Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
Data File : VV009546.D
Acq On : 08 Mar 2019 18:31
Operator : SY/MD
Sample : K1736-09
Misc : 5.64G/10ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF625

Quant Time: Mar 09 01:27:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 09 01:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	145088	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132648	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50607	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34108	19.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.12%			
7) Chloroethane-d5	1.57	69	38433	15.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.88%			
10) 1,1-Dichloroethene-d2	2.13	63	73894	16.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.04%			
20) 2-Butanone-d5	3.94	46	18693	31.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.82%			
24) Chloroform-d	4.40	84	83792	24.24	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.96%			
26) 1,2-Dichloroethane-d4	5.08	65	50592	25.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.92%			
29) Benzene-d6	5.10	84	168789	25.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.76%			
33) 1,2-Dichloropropane-d6	6.12	67	53634	27.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.64%			
37) Toluene-d8	7.36	98	158738	24.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.12%			
38) trans-1,3-Dichloropropene-	7.66	79	19437	20.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.76%			
39) 2-Hexanone-d5	8.13	63	15854	35.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43586	21.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.40%			
61) 1,2-Dichlorobenzene-d4	11.68	152	46864	25.37	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.48%			

Target Compounds						Qvalue
13) Acetone	2.19	43	777	1.284	ug/L	85
16) Methylene chloride	2.54	84	2947	1.548	ug/L	94
25) Chloroform	4.42	83	1974	0.579	ug/L #	49
35) Trichloroethene	5.66	95	4522	2.296	ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1800	0.656	ug/L #	81
45) trans-1,3-Dichloropropene	7.66	75	1222	0.510	ug/L	96
49) 2-Hexanone	8.17	43	1951	1.852	ug/L #	44
59) 1,2,3-Trichloropropane	11.30	75	7297	4.883	ug/L #	87

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

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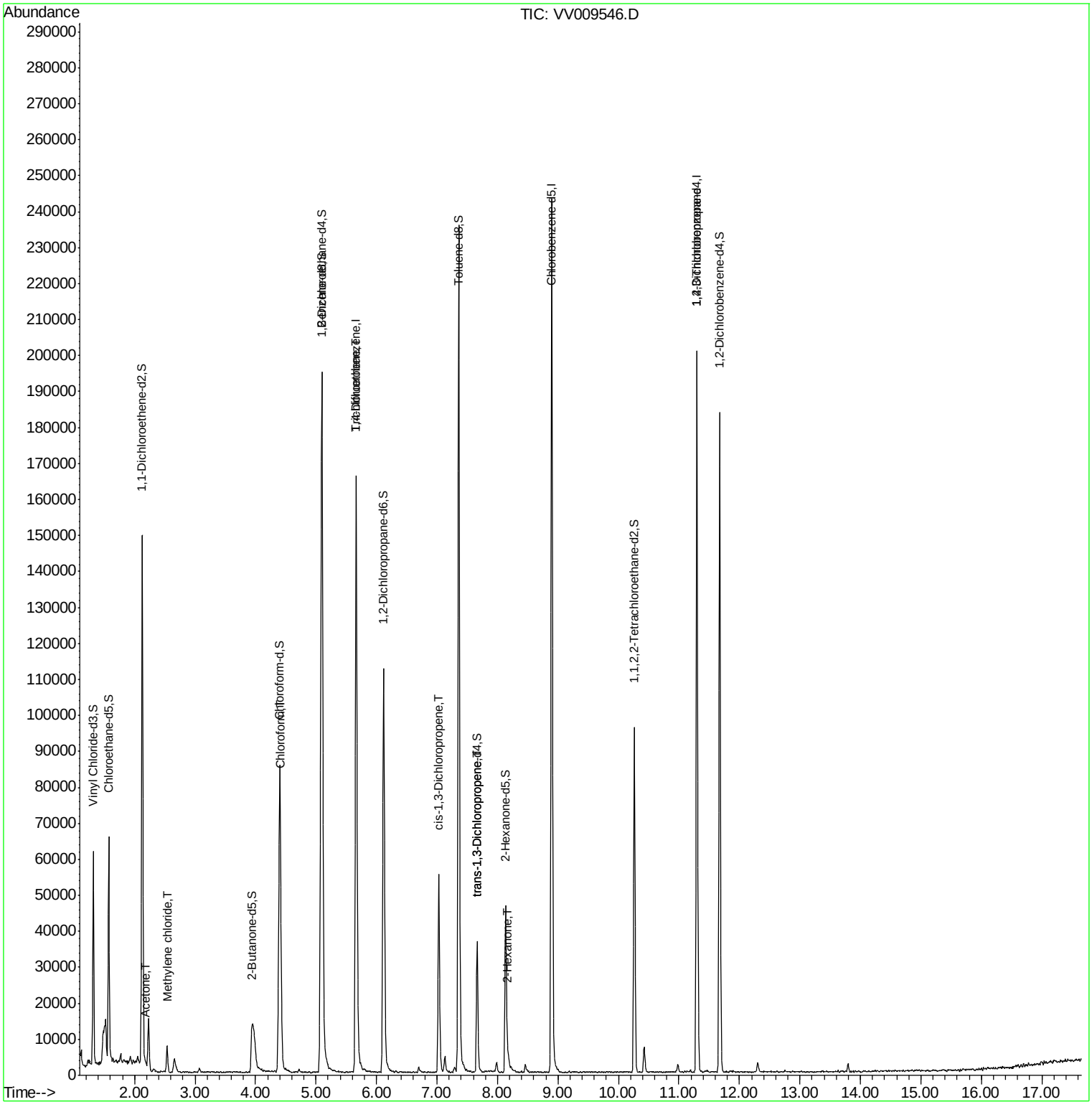
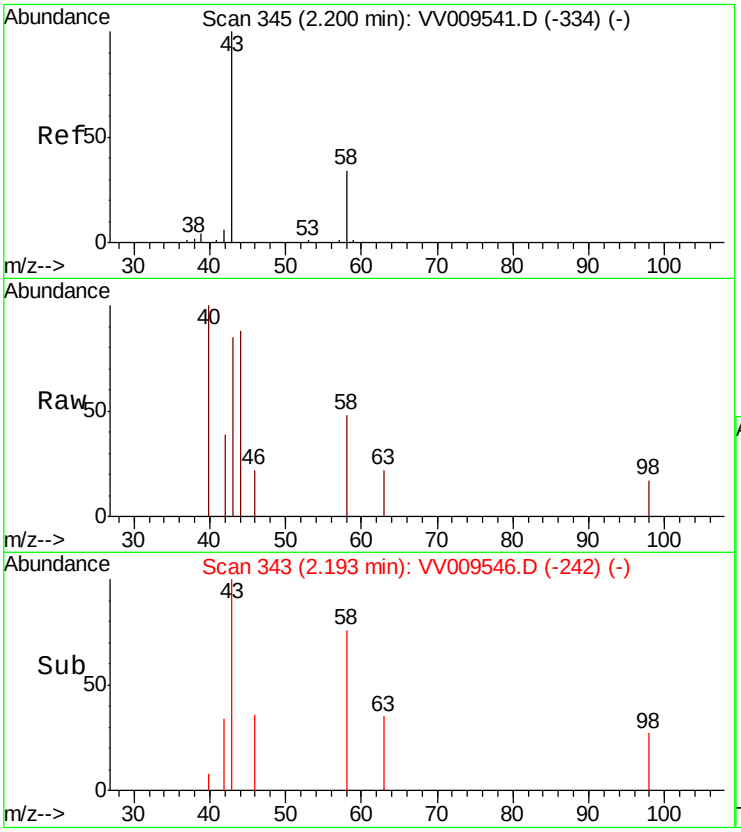
Instrument :
MSVOA_V
ClientSampleId :
BF625

Quant Time: Mar 09 01:27:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 09 01:24:39 2019
Response via : Initial Calibration



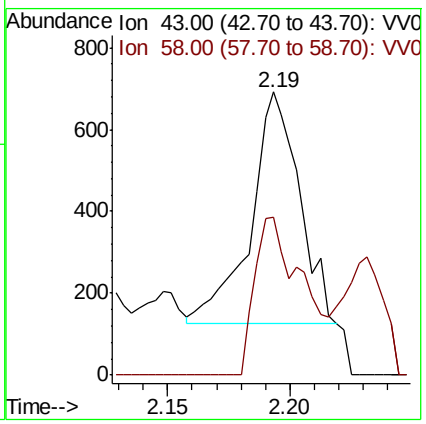


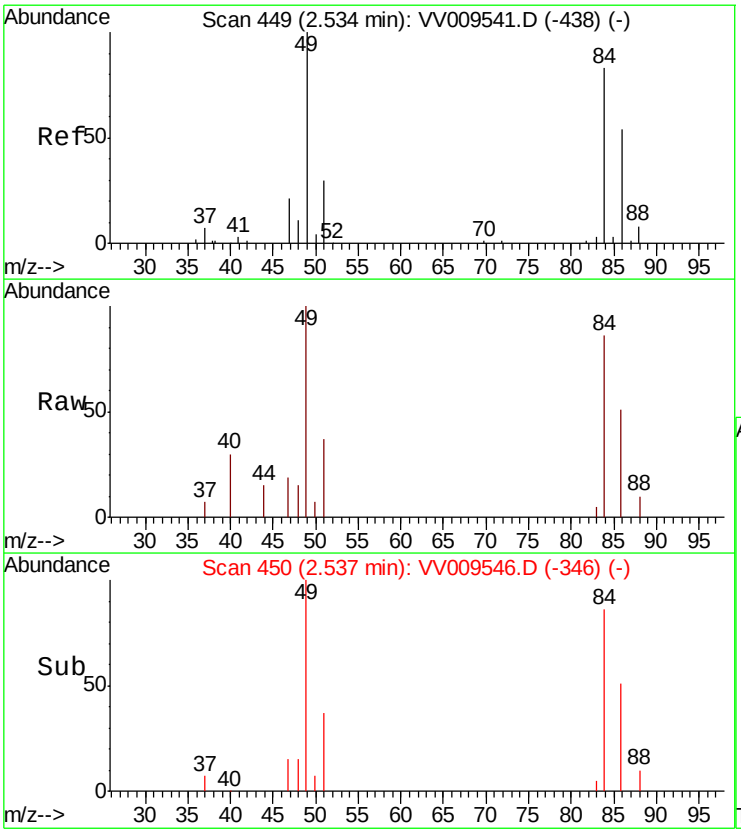
#13
Acetone
Concen: 1.284 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.01 min
Lab File: VV009546.D
Acq: 08 Mar 2019 18:31

Instrument : MSVOA_V
ClientSampleId : BF625

Tgt Ion: 43 Resp: 777

Ion	Ratio	Lower	Upper
43	100		
58	43.0	0.0	68.8

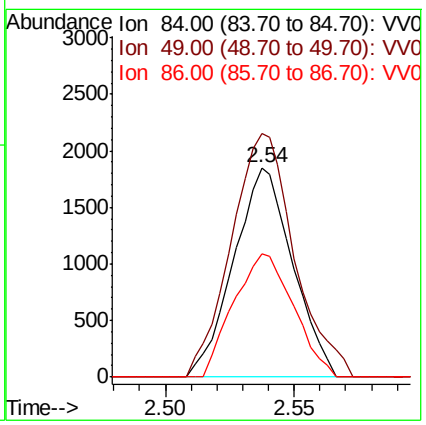


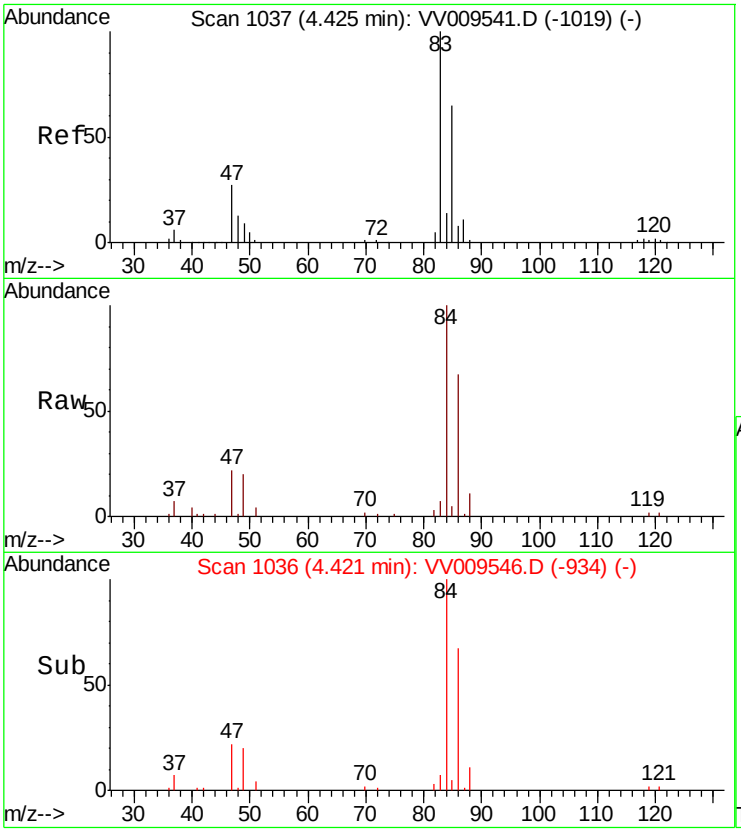


#16
Methylene chloride
Concen: 1.548 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009546.D
Acq: 08 Mar 2019 18:31

Tgt Ion: 84 Resp: 2947

Ion	Ratio	Lower	Upper
84	100		
49	116.2	84.6	157.0
86	58.9	46.1	85.7



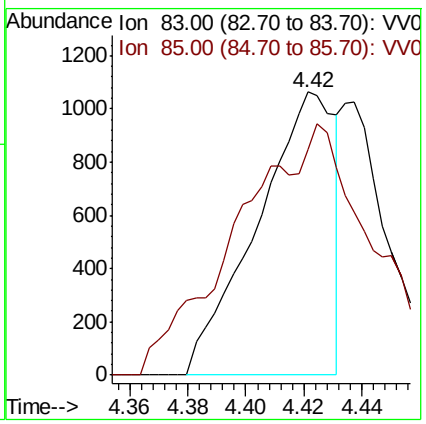


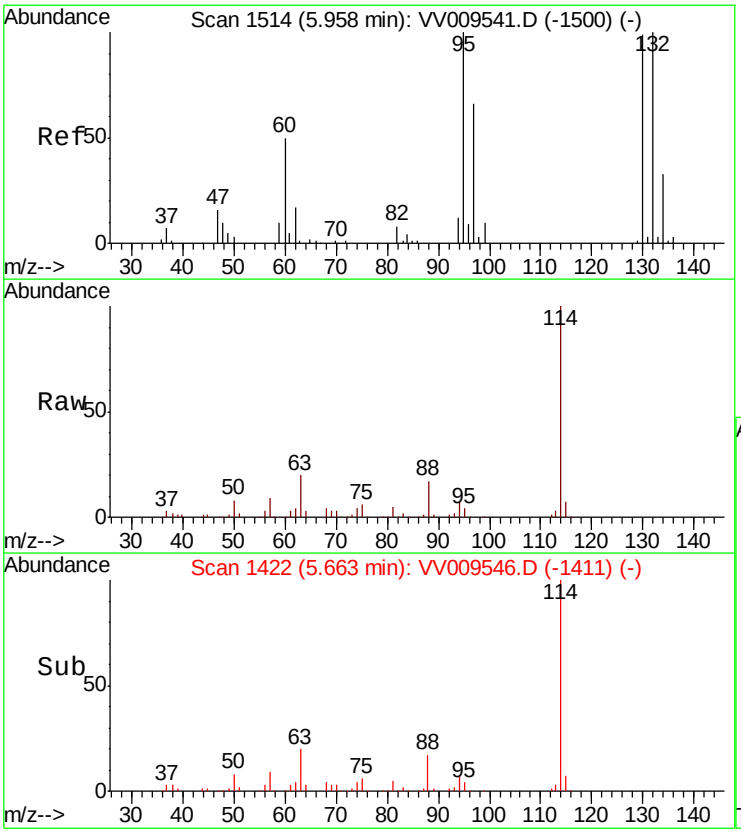
#25
Chloroform
Concen: 0.579 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009546.D
Acq: 08 Mar 2019 18:31

Instrument :
MSVOA_V
ClientSampleId :
BF625

Tgt Ion: 83 Resp: 1974

Ion	Ratio	Lower	Upper
83	100		
85	24.9	45.4	84.2#

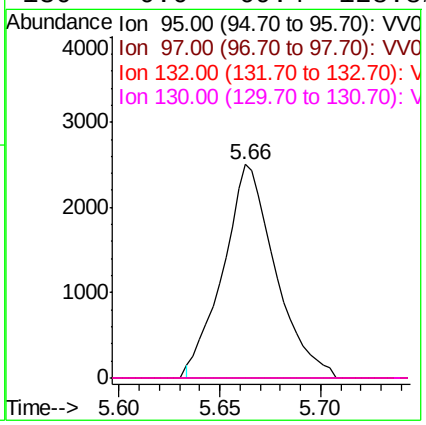


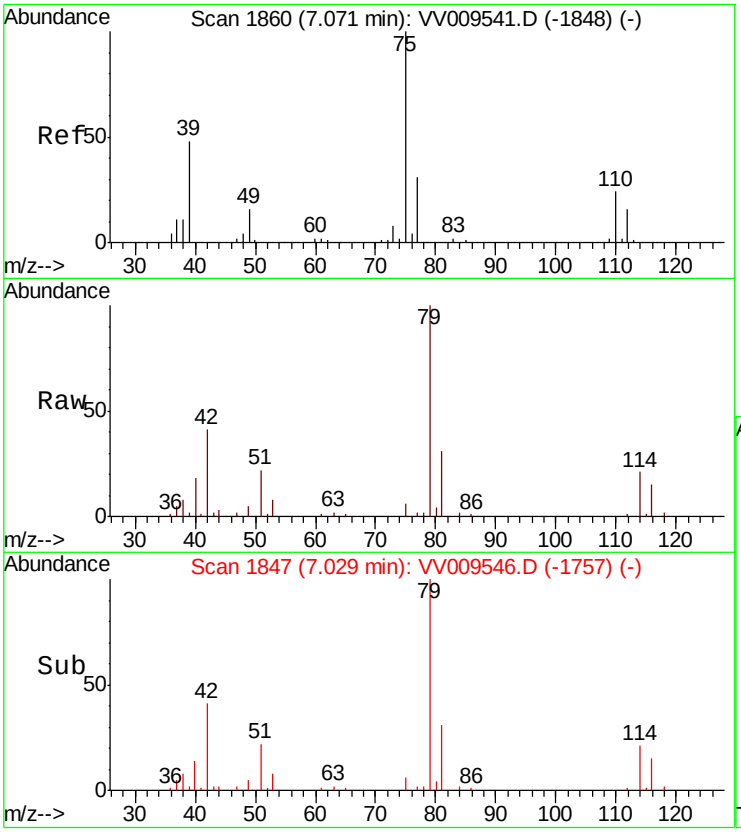


#35
Trichloroethene
Concen: 2.296 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009546.D
Acq: 08 Mar 2019 18:31

Tgt Ion: 95 Resp: 4522

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#



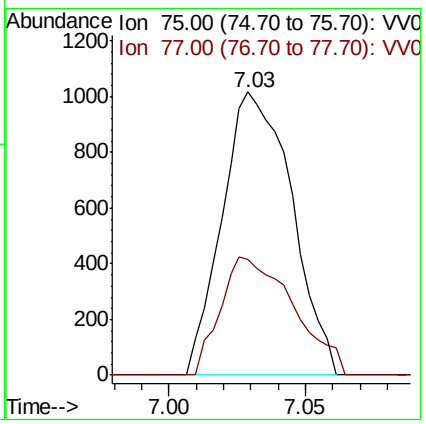


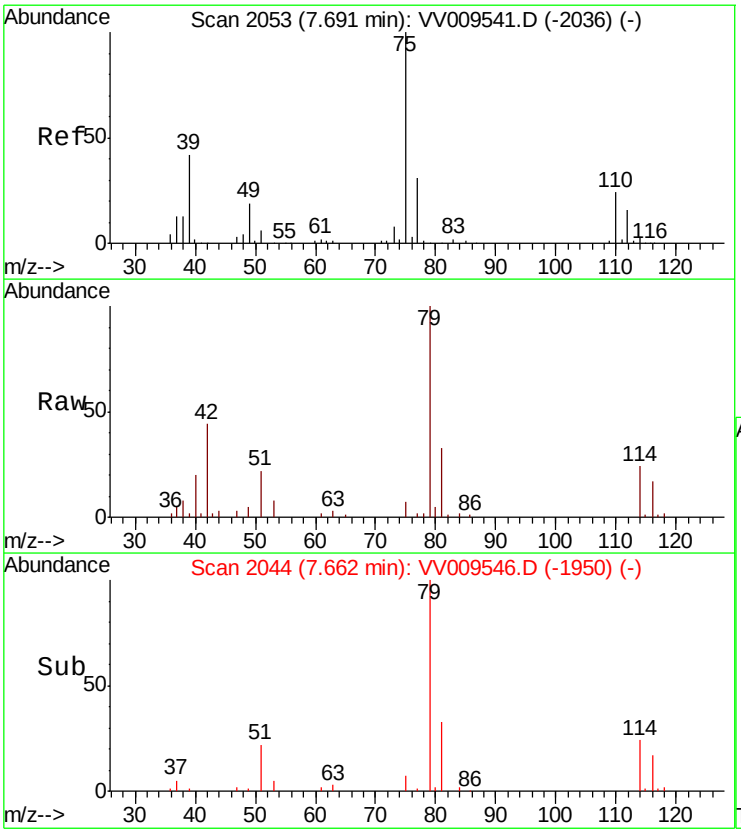
#42
cis-1,3-Dichloropropene
Concen: 0.656 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009546.D
Acq: 08 Mar 2019 18:31

Instrument :
MSVOA_V
ClientSampleId :
BF625

Tgt Ion: 75 Resp: 1800

Ion	Ratio	Lower	Upper
75	100		
77	40.7	21.4	39.8#

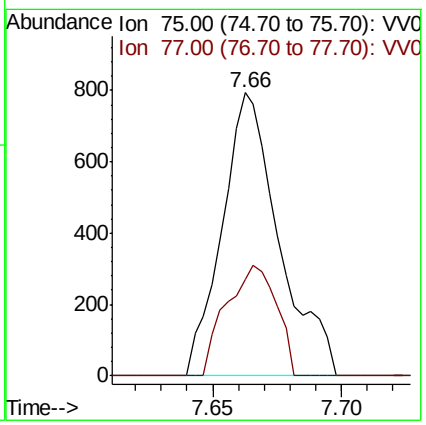


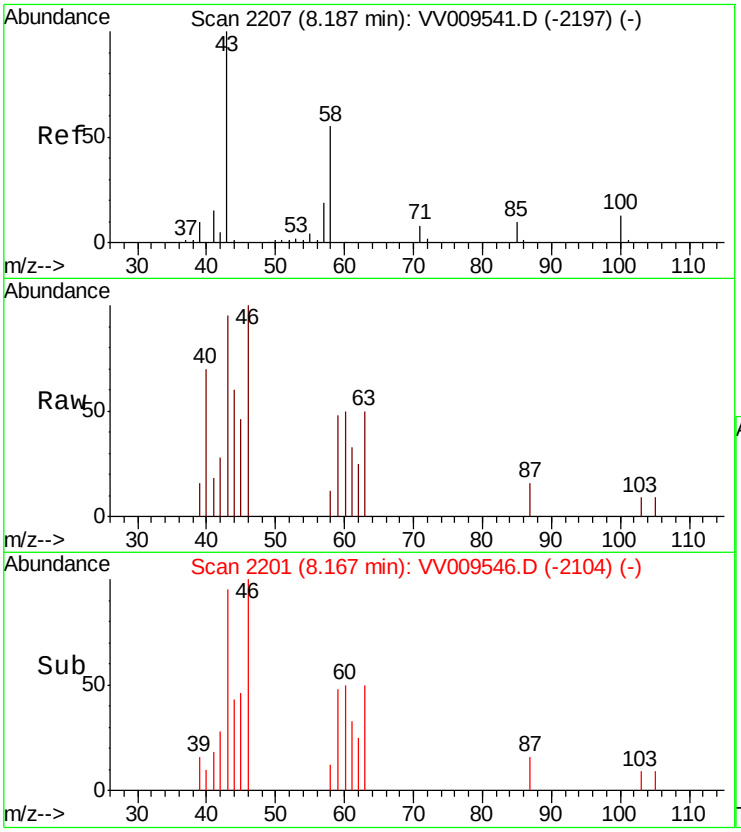


#45
trans-1,3-Dichloropropene
Concen: 0.510 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009546.D
Acq: 08 Mar 2019 18:31

Tgt Ion: 75 Resp: 1222

Ion	Ratio	Lower	Upper
75	100		
77	34.3	22.5	41.7



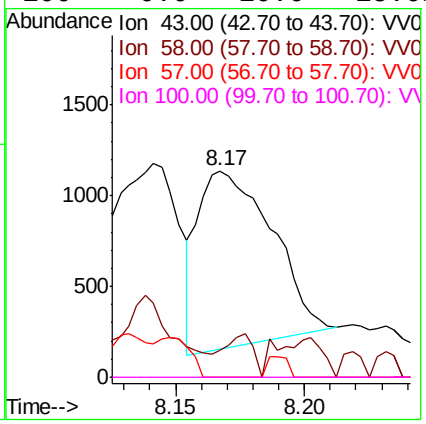


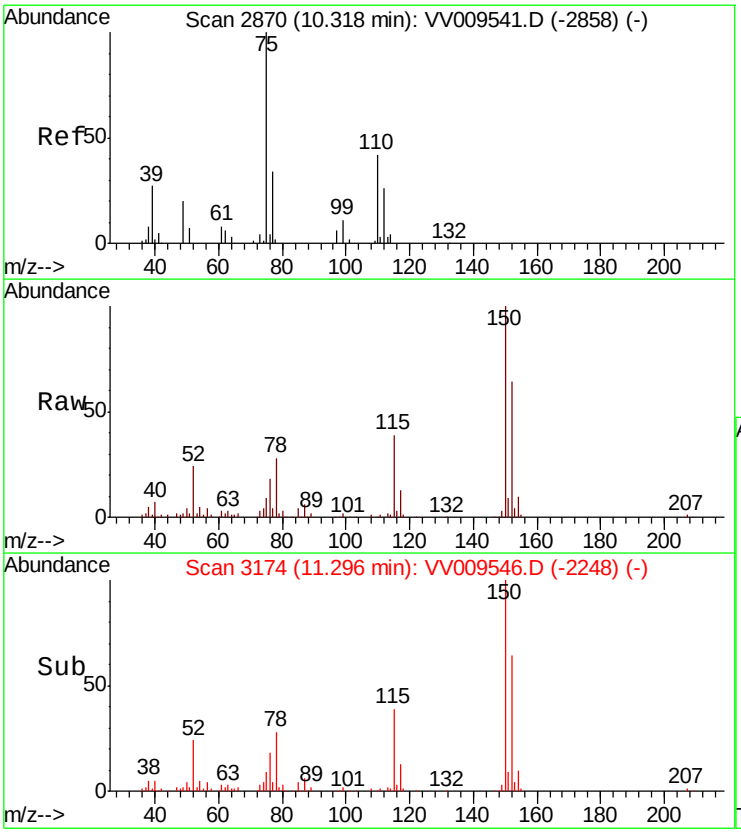
#49
2-Hexanone
Concen: 1.852 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV009546.D
Acq: 08 Mar 2019 18:31

Instrument : MSVOA_V
ClientSampleId : BF625

Tgt Ion: 43 Resp: 1951

Ion	Ratio	Lower	Upper
43	100		
58	9.4	46.3	69.5#
57	0.0	15.8	23.6#
100	0.0	10.0	15.0#





#59
1,2,3-Trichloropropane
Concen: 4.883 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009546.D
Acq: 08 Mar 2019 18:31

Tgt Ion: 75 Resp: 7297

Ion	Ratio	Lower	Upper
75	100		
77	39.6	25.9	38.9#