Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022020.D
Acq On : 01 Feb 2022 22:44
Operator : SY/VA
Sample : N1353-10
Misc : 4.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VF3

Quant Time: Feb 02 01:18:18 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	177173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	161068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	42650	19.985	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.920%			
7) Chloroethane-d5	2.885	69	30629	18.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.560%			
11) 1,1-Dichloroethene-d2	4.019	63	54850	14.547	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.200%			
21) 2-Butanone-d5	7.086	46	15805	41.754	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.500%			
24) Chloroform-d	7.647	84	78528	19.051	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.200%			
26) 1,2-Dichloroethane-d4	8.305	65	41423	20.198	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.800%			
32) Benzene-d6	8.275	84	160845	19.761	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.040%			
36) 1,2-Dichloropropane-d6	9.275	67	43998	19.873	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.480%			
41) Toluene-d8	10.323	98	158719	19.675	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.720%			
43) trans-1,3-Dichloroprop...	10.579	79	17810	18.368	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.480%			
47) 2-Hexanone-d5	10.921	63	13611	42.286	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.580%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	34396	19.049	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.200%			
66) 1,2-Dichlorobenzene-d4	13.847	152	54066	19.479	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.920%			
Target Compounds						Qvalue
13) Acetone	4.141	43	7800	22.064	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	129509	142.315	ug/L	98
42) Toluene	10.390	91	638365	66.687	ug/L	98
52) Ethylbenzene	11.731	91	538153	50.952	ug/L	96
53) m,p-Xylene	11.835	106	976047	222.734	ug/L	100
54) o-Xylene	12.164	106	347076	84.668	ug/L	99
60) Isopropylbenzene	12.463	105	9670	0.962	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	24300	3.645	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	54483	6.707	ug/L	100

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

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Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
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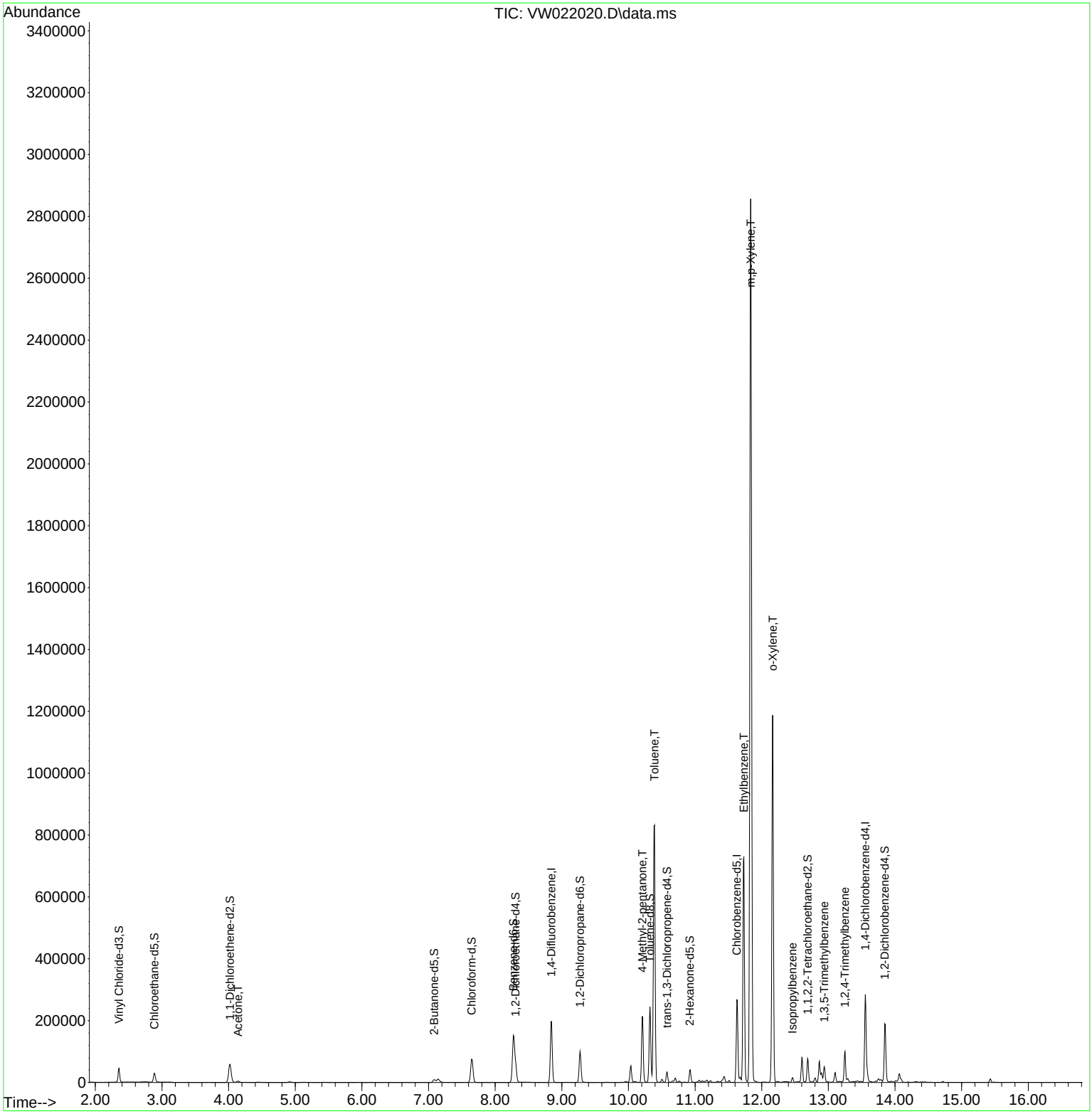
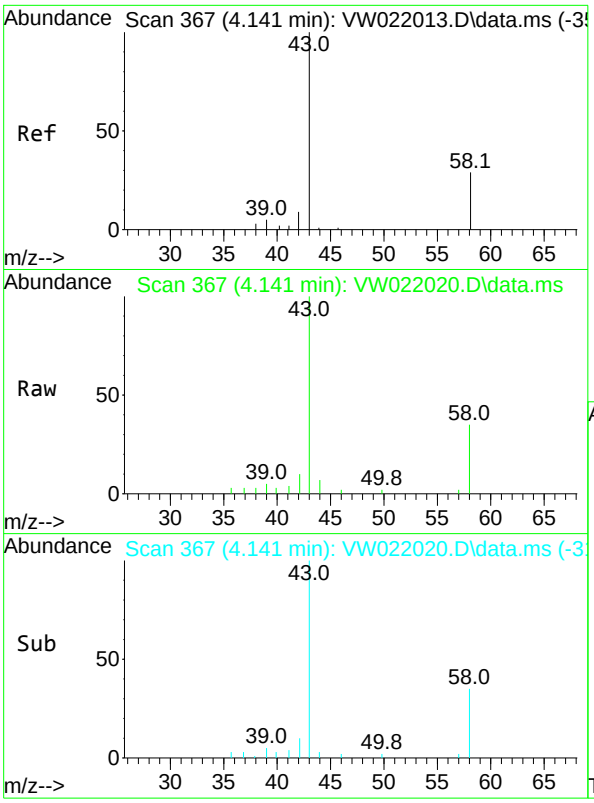


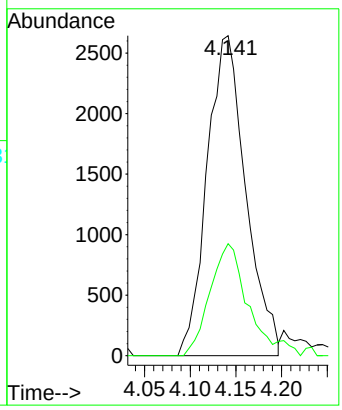


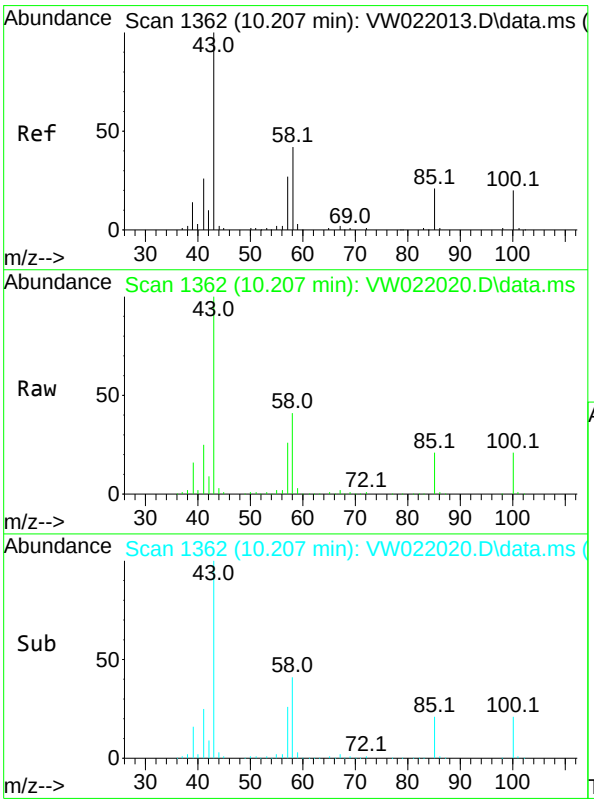
#13
Acetone
Concen: 22.064 ug/L
RT: 4.141 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Instrument :
MSVOA_W
ClientSampleId :
C0VF3

Tgt Ion: 43 Resp: 7800

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	66.0

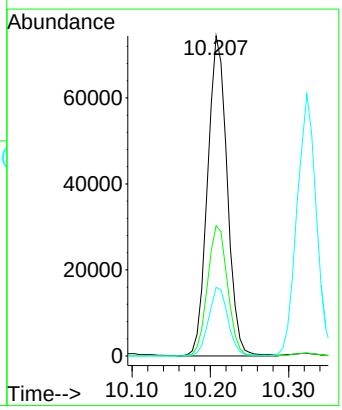


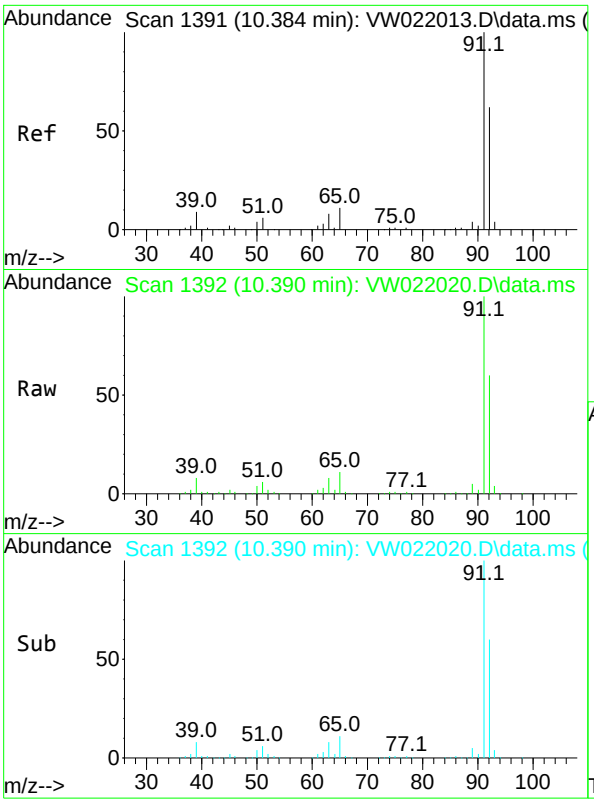


#40
4-Methyl-2-pentanone
Concen: 142.315 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Tgt Ion: 43 Resp: 129509

Ion	Ratio	Lower	Upper
43	100		
58	41.6	34.4	51.6
100	21.1	17.0	25.4



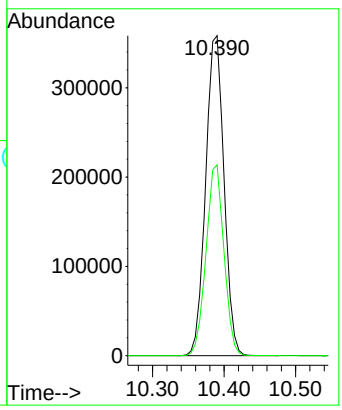


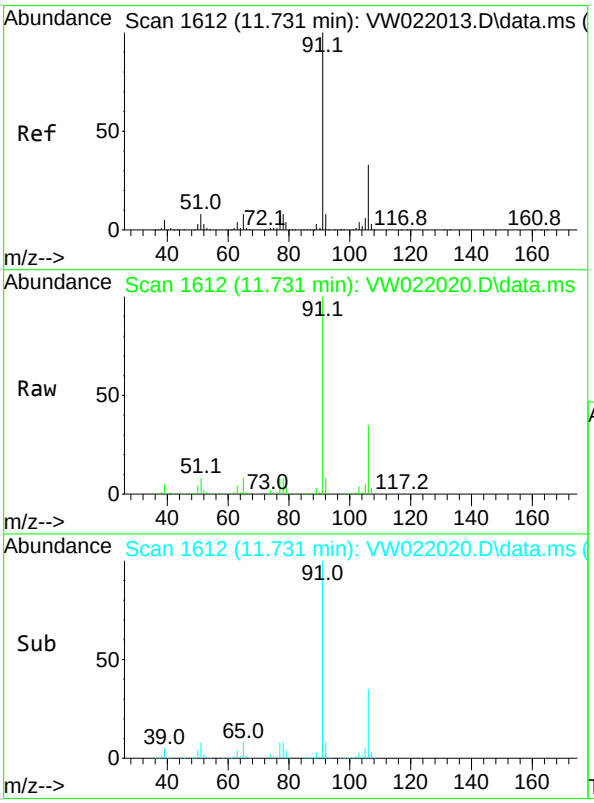
#42
Toluene
Concen: 66.687 ug/L
RT: 10.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Instrument :
MSVOA_W
ClientSampleId :
C0VF3

Tgt Ion: 91 Resp: 638365

Ion	Ratio	Lower	Upper
91	100		
92	59.7	42.6	79.2

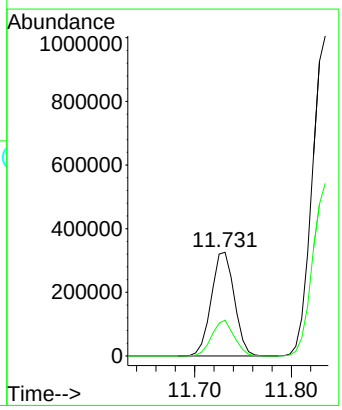


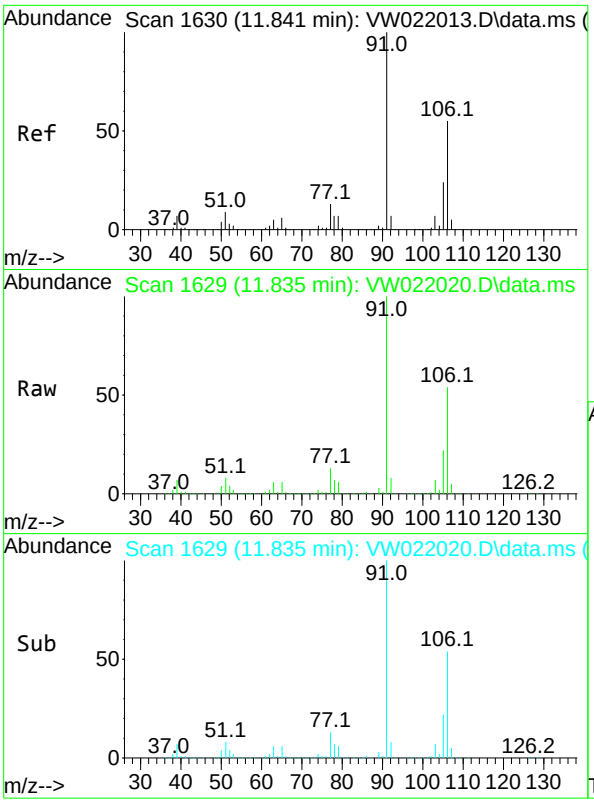


#52
Ethylbenzene
Concen: 50.952 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Tgt Ion: 91 Resp: 538153

Ion	Ratio	Lower	Upper
91	100		
106	34.6	22.8	42.4



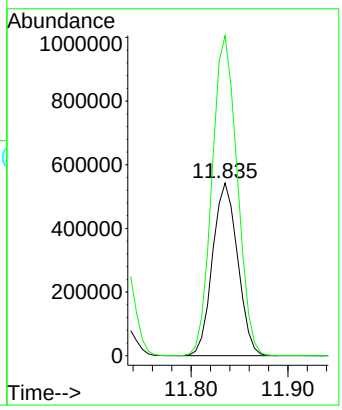


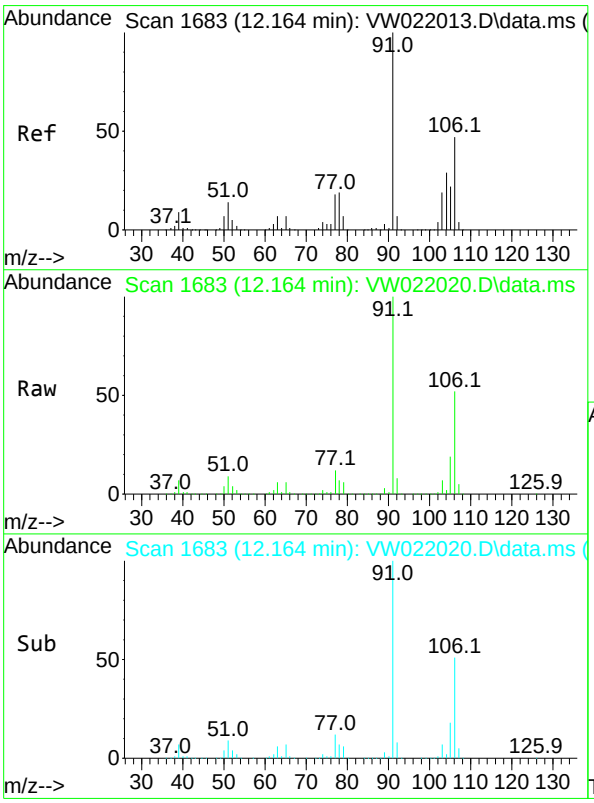
#53
m,p-Xylene
Concen: 222.734 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Instrument :
MSVOA_W
ClientSampleId :
C0VF3

Tgt Ion:106 Resp: 976047

Ion	Ratio	Lower	Upper
106	100		
91	185.3	129.6	240.8

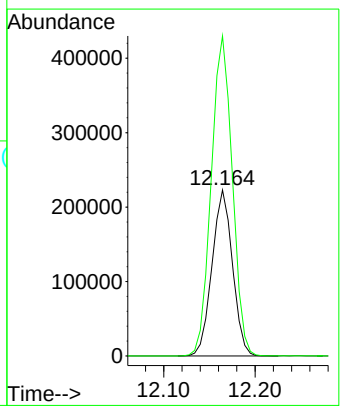


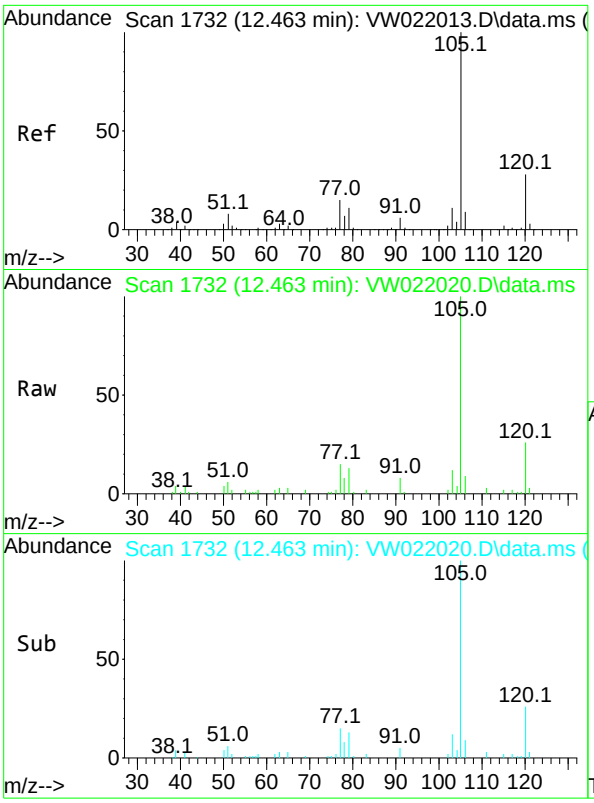


#54
o-Xylene
Concen: 84.668 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Tgt Ion:106 Resp: 347076

Ion	Ratio	Lower	Upper
106	100		
91	192.8	136.4	253.4



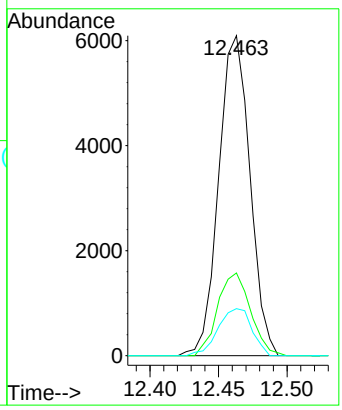


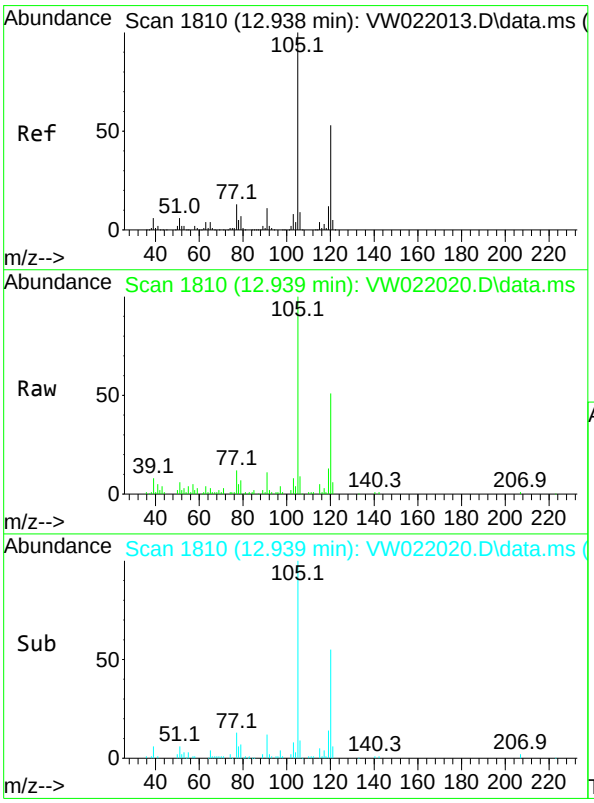
#60
Isopropylbenzene
Concen: 0.962 ug/L
RT: 12.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Instrument :
MSVOA_W
ClientSampleId :
C0VF3

Tgt Ion:105 Resp: 9670

Ion	Ratio	Lower	Upper
105	100		
120	27.2	22.1	33.1
77	15.9	11.8	17.8

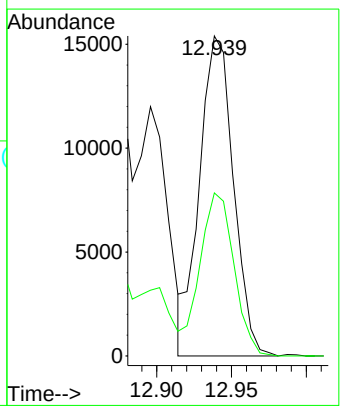


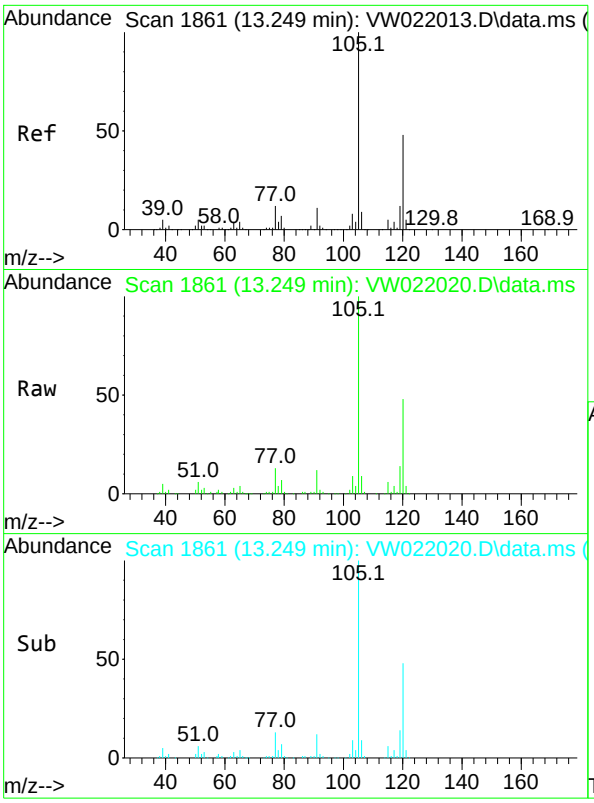


#62
1,3,5-Trimethylbenzene
Concen: 3.645 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Tgt Ion:105 Resp: 24300

Ion	Ratio	Lower	Upper
105	100		
120	51.3	40.9	61.3





#63
1,2,4-Trimethylbenzene
Concen: 6.707 ug/L
RT: 13.249 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022020.D
Acq: 01 Feb 2022 22:44

Instrument :
MSVOA_W
ClientSampleId :
C0VF3

Tgt Ion:105 Resp: 54483

Ion	Ratio	Lower	Upper
105	100		
120	47.1	37.8	56.8