Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017401.D
Acq On : 09 Jul 2020 16:25
Operator : SY/MD
Sample : L3254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A50

Quant Time: Jul 10 04:33:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 10 04:00:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	245512	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	233294	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127180	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58660	45.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.80%			
7) Chloroethane-d5	1.58	69	43065	47.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.92%			
11) 1,1-Dichloroethene-d2	2.12	63	102174	35.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.62%			
21) 2-Butanone-d5	3.91	46	88513	101.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.39%			
24) Chloroform-d	4.38	84	142548	48.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.44%			
26) 1,2-Dichloroethane-d4	5.06	65	103879	51.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.38%			
32) Benzene-d6	5.08	84	255794	50.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.52%			
36) 1,2-Dichloropropane-d6	6.09	67	73463	50.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.24%			
41) Toluene-d8	7.34	98	237730	49.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.14%			
43) trans-1,3-Dichloropropene-	7.64	79	41734	49.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.82%			
47) 2-Hexanone-d5	8.11	63	63679	106.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.92%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103178	50.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.28%			
64) 1,2-Dichlorobenzene-d4	11.65	152	109639	51.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.12%			
Target Compounds						Qvalue
13) Acetone	2.19	43	9379	7.892	ug/L	88
29) Cyclohexane	4.71	56	6322	2.599	ug/L	94
33) Benzene	5.13	78	8017	1.300	ug/L	100
35) Methylcyclohexane	6.16	83	3962	1.478	ug/L	98
42) Toluene	7.41	91	43841	6.360	ug/L	97
46) Tetrachloroethene	8.00	164	2030	1.320	ug/L	86
52) Ethylbenzene	9.03	91	147206	18.671	ug/L	99
53) m,p-Xylene	9.16	106	308661	104.572	ug/L	99
54) o-xylene	9.56	106	409191	144.328	ug/L	98
56) Isopropylbenzene	9.95	105	35480	4.498	ug/L	97

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

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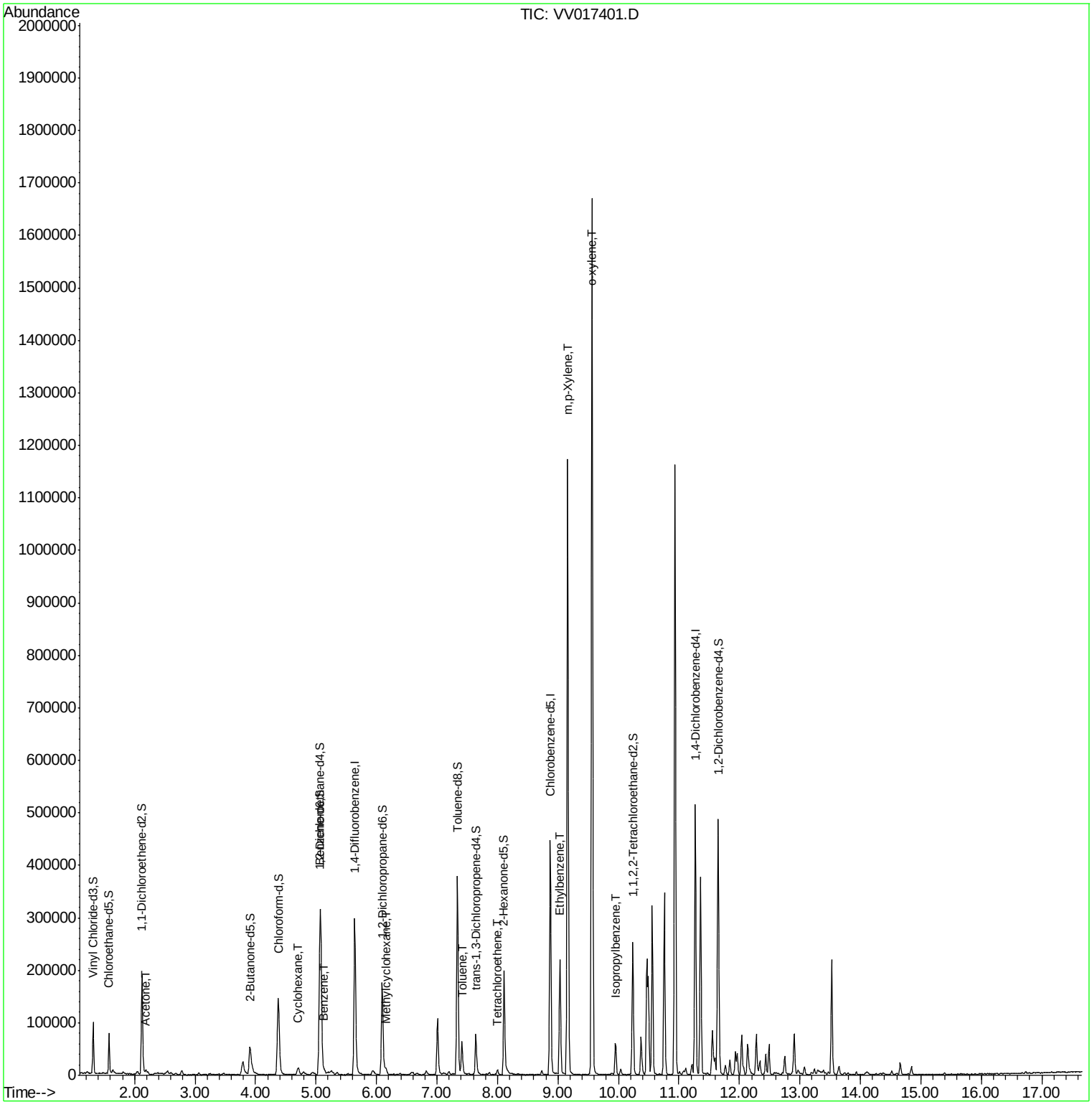
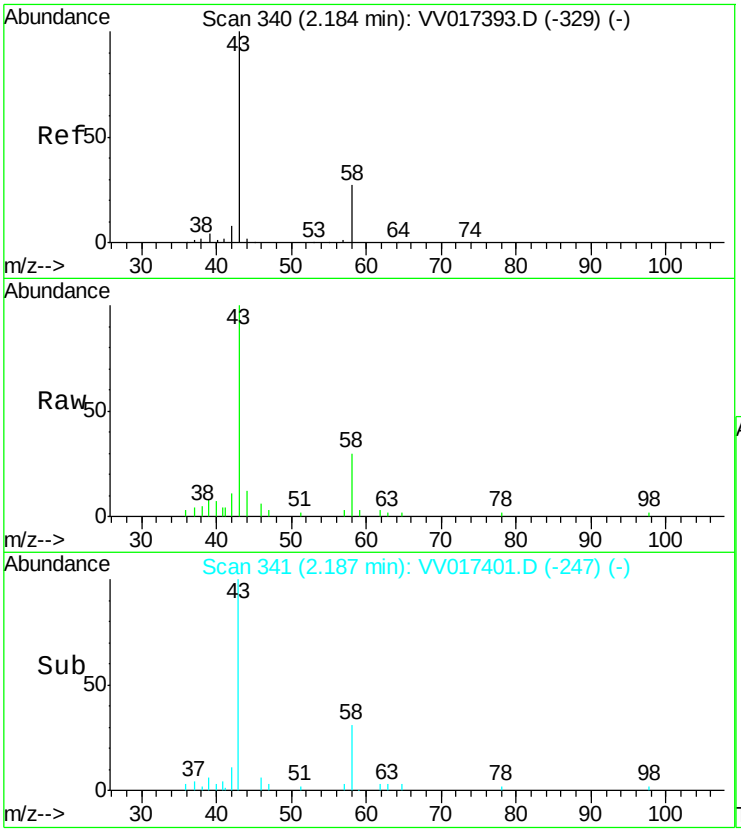
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4A50

Quant Time: Jul 10 04:33:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 10 04:00:27 2020
Response via : Initial Calibration



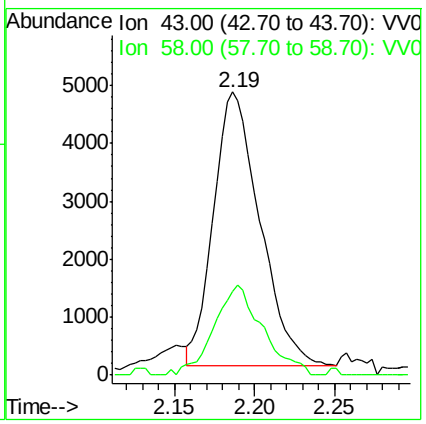


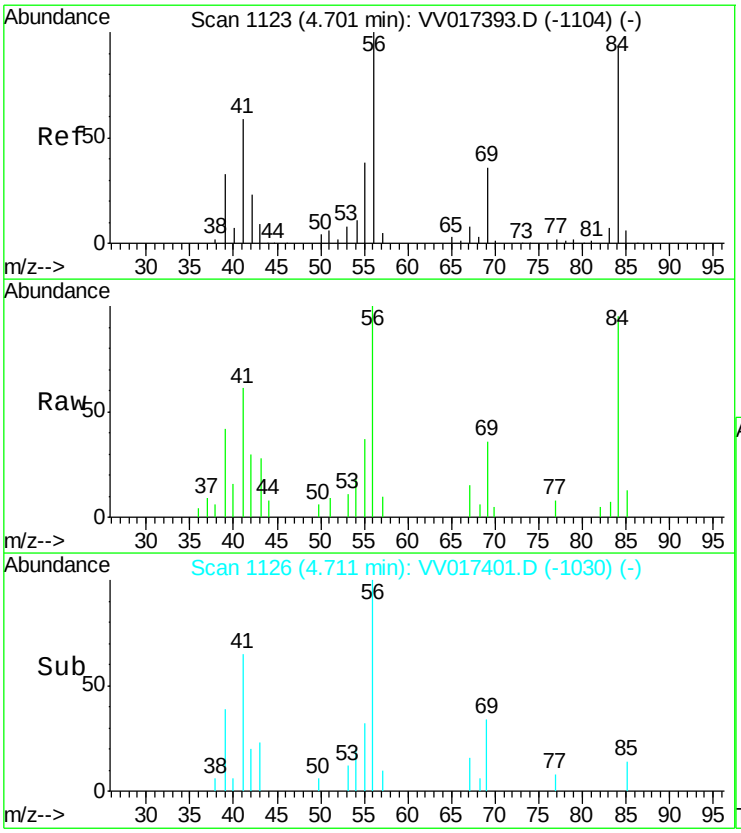
#13
Acetone
Concen: 7.892 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Instrument :
MSVOA_V
ClientSampleId :
F4A50

Tgt Ion: 43 Resp: 9379

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	56.0

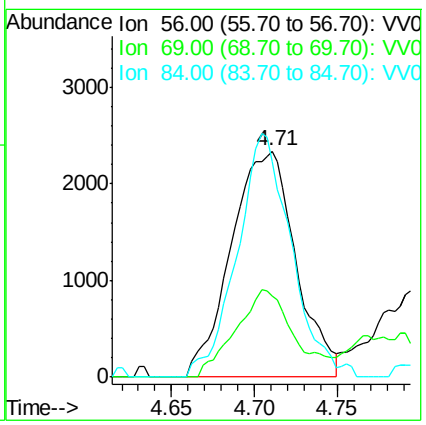


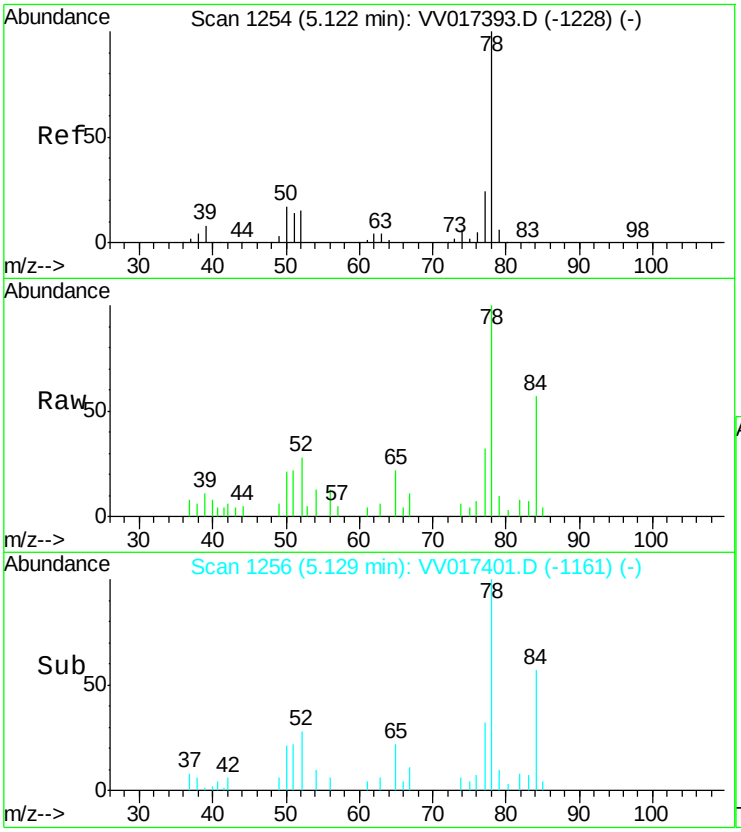


#29
Cyclohexane
Concen: 2.599 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Tgt Ion: 56 Resp: 6322

Ion	Ratio	Lower	Upper
56	100		
69	32.1	27.0	40.4
84	89.4	77.4	116.0

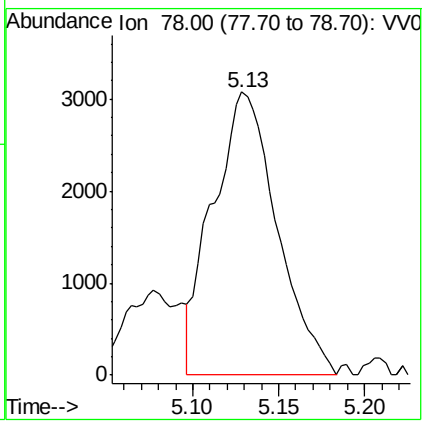


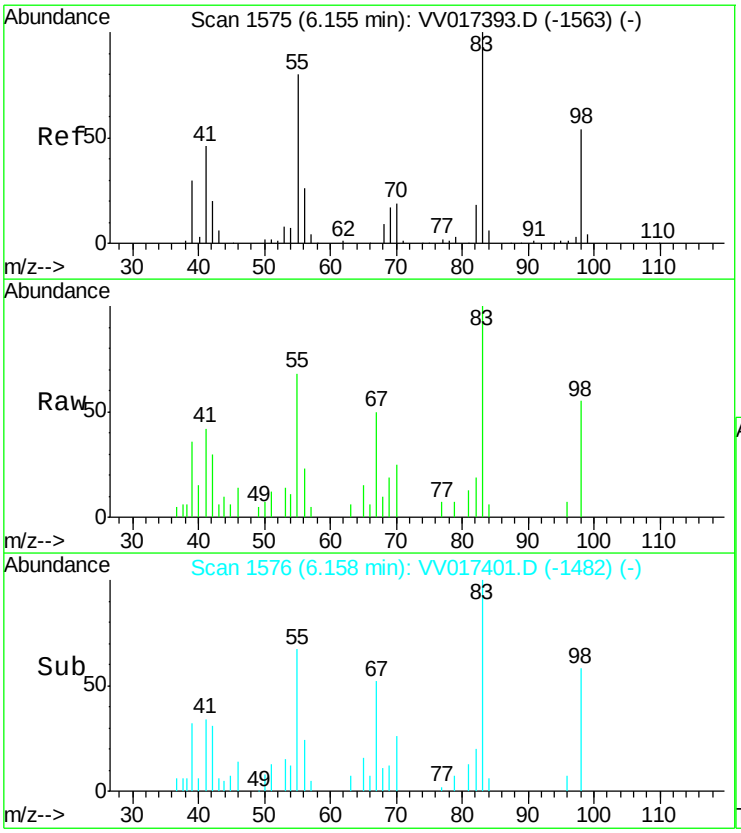


#33
Benzene
Concen: 1.300 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Instrument :
MSVOA_V
ClientSampleId :
F4A50

Tgt Ion: 78 Resp: 8017

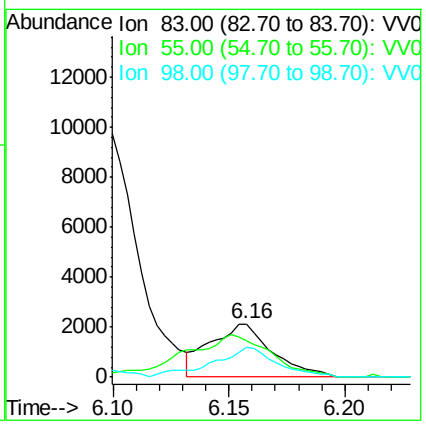


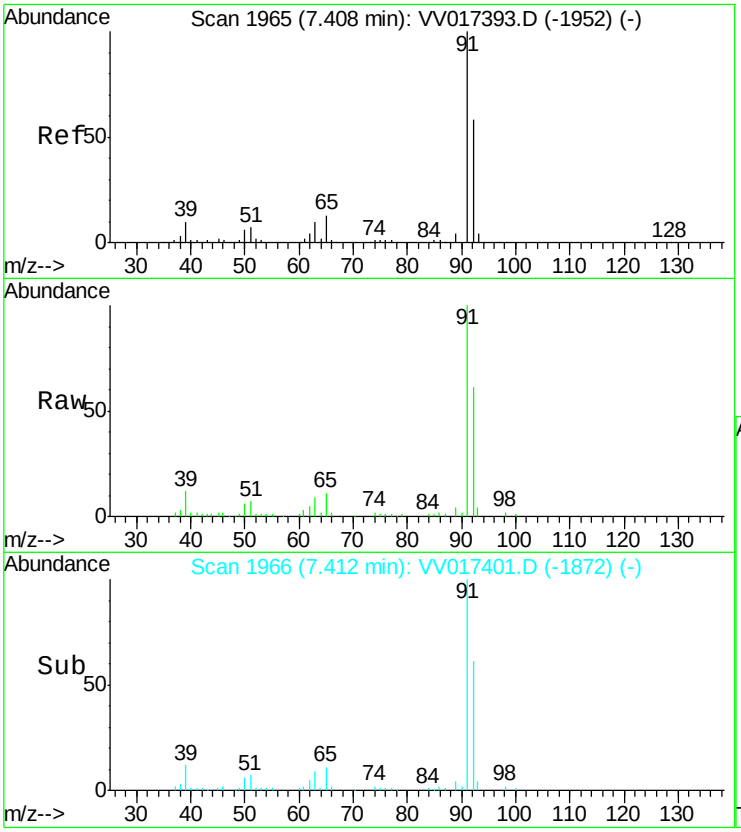


#35
Methylcyclohexane
Concen: 1.478 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Tgt Ion: 83 Resp: 3962

Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.0	91.6
98	52.0	41.3	61.9



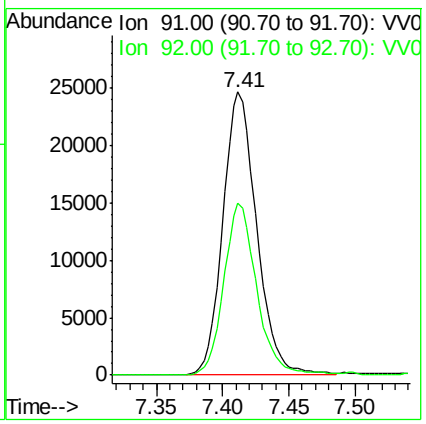


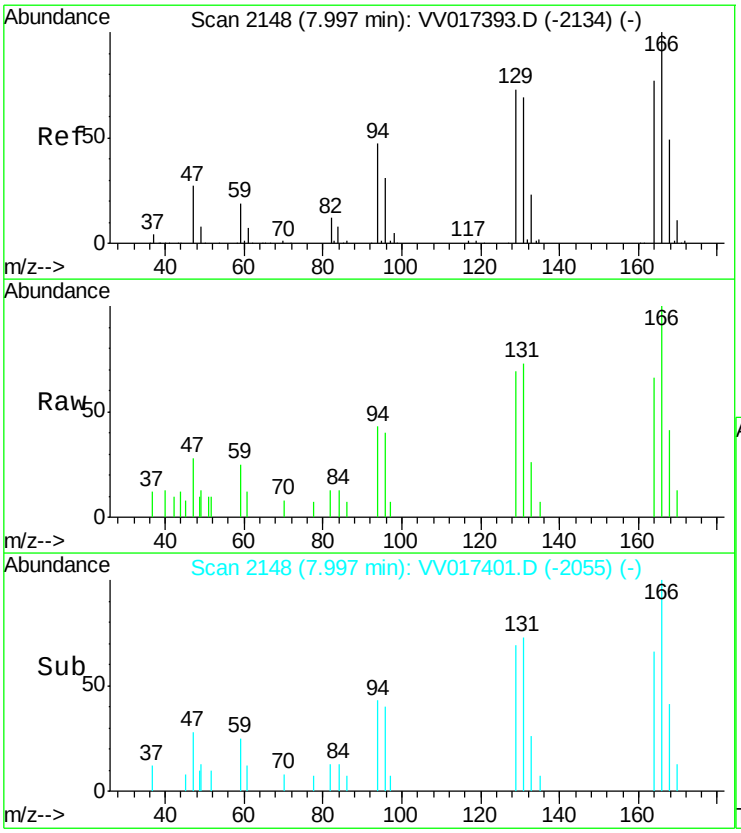
#42
Toluene
Concen: 6.360 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Instrument :
MSVOA_V
ClientSampleId :
F4A50

Tgt Ion: 91 Resp: 43841

Ion	Ratio	Lower	Upper
91	100		
92	60.8	40.8	75.8

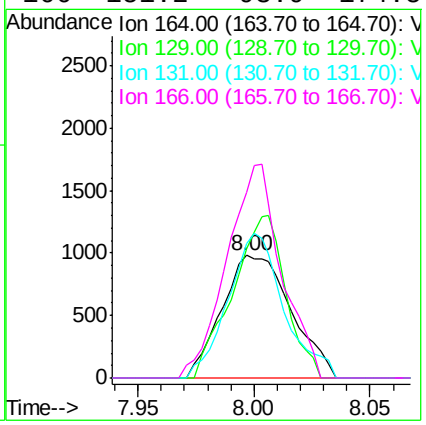


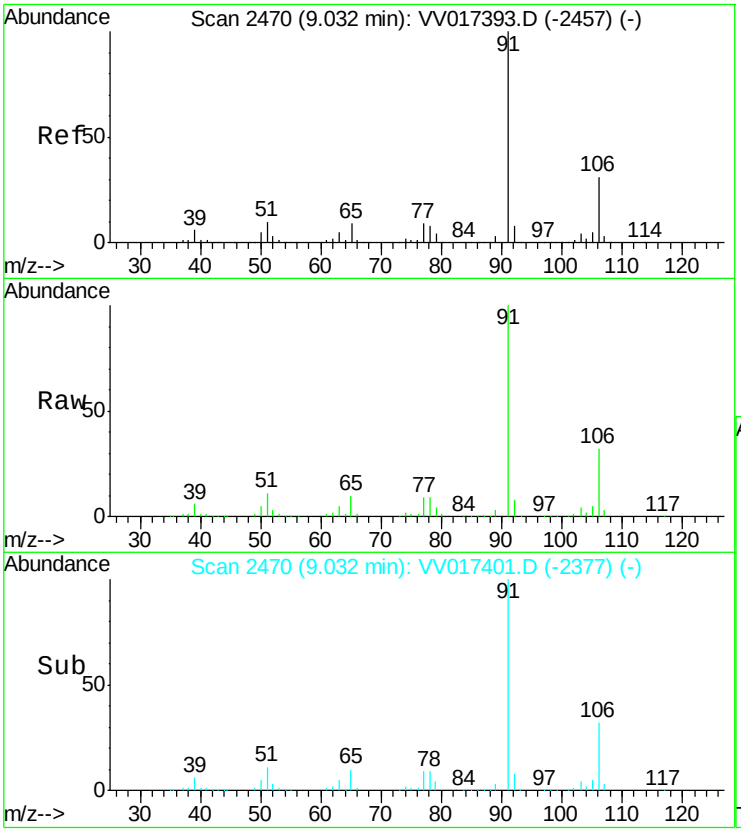


#46
Tetrachloroethene
Concen: 1.320 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Tgt Ion:164 Resp: 2030

Ion	Ratio	Lower	Upper
164	100		
129	105.0	66.6	123.8
131	110.0	65.5	121.7
166	151.2	93.9	174.5



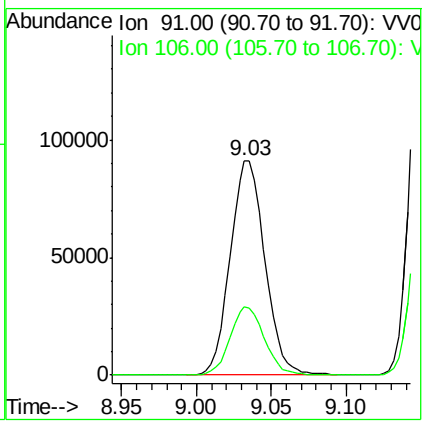


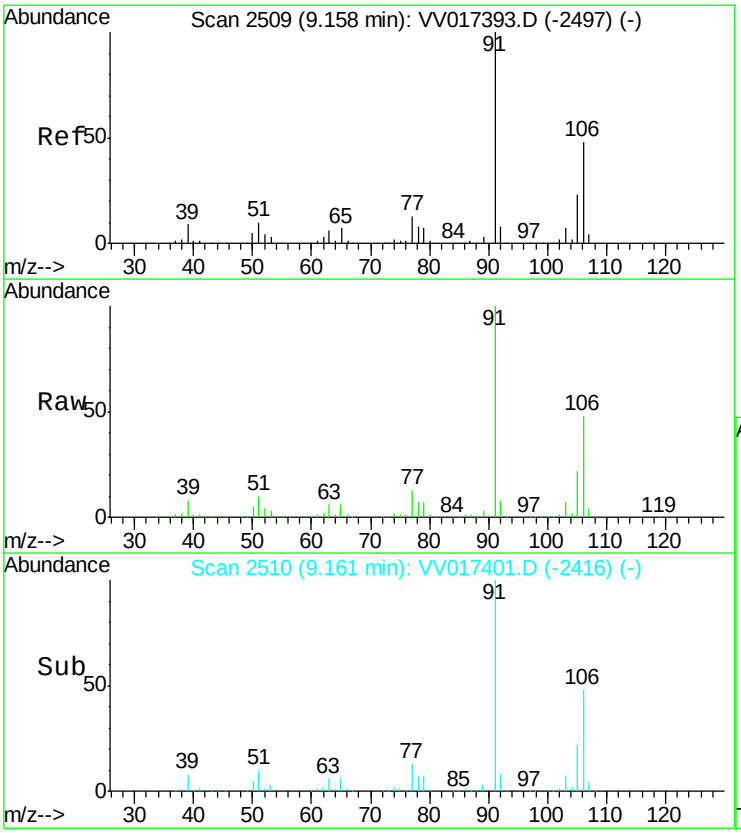
#52
Ethylbenzene
Concen: 18.671 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Instrument :
MSVOA_V
ClientSampleId :
F4A50

Tgt Ion: 91 Resp: 147206

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.8	40.6

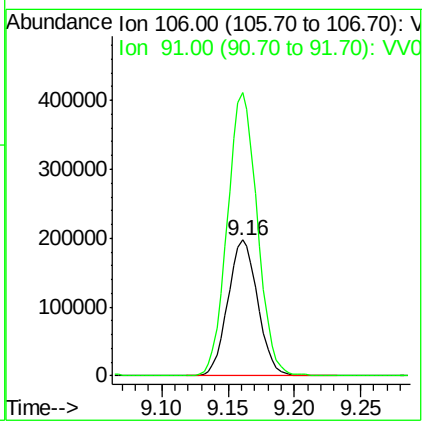


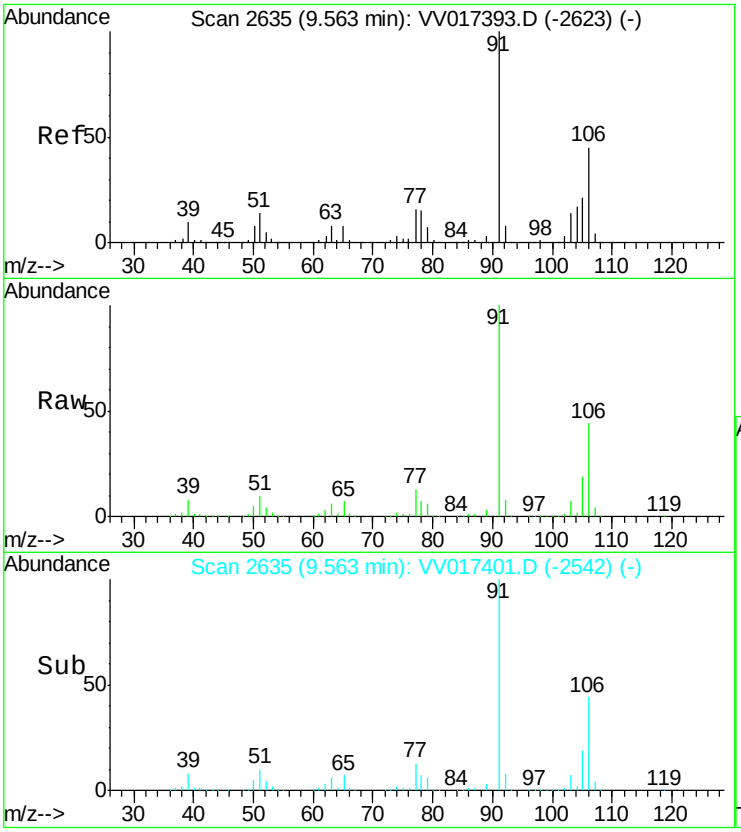


#53
m,p-Xylene
Concen: 104.572 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Tgt Ion:106 Resp: 308661

Ion	Ratio	Lower	Upper
106	100		
91	208.2	146.4	271.8



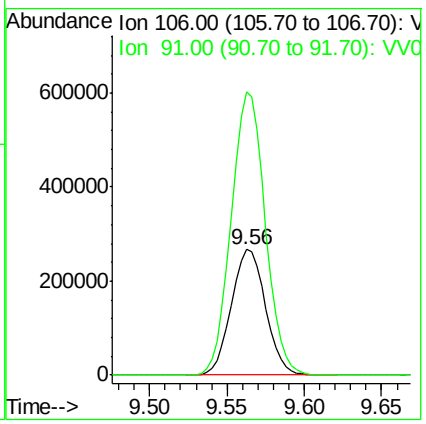


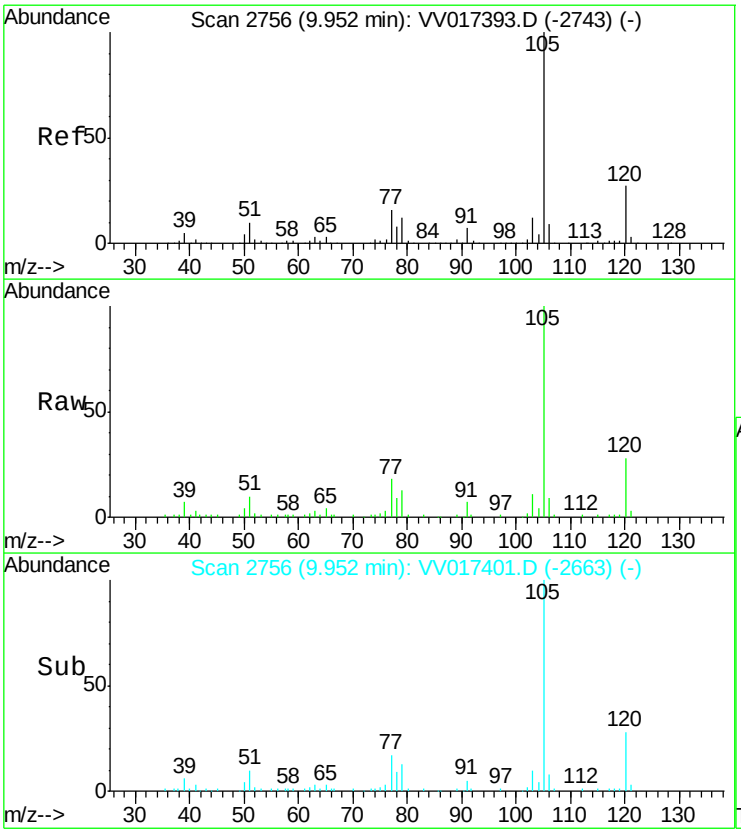
#54
o-xylene
Concen: 144.328 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Instrument :
MSVOA_V
ClientSampleId :
F4A50

Tgt Ion:106 Resp: 409191

Ion	Ratio	Lower	Upper
106	100		
91	225.7	155.6	289.0





#56
Isopropylbenzene
Concen: 4.498 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV017401.D
Acq: 09 Jul 2020 16:25

Tgt Ion:105 Resp: 35480

Ion	Ratio	Lower	Upper
105	100		
120	27.9	21.1	31.7
77	17.1	13.0	19.6