Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022819\

Quantitation Report (Not Reviewed)

Data File : VR026418.D
Acq On : 28 Feb 2019 14:38
Operator : SY/MD
Sample : K1588-19
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : C09M0

Quant Time: Mar 01 06:34:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	461818	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	381192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	115536	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	196677	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	2.63	69	160159	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	3.60	63	372913	3.52	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.40%			
20) 2-Butanone-d5	6.59	46	176075	53.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.80%			
24) Chloroform-d	7.20	84	349147	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	7.89	65	144393	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	7.85	84	629124	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	8.89	67	170246	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	9.97	98	557354	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	10.23	79	36453	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	10.59	63	141652	58.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.16%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60827	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
64) 1,2-Dichlorobenzene-d4	13.52	152	106089	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						Qvalue
13) Acetone	3.69	43	12043	4.060	ug/L	96
15) Methyl Acetate	3.93	43	35640	4.245	ug/L #	56
25) Chloroform	7.23	83	11777	0.182	ug/L	88
34) Trichloroethene	8.71	95	20100	0.545	ug/L	92
35) Methylcyclohexane	8.89	83	42735	0.818	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	21928	0.705	ug/L #	88
44) trans-1,3-Dichloropropene	10.24	75	2446	0.099	ug/L	96
47) Tetrachloroethene	10.51	164	9182	0.344	ug/L	88
66) 1,2-Dibromo-3-chloropropan	14.11	75	293	0.271	ug/L #	40

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

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Quantitation Report (Not Reviewed)

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Instrument :
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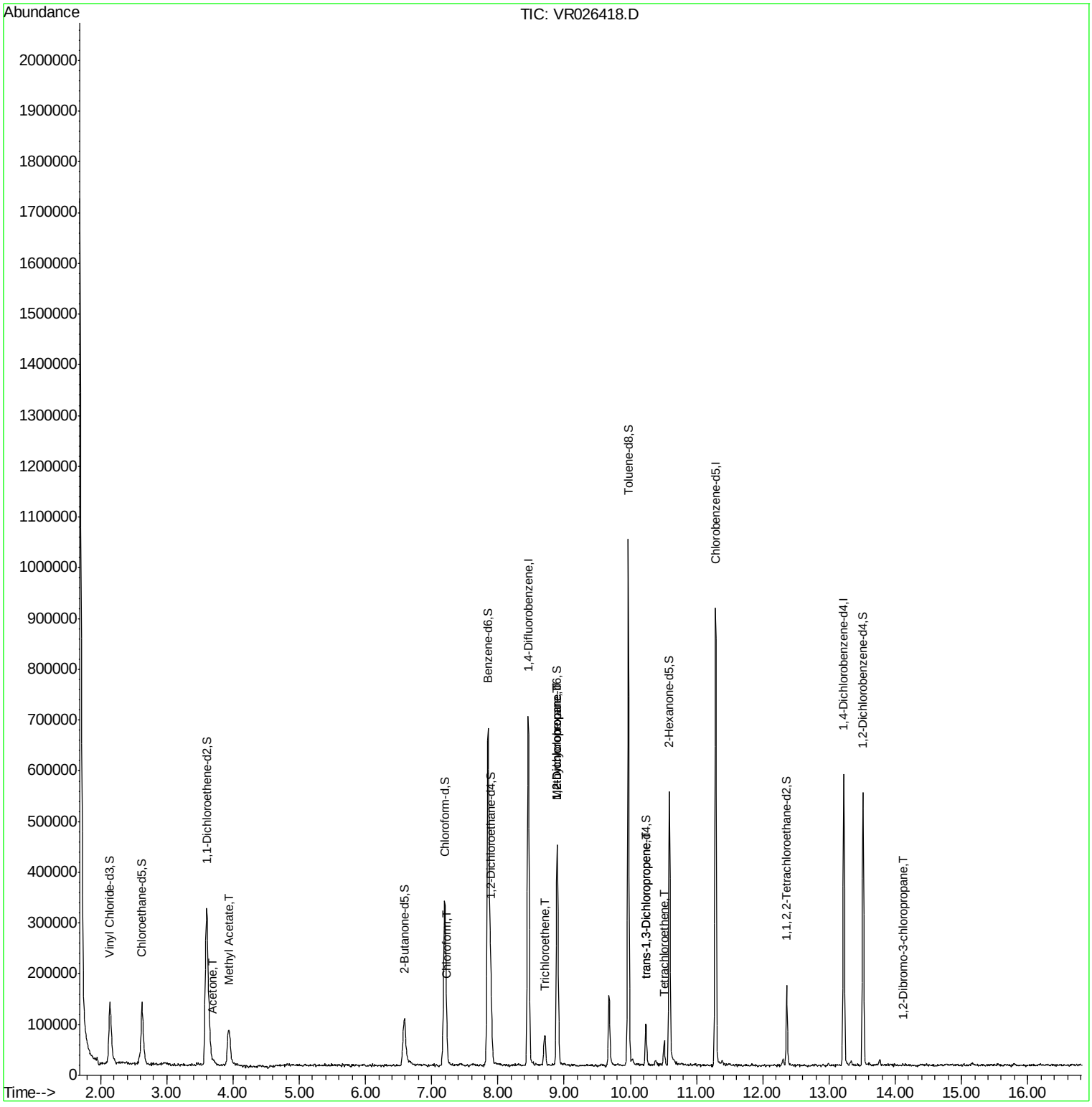
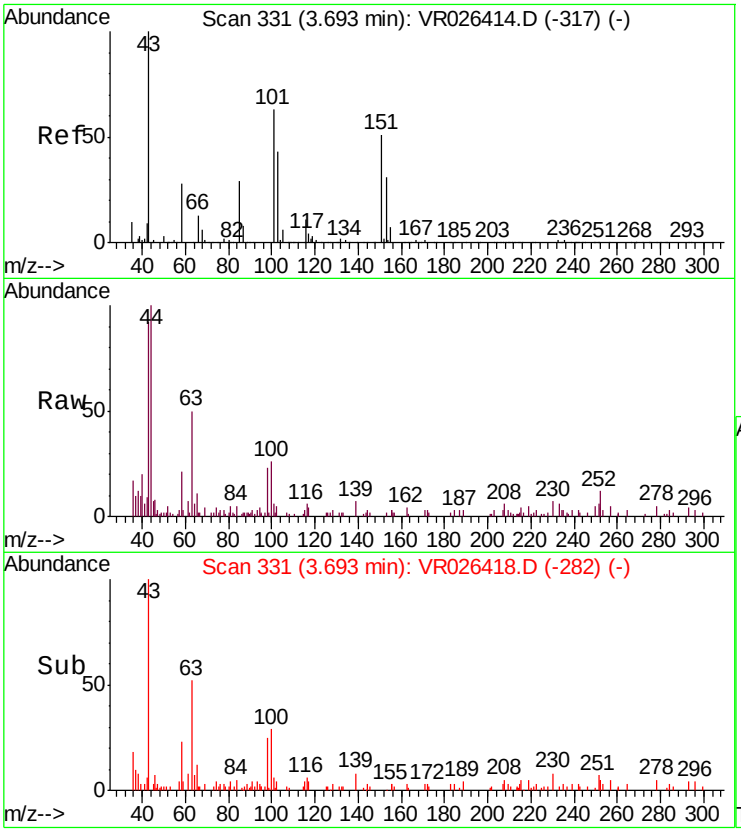
ClientSampleId :
C09M0

Quant Time: Mar 01 06:34:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration



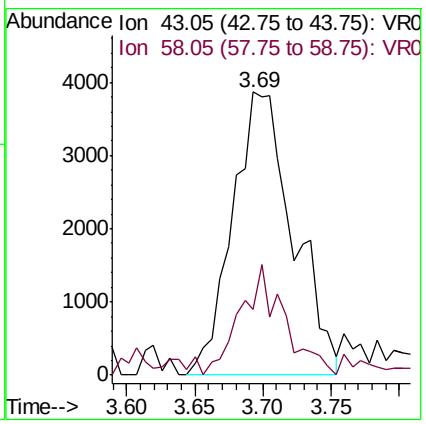


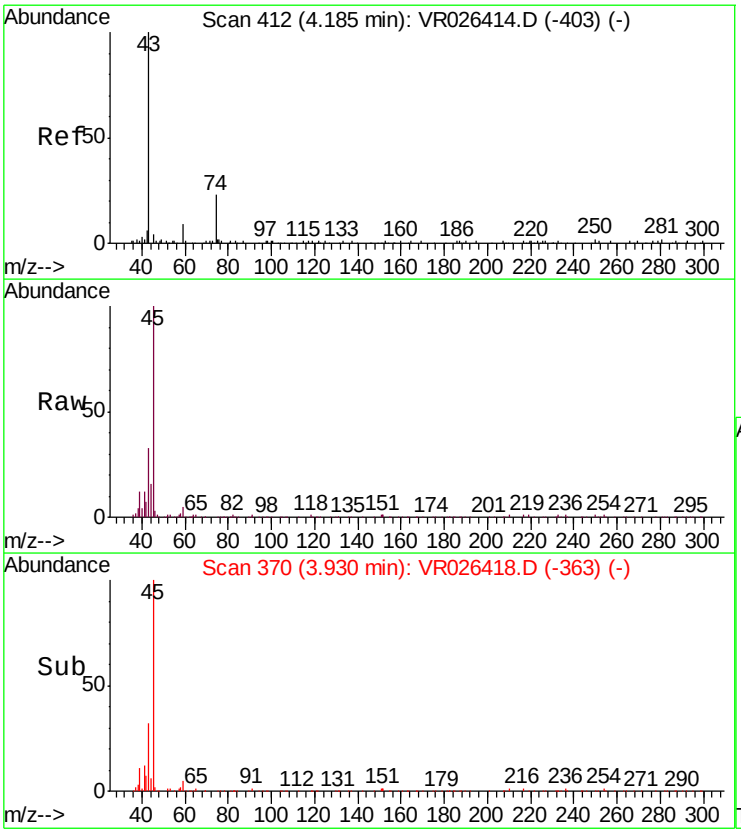
#13
Acetone
Concen: 4.060 ug/L
RT: 3.69 min Scan# 331
Delta R.T. 0.00 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
C09M0

Tgt Ion: 43 Resp: 12043

Ion	Ratio	Lower	Upper
43	100		
58	28.0	0.0	52.2

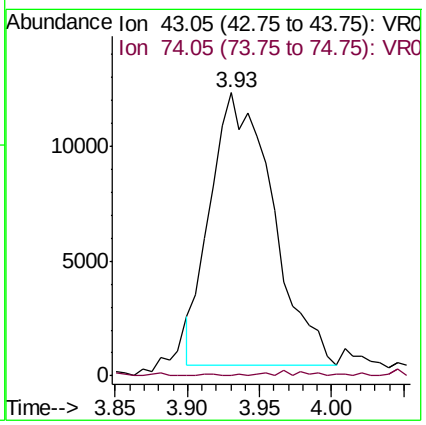


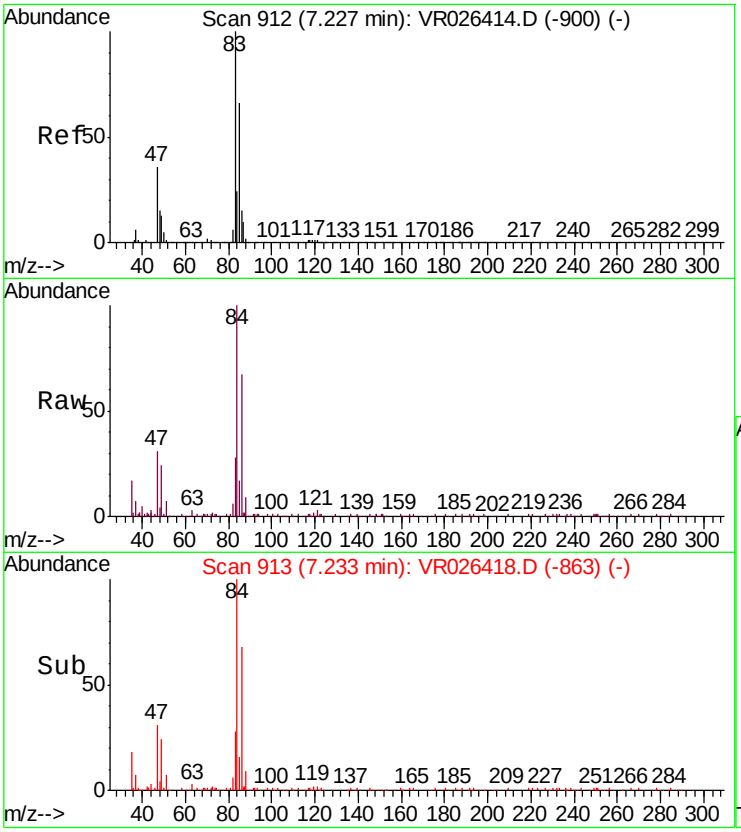


#15
Methyl Acetate
Concen: 4.245 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.26 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Tgt Ion: 43 Resp: 35640

Ion	Ratio	Lower	Upper
43	100		
74	0.2	16.6	25.0#



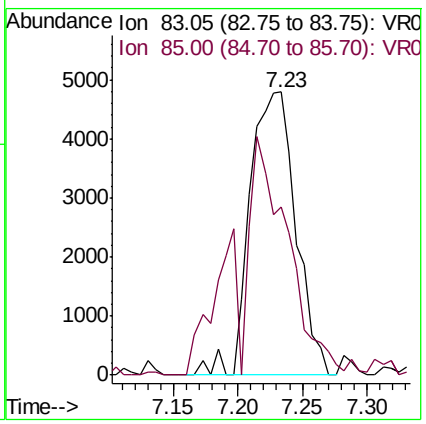


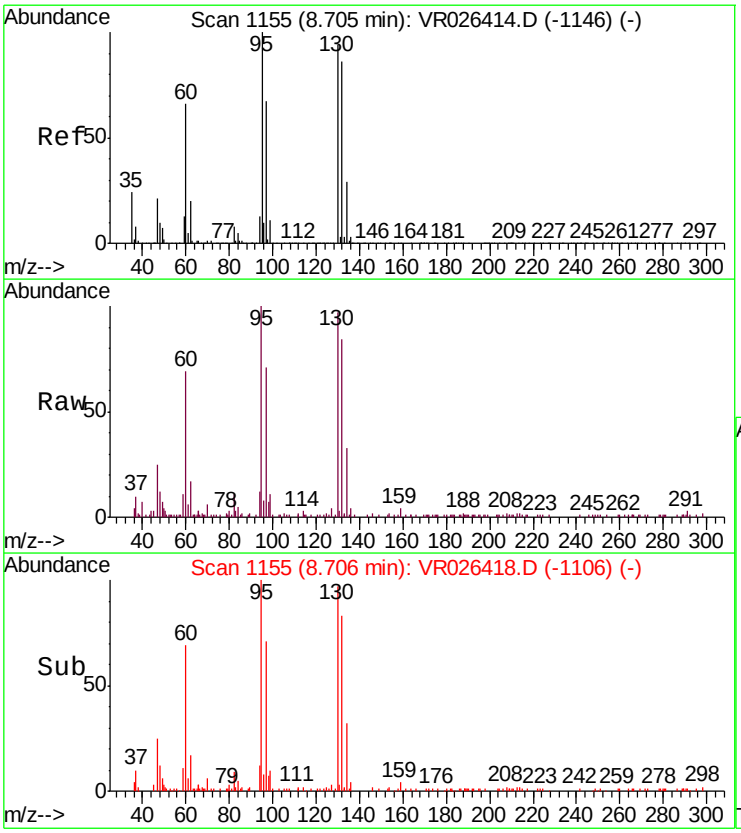
#25
Chloroform
Concen: 0.182 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.01 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
C09M0

Tgt Ion: 83 Resp: 11777

Ion	Ratio	Lower	Upper
83	100		
85	59.3	48.6	90.2

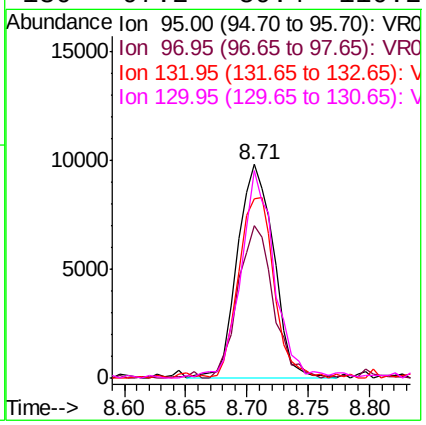


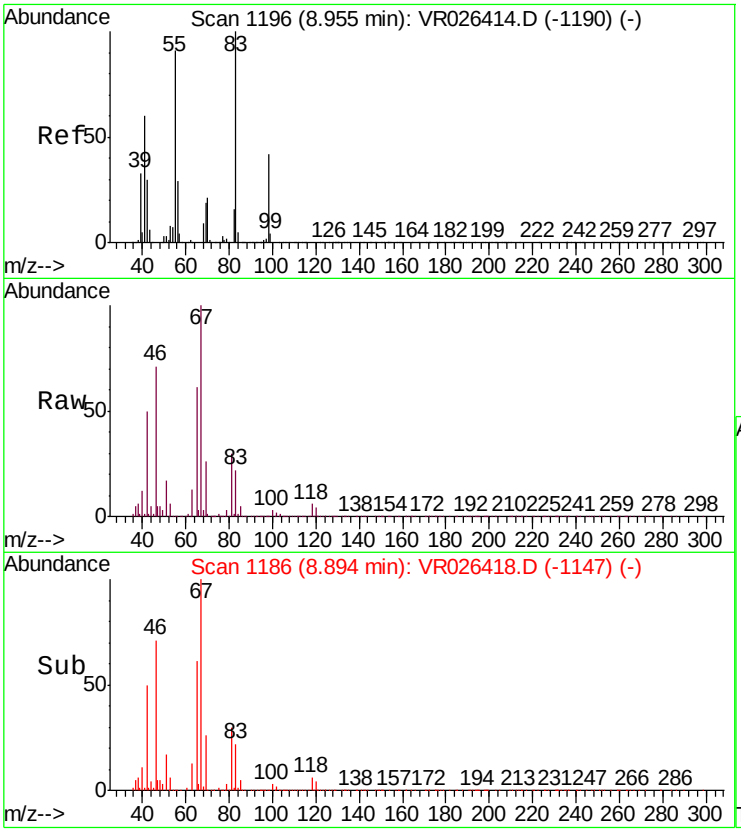


#34
Trichloroethene
Concen: 0.545 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Tgt Ion: 95 Resp: 20100

Ion	Ratio	Lower	Upper
95	100		
97	71.1	43.5	80.7
132	83.9	58.6	108.8
130	97.2	59.4	110.2



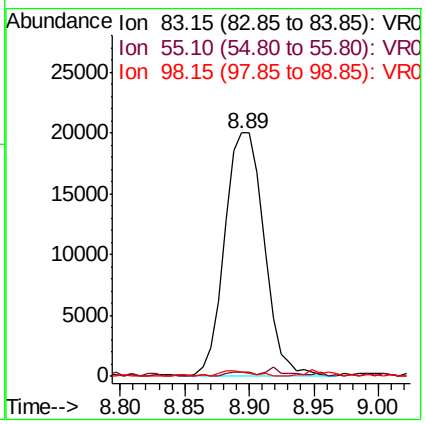


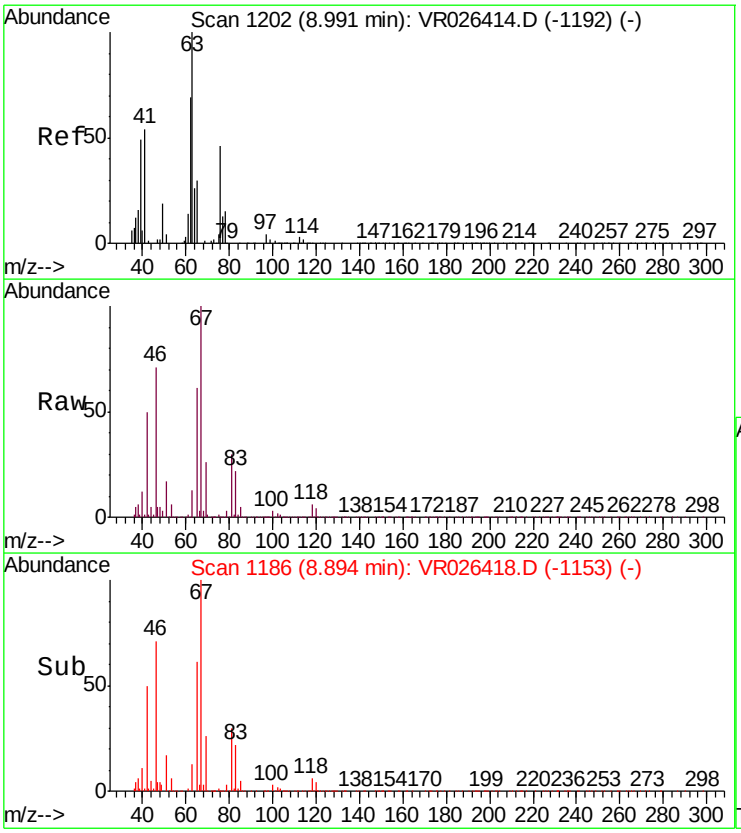
#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
C09M0

Tgt Ion: 83 Resp: 42735

Ion	Ratio	Lower	Upper
83	100		
55	1.3	72.2	108.2#
98	2.0	35.0	52.4#

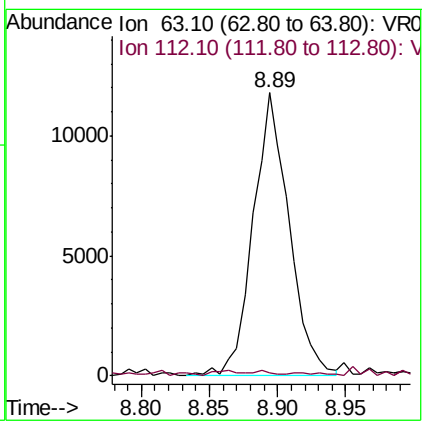


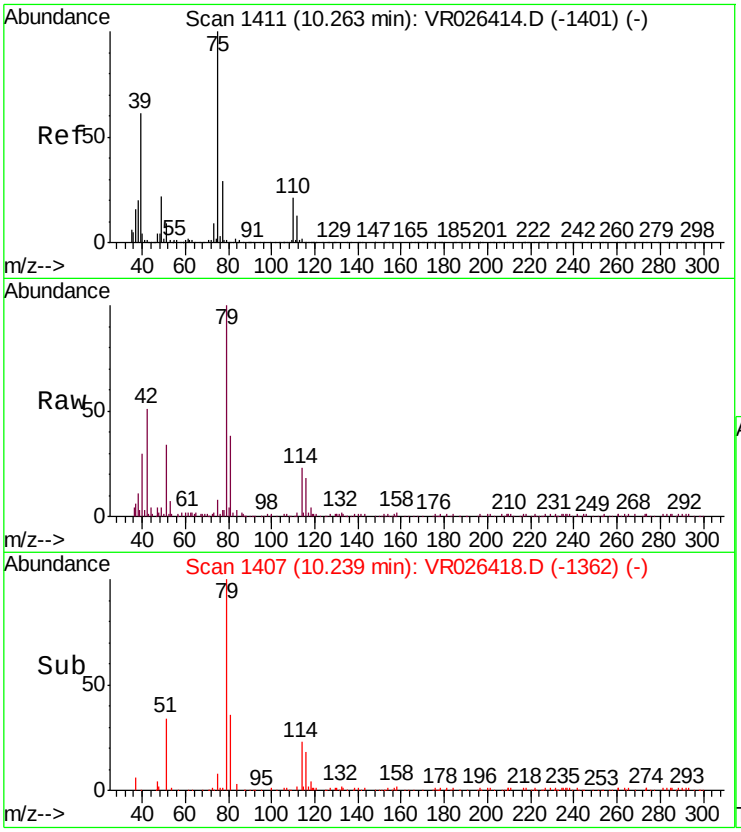


#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Tgt Ion: 63 Resp: 21928

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.6	5.4#



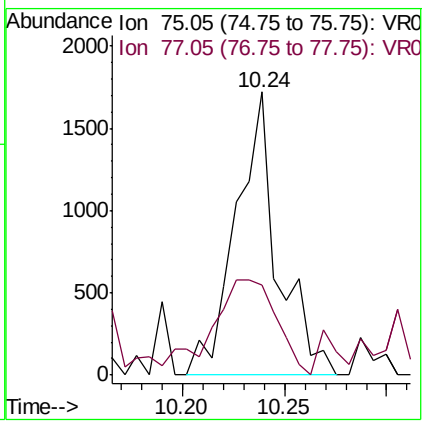


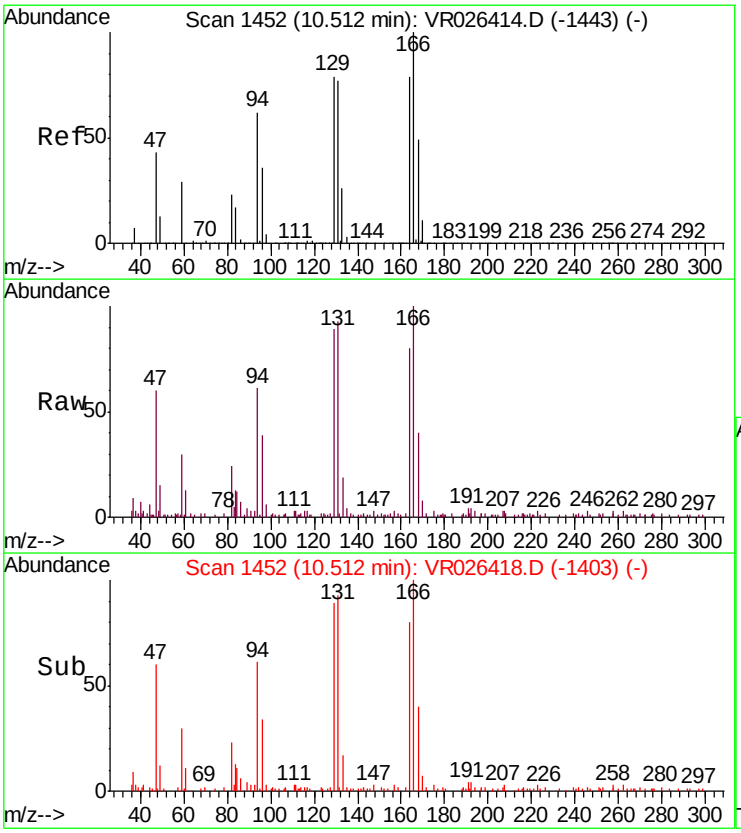
#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
C09M0

Tgt Ion: 75 Resp: 2446

Ion	Ratio	Lower	Upper
75	100		
77	32.0	23.9	44.3

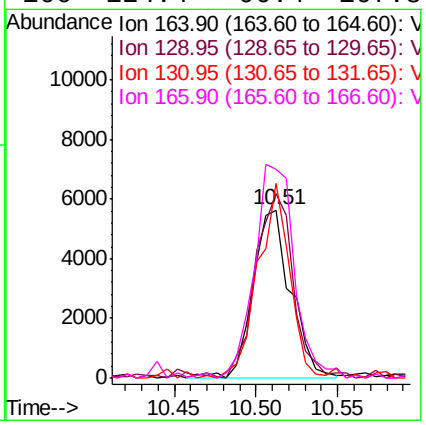


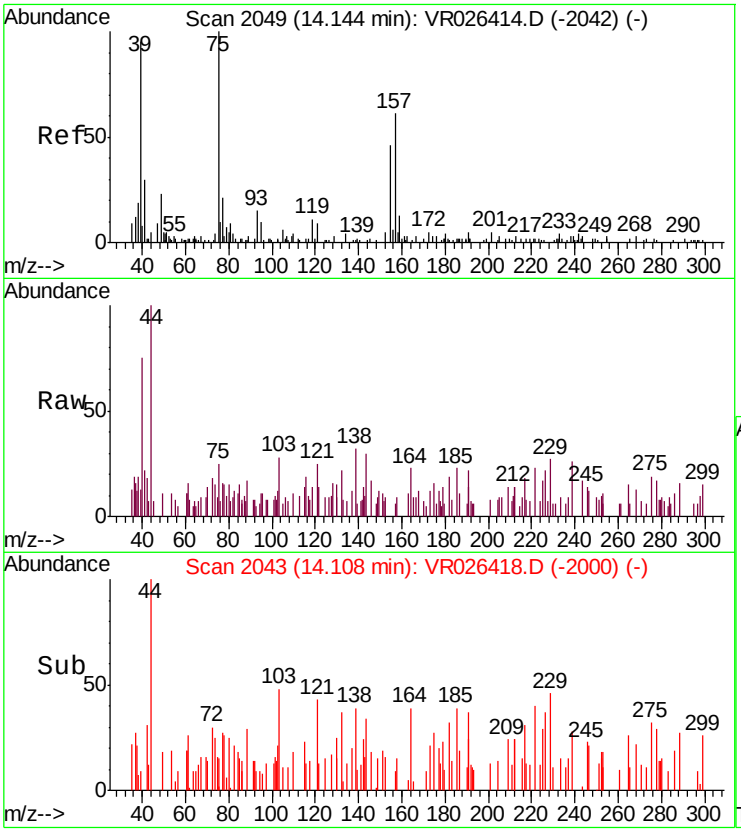


#47
Tetrachloroethene
Concen: 0.344 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Tgt Ion:164 Resp: 9182

Ion	Ratio	Lower	Upper
164	100		
129	110.2	67.2	124.8
131	115.9	67.3	125.1
166	124.4	90.4	167.8





#66
1,2-Dibromo-3-chloropropane
Concen: 0.271 ug/L
RT: 14.11 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VR026418.D
Acq: 28 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
C09M0

Tgt Ion: 75 Resp: 293

Ion	Ratio	Lower	Upper
75	100		
155	0.0	53.8	80.8#
157	46.2	67.4	101.0#