Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022719\

Quantitation Report (Not Reviewed)

Data File : VR026403.D
Acq On : 27 Feb 2019 14:34
Operator : SY/MD
Sample : K1588-08
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : C09L7

Quant Time: Feb 28 07:33:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	489299	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	404349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	113791	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	153011	3.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.00%			
7) Chloroethane-d5	2.62	69	143960	3.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.40%			
11) 1,1-Dichloroethene-d2	3.60	63	320800	2.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.20%#			
20) 2-Butanone-d5	6.59	46	186557	53.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.80%			
24) Chloroform-d	7.20	84	337221	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
26) 1,2-Dichloroethane-d4	7.89	65	141528	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	7.85	84	584166	3.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.80%			
36) 1,2-Dichloropropane-d6	8.89	67	166778	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.60%			
41) Toluene-d8	9.97	98	508664	3.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.20%			
43) trans-1,3-Dichloropropene-	10.23	79	31636	3.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.20%			
46) 2-Hexanone-d5	10.59	63	141695	55.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.48%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60826	4.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	98837	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.62	96	12593	0.295	ug/L #	1
13) Acetone	3.69	43	12747	4.056	ug/L	89
15) Methyl Acetate	3.93	43	44663	5.021	ug/L #	56
19) 1,1-Dichloroethane	5.68	63	17247	0.241	ug/L	91
22) cis-1,2-Dichloroethene	6.67	96	44131	1.348	ug/L #	93
25) Chloroform	7.23	83	73519	1.073	ug/L	93
29) 1,1,1-Trichloroethane	7.43	97	6329	0.108	ug/L #	77
31) Carbon tetrachloride	7.63	117	120361	2.210	ug/L	100
34) Trichloroethene	8.71	95	192432	4.923	ug/L	97
35) Methylcyclohexane	8.89	83	40512	0.731	ug/L #	17
37) 1,2-Dichloropropane	8.89	63	22007	0.667	ug/L #	88
47) Tetrachloroethene	10.51	164	25426	0.897	ug/L	92
49) Dibromochloromethane	10.51	129	22216	1.311	ug/L #	13
66) 1,2-Dibromo-3-chloropropan	14.13	75	225	0.211	ug/L #	47

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022719\

Quantitation Report (Not Reviewed)

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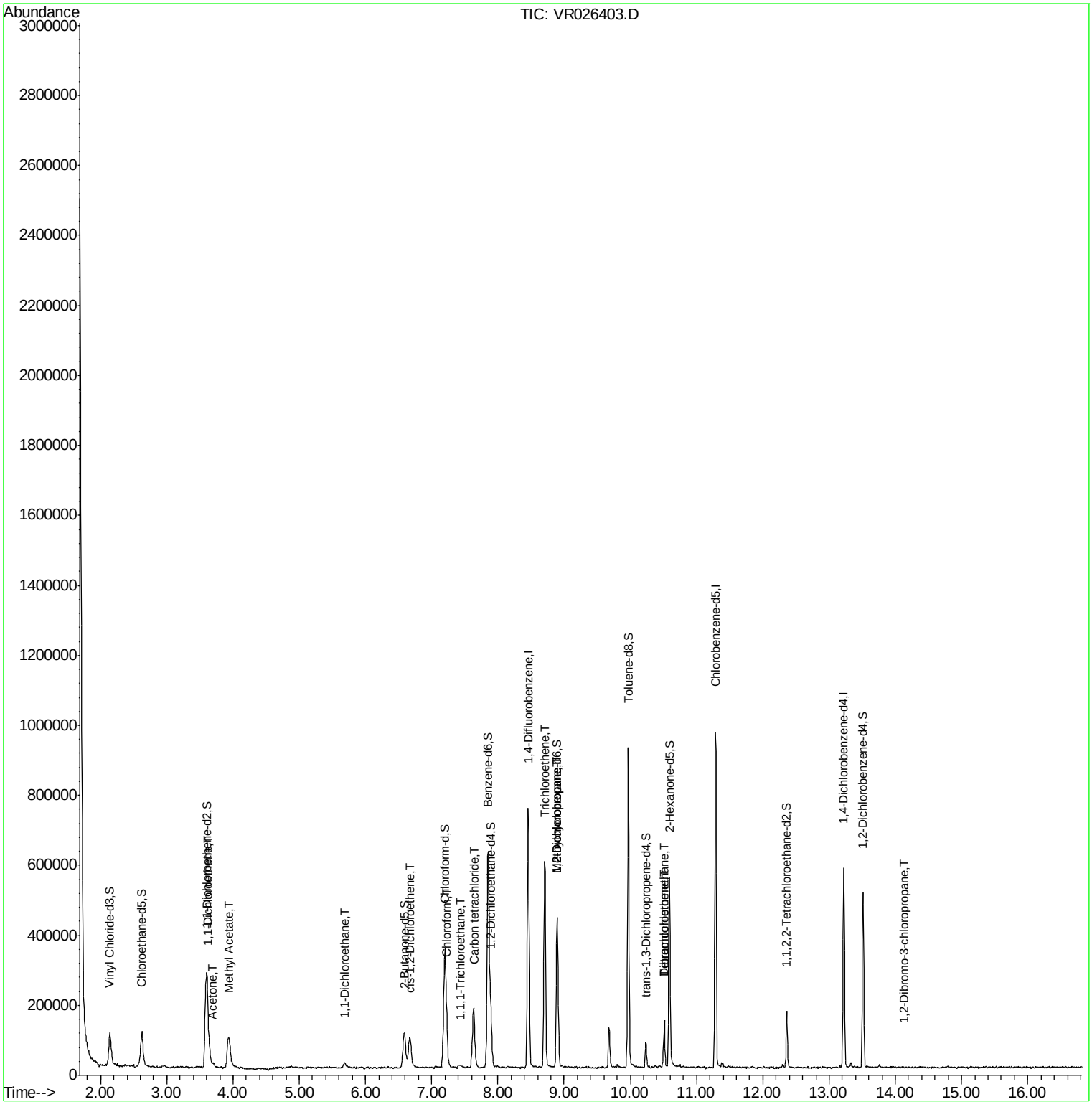
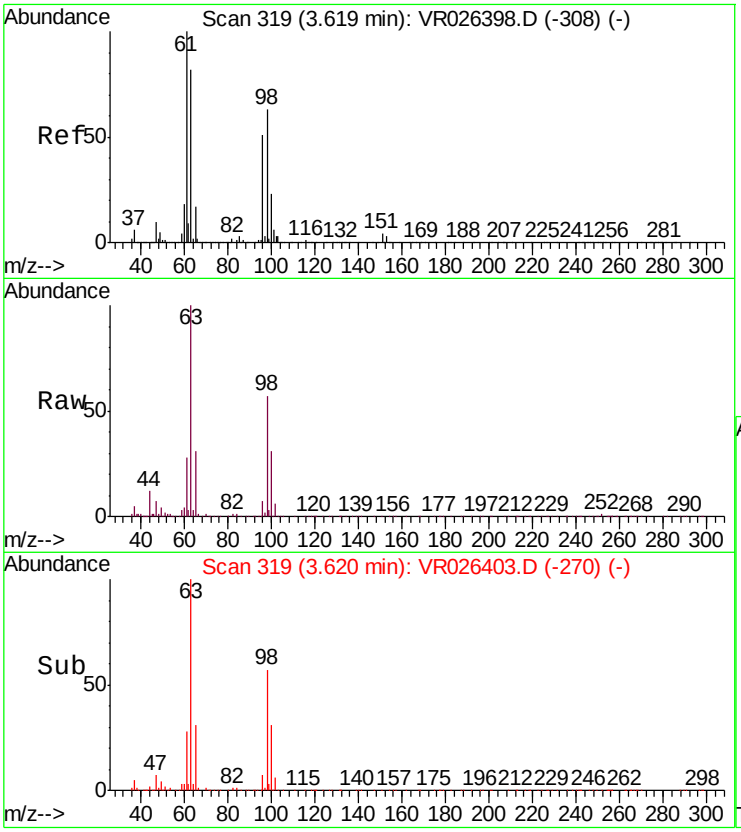
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration



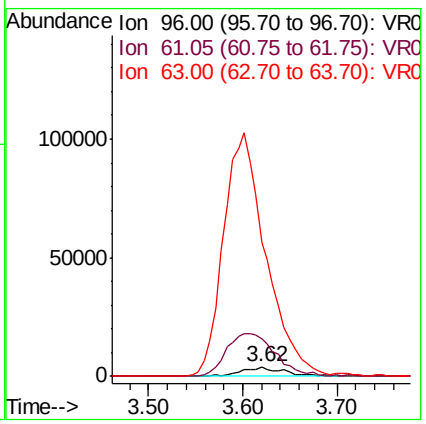


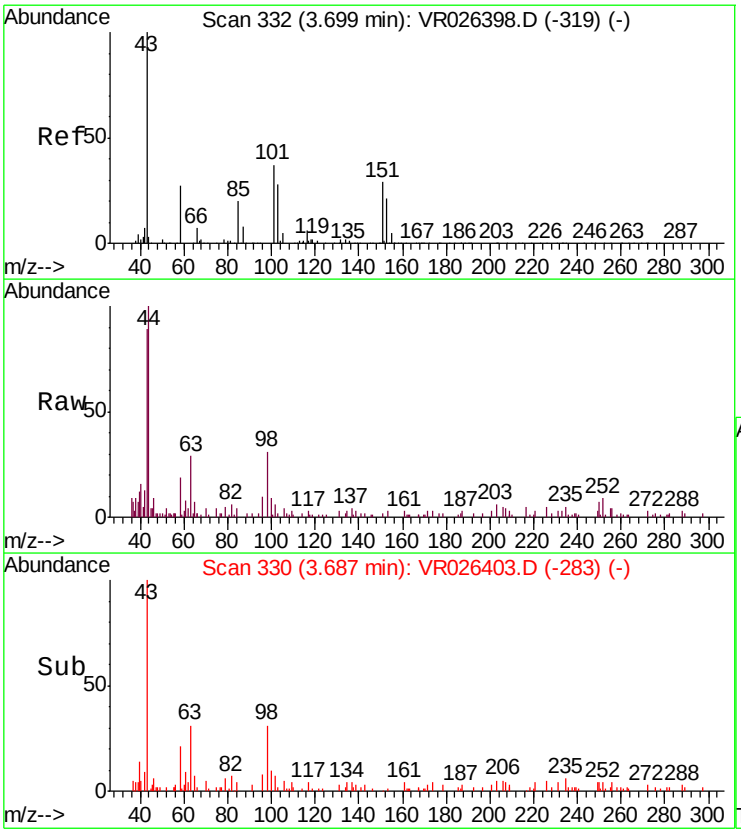
#12
1,1-Dichloroethene
Concen: 0.295 ug/L
RT: 3.62 min Scan# 319
Delta R.T. 0.00 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument : MSVOA_R
ClientSampleId : C09L7

Tgt Ion: 96 Resp: 12593

Ion	Ratio	Lower	Upper
96	100		
61	385.1	135.9	252.5#
63	1354.6	136.6	253.6#

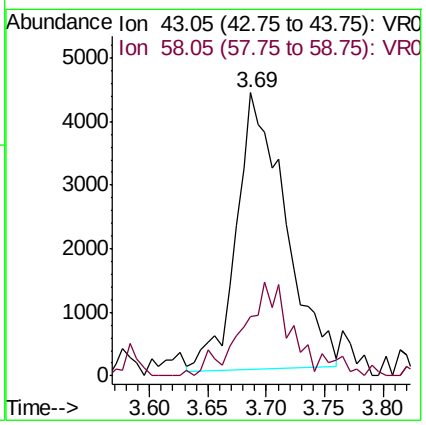


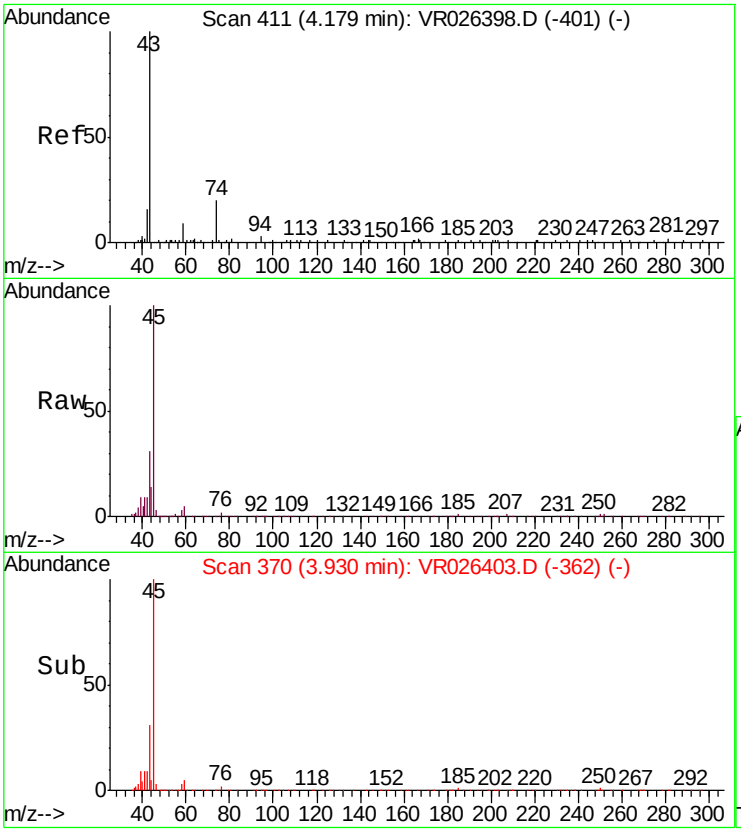


#13
Acetone
Concen: 4.056 ug/L
RT: 3.69 min Scan# 330
Delta R.T. -0.01 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion: 43 Resp: 12747

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	52.2



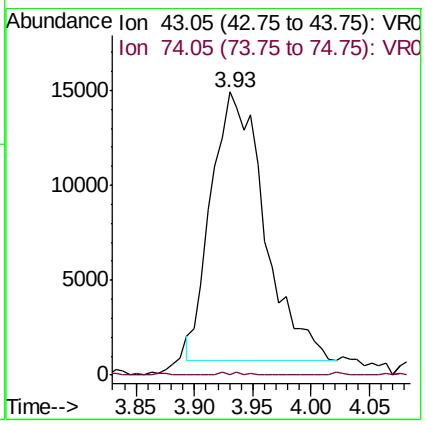


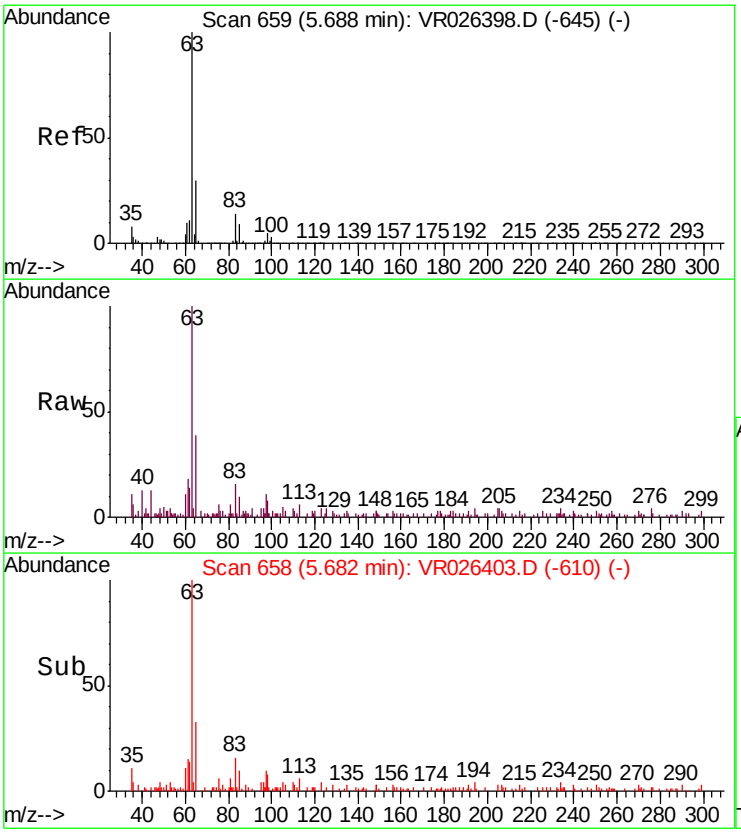
#15
Methyl Acetate
Concen: 5.021 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.25 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument : MSVOA_R
ClientSampleId : C09L7

Tgt Ion: 43 Resp: 44663

Ion	Ratio	Lower	Upper
43	100		
74	0.3	16.6	25.0#

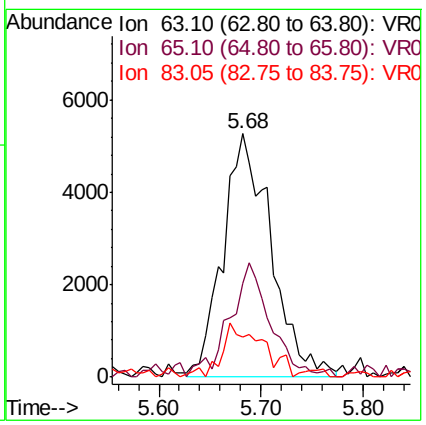


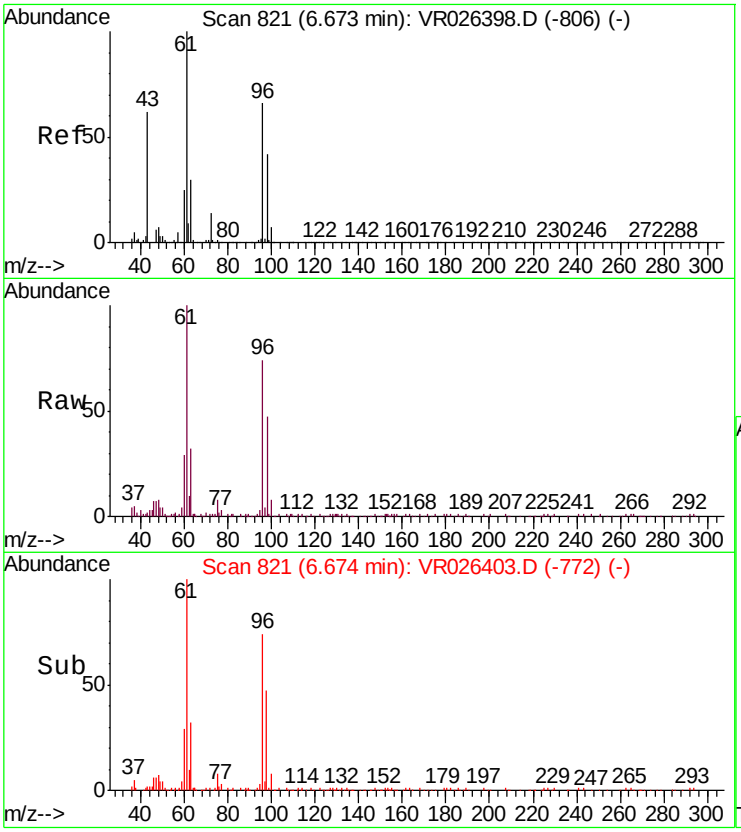


#19
1,1-Dichloroethane
Concen: 0.241 ug/L
RT: 5.68 min Scan# 658
Delta R.T. -0.01 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion: 63 Resp: 17247

Ion	Ratio	Lower	Upper
63	100		
65	38.6	23.6	43.8
83	16.3	8.8	16.4



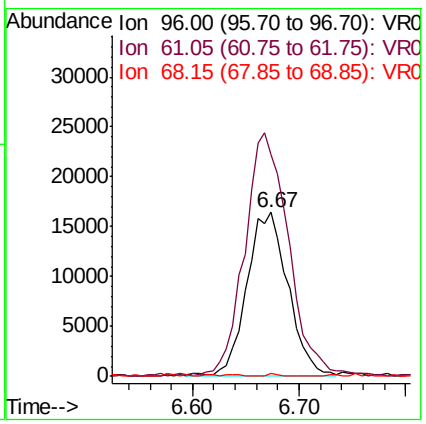


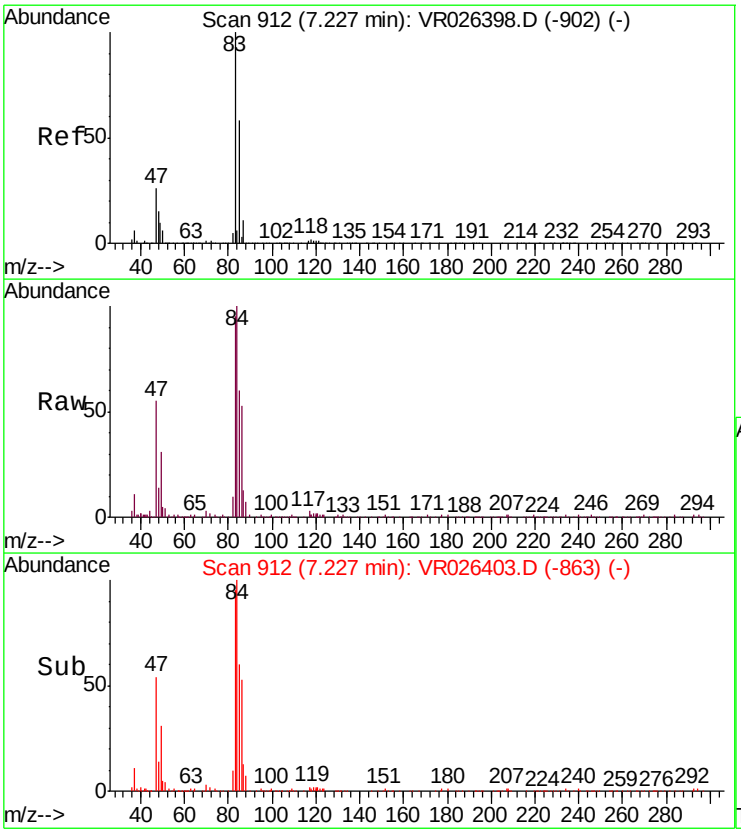
#22
cis-1,2-Dichloroethene
Concen: 1.348 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument : MSVOA_R
ClientSampleId : C09L7

Tgt Ion: 96 Resp: 44131

Ion	Ratio	Lower	Upper
96	100		
61	135.3	100.8	187.2
68	2.1	0.1	0.1#

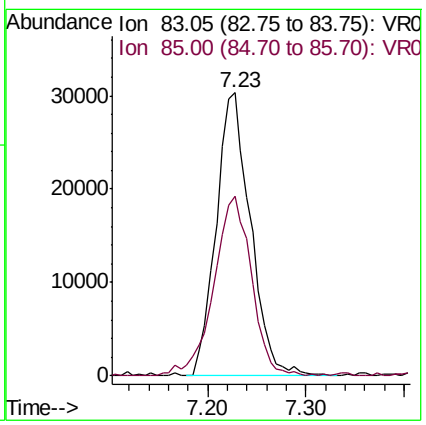


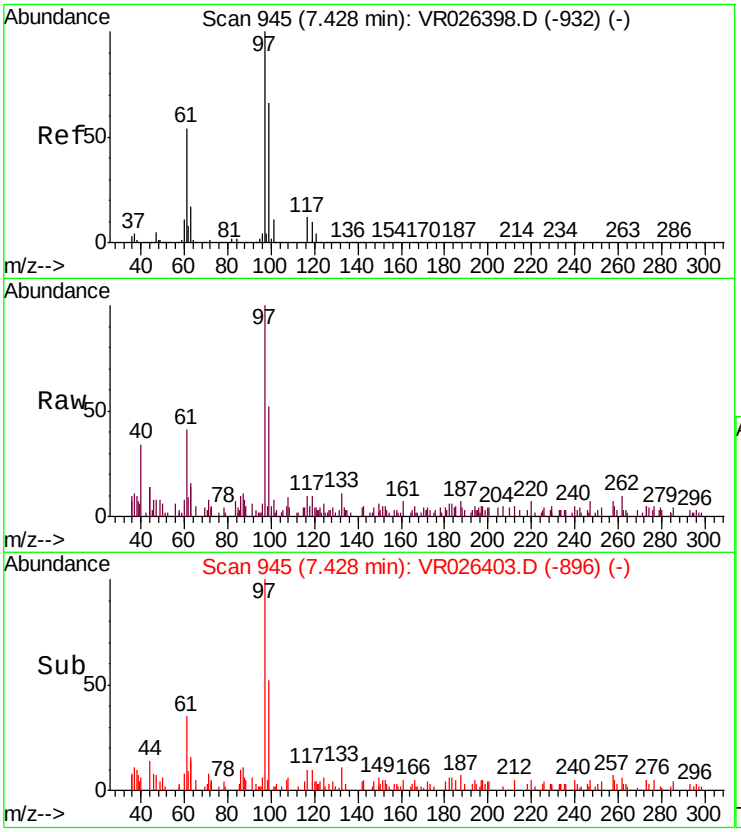


#25
Chloroform
Concen: 1.073 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.00 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion: 83 Resp: 73519

Ion	Ratio	Lower	Upper
83	100		
85	63.4	48.6	90.2



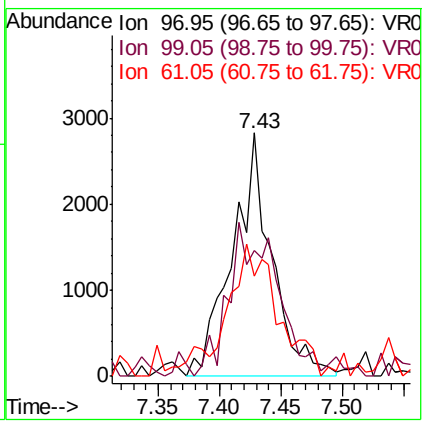


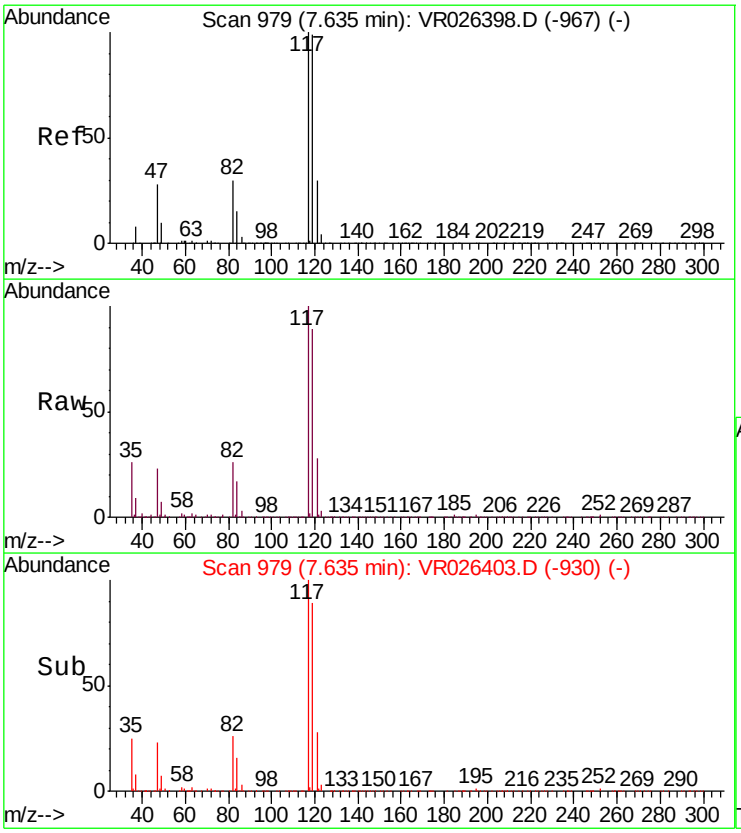
#29
1,1,1-Trichloroethane
Concen: 0.108 ug/L
RT: 7.43 min Scan# 945
Delta R.T. 0.00 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument : MSVOA_R
ClientSampleId : C09L7

Tgt Ion: 97 Resp: 6329

Ion	Ratio	Lower	Upper
97	100		
99	48.6	51.6	77.4#
61	71.5	41.8	62.6#

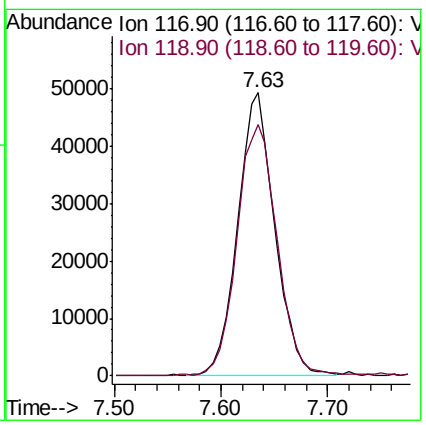


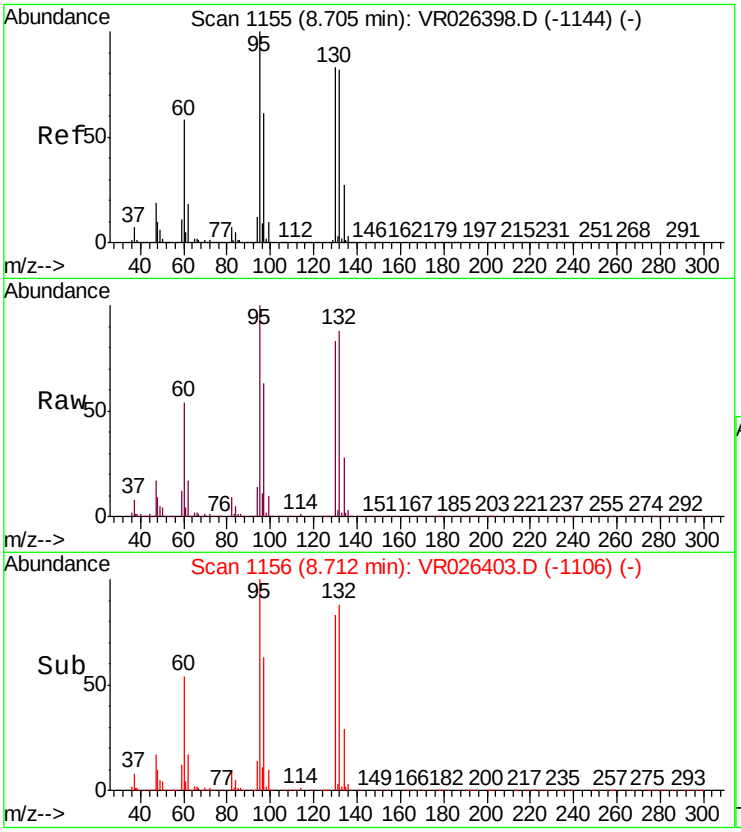


#31
Carbon tetrachloride
Concen: 2.210 ug/L
RT: 7.63 min Scan# 979
Delta R.T. 0.00 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion:117 Resp: 120361

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.0	115.6



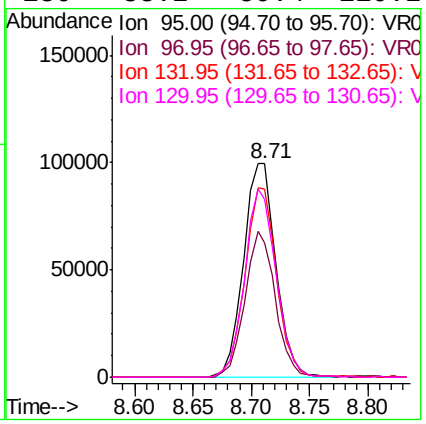


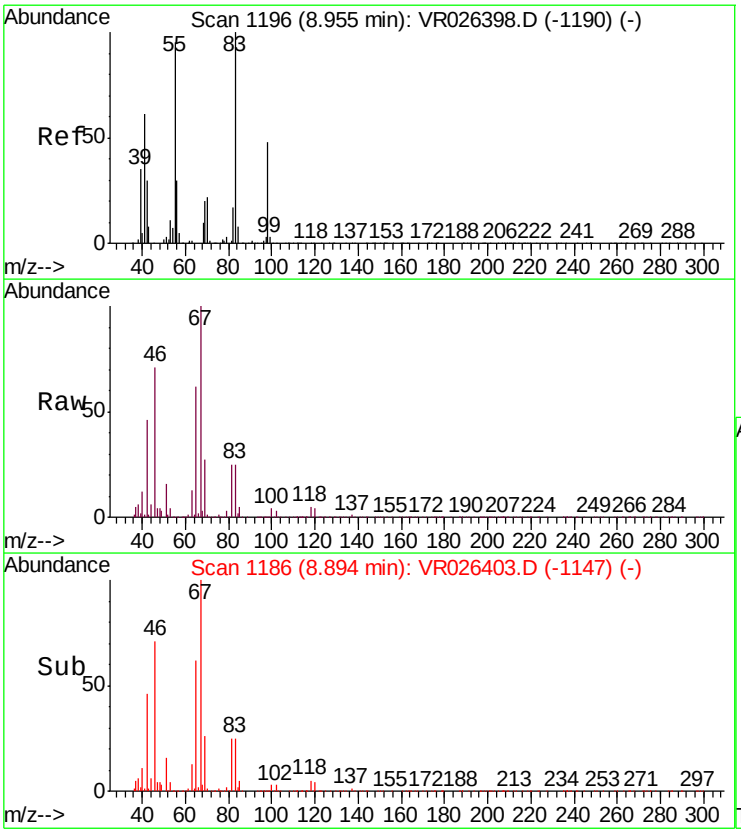
#34
Trichloroethene
Concen: 4.923 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument : MSVOA_R
ClientSampleId : C09L7

Tgt Ion: 95 Resp: 192432

Ion	Ratio	Lower	Upper
95	100		
97	62.7	43.5	80.7
132	88.4	58.6	108.8
130	83.2	59.4	110.2

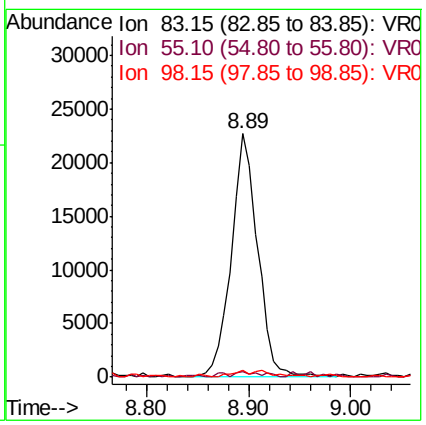


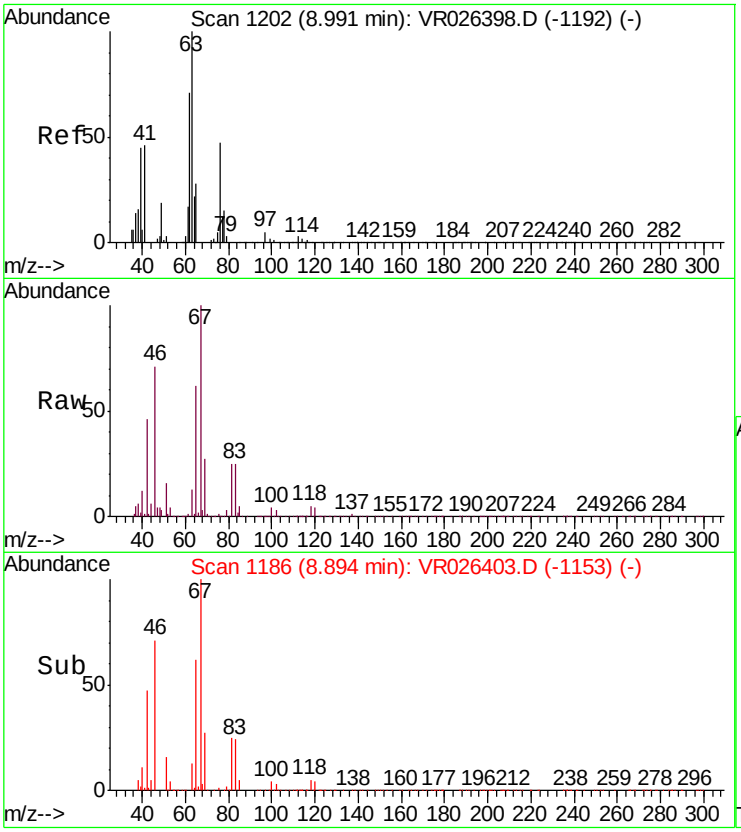


#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion: 83 Resp: 40512

Ion	Ratio	Lower	Upper
83	100		
55	1.6	72.2	108.2#
98	3.9	35.0	52.4#



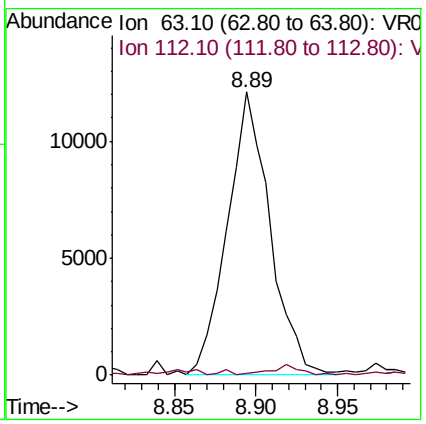


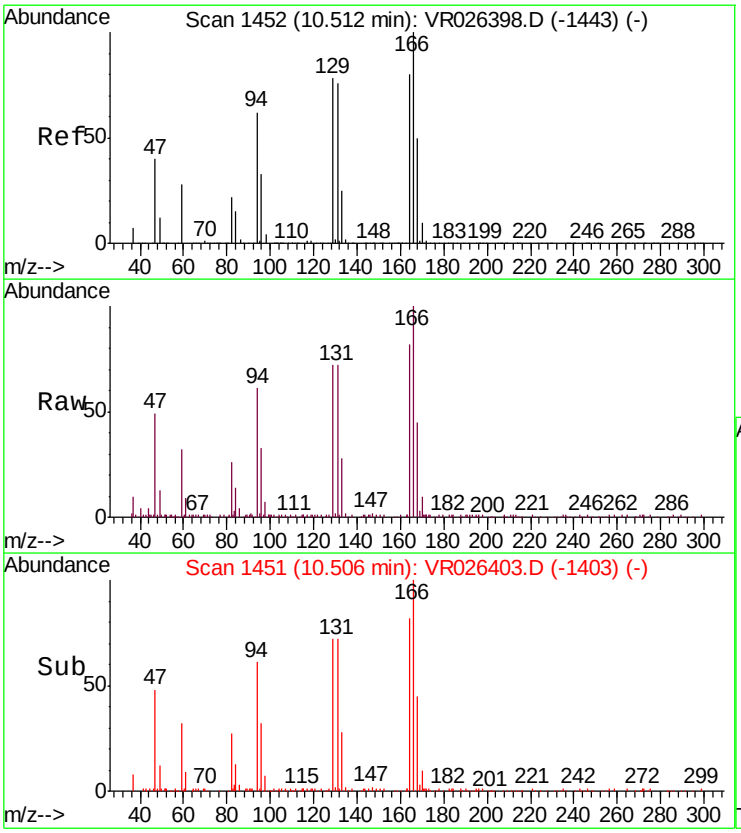
#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument :
MSVOA_R
ClientSampleId :
C09L7

Tgt Ion: 63 Resp: 22007

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.6	5.4#

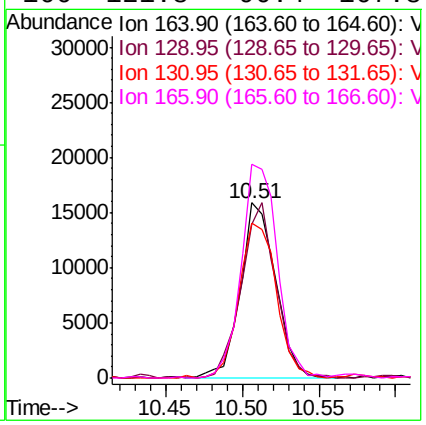


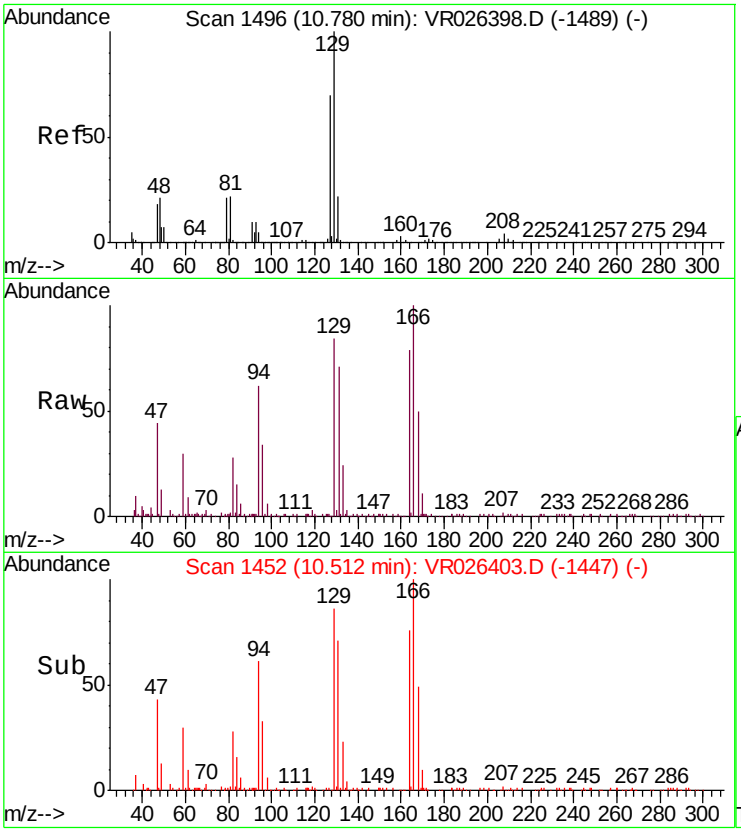


#47
Tetrachloroethene
Concen: 0.897 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion:164 Resp: 25426

Ion	Ratio	Lower	Upper
164	100		
129	87.6	67.2	124.8
131	88.1	67.3	125.1
166	121.8	90.4	167.8



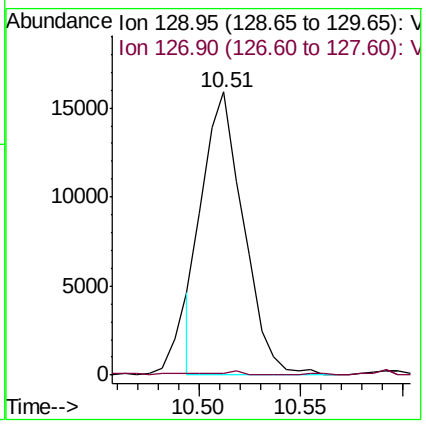


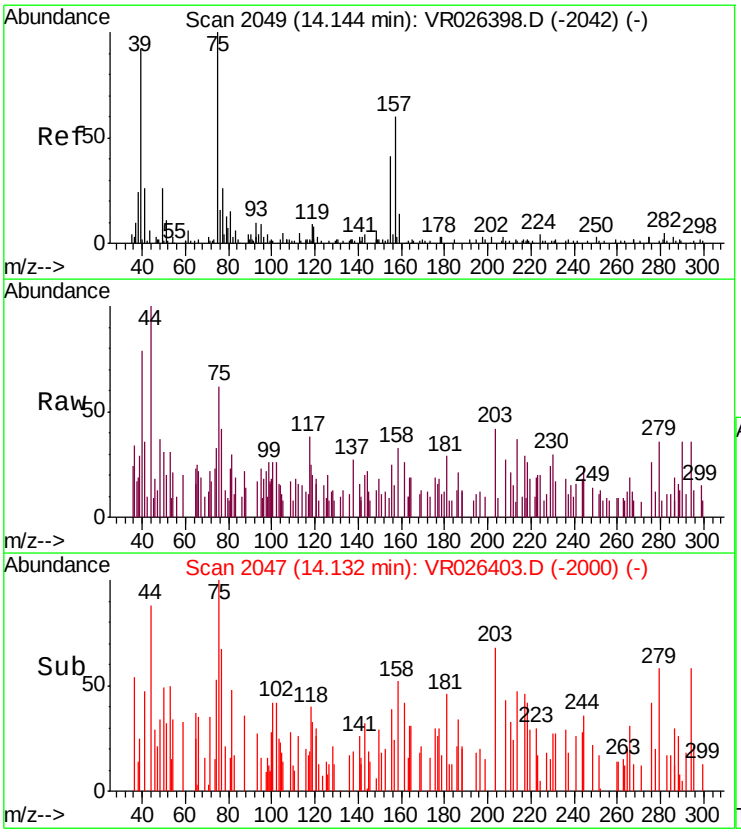
#49
Dibromochloromethane
Concen: 1.311 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument :
MSVOA_R
ClientSampleId :
C09L7

Tgt Ion:129 Resp: 22216

Ion	Ratio	Lower	Upper
129	100		
127	0.8	52.1	96.7#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.211 ug/L
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion: 75 Resp: 225

Ion	Ratio	Lower	Upper
75	100		
155	39.4	53.8	80.8#
157	23.6	67.4	101.0#