Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022619\

Quantitation Report (Not Reviewed)

Data File : VV009378.D
Acq On : 26 Feb 2019 20:22
Operator : SY/MD
Sample : K1601-09
Misc : 4.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7Y3

Quant Time: Feb 27 04:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135225	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108589	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37161	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35184	20.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.72%			
7) Chloroethane-d5	1.58	69	55830	25.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.96%			
10) 1,1-Dichloroethene-d2	2.13	63	73252	16.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.12%			
20) 2-Butanone-d5	3.95	46	12880	25.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 50.26%			
24) Chloroform-d	4.40	84	81851	24.96	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.84%			
26) 1,2-Dichloroethane-d4	5.08	65	48079	26.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.00%			
29) Benzene-d6	5.10	84	160650	27.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.32%			
33) 1,2-Dichloropropane-d6	6.12	67	50712	29.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.92%			
37) Toluene-d8	7.36	98	139603	25.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.84%			
38) trans-1,3-Dichloropropene-	7.67	79	16466	19.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.88%			
39) 2-Hexanone-d5	8.14	63	9706	27.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 54.22%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43639	26.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.64%			
61) 1,2-Dichlorobenzene-d4	11.67	152	35272	25.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.48%			
Target Compounds						Qvalue
13) Acetone	2.21	43	8866	15.130	ug/L	80
15) Methyl Acetate	2.46	43	606	0.783	ug/L #	84
16) Methylene chloride	2.54	84	2295	1.253	ug/L	84
27) 1,2-Dichloroethane	5.10	62	1084	0.480	ug/L #	77
35) Trichloroethene	5.67	95	3544	2.115	ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1335	0.559	ug/L #	73
49) 2-Hexanone	8.18	43	13200	14.701	ug/L #	40
59) 1,2,3-Trichloropropane	11.30	75	5540	4.604	ug/L #	88

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022619\

Quantitation Report (Not Reviewed)

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Instrument : MSVOA_V
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Quant Time: Feb 27 04:48:37 2019
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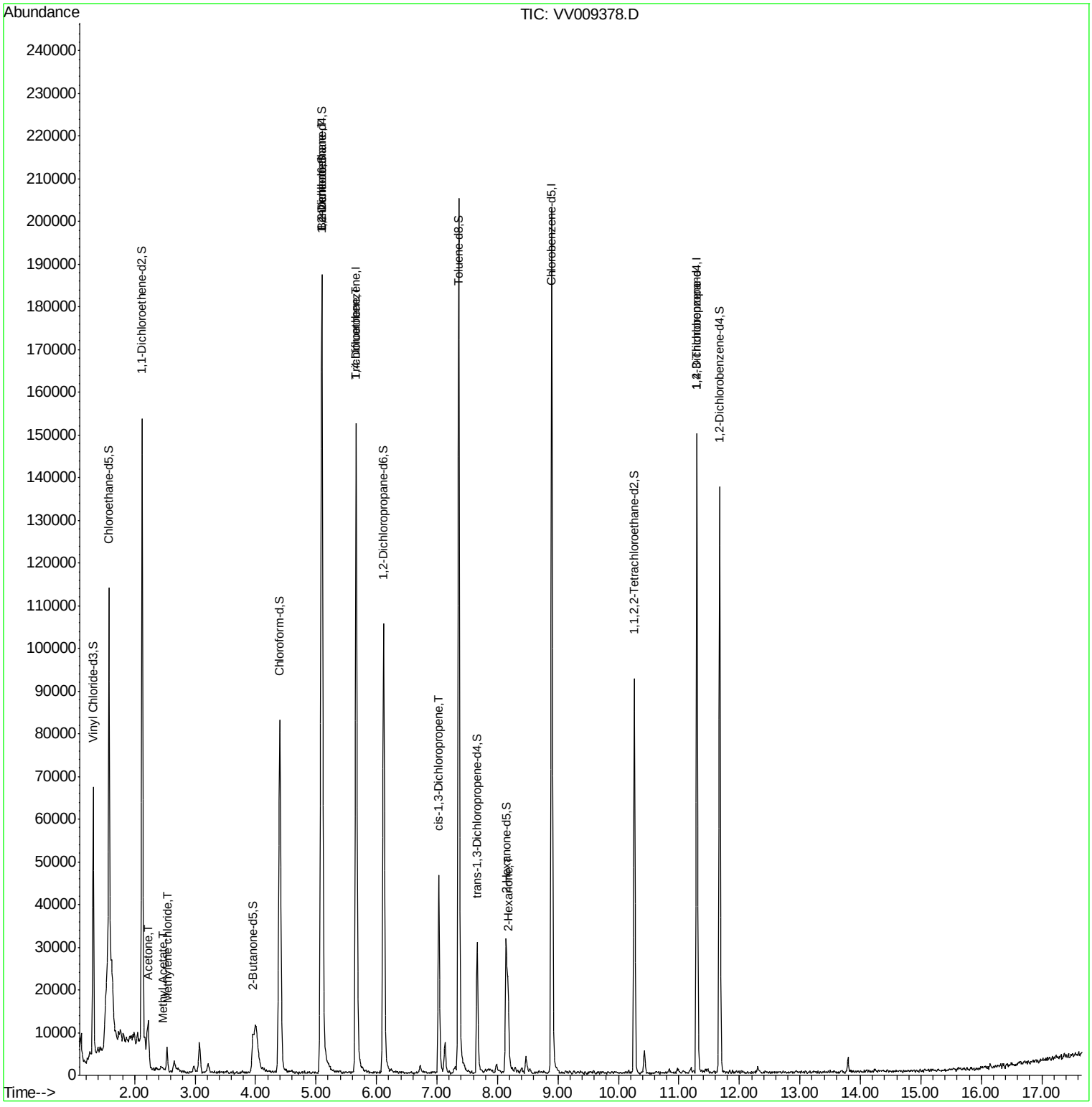
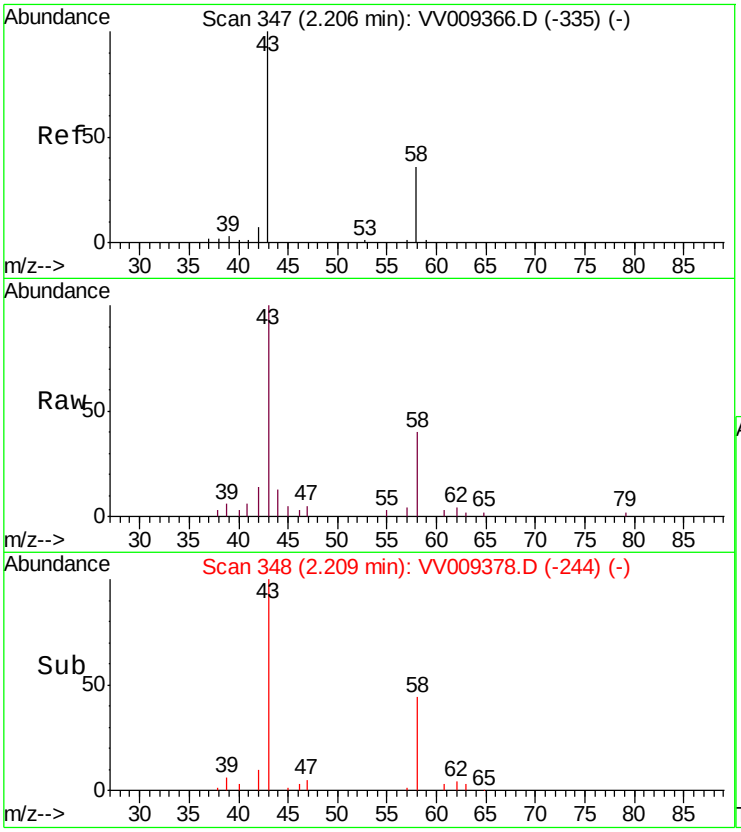
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration



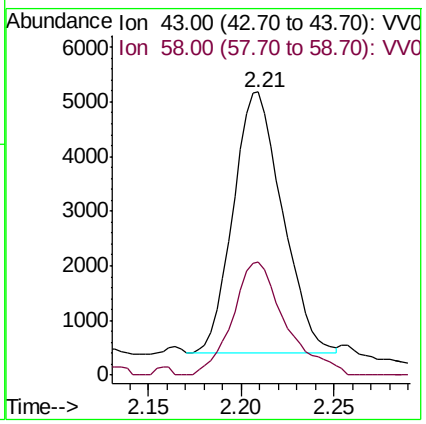


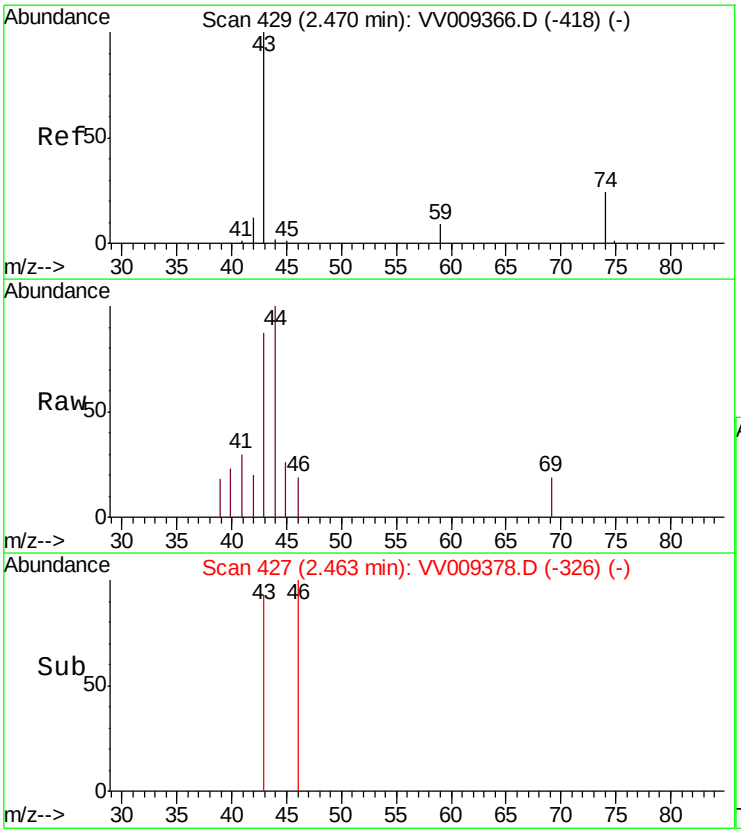
#13
Acetone
Concen: 15.130 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.00 min
Lab File: VV009378.D
Acq: 26 Feb 2019 20:22

Instrument :
MSVOA_V
ClientSampleId :
BF7Y3

Tgt Ion: 43 Resp: 8866

Ion	Ratio	Lower	Upper
43	100		
58	46.0	0.0	68.8

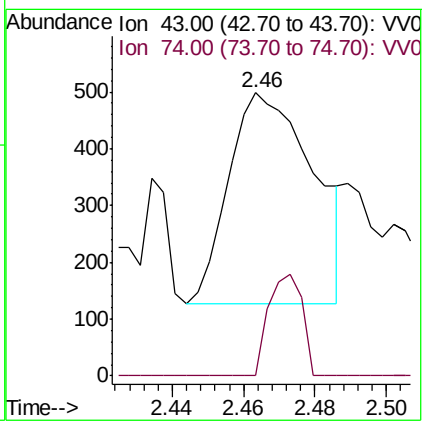


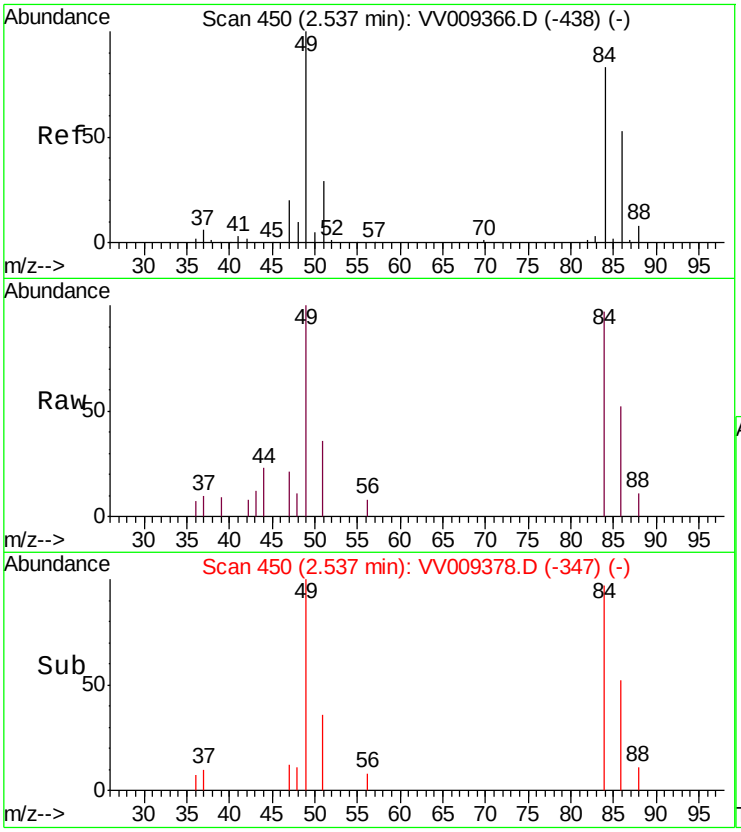


#15
Methyl Acetate
Concen: 0.783 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.01 min
Lab File: VV009378.D
Acq: 26 Feb 2019 20:22

Tgt Ion: 43 Resp: 606

Ion	Ratio	Lower	Upper
43	100		
74	19.1	21.8	32.8#



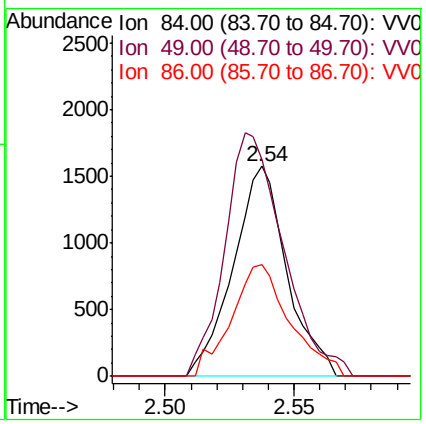


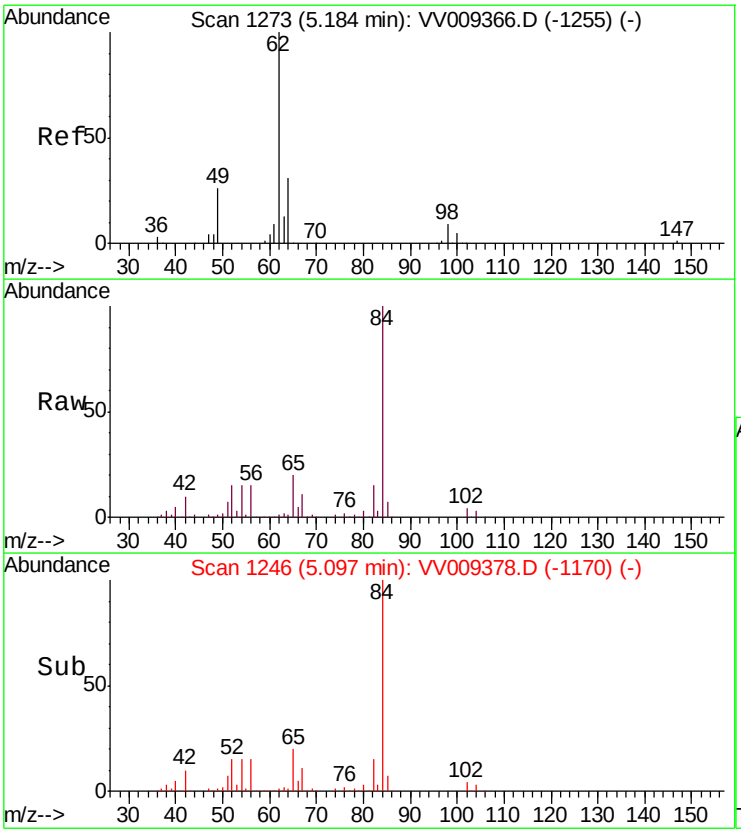
#16
Methylene chloride
Concen: 1.253 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009378.D
Acq: 26 Feb 2019 20:22

Instrument :
MSVOA_V
ClientSampleId :
BF7Y3

Tgt Ion: 84 Resp: 2295

Ion	Ratio	Lower	Upper
84	100		
49	103.6	84.6	157.0
86	53.5	46.1	85.7

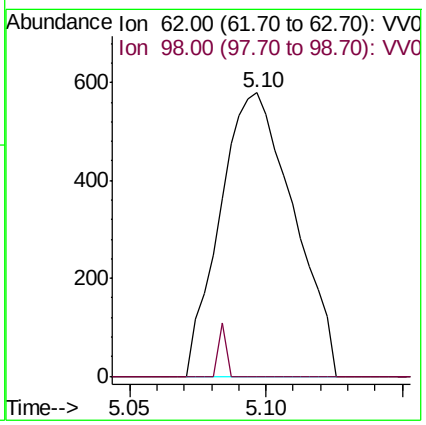


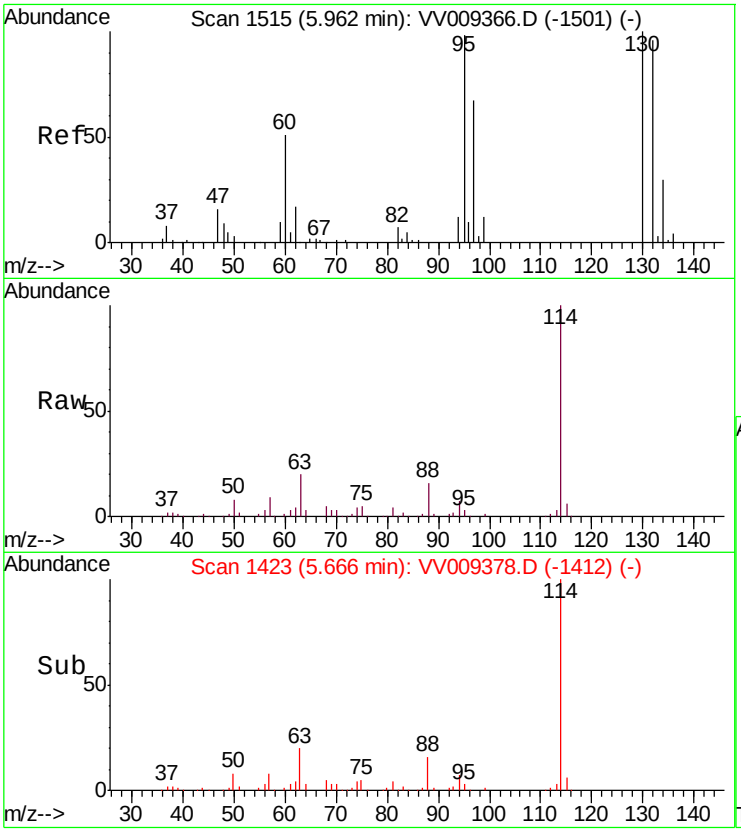


#27
1,2-Dichloroethane
Concen: 0.480 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.09 min
Lab File: VV009378.D
Acq: 26 Feb 2019 20:22

Tgt Ion: 62 Resp: 1084

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



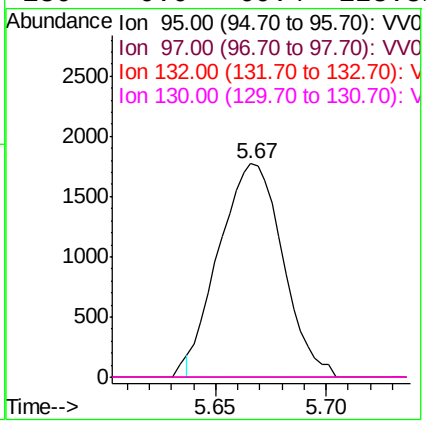


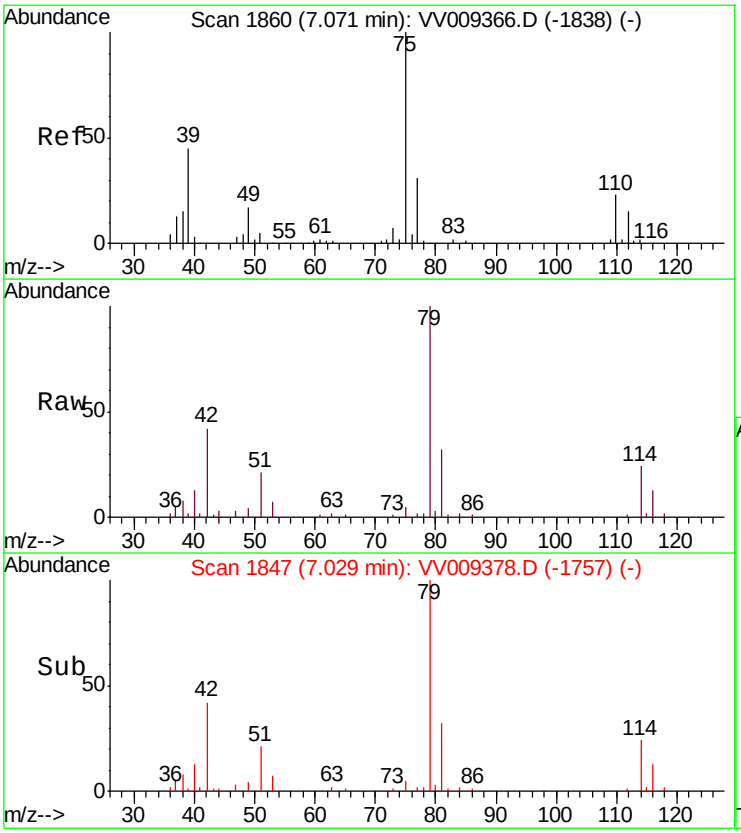
#35
Trichloroethene
Concen: 2.115 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.30 min
Lab File: VV009378.D
Acq: 26 Feb 2019 20:22

Instrument : MSVOA_V
ClientSampleId : BF7Y3

Tgt Ion: 95 Resp: 3544

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	64.4	119.6#
130	0.0	69.4	128.8#

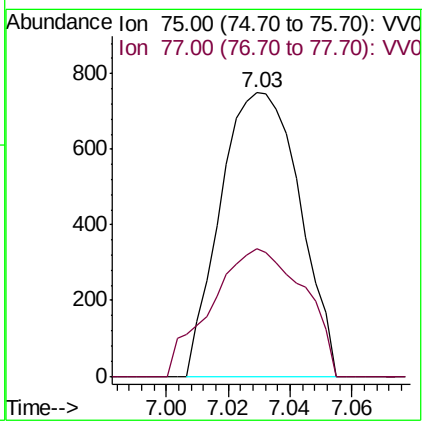


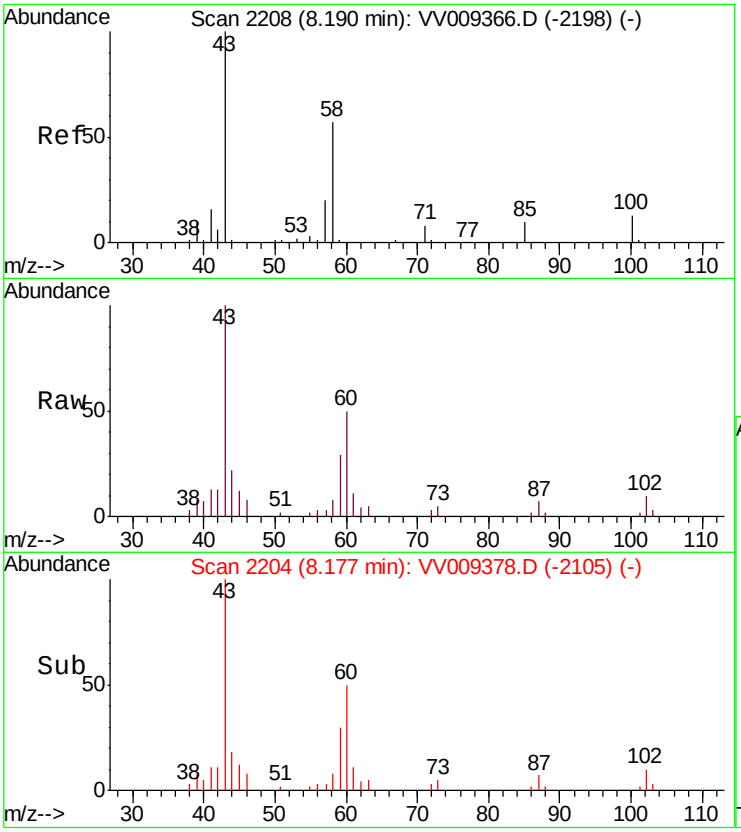


#42
cis-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009378.D
Acq: 26 Feb 2019 20:22

Tgt Ion: 75 Resp: 1335

Ion	Ratio	Lower	Upper
75	100		
77	45.1	21.4	39.8#



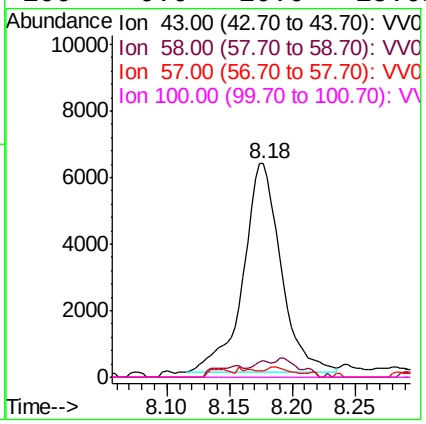


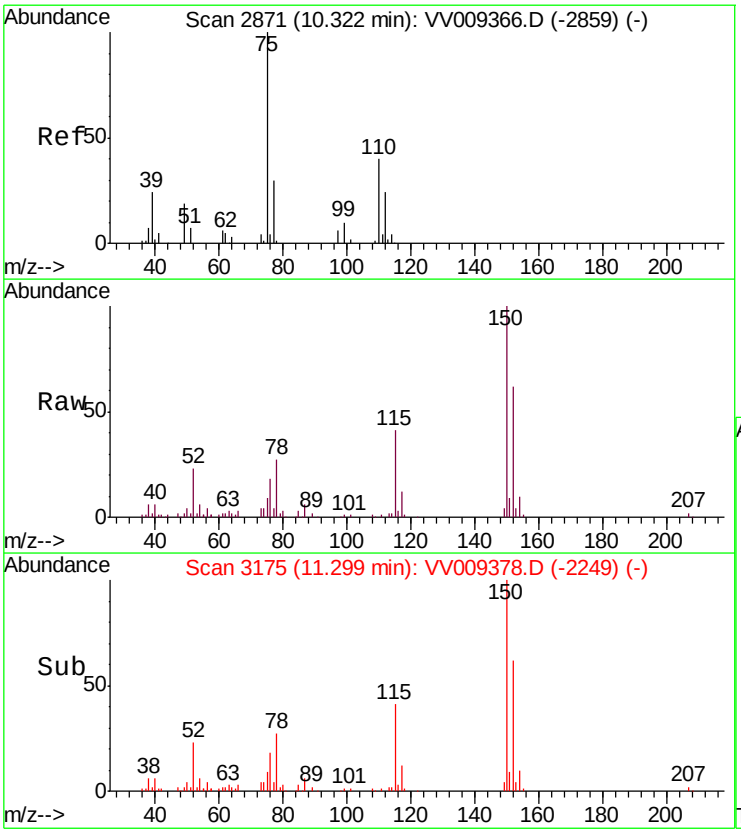
#49
2-Hexanone
Concen: 14.701 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VV009378.D
Acq: 26 Feb 2019 20:22

Instrument : MSVOA_V
ClientSampleId : BF7Y3

Tgt Ion: 43 Resp: 13200

Ion	Ratio	Lower	Upper
43	100		
58	3.6	46.3	69.5#
57	1.3	15.8	23.6#
100	0.0	10.0	15.0#





#59
1,2,3-Trichloropropane
Concen: 4.604 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009378.D
Acq: 26 Feb 2019 20:22

Tgt Ion: 75 Resp: 5540

Ion	Ratio	Lower	Upper
75	100		
77	39.2	25.9	38.9#