Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022519\

Quantitation Report (Not Reviewed)

Data File : VV009355.D
Acq On : 25 Feb 2019 18:21
Operator : SY/MD
Sample : K1601-08
Misc : 4.65G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7Y2

Quant Time: Feb 26 02:50:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81707	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	62455	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	16508	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29477	27.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.48%			
7) Chloroethane-d5	1.57	69	31674	24.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.52%			
10) 1,1-Dichloroethene-d2	2.13	63	56989	21.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.28%			
20) 2-Butanone-d5	3.94	46	15299	40.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.42%			
24) Chloroform-d	4.40	84	45318	23.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.52%			
26) 1,2-Dichloroethane-d4	5.08	65	26893	26.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.56%			
29) Benzene-d6	5.10	84	99888	31.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.56%			
33) 1,2-Dichloropropane-d6	6.12	67	31133	33.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 135.08%#			
37) Toluene-d8	7.36	98	80480	26.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.96%			
38) trans-1,3-Dichloropropene-	7.66	79	11857	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.20%			
39) 2-Hexanone-d5	8.13	63	12648	49.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.66%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25713	25.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.04%			
61) 1,2-Dichlorobenzene-d4	11.68	152	15818	26.09	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.36%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.12	96	550	0.459	ug/L #	1
13) Acetone	2.19	43	2183	5.870	ug/L	88
16) Methylene chloride	2.53	84	1344	1.087	ug/L	86
25) Chloroform	4.42	83	1239	0.649	ug/L #	4
27) 1,2-Dichloroethane	5.10	62	569	0.440	ug/L #	72
40) 1,2-Dichloropropane	6.12	63	3105	3.746	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	989	0.703	ug/L #	41
59) 1,2,3-Trichloropropane	11.30	75	2399	3.214	ug/L	92

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

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Quantitation Report (Not Reviewed)

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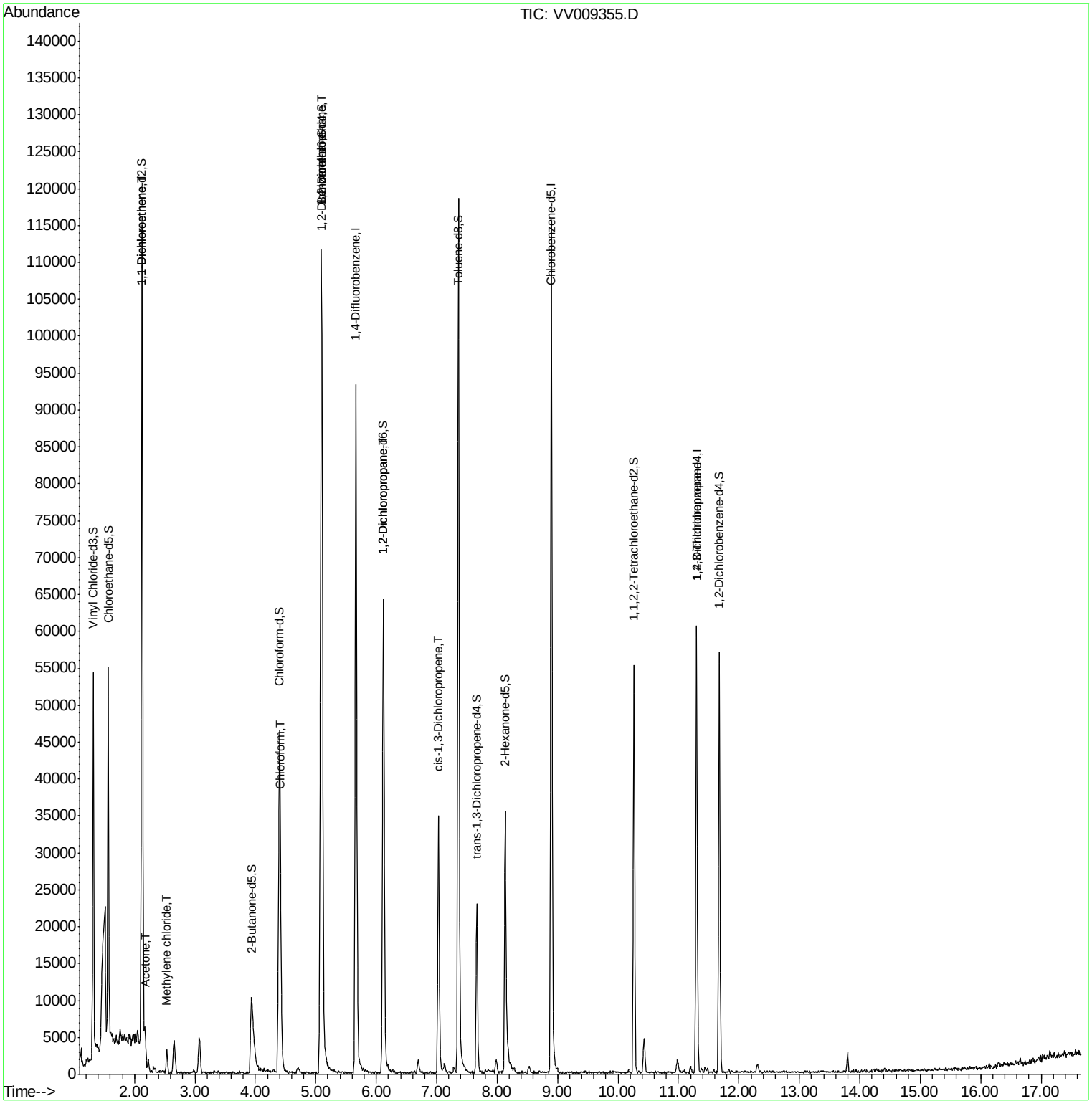
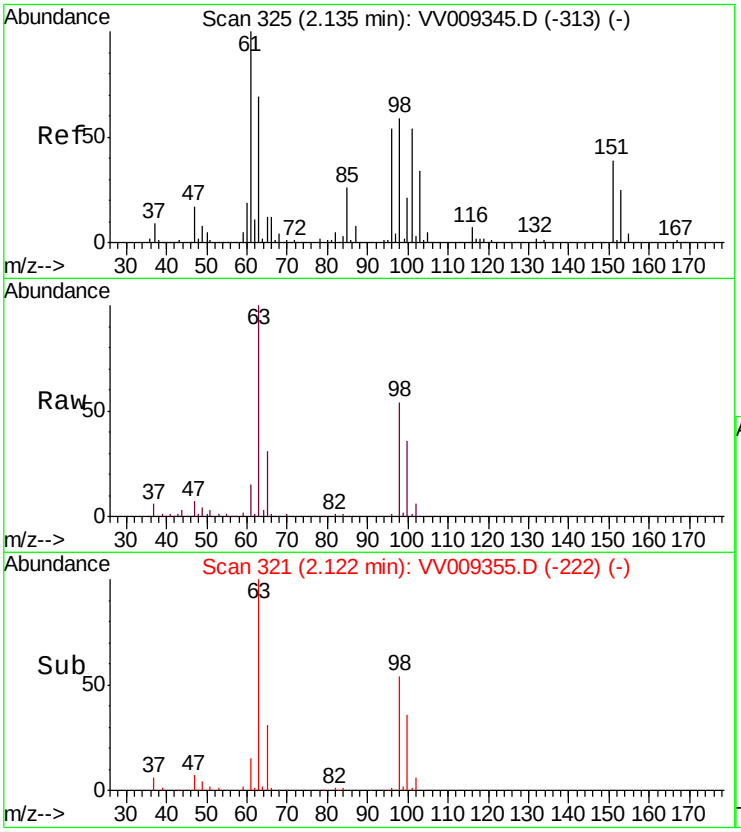
Operator : SY/MD
Sample : K1601-08
Misc : 4.65G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7Y2

Quant Time: Feb 26 02:50:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration



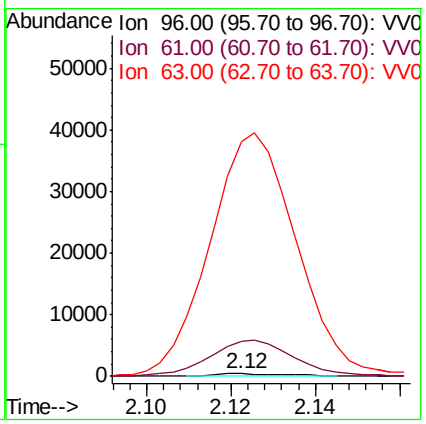


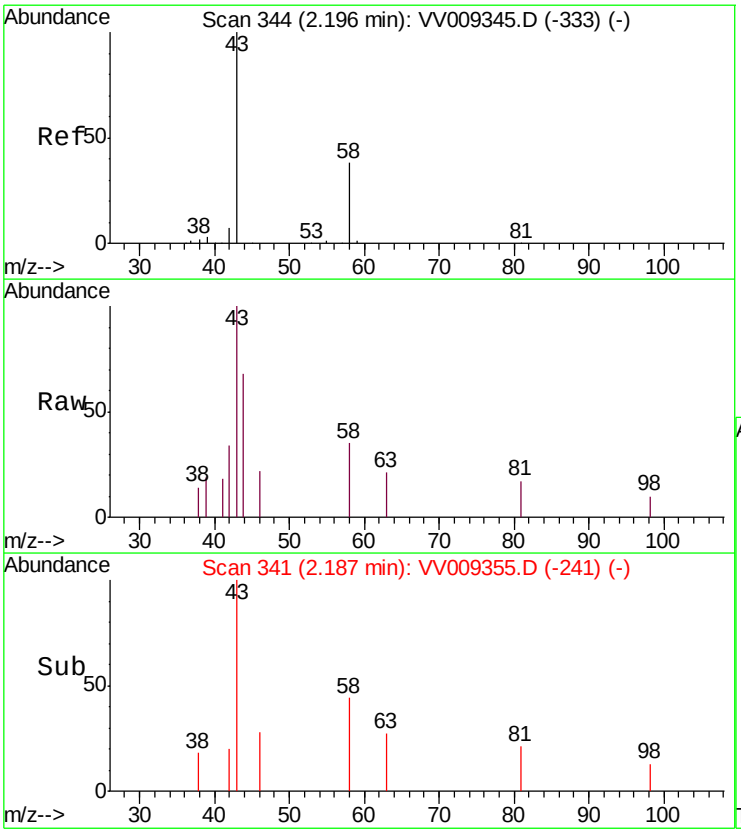
#12
1,1-Dichloroethene
Concen: 0.459 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009355.D
Acq: 25 Feb 2019 18:21

Instrument : MSVOA_V
ClientSampleId : BF7Y2

Tgt Ion: 96 Resp: 550

Ion	Ratio	Lower	Upper
96	100		
61	1421.0	123.3	228.9#
63	9430.1	88.4	164.2#

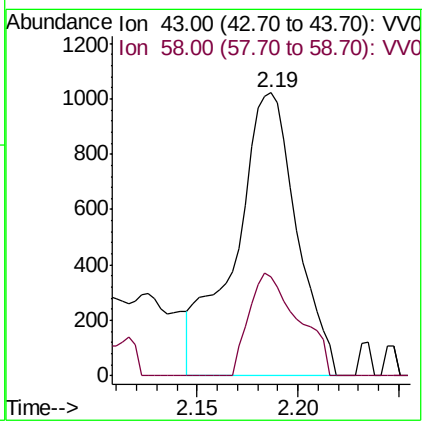


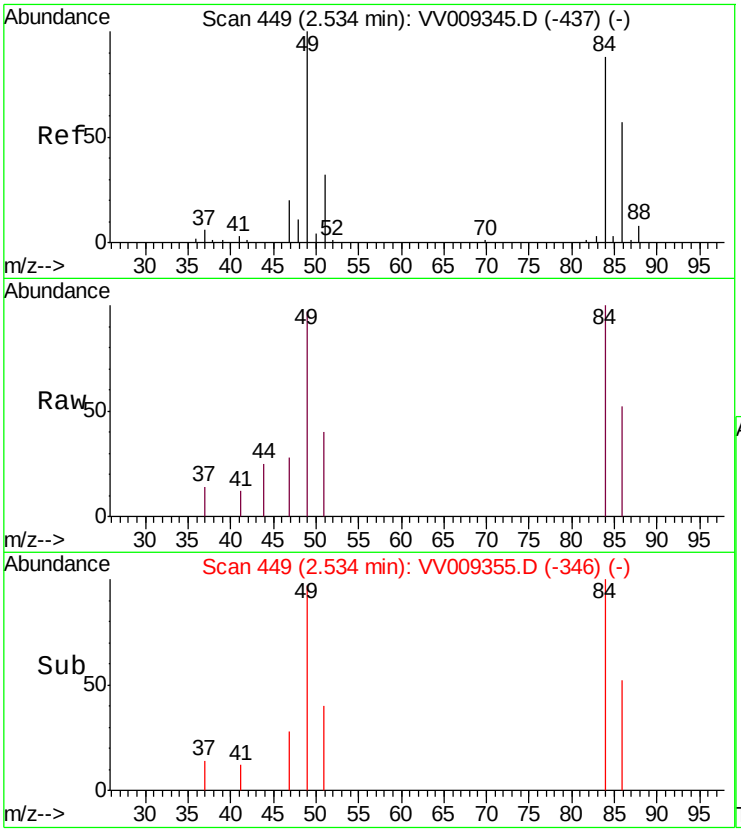


#13
Acetone
Concen: 5.870 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV009355.D
Acq: 25 Feb 2019 18:21

Tgt Ion: 43 Resp: 2183

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	72.0



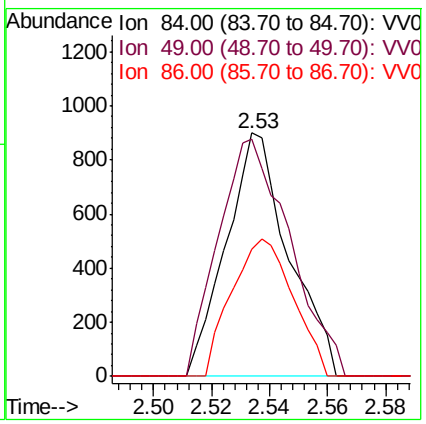


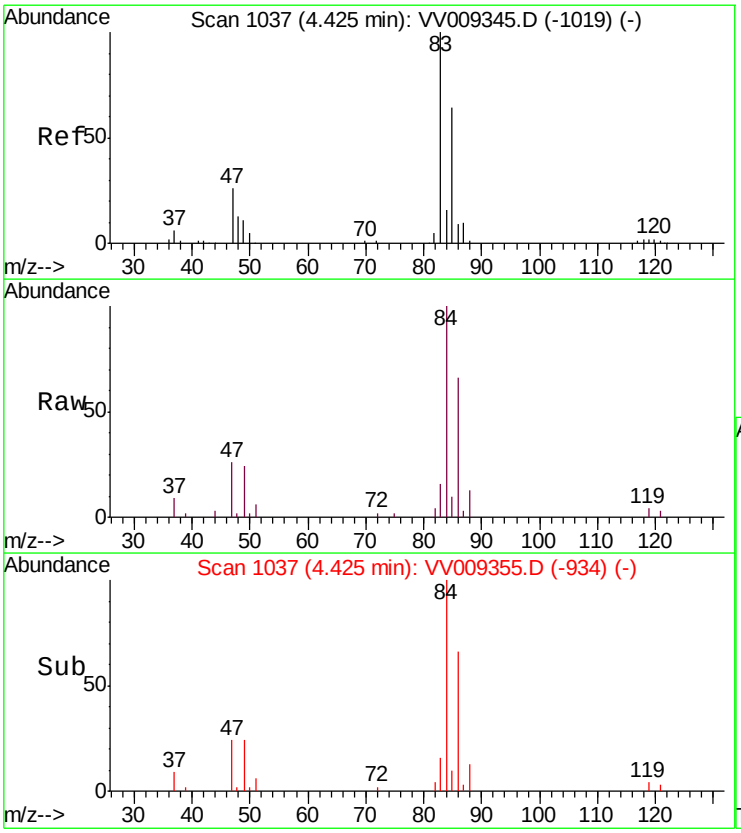
#16
Methylene chloride
Concen: 1.087 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009355.D
Acq: 25 Feb 2019 18:21

Instrument : MSVOA_V
ClientSampleId : BF7Y2

Tgt Ion: 84 Resp: 1344

Ion	Ratio	Lower	Upper
84	100		
49	97.2	78.7	146.1
86	52.0	44.0	81.6

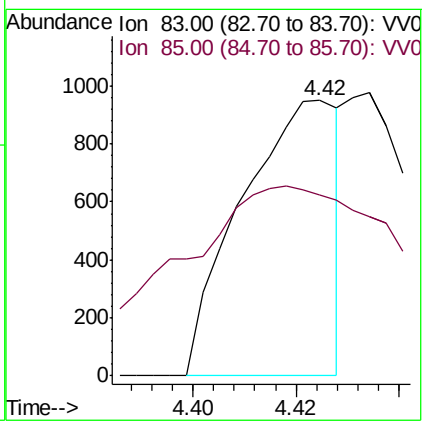


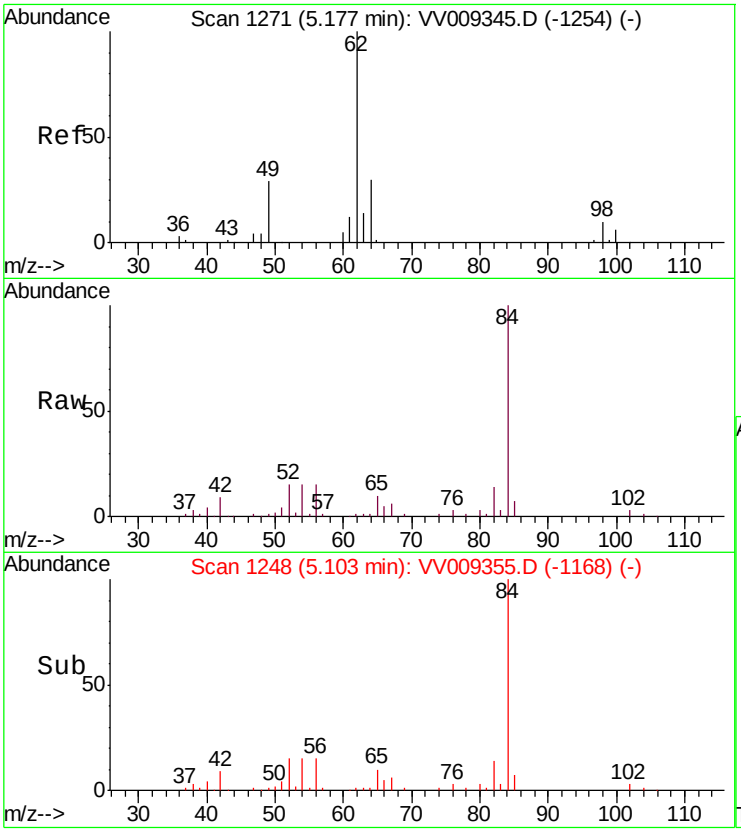


#25
Chloroform
Concen: 0.649 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009355.D
Acq: 25 Feb 2019 18:21

Tgt Ion: 83 Resp: 1239

Ion	Ratio	Lower	Upper
83	100		
85	145.3	47.5	88.3#



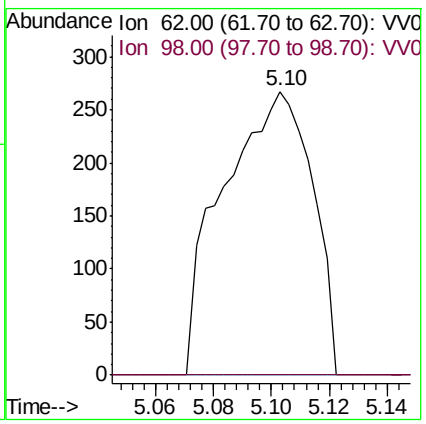


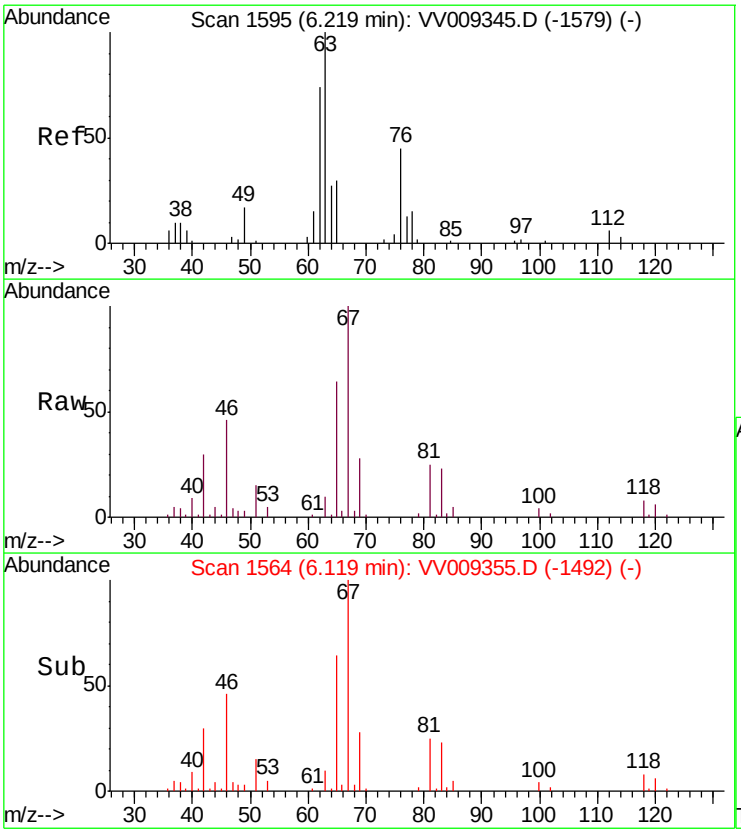
#27
1,2-Dichloroethane
Concen: 0.440 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.07 min
Lab File: VV009355.D
Acq: 25 Feb 2019 18:21

Instrument : MSVOA_V
ClientSampleId : BF7Y2

Tgt Ion: 62 Resp: 569

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.5	12.7#

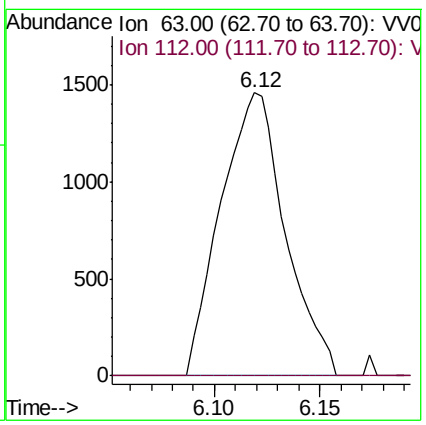


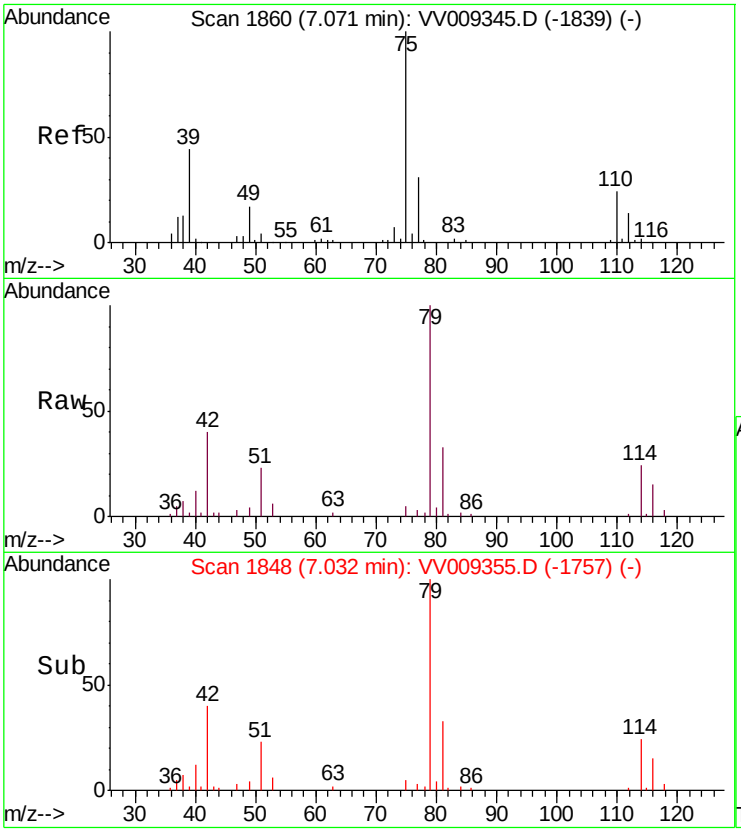


#40
1,2-Dichloropropane
Concen: 3.746 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009355.D
Acq: 25 Feb 2019 18:21

Tgt Ion: 63 Resp: 3105

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



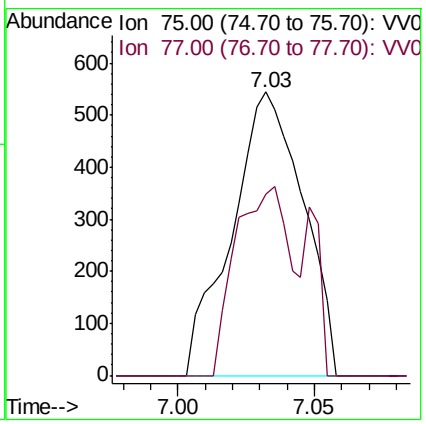


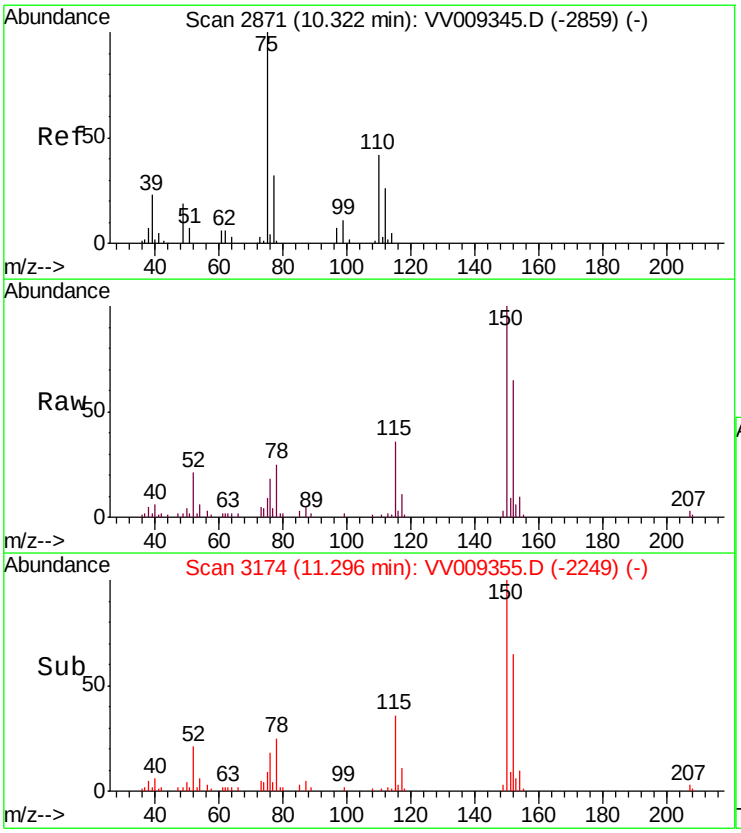
#42
cis-1,3-Dichloropropene
Concen: 0.703 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009355.D
Acq: 25 Feb 2019 18:21

Instrument :
MSVOA_V
ClientSampleId :
BF7Y2

Tgt Ion: 75 Resp: 989

Ion	Ratio	Lower	Upper
75	100		
77	64.0	22.0	40.8#





#59
1,2,3-Trichloropropane
Concen: 3.214 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009355.D
Acq: 25 Feb 2019 18:21

Tgt Ion: 75 Resp: 2399

Ion	Ratio	Lower	Upper
75	100		
77	37.7	26.3	39.5