSVOA_R
ClientSampleId :
ESNN1

Tgt Ion: 43 Resp: 695

Ion	Ratio	Lower	Upper
43	100		
74	33.7	19.0	28.4#

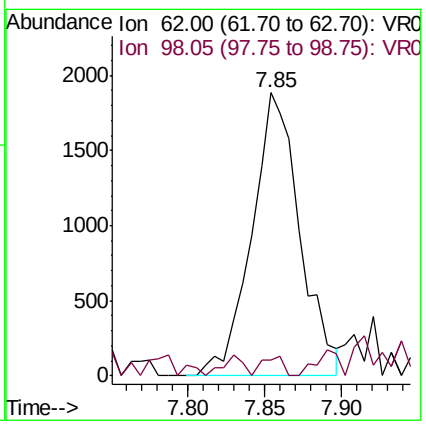


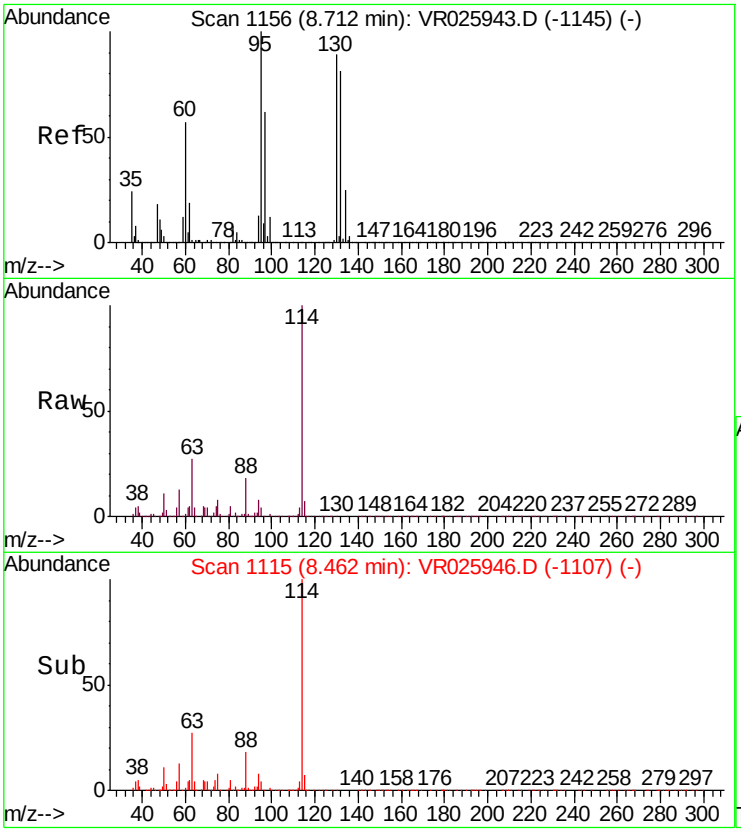


#27
1,2-Dichloroethane
Concen: 0.148 ug/L
RT: 7.85 min Scan# 1015
Delta R.T. -0.14 min
Lab File: VR025946.D
Acq: 4 Oct 2018 19:14

Tgt Ion: 62 Resp: 4117

Ion	Ratio	Lower	Upper
62	100		
98	5.6	5.2	7.8



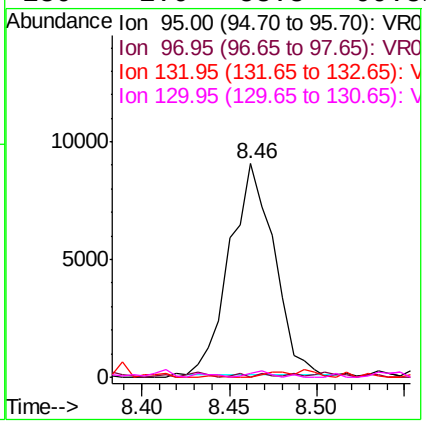


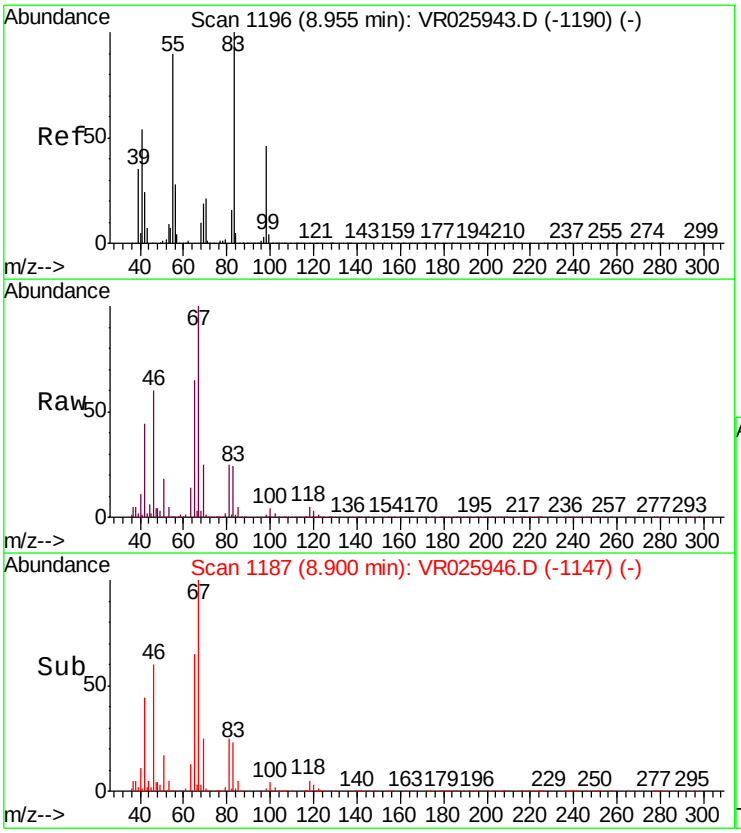
#34
Trichloroethene
Concen: 0.470 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR025946.D
Acq: 4 Oct 2018 19:14

Instrument :
MSVOA_R
ClientSampleId :
ESNN1

Tgt Ion: 95 Resp: 15813

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.9	81.5#
132	0.0	53.3	98.9#
130	1.6	53.8	99.8#

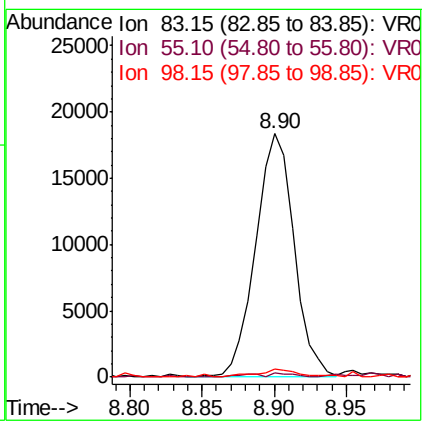


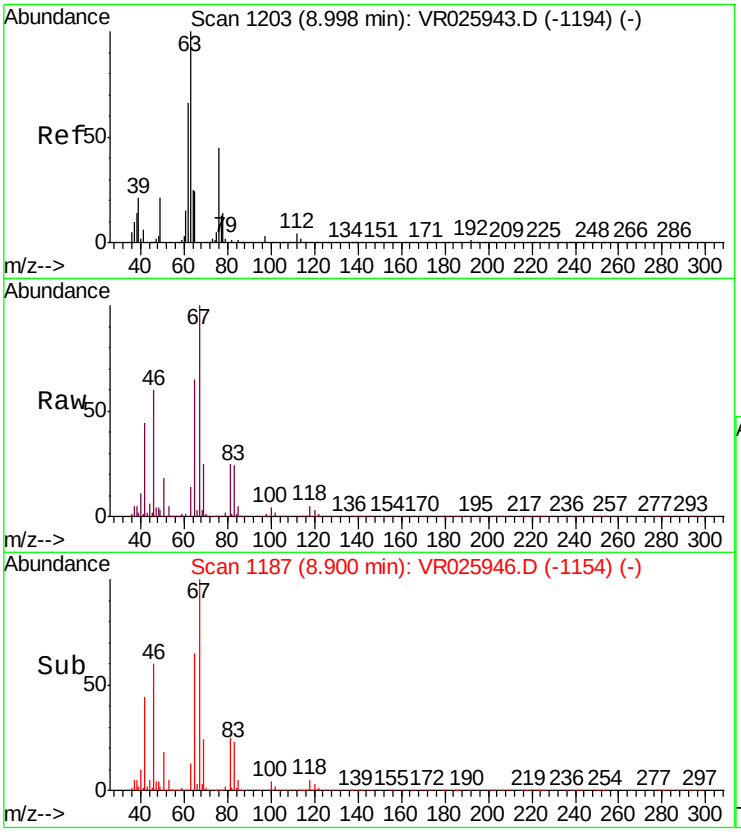


#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025946.D
Acq: 4 Oct 2018 19:14

Tgt Ion: 83 Resp: 33924

Ion	Ratio	Lower	Upper
83	100		
55	1.0	71.8	107.6#
98	3.5	34.2	51.4#



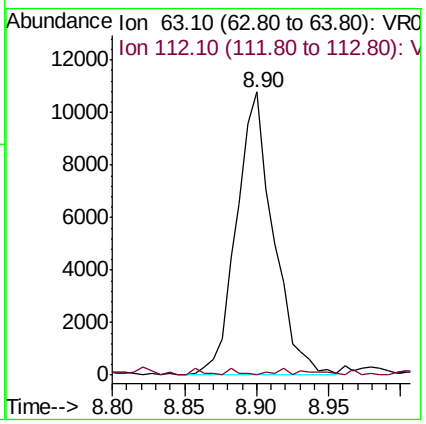


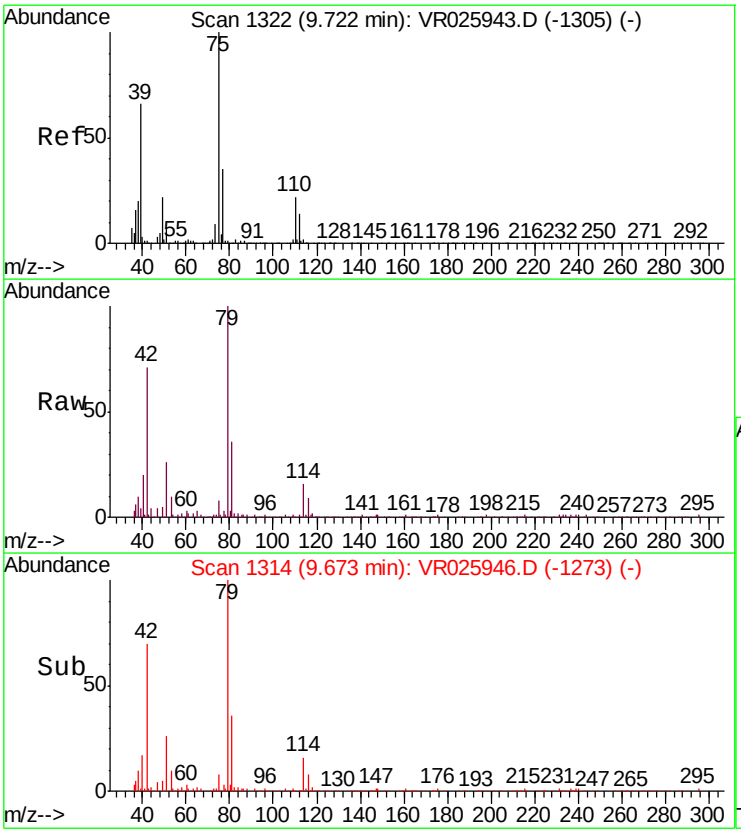
#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025946.D
Acq: 4 Oct 2018 19:14

Instrument :
MSVOA_R
ClientSampleId :
ESNN1

Tgt Ion: 63 Resp: 19165

Ion	Ratio	Lower	Upper
63	100		
112	0.9	2.5	3.7#

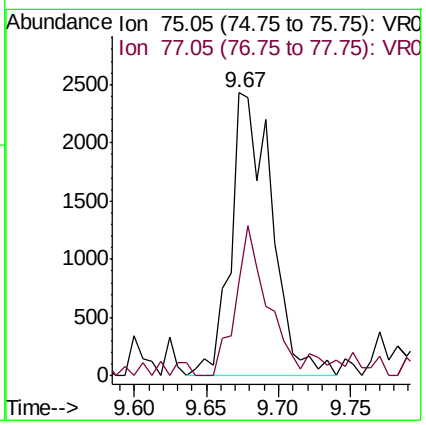


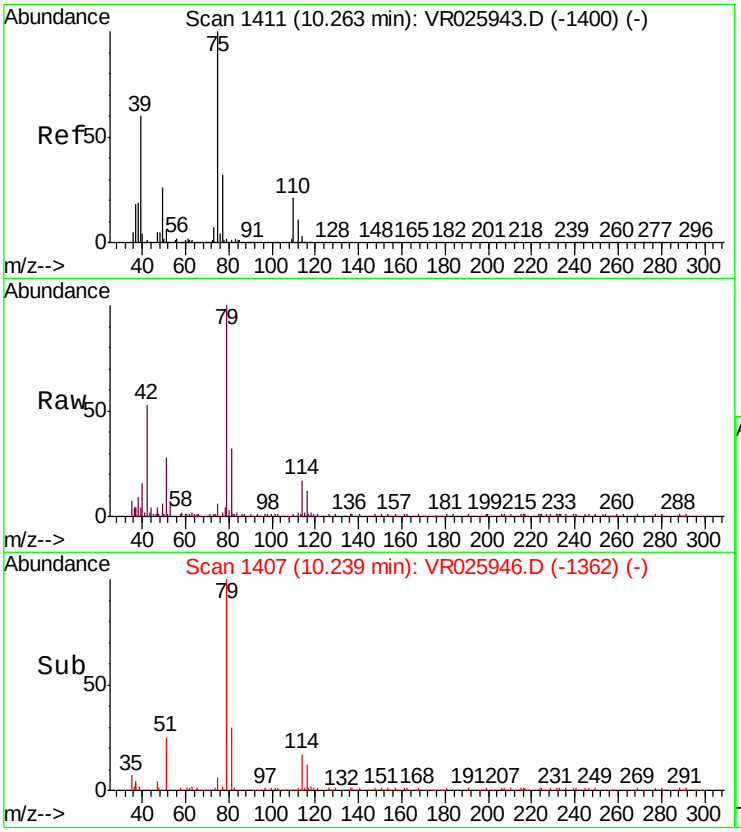


#39
cis-1,3-Dichloropropene
Concen: 0.156 ug/L
RT: 9.67 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VR025946.D
Acq: 4 Oct 2018 19:14

Tgt Ion: 75 Resp: 4794

Ion	Ratio	Lower	Upper
75	100		
77	33.3	21.5	39.9



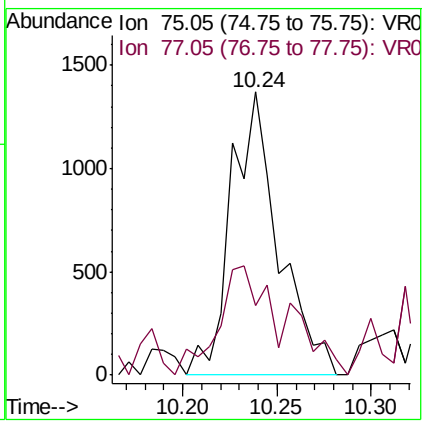


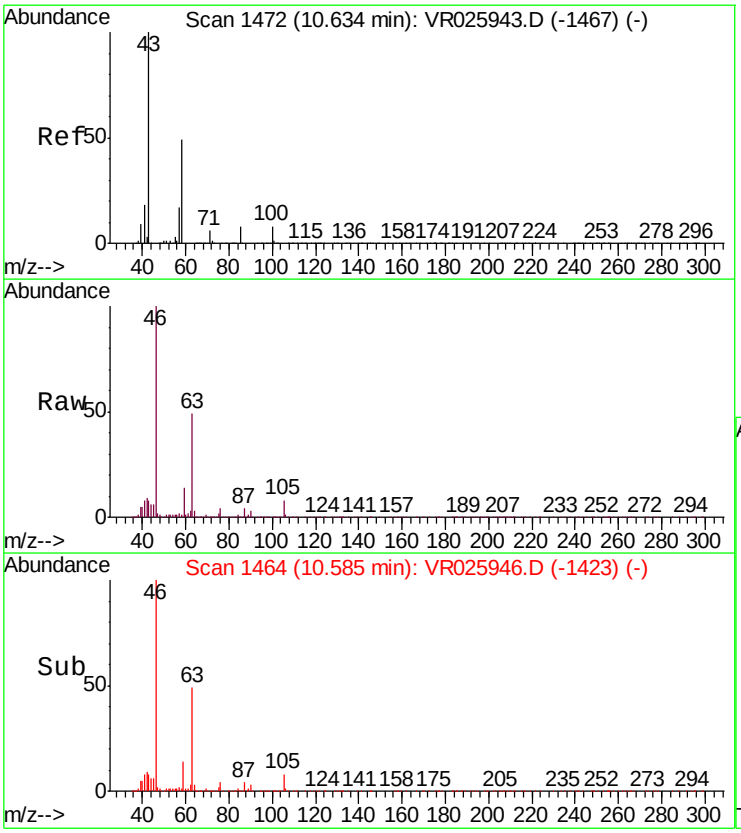
#44
trans-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR025946.D
Acq: 4 Oct 2018 19:14

Instrument :
MSVOA_R
ClientSampleId :
ESNN1

Tgt Ion: 75 Resp: 2401

Ion	Ratio	Lower	Upper
75	100		
77	24.7	23.0	42.8





#48
2-Hexanone
Concen: 3.642 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR025946.D
Acq: 4 Oct 2018 19:14

Tgt Ion: 43 Resp: 22978

Ion	Ratio	Lower	Upper
43	100		
58	25.8	39.5	59.3#
57	26.2	14.6	21.8#
100	3.4	6.7	10.1#