Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010269.D
Acq On : 12 Apr 2019 04:05
Operator : SY/MD
Sample : K2328-01
Misc : 5.57G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 12 06:02:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	36472	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	30843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	9296	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	6472	15.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.68%			
7) Chloroethane-d5	1.58	69	7419	20.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.24%			
10) 1,1-Dichloroethene-d2	2.13	63	10691	10.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 40.00%#			
20) 2-Butanone-d5	3.94	46	7292	68.63	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 137.26%#			
24) Chloroform-d	4.40	84	21171	25.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.68%			
26) 1,2-Dichloroethane-d4	5.08	65	13408	28.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.04%			
29) Benzene-d6	5.10	84	39590	26.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.48%			
33) 1,2-Dichloropropane-d6	6.12	67	12695	28.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.80%			
37) Toluene-d8	7.36	98	30862	21.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.12%			
38) trans-1,3-Dichloropropene-	7.67	79	4083	22.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.56%			
39) 2-Hexanone-d5	8.14	63	2147	28.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.20%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	10834	27.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.16%			
61) 1,2-Dichlorobenzene-d4	11.68	152	8204	23.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
6) Bromomethane	1.54	94	422	1.010	ug/L	97
13) Acetone	2.19	43	2760	24.313	ug/L	97
16) Methylene chloride	2.53	84	1621	2.269	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	1244	2.501	ug/L	93
35) Trichloroethene	5.96	95	3917	8.671	ug/L	97
36) Methylcyclohexane	6.11	83	1619	2.398	ug/L #	29
50) Dibromochloromethane	8.02	129	361	0.909	ug/L #	12
59) 1,2,3-Trichloropropane	11.31	75	1115	3.777	ug/L	89

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

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QLast Update : Fri Apr 12 04:45:26 2019
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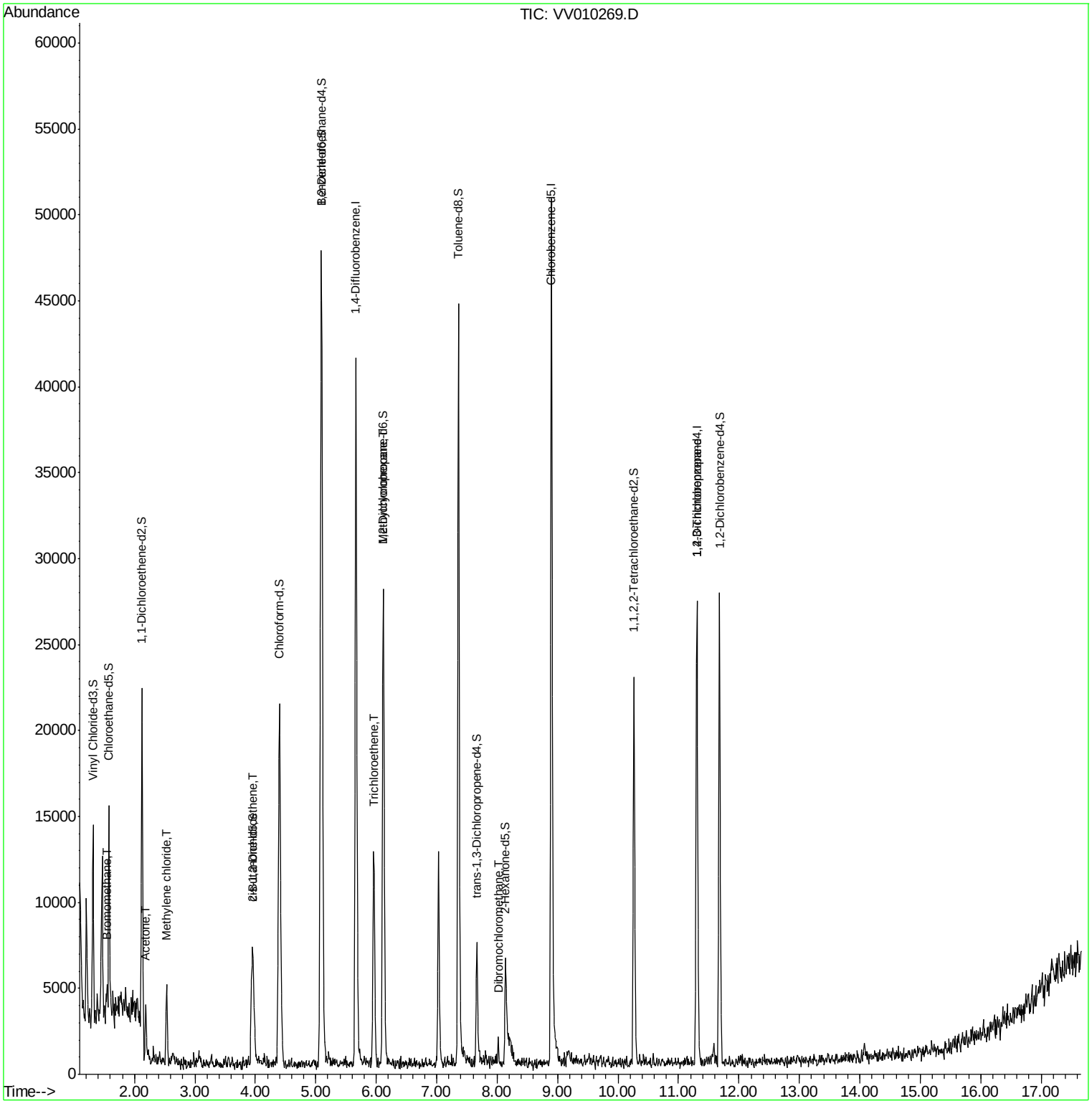
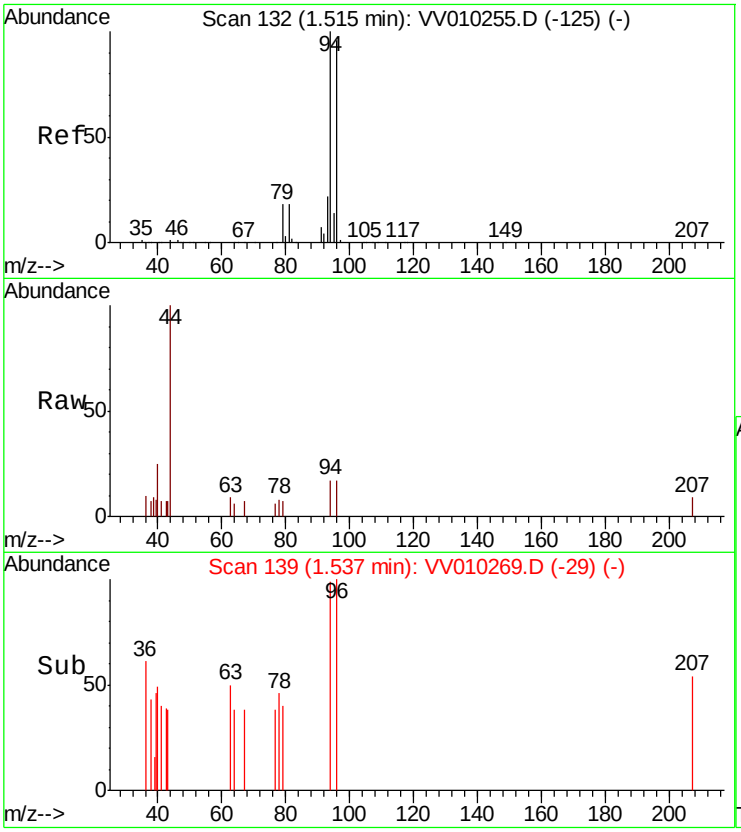


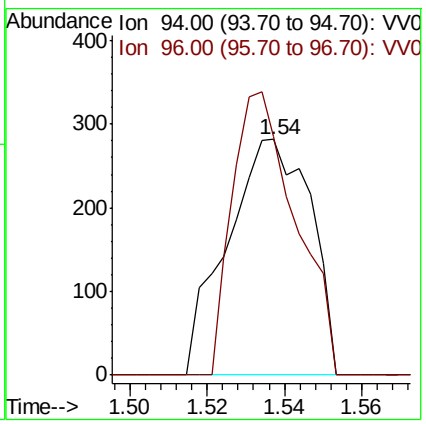


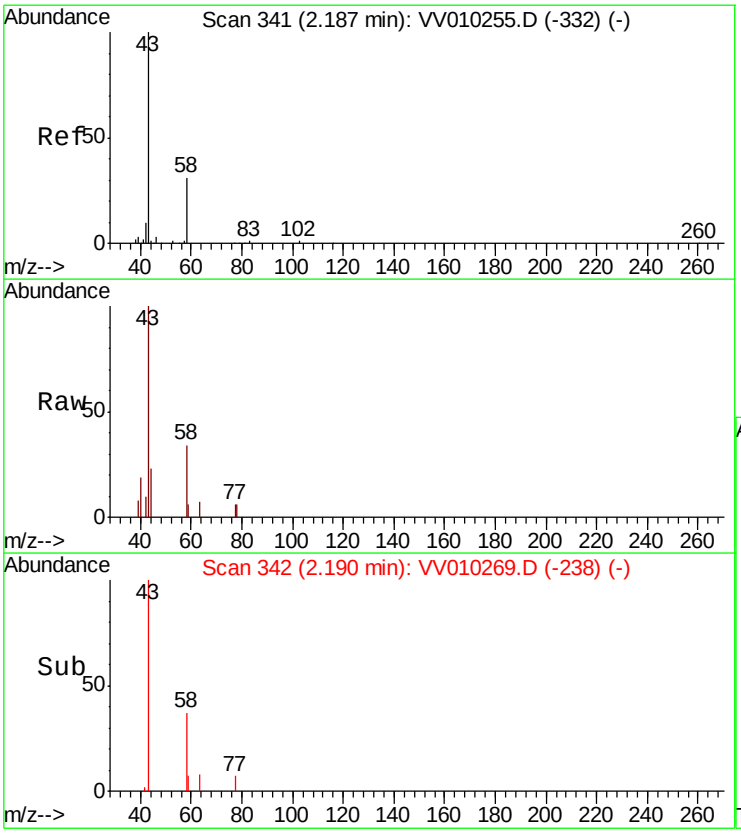
#6
Bromomethane
Concen: 1.010 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.02 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 422

Ion	Ratio	Lower	Upper
94	100		
96	91.2	9.4	179.0

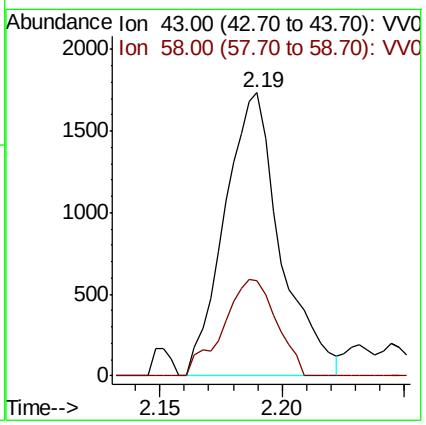


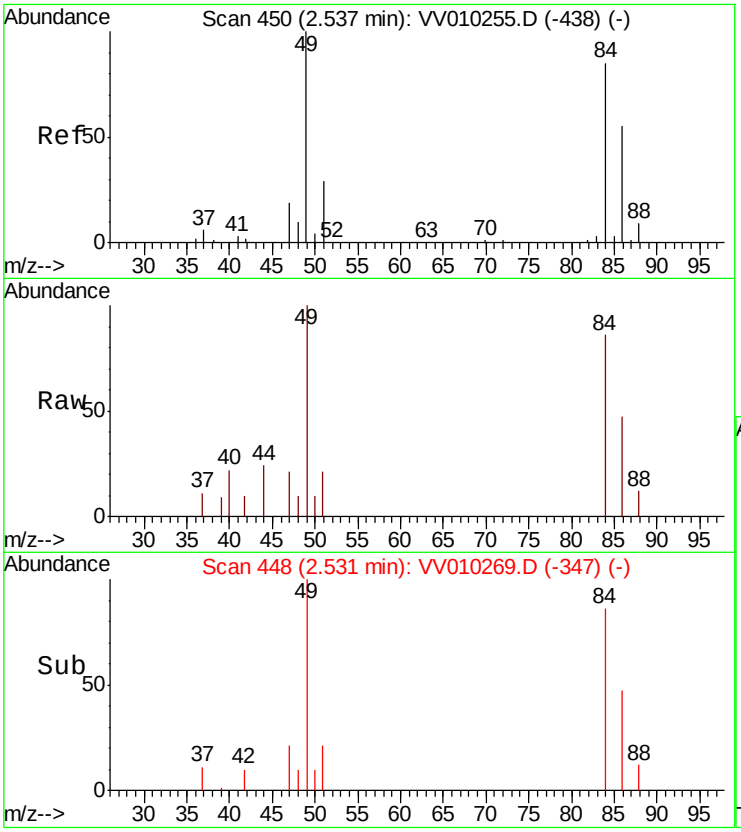


#13
Acetone
Concen: 24.313 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Tgt Ion: 43 Resp: 2760

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	61.6



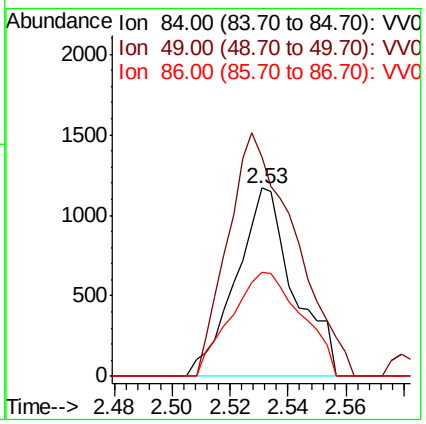


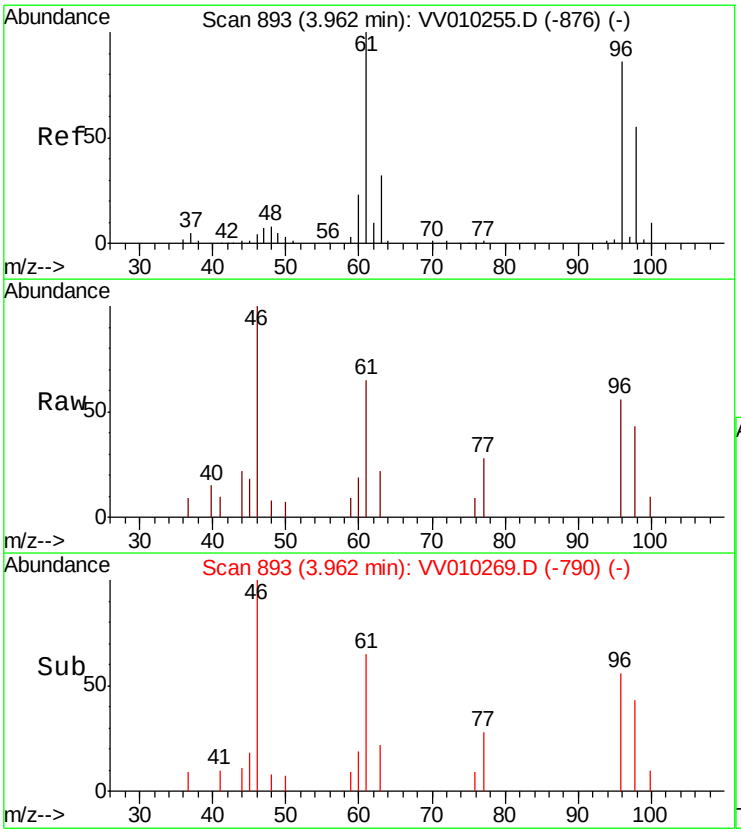
#16
Methylene chloride
Concen: 2.269 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1621

Ion	Ratio	Lower	Upper
84	100		
49	116.7	79.9	148.5
86	55.1	44.5	82.7

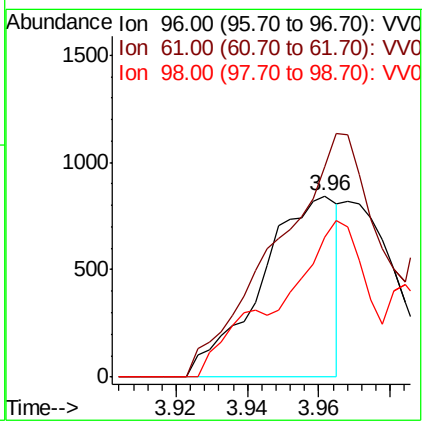


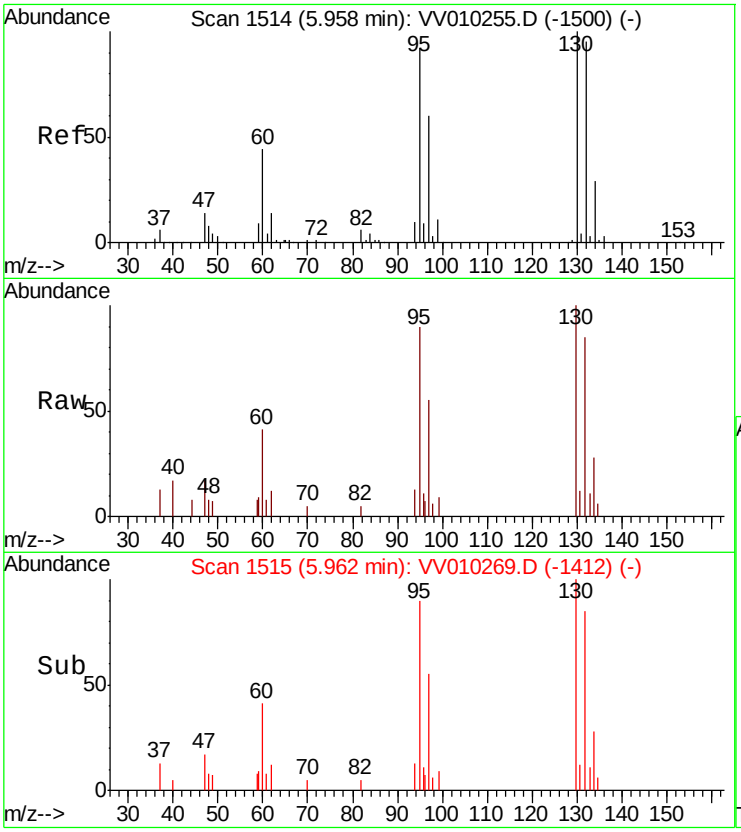


#22
cis-1,2-Dichloroethene
Concen: 2.501 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Tgt Ion: 96 Resp: 1244

Ion	Ratio	Lower	Upper
96	100		
61	116.0	84.9	157.7
98	76.9	47.0	87.4



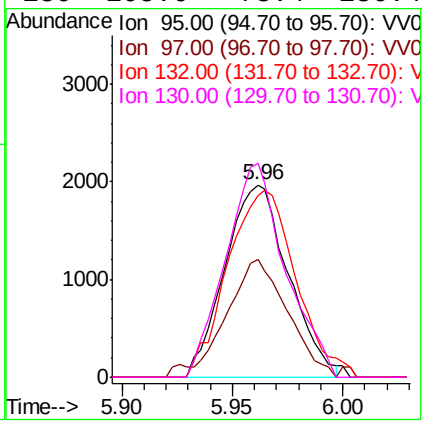


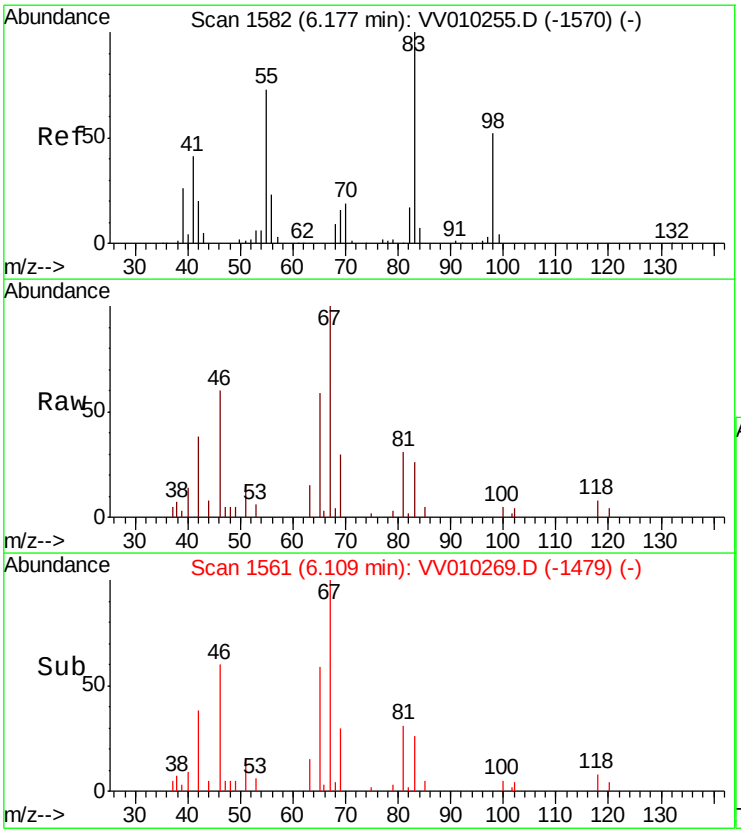
#35
Trichloroethene
Concen: 8.671 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 3917

Ion	Ratio	Lower	Upper
95	100		
97	57.2	44.3	82.3
132	104.3	71.3	132.3
130	105.6	73.4	136.4

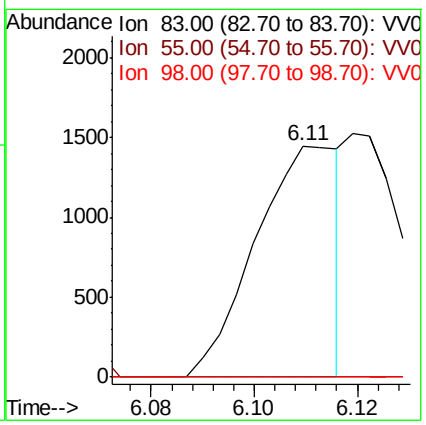


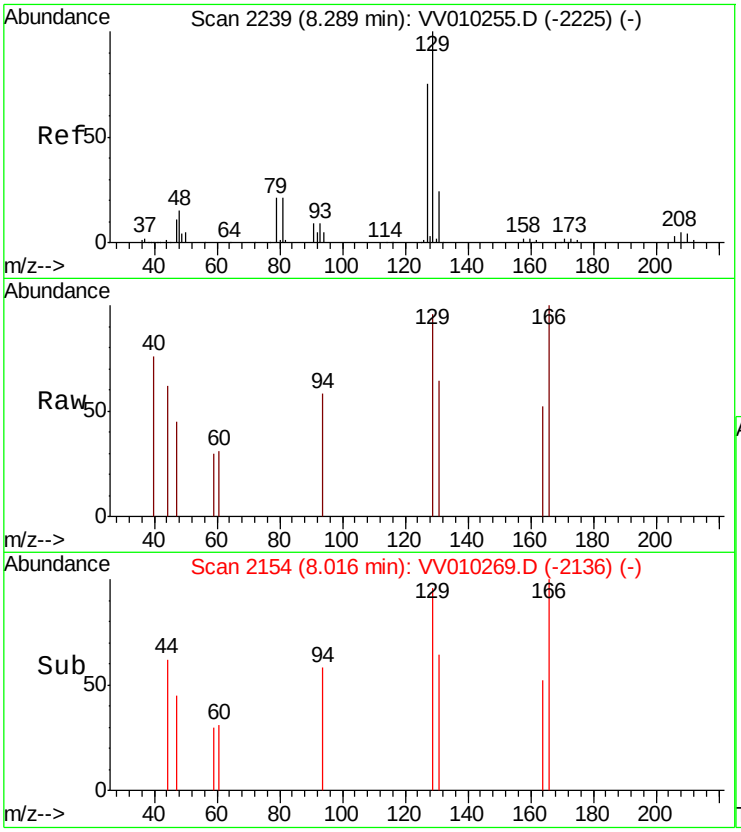


#36
Methylcyclohexane
Concen: 2.398 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.07 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Tgt Ion: 83 Resp: 1619

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.7	83.5#
98	14.0	39.4	59.2#



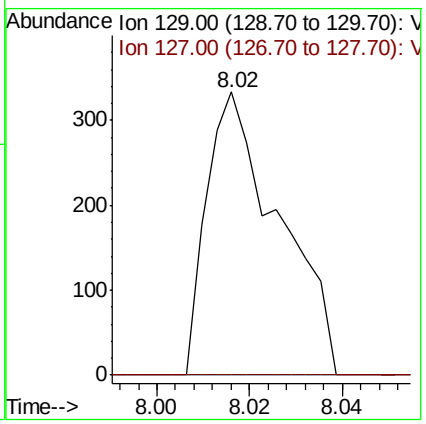


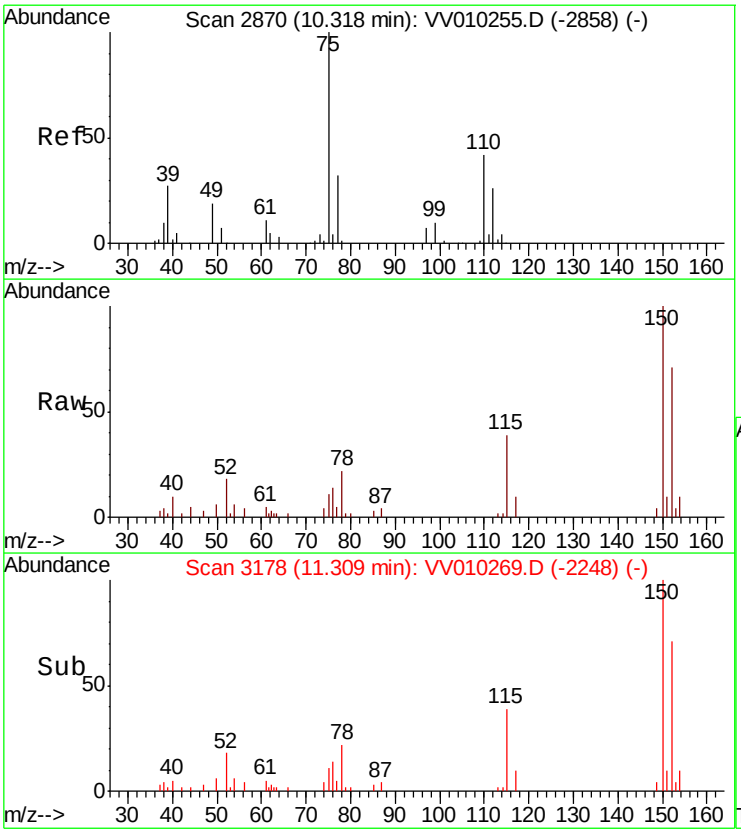
#50
Dibromochloromethane
Concen: 0.909 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 361

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.2#





#59
1,2,3-Trichloropropane
Concen: 3.777 ug/L
RT: 11.31 min Scan# 3178
Delta R.T. 0.99 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Tgt Ion: 75 Resp: 1115

Ion	Ratio	Lower	Upper
75	100		
77	27.3	26.9	40.3