Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\

Quantitation Report (Not Reviewed)

Data File : VV010838.D
Acq On : 11 May 2019 03:39
Operator : SY/MD
Sample : K2692-27
Misc : 5.50G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5189

Quant Time: May 11 05:08:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92154	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	91710	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37512	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	25530	17.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.32%			
7) Chloroethane-d5	1.57	69	26161	22.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.84%			
10) 1,1-Dichloroethene-d2	2.12	63	45041	14.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.00%			
20) 2-Butanone-d5	3.93	46	22624	52.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.32%			
24) Chloroform-d	4.39	84	63798	25.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.56%			
26) 1,2-Dichloroethane-d4	5.08	65	40915	26.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.32%			
29) Benzene-d6	5.09	84	112728	23.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.40%			
33) 1,2-Dichloropropane-d6	6.11	67	39572	25.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.92%			
37) Toluene-d8	7.36	98	98527	21.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.24%			
38) trans-1,3-Dichloropropene-	7.66	79	14823	21.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.56%			
39) 2-Hexanone-d5	8.13	63	16742	52.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.02%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37322	25.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.28%			
61) 1,2-Dichlorobenzene-d4	11.67	152	36111	24.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.44%			
Target Compounds						Qvalue
3) Chloromethane	1.30	50	1676	1.079	ug/L	86
13) Acetone	2.18	43	4931	7.414	ug/L	99
14) Carbon disulfide	2.31	76	13916	3.903	ug/L	98
34) Benzene	5.14	78	26607	4.942	ug/L	100
35) Trichloroethene	5.66	95	2783	1.845	ug/L #	9
40) 1,2-Dichloropropane	6.11	63	4485	3.132	ug/L #	95
44) Toluene	7.43	91	13144	2.150	ug/L	100
54) m,p-Xylene	9.18	106	3524	1.330	ug/L	93
55) o-xylene	9.59	106	1646	0.627	ug/L	95
69) Naphthalene	13.56	128	2187	0.702	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\

Quantitation Report (Not Reviewed)

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Operator : SY/MD
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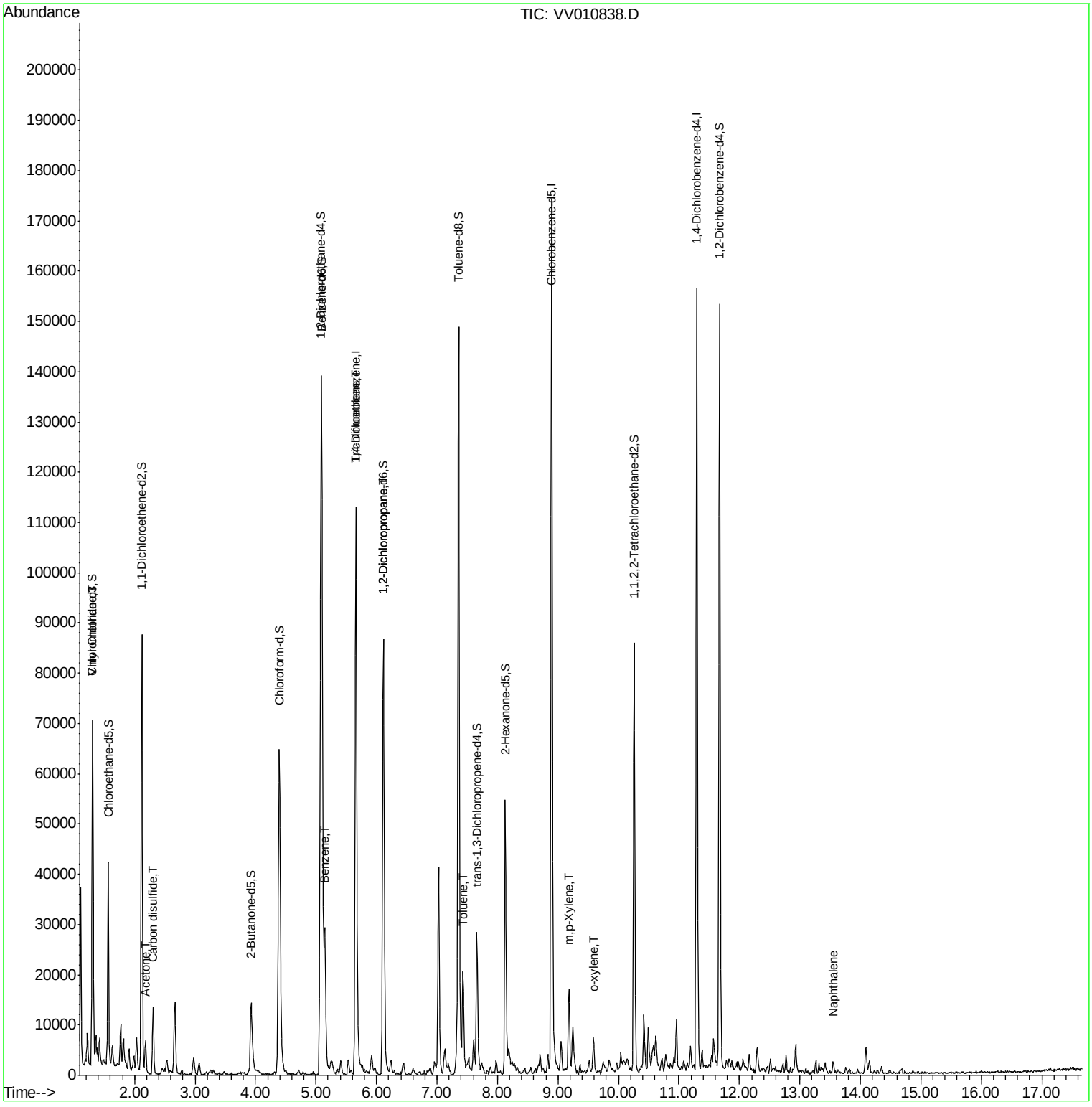
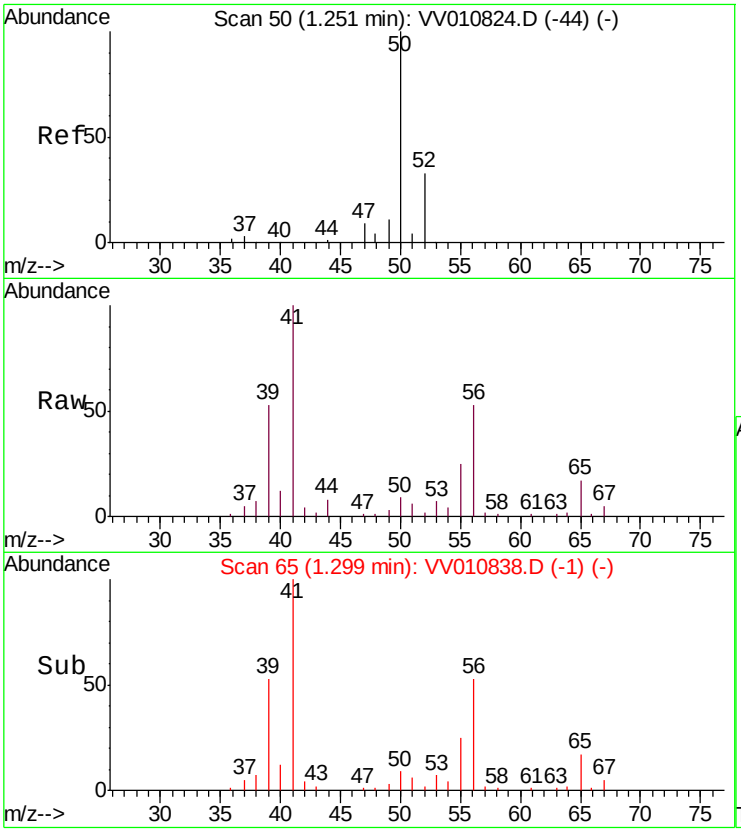
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5189

Quant Time: May 11 05:08:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration



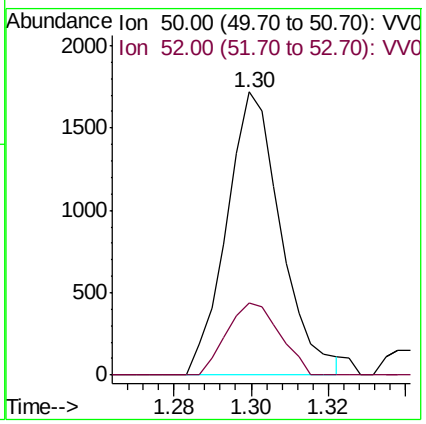


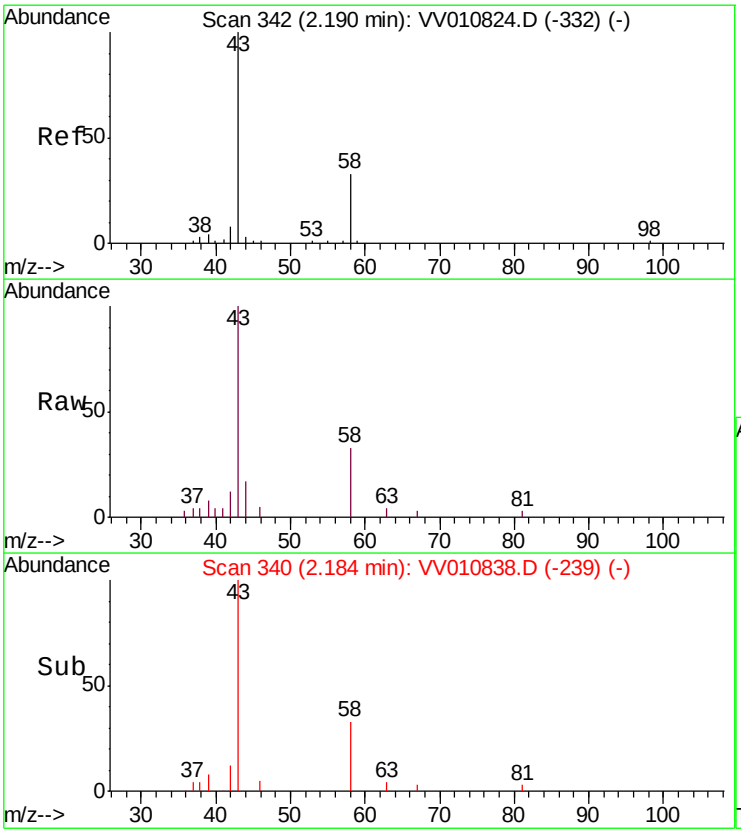
#3
Chloromethane
Concen: 1.079 ug/L
RT: 1.30 min Scan# 65
Delta R.T. 0.05 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Instrument :
MSVOA_V
ClientSampleId :
A5189

Tgt Ion: 50 Resp: 1676

Ion	Ratio	Lower	Upper
50	100		
52	25.6	23.7	43.9

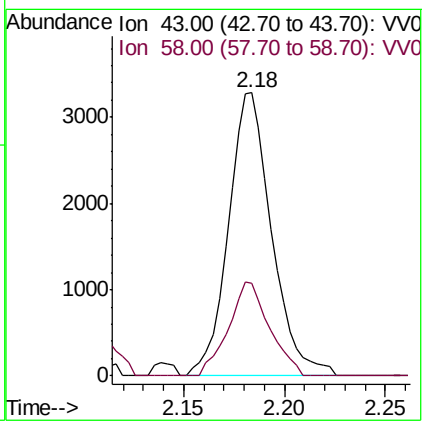


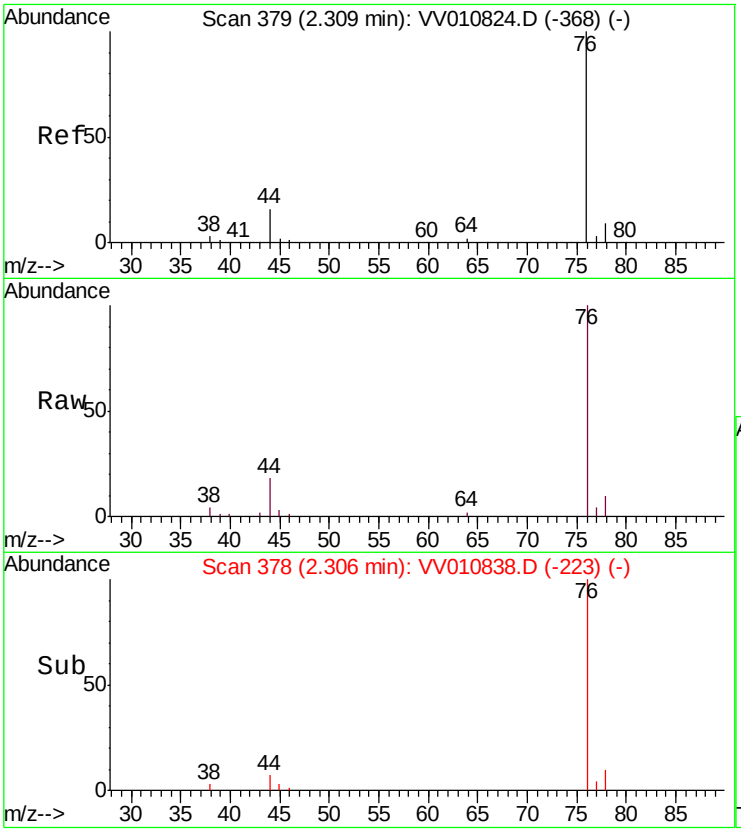


#13
Acetone
Concen: 7.414 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Tgt Ion: 43 Resp: 4931

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	63.4



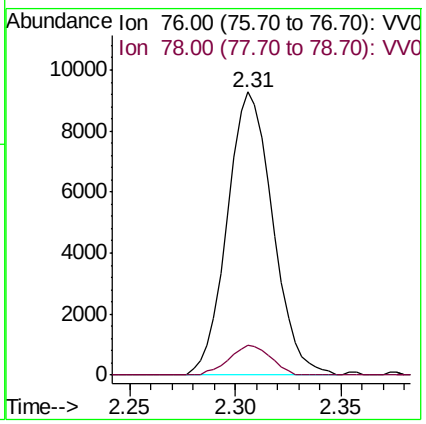


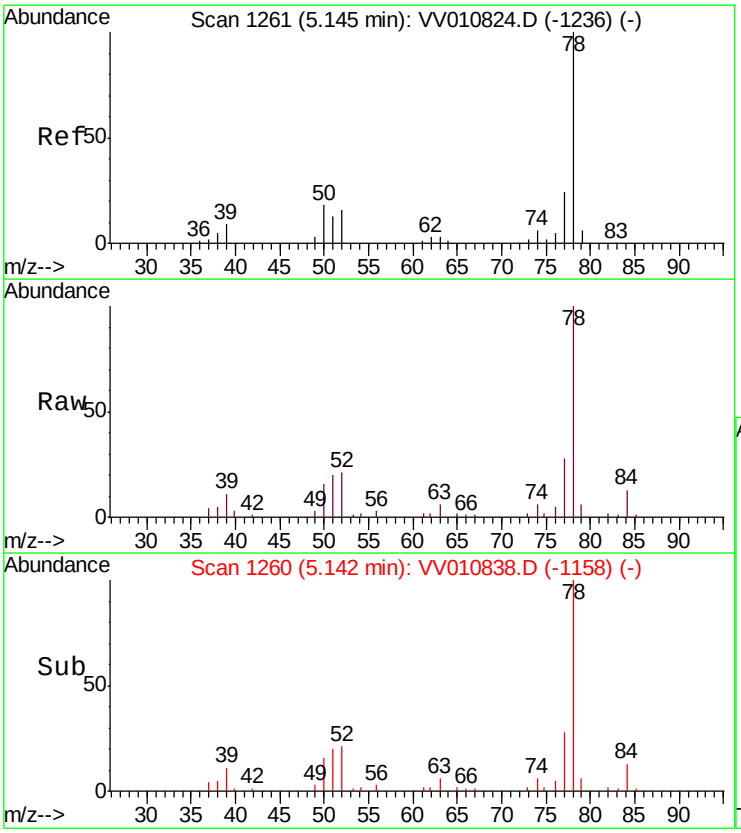
#14
Carbon disulfide
Concen: 3.903 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Instrument :
MSVOA_V
ClientSampleId :
A5189

Tgt Ion: 76 Resp: 13916

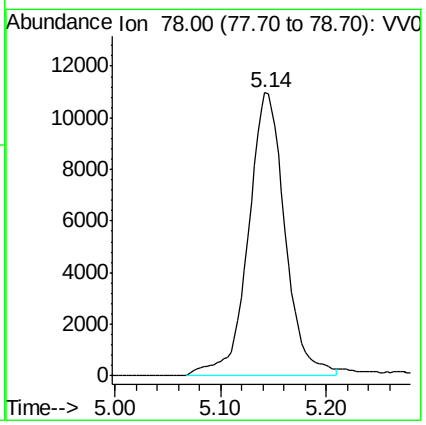
Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.8	11.8

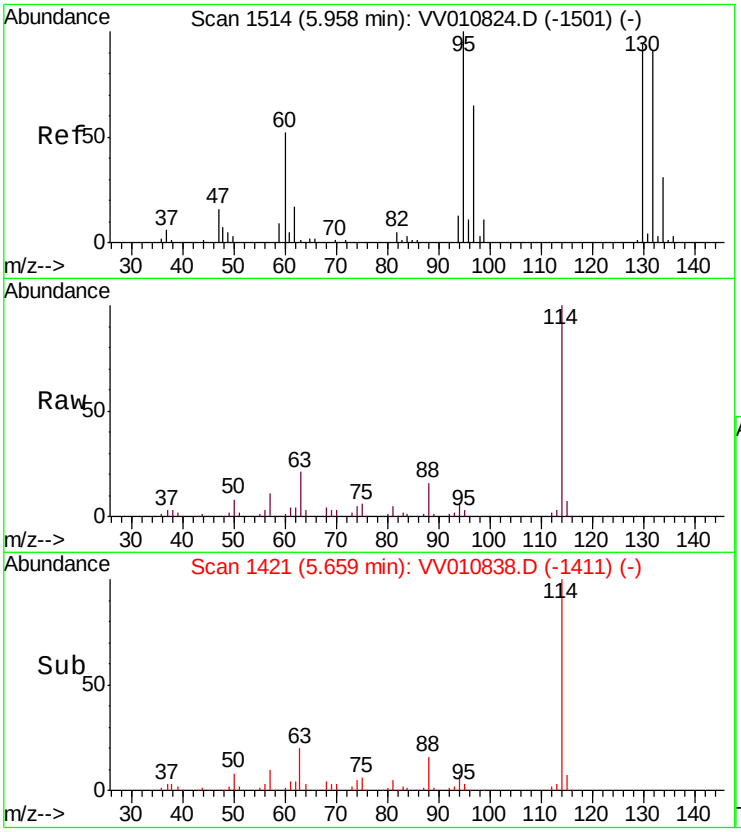




#34
Benzene
Concen: 4.942 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Tgt Ion: 78 Resp: 26607



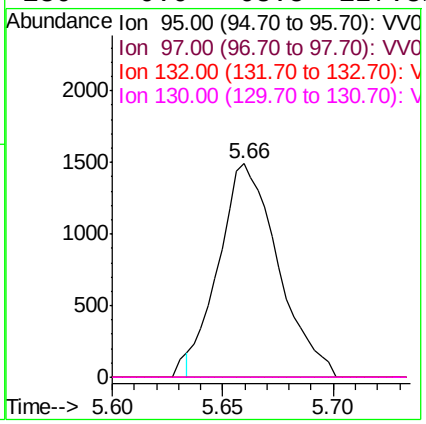


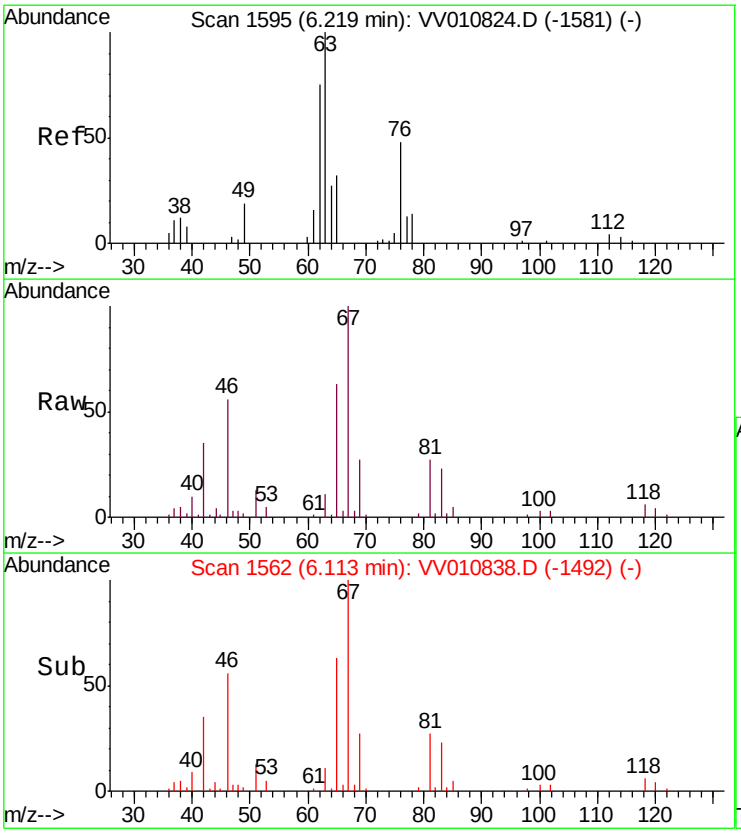
#35
Trichloroethene
Concen: 1.845 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Instrument : MSVOA_V
ClientSampleId : A5189

Tgt Ion: 95 Resp: 2783

Ion	Ratio	Lower	Upper
95	100		
97	5.3	44.3	82.3#
132	0.0	62.4	115.8#
130	0.0	68.5	127.3#

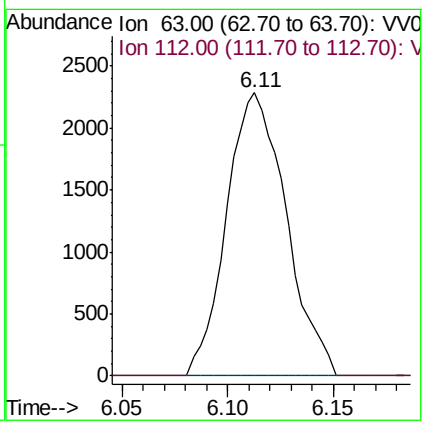


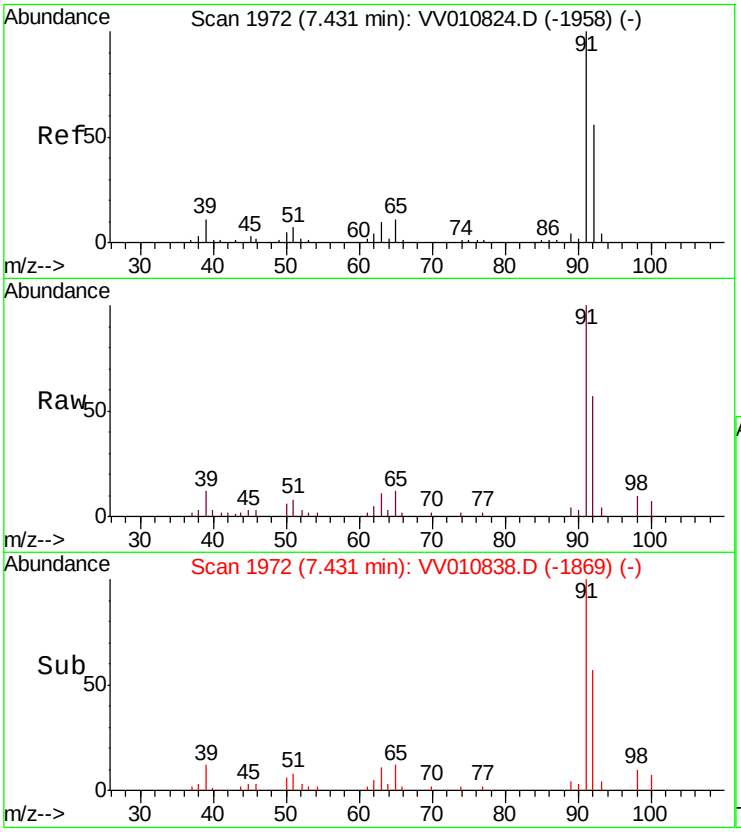


#40
1,2-Dichloropropane
Concen: 3.132 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Tgt Ion: 63 Resp: 4485

Ion	Ratio	Lower	Upper
63	100		
112	2.7	3.4	5.2#



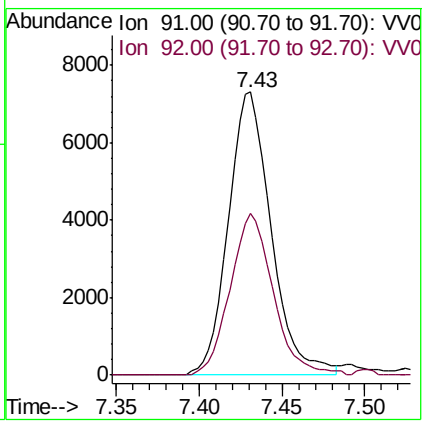


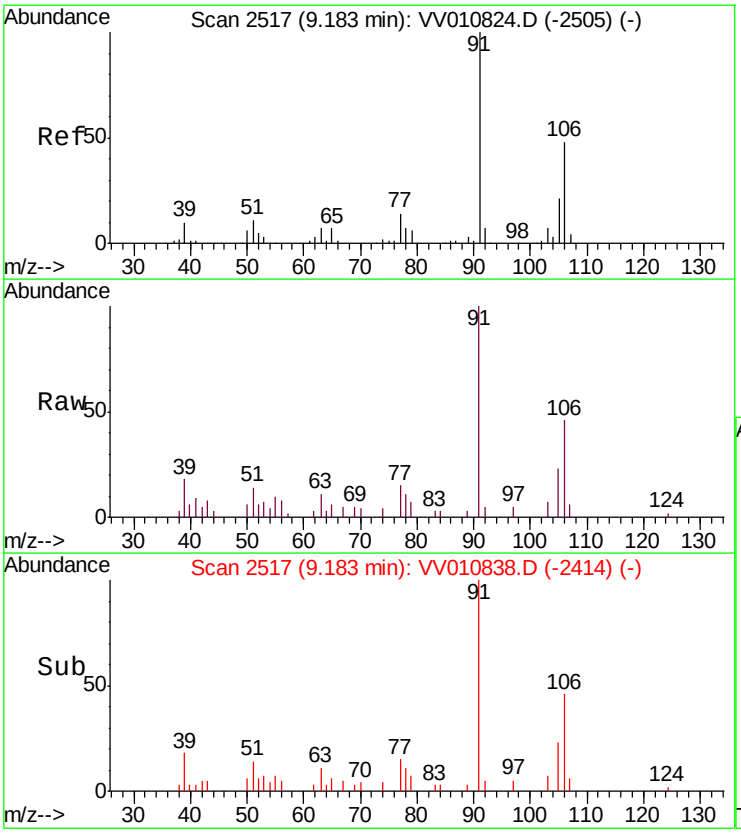
#44
Toluene
Concen: 2.150 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Instrument :
MSVOA_V
ClientSampleId :
A5189

Tgt Ion: 91 Resp: 13144

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.1	74.5

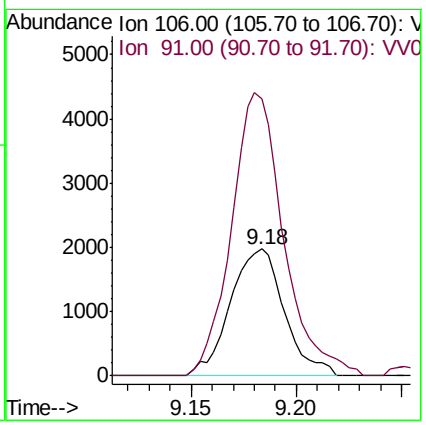


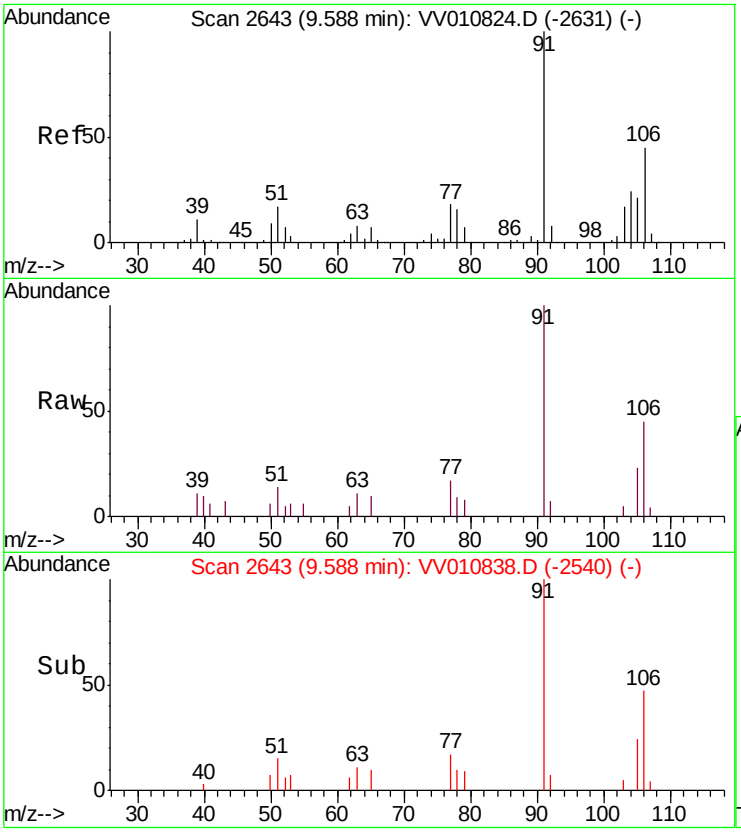


#54
m,p-Xylene
Concen: 1.330 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Tgt Ion:106 Resp: 3524

Ion	Ratio	Lower	Upper
106	100		
91	218.7	145.4	270.0



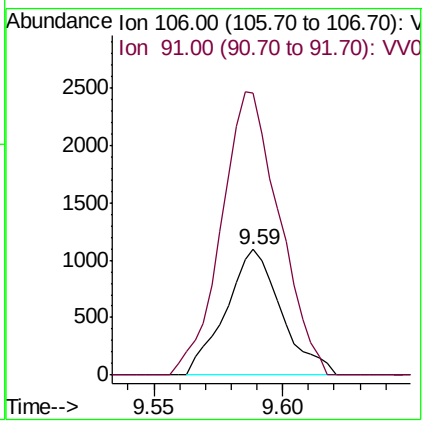


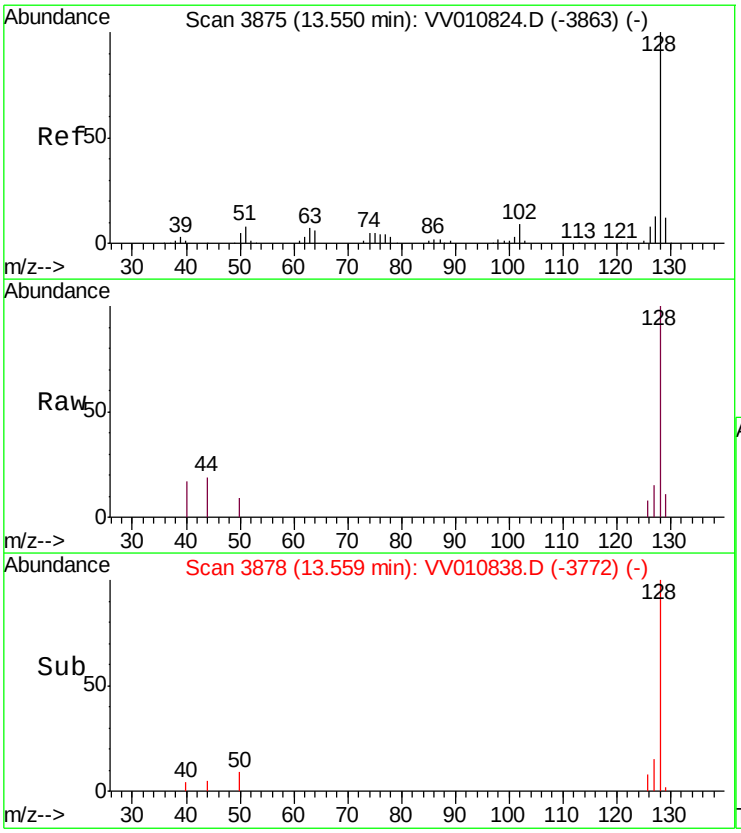
#55
o-xylene
Concen: 0.627 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Instrument :
MSVOA_V
ClientSampleId :
A5189

Tgt Ion:106 Resp: 1646

Ion	Ratio	Lower	Upper
106	100		
91	224.0	151.0	280.4





#69
Naphthalene
Concen: 0.702 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV010838.D
Acq: 11 May 2019 03:39

Tgt Ion:128 Resp: 2187

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.5	10.8	16.2