Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060620\
Data File : VV016640.D
Acq On : 07 Jun 2020 13:17
Operator : SY/MD
Sample : L2861-07DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39DL

Quant Time: Jun 08 05:46:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 08 05:42:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350898	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324318	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154015	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	105802	42.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.14%			
7) Chloroethane-d5	1.56	69	73709	41.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.16%			
11) 1,1-Dichloroethene-d2	2.12	63	141356	32.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.16%			
21) 2-Butanone-d5	3.90	46	176263	110.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.91%			
24) Chloroform-d	4.37	84	229016	49.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.05	65	164720	52.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.48%			
32) Benzene-d6	5.07	84	454211	52.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.56%			
36) 1,2-Dichloropropane-d6	6.09	67	143192	52.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.80%			
41) Toluene-d8	7.34	98	406921	51.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.14%			
43) trans-1,3-Dichloropropene-	7.64	79	60833	46.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.22%			
47) 2-Hexanone-d5	8.11	63	124989	107.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.81%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183480	49.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.96%			
64) 1,2-Dichlorobenzene-d4	11.65	152	163426	56.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.92%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.12	96	1383	0.710	ug/L #	1
27) 1,2-Dichloroethane	5.12	62	9551	2.467	ug/L #	76
29) Cyclohexane	4.70	56	7524	1.955	ug/L #	93
33) Benzene	5.12	78	923535	96.825	ug/L	100
42) Toluene	7.41	91	1162826	115.051	ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	3244	0.912	ug/L	98
52) Ethylbenzene	9.03	91	391776	35.615	ug/L	99
53) m,p-Xylene	9.16	106	62114	14.975	ug/L	99
54) o-xylene	9.57	106	54561	13.582	ug/L	97
55) Styrene	9.57	104	4537	0.645	ug/L #	1
56) Isopropylbenzene	9.95	105	6887	0.660	ug/L #	97
69) Naphthalene	13.53	128	19009	2.084	ug/L	96

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

Quantitation Report (Not Reviewed)

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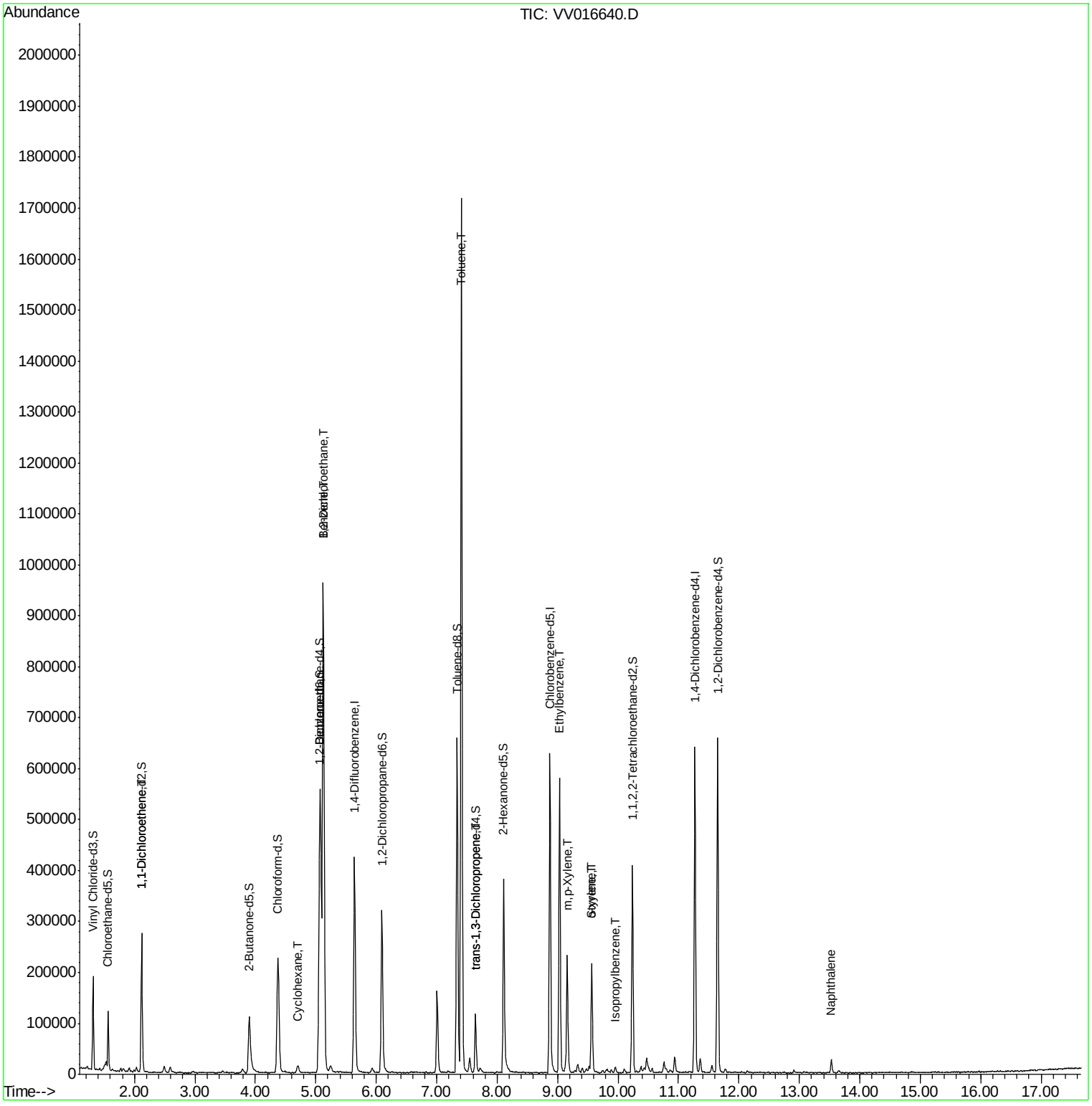
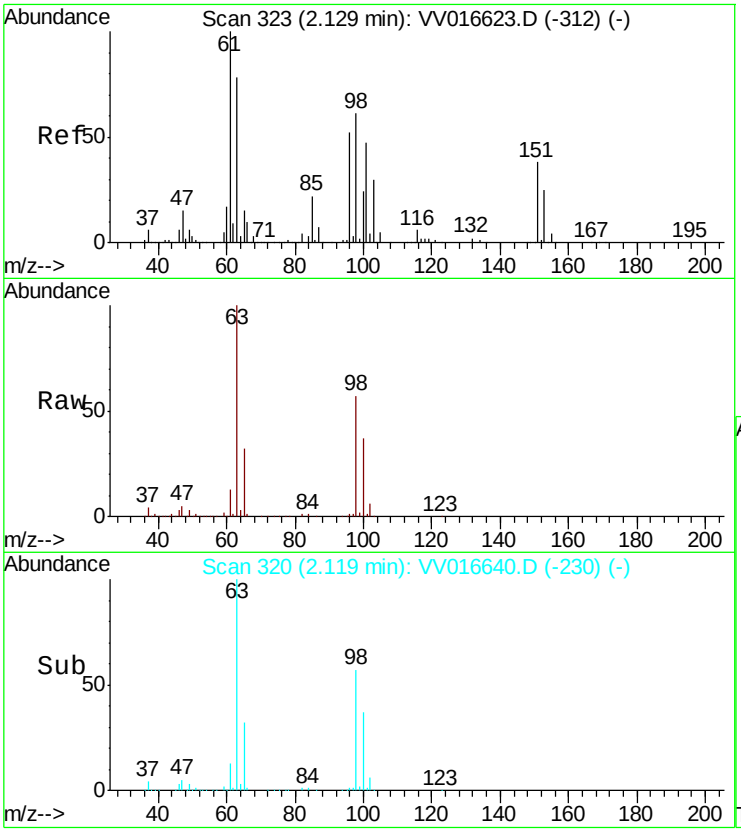
Acq On : 07 Jun 2020 13:17
Operator : SY/MD
Sample : L2861-07DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

Quant Time: Jun 08 05:46:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 08 05:42:16 2020
Response via : Initial Calibration



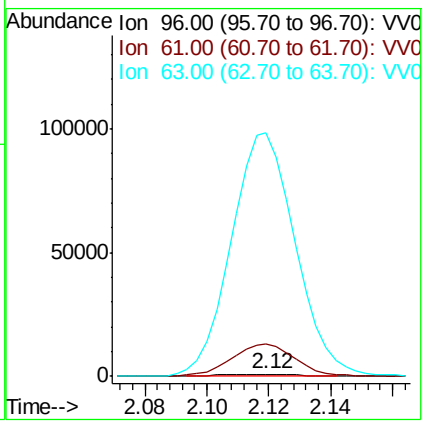


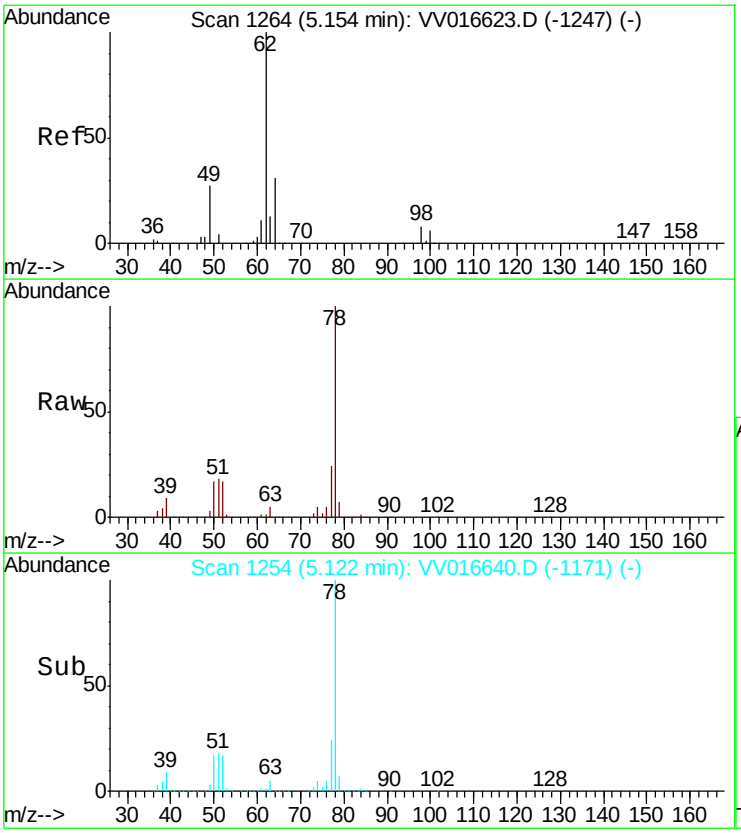
#12
1,1-Dichloroethene
Concen: 0.710 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Instrument : MSVOA_V
ClientSampleId : F9E39DL

Tgt Ion: 96 Resp: 1383

Ion	Ratio	Lower	Upper
96	100		
61	1553.7	125.5	233.1#
63	11694.6	104.0	193.1#

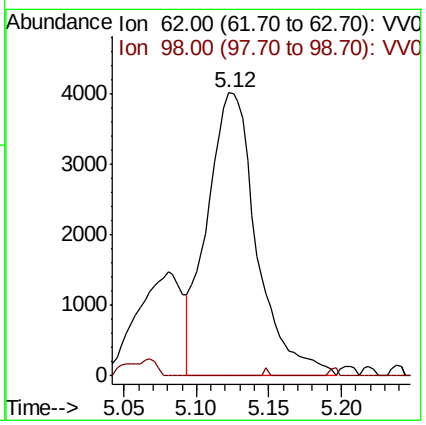


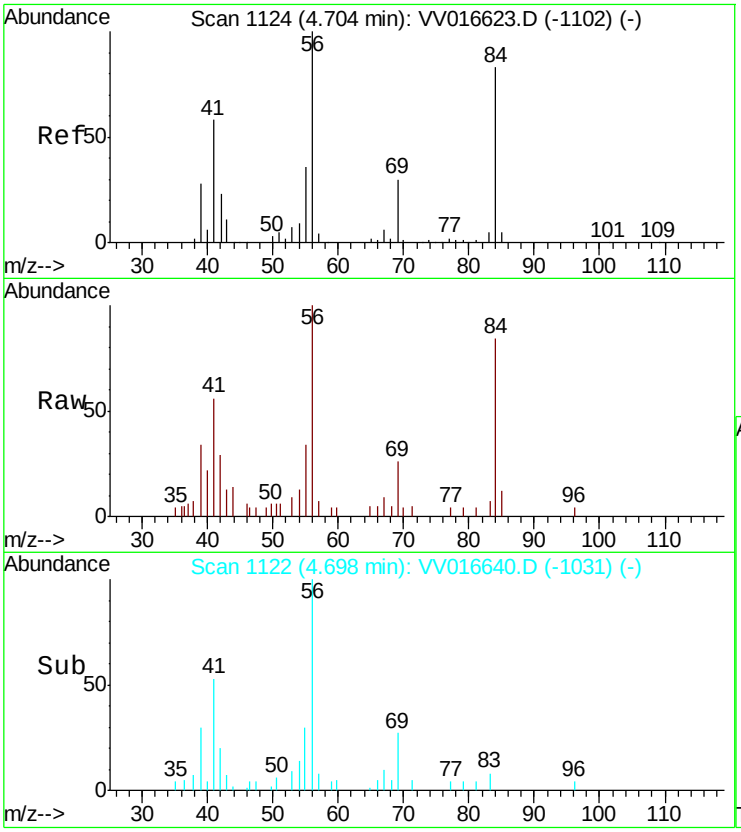


#27
1,2-Dichloroethane
Concen: 2.467 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.03 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Tgt Ion: 62 Resp: 9551

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.9	10.3#



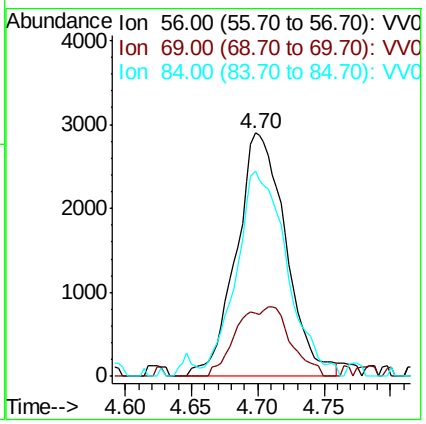


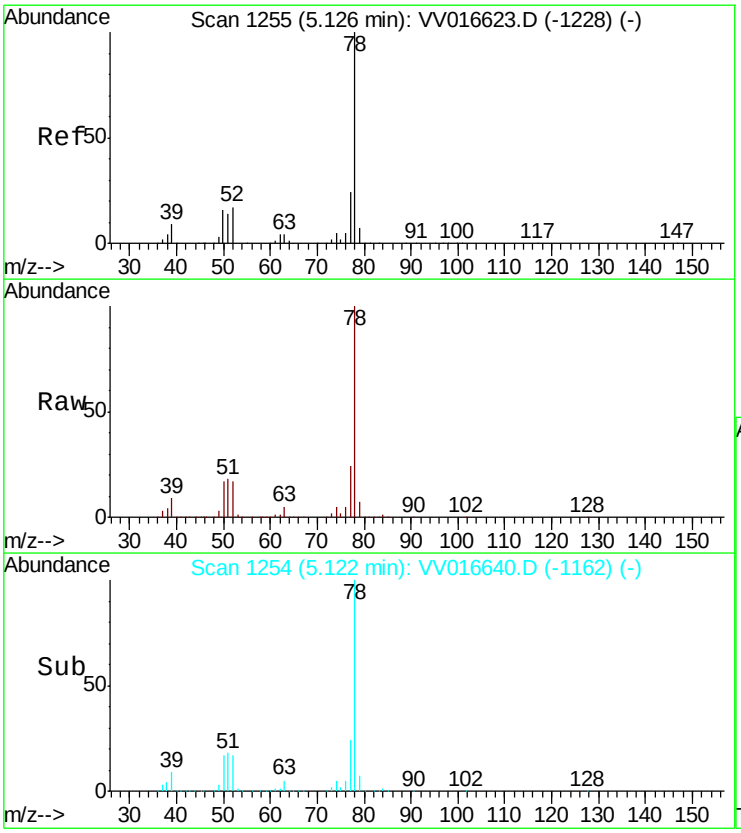
#29
Cyclohexane
Concen: 1.955 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

Tgt Ion: 56 Resp: 7524

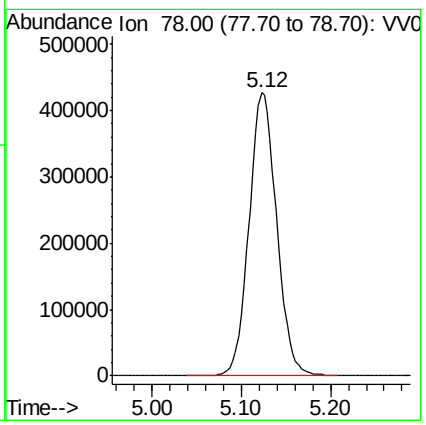
Ion	Ratio	Lower	Upper
56	100		
69	14.8	23.9	35.9#
84	85.2	68.2	102.2

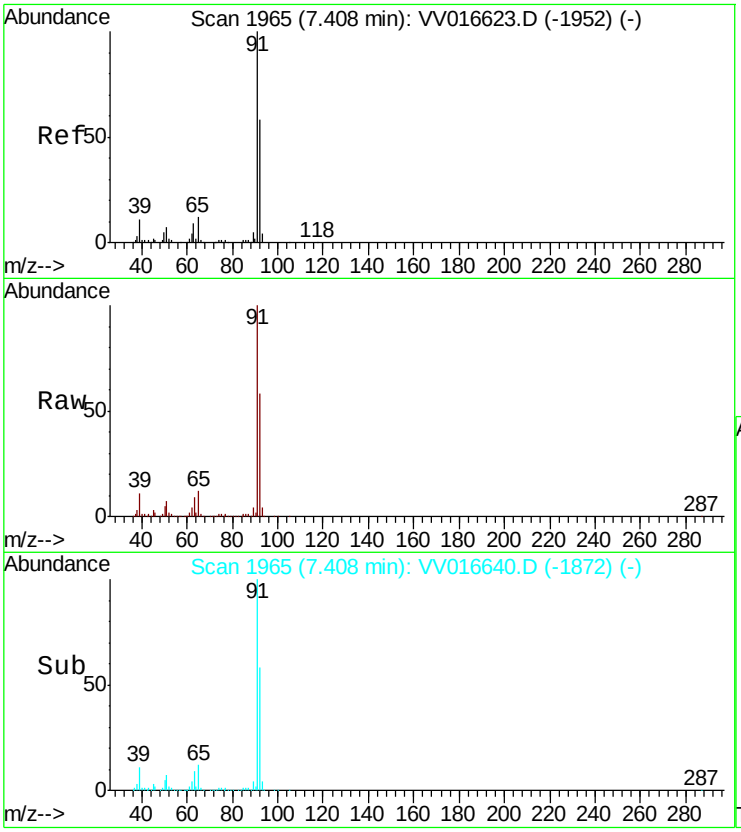




#33
Benzene
Concen: 96.825 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Tgt Ion: 78 Resp: 923535



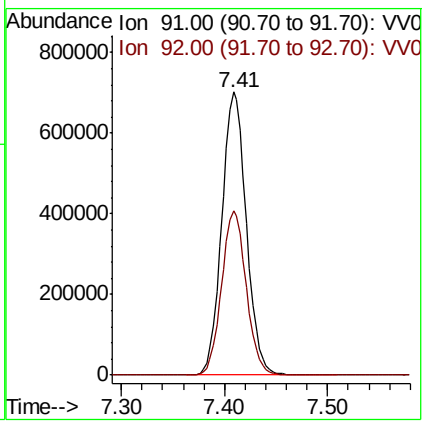


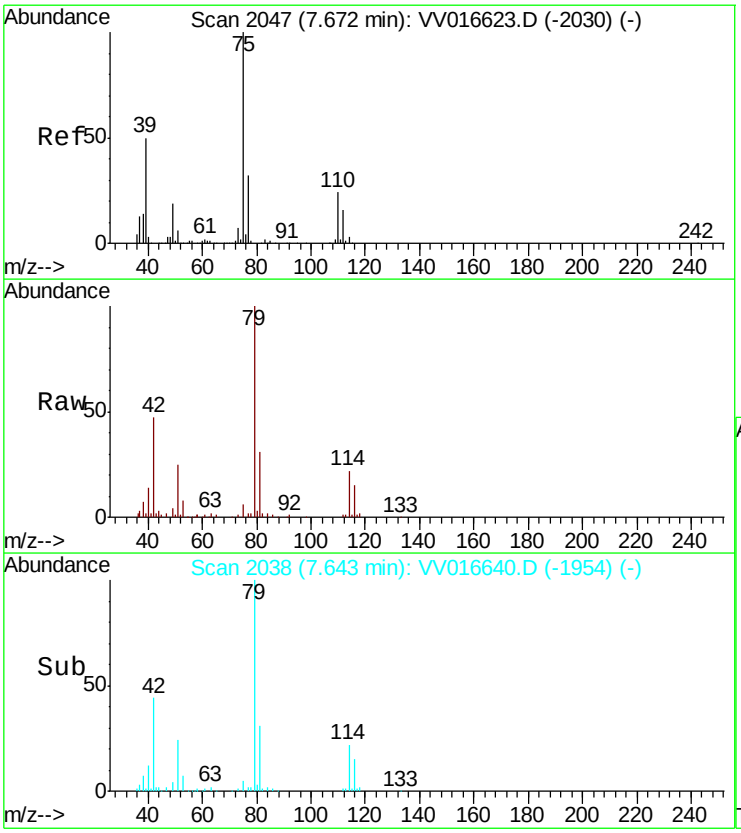
#42
Toluene
Concen: 115.051 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

Tgt Ion: 91 Resp: 1162826

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.9	75.9

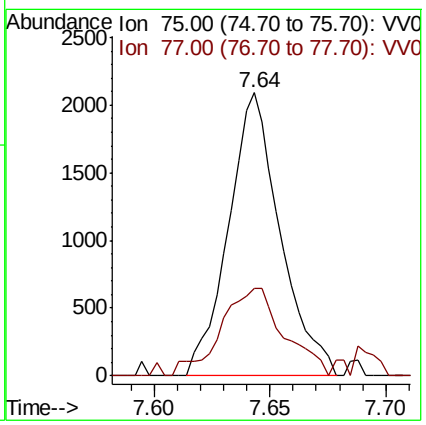


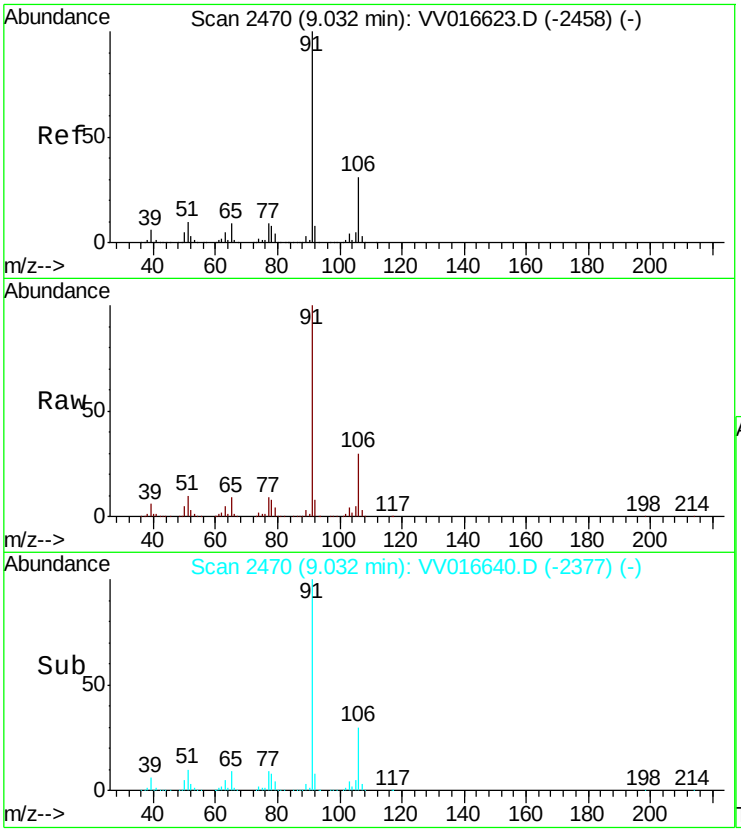


#44
trans-1,3-Dichloropropene
Concen: 0.912 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Tgt Ion: 75 Resp: 3244

Ion	Ratio	Lower	Upper
75	100		
77	30.8	22.2	41.2



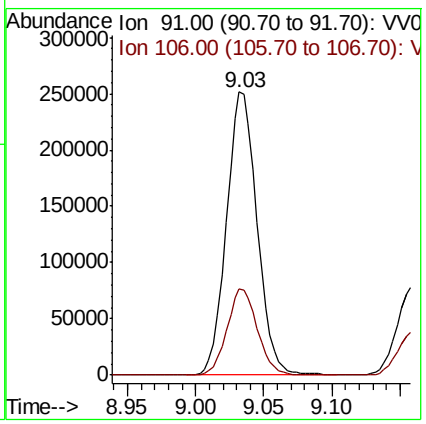


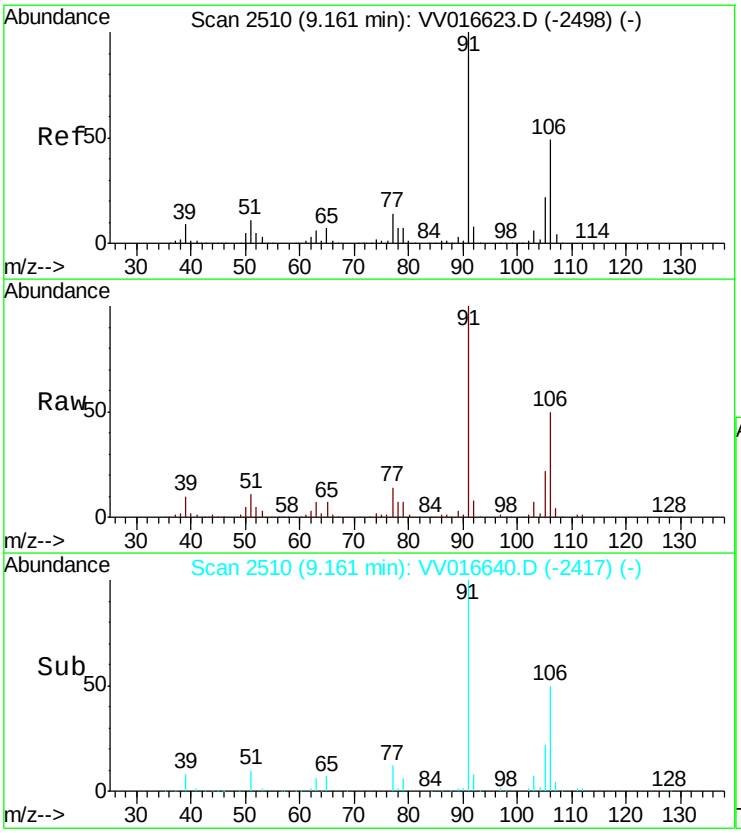
#52
Ethylbenzene
Concen: 35.615 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

Tgt Ion: 91 Resp: 391776

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.8	40.4

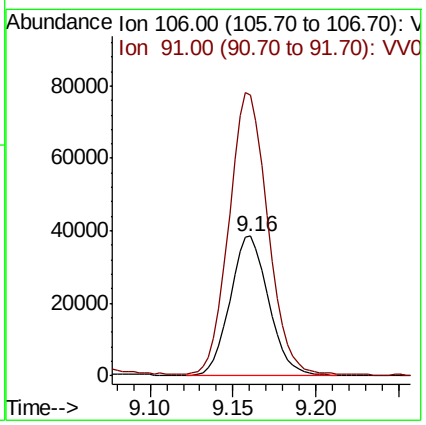


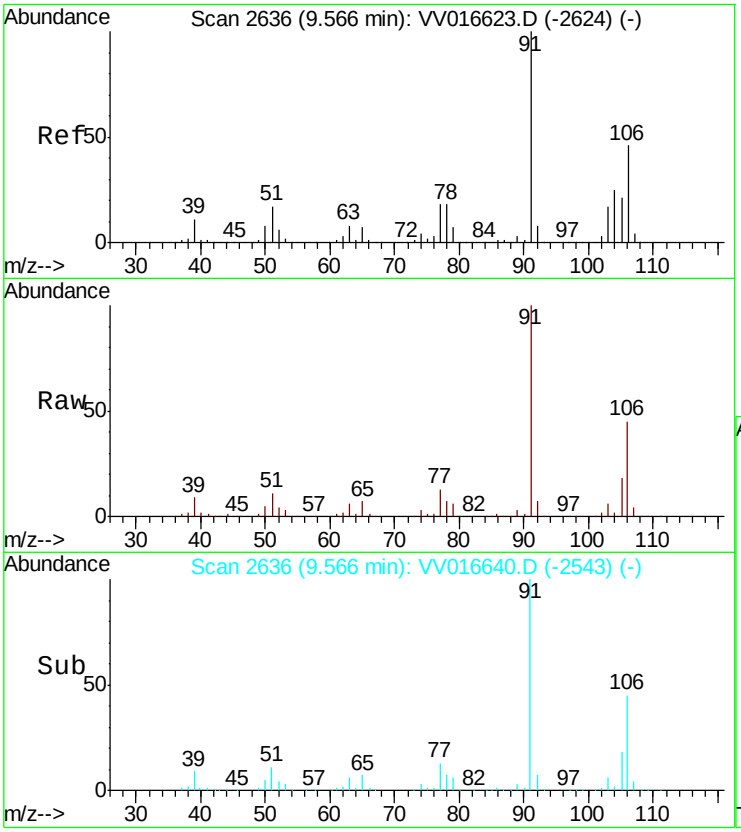


#53
m,p-Xylene
Concen: 14.975 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. -0.00 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Tgt Ion:106 Resp: 62114

Ion	Ratio	Lower	Upper
106	100		
91	201.7	142.5	264.6



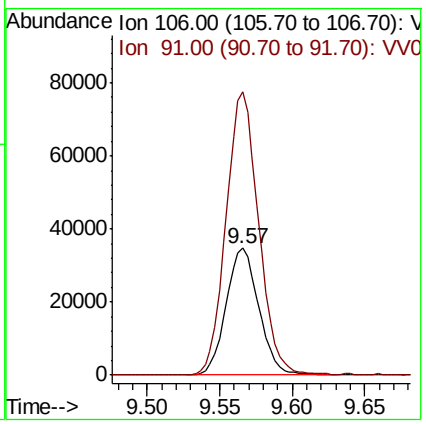


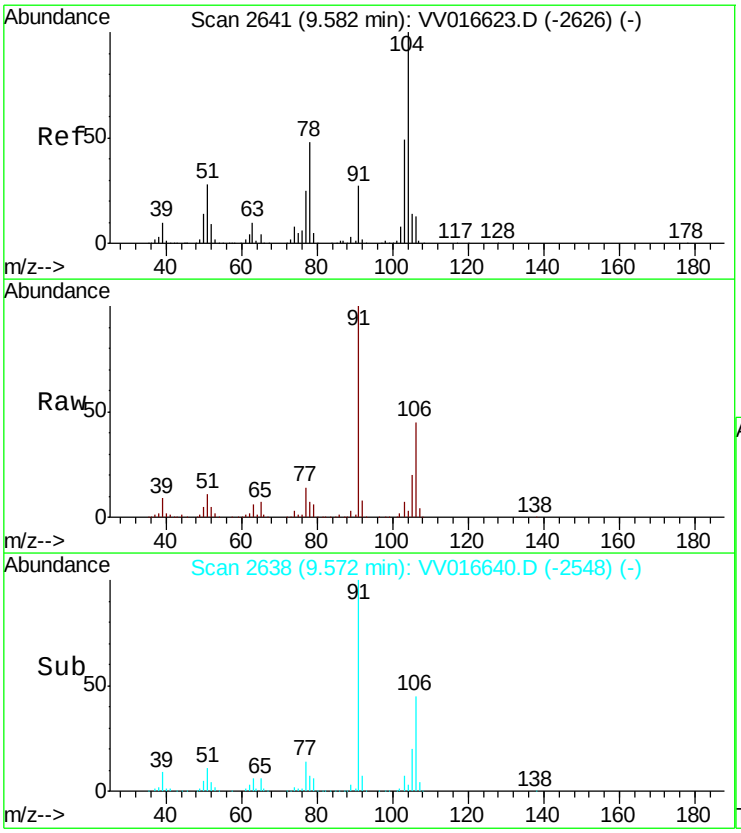
#54
o-xylene
Concen: 13.582 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

Tgt Ion:106 Resp: 54561

Ion	Ratio	Lower	Upper
106	100		
91	223.2	152.5	283.1

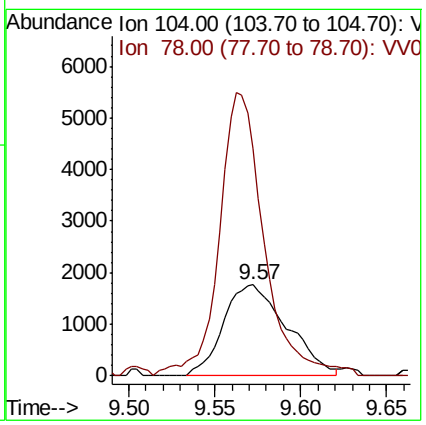


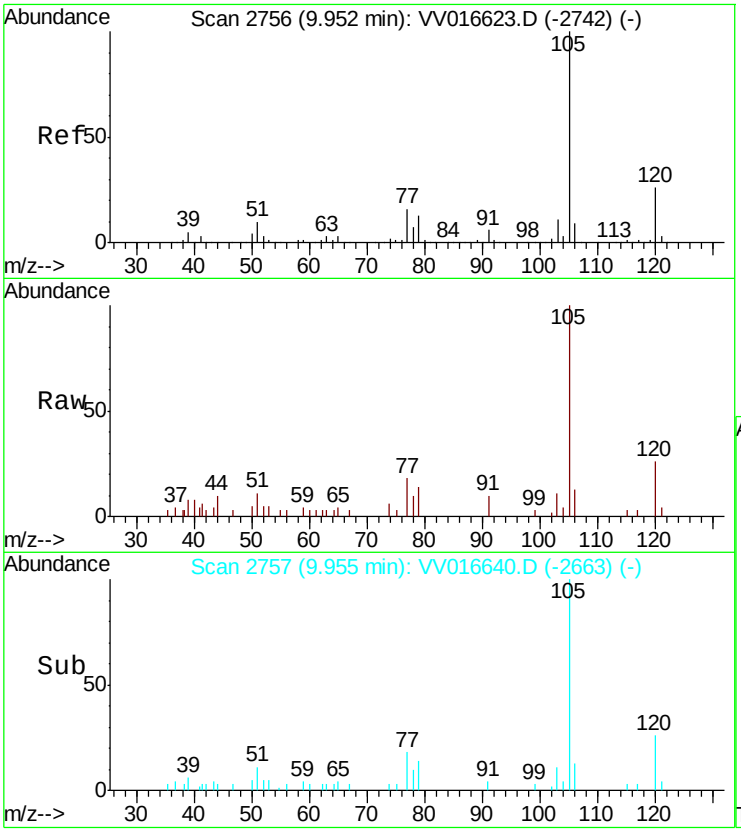


#55
Styrene
Concen: 0.645 ug/L
RT: 9.57 min Scan# 2638
Delta R.T. -0.01 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Tgt Ion:104 Resp: 4537

Ion	Ratio	Lower	Upper
104	100		
78	249.7	31.9	59.3#



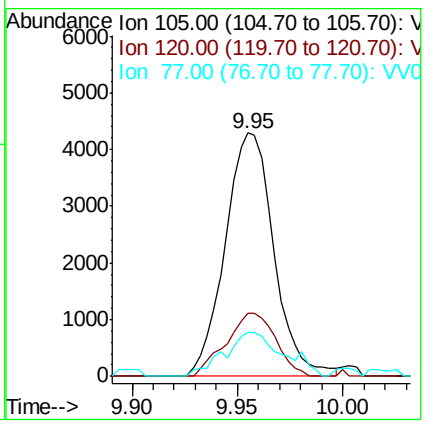


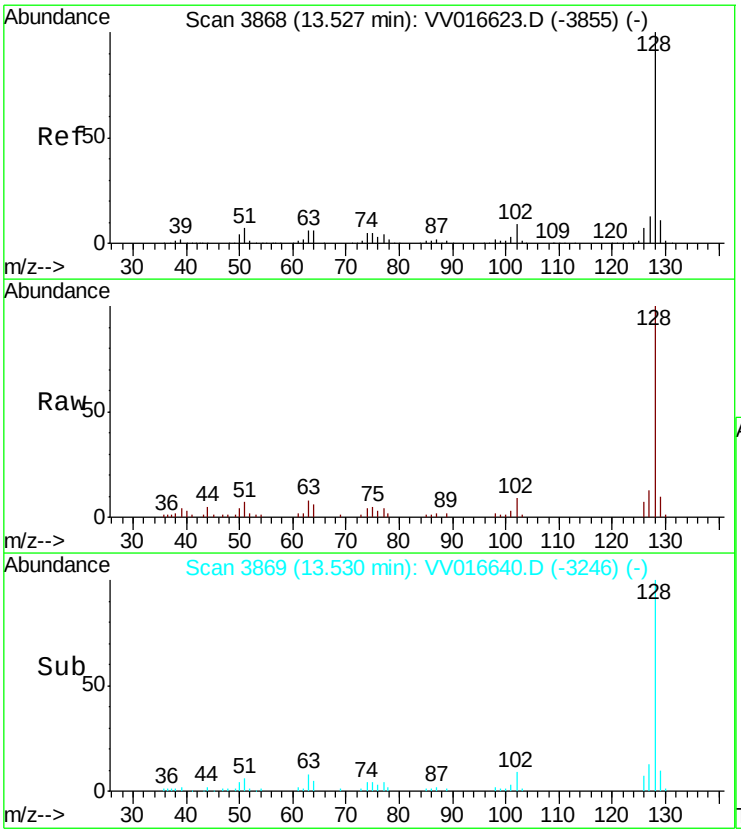
#56
Isopropylbenzene
Concen: 0.660 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

Tgt Ion:105 Resp: 6887

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.0	31.6
77	12.7	13.0	19.4#





#69
Naphthalene
Concen: 2.084 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016640.D
Acq: 07 Jun 2020 13:17

Tgt Ion:128 Resp: 19009

Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.2	15.4
129	10.5	8.7	13.1