Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101118\
Data File : VR026047.D
Acq On : 11 Oct 2018 16:22
Operator : SY/MD
Sample : J5315-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId :

Quant Time: Oct 12 08:10:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 12 08:06:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	413982	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	370031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	125689	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	177360	5.43	ug/L	-0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.60%			
7) Chloroethane-d5	2.63	69	163552	6.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.60%			
11) 1,1-Dichloroethene-d2	3.63	63	334613	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.20%			
20) 2-Butanone-d5	6.59	46	209278	57.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.00%			
24) Chloroform-d	7.20	84	293496	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	7.90	65	136888	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.00%			
32) Benzene-d6	7.85	84	584223	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	8.90	67	163045	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	9.97	98	540218	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	10.24	79	36842	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
46) 2-Hexanone-d5	10.59	63	170401	59.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.64%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69653	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	13.52	152	103127	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.63	96	2917	0.093	ug/L #	1
13) Acetone	3.71	43	8025	3.042	ug/L	81
15) Methyl Acetate	4.43	43	681	0.093	ug/L	94
17) Methyl tert-butyl Ether	4.90	73	3601	0.104	ug/L #	76
19) 1,1-Dichloroethane	5.68	63	3457	0.068	ug/L #	79
22) cis-1,2-Dichloroethene	6.68	96	32863	1.264	ug/L #	88
25) Chloroform	7.22	83	7604	0.153	ug/L	90
31) Carbon tetrachloride	7.63	117	8566	0.238	ug/L	96
34) Trichloroethene	8.71	95	50160	1.534	ug/L	93
35) Methylcyclohexane	8.90	83	38365	0.780	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	19989	0.751	ug/L #	95
39) cis-1,3-Dichloropropene	9.68	75	4691	0.157	ug/L	95
44) trans-1,3-Dichloropropene	10.24	75	2605	0.134	ug/L	85
47) Tetrachloroethene	10.51	164	1097040	54.441	ug/L	91
48) 2-Hexanone	10.59	43	27044	4.412	ug/L #	71
49) Dibromochloromethane	10.51	129	968629	79.252	ug/L #	11
66) 1,2-Dibromo-3-chloropropan	14.15	75	234	0.189	ug/L #	71

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
Data File : VR026047.D
Acq On : 11 Oct 2018 16:22
Operator : SY/MD
Sample : J5315-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Oct 12 08:10:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 12 08:06:28 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\VR101118\
Data File : VR026047.D
Acq On : 11 Oct 2018 16:22
Operator : SY/MD
Sample : J5315-05
Misc : 25mL/MSVOA R/WATER
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MSVOA_R
ClientSampleId :

Quant Time: Oct 12 08:10:26 2018
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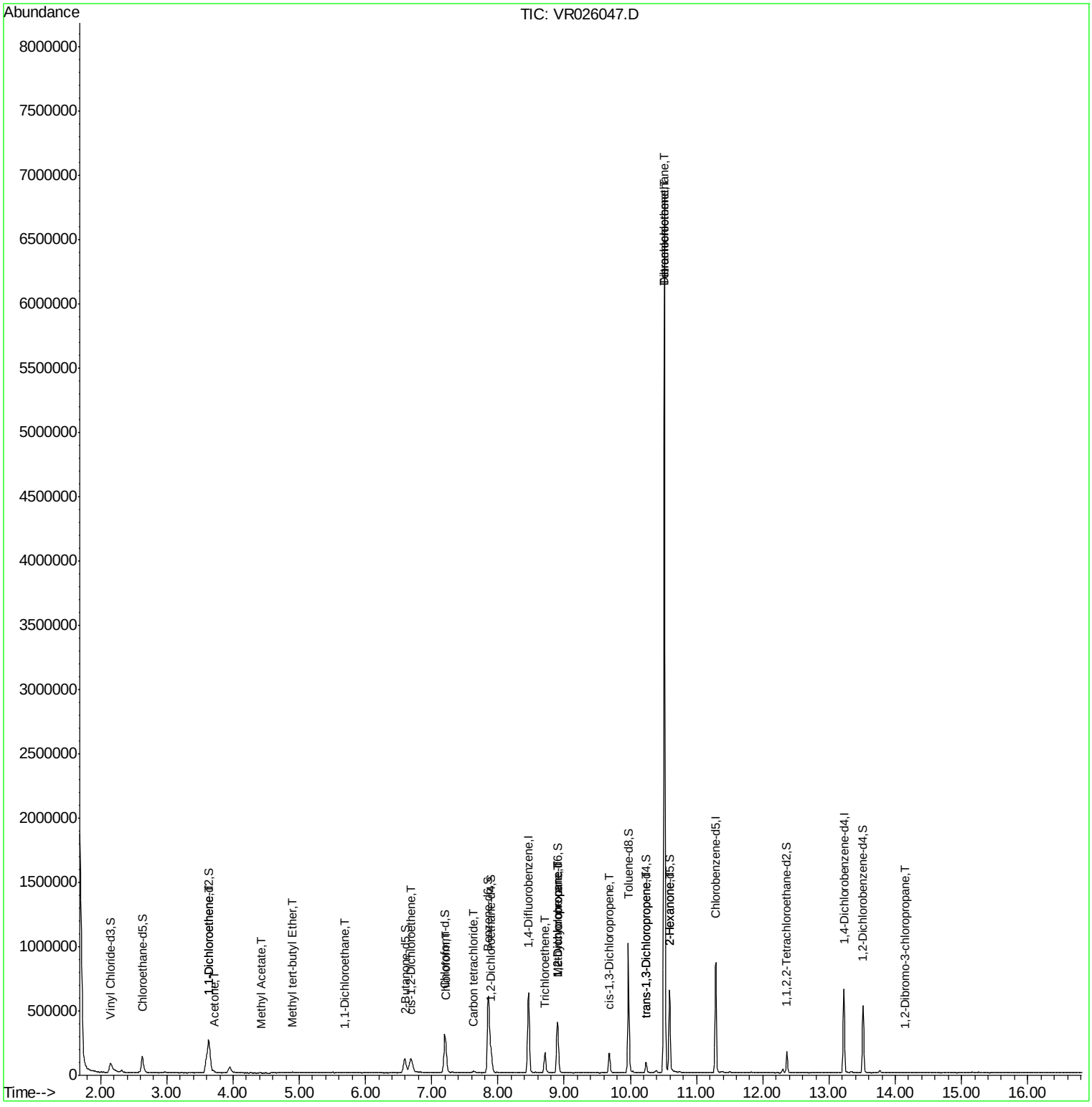
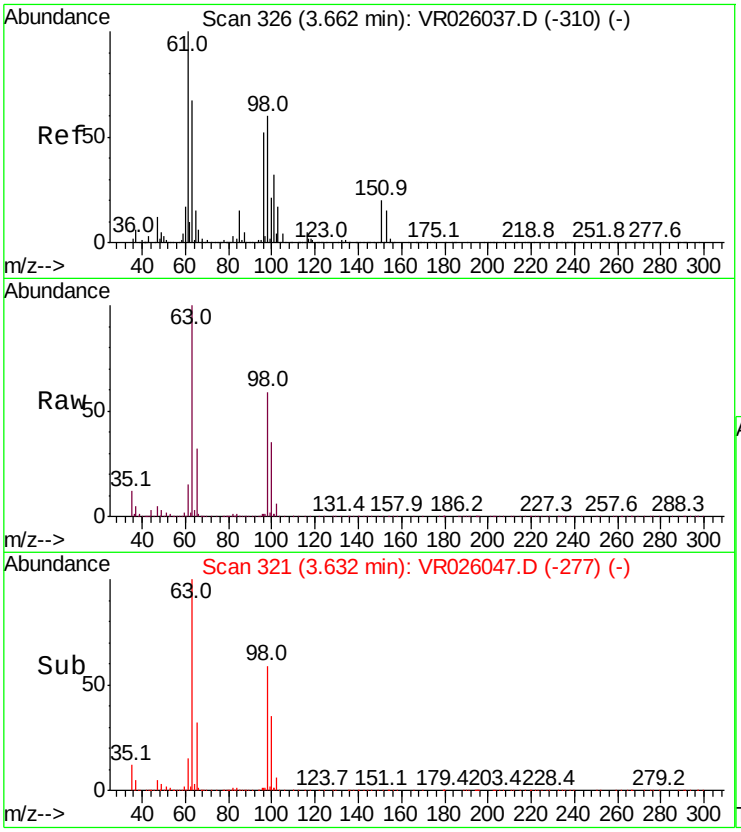
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 12 08:06:28 2018
Response via : Initial Calibration



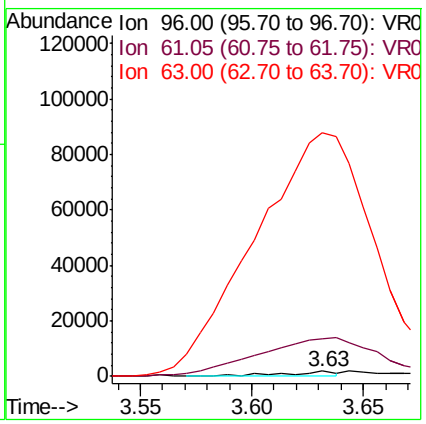


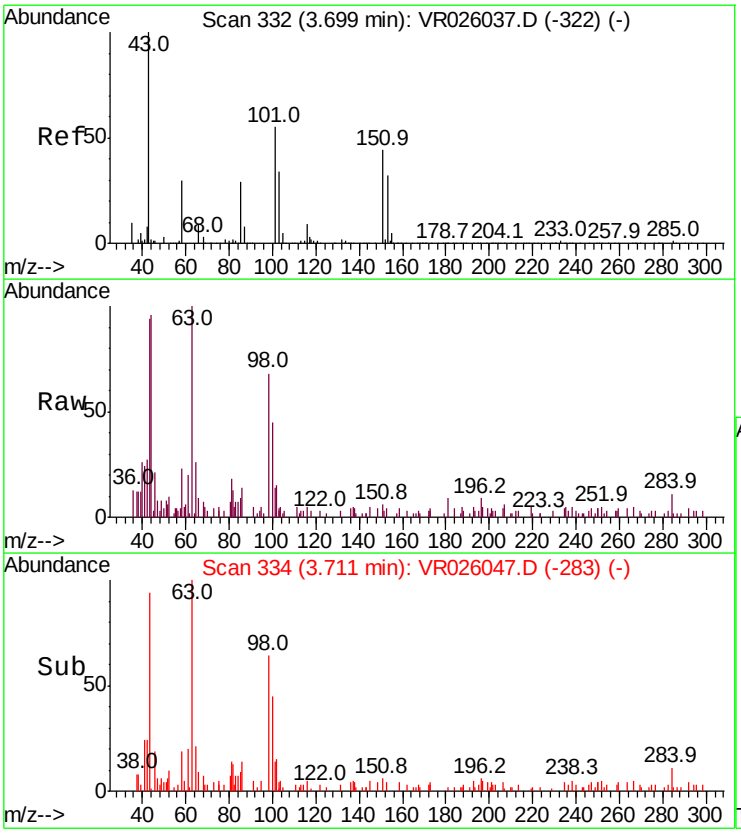
#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 3.63 min Scan# 321
Delta R.T. -0.03 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 96 Resp: 2917

Ion	Ratio	Lower	Upper
96	100		
61	695.8	145.0	269.4#
63	4531.7	123.8	230.0#

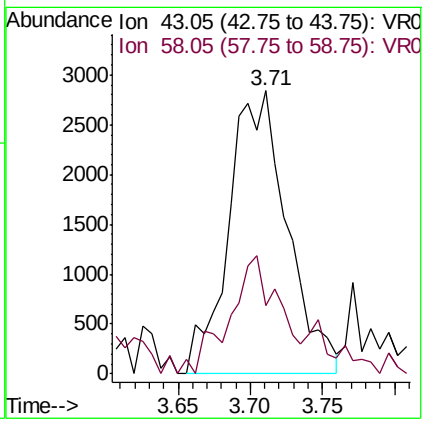


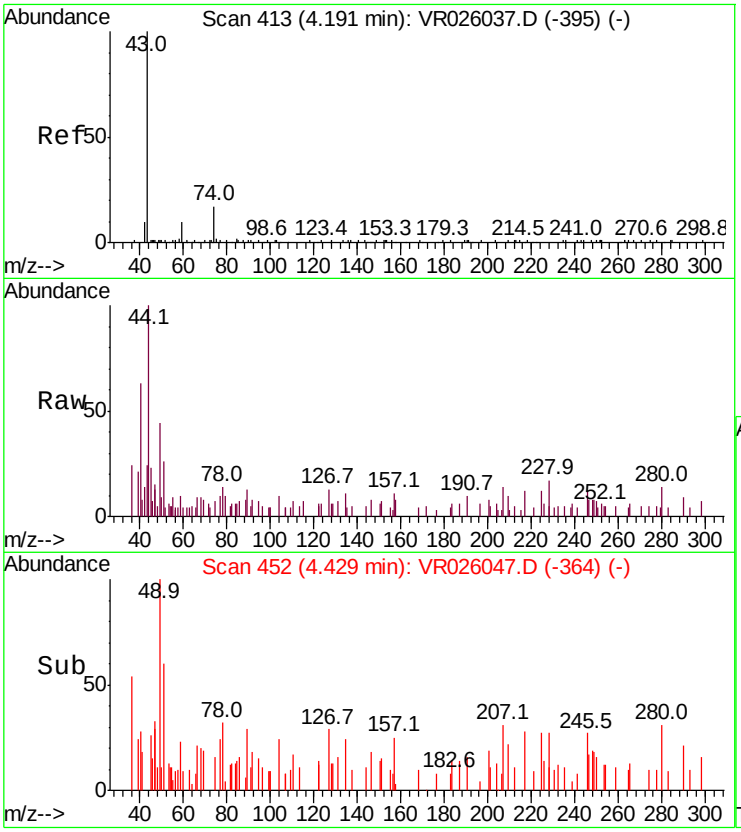


#13
Acetone
Concen: 3.042 ug/L
RT: 3.71 min Scan# 334
Delta R.T. 0.01 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Tgt Ion: 43 Resp: 8025

Ion	Ratio	Lower	Upper
43	100		
58	35.4	0.0	51.4



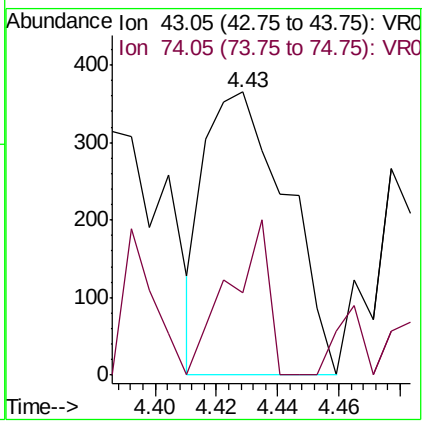


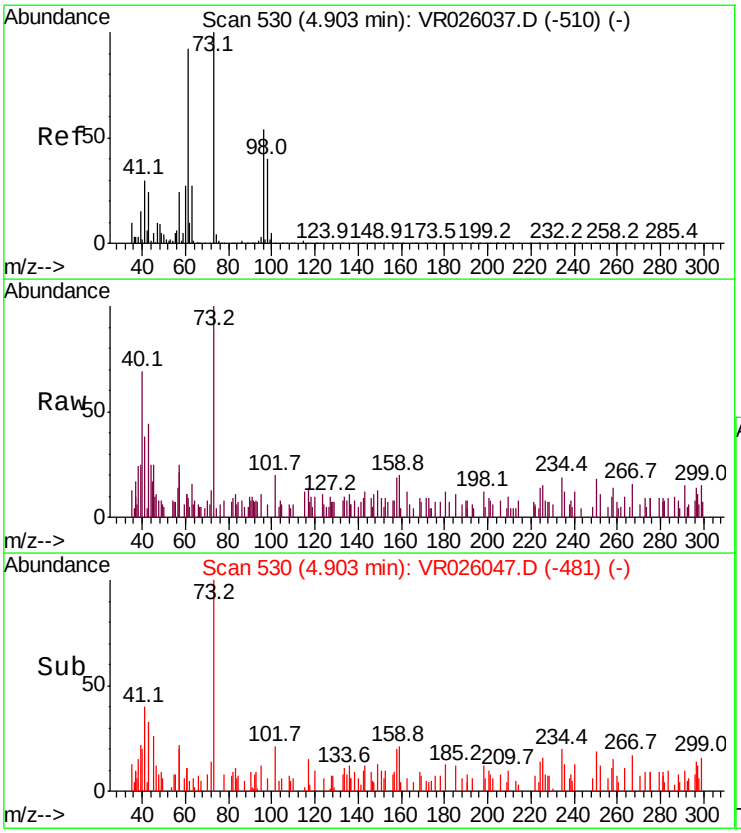
#15
Methyl Acetate
Concen: 0.093 ug/L
RT: 4.43 min Scan# 452
Delta R.T. 0.24 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 43 Resp: 681

Ion	Ratio	Lower	Upper
43	100		
74	26.4	19.0	28.4

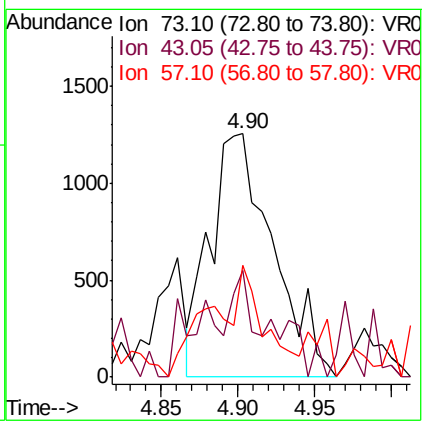


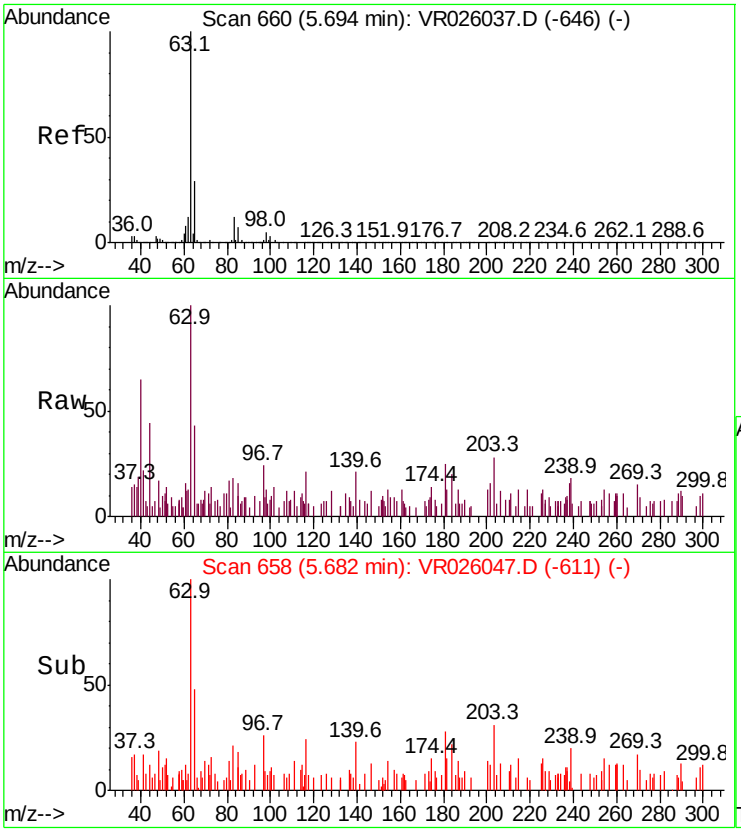


#17
Methyl tert-butyl Ether
Concen: 0.104 ug/L
RT: 4.90 min Scan# 530
Delta R.T. 0.00 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Tgt Ion: 73 Resp: 3601

Ion	Ratio	Lower	Upper
73	100		
43	6.2	19.8	29.8#
57	18.0	17.9	26.9



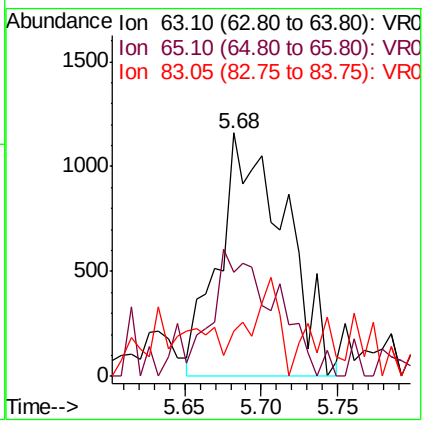


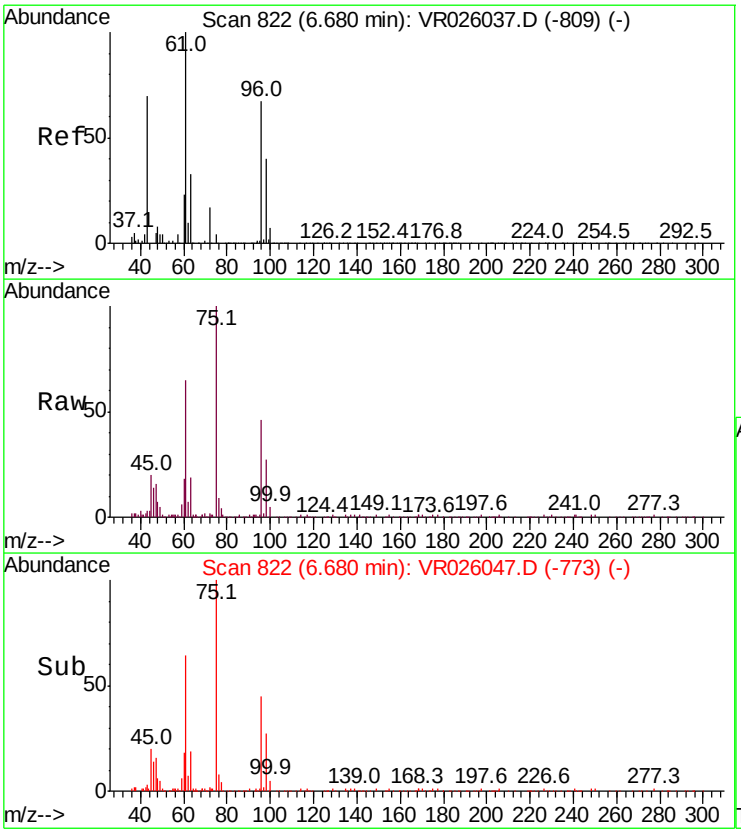
#19
1,1-Dichloroethane
Concen: 0.068 ug/L
RT: 5.68 min Scan# 658
Delta R.T. -0.01 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 63 Resp: 3457

Ion	Ratio	Lower	Upper
63	100		
65	42.7	21.1	39.1#
83	18.4	8.9	16.5#

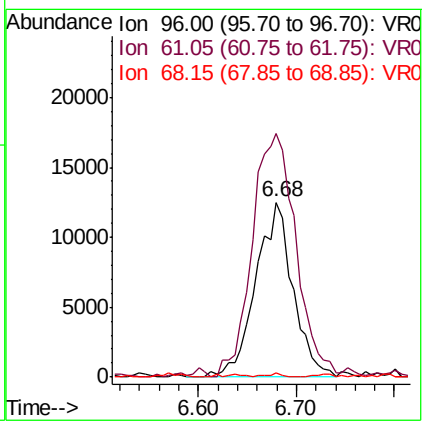


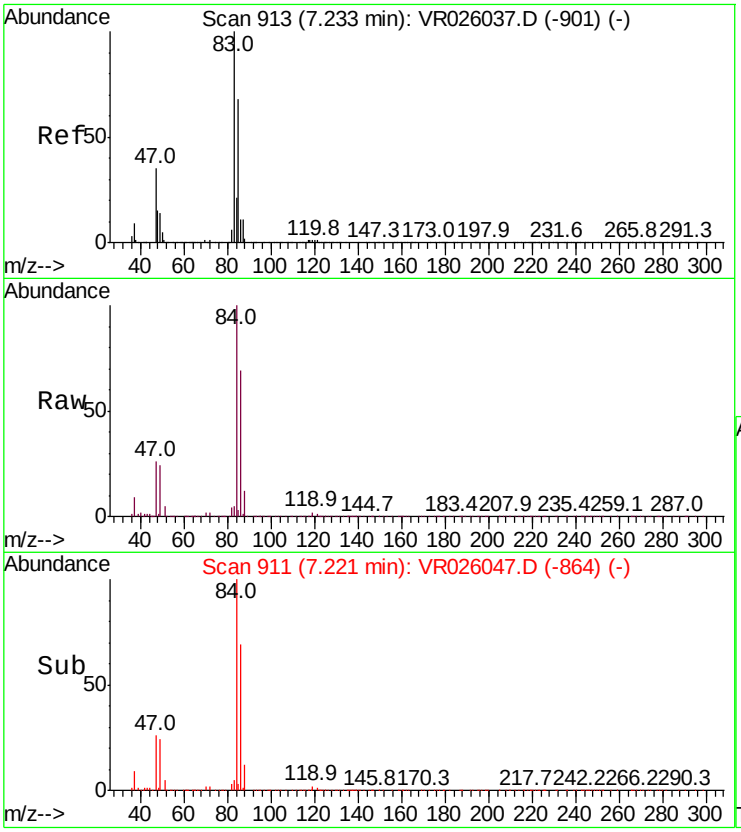


#22
cis-1,2-Dichloroethene
Concen: 1.264 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.00 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Tgt Ion: 96 Resp: 32863

Ion	Ratio	Lower	Upper
96	100		
61	139.3	108.7	201.9
68	2.6	0.1	0.1#



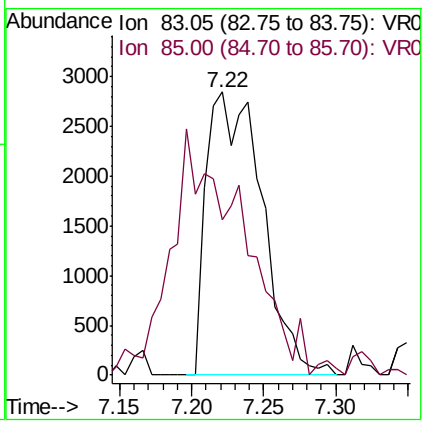


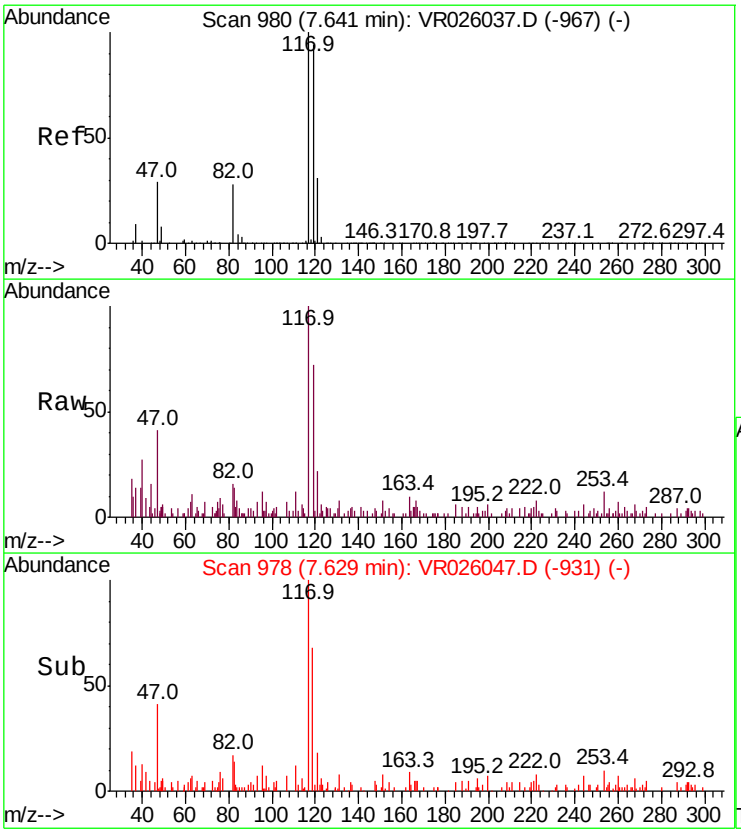
#25
Chloroform
Concen: 0.153 ug/L
RT: 7.22 min Scan# 911
Delta R.T. -0.01 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 83 Resp: 7604

Ion	Ratio	Lower	Upper
83	100		
85	54.9	43.8	81.4

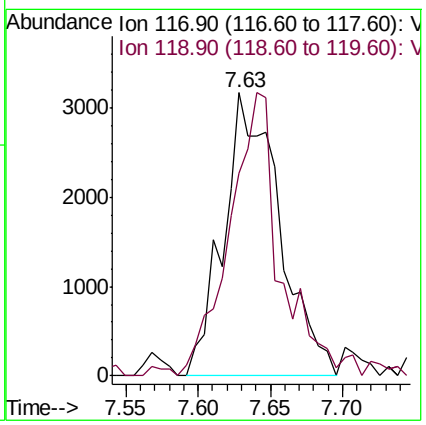


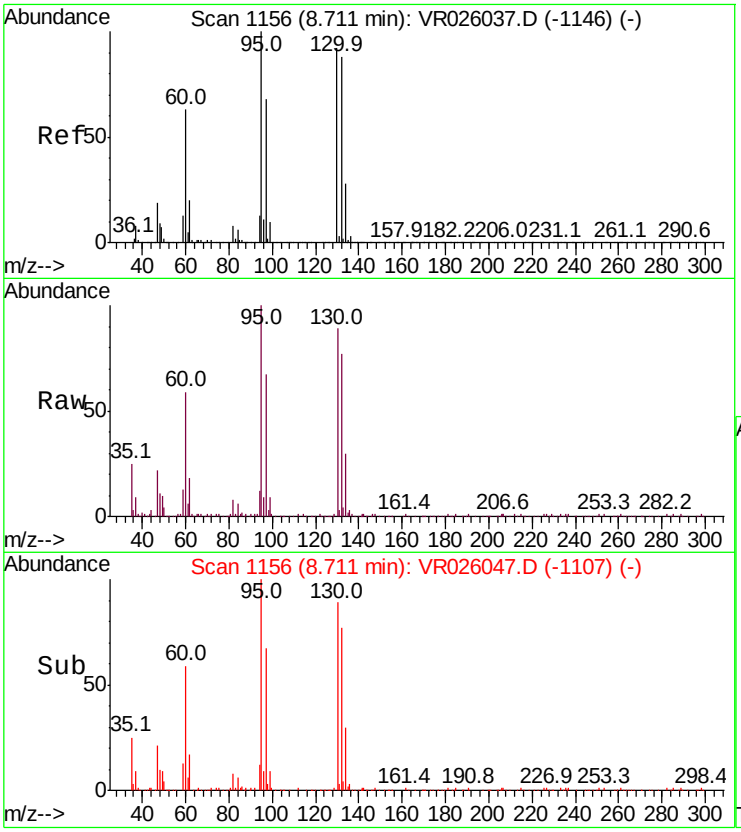


#31
Carbon tetrachloride
Concen: 0.238 ug/L
RT: 7.63 min Scan# 978
Delta R.T. -0.01 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Tgt Ion:117 Resp: 8566

Ion	Ratio	Lower	Upper
117	100		
119	90.5	75.6	113.4



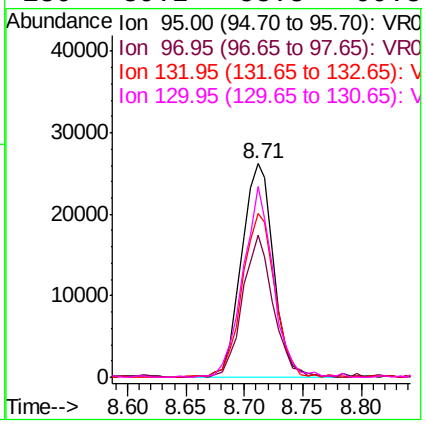


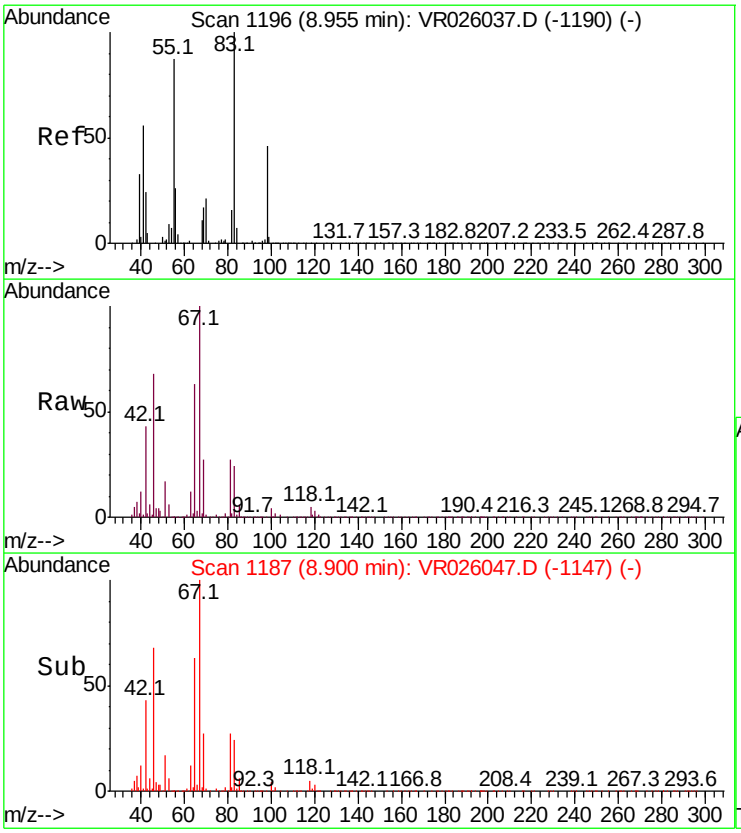
#34
Trichloroethene
Concen: 1.534 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 95 Resp: 50160

Ion	Ratio	Lower	Upper
95	100		
97	66.5	43.9	81.5
132	76.7	53.3	98.9
130	89.2	53.8	99.8

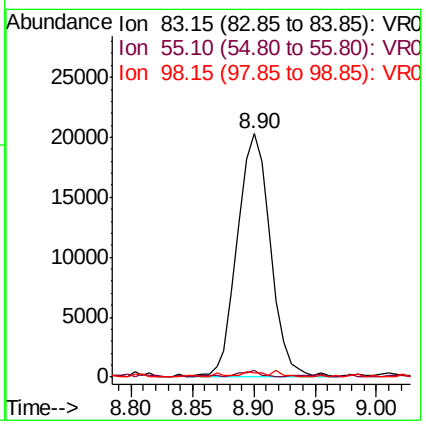


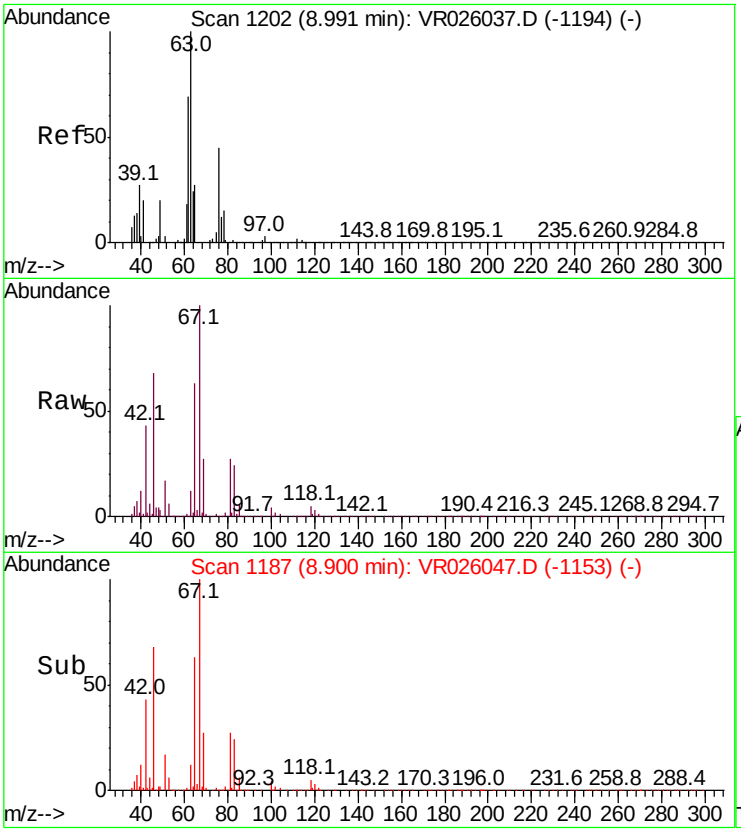


#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Tgt Ion: 83 Resp: 38365

Ion	Ratio	Lower	Upper
83	100		
55	1.6	71.8	107.6#
98	1.1	34.2	51.4#



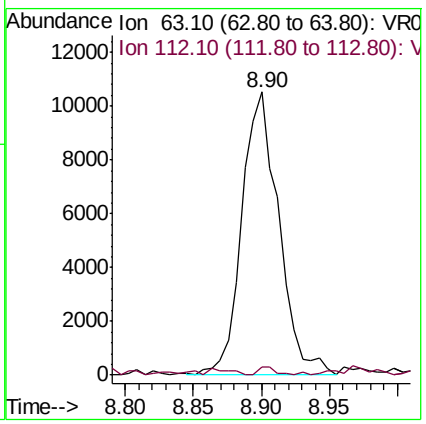


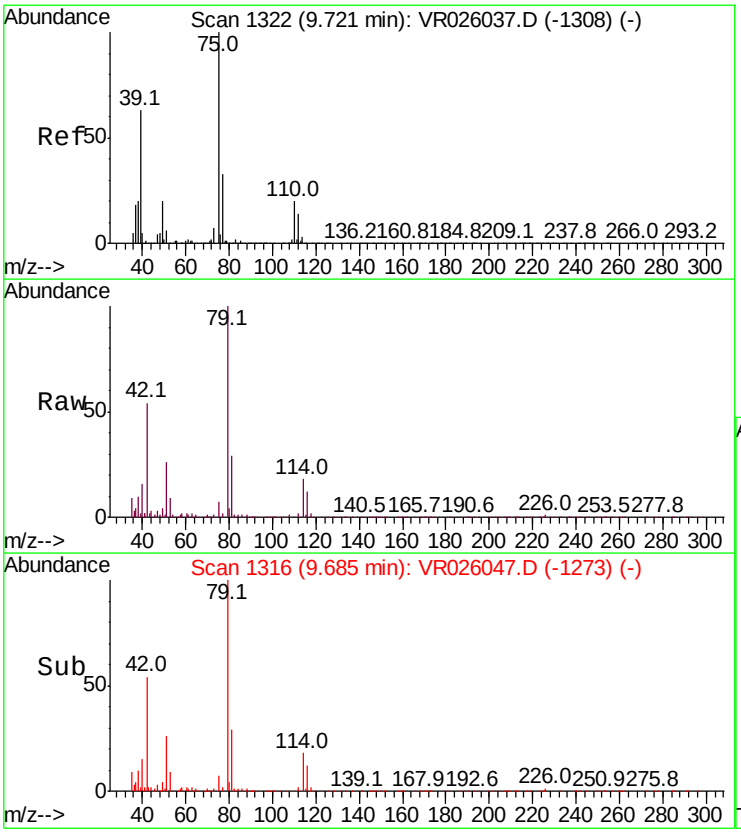
#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 63 Resp: 19989

Ion	Ratio	Lower	Upper
63	100		
112	1.4	2.5	3.7#

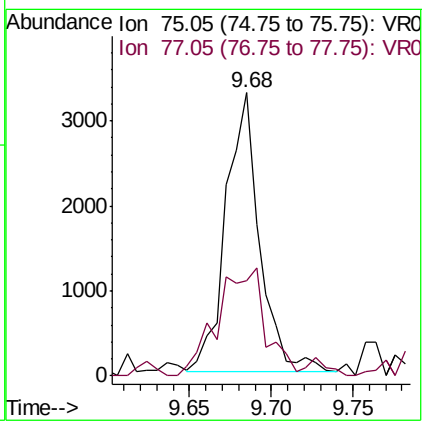


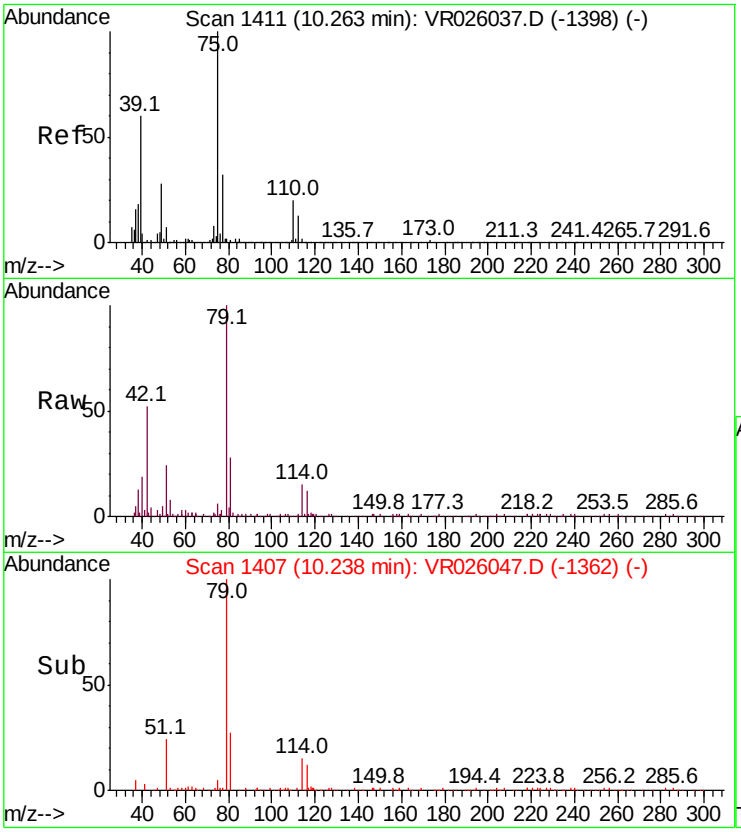


#39
cis-1,3-Dichloropropene
Concen: 0.157 ug/L
RT: 9.68 min Scan# 1316
Delta R.T. -0.04 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Tgt Ion: 75 Resp: 4691

Ion	Ratio	Lower	Upper
75	100		
77	33.6	21.5	39.9



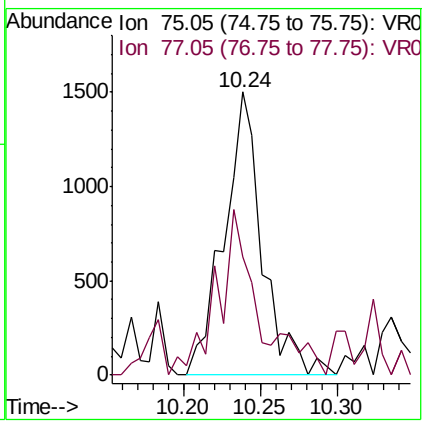


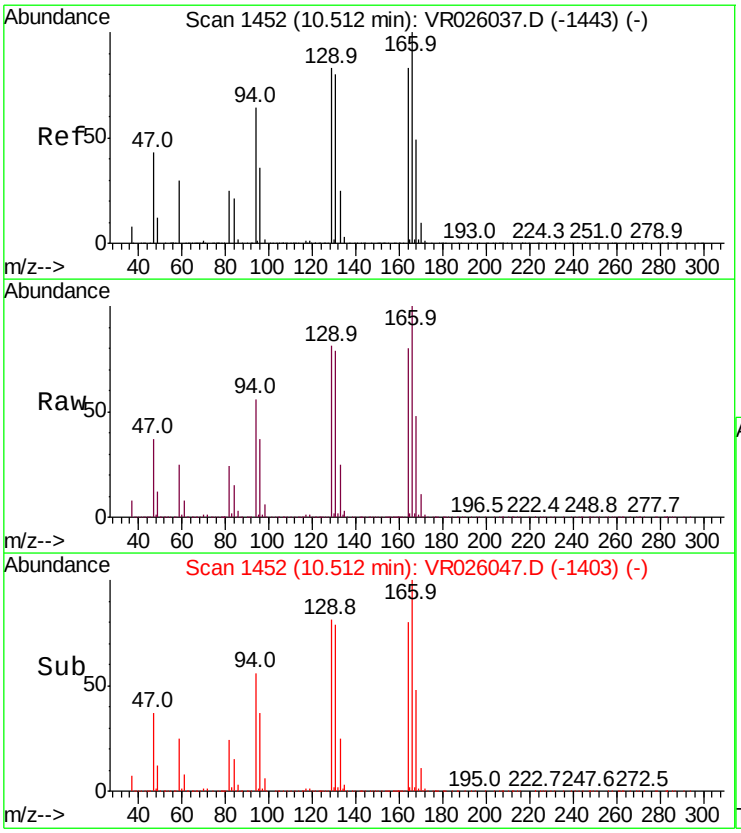
#44
trans-1,3-Dichloropropene
Concen: 0.134 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 75 Resp: 2605

Ion	Ratio	Lower	Upper
75	100		
77	41.6	23.0	42.8

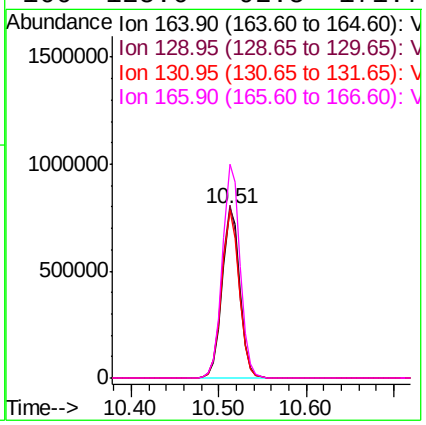


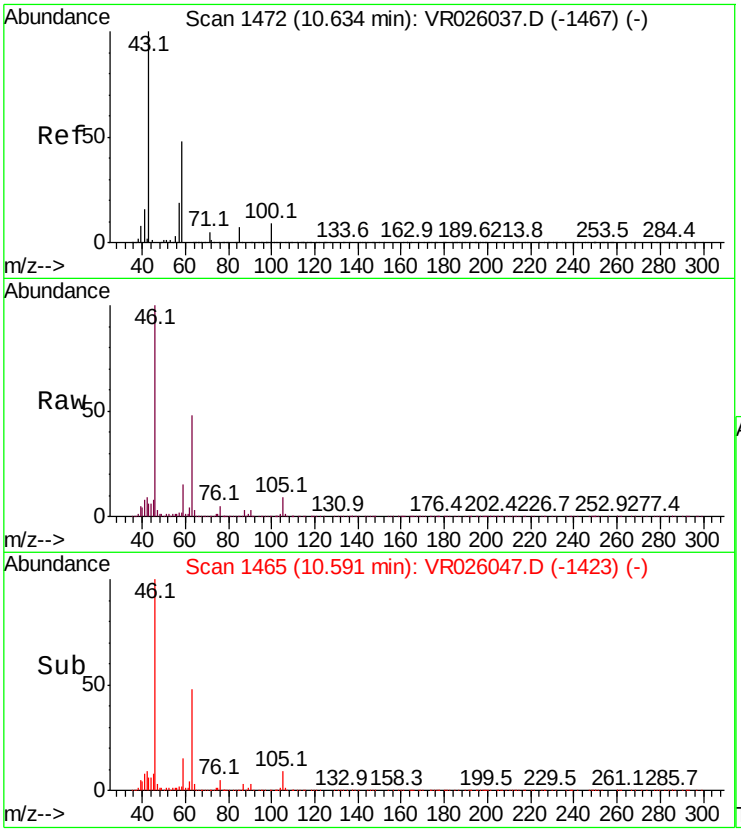


#47
Tetrachloroethene
Concen: 54.441 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Tgt Ion:164 Resp: 1097040

Ion	Ratio	Lower	Upper
164	100		
129	101.4	80.8	150.2
131	98.8	74.5	138.3
166	125.6	92.5	171.7



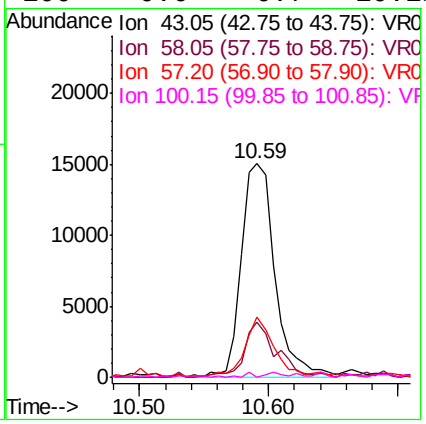


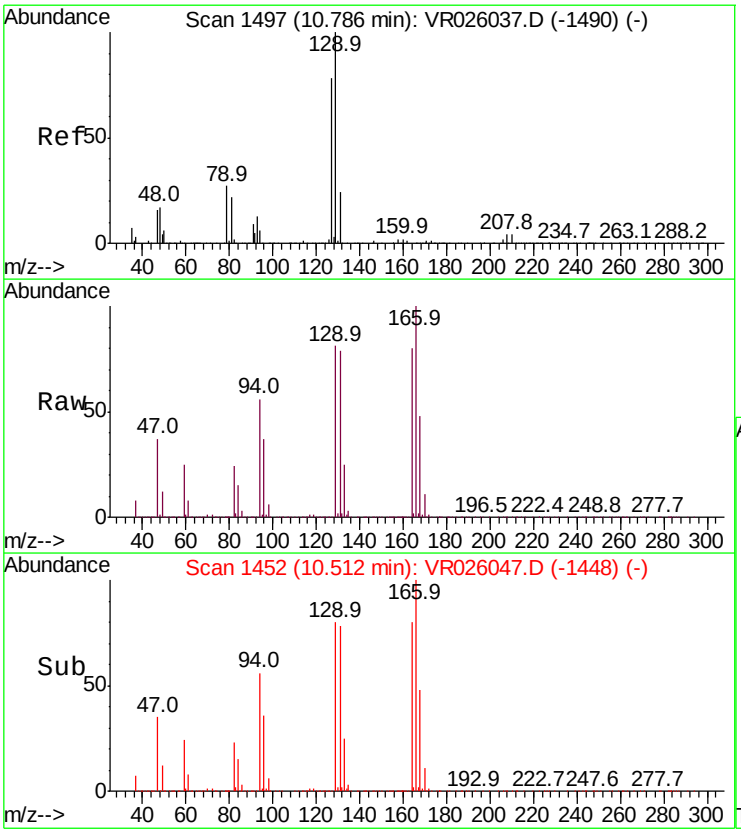
#48
2-Hexanone
Concen: 4.412 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 43 Resp: 27044

Ion	Ratio	Lower	Upper
43	100		
58	24.5	39.5	59.3#
57	23.5	14.6	21.8#
100	0.6	6.7	10.1#

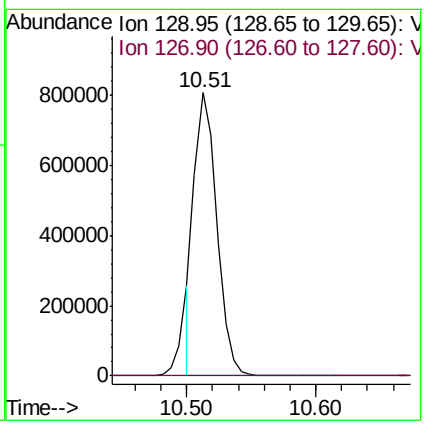


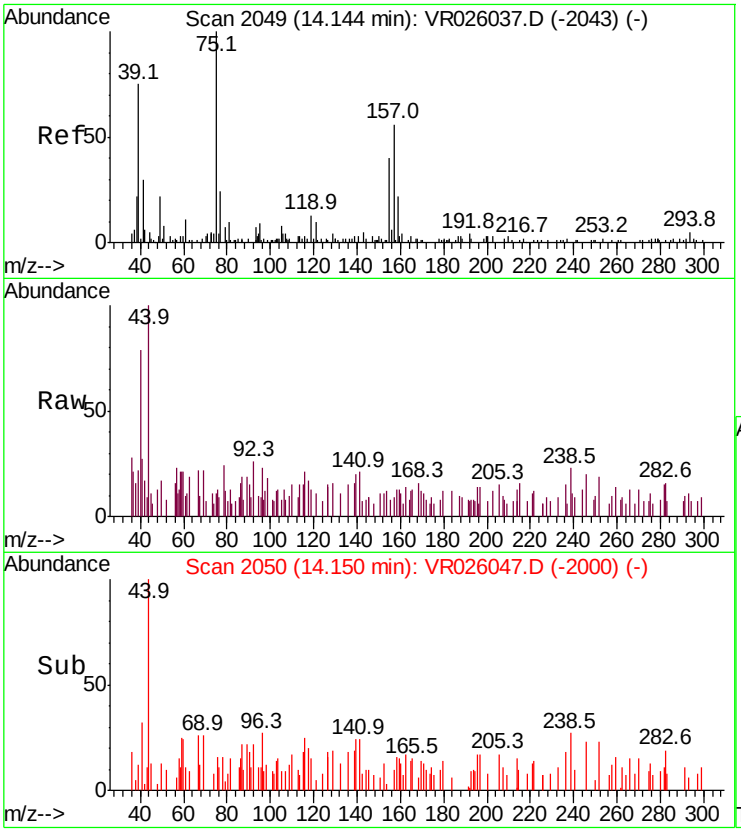


#49
Dibromochloromethane
Concen: 79.252 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Tgt Ion:129 Resp: 968629

Ion	Ratio	Lower	Upper
129	100		
127	0.1	54.1	100.5#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.189 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VR026047.D
Acq: 11 Oct 2018 16:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 75 Resp: 234

Ion	Ratio	Lower	Upper
75	100		
155	33.2	37.8	56.6#
157	35.5	49.7	74.5#