Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

Quantitation Report (Not Reviewed)

Data File : VV010649.D
Acq On : 03 May 2019 06:10
Operator : SY/MD
Sample : K2603-22
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ74

Quant Time: May 03 07:45:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	8889	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	6855	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1383	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	1902	16.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.60%			
7) Chloroethane-d5	1.58	69	1735	22.02	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.08%			
10) 1,1-Dichloroethene-d2	2.14	63	3966	20.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.40%			
20) 2-Butanone-d5	3.96	46	510	14.89	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 29.78%			
24) Chloroform-d	4.41	84	5464	23.80	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.09	65	2802	21.30	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.20%			
29) Benzene-d6	5.11	84	10025	28.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.88%			
33) 1,2-Dichloropropane-d6	6.12	67	3674	33.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 135.04%#			
37) Toluene-d8	7.36	98	9141	26.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.12%			
38) trans-1,3-Dichloropropene-	7.67	79	361	8.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 32.12%			
39) 2-Hexanone-d5	8.15	63	128	6.61	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 13.22%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2680	27.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.32%			
61) 1,2-Dichlorobenzene-d4	11.68	152	1501	28.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.84%			
Target Compounds						Qvalue
8) Chloroethane	1.58	64	100	1.739	ug/L #	43
13) Acetone	2.19	43	290	9.879	ug/L #	46
15) Methyl Acetate	2.19	43	290	5.054	ug/L #	50
35) Trichloroethene	5.67	95	88	0.941	ug/L #	4
36) Methylcyclohexane	6.12	83	767	5.743	ug/L #	18
40) 1,2-Dichloropropane	6.11	63	141	1.654	ug/L #	87
44) Toluene	7.43	91	346	0.957	ug/L	80
54) m,p-Xylene	9.18	106	884	5.703	ug/L	77
55) o-xylene	9.59	106	873	5.765	ug/L	92
56) Styrene	9.61	104	614	2.389	ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	92	1.377	ug/L #	43
69) Naphthalene	13.55	128	16129	182.456	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

Quantitation Report (Not Reviewed)

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Acq On : 03 May 2019 06:10
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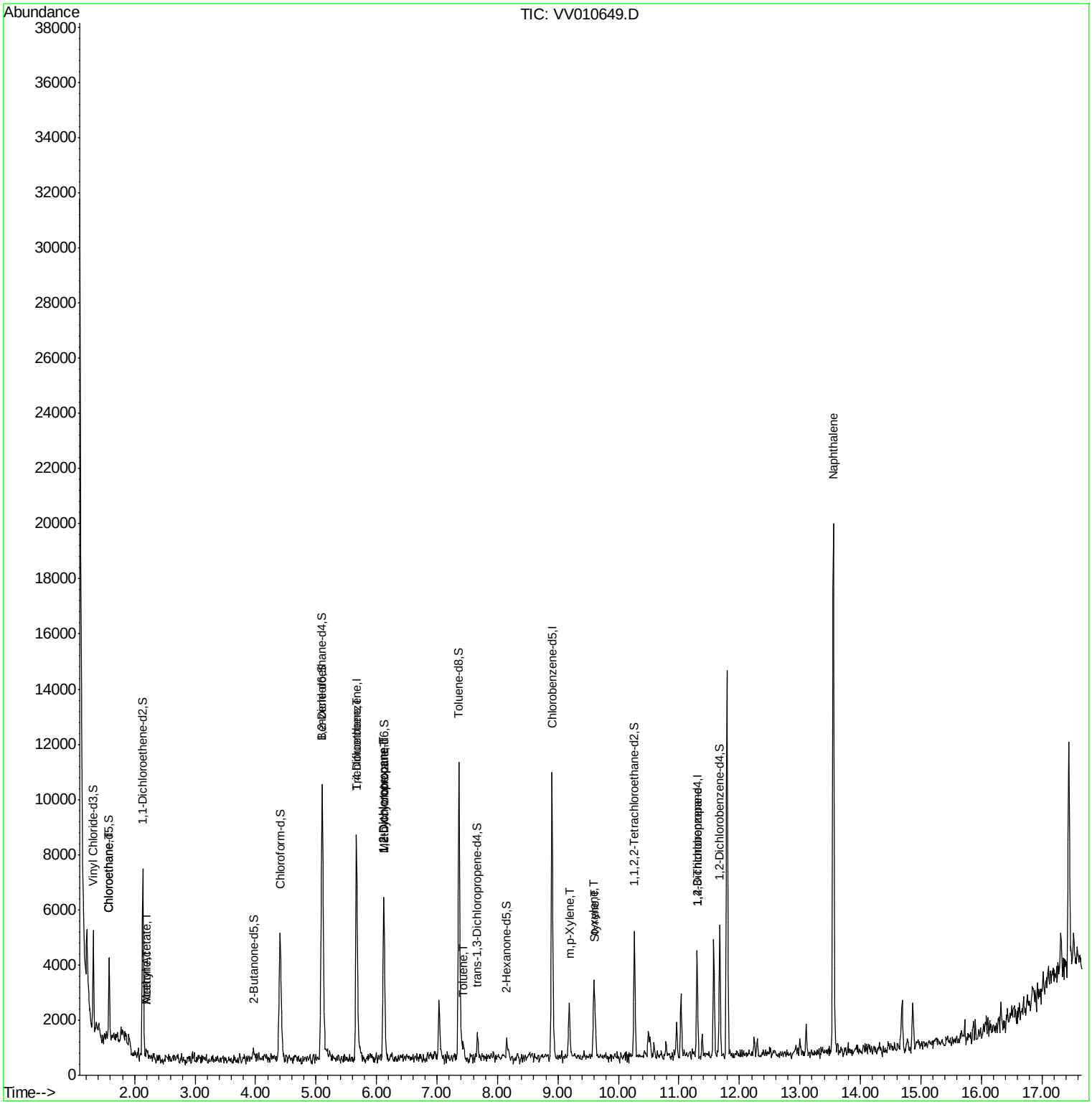
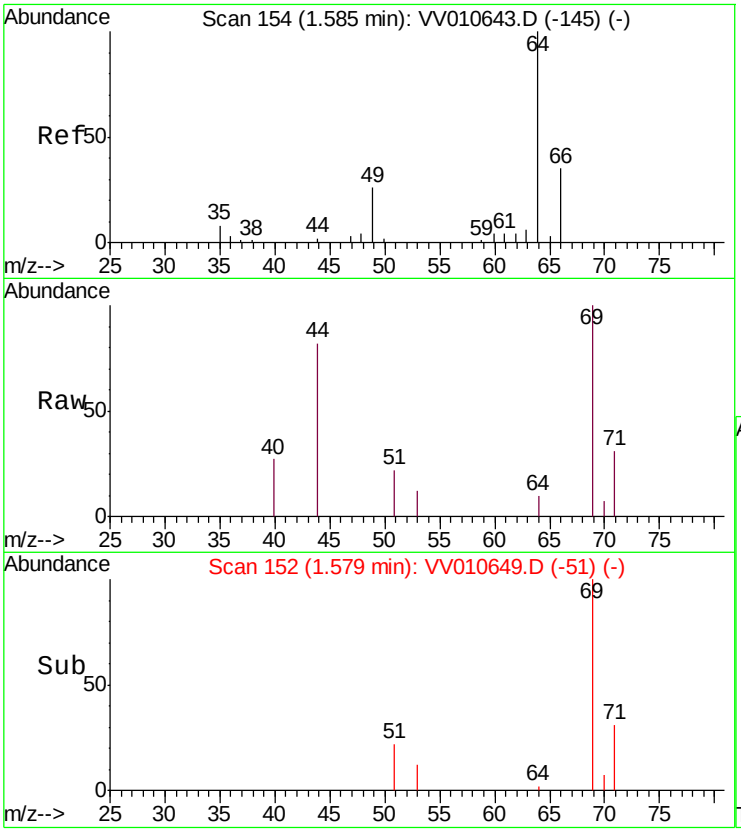
Instrument :
MSVOA_V
ClientSampleId :
GAJ74

Quant Time: May 03 07:45:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration



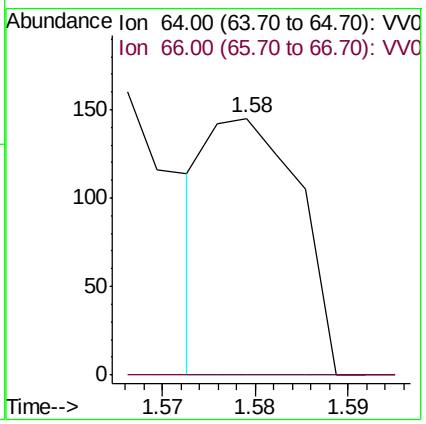


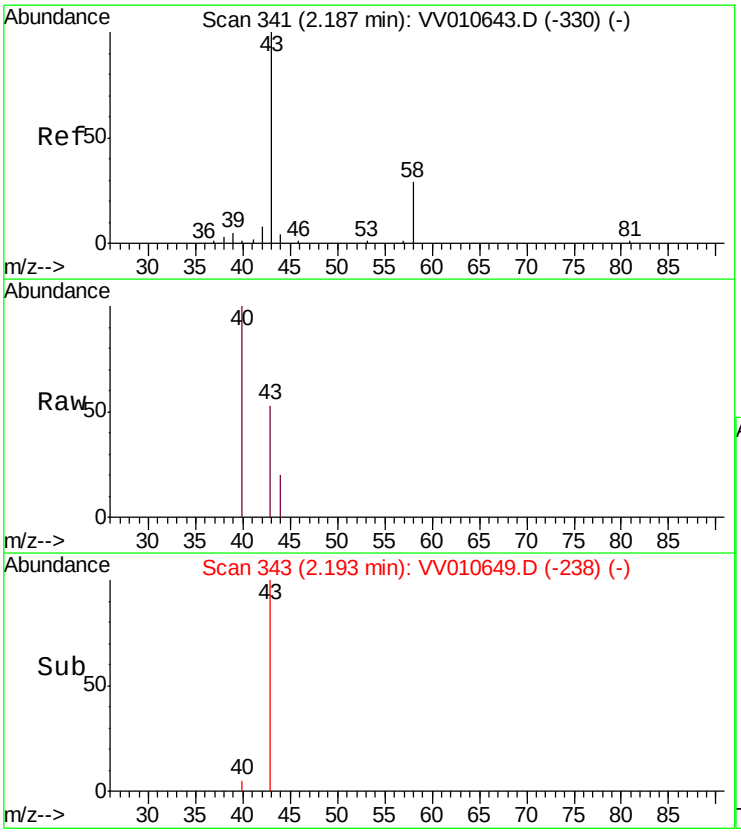
#8
Chloroethane
Concen: 1.739 ug/L
RT: 1.58 min Scan# 152
Delta R.T. -0.01 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Instrument : MSVOA_V
ClientSampleId : GAJ74

Tgt Ion: 64 Resp: 100

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.7#

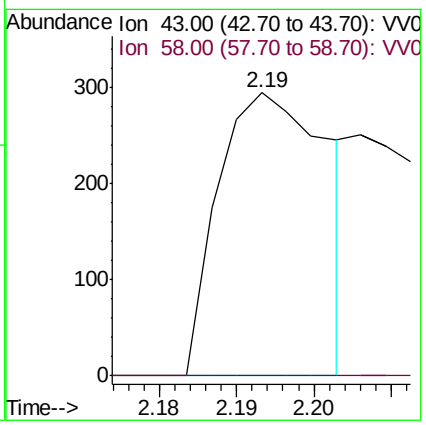


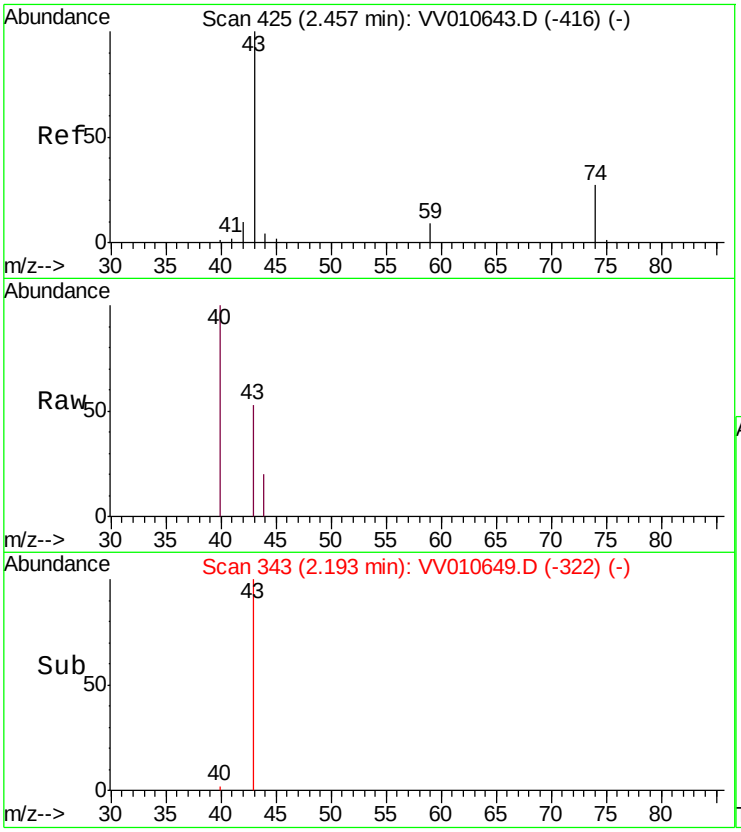


#13
Acetone
Concen: 9.879 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Tgt Ion: 43 Resp: 290

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	58.2



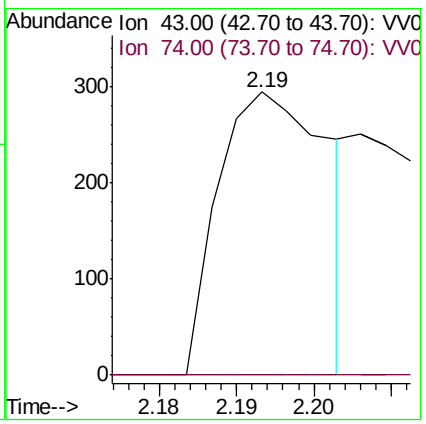


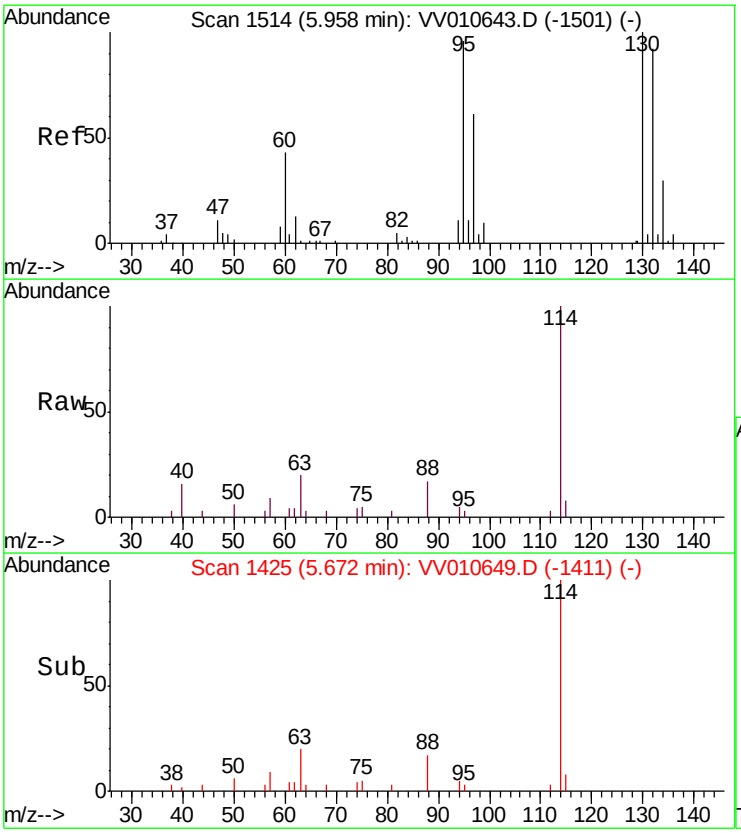
#15
Methyl Acetate
Concen: 5.054 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.26 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Instrument : MSVOA_V
ClientSampleId : GAJ74

Tgt Ion: 43 Resp: 290

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.0	30.0#

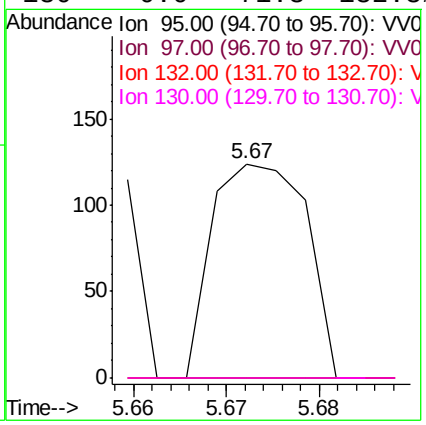


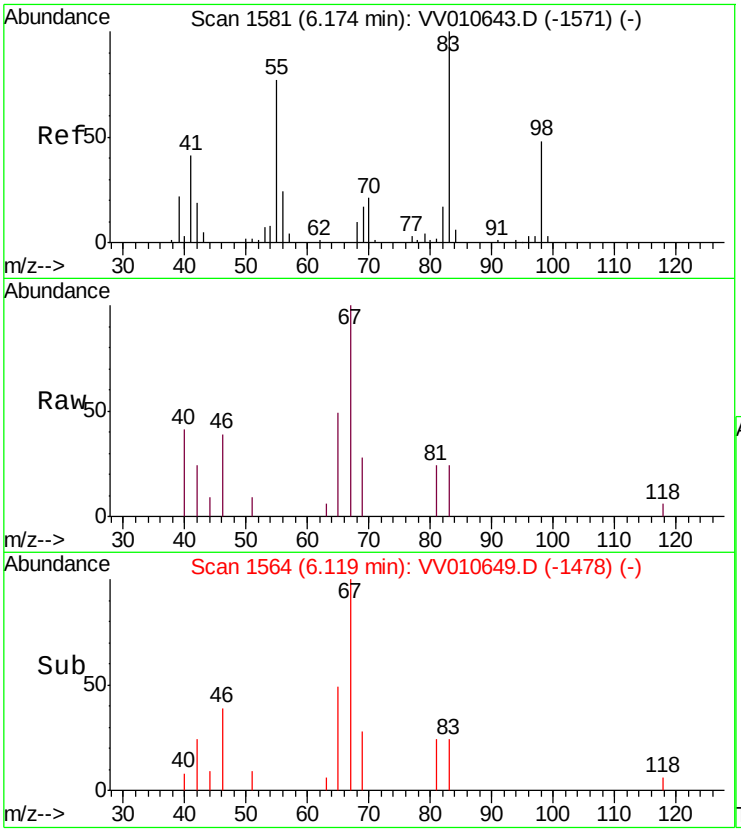


#35
Trichloroethene
Concen: 0.941 ug/L
RT: 5.67 min Scan# 1425
Delta R.T. -0.29 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Tgt Ion: 95 Resp: 88

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	69.9	129.9#
130	0.0	71.3	132.3#



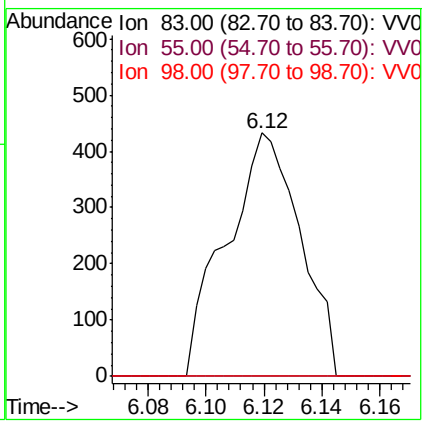


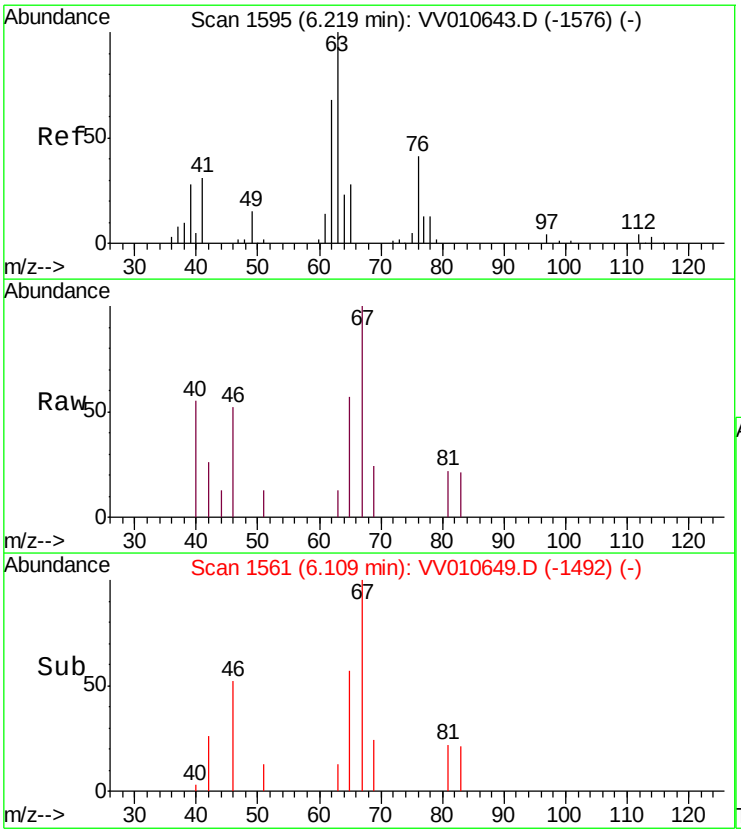
#36
Methylcyclohexane
Concen: 5.743 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Instrument : MSVOA_V
ClientSampleId : GAJ74

Tgt Ion: 83 Resp: 767

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.4	92.0#
98	0.0	37.4	56.2#

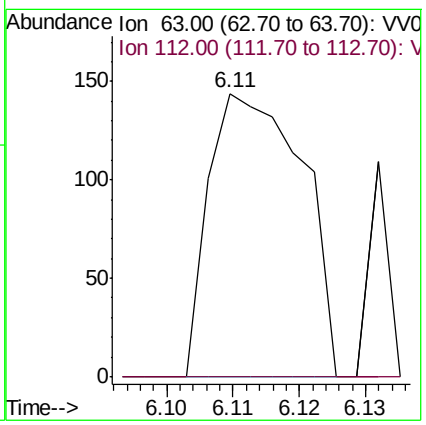


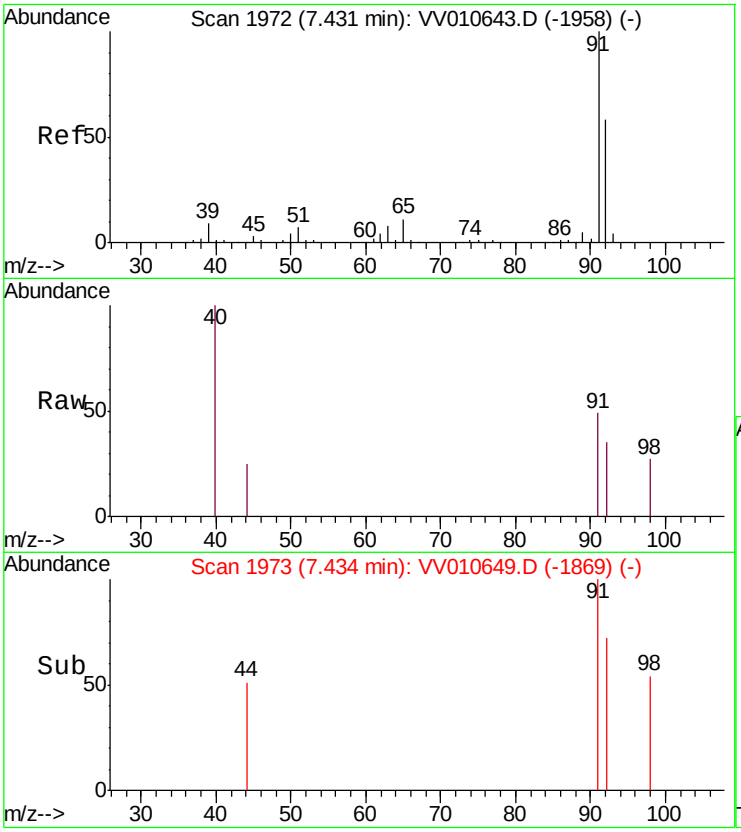


#40
1,2-Dichloropropane
Concen: 1.654 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Tgt Ion: 63 Resp: 141

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



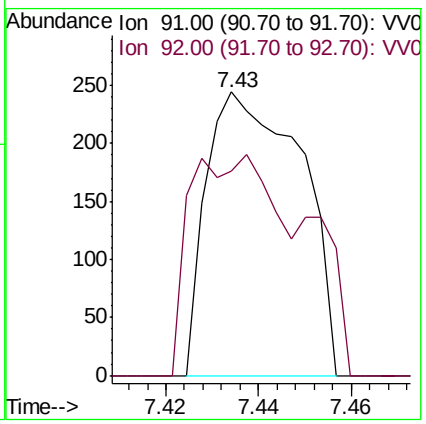


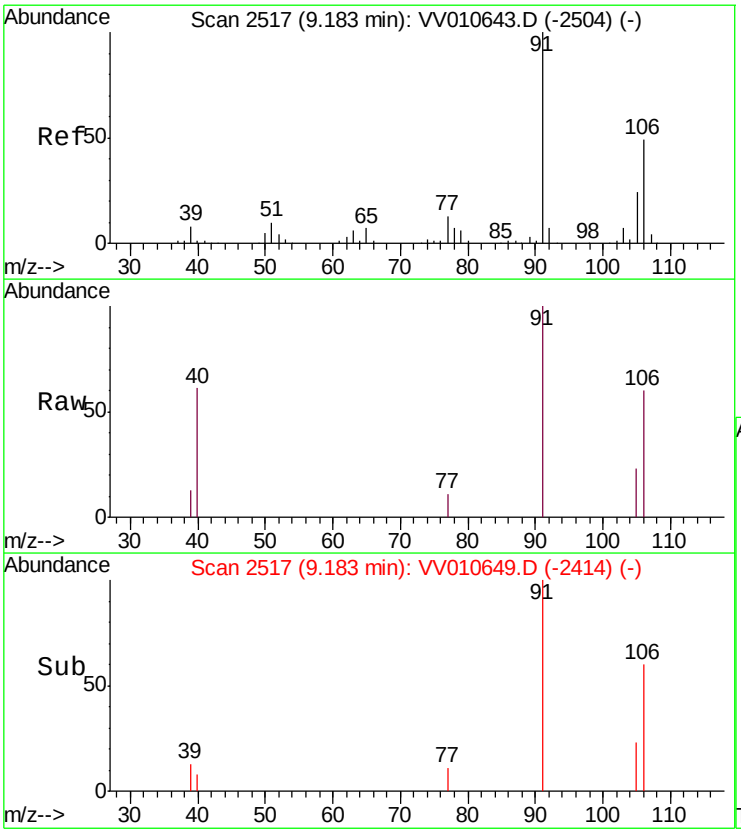
#44
Toluene
Concen: 0.957 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Instrument : MSVOA_V
ClientSampleId : GAJ74

Tgt Ion: 91 Resp: 346

Ion	Ratio	Lower	Upper
91	100		
92	72.1	40.1	74.5

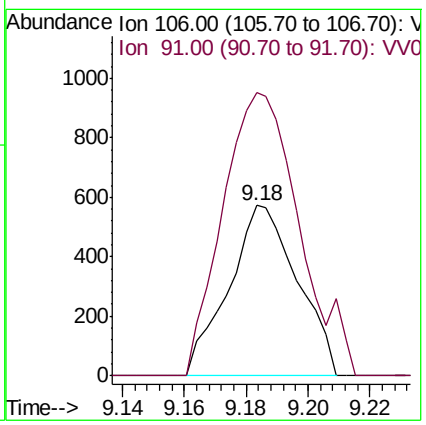


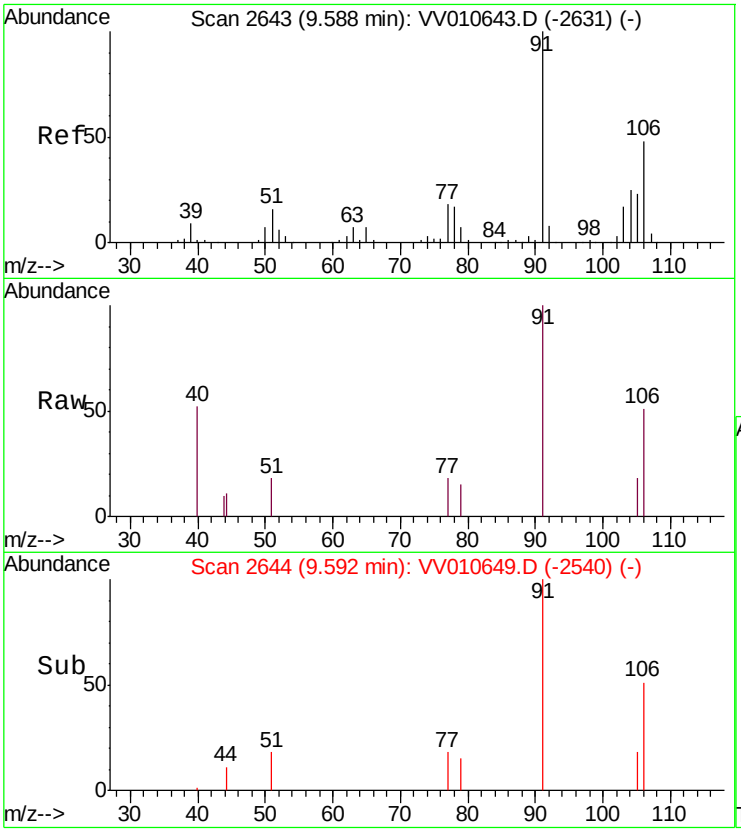


#54
m,p-Xylene
Concen: 5.703 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Tgt Ion:106 Resp: 884

Ion	Ratio	Lower	Upper
106	100		
91	166.3	140.4	260.8



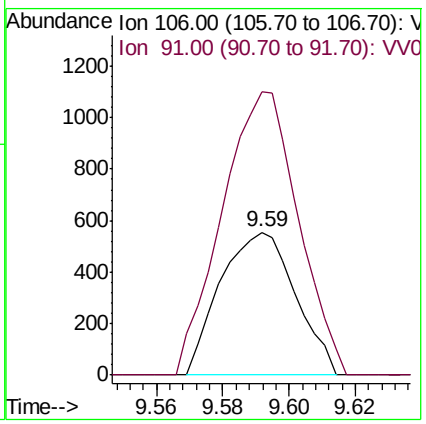


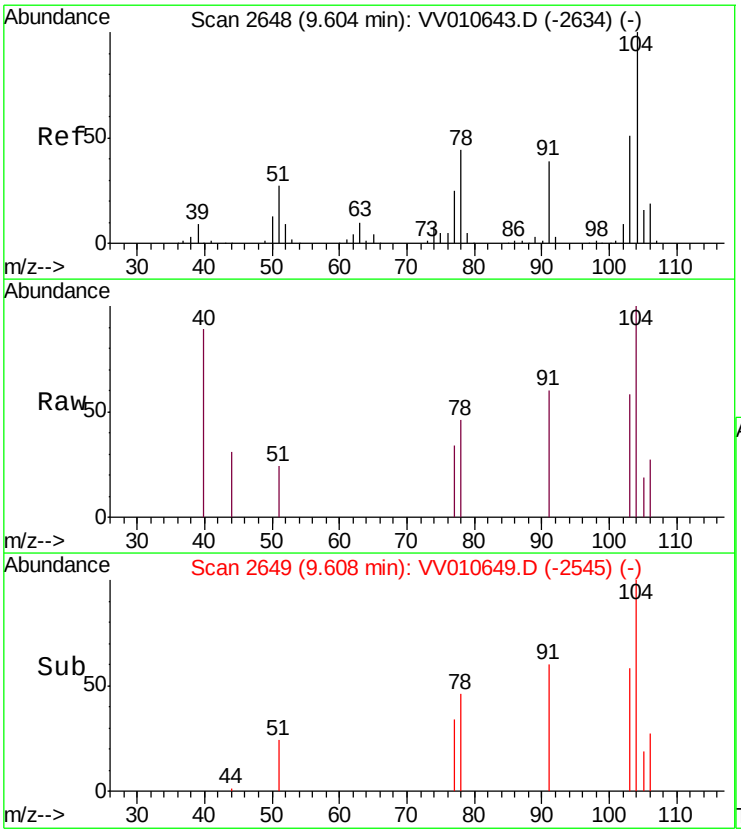
#55
o-xylene
Concen: 5.765 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Instrument :
MSVOA_V
ClientSampleId :
GAJ74

Tgt Ion:106 Resp: 873

Ion	Ratio	Lower	Upper
106	100		
91	198.0	147.3	273.5

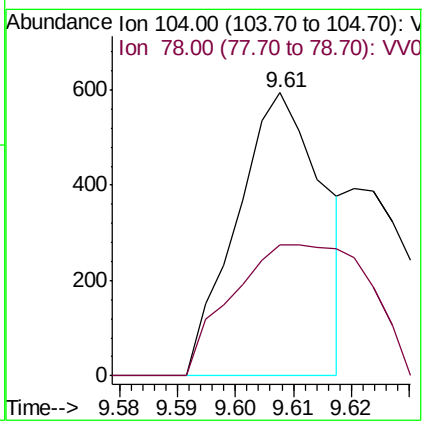


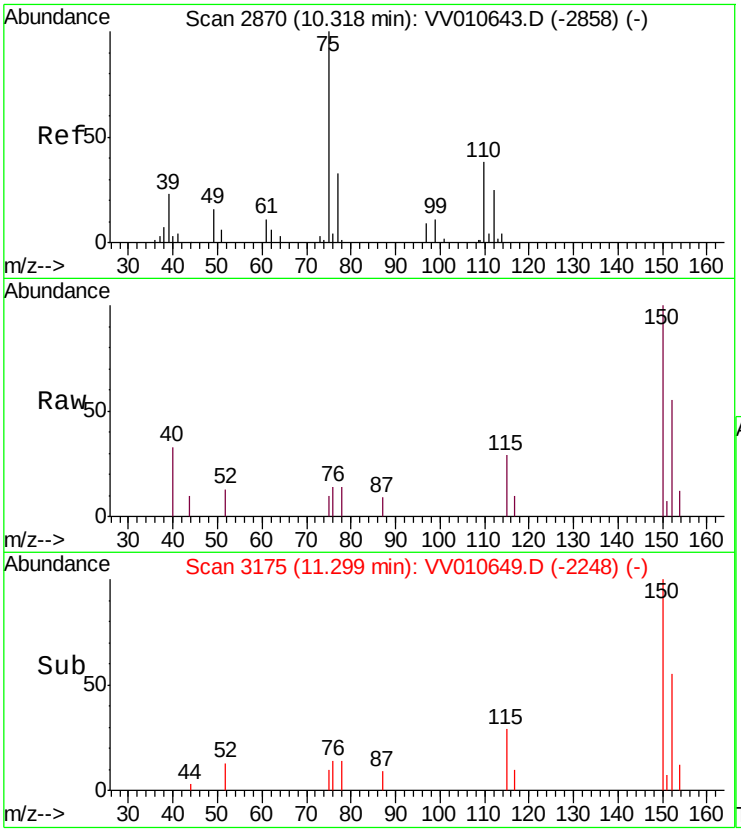


#56
Styrene
Concen: 2.389 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Tgt Ion:104 Resp: 614

Ion	Ratio	Lower	Upper
104	100		
78	46.1	30.4	56.5



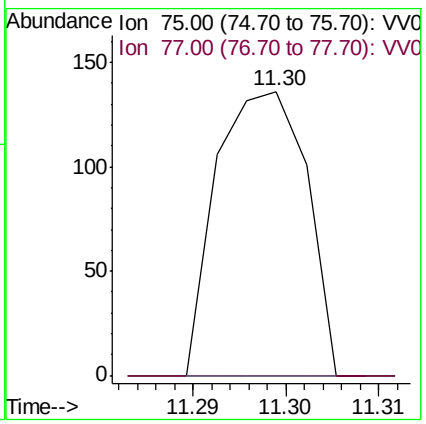


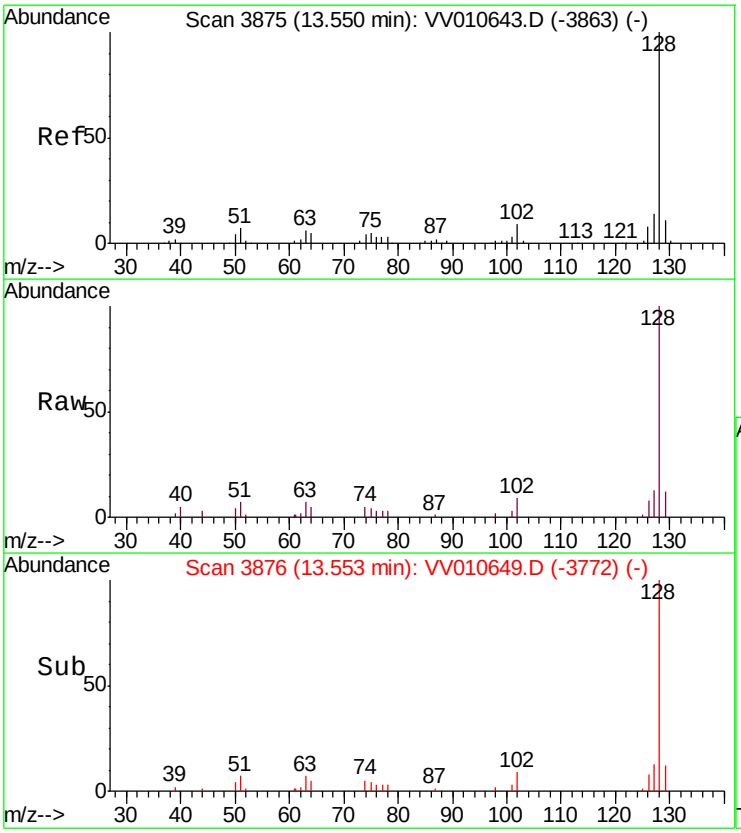
#59
1,2,3-Trichloropropane
Concen: 1.377 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Instrument : MSVOA_V
ClientSampleId : GAJ74

Tgt Ion: 75 Resp: 92

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.6	38.4#





#69
Naphthalene
Concen: 182.456 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010649.D
Acq: 03 May 2019 06:10

Tgt Ion:128 Resp: 16129

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.2	10.6	15.8