Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Time: Jul 25 01:11:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172034	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164786	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91747	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	36080	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.80%			
7) Chloroethane-d5	1.58	69	30503	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.12	63	63370	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	3.94	46	83752	42.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.24%			
24) Chloroform-d	4.37	84	88004	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.06	65	50038	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.07	84	170305	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.09	67	47440	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.34	98	166970	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
45) trans-1,3-Dichloropropene-	7.65	79	19778	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
48) 2-Hexanone-d5	8.12	63	60613	42.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.48%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31275	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	70841	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
13) Acetone	2.22	43	3984	2.590	ug/L	99
16) Methylene chloride	2.52	84	14914	1.447	ug/L	93
30) Cyclohexane	4.69	56	13309	0.729	ug/L	99
33) Benzene	5.12	78	130580	2.799	ug/L	100
35) Methylcyclohexane	6.15	83	5217	0.265	ug/L #	55
42) Toluene	7.41	91	30023	0.590	ug/L	97
49) Tetrachloroethene	8.00	164	1612	0.140	ug/L #	68
54) Ethylbenzene	9.03	91	51355	0.901	ug/L	100
55) m,p-xylene	9.16	106	157186	7.326	ug/L	95
56) o-xylene	9.57	106	9493	0.456	ug/L	73
58) Isopropylbenzene	9.95	105	15932	0.277	ug/L	96

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
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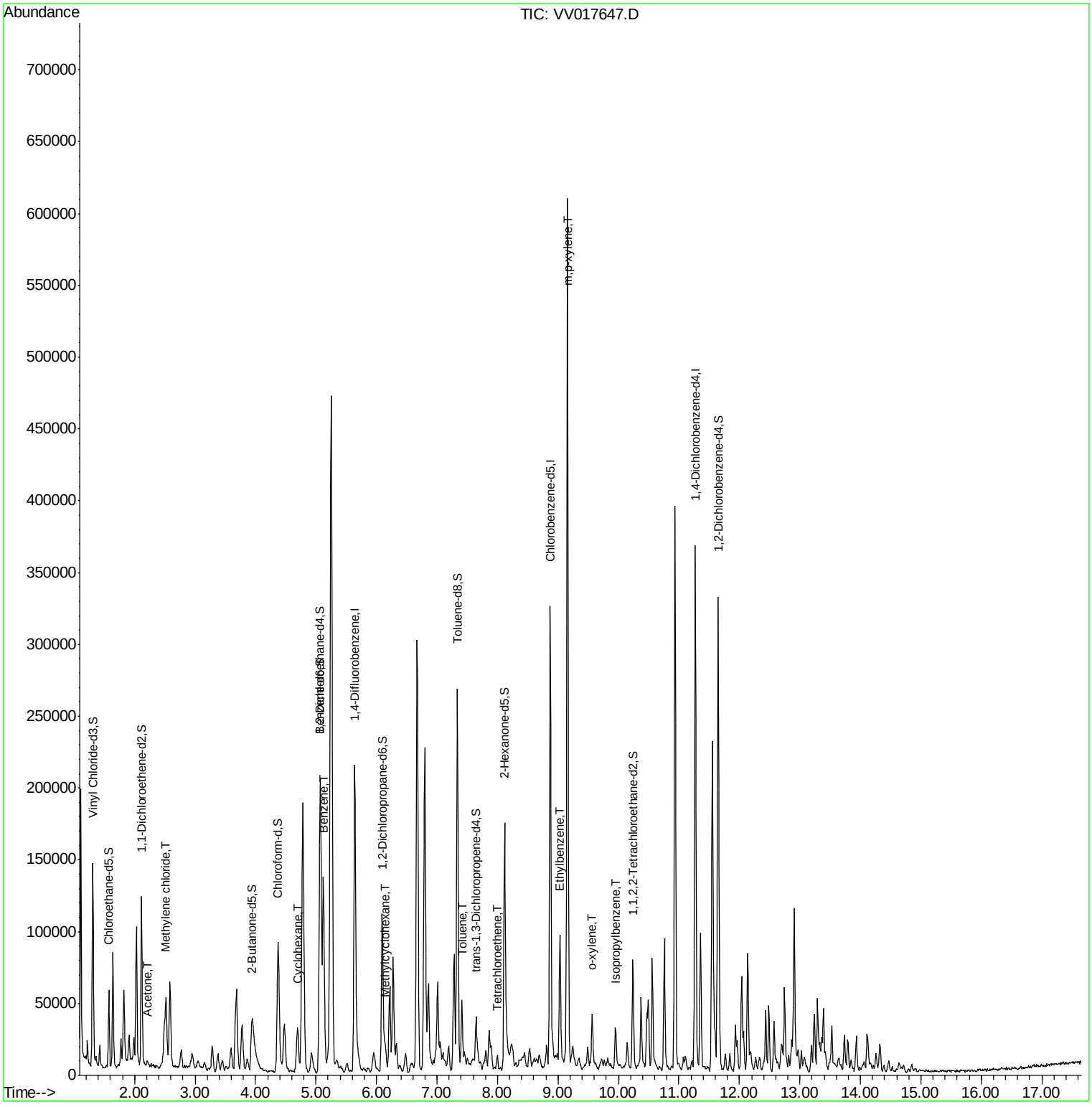
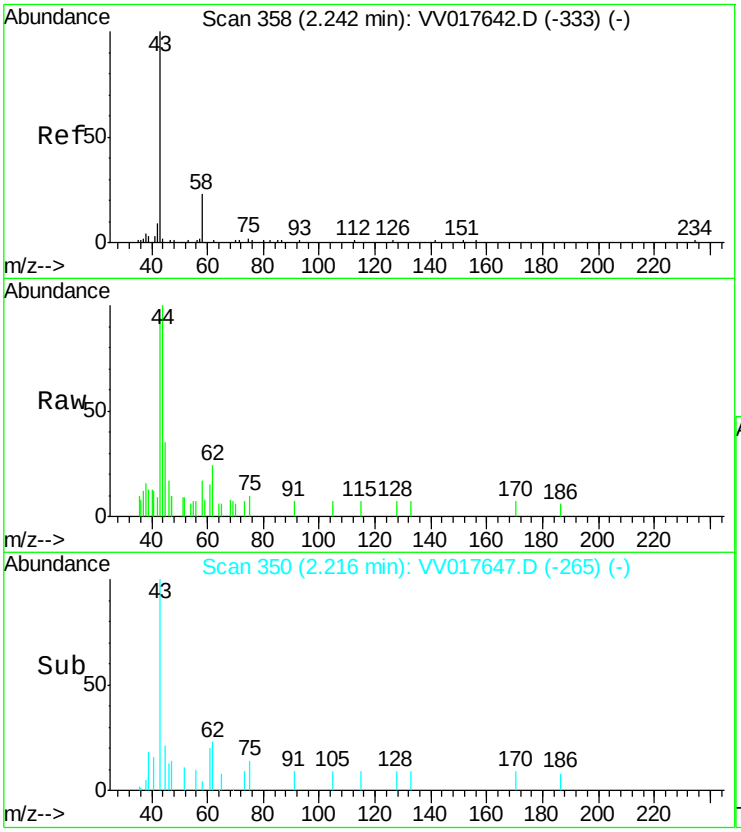


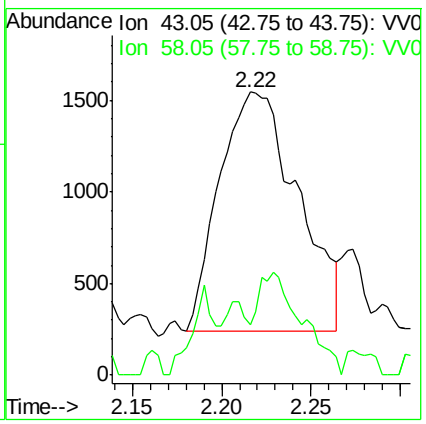


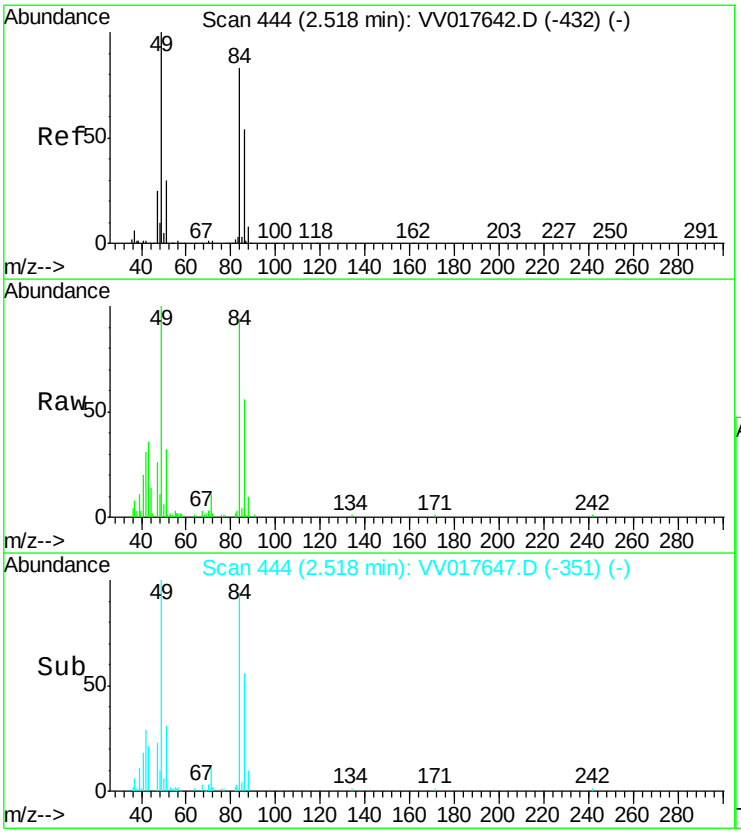
#13
Acetone
Concen: 2.590 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.03 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Instrument :
MSVOA_V
ClientSampleId :
GAY25DL

Tgt Ion: 43 Resp: 3984

Ion	Ratio	Lower	Upper
43	100		
58	9.6	0.0	18.6

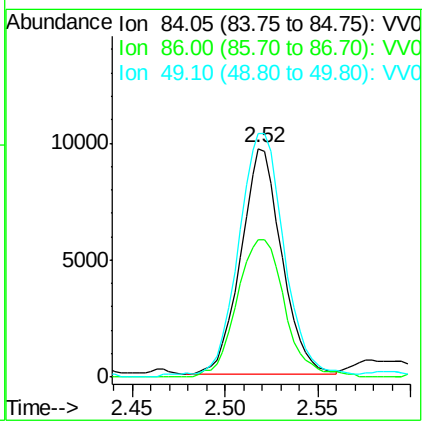


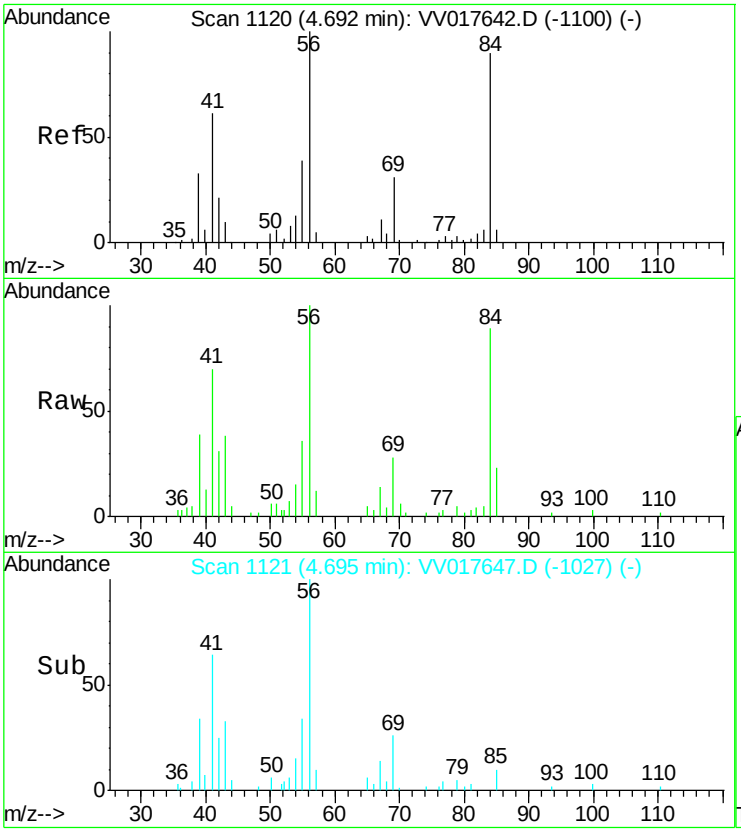


#16
Methylene chloride
Concen: 1.447 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Tgt Ion: 84 Resp: 14914

Ion	Ratio	Lower	Upper
84	100		
86	60.1	46.5	86.3
49	106.5	79.2	147.2



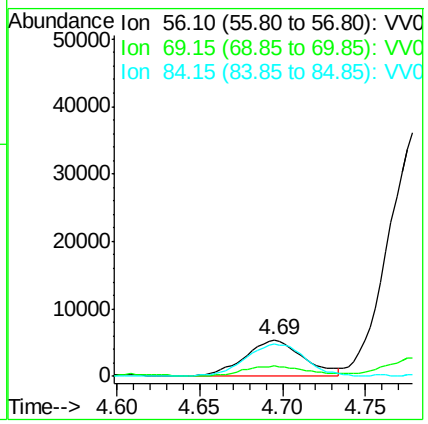


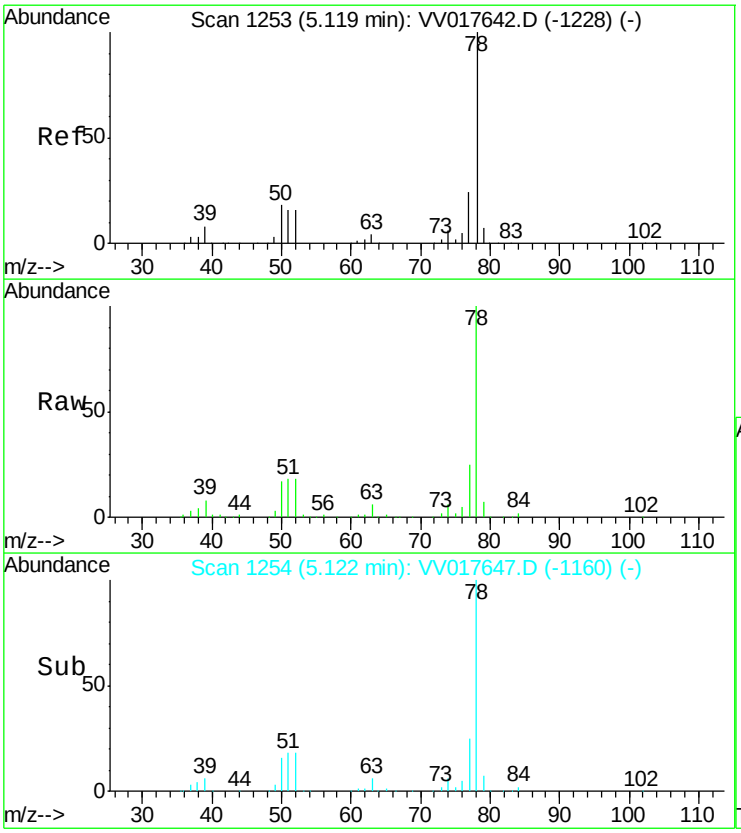
#30
Cyclohexane
Concen: 0.729 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Instrument :
MSVOA_V
ClientSampleId :
GAY25DL

Tgt Ion: 56 Resp: 13309

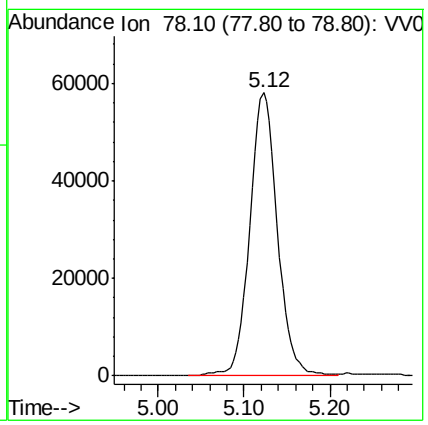
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.4	38.2
84	90.1	73.0	109.4

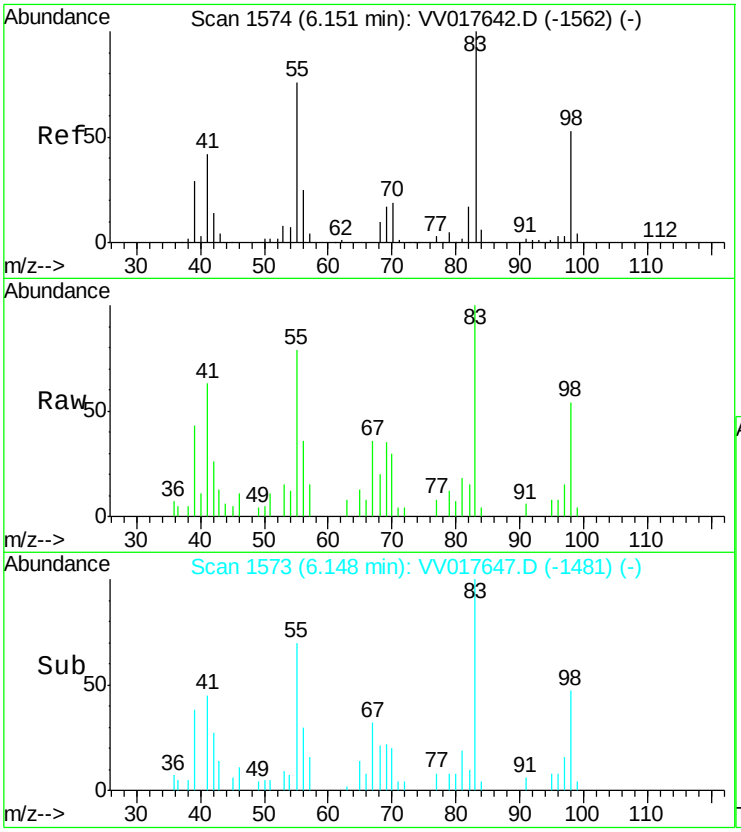




#33
Benzene
Concen: 2.799 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Tgt Ion: 78 Resp: 130580



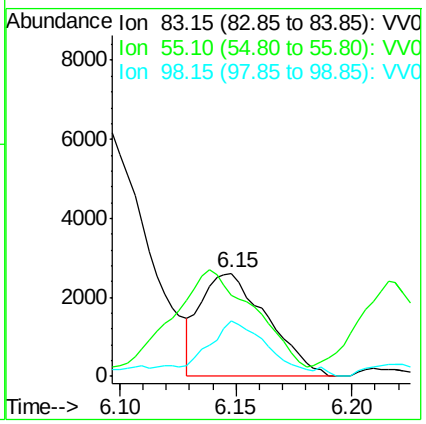


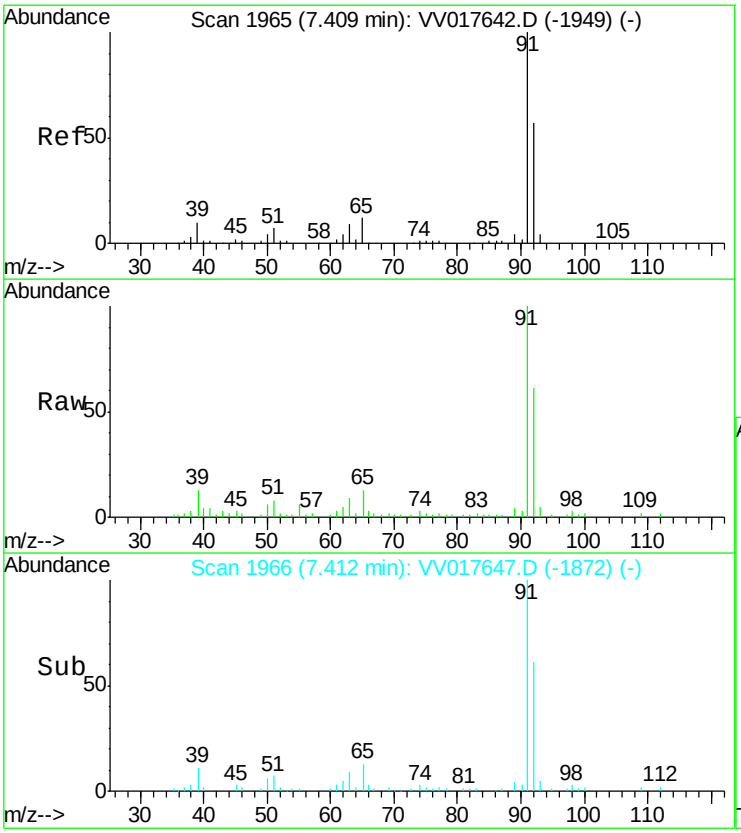
#35
Methylcyclohexane
Concen: 0.265 ug/L
RT: 6.15 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Instrument :
MSVOA_V
ClientSampleId :
GAY25DL

Tgt Ion: 83 Resp: 5217

Ion	Ratio	Lower	Upper
83	100		
55	138.4	61.8	92.8#
98	52.4	39.0	58.6

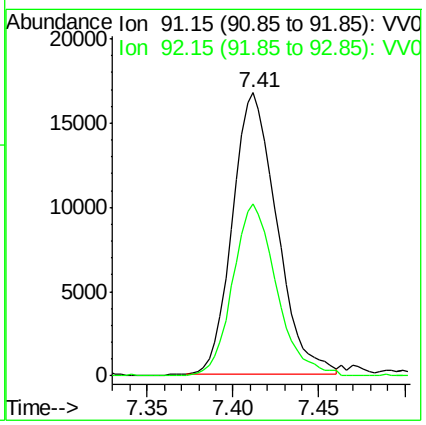


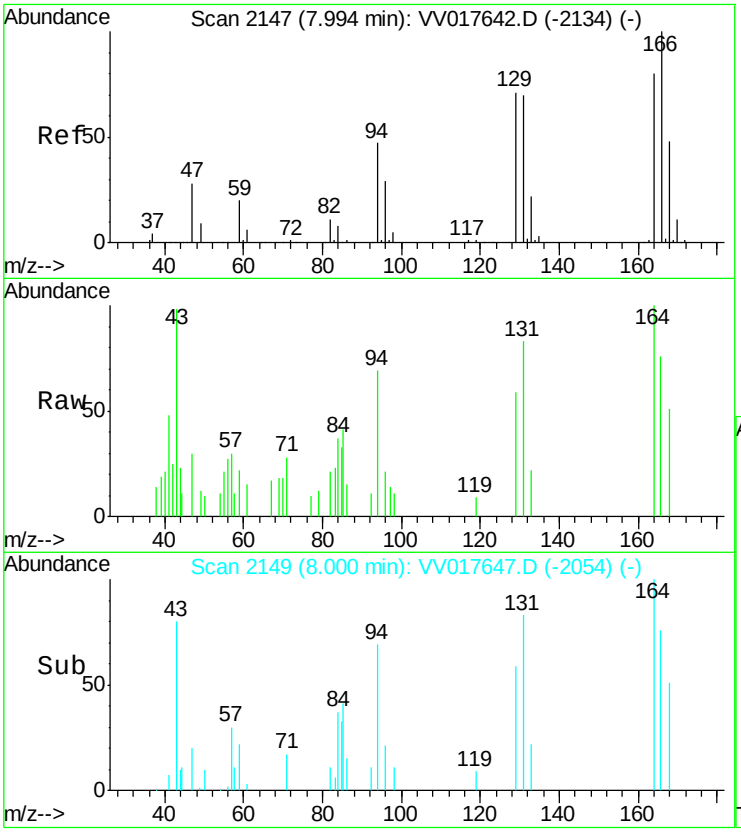


#42
Toluene
Concen: 0.590 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Tgt Ion: 91 Resp: 30023

Ion	Ratio	Lower	Upper
91	100		
92	60.6	40.8	75.8



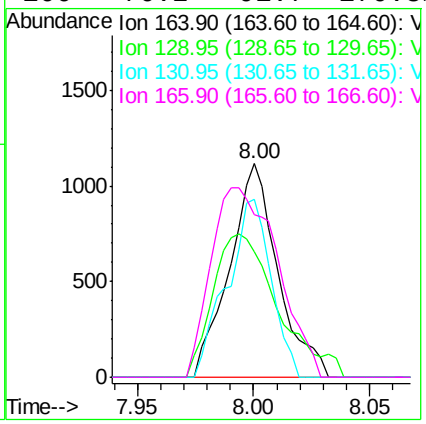


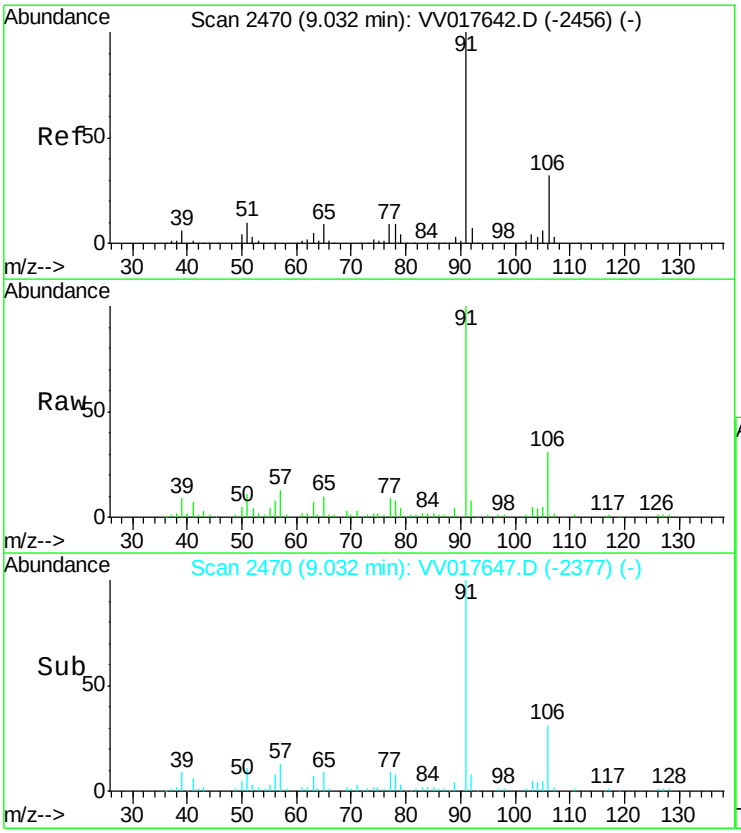
#49
Tetrachloroethene
Concen: 0.140 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Tgt Ion:164 Resp: 1612

Ion	Ratio	Lower	Upper
164	100		
129	58.9	65.0	120.8#
131	83.4	63.6	118.2
166	76.2	91.7	170.3#

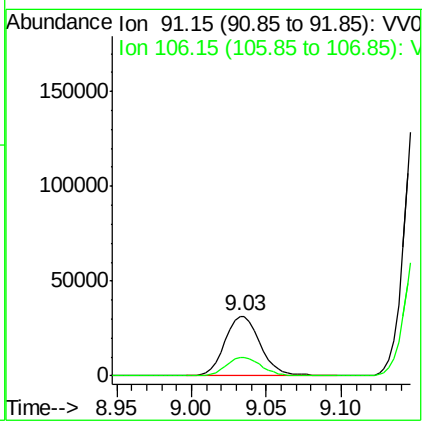


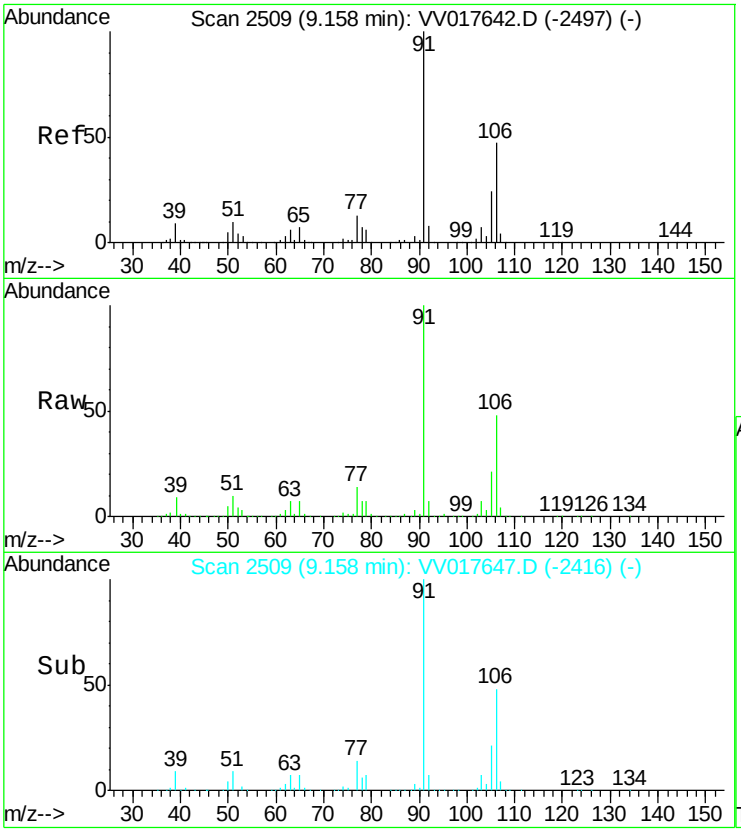


#54
Ethylbenzene
Concen: 0.901 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Tgt Ion: 91 Resp: 51355

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.6	40.2



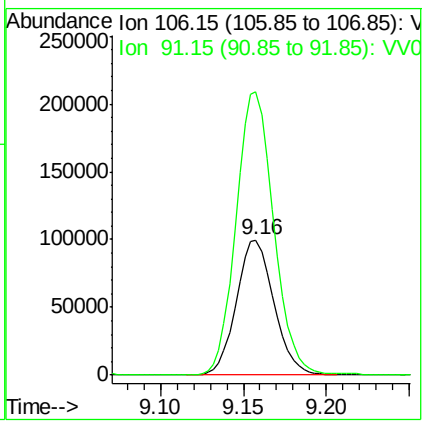


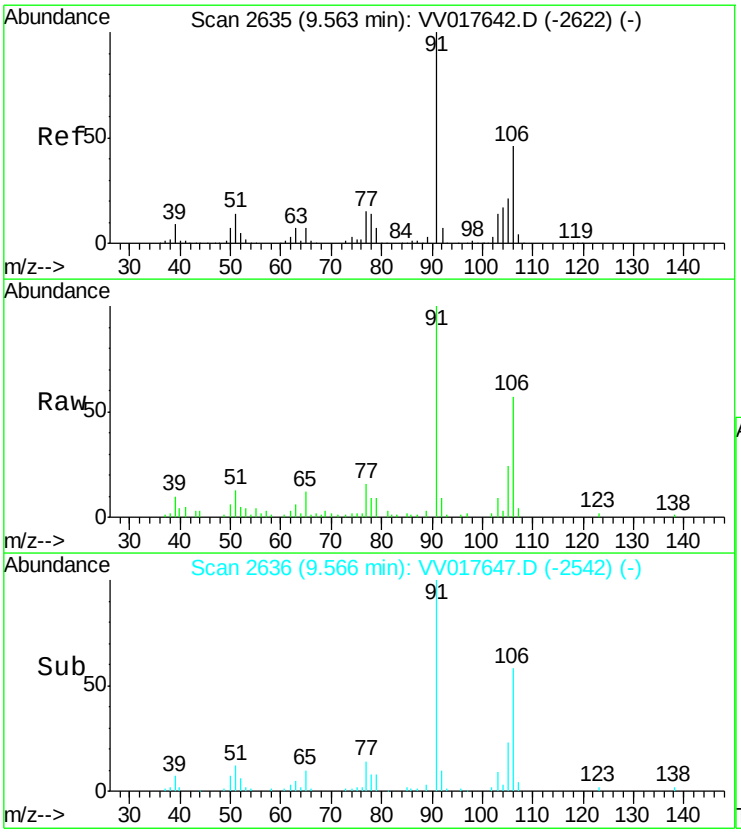
#55
m,p-xylene
Concen: 7.326 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Instrument :
MSVOA_V
ClientSampleId :
GAY25DL

Tgt Ion:106 Resp: 157186

Ion	Ratio	Lower	Upper
106	100		
91	209.2	141.3	262.3

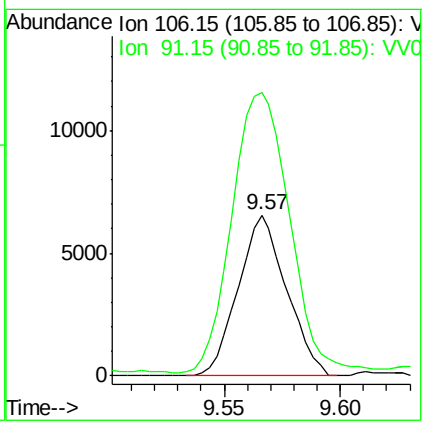


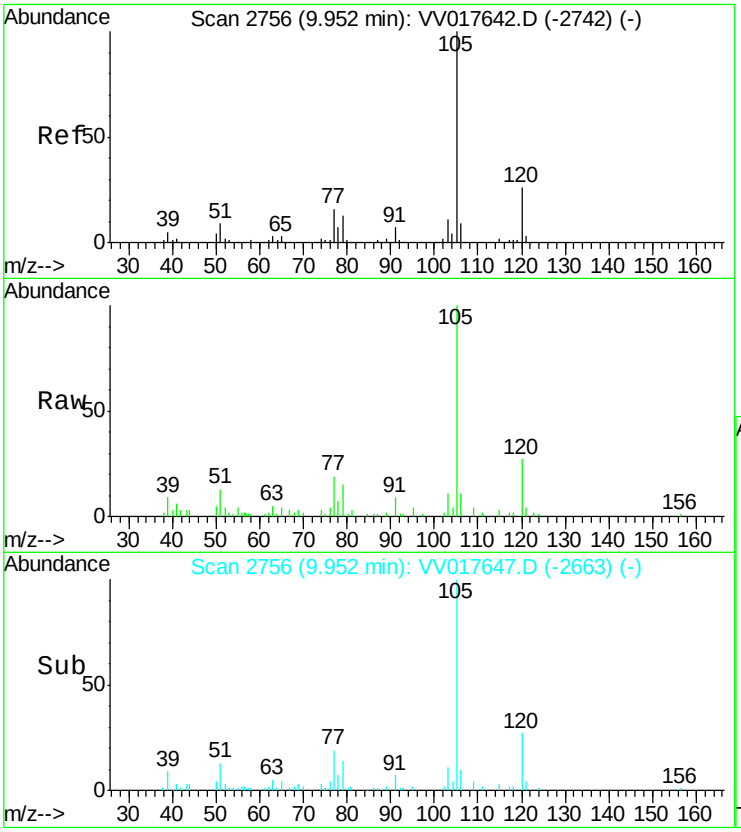


#56
o-xylene
Concen: 0.456 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Tgt Ion:106 Resp: 9493

Ion	Ratio	Lower	Upper
106	100		
91	176.0	153.9	285.7

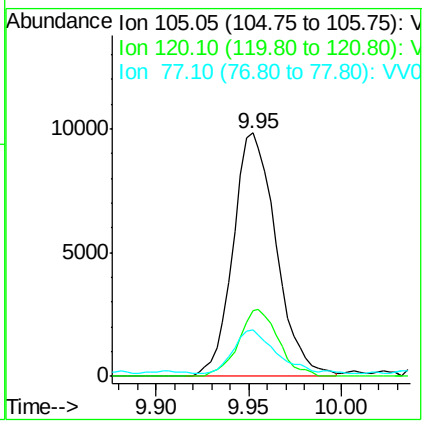




#58
Isopropylbenzene
Concen: 0.277 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV017647.D
Acq: 24 Jul 2020 14:27

Tgt Ion:105 Resp: 15932

Ion	Ratio	Lower	Upper
105	100		
120	25.4	21.1	31.7
77	19.0	13.0	19.6



Instrument :
MSVOA_V
ClientSampleId :
GAY25DL