Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010174.D
Acq On : 08 Apr 2019 14:29
Operator : SY/MD
Sample : K2218-05
Misc : 4.57G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5Z5

Quant Time: Apr 09 05:34:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 05:31:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	239514	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227420	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82382	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31547	9.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 39.36%			
7) Chloroethane-d5	1.57	69	59834	15.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.08%			
10) 1,1-Dichloroethene-d2	2.12	63	78189	9.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 38.68%#			
20) 2-Butanone-d5	3.95	46	33119	36.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.60%			
24) Chloroform-d	4.40	84	137305	22.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.08	65	91797	27.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.76%			
29) Benzene-d6	5.10	84	269518	22.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.40%			
33) 1,2-Dichloropropane-d6	6.12	67	94495	27.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.60%			
37) Toluene-d8	7.36	98	235010	20.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.72%			
38) trans-1,3-Dichloropropene-	7.67	79	27176	18.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.08%			
39) 2-Hexanone-d5	8.14	63	20839	29.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80633	23.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.96%			
61) 1,2-Dichlorobenzene-d4	11.68	152	76621	23.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.52%			
Target Compounds						Qvalue
13) Acetone	2.21	43	5862	6.498	ug/L	90
15) Methyl Acetate	2.48	43	1332	0.923	ug/L #	56
16) Methylene chloride	2.53	84	15259	3.626	ug/L	93
25) Chloroform	4.42	83	6781	1.245	ug/L	80
42) cis-1,3-Dichloropropene	7.03	75	2371	0.583	ug/L	92
49) 2-Hexanone	8.17	43	2007	1.352	ug/L #	54
59) 1,2,3-Trichloropropane	11.30	75	10537	4.592	ug/L #	86

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

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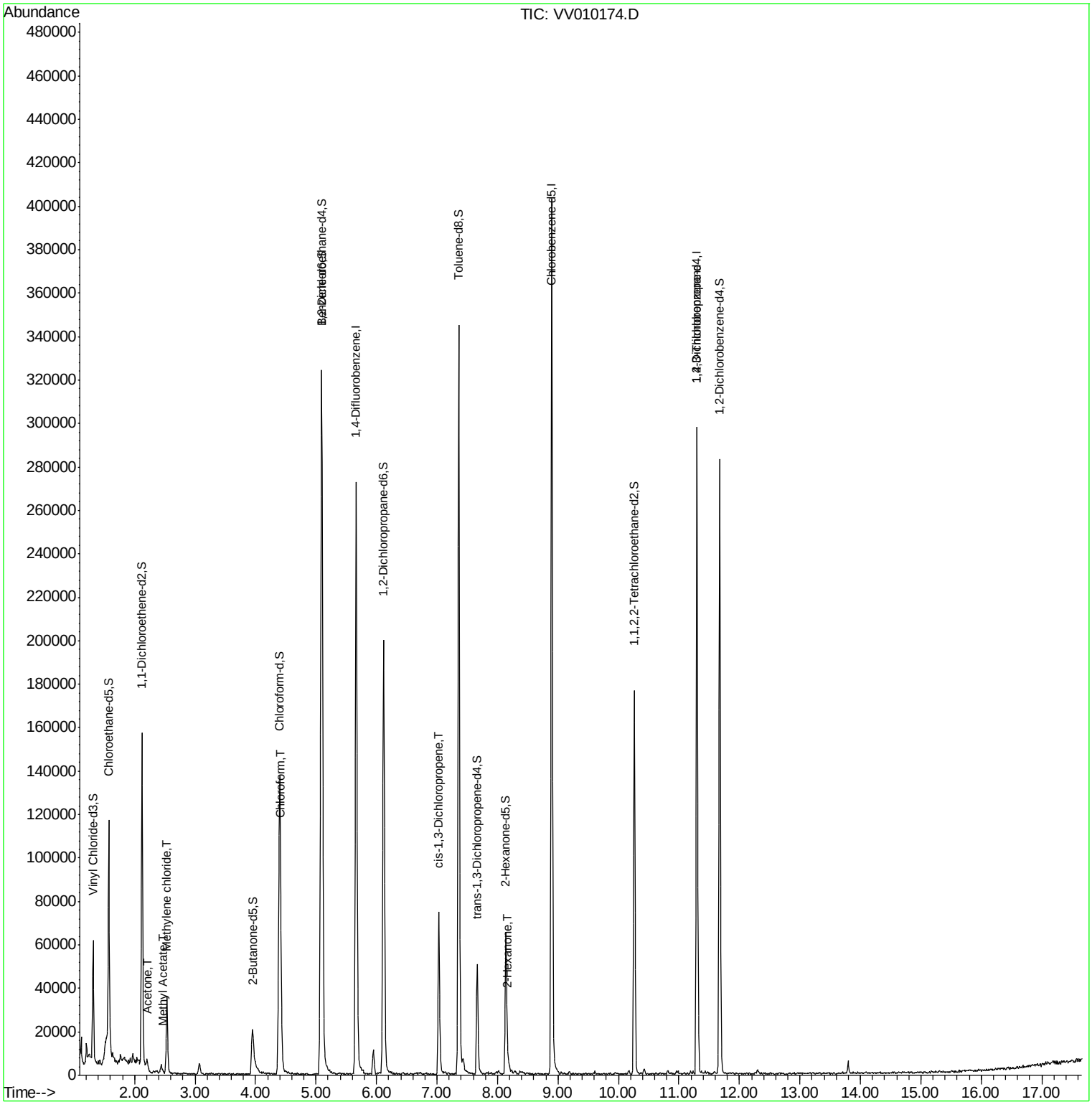
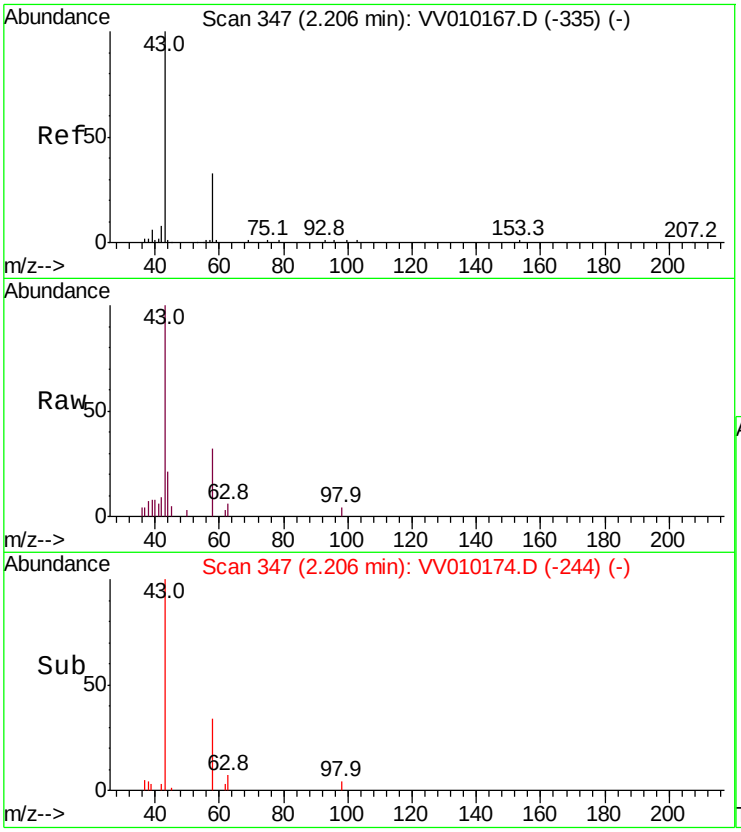


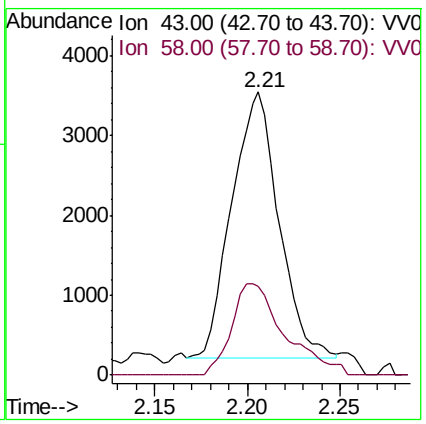


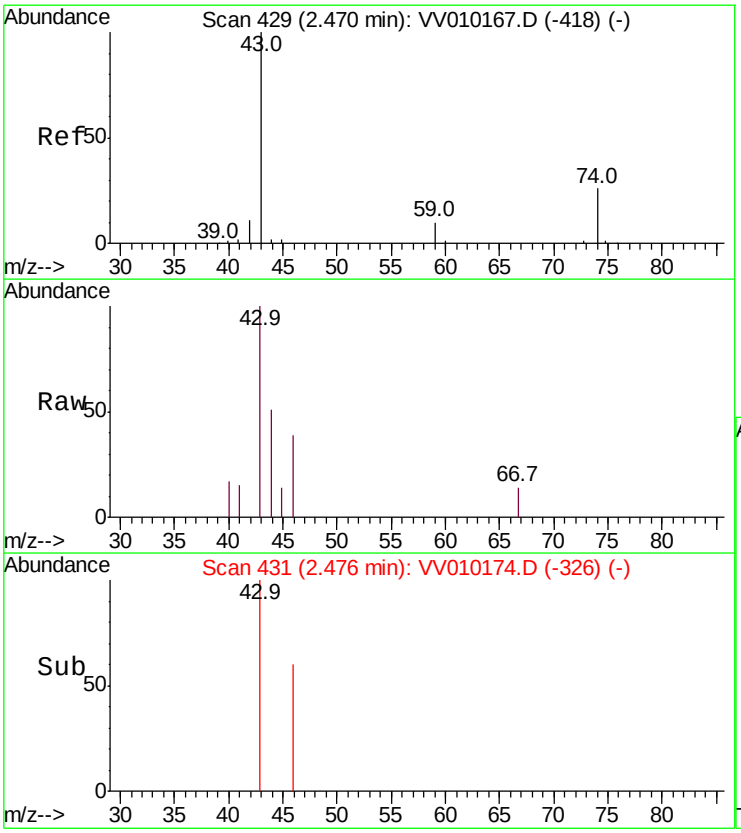
#13
Acetone
Concen: 6.498 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.00 min
Lab File: VV010174.D
Acq: 08 Apr 2019 14:29

Instrument :
MSVOA_V
ClientSampleId :
BF5Z5

Tgt Ion: 43 Resp: 5862

Ion	Ratio	Lower	Upper
43	100		
58	37.9	0.0	64.6

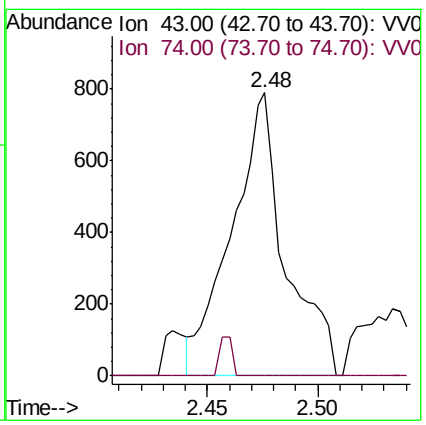


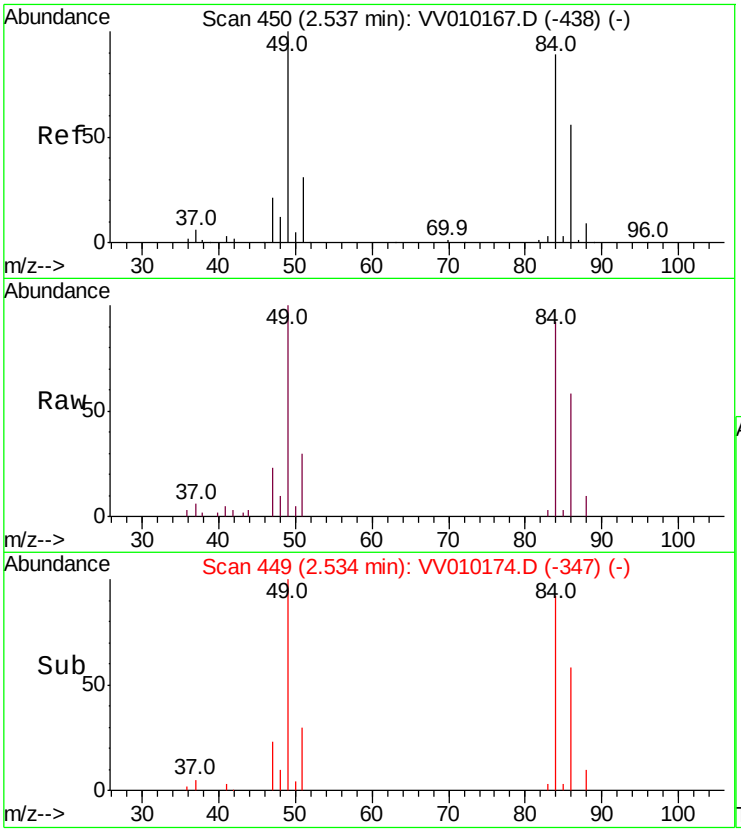


#15
Methyl Acetate
Concen: 0.923 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.01 min
Lab File: VV010174.D
Acq: 08 Apr 2019 14:29

Tgt Ion: 43 Resp: 1332

Ion	Ratio	Lower	Upper
43	100		
74	3.2	20.0	30.0#



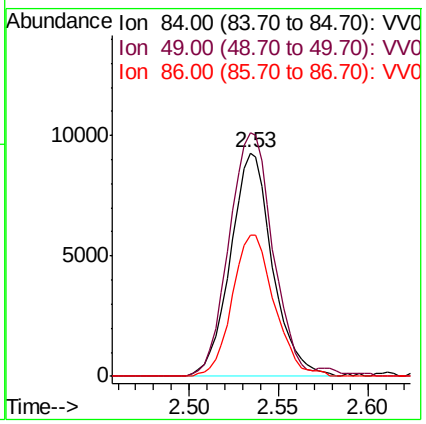


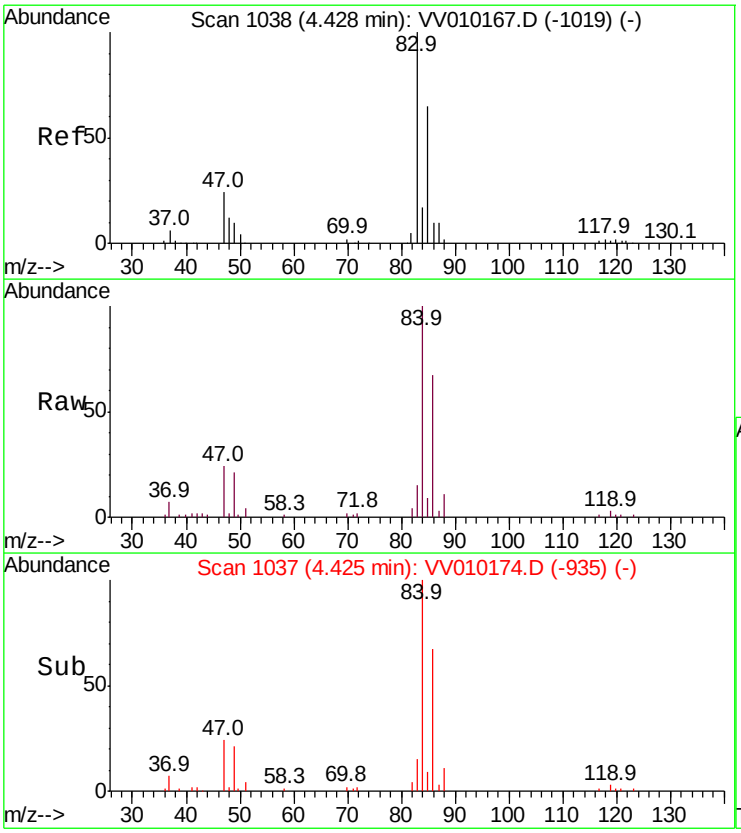
#16
Methylene chloride
Concen: 3.626 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010174.D
Acq: 08 Apr 2019 14:29

Instrument : MSVOA_V
ClientSampleId : BF5Z5

Tgt Ion: 84 Resp: 15259

Ion	Ratio	Lower	Upper
84	100		
49	108.8	84.3	156.5
86	63.2	45.4	84.2

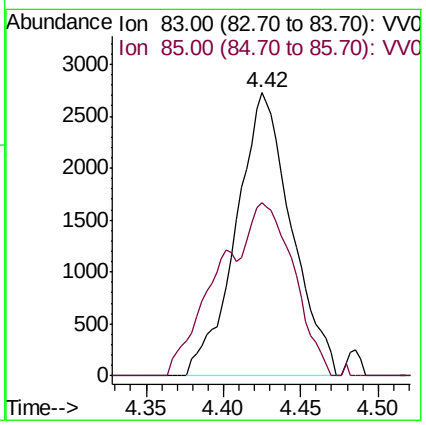


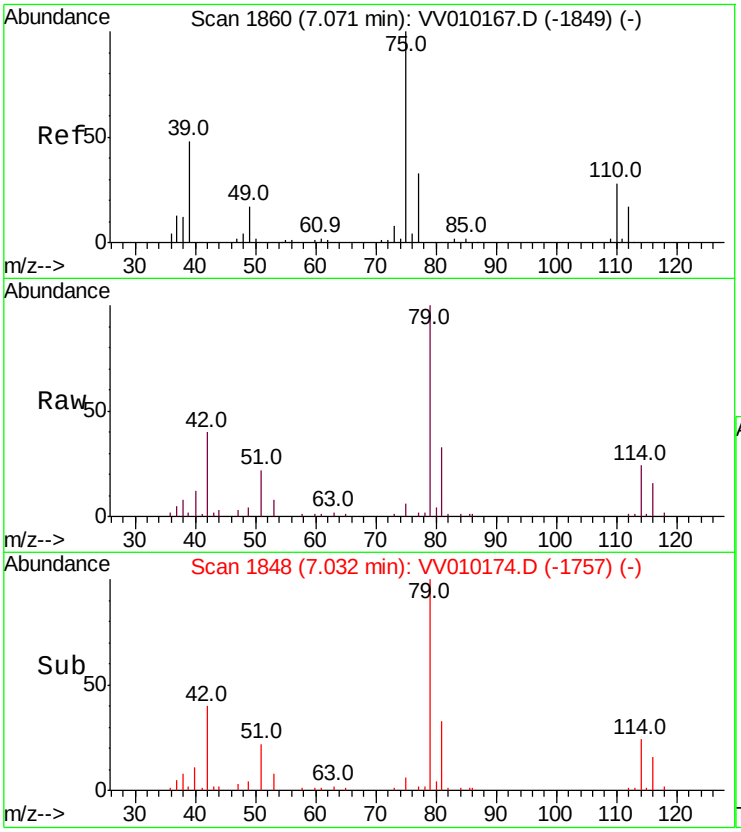


#25
Chloroform
Concen: 1.245 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010174.D
Acq: 08 Apr 2019 14:29

Tgt Ion: 83 Resp: 6781

Ion	Ratio	Lower	Upper
83	100		
85	50.6	46.4	86.2



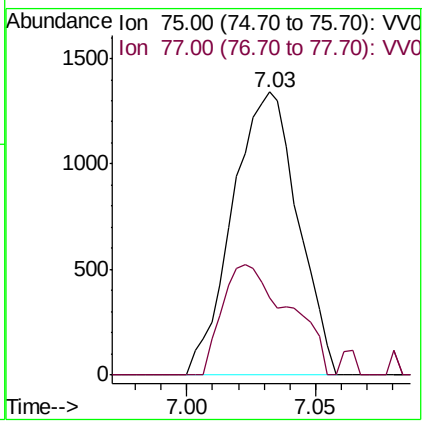


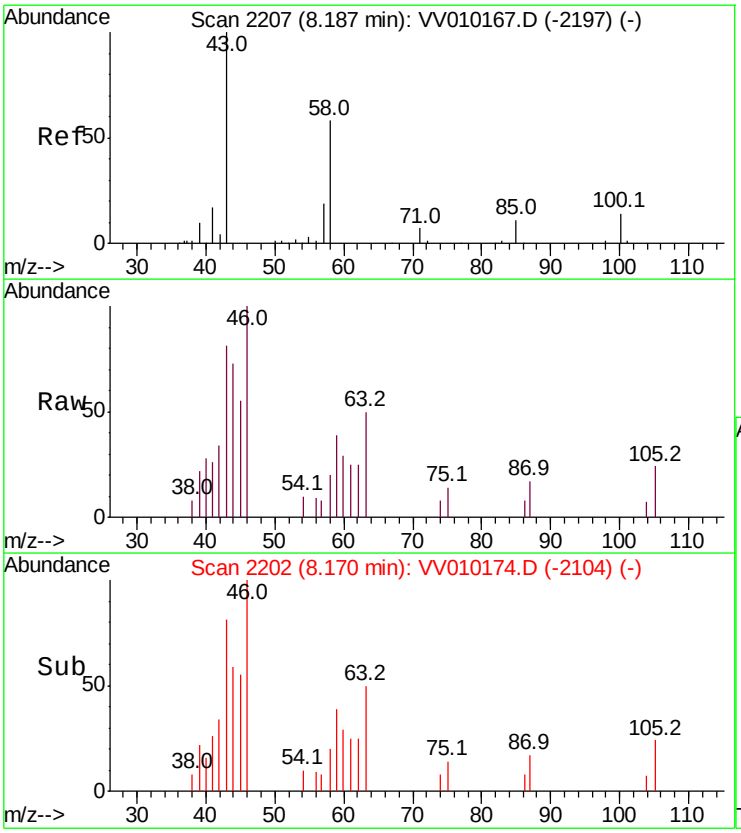
#42
cis-1,3-Dichloropropene
Concen: 0.583 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010174.D
Acq: 08 Apr 2019 14:29

Instrument : MSVOA_V
ClientSampleId : BF5Z5

Tgt Ion: 75 Resp: 2371

Ion	Ratio	Lower	Upper
75	100		
77	27.3	22.1	41.1

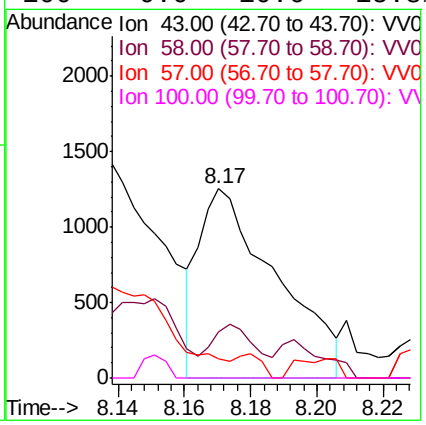


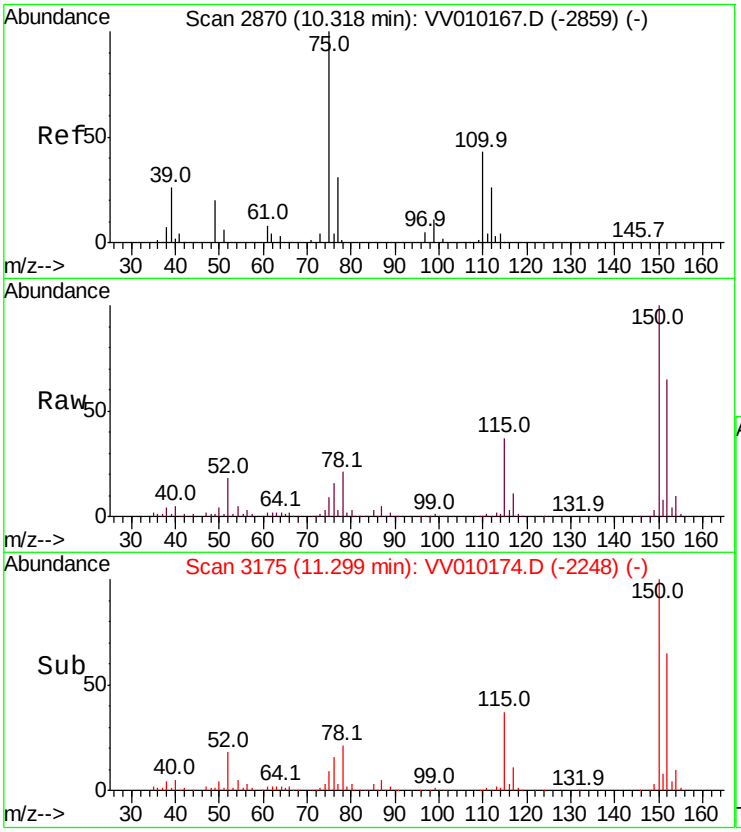


#49
2-Hexanone
Concen: 1.352 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.02 min
Lab File: VV010174.D
Acq: 08 Apr 2019 14:29

Tgt Ion: 43 Resp: 2007

Ion	Ratio	Lower	Upper
43	100		
58	16.5	44.3	66.5#
57	4.0	13.8	20.8#
100	0.0	10.6	15.8#





#59
1,2,3-Trichloropropane
Concen: 4.592 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010174.D
Acq: 08 Apr 2019 14:29

Instrument :
MSVOA_V
ClientSampleId :
BF5Z5

Tgt Ion: 75 Resp: 10537

Ion	Ratio	Lower	Upper
75	100		
77	40.0	25.8	38.8#