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

Quantitation Report (Not Reviewed)

Data File : VV009387.D
Acq On : 27 Feb 2019 00:20
Operator : SY/MD
Sample : K1626-03
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC89

Quant Time: Feb 27 04:49:51 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	5.67	114	146938	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46033	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	32281	17.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.84%			
7) Chloroethane-d5	1.58	69	53461	22.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.96%			
10) 1,1-Dichloroethene-d2	2.13	63	68242	13.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.84%			
20) 2-Butanone-d5	3.96	46	13059	23.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 46.90%			
24) Chloroform-d	4.40	84	74082	20.79	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.16%			
26) 1,2-Dichloroethane-d4	5.08	65	40180	20.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.52%			
29) Benzene-d6	5.10	84	151174	22.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.52%			
33) 1,2-Dichloropropane-d6	6.12	67	47891	24.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.88%			
37) Toluene-d8	7.36	98	139609	21.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.16%			
38) trans-1,3-Dichloropropene-	7.67	79	14561	14.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 59.52%			
39) 2-Hexanone-d5	8.14	63	10597	25.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.16%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32697	17.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 68.40%			
61) 1,2-Dichlorobenzene-d4	11.68	152	35327	20.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.88%			

Target Compounds						Qvalue
13) Acetone	1.99	43	8135	12.776	ug/L	42
15) Methyl Acetate	2.48	43	664	0.789	ug/L #	71
16) Methylene chloride	2.54	84	7627	3.832	ug/L	97
40) 1,2-Dichloropropane	6.12	63	5798	3.332	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1358	0.491	ug/L #	72
49) 2-Hexanone	8.18	43	3686	3.548	ug/L #	36
59) 1,2,3-Trichloropropane	11.30	75	6669	4.790	ug/L #	83

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

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Instrument :
MSVOA_V
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BFC89

Quant Time: Feb 27 04:49:51 2019
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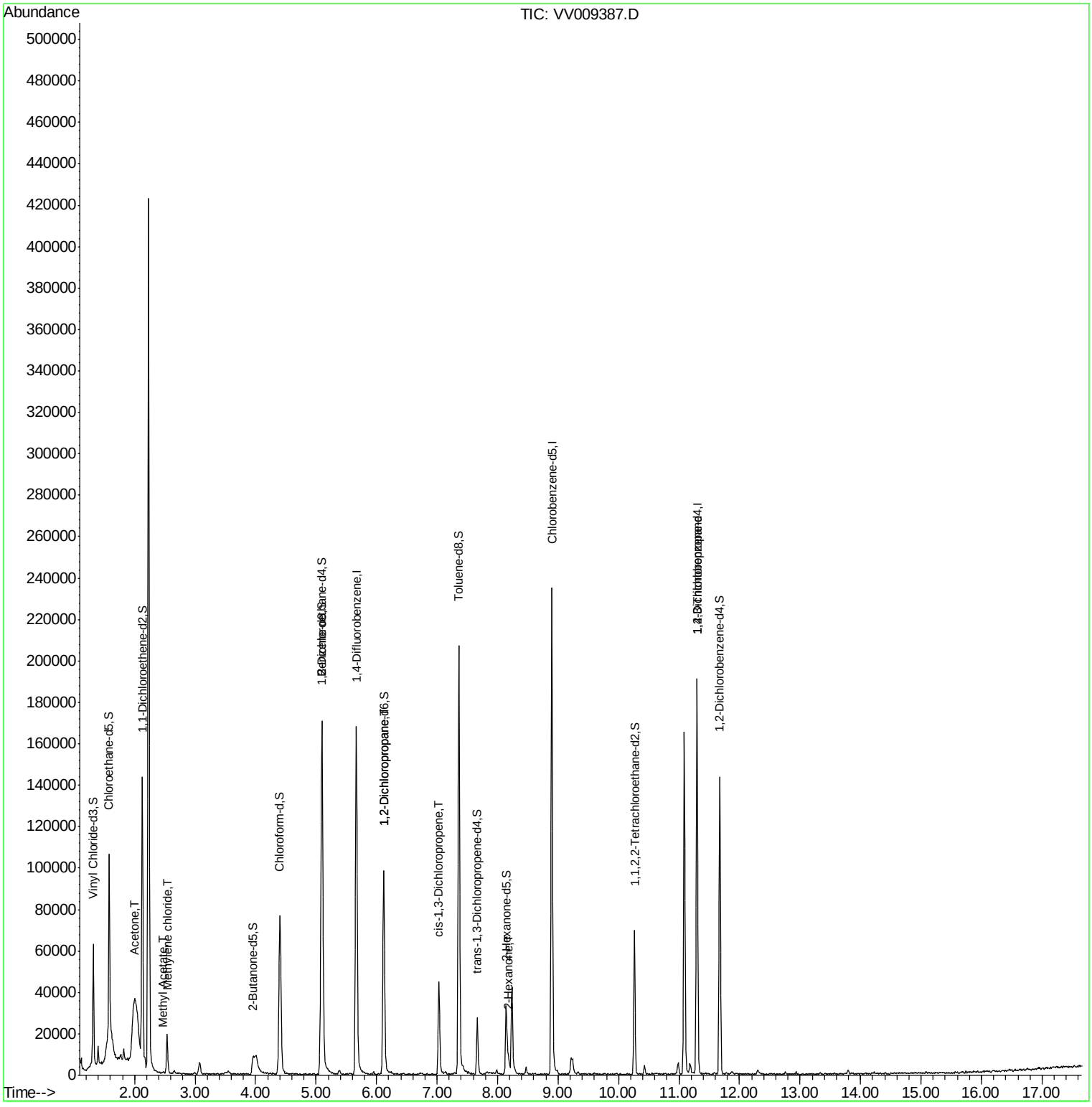
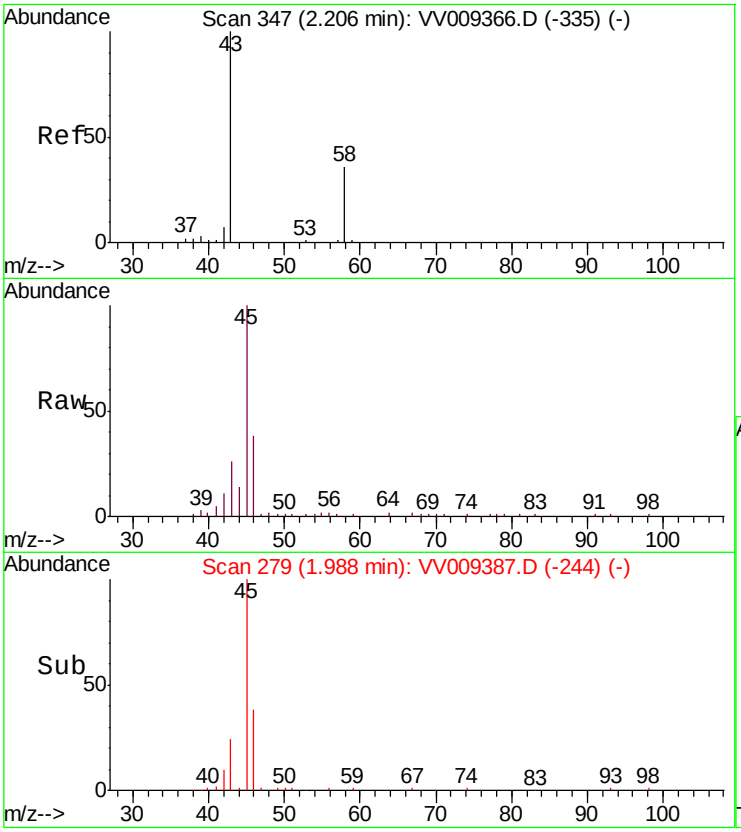
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration



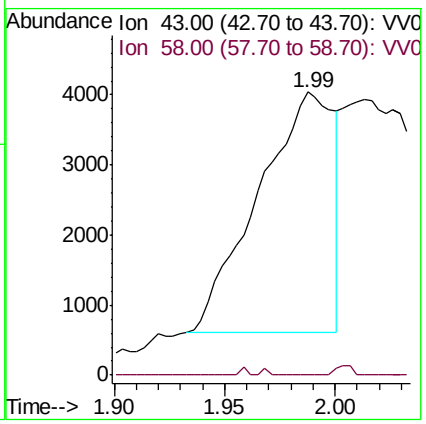


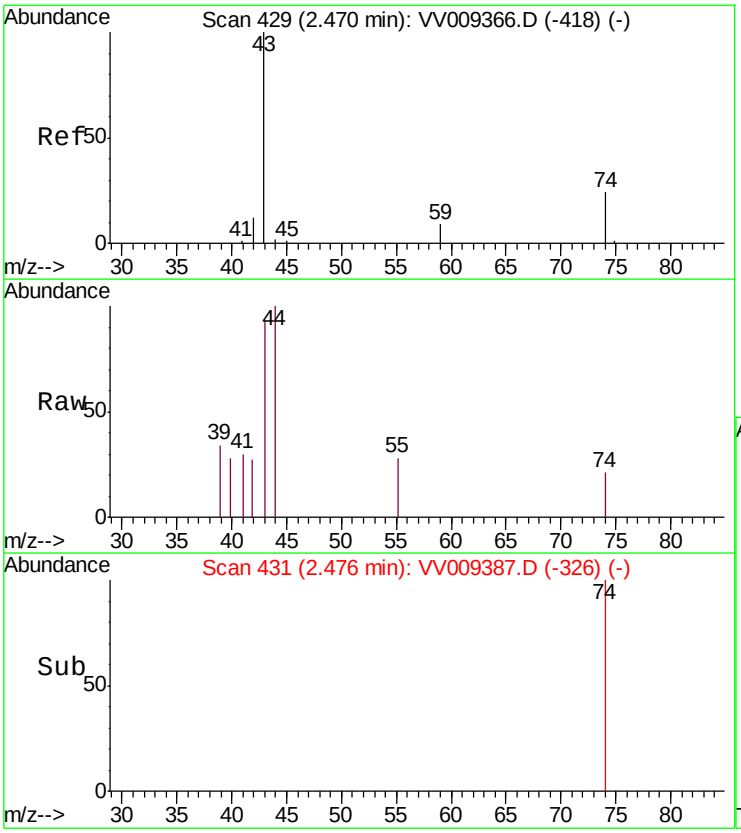
#13
Acetone
Concen: 12.776 ug/L
RT: 1.99 min Scan# 279
Delta R.T. -0.22 min
Lab File: VV009387.D
Acq: 27 Feb 2019 00:20

Instrument : MSVOA_V
ClientSampleId : BFC89

Tgt Ion: 43 Resp: 8135

Ion	Ratio	Lower	Upper
43	100		
58	0.9	0.0	68.8

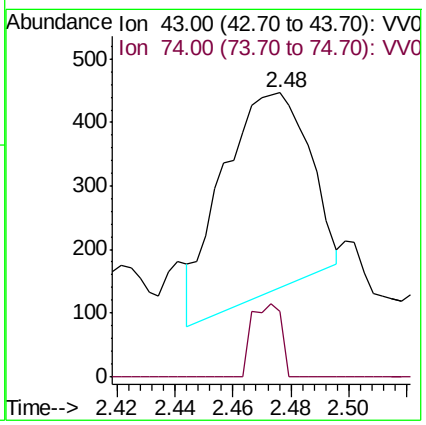


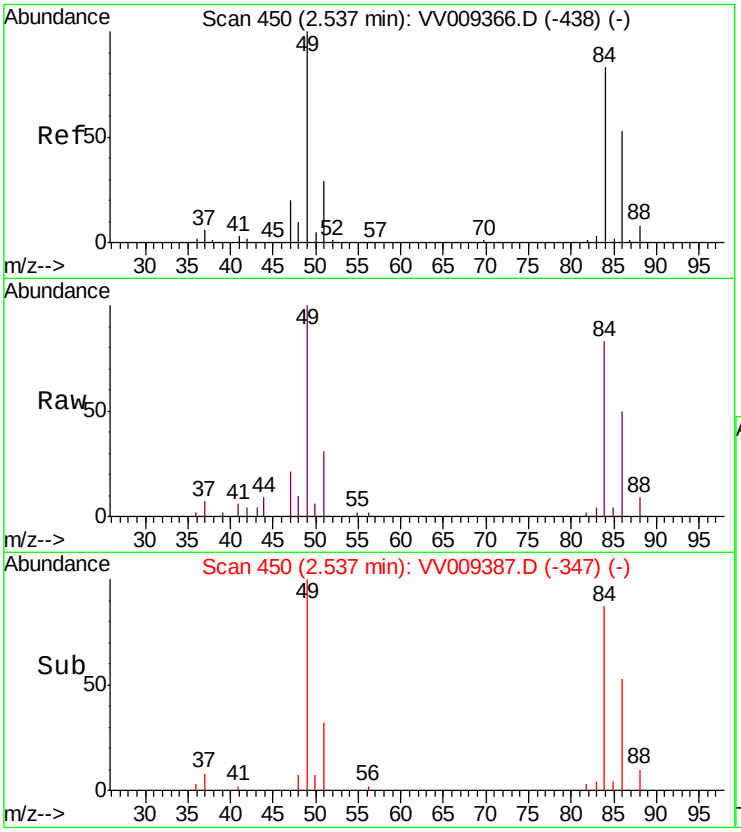


#15
Methyl Acetate
Concen: 0.789 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.01 min
Lab File: VV009387.D
Acq: 27 Feb 2019 00:20

Tgt Ion: 43 Resp: 664

Ion	Ratio	Lower	Upper
43	100		
74	12.2	21.8	32.8#



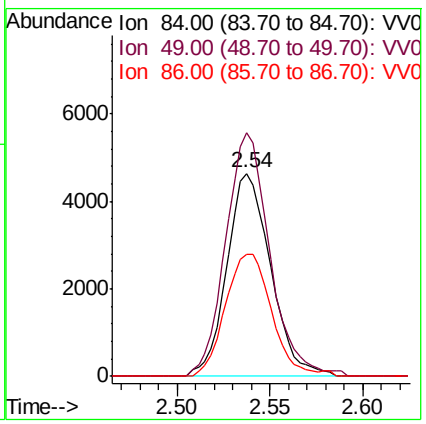


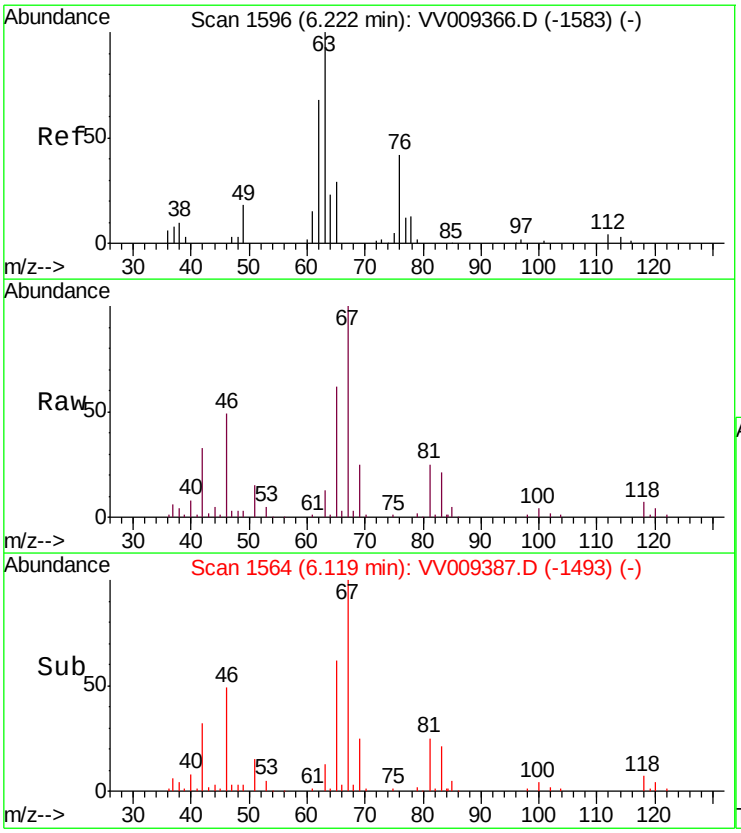
#16
Methylene chloride
Concen: 3.832 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009387.D
Acq: 27 Feb 2019 00:20

Instrument :
MSVOA_V
ClientSampleId :
BFC89

Tgt Ion: 84 Resp: 7627

Ion	Ratio	Lower	Upper
84	100		
49	119.9	84.6	157.0
86	60.4	46.1	85.7

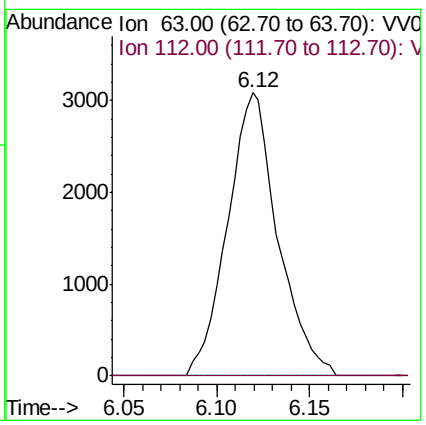


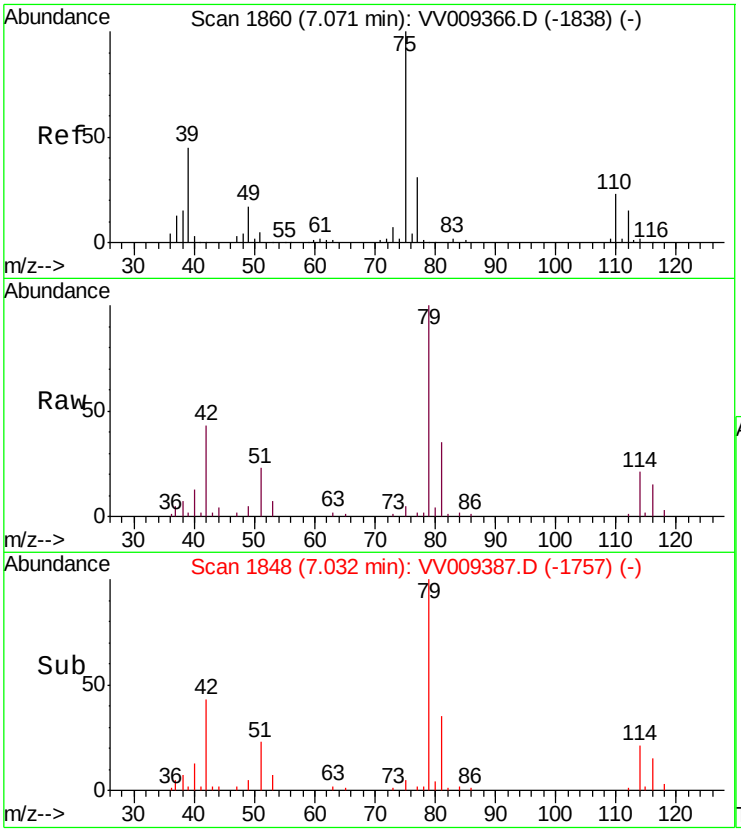


#40
1,2-Dichloropropane
Concen: 3.332 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009387.D
Acq: 27 Feb 2019 00:20

Tgt Ion: 63 Resp: 5798

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



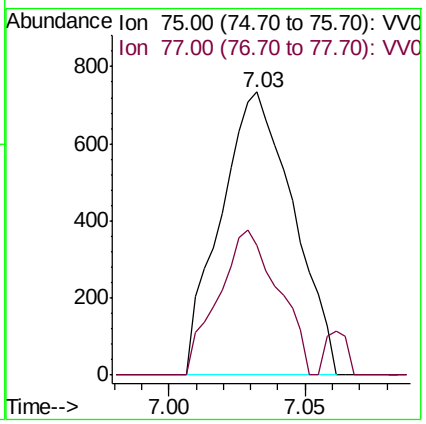


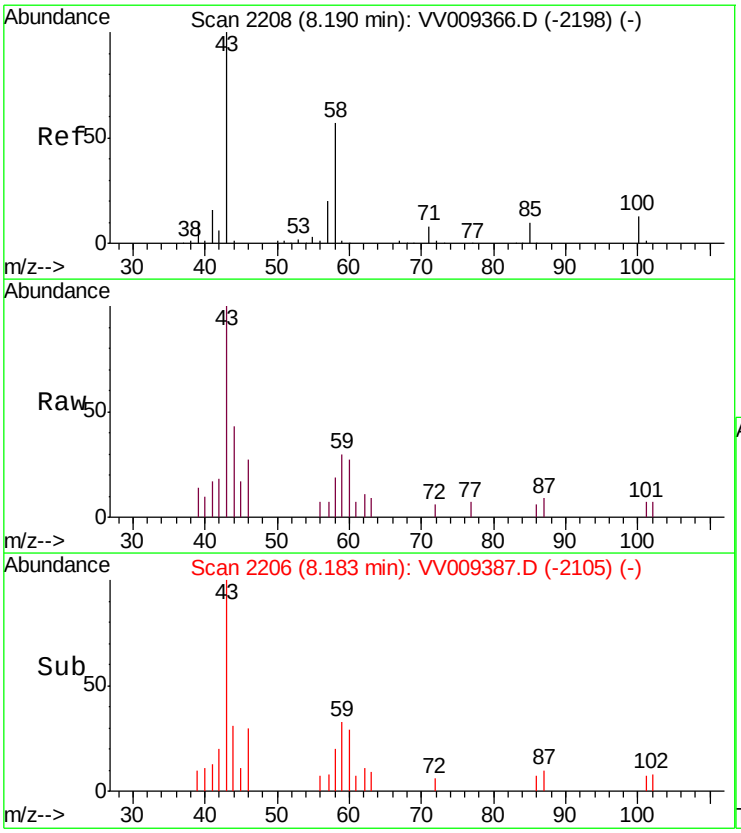
#42
cis-1,3-Dichloropropene
Concen: 0.491 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009387.D
Acq: 27 Feb 2019 00:20

Instrument : MSVOA_V
ClientSampleId : BFC89

Tgt Ion: 75 Resp: 1358

Ion	Ratio	Lower	Upper
75	100		
77	45.8	21.4	39.8#

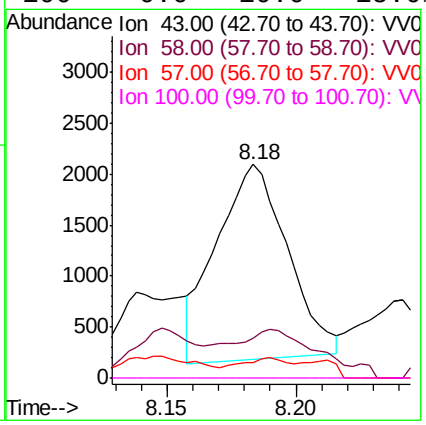


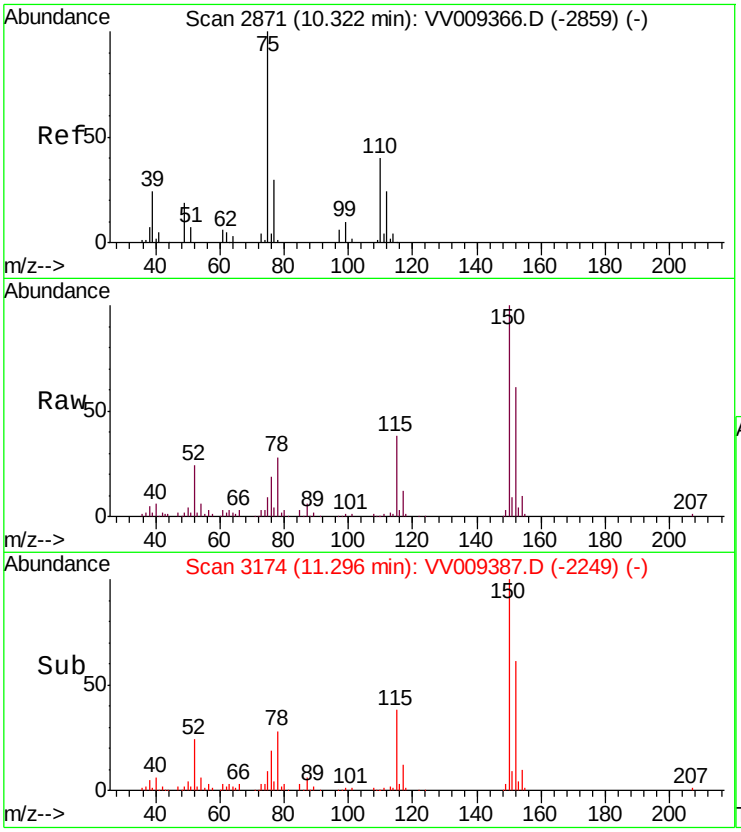


#49
2-Hexanone
Concen: 3.548 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV009387.D
Acq: 27 Feb 2019 00:20

Tgt Ion: 43 Resp: 3686

Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.3	69.5#
57	0.8	15.8	23.6#
100	0.0	10.0	15.0#





#59
1,2,3-Trichloropropane
Concen: 4.790 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009387.D
Acq: 27 Feb 2019 00:20

Instrument :
MSVOA_V
ClientSampleId :
BFC89

Tgt Ion: 75 Resp: 6669

Ion	Ratio	Lower	Upper
75	100		
77	41.8	25.9	38.9#