Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (Not Reviewed)

Data File : VV009991.D
Acq On : 29 Mar 2019 03:33
Operator : SY/MD
Sample : K2120-02
Misc : 5.94G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C5

Quant Time: Mar 29 04:25:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127367	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41196	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	61149	23.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.64%			
7) Chloroethane-d5	1.56	69	69401	24.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.44%			
10) 1,1-Dichloroethene-d2	2.12	63	65236	9.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 36.92%#			
20) 2-Butanone-d5	3.92	46	22889	47.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.04%			
24) Chloroform-d	4.39	84	82834	25.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.12%			
26) 1,2-Dichloroethane-d4	5.07	65	56633	29.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.00%			
29) Benzene-d6	5.09	84	173820	27.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.28%			
33) 1,2-Dichloropropane-d6	6.11	67	53243	29.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.52%			
37) Toluene-d8	7.36	98	146502	24.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.12%			
38) trans-1,3-Dichloropropene-	7.66	79	17035	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.12%			
39) 2-Hexanone-d5	8.13	63	15624	45.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.60%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44411	24.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.16%			
61) 1,2-Dichlorobenzene-d4	11.67	152	40693	25.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.76%			

Target Compounds						Qvalue
13) Acetone	2.19	43	2544	3.489	ug/L	97
16) Methylene chloride	2.53	84	7720	3.681	ug/L	98
25) Chloroform	4.42	83	5790	1.716	ug/L	92
42) cis-1,3-Dichloropropene	7.03	75	1515	0.637	ug/L #	79
45) trans-1,3-Dichloropropene	7.66	75	1224	0.628	ug/L	89
49) 2-Hexanone	8.17	43	1118	1.420	ug/L #	63
59) 1,2,3-Trichloropropane	11.30	75	6184	4.709	ug/L #	83

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (Not Reviewed)

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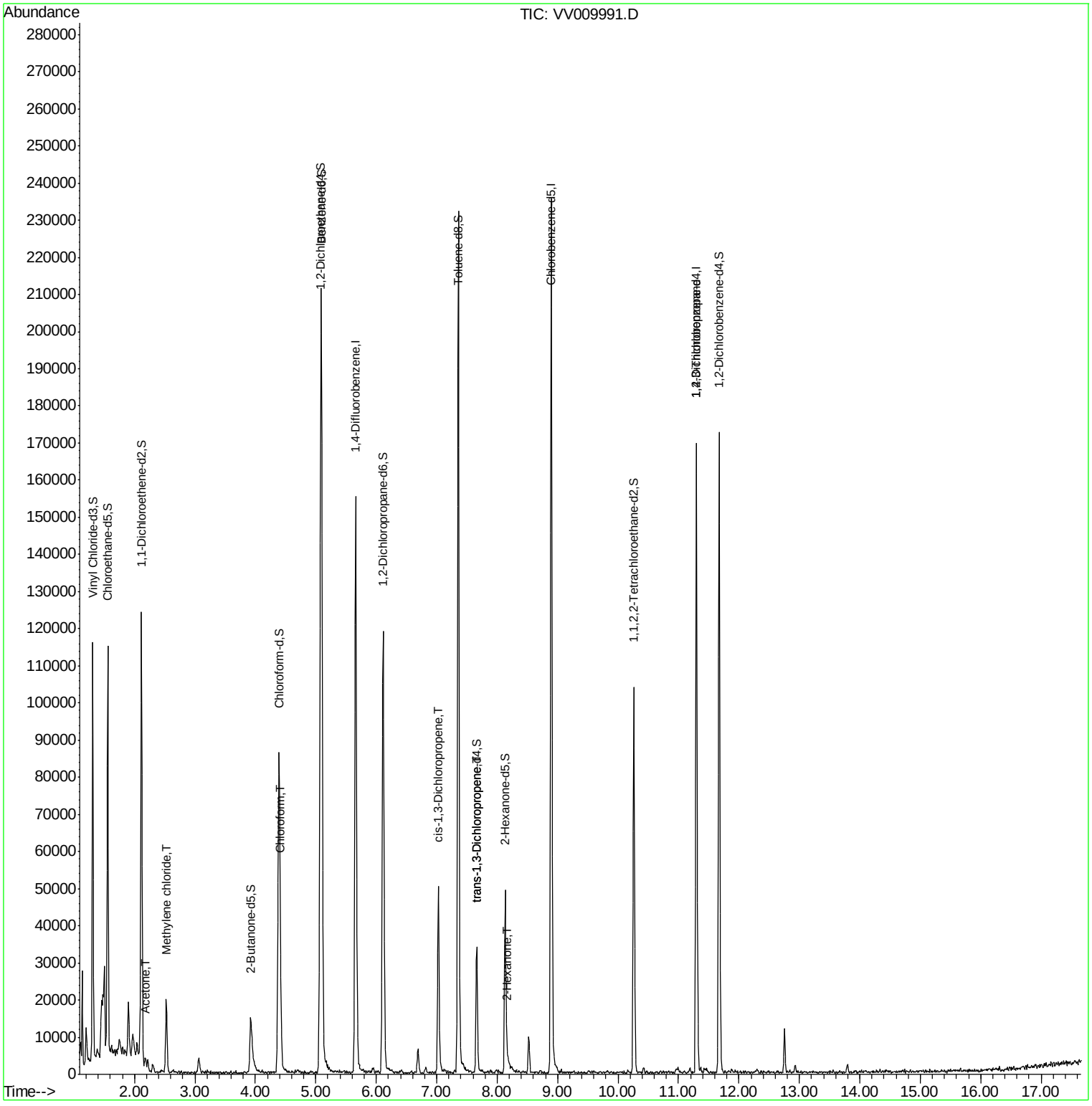
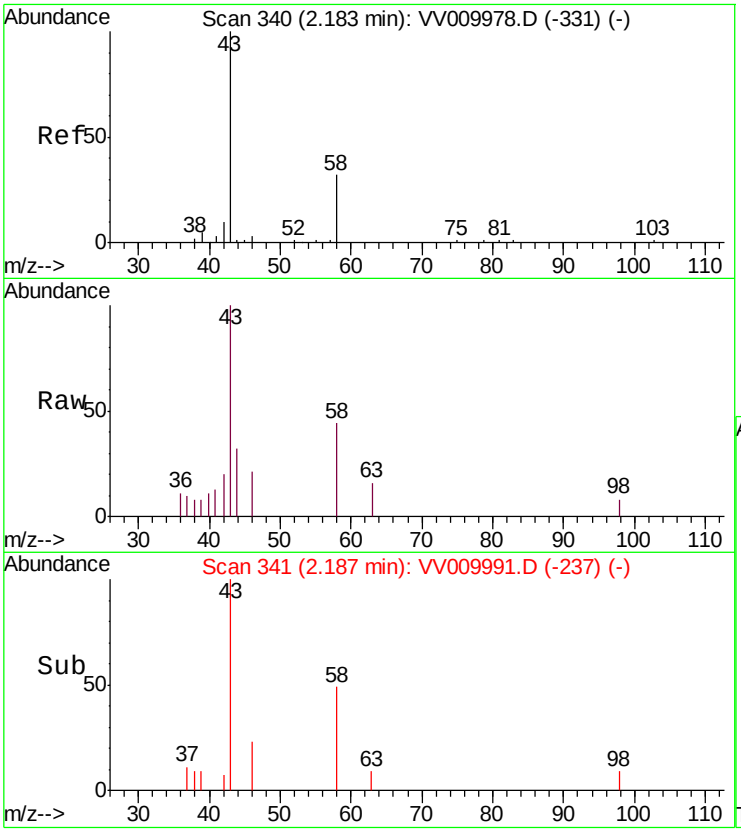
Acq On : 29 Mar 2019 03:33
Operator : SY/MD
Sample : K2120-02
Misc : 5.94G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C5

Quant Time: Mar 29 04:25:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration



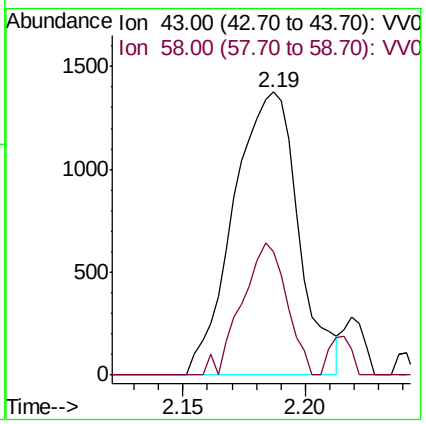


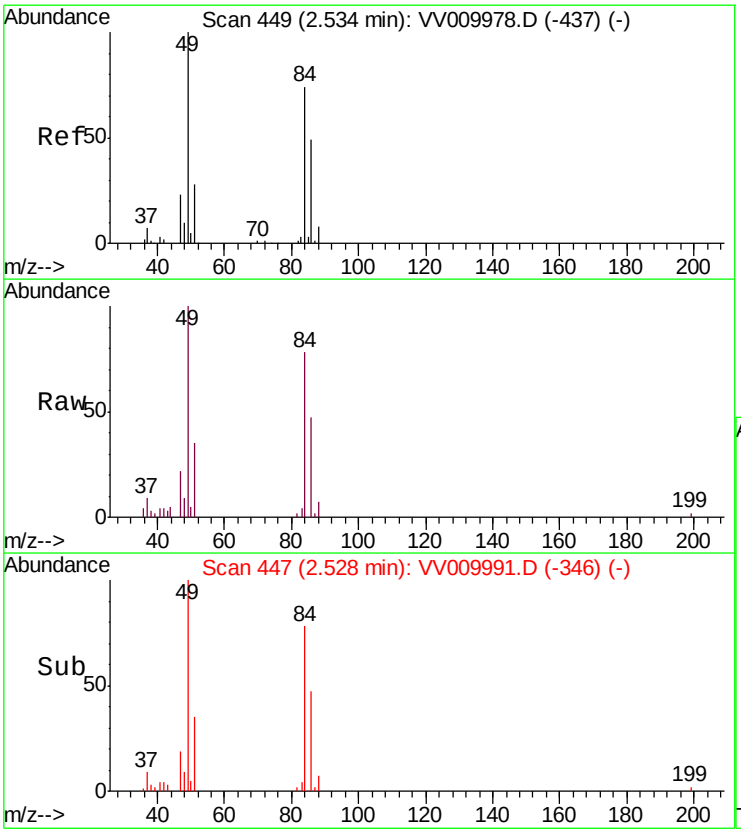
#13
Acetone
Concen: 3.489 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV009991.D
Acq: 29 Mar 2019 03:33

Instrument :
MSVOA_V
ClientSampleId :
BF5C5

Tgt Ion: 43 Resp: 2544

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	59.4

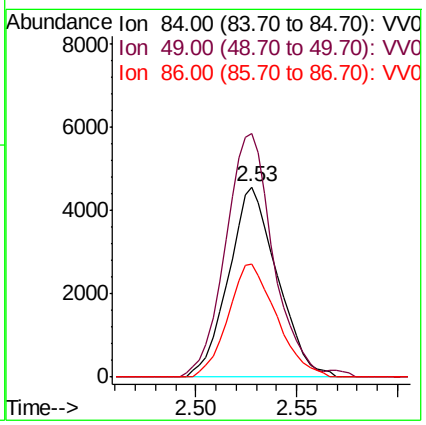


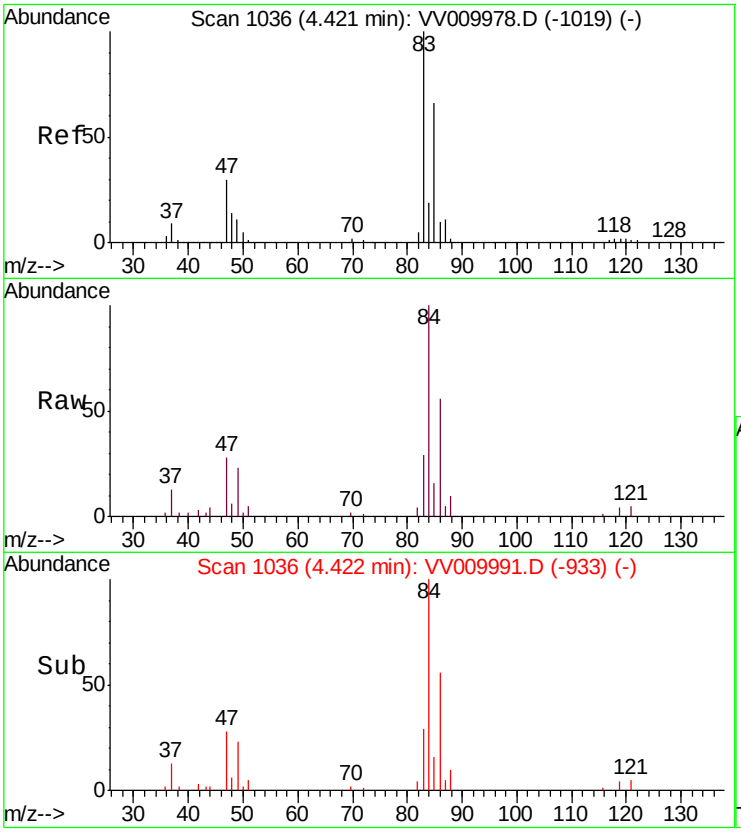


#16
Methylene chloride
Concen: 3.681 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV009991.D
Acq: 29 Mar 2019 03:33

Tgt Ion: 84 Resp: 7720

Ion	Ratio	Lower	Upper
84	100		
49	128.0	90.4	167.8
86	59.8	44.0	81.6



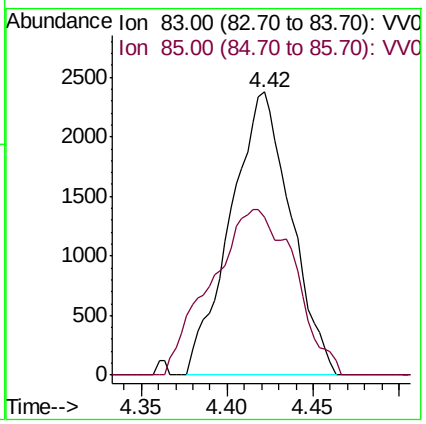


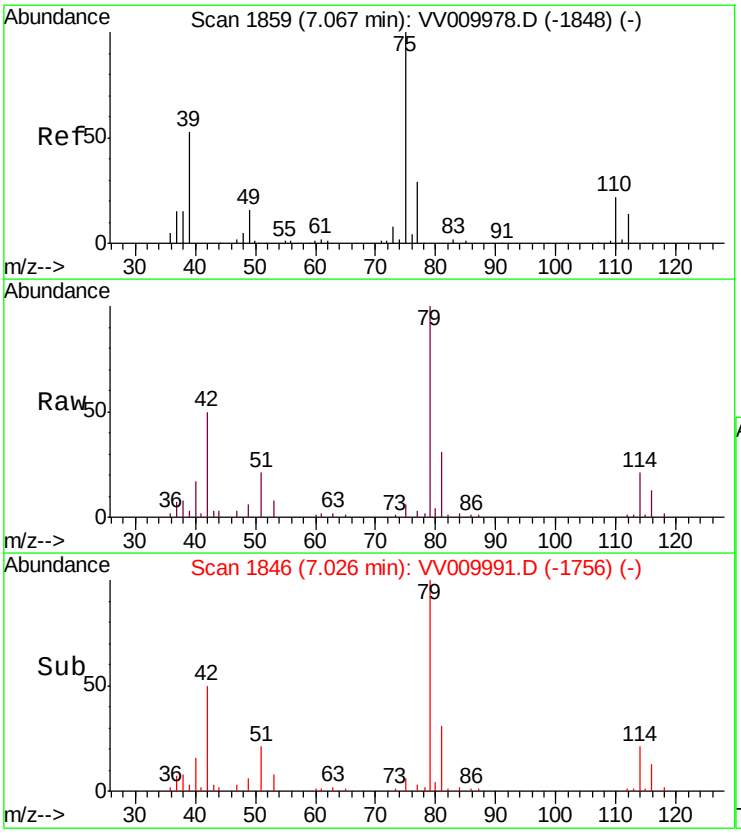
#25
Chloroform
Concen: 1.716 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV009991.D
Acq: 29 Mar 2019 03:33

Instrument :
MSVOA_V
ClientSampleId :
BF5C5

Tgt Ion: 83 Resp: 5790

Ion	Ratio	Lower	Upper
83	100		
85	59.8	46.1	85.7

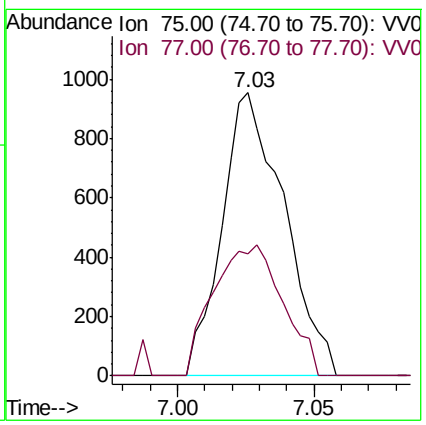


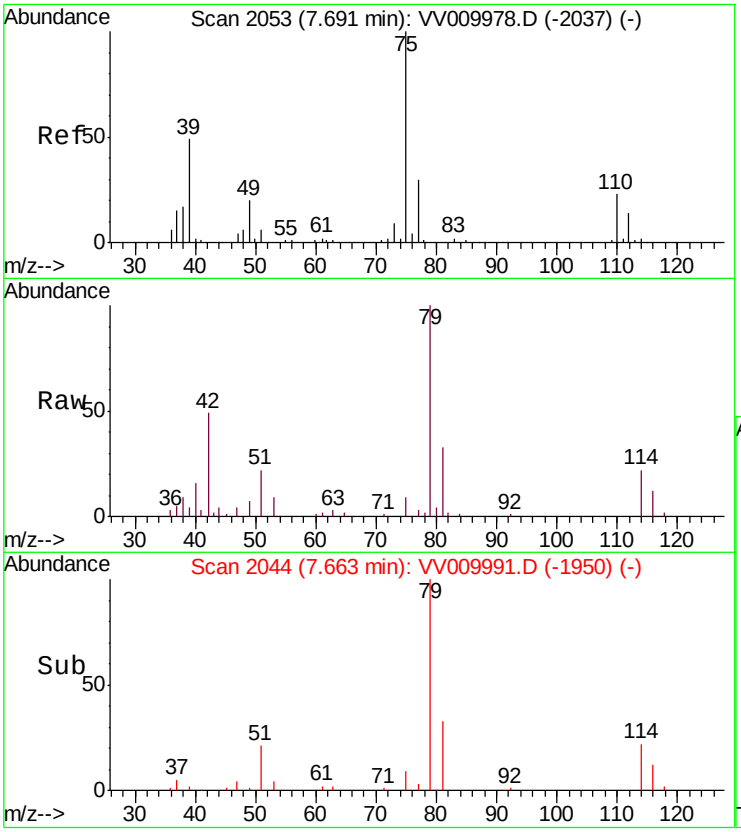


#42
cis-1,3-Dichloropropene
Concen: 0.637 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009991.D
Acq: 29 Mar 2019 03:33

Tgt Ion: 75 Resp: 1515

Ion	Ratio	Lower	Upper
75	100		
77	43.0	21.8	40.6#



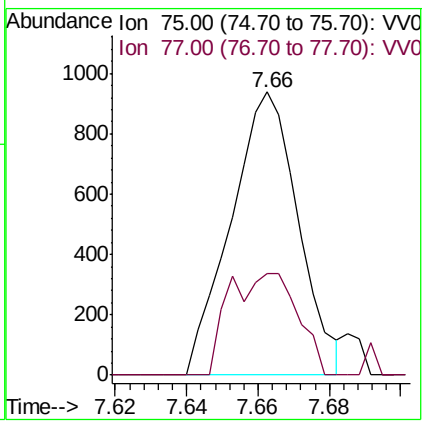


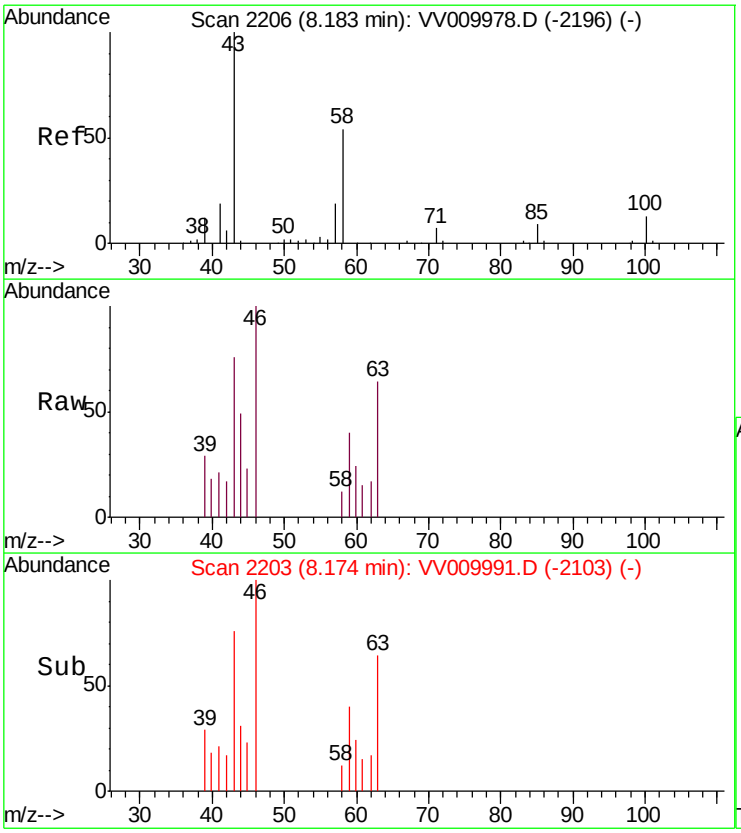
#45
trans-1,3-Dichloropropene
Concen: 0.628 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009991.D
Acq: 29 Mar 2019 03:33

Instrument :
MSVOA_V
ClientSampleId :
BF5C5

Tgt Ion: 75 Resp: 1224

Ion	Ratio	Lower	Upper
75	100		
77	35.7	20.7	38.5

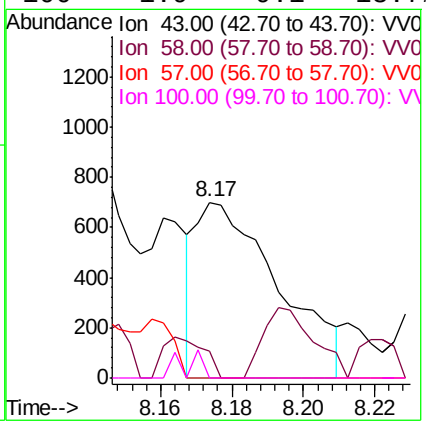


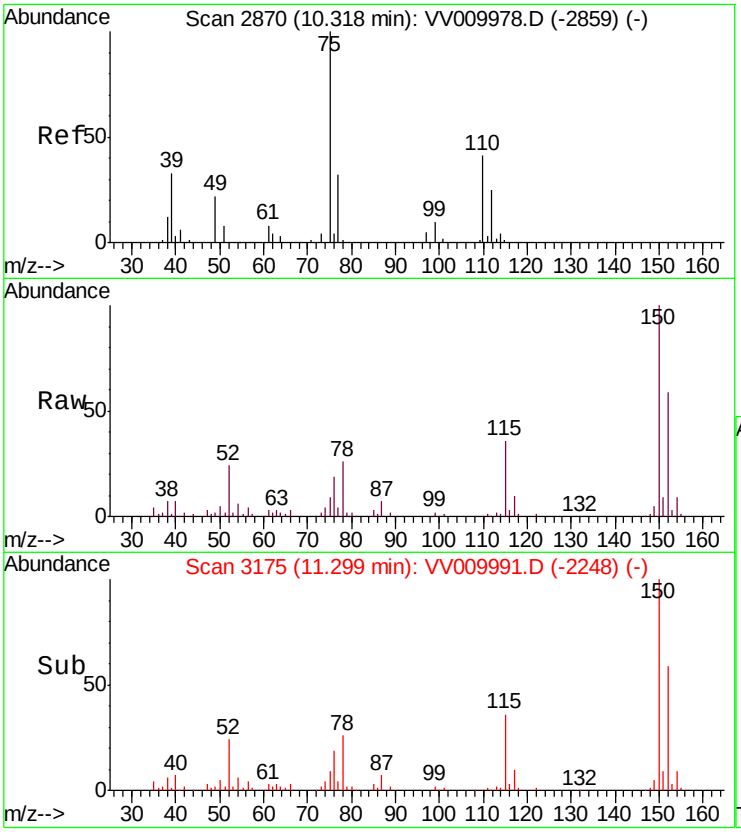


#49
2-Hexanone
Concen: 1.420 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV009991.D
Acq: 29 Mar 2019 03:33

Tgt Ion: 43 Resp: 1118

Ion	Ratio	Lower	Upper
43	100		
58	24.5	42.0	63.0#
57	0.0	12.9	19.3#
100	1.9	9.1	13.7#





#59
1,2,3-Trichloropropane
Concen: 4.709 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009991.D
Acq: 29 Mar 2019 03:33

Instrument :
MSVOA_V
ClientSampleId :
BF5C5

Tgt Ion: 75 Resp: 6184

Ion	Ratio	Lower	Upper
75	100		
77	42.4	26.2	39.2#