Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010273.D
Acq On : 12 Apr 2019 05:49
Operator : SY/MD
Sample : K2328-06
Misc : 4.36G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB718

Quant Time: Apr 12 06:50:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	19165	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	23570	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	7939	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	1577	7.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 28.60%#			
7) Chloroethane-d5	1.58	69	2743	14.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.88%			
10) 1,1-Dichloroethene-d2	2.13	63	3913	6.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 27.88%#			
20) 2-Butanone-d5	3.93	46	9480	169.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 339.62%#			
24) Chloroform-d	4.40	84	13450	30.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 122.92%			
26) 1,2-Dichloroethane-d4	5.08	65	12861	51.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 206.36%#			
29) Benzene-d6	5.10	84	20144	17.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 70.88%			
33) 1,2-Dichloropropane-d6	6.12	67	9786	28.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.80%			
37) Toluene-d8	7.36	98	16777	15.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 60.56%			
38) trans-1,3-Dichloropropene-	7.67	79	4089	29.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 116.04%			
39) 2-Hexanone-d5	8.13	63	2403	41.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.32%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14310	47.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 188.64%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	8598	29.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 117.32%			
Target Compounds						Qvalue
3) Chloromethane	1.24	50	291	1.155	ug/L #	43
6) Bromomethane	1.53	94	203	0.924	ug/L	51
13) Acetone	2.18	43	635	10.645	ug/L	94
16) Methylene chloride	2.53	84	1803	4.804	ug/L	76
25) Chloroform	4.42	83	529	1.127	ug/L	75
36) Methylcyclohexane	6.12	83	2454	4.757	ug/L #	24
40) 1,2-Dichloropropane	6.12	63	727	2.487	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	303	0.684	ug/L #	62
47) Tetrachloroethene	8.02	164	821	2.683	ug/L	82
50) Dibromochloromethane	8.02	129	806	2.657	ug/L #	12
59) 1,2,3-Trichloropropane	11.30	75	622	2.757	ug/L	93

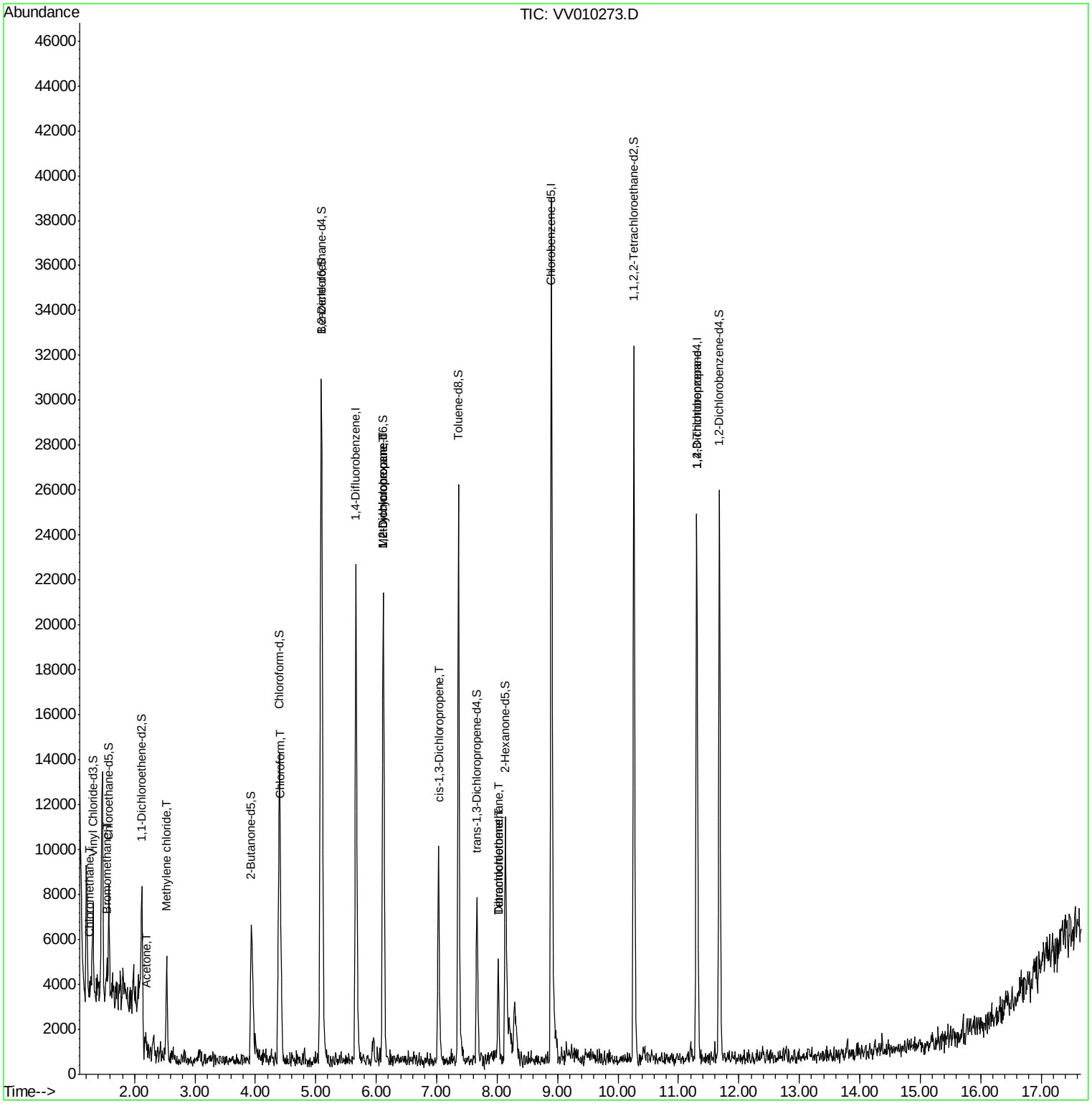
(#) = qualifier out of range (m) = manual integration (+) = signals summed

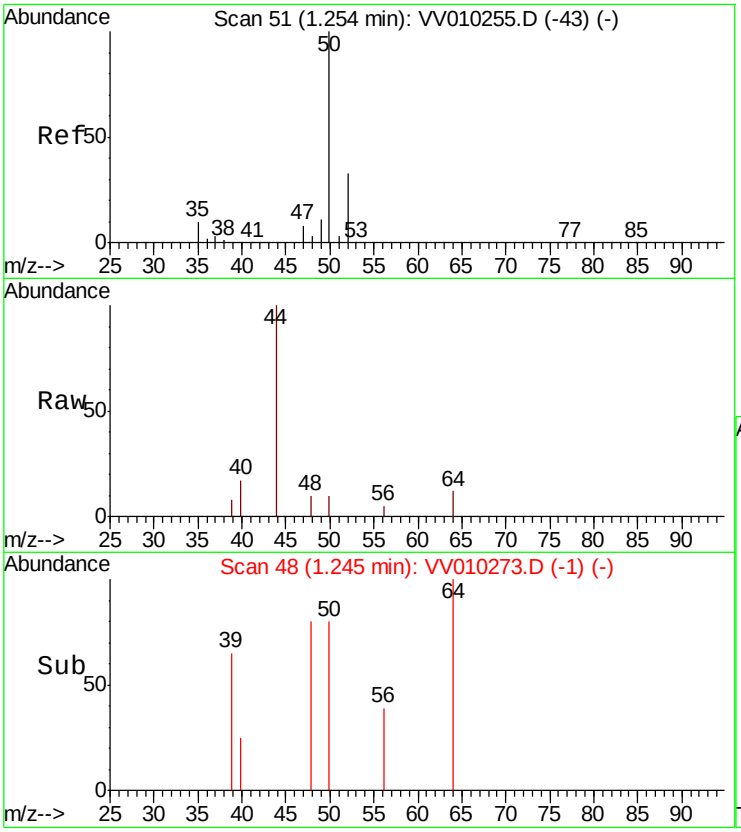
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010273.D
Acq On : 12 Apr 2019 05:49
Operator : SY/MD
Sample : K2328-06
Misc : 4.36G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB718

Quant Time: Apr 12 06:50:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration



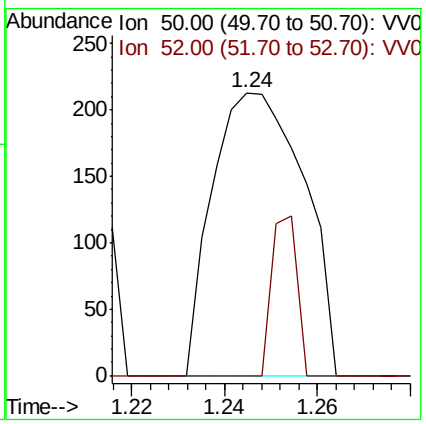


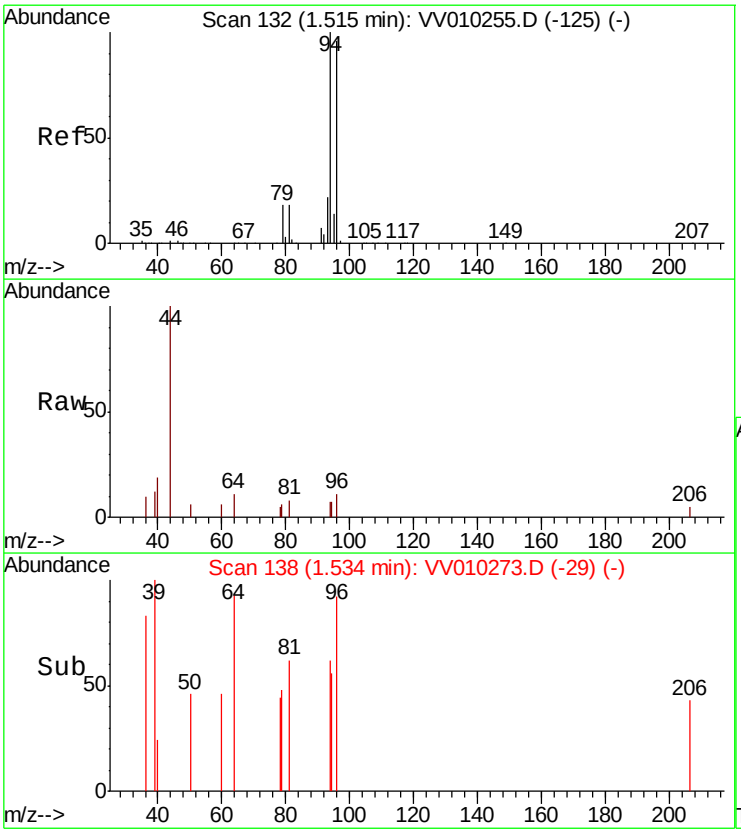
#3
Chloromethane
Concen: 1.155 ug/L
RT: 1.24 min Scan# 48
Delta R.T. -0.01 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Instrument :
MSVOA_V
ClientSampleId :
DB718

Tgt Ion: 50 Resp: 291

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.4	41.6#

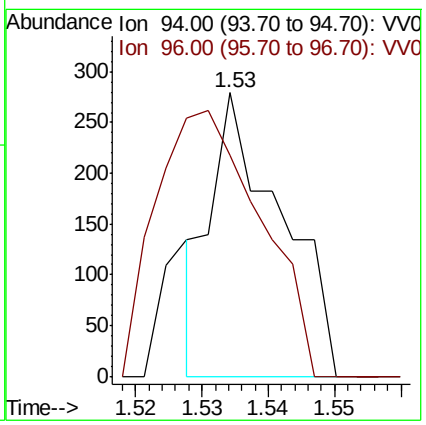


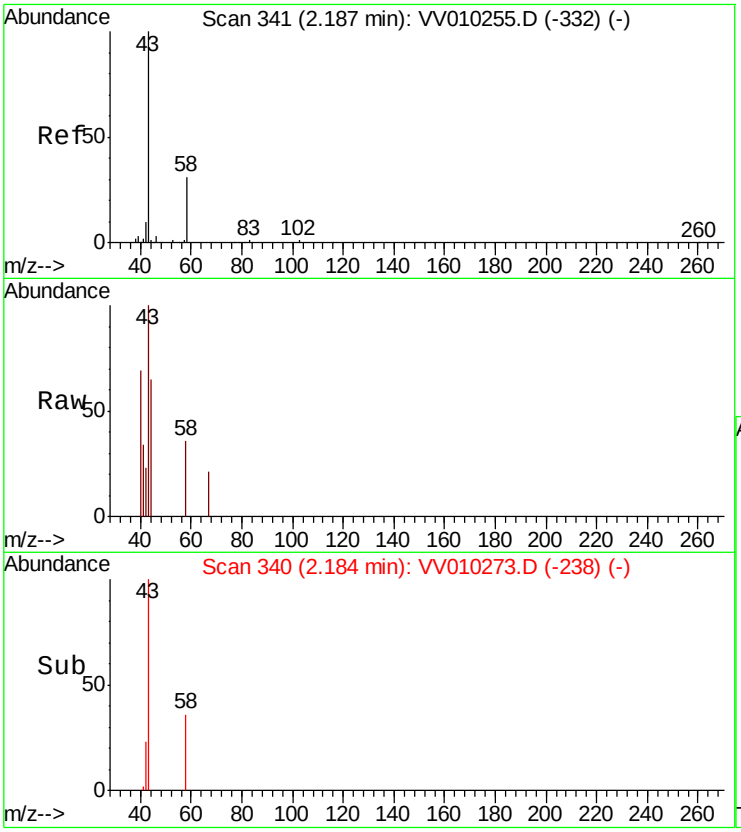


#6
Bromomethane
Concen: 0.924 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.02 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Tgt Ion: 94 Resp: 203

Ion	Ratio	Lower	Upper
94	100		
96	141.9	9.4	179.0



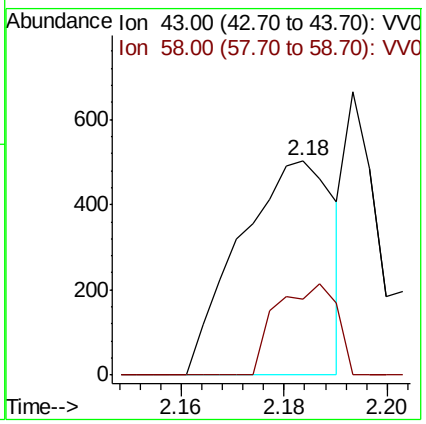


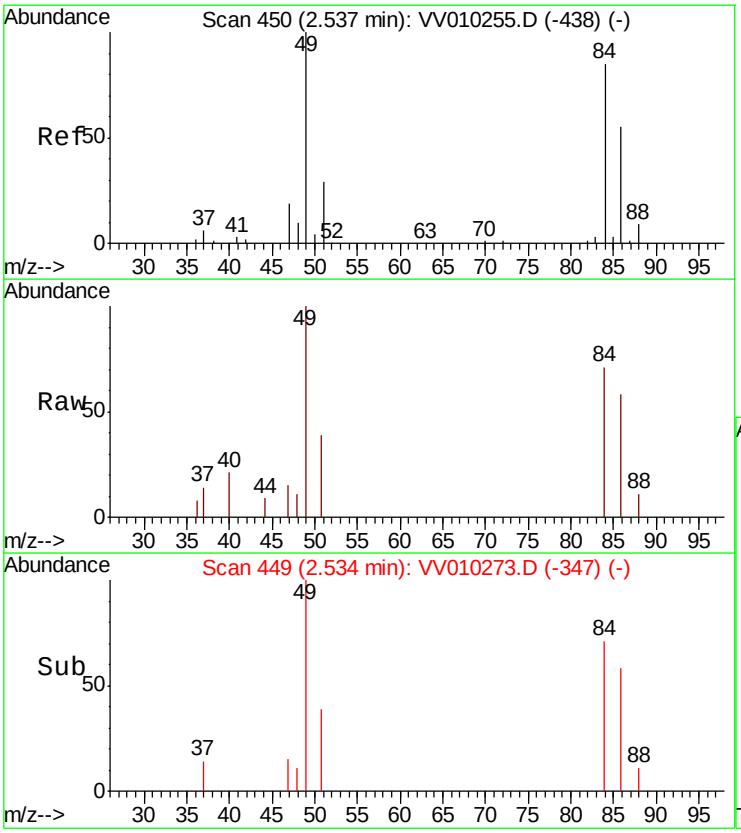
#13
Acetone
Concen: 10.645 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Instrument :
MSVOA_V
ClientSampleId :
DB718

Tgt Ion: 43 Resp: 635

Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	61.6

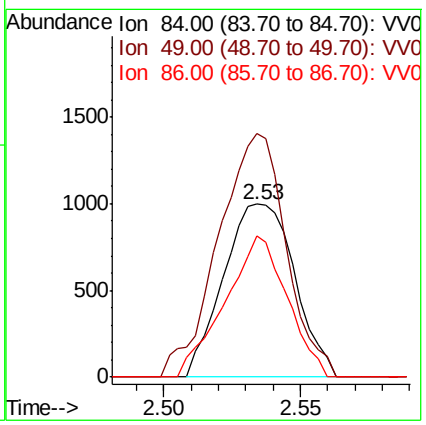


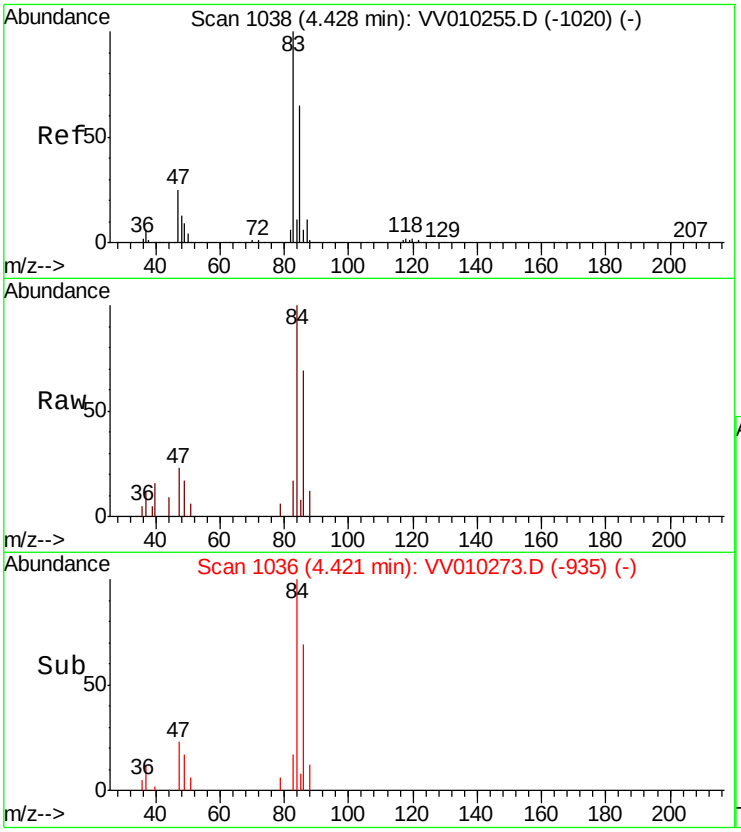


#16
Methylene chloride
Concen: 4.804 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Tgt Ion: 84 Resp: 1803

Ion	Ratio	Lower	Upper
84	100		
49	141.0	79.9	148.5
86	81.9	44.5	82.7



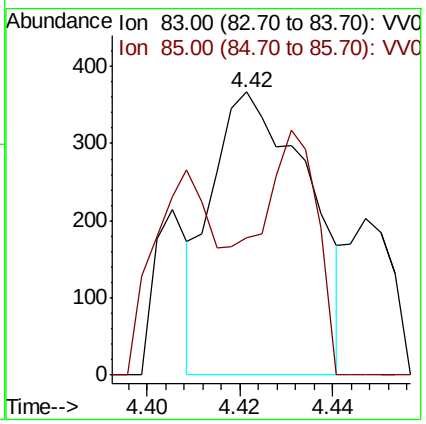


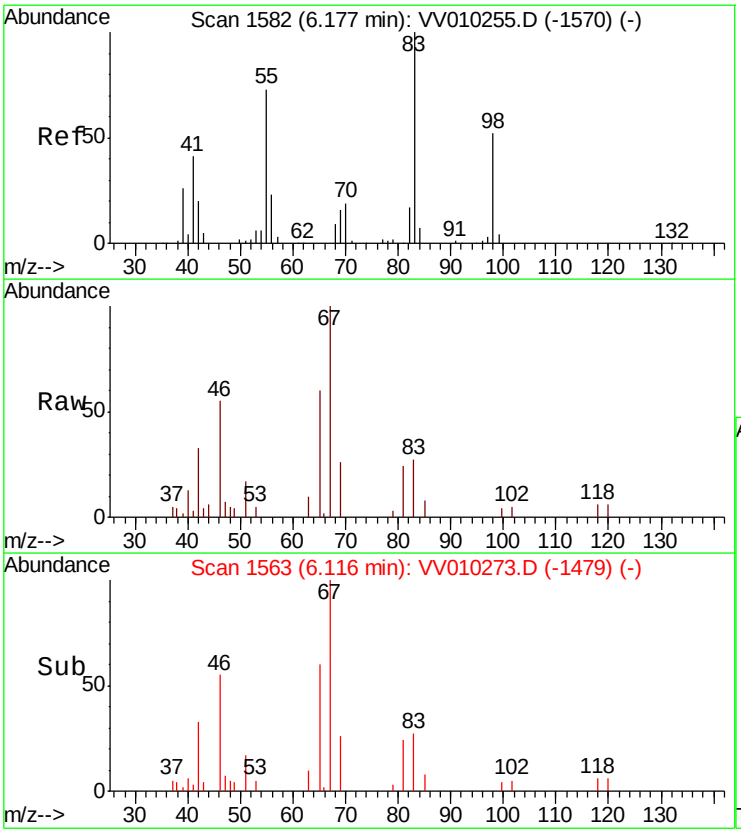
#25
Chloroform
Concen: 1.127 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Instrument : MSVOA_V
ClientSampleId : DB718

Tgt Ion: 83 Resp: 529

Ion	Ratio	Lower	Upper
83	100		
85	45.4	45.4	84.2

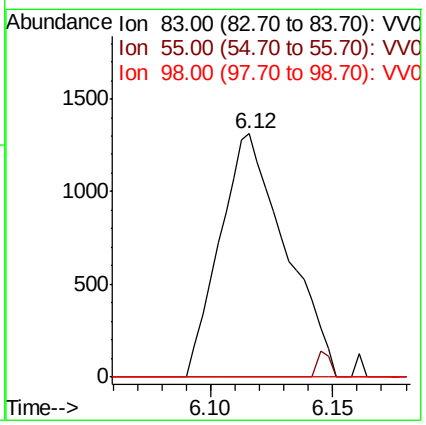


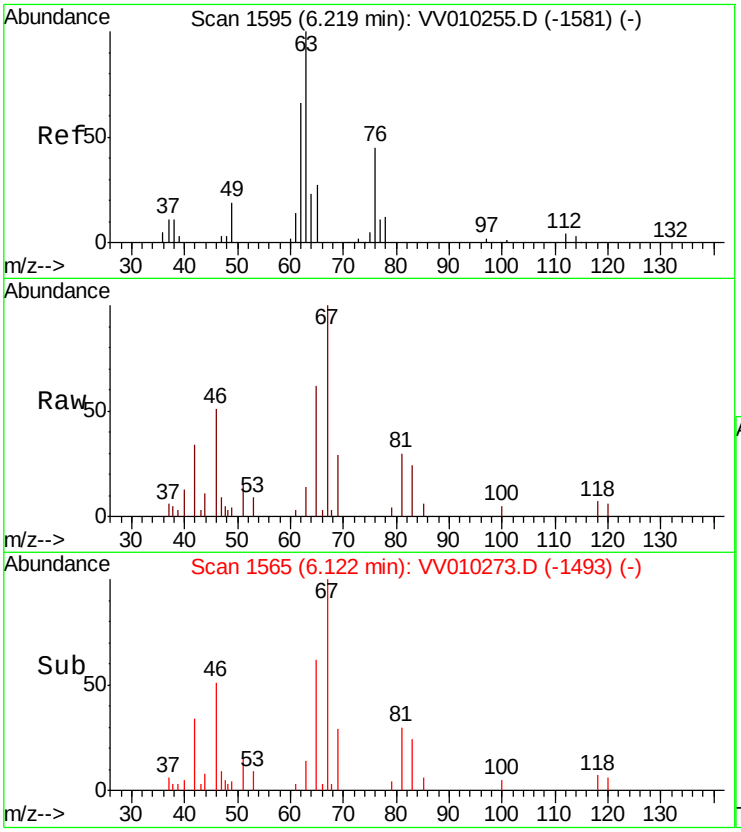


#36
Methylcyclohexane
Concen: 4.757 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Tgt Ion: 83 Resp: 2454

Ion	Ratio	Lower	Upper
83	100		
55	2.0	55.7	83.5#
98	3.9	39.4	59.2#



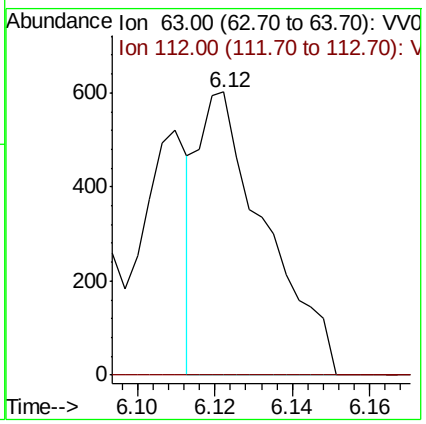


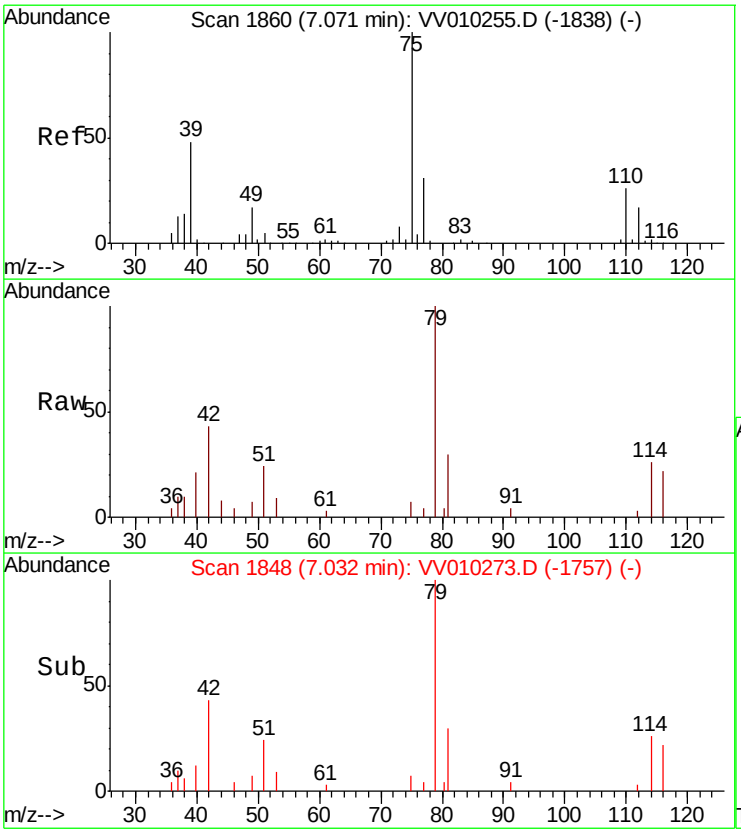
#40
1,2-Dichloropropane
Concen: 2.487 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Instrument : MSVOA_V
ClientSampleId : DB718

Tgt Ion: 63 Resp: 727

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

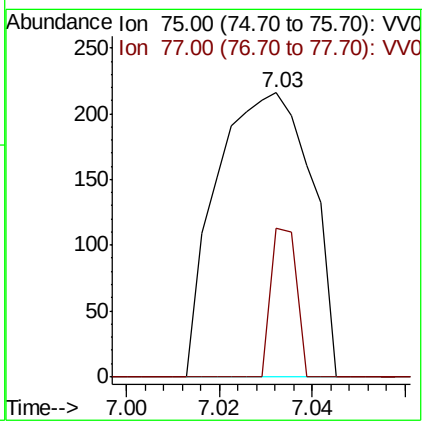


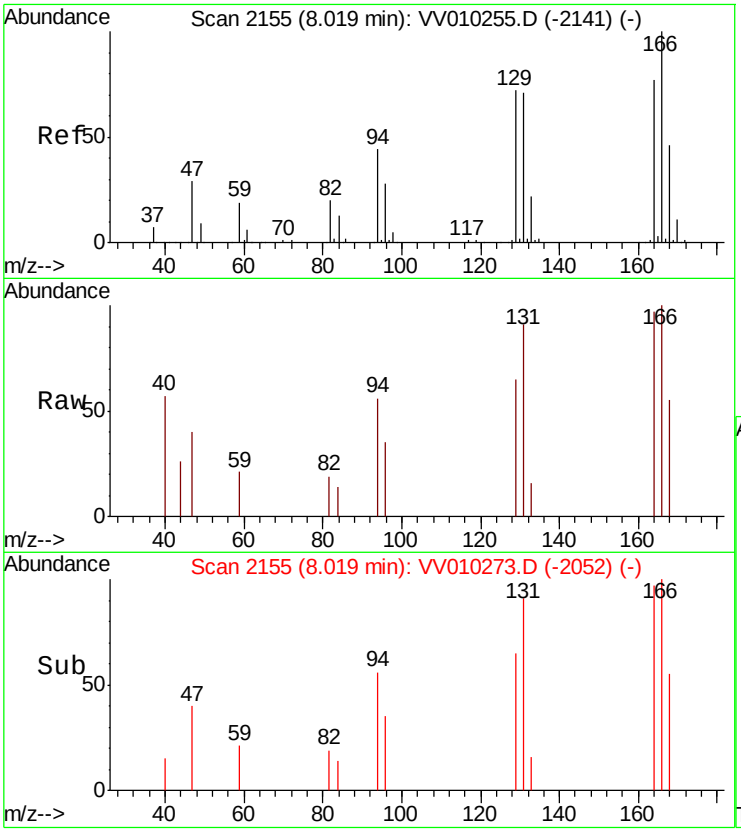


#42
cis-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Tgt Ion: 75 Resp: 303

Ion	Ratio	Lower	Upper
75	100		
77	52.3	21.9	40.7#



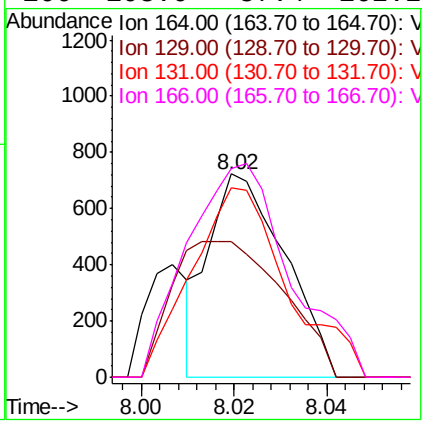


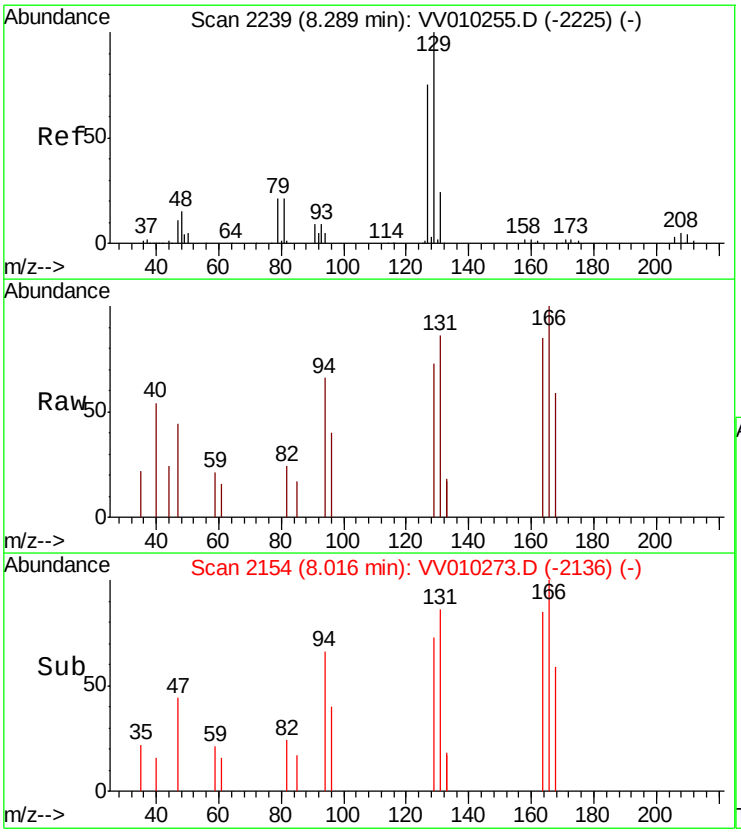
#47
Tetrachloroethene
Concen: 2.683 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Instrument : MSVOA_V
ClientSampleId : DB718

Tgt Ion:164 Resp: 821

Ion	Ratio	Lower	Upper
164	100		
129	66.9	62.6	116.2
131	93.5	60.0	111.4
166	103.0	87.4	162.2

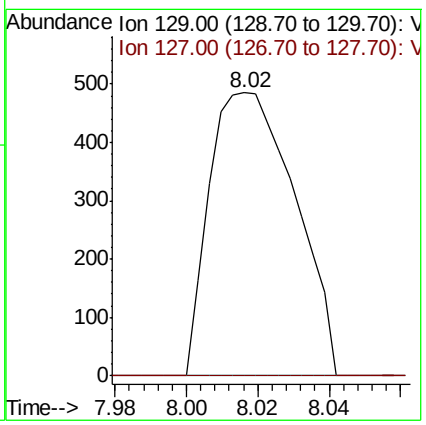


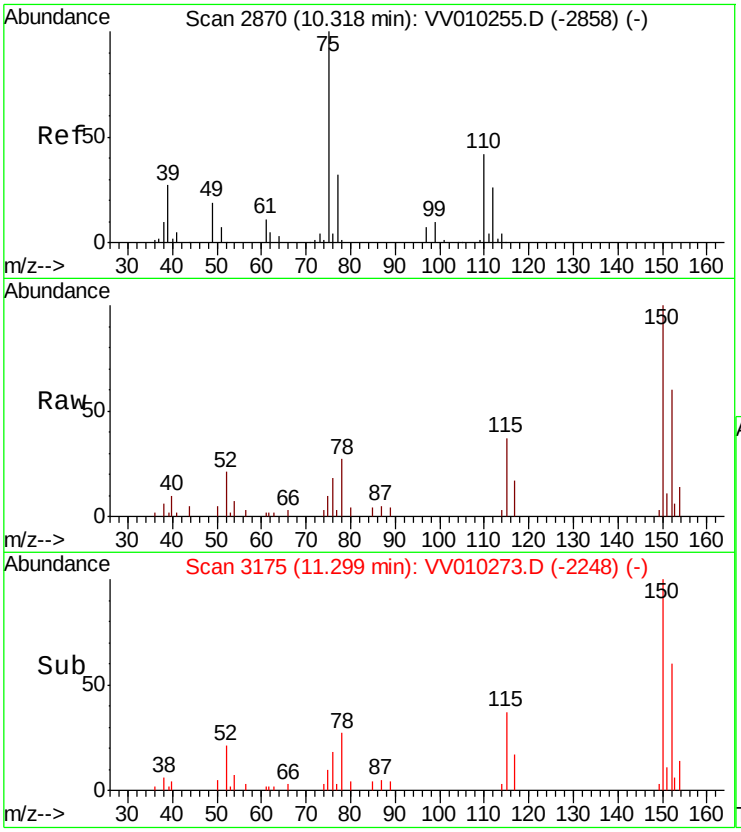


#50
Dibromochloromethane
Concen: 2.657 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Tgt Ion:129 Resp: 806

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.2#





#59
1,2,3-Trichloropropane
Concen: 2.757 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Instrument :
MSVOA_V
ClientSampleId :
DB718

Tgt Ion: 75 Resp: 622

Ion	Ratio	Lower	Upper
75	100		
77	37.5	26.9	40.3