Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061520\
Data File : VV016927.D
Acq On : 15 Jun 2020 11:15
Operator : SY/MD
Sample : L2913-09 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E49

Quant Time: Jun 16 05:48:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 16 05:46:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378611	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356416	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168292	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	108394	40.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.14%			
7) Chloroethane-d5	1.57	69	64780	40.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.82%			
11) 1,1-Dichloroethene-d2	2.12	63	153136	34.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.28%			
21) 2-Butanone-d5	3.90	46	165131	83.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.51%			
24) Chloroform-d	4.37	84	241106	44.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.76%			
26) 1,2-Dichloroethane-d4	5.05	65	172339	46.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.28%			
32) Benzene-d6	5.07	84	477803	46.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.02%			
36) 1,2-Dichloropropane-d6	6.09	67	146741	45.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.64%			
41) Toluene-d8	7.34	98	436671	46.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.64%			
43) trans-1,3-Dichloropropene-	7.64	79	75628	45.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.68%			
47) 2-Hexanone-d5	8.11	63	97056	69.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 69.51%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172442	40.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.34%			
64) 1,2-Dichlorobenzene-d4	11.65	152	176500	49.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.28%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1520	0.755	ug/L #	22
27) 1,2-Dichloroethane	5.12	62	22483	5.411	ug/L #	74
33) Benzene	5.12	78	2252428	213.595	ug/L	100
42) Toluene	7.41	91	73498	6.611	ug/L	95
48) 2-Hexanone	8.16	43	13161	4.368	ug/L #	91
52) Ethylbenzene	9.03	91	146804	11.922	ug/L	98
53) m,p-Xylene	9.16	106	19913	4.343	ug/L	96
54) o-xylene	9.57	106	18061	3.994	ug/L	95
69) Naphthalene	13.53	128	14382	1.371	ug/L #	93

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 16 05:46:50 2020
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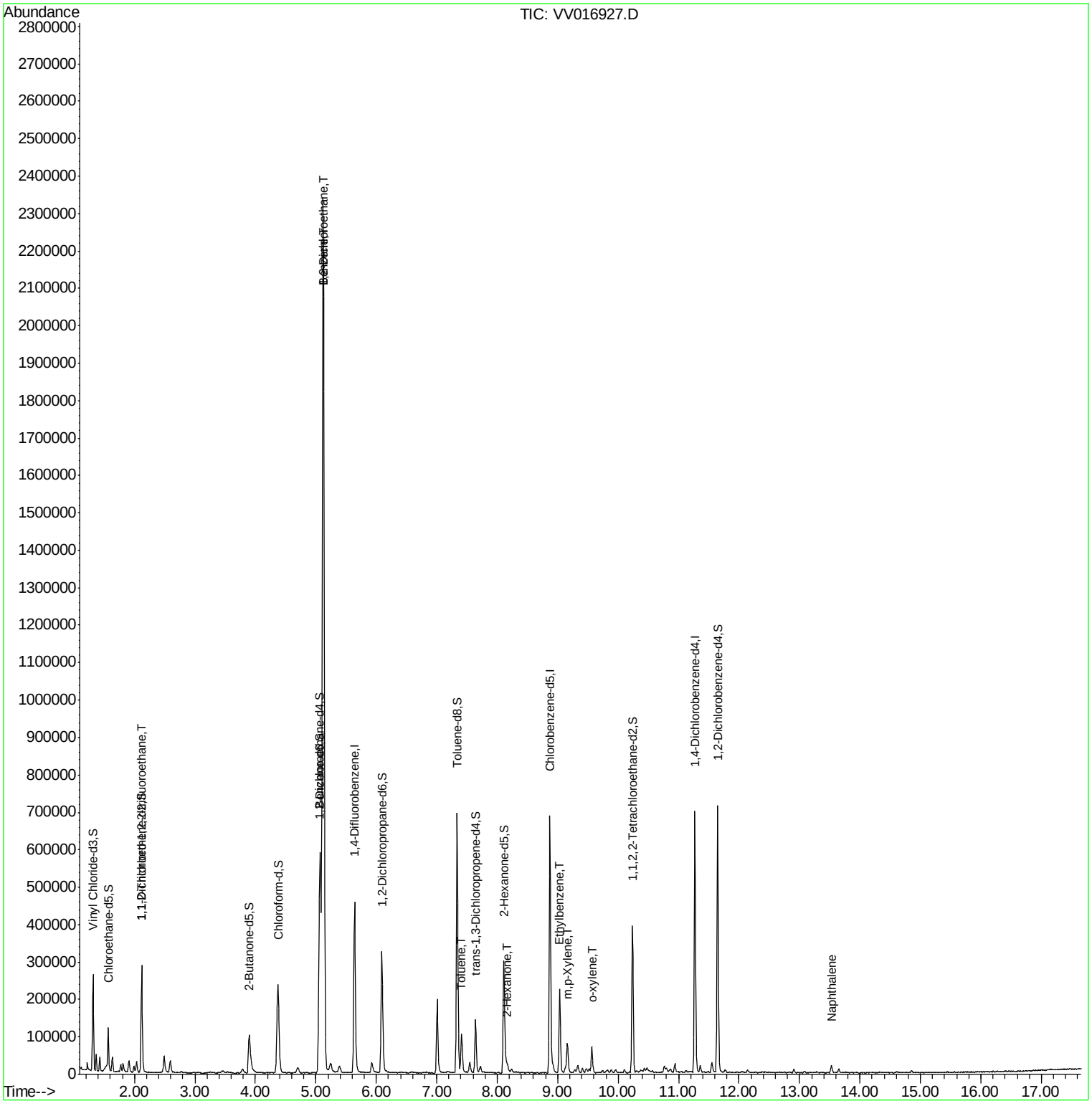
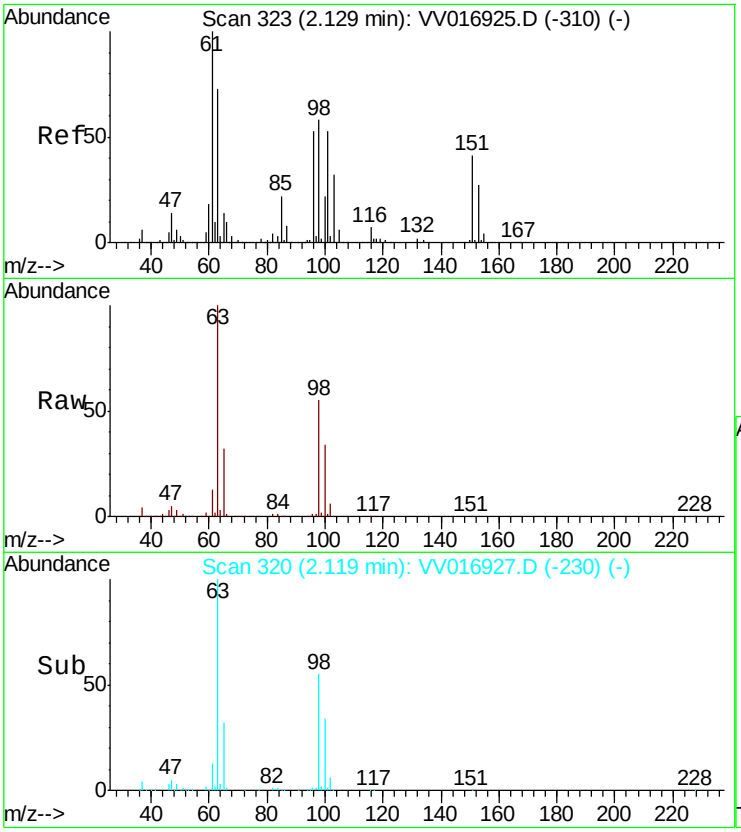


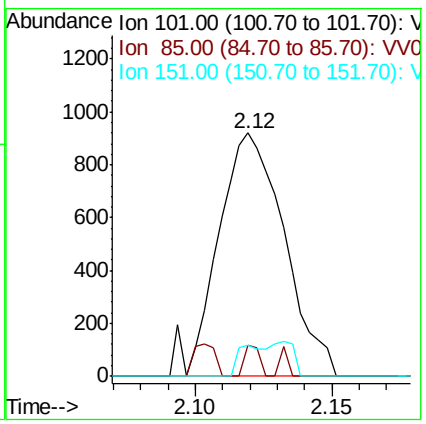


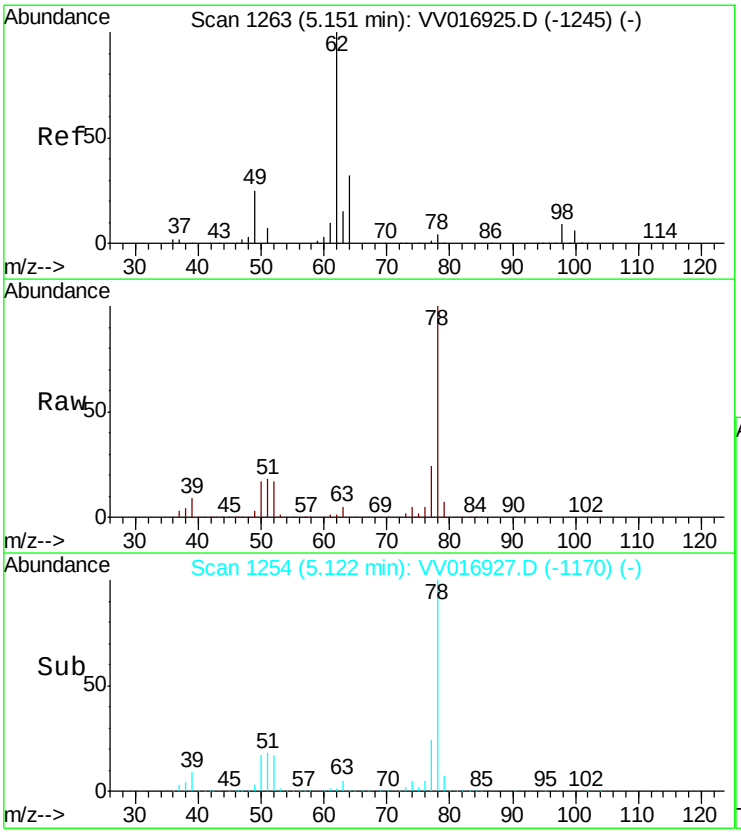
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.755 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Instrument : MSVOA_V
ClientSampleId : F9E49

Tgt Ion:101 Resp: 1520

Ion	Ratio	Lower	Upper
101	100		
85	2.8	35.5	53.3#
151	4.1	63.9	95.9#

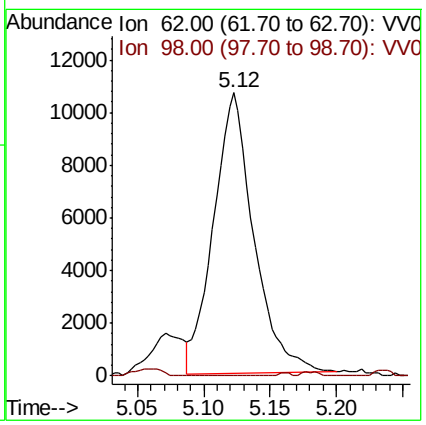


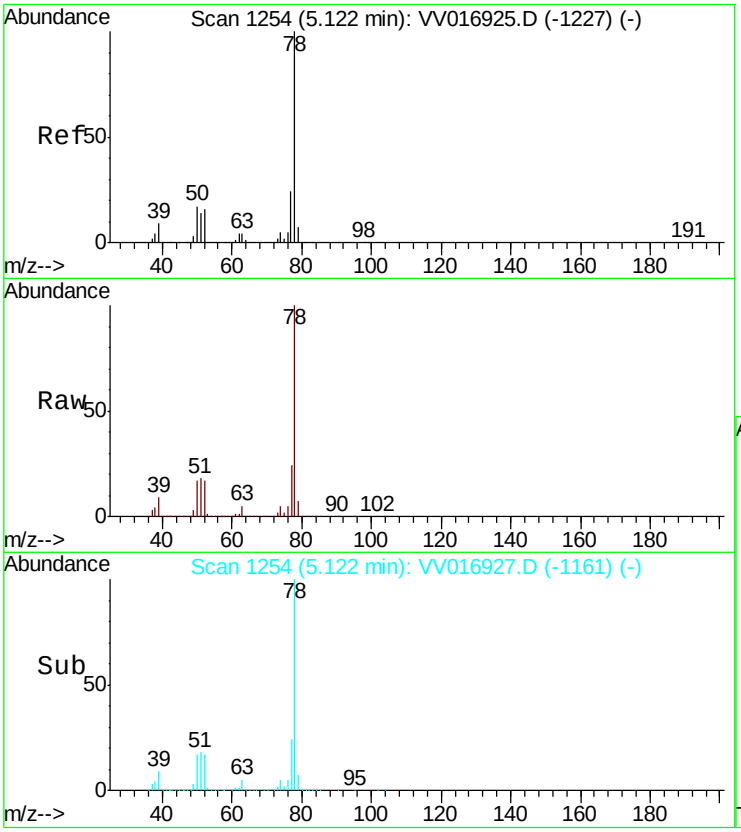


#27
1,2-Dichloroethane
Concen: 5.411 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.03 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Tgt Ion: 62 Resp: 22483

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.2#

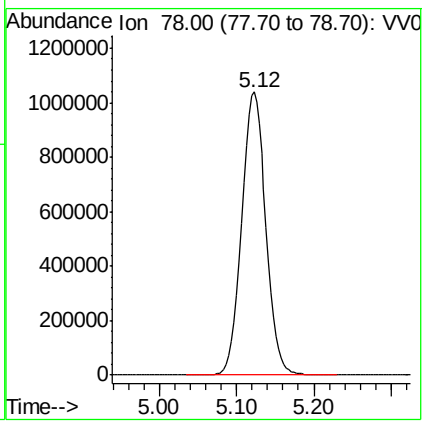


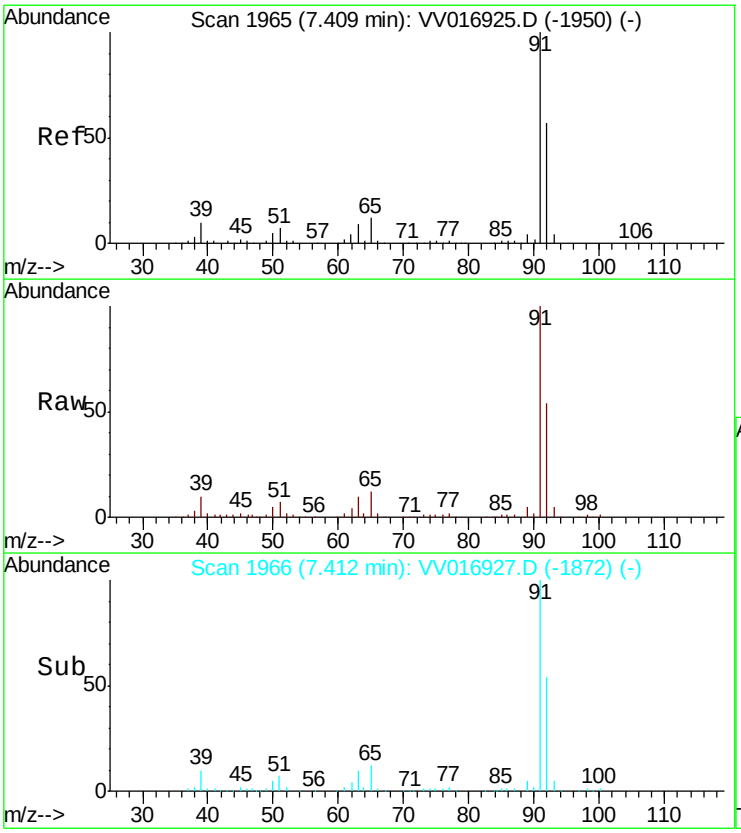


#33
Benzene
Concen: 213.595 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Instrument :
MSVOA_V
ClientSampleId :
F9E49

Tgt Ion: 78 Resp: 2252428

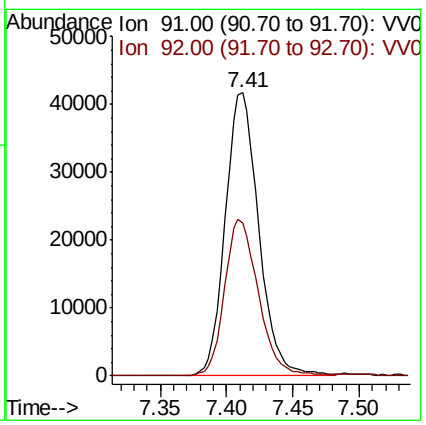


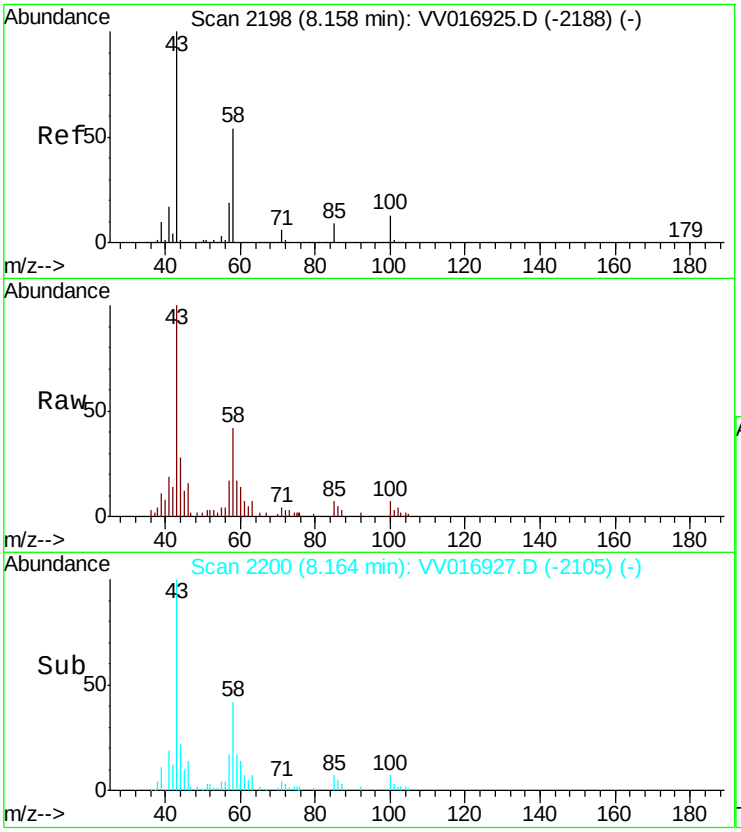


#42
Toluene
Concen: 6.611 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Tgt Ion: 91 Resp: 73498

Ion	Ratio	Lower	Upper
91	100		
92	54.2	40.4	75.0



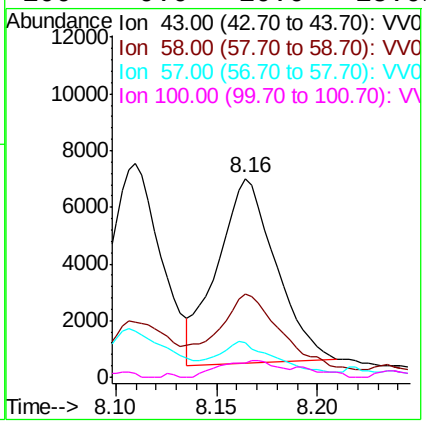


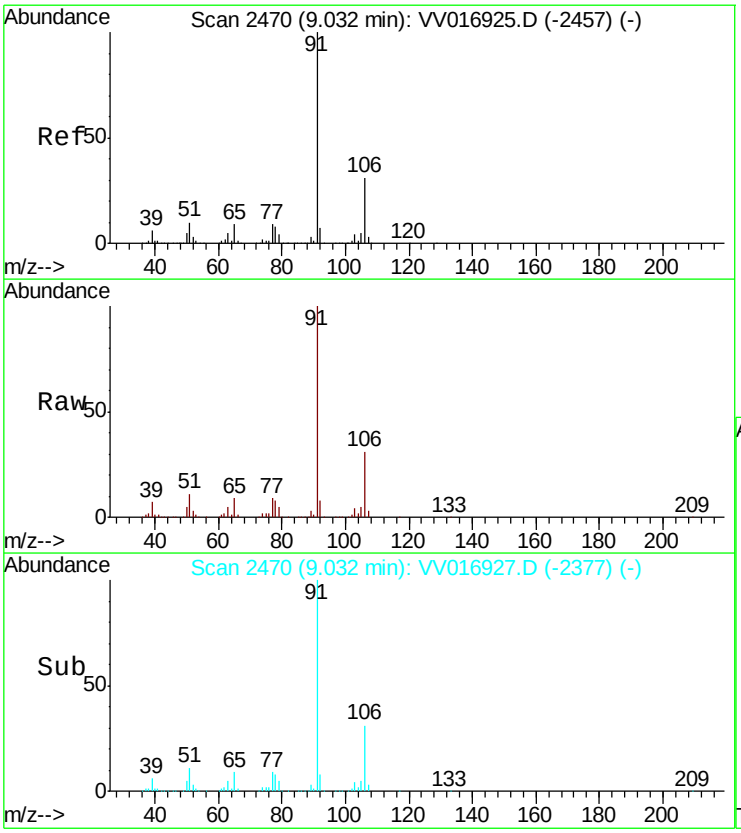
#48
2-Hexanone
Concen: 4.368 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Instrument : MSVOA_V
ClientSampleId : F9E49

Tgt Ion: 43 Resp: 13161

Ion	Ratio	Lower	Upper
43	100		
58	46.4	43.1	64.7
57	16.8	15.3	22.9
100	9.0	10.0	15.0#

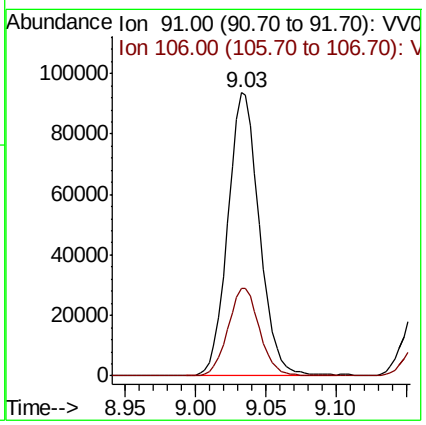


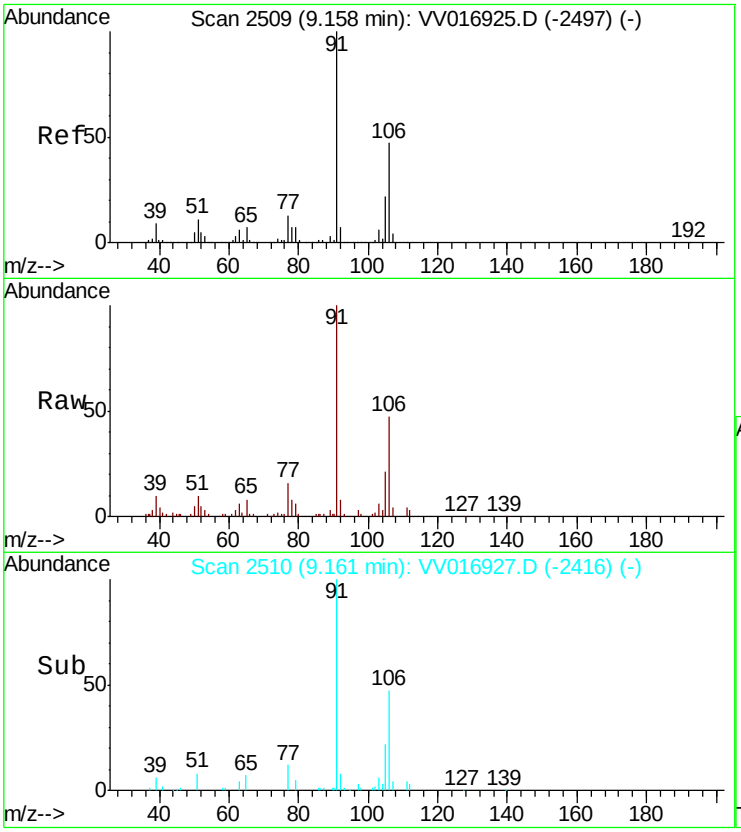


#52
Ethylbenzene
Concen: 11.922 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Tgt Ion: 91 Resp: 146804

Ion	Ratio	Lower	Upper
91	100		
106	30.9	21.1	39.1



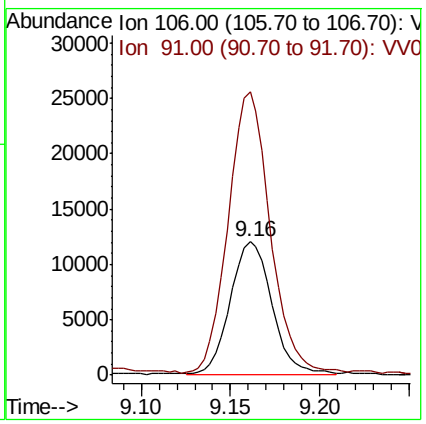


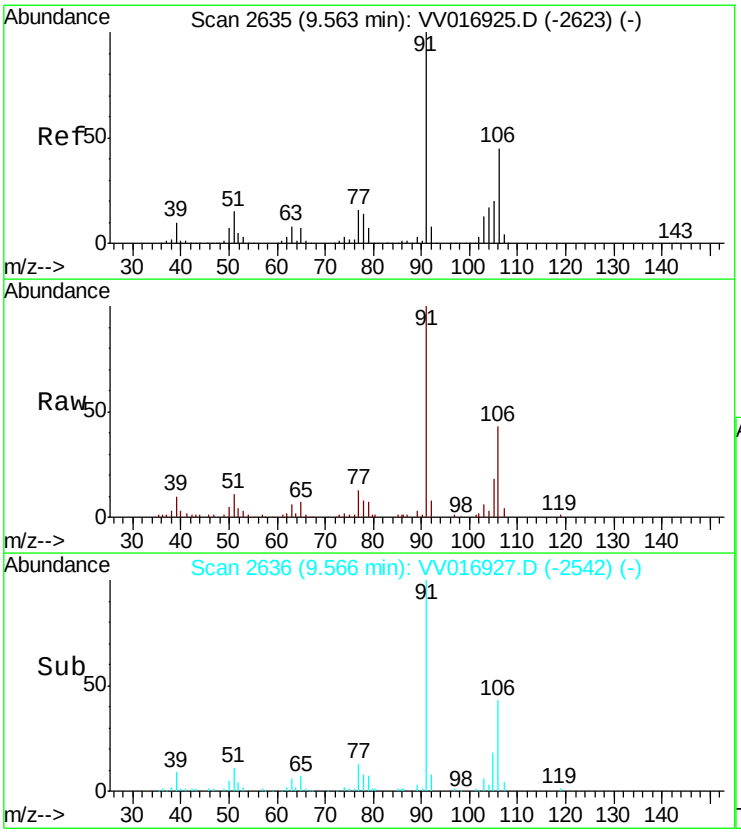
#53
m,p-Xylene
Concen: 4.343 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Instrument :
MSVOA_V
ClientSampleId :
F9E49

Tgt Ion:106 Resp: 19913

Ion	Ratio	Lower	Upper
106	100		
91	212.8	144.6	268.6

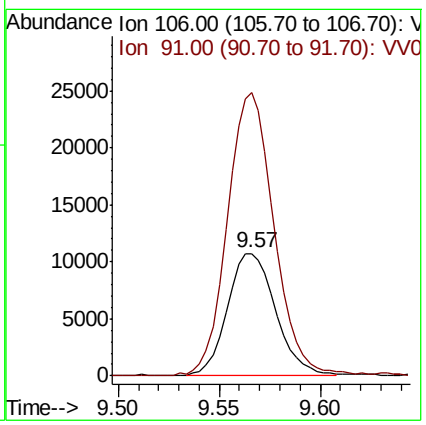


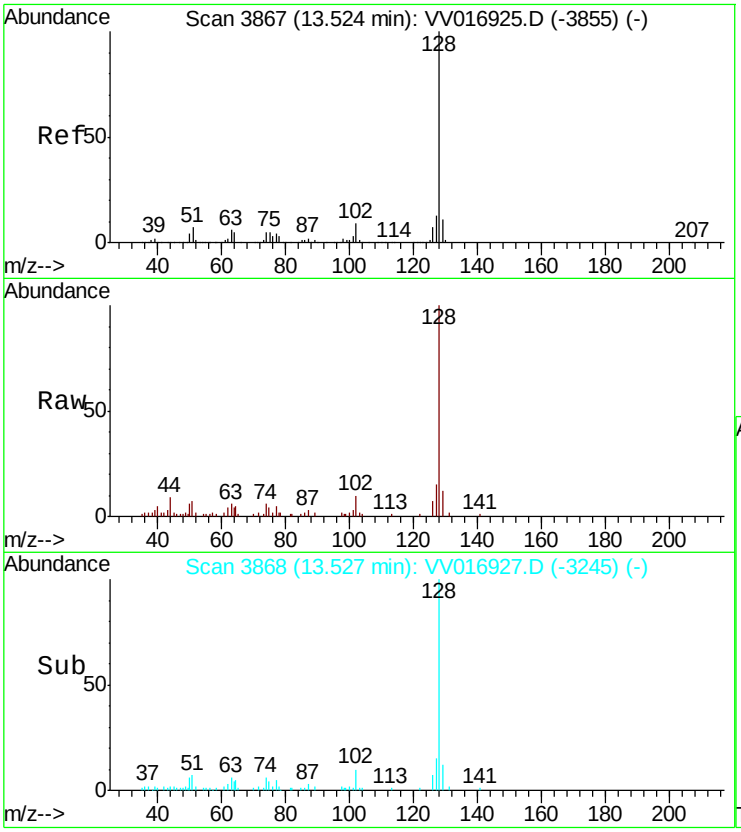


#54
o-xylene
Concen: 3.994 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Tgt Ion:106 Resp: 18061

Ion	Ratio	Lower	Upper
106	100		
91	230.7	155.9	289.5





#69
Naphthalene
Concen: 1.371 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Instrument :
MSVOA_V
ClientSampleId :
F9E49

Tgt Ion:128 Resp: 14382

Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.5	15.7#
129	8.8	8.7	13.1