Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
Data File : VV010144.D
Acq On : 06 Apr 2019 11:02
Operator : SY/MD
Sample : VV0406SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK62

Quant Time: Apr 07 00:52:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	315726	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	294559	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	141934	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	99006	23.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.68%			
7) Chloroethane-d5	1.57	69	85413	16.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.08%			
10) 1,1-Dichloroethene-d2	2.12	63	188466	17.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.72%			
20) 2-Butanone-d5	3.95	46	49350	41.03	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.06%			
24) Chloroform-d	4.40	84	168626	21.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.80%			
26) 1,2-Dichloroethane-d4	5.08	65	109891	24.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.76%			
29) Benzene-d6	5.09	84	406426	26.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.44%			
33) 1,2-Dichloropropane-d6	6.11	67	116229	25.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.12%			
37) Toluene-d8	7.36	98	392842	26.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.76%			
38) trans-1,3-Dichloropropene-	7.66	79	47071	24.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.72%			
39) 2-Hexanone-d5	8.14	63	40724	45.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	98379	22.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.52%			
61) 1,2-Dichlorobenzene-d4	11.67	152	141486	25.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.36%			
Target Compounds						Qvalue
6) Bromomethane	1.53	94	1721	0.343	ug/L	87
13) Acetone	2.21	43	1822	1.532	ug/L	80
16) Methylene chloride	2.53	84	6187	1.115	ug/L	92
25) Chloroform	4.42	83	22182	3.090	ug/L	95
45) trans-1,3-Dichloropropene	7.66	75	2630	0.587	ug/L	87
68) 1,2,4-trichlorobenzene	13.31	180	1922	0.406	ug/L #	89
69) Naphthalene	13.55	128	4571	0.580	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.80	180	1946	0.440	ug/L #	79

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

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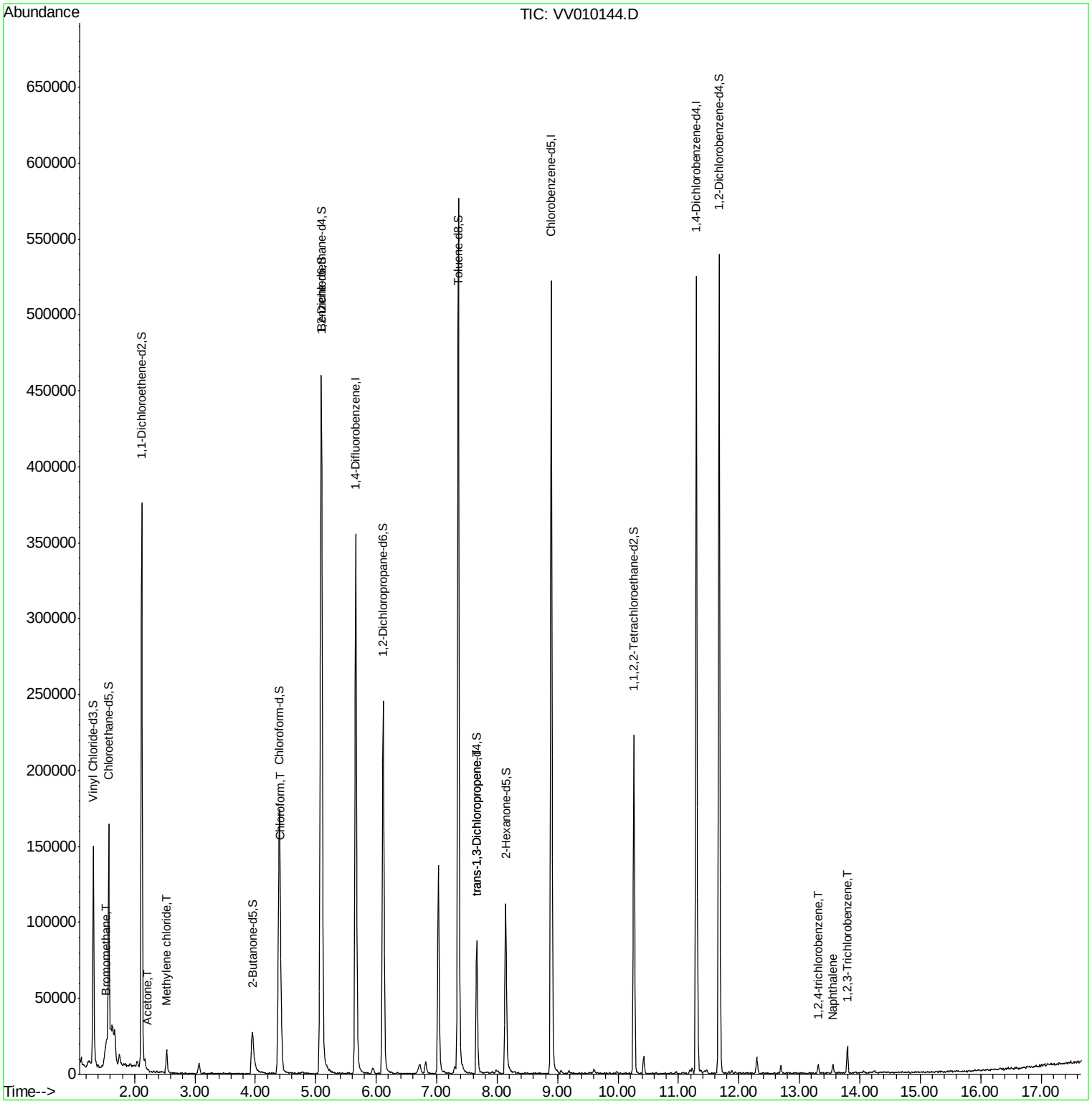
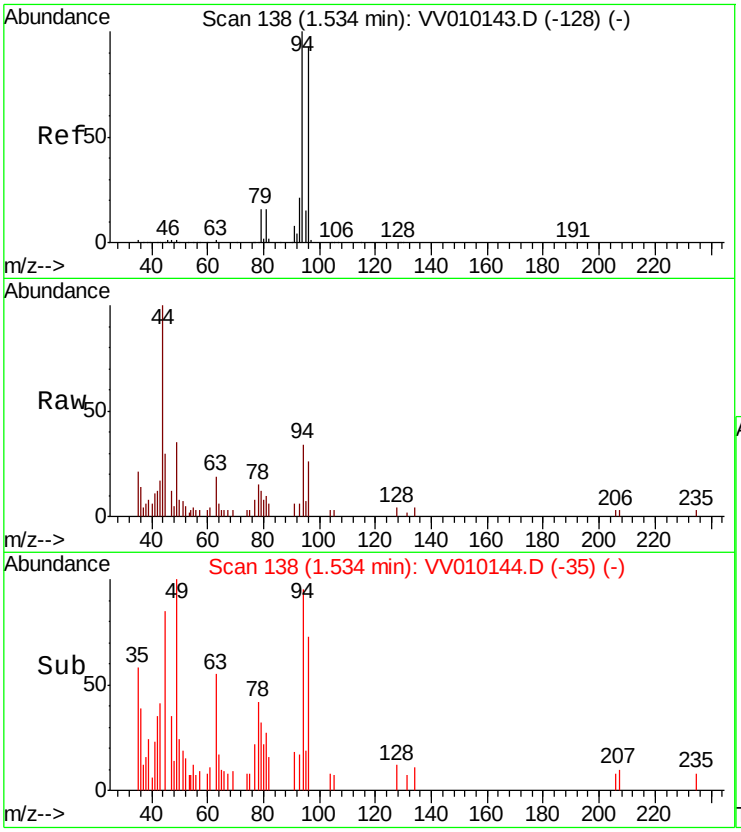


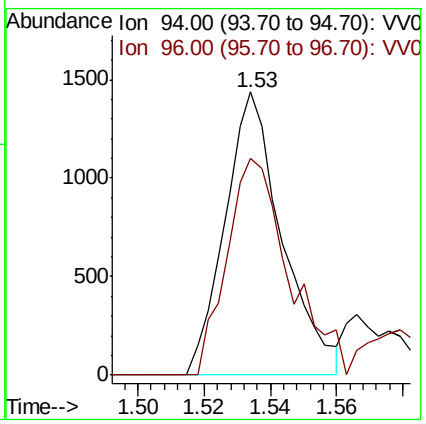


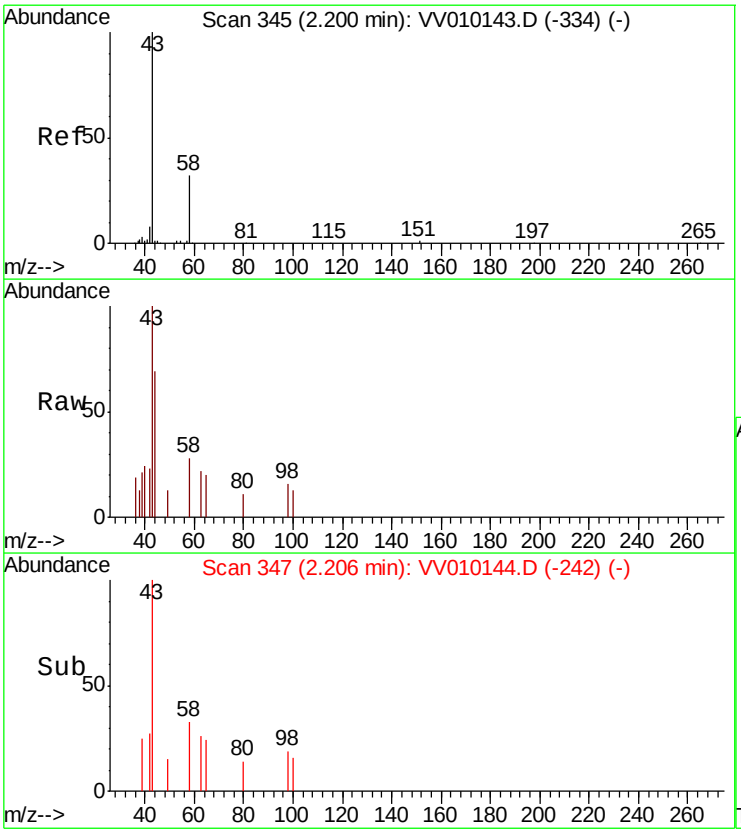
#6
Bromomethane
Concen: 0.343 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV010144.D
Acq: 06 Apr 2019 11:02

Instrument :
MSVOA_V
ClientSampleId :
VBLK62

Tgt Ion: 94 Resp: 1721

Ion	Ratio	Lower	Upper
94	100		
96	80.7	9.4	177.8

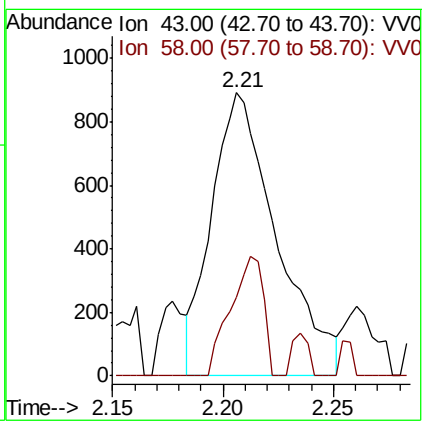


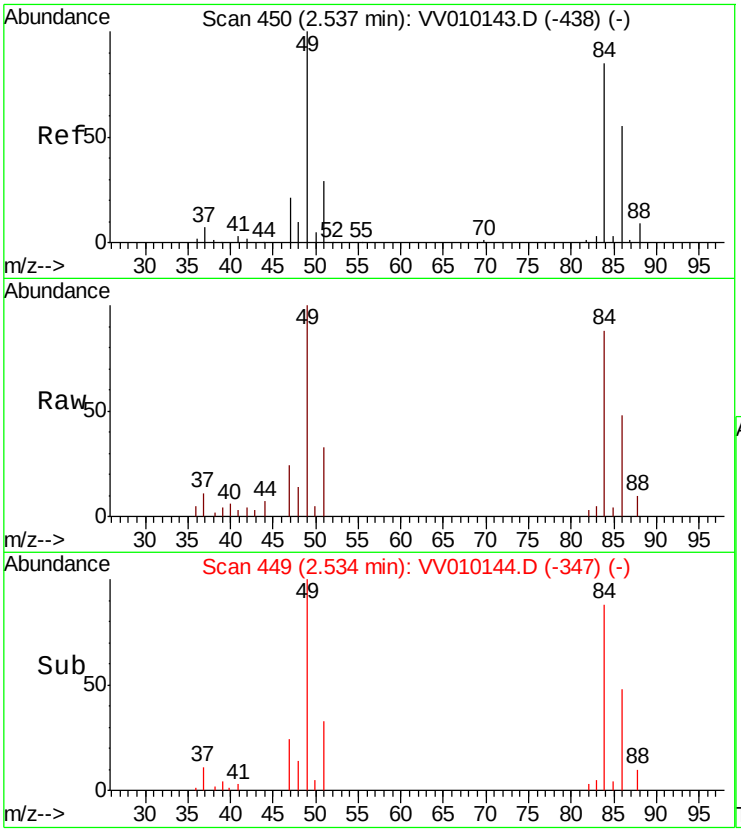


#13
Acetone
Concen: 1.532 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.01 min
Lab File: VV010144.D
Acq: 06 Apr 2019 11:02

Tgt Ion: 43 Resp: 1822

Ion	Ratio	Lower	Upper
43	100		
58	21.4	0.0	64.6



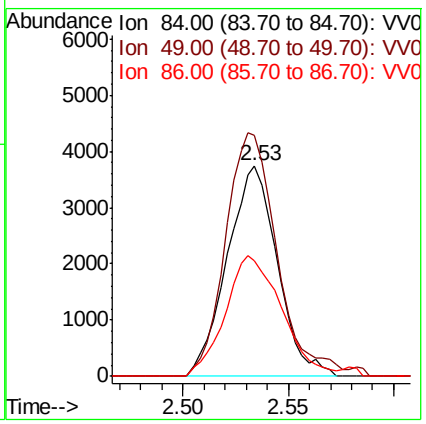


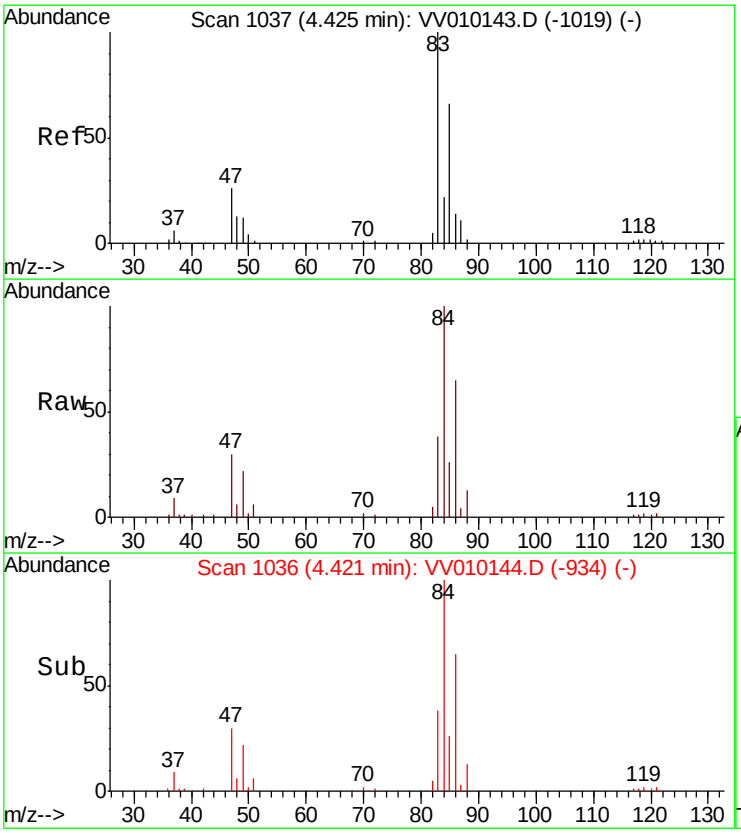
#16
Methylene chloride
Concen: 1.115 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010144.D
Acq: 06 Apr 2019 11:02

Instrument :
MSVOA_V
ClientSampleId :
VBLK62

Tgt Ion: 84 Resp: 6187

Ion	Ratio	Lower	Upper
84	100		
49	114.1	84.3	156.5
86	55.1	45.4	84.2

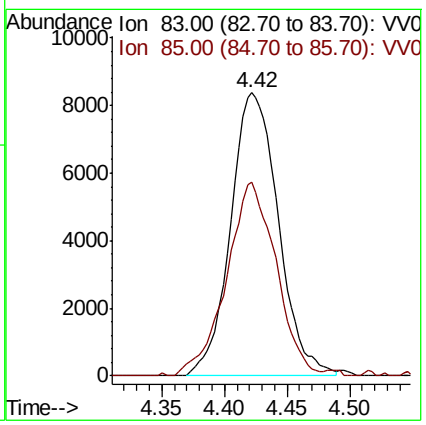


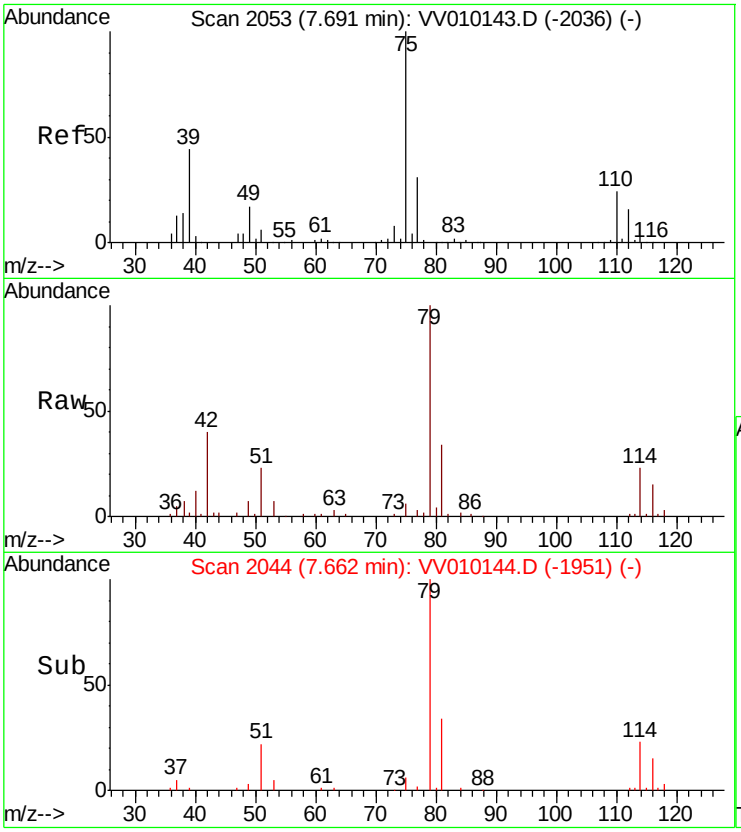


#25
Chloroform
Concen: 3.090 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010144.D
Acq: 06 Apr 2019 11:02

Tgt Ion: 83 Resp: 22182

Ion	Ratio	Lower	Upper
83	100		
85	70.7	46.4	86.2



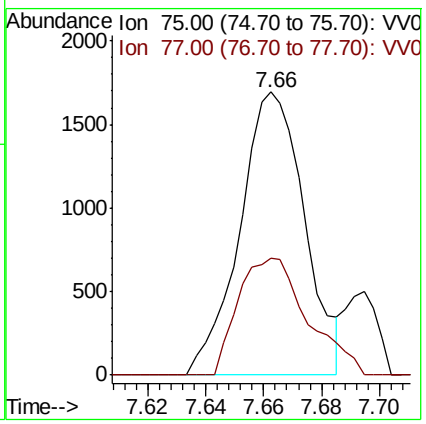


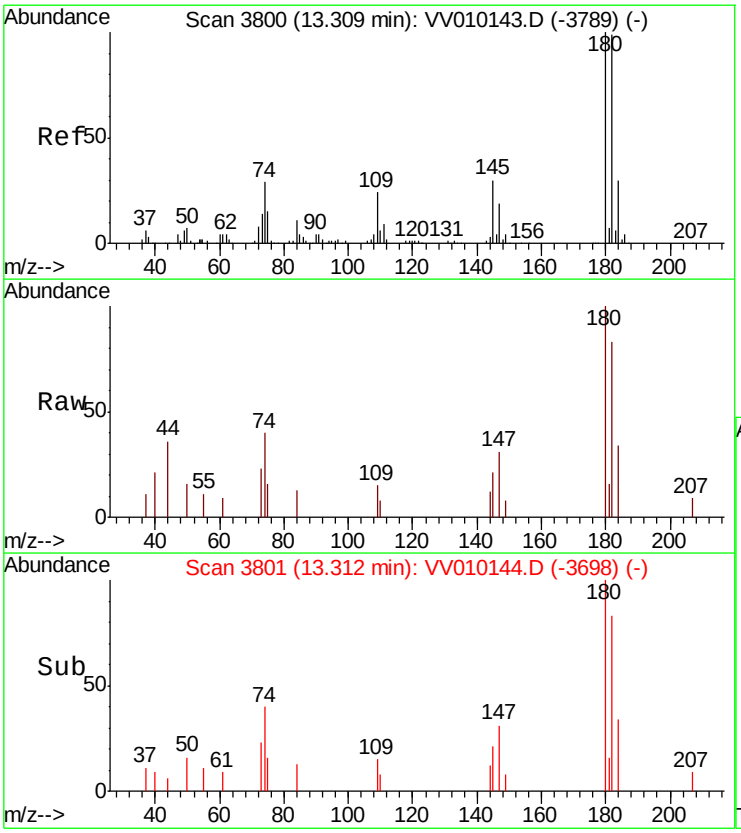
#45
trans-1,3-Dichloropropene
Concen: 0.587 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV010144.D
Acq: 06 Apr 2019 11:02

Instrument :
MSVOA_V
ClientSampleId :
VBLK62

Tgt Ion: 75 Resp: 2630

Ion	Ratio	Lower	Upper
75	100		
77	41.2	23.5	43.7

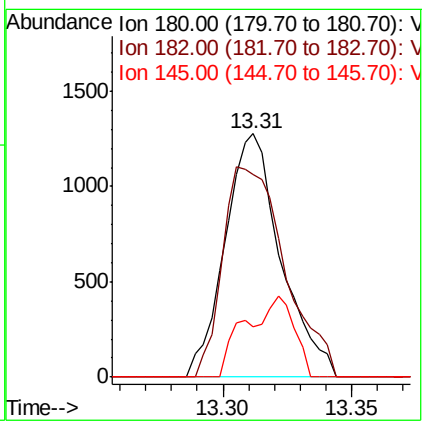


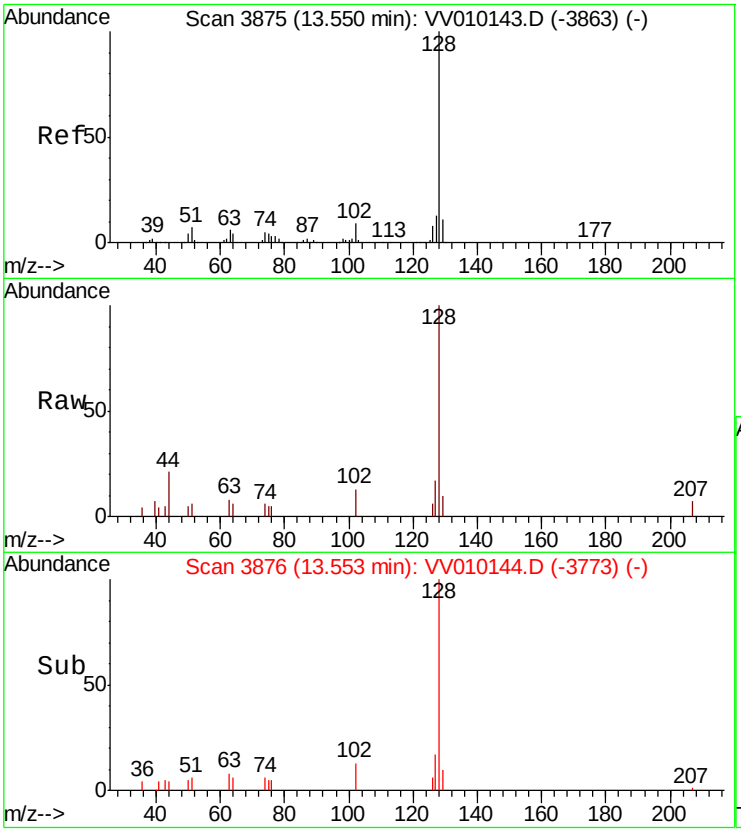


#68
1,2,4-trichlorobenzene
Concen: 0.406 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV010144.D
Acq: 06 Apr 2019 11:02

Tgt Ion:180 Resp: 1922

Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.7	113.5
145	10.5	24.6	37.0#



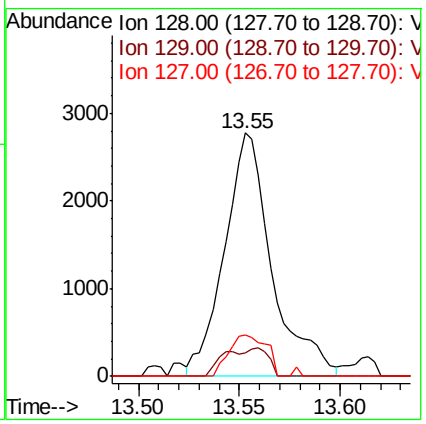


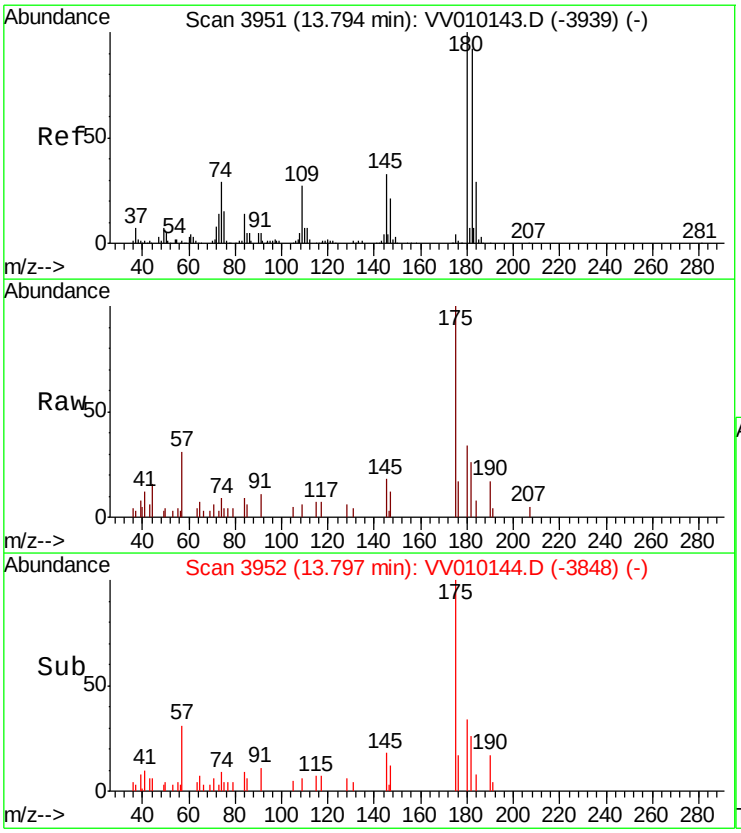
#69
Naphthalene
Concen: 0.580 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010144.D
Acq: 06 Apr 2019 11:02

Instrument :
MSVOA_V
ClientSampleId :
VBLK62

Tgt Ion:128 Resp: 4571

Ion	Ratio	Lower	Upper
128	100		
129	5.7	9.0	13.4#
127	12.0	11.0	16.4





#70
1,2,3-Trichlorobenzene
Concen: 0.440 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV010144.D
Acq: 06 Apr 2019 11:02

Tgt Ion:180 Resp: 1946

Ion	Ratio	Lower	Upper
180	100		
182	69.0	74.1	111.1#
145	37.3	25.8	38.8