Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016887.D
Acq On : 12 Jun 2020 18:35
Operator : SY/MD
Sample : L2913-08 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D95

Quant Time: Jun 13 03:09:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362134	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340428	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173185	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	97223	38.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.10%			
7) Chloroethane-d5	1.56	69	74793	48.78	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.56%			
11) 1,1-Dichloroethene-d2	2.12	63	140279	32.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.38%			
21) 2-Butanone-d5	3.89	46	173065	91.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.51%			
24) Chloroform-d	4.37	84	227925	43.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.74%			
26) 1,2-Dichloroethane-d4	5.05	65	166018	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.94%			
32) Benzene-d6	5.07	84	444958	45.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.68%			
36) 1,2-Dichloropropane-d6	6.09	67	135320	44.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.48%			
41) Toluene-d8	7.34	98	400353	44.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.92%			
43) trans-1,3-Dichloropropene-	7.64	79	70978	44.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.10%			
47) 2-Hexanone-d5	8.11	63	101575	76.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.17%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177224	43.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.52%			
64) 1,2-Dichlorobenzene-d4	11.65	152	178074	48.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.36%			
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.12	62	24160	6.079	ug/L #	74
29) Cyclohexane	4.69	56	2706	0.640	ug/L #	1
33) Benzene	5.12	78	2215001	219.910	ug/L	100
42) Toluene	7.41	91	22063	2.078	ug/L	99
48) 2-Hexanone	8.16	43	13516	4.696	ug/L #	78
52) Ethylbenzene	9.03	91	91856	7.810	ug/L	97
53) m,p-Xylene	9.16	106	4713	1.076	ug/L	83
54) o-xylene	9.56	106	2712	0.628	ug/L	80

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

Quantitation Report (Not Reviewed)

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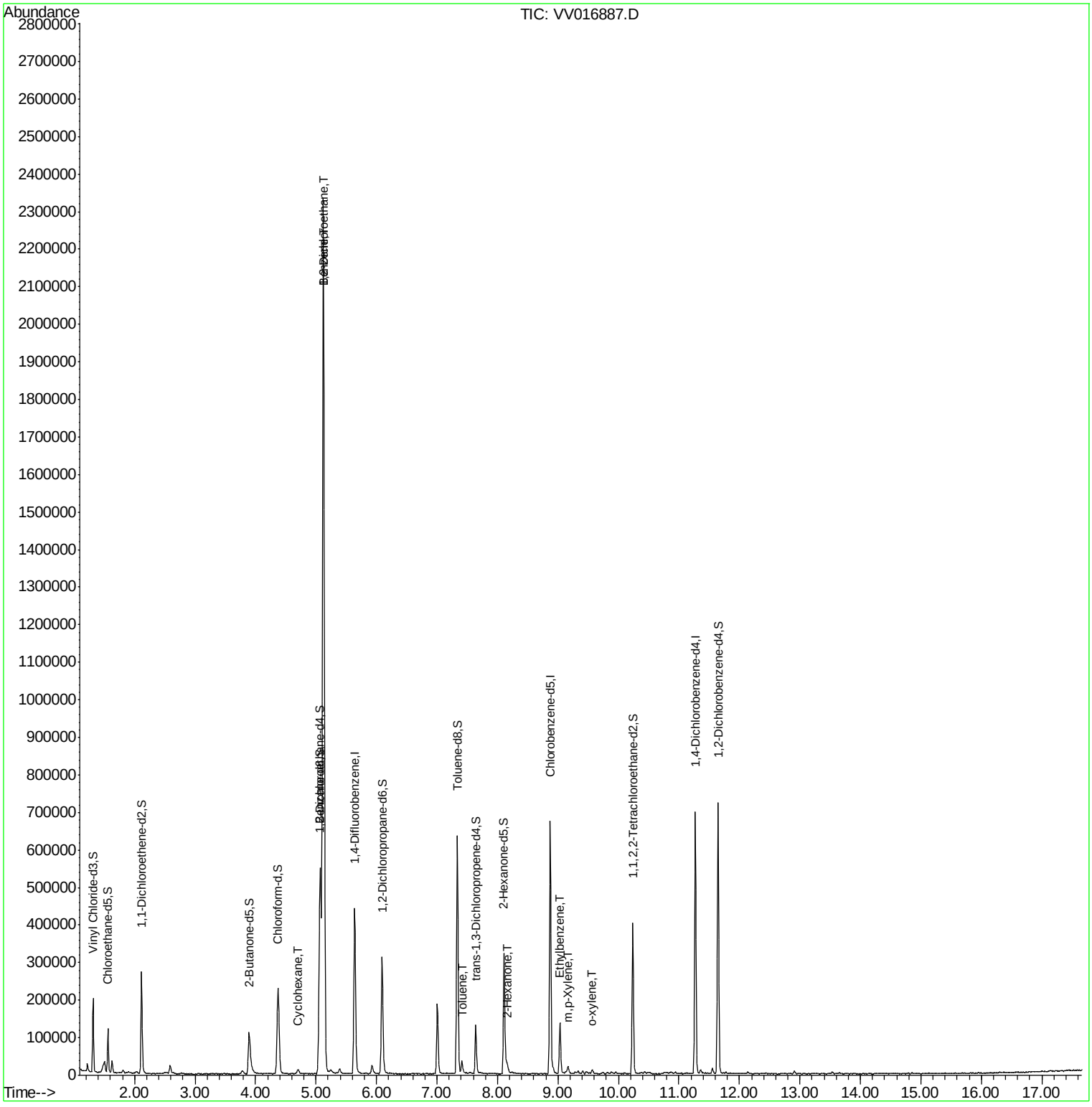
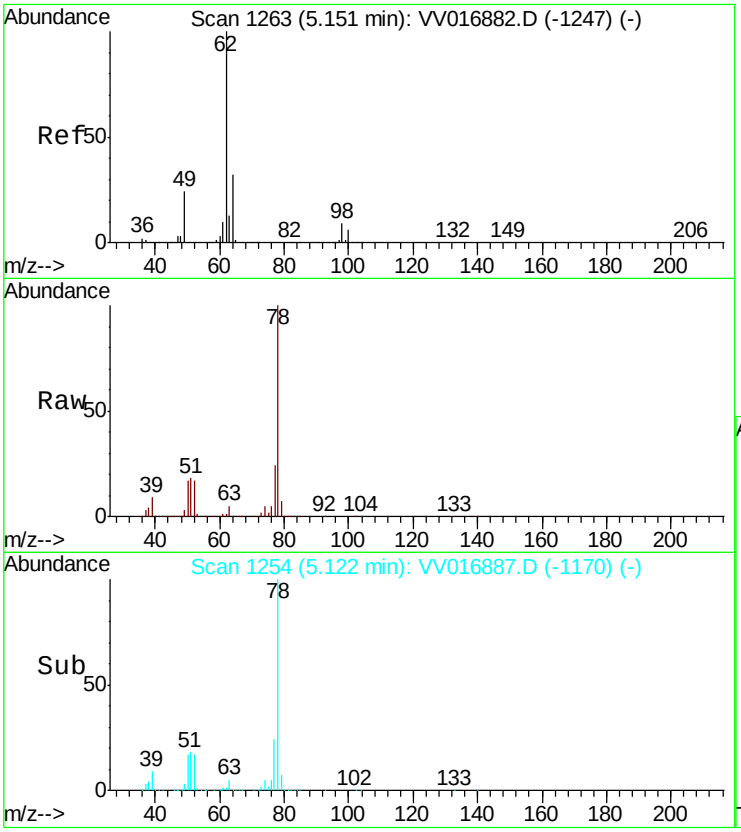
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D95

Quant Time: Jun 13 03:09:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration



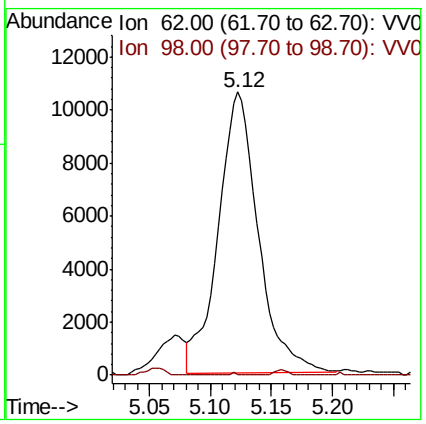


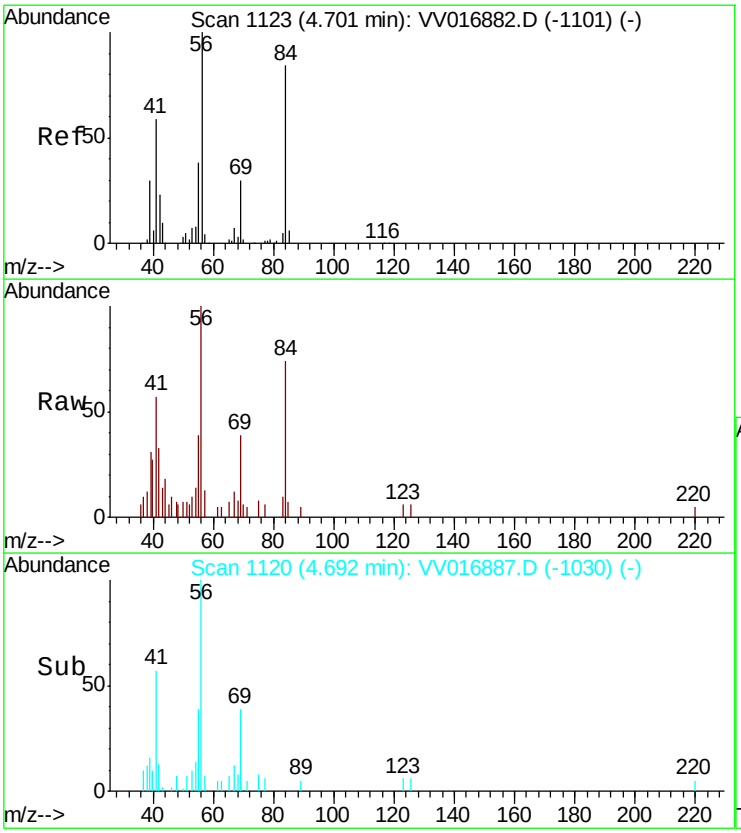
#27
1,2-Dichloroethane
Concen: 6.079 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.03 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Instrument :
MSVOA_V
ClientSampleId :
F9D95

Tgt Ion: 62 Resp: 24160

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.2#

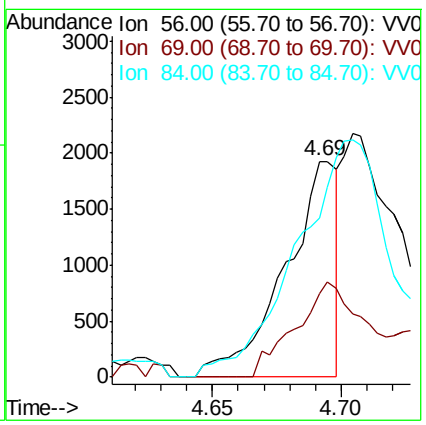


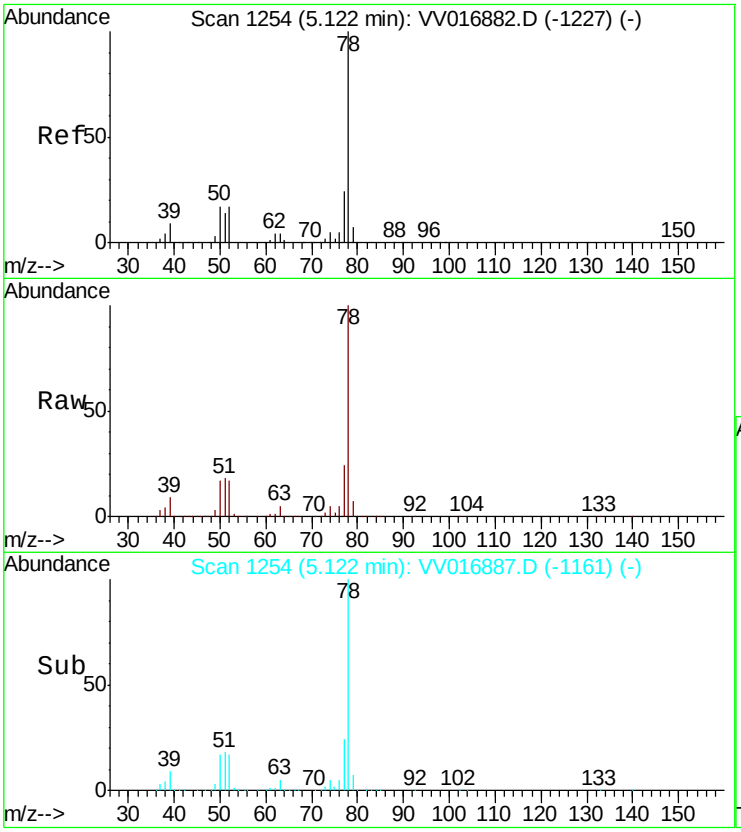


#29
Cyclohexane
Concen: 0.640 ug/L
RT: 4.69 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Tgt Ion: 56 Resp: 2706

Ion	Ratio	Lower	Upper
56	100		
69	56.9	25.0	37.4#
84	205.6	69.5	104.3#

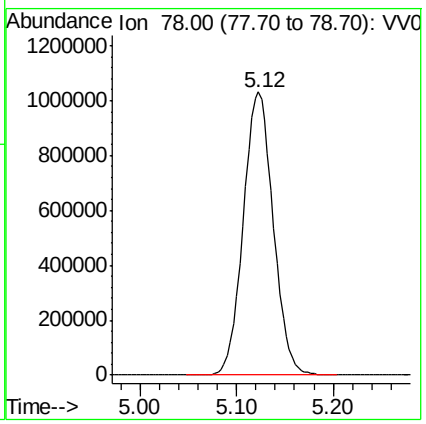


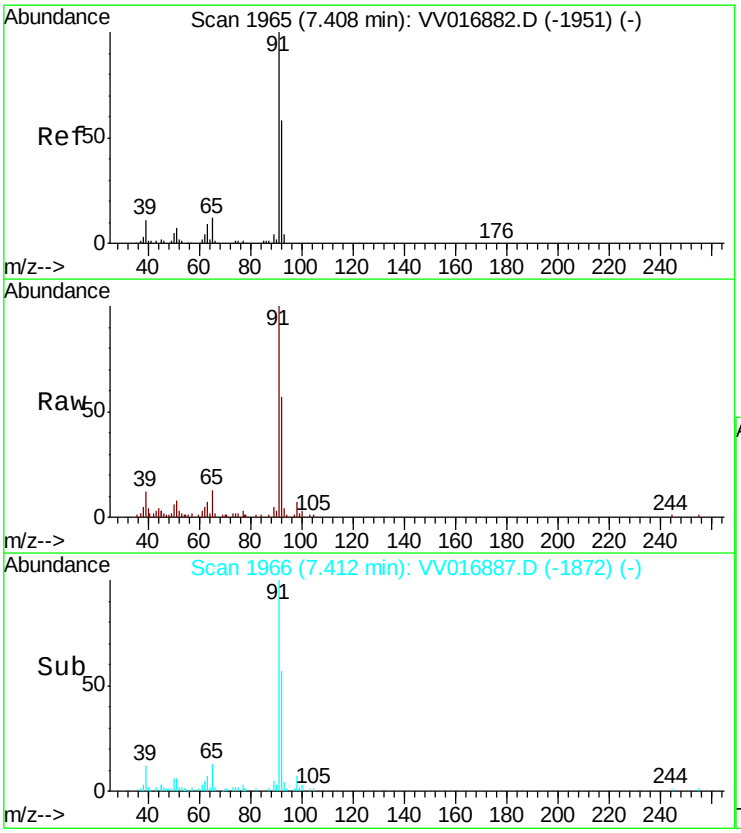


#33
Benzene
Concen: 219.910 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Instrument :
MSVOA_V
ClientSampleId :
F9D95

Tgt Ion: 78 Resp: 2215001

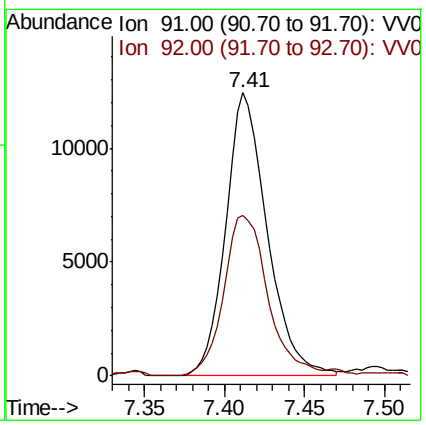


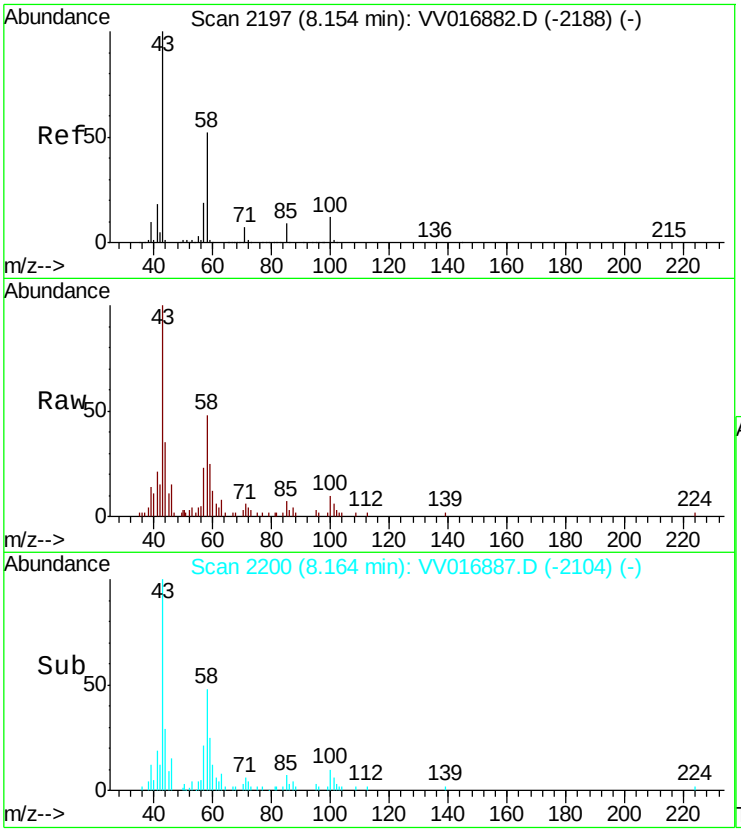


#42
Toluene
Concen: 2.078 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Tgt Ion: 91 Resp: 22063

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.4	75.0



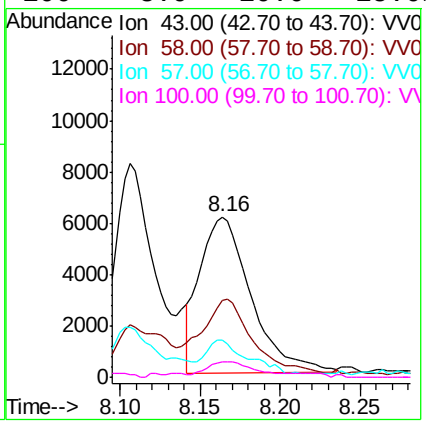


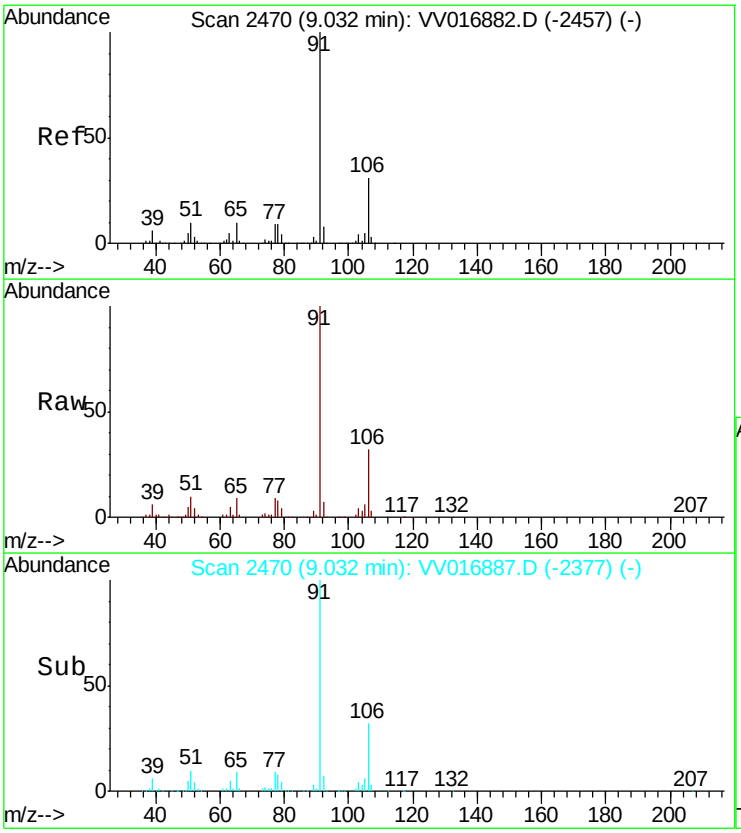
#48
2-Hexanone
Concen: 4.696 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Instrument : MSVOA_V
ClientSampleId : F9D95

Tgt Ion: 43 Resp: 13516

Ion	Ratio	Lower	Upper
43	100		
58	37.8	43.1	64.7#
57	6.5	15.3	22.9#
100	8.9	10.0	15.0#

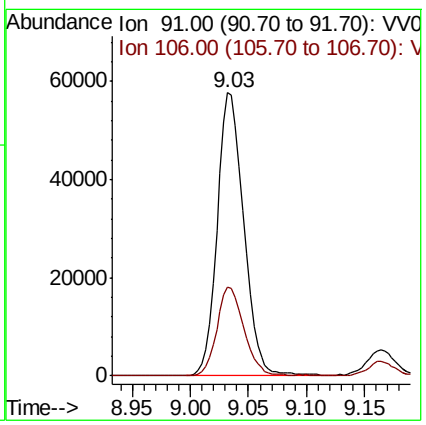


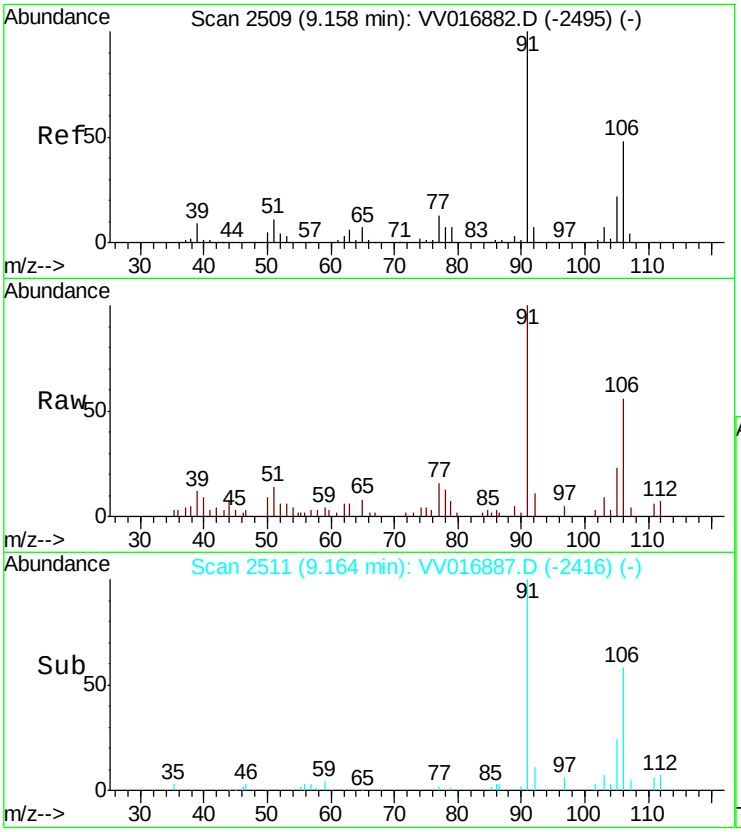


#52
Ethylbenzene
Concen: 7.810 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Tgt Ion: 91 Resp: 91856

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.1	39.1



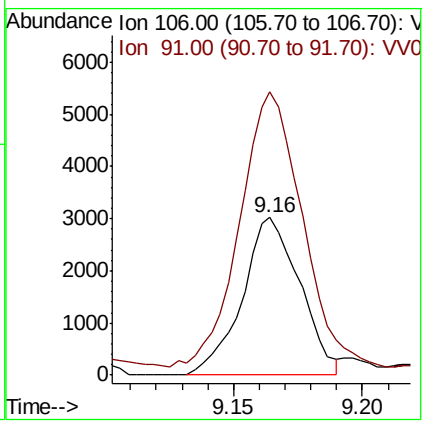


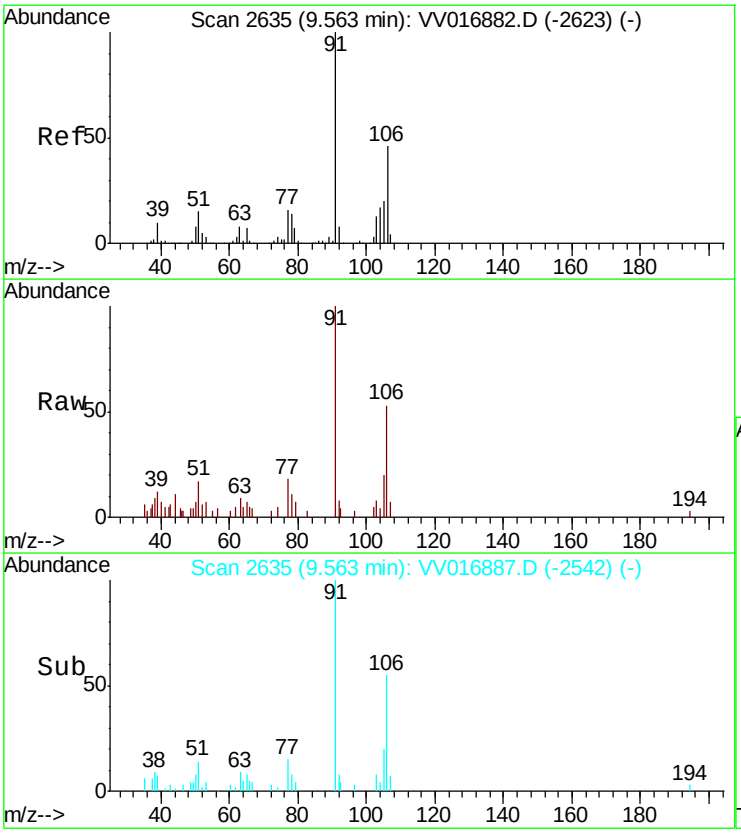
#53
m,p-Xylene
Concen: 1.076 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Instrument : MSVOA_V
ClientSampleId : F9D95

Tgt Ion:106 Resp: 4713

Ion	Ratio	Lower	Upper
106	100		
91	179.6	144.6	268.6





#54
o-xylene
Concen: 0.628 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Tgt Ion:106 Resp: 2712

Ion	Ratio	Lower	Upper
106	100		
91	190.0	155.9	289.5