

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022026.D
 Acq On : 02 Feb 2022 13:03
 Operator : SY/VA
 Sample : N1353-08
 Misc : 3.91g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0VF1

Quant Time: Feb 03 00:42:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 00:41:48 2022
 Response via : Initial Calibration

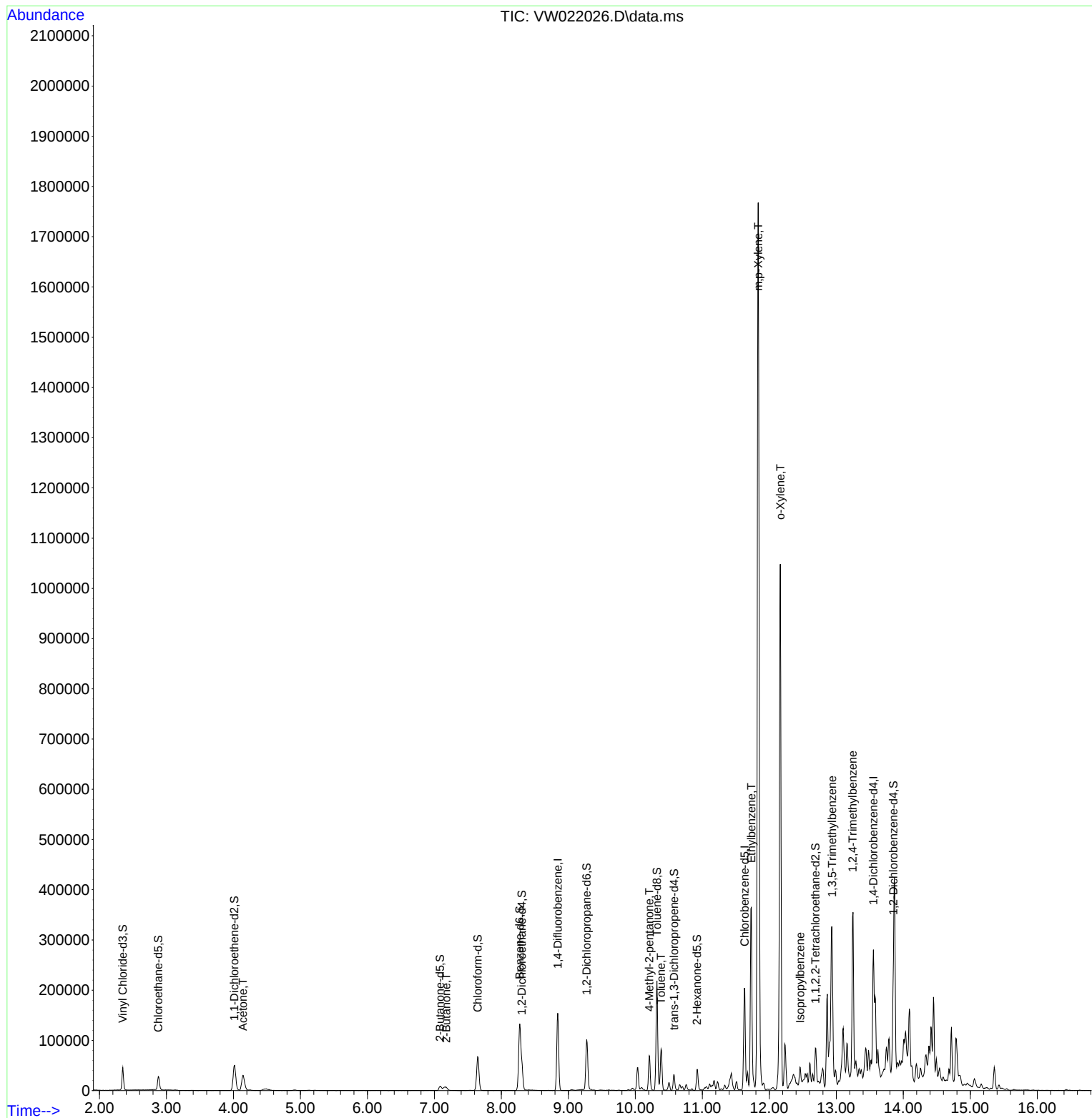
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	136327	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	124197	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	57799	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41164	25.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.280%
7) Chloroethane-d5	2.879	69	28326	22.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
11) 1,1-Dichloroethene-d2	4.013	63	47028	16.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.840%
21) 2-Butanone-d5	7.086	46	14658	50.326	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
24) Chloroform-d	7.647	84	68286	21.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.120%
26) 1,2-Dichloroethane-d4	8.305	65	37943	24.045	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.160%
32) Benzene-d6	8.275	84	137355	21.885	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	9.274	67	38119	22.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.320%
41) Toluene-d8	10.323	98	133996	21.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	10.579	79	15894	21.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.040%
47) 2-Hexanone-d5	10.920	63	13506	54.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31643	22.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	45110	21.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.520%
Target Compounds						
13) Acetone	4.141	43	59849	220.018	ug/L	99
22) 2-Butanone	7.177	43	7526	21.369	ug/L	90
40) 4-Methyl-2-pentanone	10.207	43	41693	59.417	ug/L	100
42) Toluene	10.384	91	61778	8.370	ug/L	98
52) Ethylbenzene	11.731	91	262218	32.197	ug/L	96
53) m,p-Xylene	11.835	106	582995	172.535	ug/L	99
54) o-Xylene	12.164	106	303029	95.869	ug/L	89
60) Isopropylbenzene	12.463	105	19497	2.582	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	85420	17.056	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	192182	31.496	ug/L	99

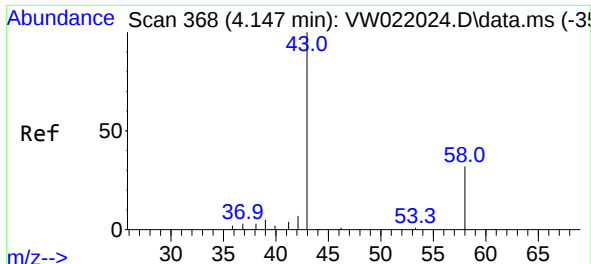
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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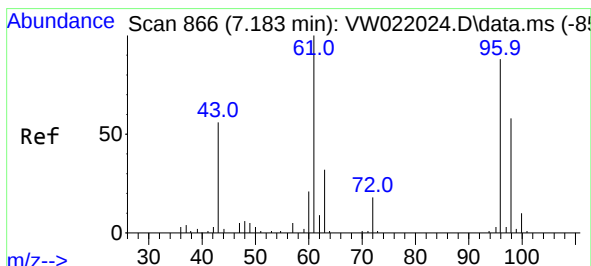
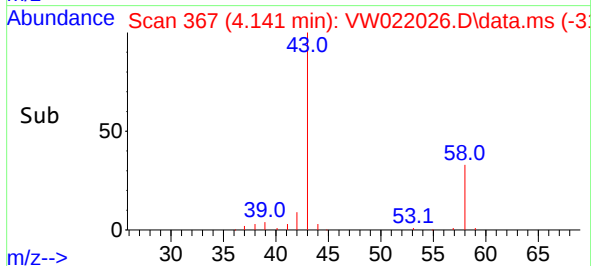
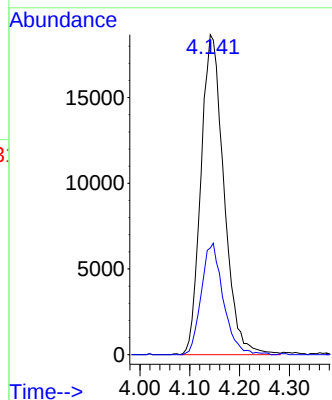
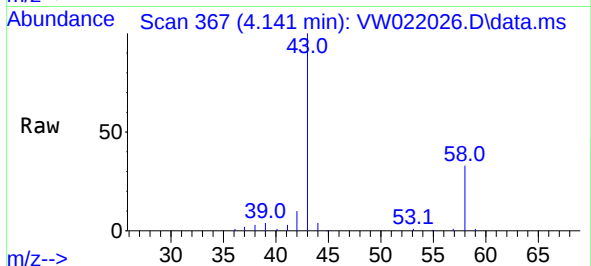




#13
Acetone
Concen: 220.018 ug/L
RT: 4.141 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

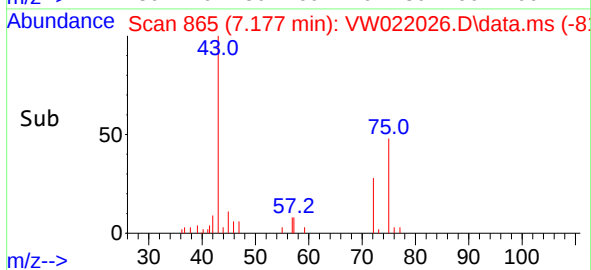
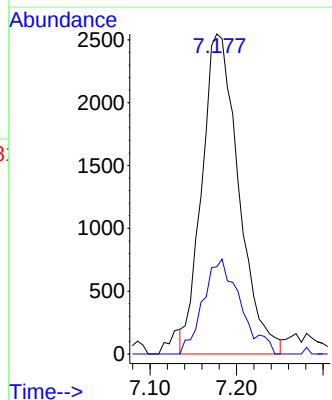
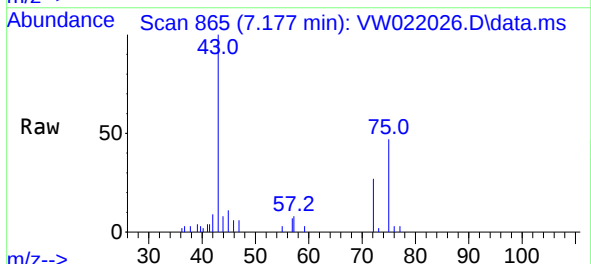
Instrument :
MSVOA_W
ClientSampleId :
C0VF1

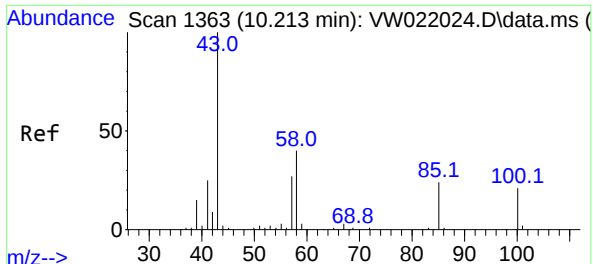
Tgt Ion: 43 Resp: 59849
Ion Ratio Lower Upper
43 100
58 32.7 0.0 66.0



#22
2-Butanone
Concen: 21.369 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Tgt Ion: 43 Resp: 7526
Ion Ratio Lower Upper
43 100
72 28.1 16.8 50.4

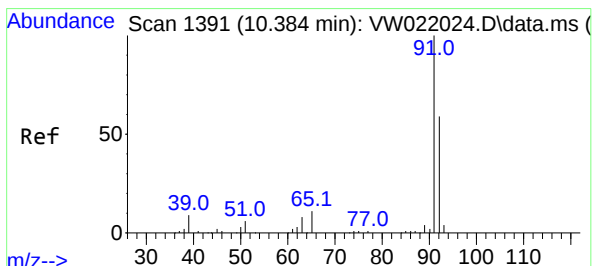
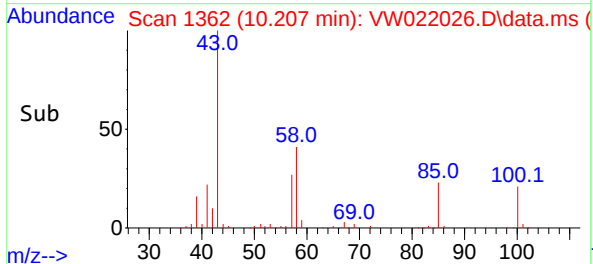
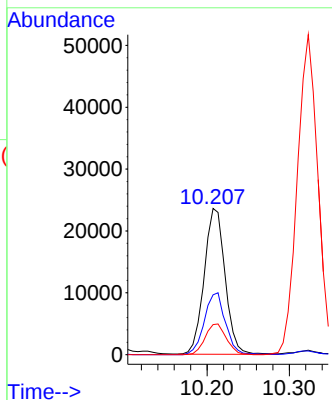
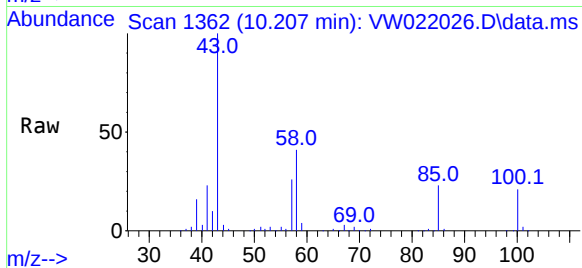




#40
4-Methyl-2-pentanone
Concen: 59.417 ug/L
RT: 10.207 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

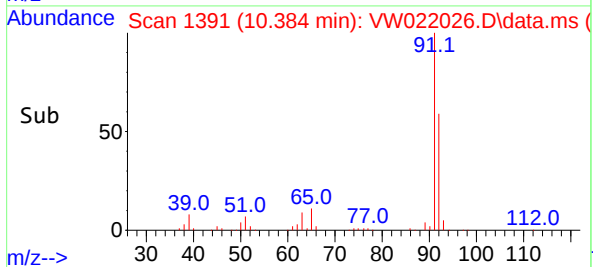
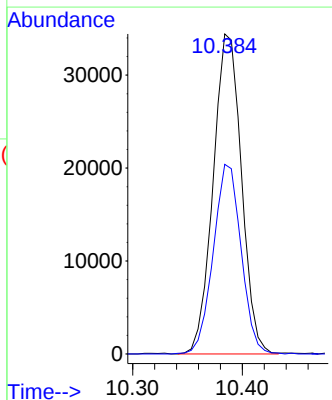
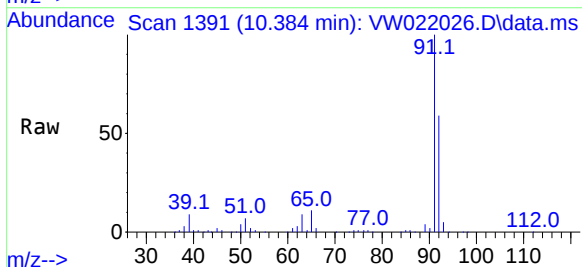
Instrument :
MSVOA_W
ClientSampleId :
C0VF1

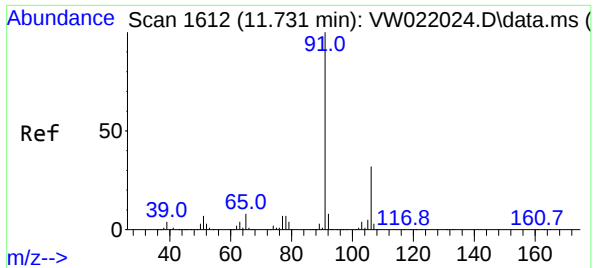
Tgt Ion: 43 Resp: 41693
Ion Ratio Lower Upper
43 100
58 42.8 34.4 51.6
100 21.3 17.0 25.4



#42
Toluene
Concen: 8.370 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Tgt Ion: 91 Resp: 61778
Ion Ratio Lower Upper
91 100
92 59.2 42.6 79.2

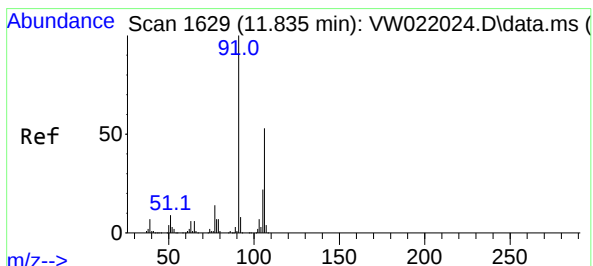
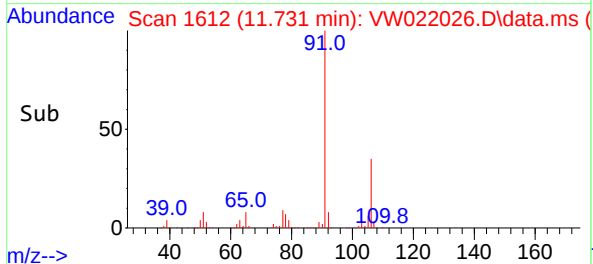
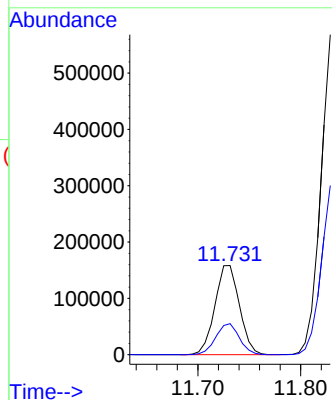
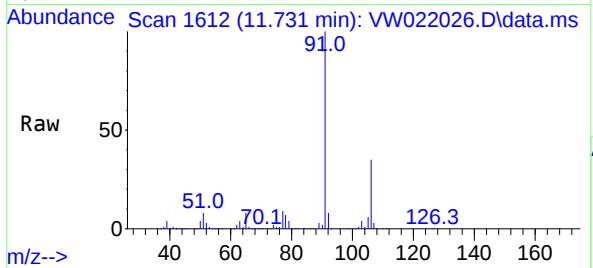




#52
Ethylbenzene
Concen: 32.197 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

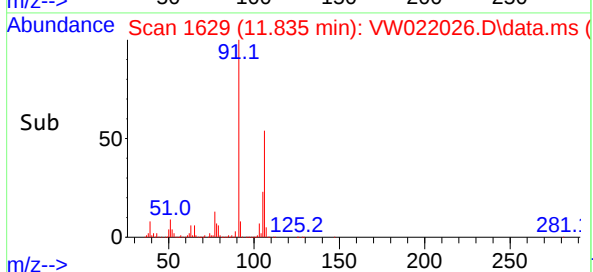
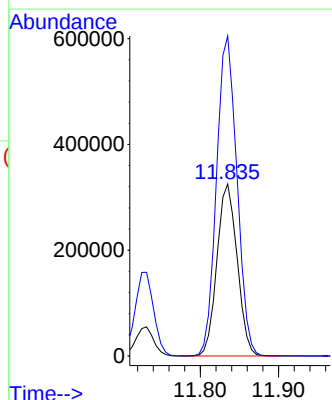
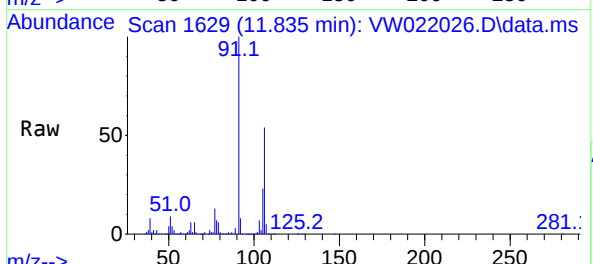
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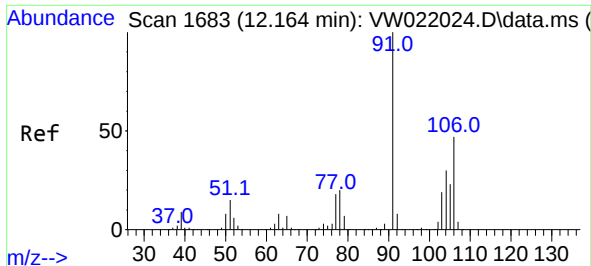
Tgt Ion: 91 Resp: 262218
Ion Ratio Lower Upper
91 100
106 34.8 22.8 42.4



#53
m,p-Xylene
Concen: 172.535 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Tgt Ion:106 Resp: 582995
Ion Ratio Lower Upper
106 100
91 186.0 129.6 240.8

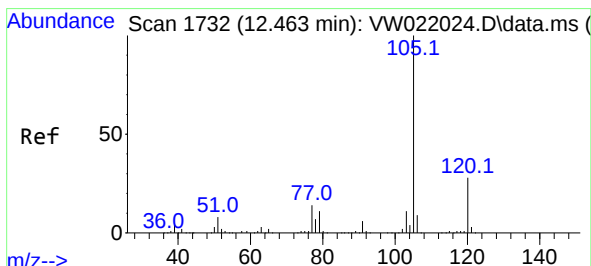
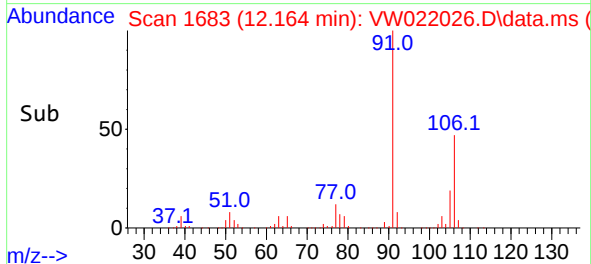
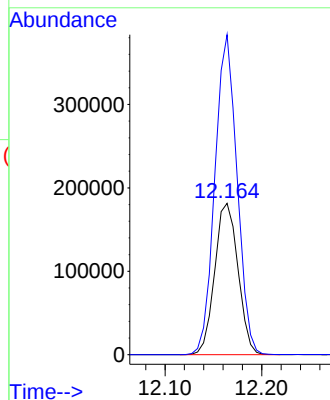
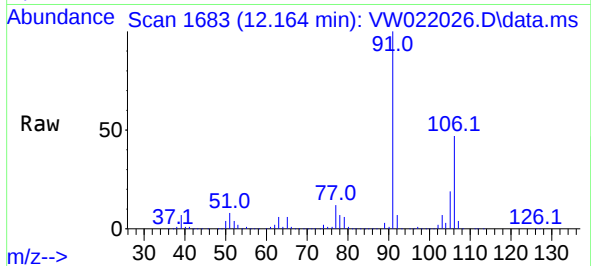




#54
o-Xylene
Concen: 95.869 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

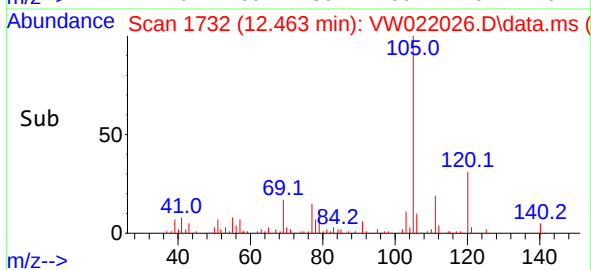
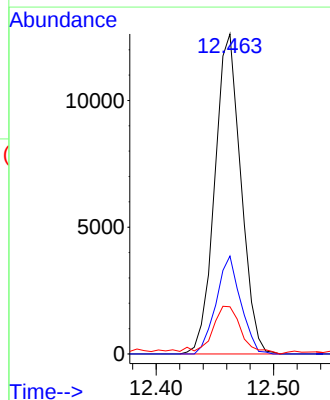
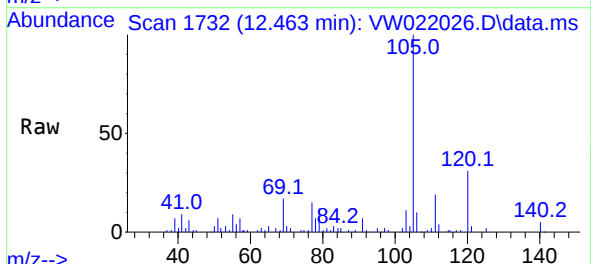
Instrument :
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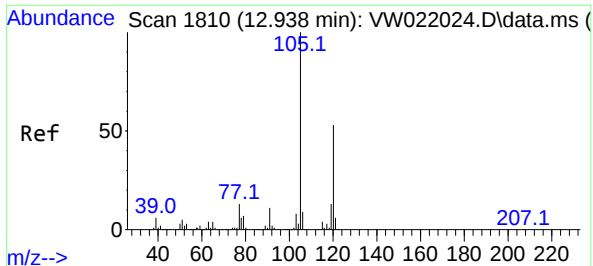
Tgt Ion:106 Resp: 303029
Ion Ratio Lower Upper
106 100
91 211.4 136.4 253.4



#60
Isopropylbenzene
Concen: 2.582 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Tgt Ion:105 Resp: 19497
Ion Ratio Lower Upper
105 100
120 28.8 22.1 33.1
77 15.9 11.8 17.8

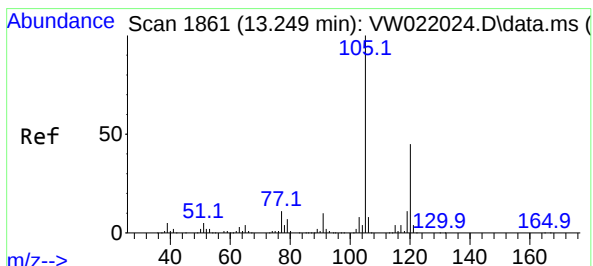
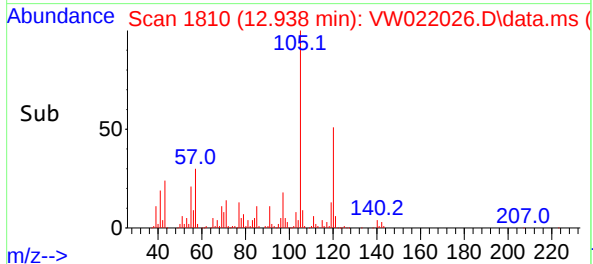
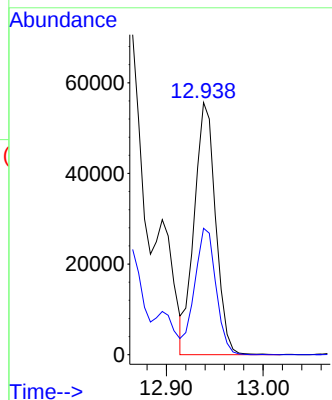
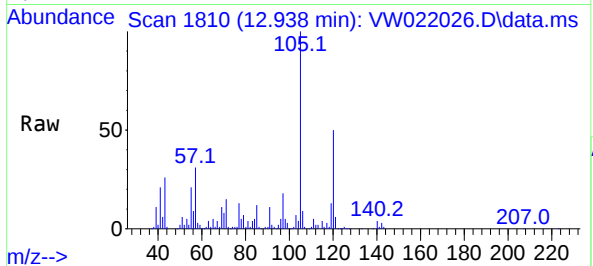




#62
1,3,5-Trimethylbenzene
Concen: 17.056 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:105 Resp: 85420
Ion Ratio Lower Upper
105 100
120 50.3 40.9 61.3



#63
1,2,4-Trimethylbenzene
Concen: 31.496 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Tgt Ion:105 Resp: 192182
Ion Ratio Lower Upper
105 100
120 47.8 37.8 56.8

