

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022522\
 Data File : VW022150.D
 Acq On : 25 Feb 2022 11:36
 Operator : SY/VA
 Sample : N1631-16RE
 Misc : 5.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRL6RE

Quant Time: Feb 28 01:07:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 28 01:06:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

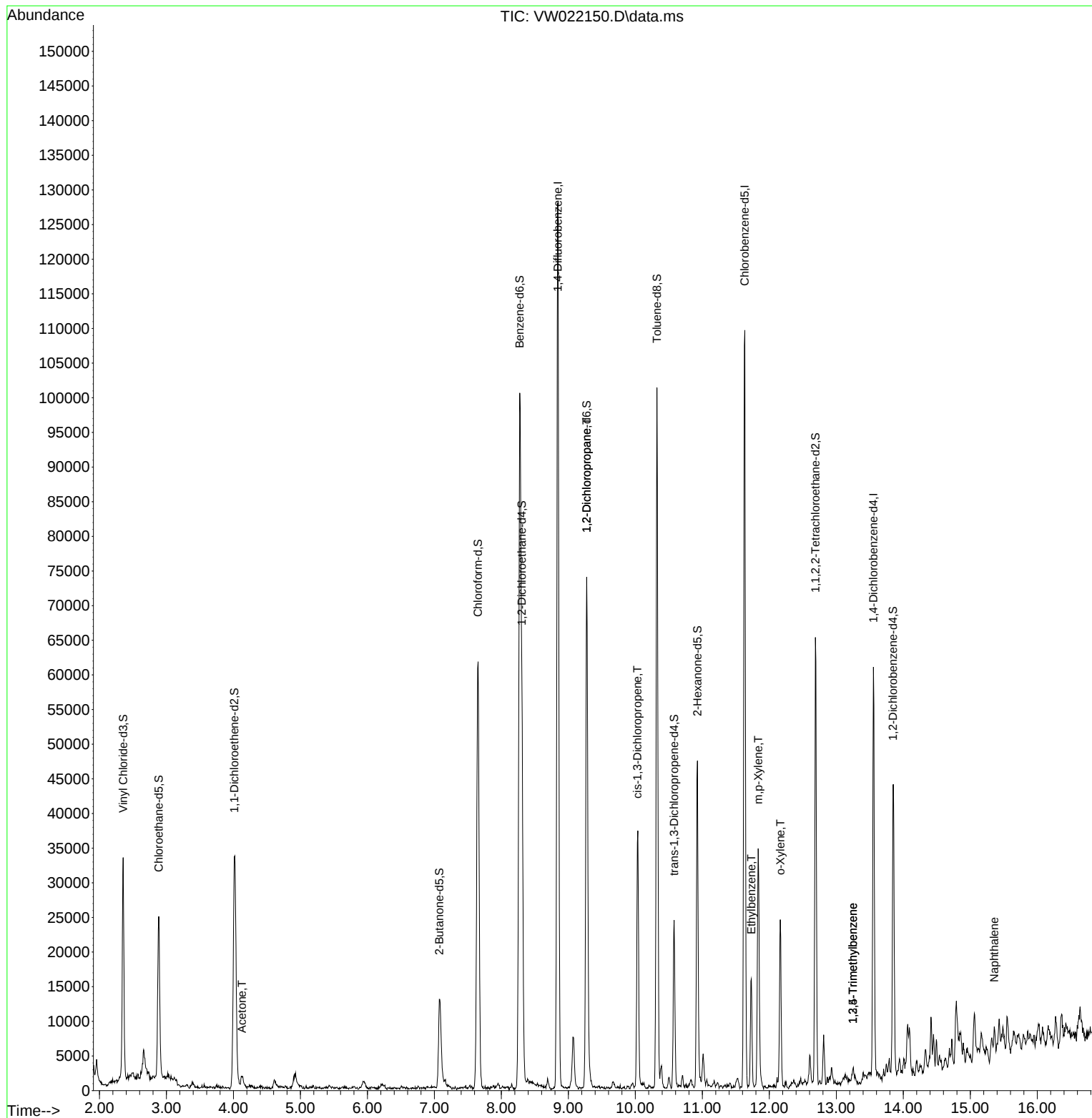
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	110253	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	65203	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	15444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29604	20.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
7) Chloroethane-d5	2.885	69	25493	22.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.120%
11) 1,1-Dichloroethene-d2	4.013	63	31460	14.286	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.160%
21) 2-Butanone-d5	7.073	46	21367	88.372	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.740%#
24) Chloroform-d	7.652	84	63130	25.664	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	8.305	65	36831	28.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	8.274	84	104899	34.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.280%#
36) 1,2-Dichloropropane-d6	9.274	67	33077	39.250	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	157.000%#
41) Toluene-d8	10.323	98	66109	21.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.640%
43) trans-1,3-Dichloroprop...	10.579	79	13405	35.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	143.520%#
47) 2-Hexanone-d5	10.926	63	15853	114.376	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	228.760%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28954	39.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.600%#
66) 1,2-Dichlorobenzene-d4	13.846	152	12001	24.193	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.760%
Target Compounds					Qvalue	
13) Acetone	4.129	43	3001	15.197	ug/L	99
37) 1,2-Dichloropropane	9.274	63	4142	5.632	ug/L	98
39) cis-1,3-Dichloropropene	10.030	75	1091	0.976	ug/L #	74
52) Ethylbenzene	11.731	91	10696	2.709	ug/L	99
53) m,p-Xylene	11.835	106	10690	6.579	ug/L	87
54) o-Xylene	12.164	106	7050	4.611	ug/L	88
62) 1,3,5-Trimethylbenzene	13.249	105	1188	0.964	ug/L	87
63) 1,2,4-Trimethylbenzene	13.249	105	1188	0.789	ug/L	91
71) Naphthalene	15.358	128	2981	3.381	ug/L	96

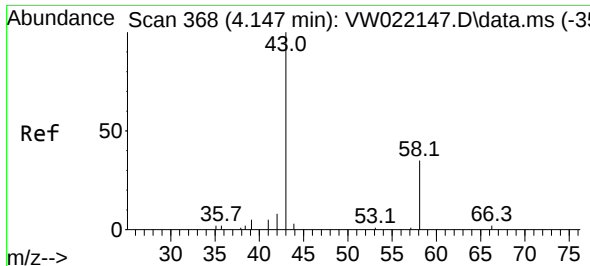
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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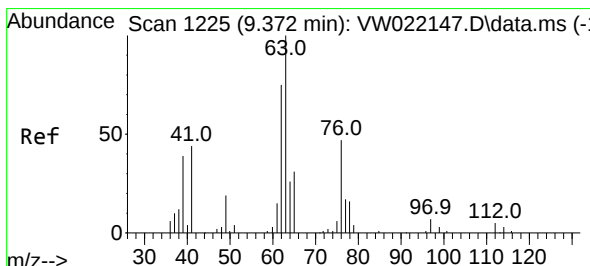
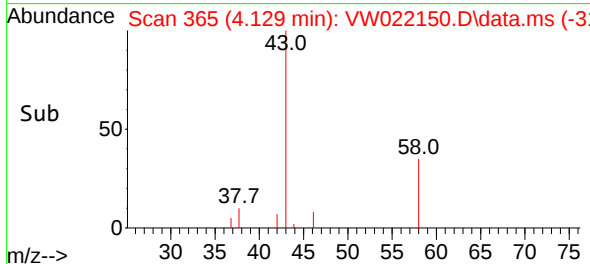
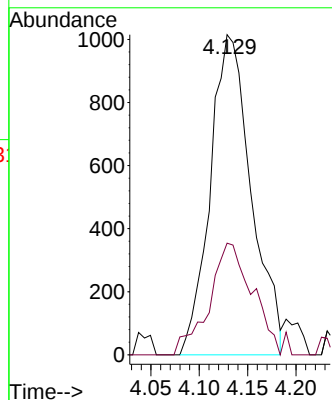
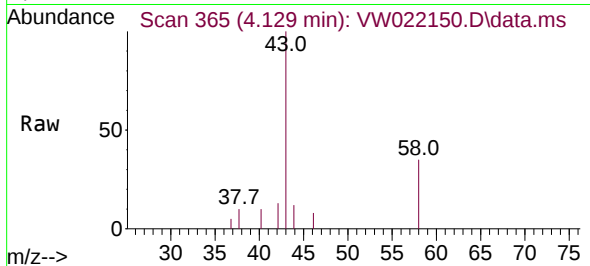




#13
Acetone
Concen: 15.197 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.019 min
Lab File: VW022150.D
Acq: 25 Feb 2022 11:36

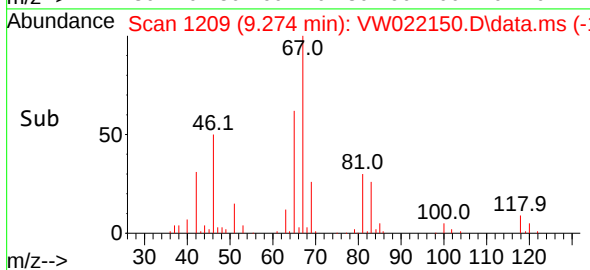
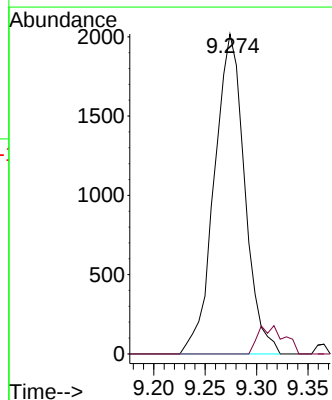
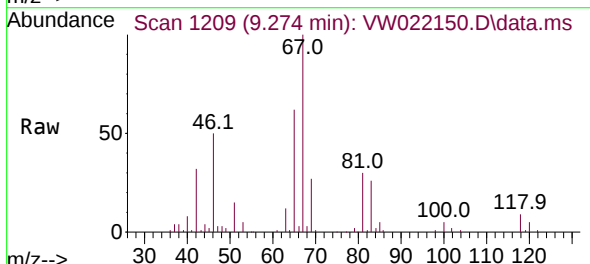
Instrument :
MSVOA_W
ClientSampleId :
DBRL6RE

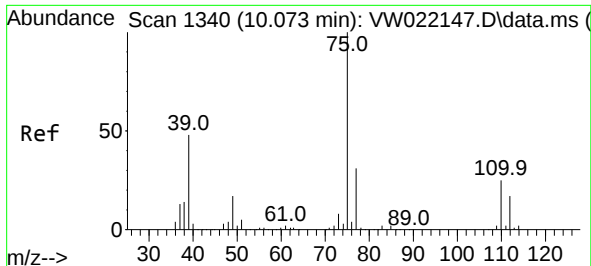
Tgt Ion: 43 Resp: 3001
Ion Ratio Lower Upper
43 100
58 35.1 0.0 69.2



#37
1,2-Dichloropropane
Concen: 5.632 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW022150.D
Acq: 25 Feb 2022 11:36

Tgt Ion: 63 Resp: 4142
Ion Ratio Lower Upper
63 100
112 5.8 4.1 6.1

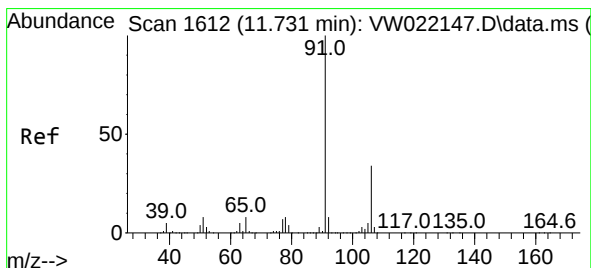
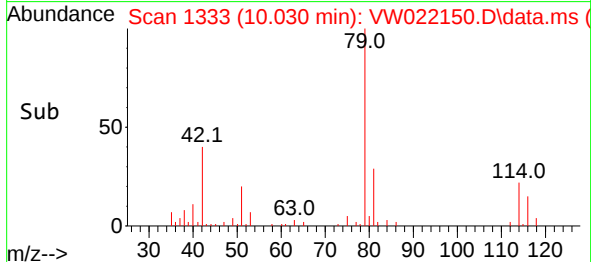
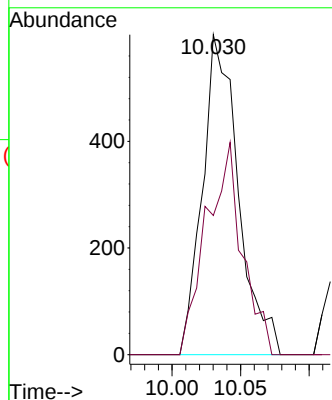
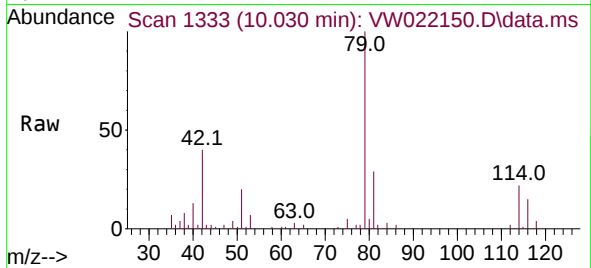




#39
 cis-1,3-Dichloropropene
 Concen: 0.976 ug/L
 RT: 10.030 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VW022150.D
 Acq: 25 Feb 2022 11:36

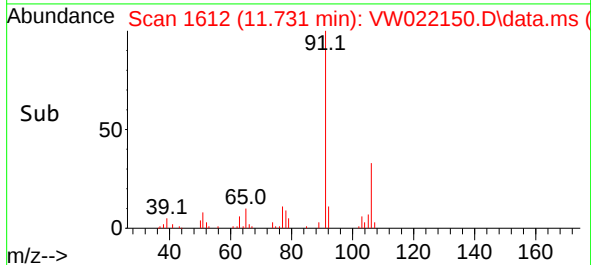
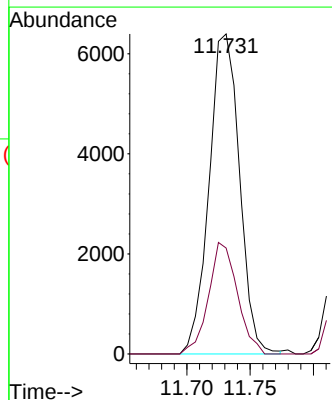
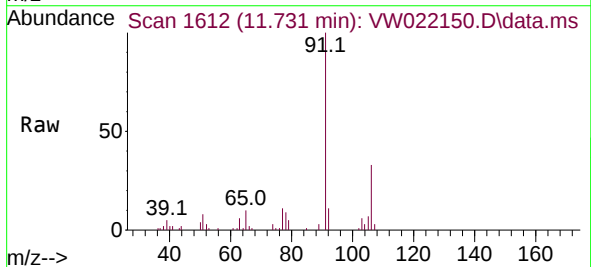
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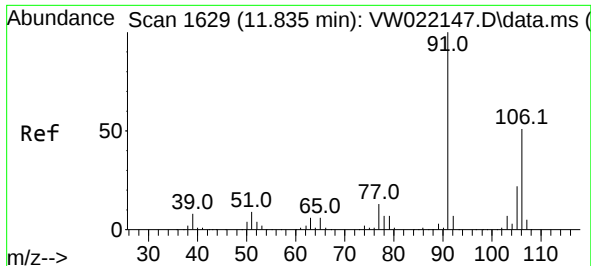
Tgt Ion: 75 Resp: 1091
 Ion Ratio Lower Upper
 75 100
 77 43.5 20.6 38.2#



#52
 Ethylbenzene
 Concen: 2.709 ug/L
 RT: 11.731 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: VW022150.D
 Acq: 25 Feb 2022 11:36

Tgt Ion: 91 Resp: 10696
 Ion Ratio Lower Upper
 91 100
 106 33.1 22.8 42.4

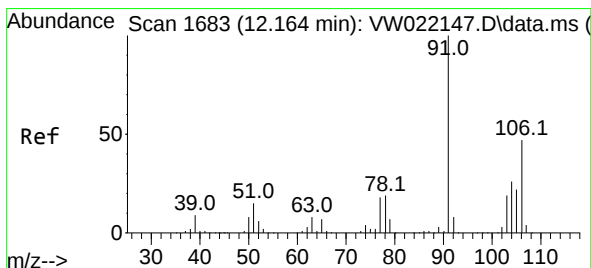
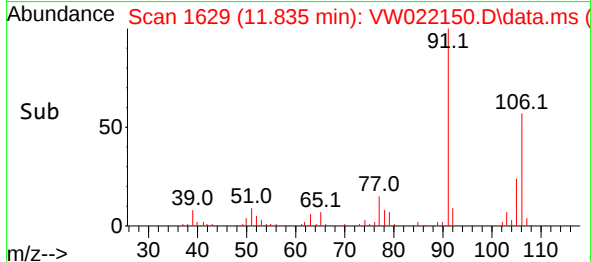
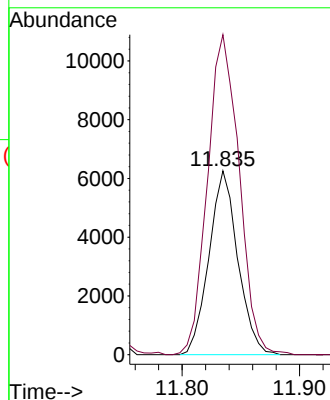
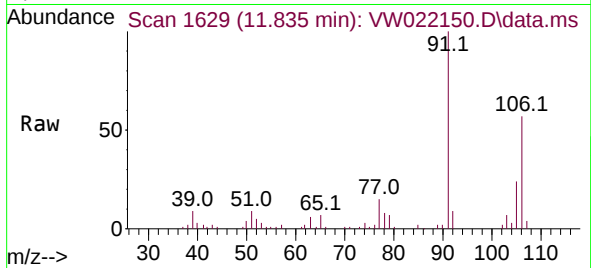




#53
m,p-Xylene
Concen: 6.579 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022150.D
Acq: 25 Feb 2022 11:36

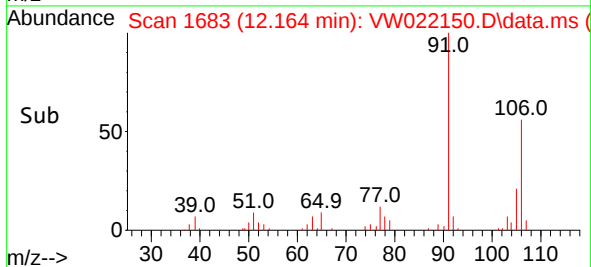
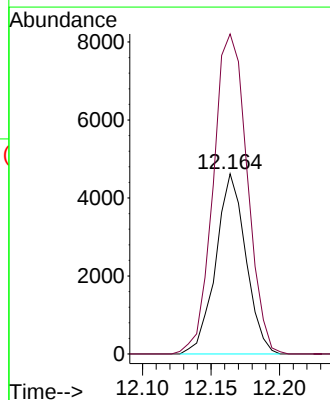
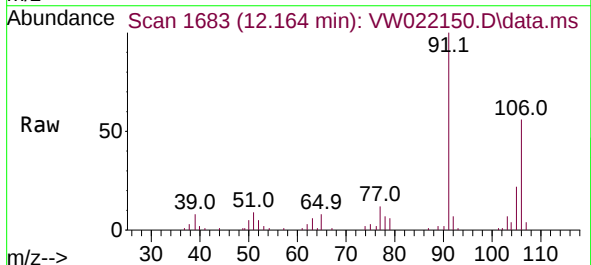
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MSVOA_W
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DBRL6RE

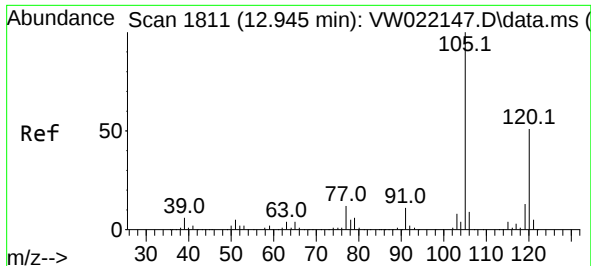
Tgt Ion:106 Resp: 10690
Ion Ratio Lower Upper
106 100
91 174.0 135.0 250.8



#54
o-Xylene
Concen: 4.611 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022150.D
Acq: 25 Feb 2022 11:36

Tgt Ion:106 Resp: 7050
Ion Ratio Lower Upper
106 100
91 177.6 136.9 254.3





#62

1,3,5-Trimethylbenzene

Concen: 0.964 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.305 min

Lab File: VW022150.D

Acq: 25 Feb 2022 11:36

Instrument :

MSVOA_W

ClientSampleId :

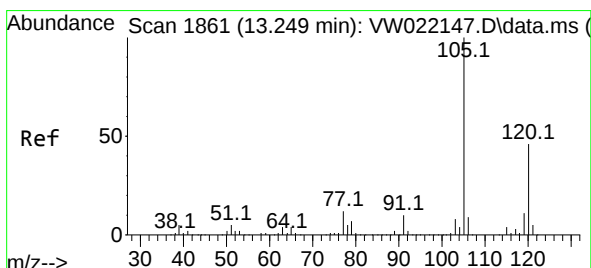
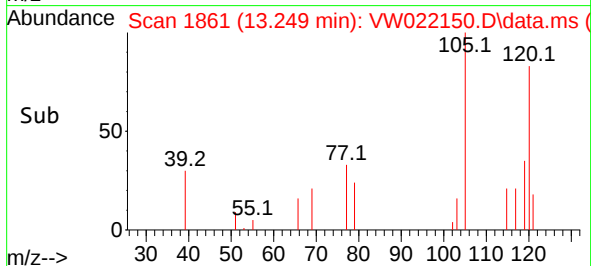
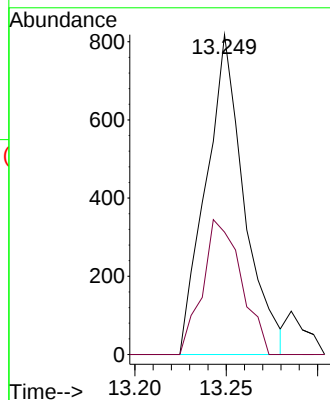
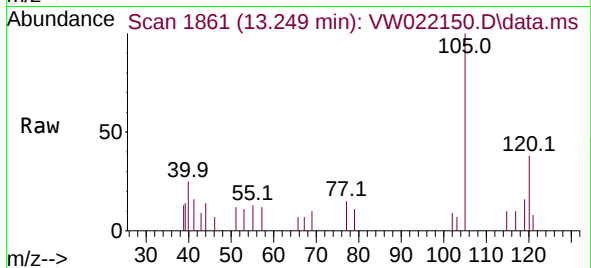
DBRL6RE

Tgt Ion:105 Resp: 1188

Ion Ratio Lower Upper

105 100

120 42.8 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 0.789 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022150.D

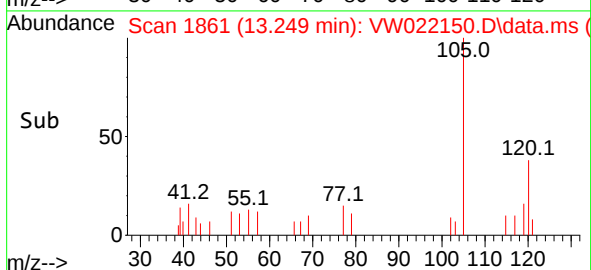
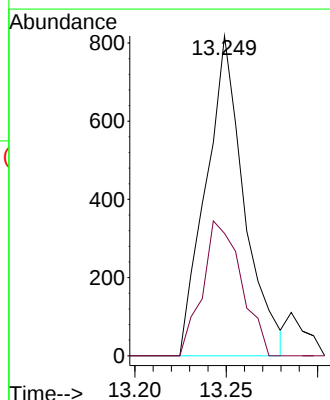
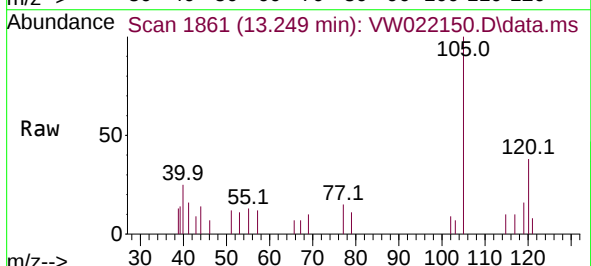
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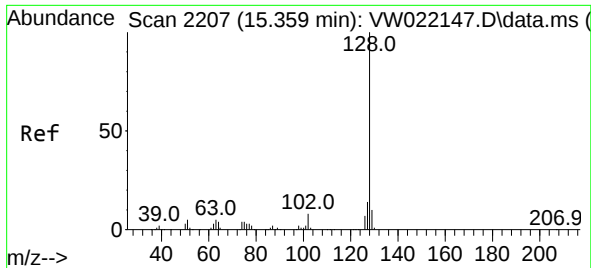
Tgt Ion:105 Resp: 1188

Ion Ratio Lower Upper

105 100

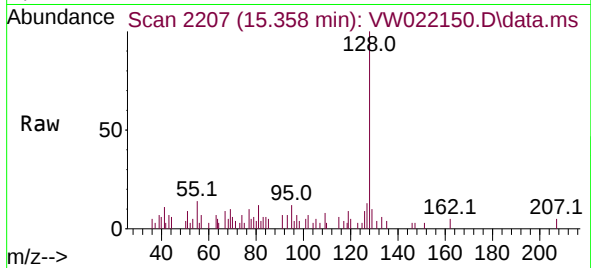
120 42.8 39.2 58.8





#71
Naphthalene
Concen: 3.381 ug/L
RT: 15.358 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022150.D
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Tgt Ion:128 Resp: 2981
Ion Ratio Lower Upper
128 100
127 15.9 11.0 16.6
129 12.4 8.9 13.3

