Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022021.D
Acq On : 01 Feb 2022 23:08
Operator : SY/VA
Sample : N1353-11
Misc : 4.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VF4

Quant Time: Feb 02 01:18:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	158235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	140894	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	69750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37577	19.715	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.880%			
7) Chloroethane-d5	2.885	69	24056	16.394	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.560%			
11) 1,1-Dichloroethene-d2	4.019	63	48502	14.403	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.600%			
21) 2-Butanone-d5	7.080	46	15390	45.523	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.040%			
24) Chloroform-d	7.653	84	66975	18.193	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 72.760%			
26) 1,2-Dichloroethane-d4	8.305	65	37030	20.217	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.880%			
32) Benzene-d6	8.275	84	138017	19.384	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 77.520%			
36) 1,2-Dichloropropane-d6	9.274	67	37636	19.433	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 77.720%			
41) Toluene-d8	10.323	98	135905	19.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.040%			
43) trans-1,3-Dichloroprop...	10.579	79	15849	18.686	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.760%			
47) 2-Hexanone-d5	10.927	63	14824	52.649	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.300%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33213	21.027	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.120%			
66) 1,2-Dichlorobenzene-d4	13.853	152	47421	18.846	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 75.400%			
Target Compounds						Qvalue
13) Acetone	4.135	43	6201	19.640	ug/L	68
40) 4-Methyl-2-pentanone	10.207	43	131463	165.147	ug/L	98
42) Toluene	10.390	91	492559	58.823	ug/L	98
52) Ethylbenzene	11.731	91	344063	37.240	ug/L	97
53) m,p-Xylene	11.835	106	628260	163.897	ug/L	96
54) o-Xylene	12.164	106	243734	67.972	ug/L	92
60) Isopropylbenzene	12.463	105	6111	0.671	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	15021	2.485	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	36733	4.988	ug/L	99

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

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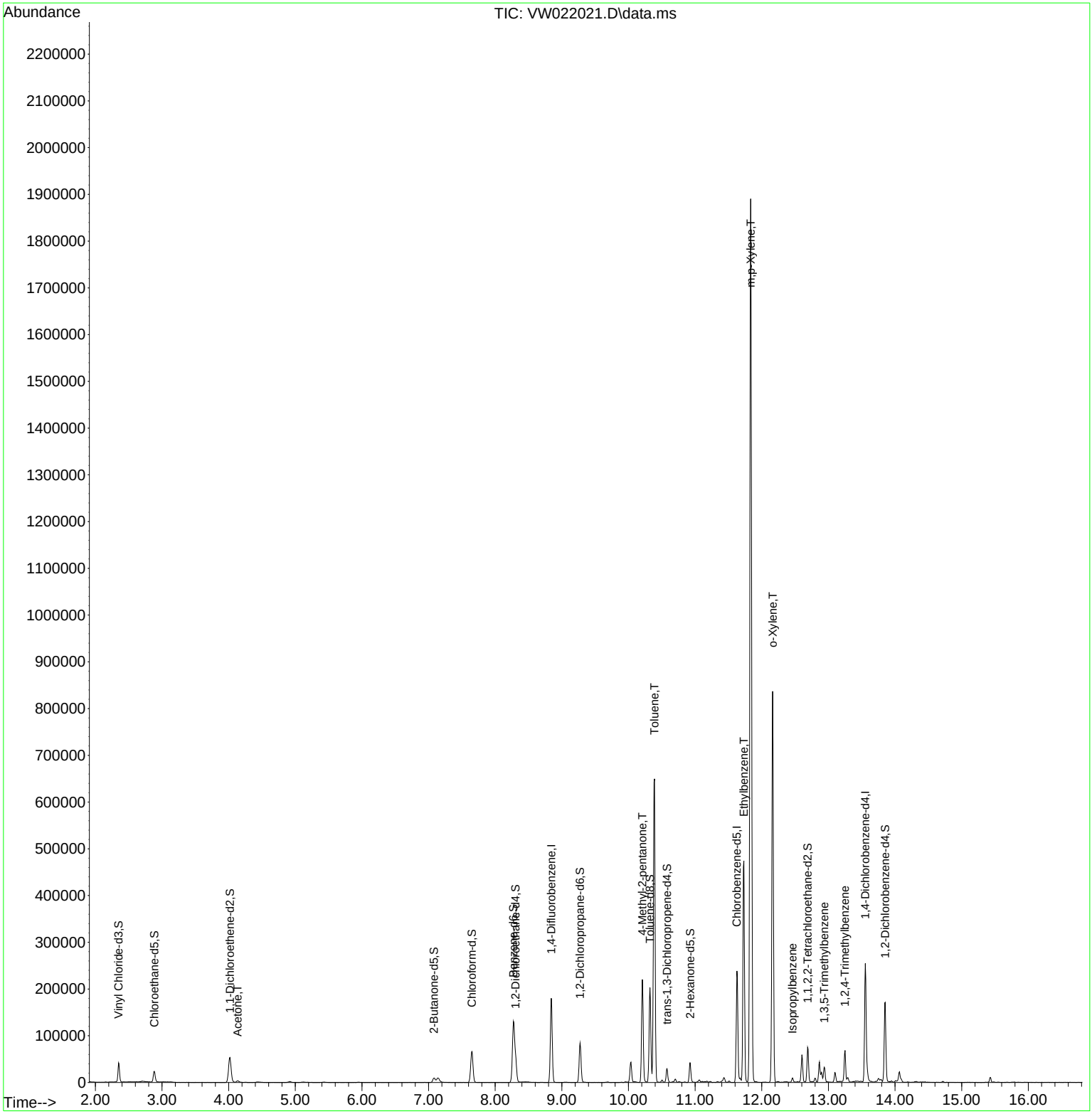
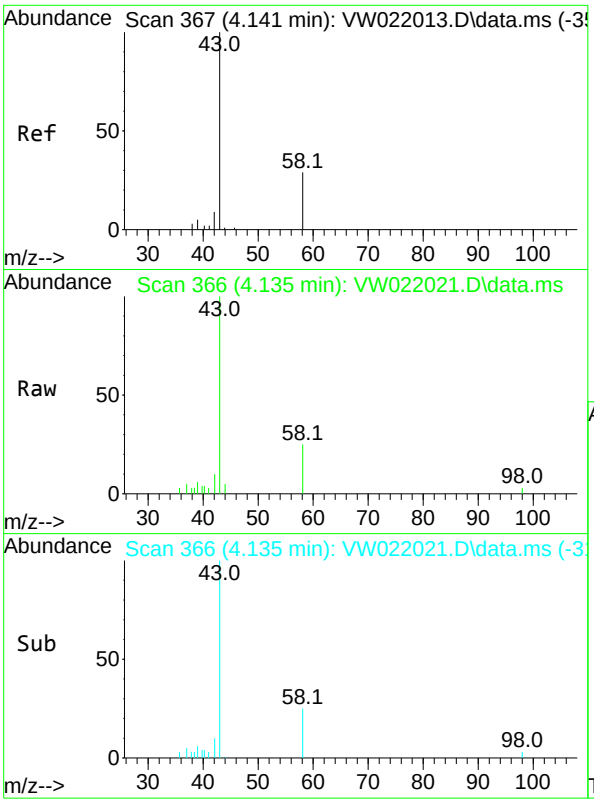


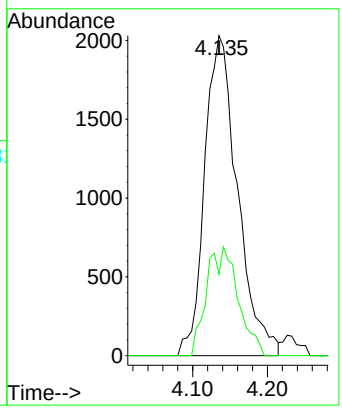


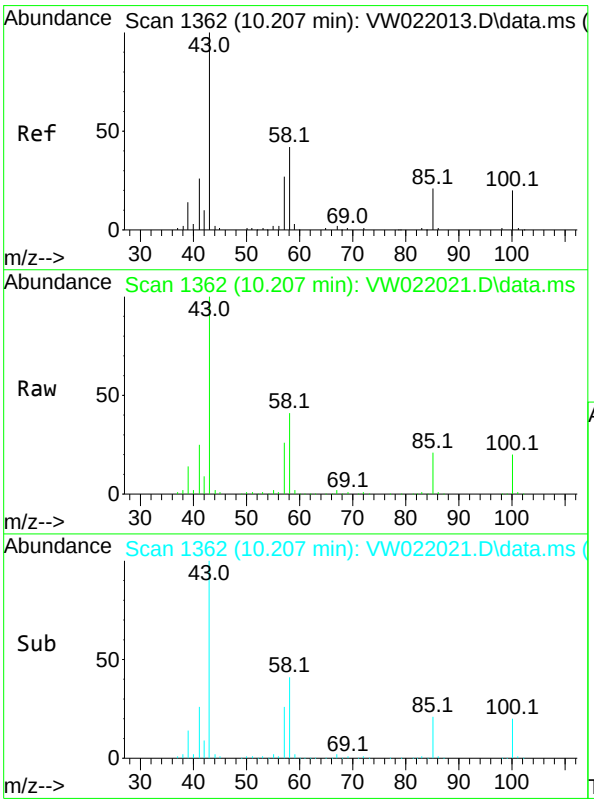
#13
Acetone
Concen: 19.640 ug/L
RT: 4.135 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Instrument :
MSVOA_W
ClientSampleId :
C0VF4

Tgt Ion: 43 Resp: 6201

Ion	Ratio	Lower	Upper
43	100		
58	14.7	0.0	66.0

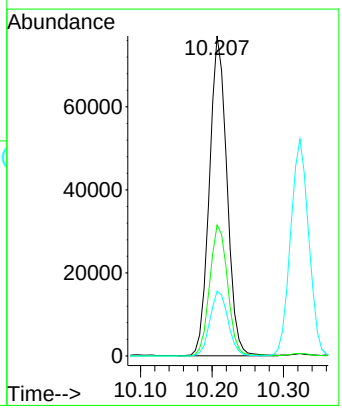


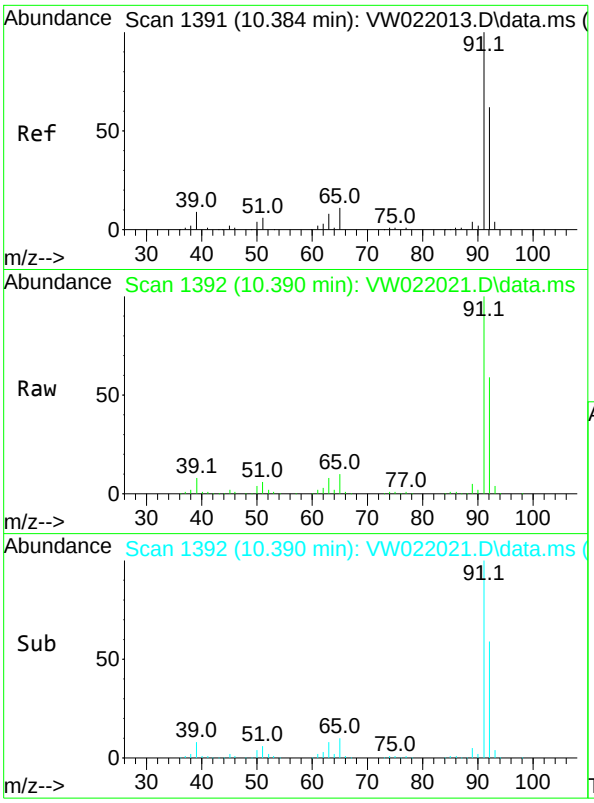


#40
4-Methyl-2-pentanone
Concen: 165.147 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Tgt Ion: 43 Resp: 131463

Ion	Ratio	Lower	Upper
43	100		
58	41.6	34.4	51.6
100	20.9	17.0	25.4



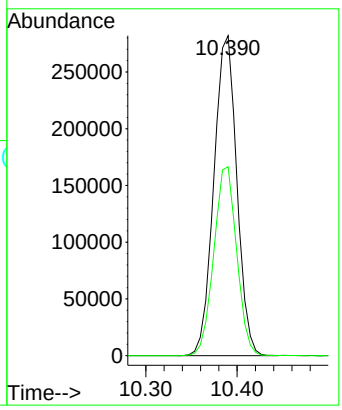


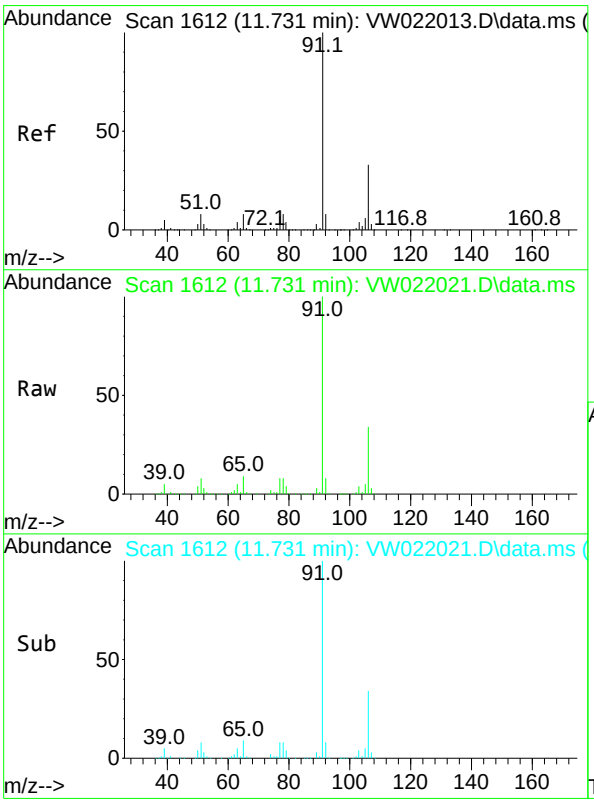
#42
Toluene
Concen: 58.823 ug/L
RT: 10.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Instrument :
MSVOA_W
ClientSampleId :
C0VF4

Tgt Ion: 91 Resp: 492559

Ion	Ratio	Lower	Upper
91	100		
92	59.0	42.6	79.2

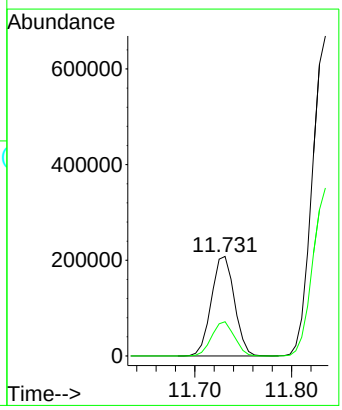


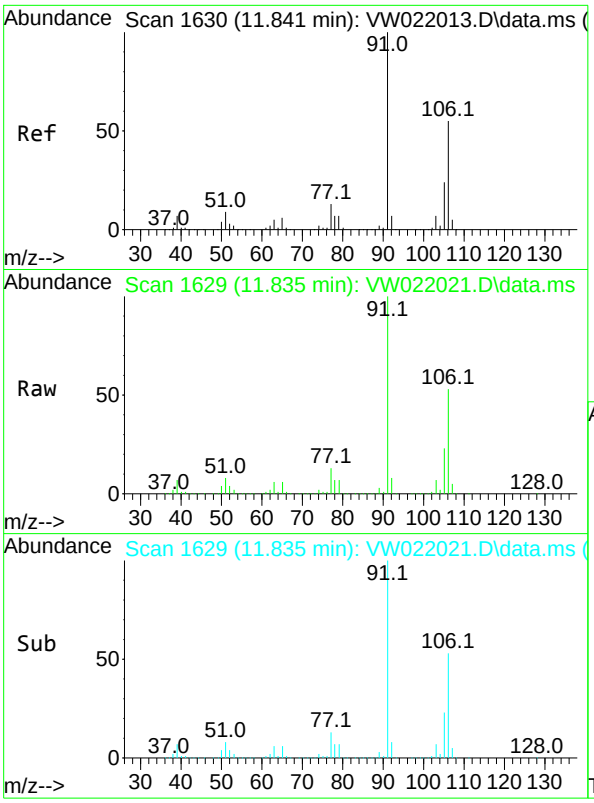


#52
Ethylbenzene
Concen: 37.240 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Tgt Ion: 91 Resp: 344063

Ion	Ratio	Lower	Upper
91	100		
106	34.4	22.8	42.4



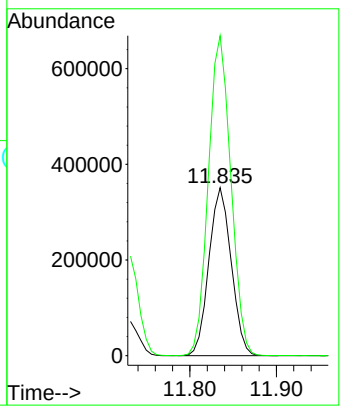


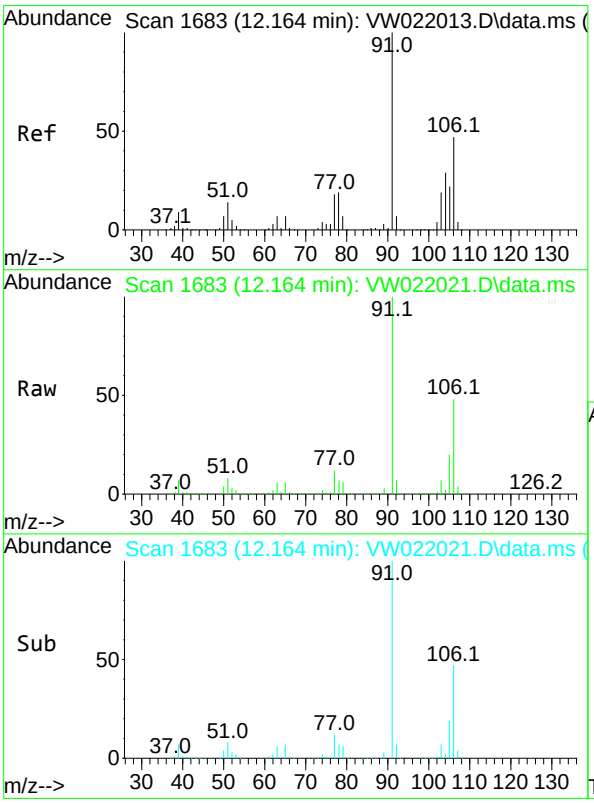
#53
m,p-Xylene
Concen: 163.897 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Instrument :
MSVOA_W
ClientSampleId :
C0VF4

Tgt Ion:106 Resp: 628260

Ion	Ratio	Lower	Upper
106	100		
91	190.5	129.6	240.8

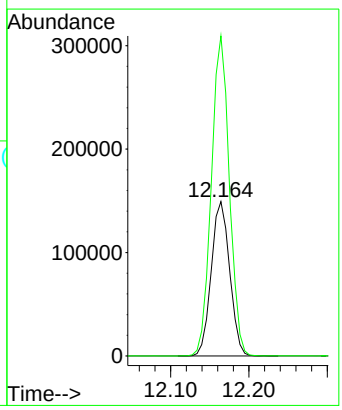


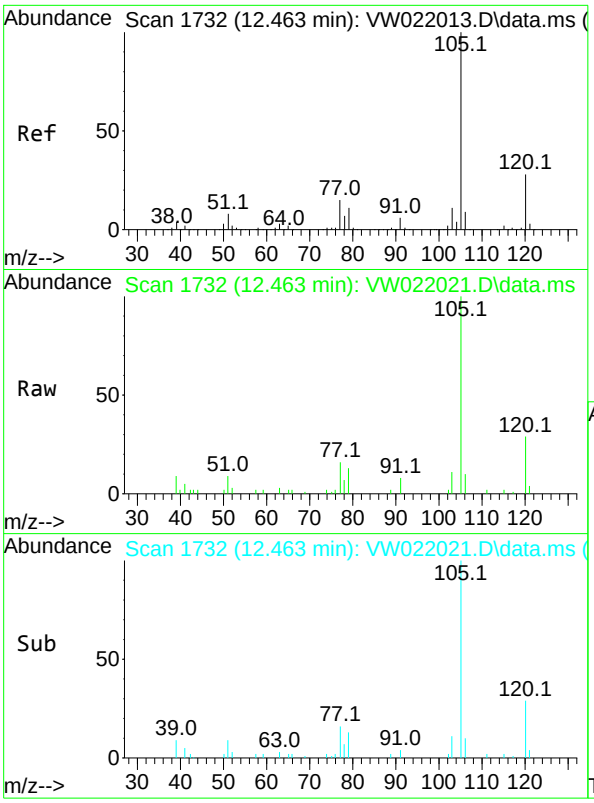


#54
o-Xylene
Concen: 67.972 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Tgt Ion:106 Resp: 243734

Ion	Ratio	Lower	Upper
106	100		
91	207.2	136.4	253.4



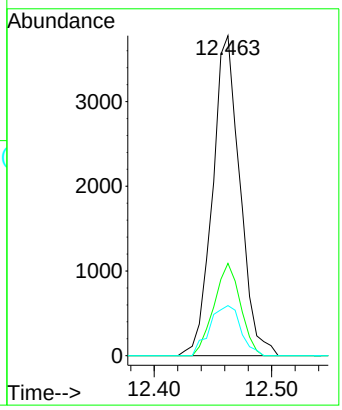


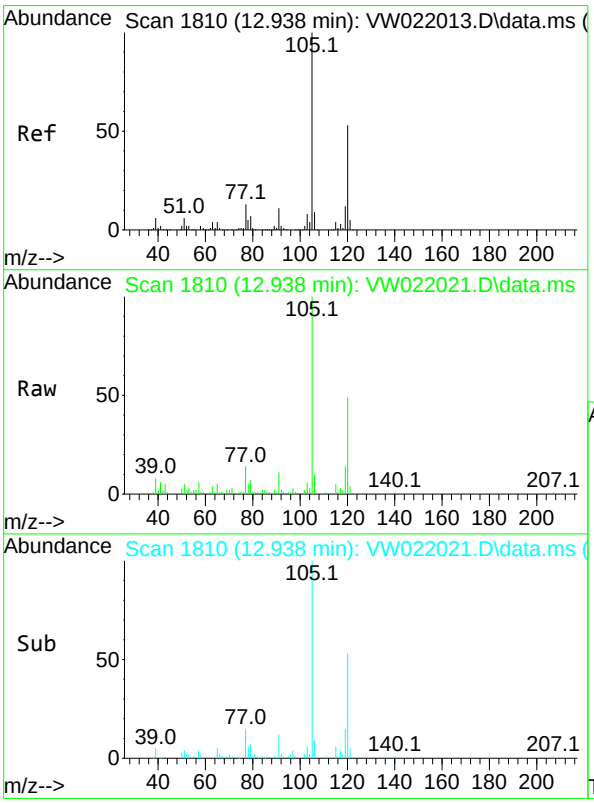
#60
Isopropylbenzene
Concen: 0.671 ug/L
RT: 12.463 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Instrument :
MSVOA_W
ClientSampleId :
C0VF4

Tgt Ion:105 Resp: 6111

Ion	Ratio	Lower	Upper
105	100		
120	27.9	22.1	33.1
77	17.7	11.8	17.8

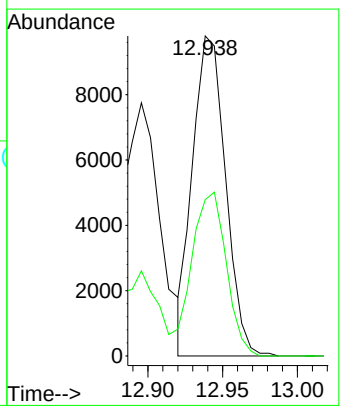


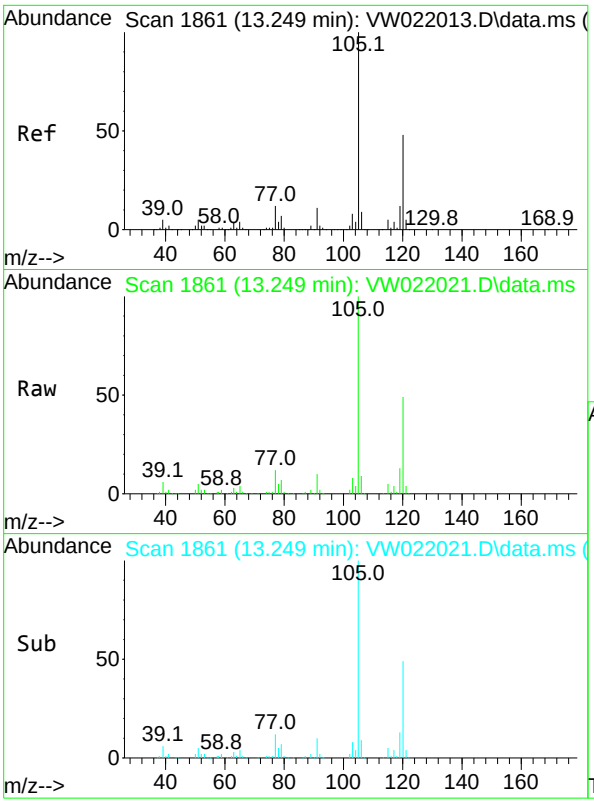


#62
1,3,5-Trimethylbenzene
Concen: 2.485 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Tgt Ion:105 Resp: 15021

Ion	Ratio	Lower	Upper
105	100		
120	54.0	40.9	61.3





#63
1,2,4-Trimethylbenzene
Concen: 4.988 ug/L
RT: 13.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Instrument :
MSVOA_W
ClientSampleId :
C0VF4

Tgt Ion:105 Resp: 36733

Ion	Ratio	Lower	Upper
105	100		
120	48.1	37.8	56.8