

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
 Data File : VW021915.D
 Acq On : 14 Jan 2022 16:03
 Operator : SY/VA
 Sample : N1115-19
 Misc : 5.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLT0

Quant Time: Jan 17 00:47:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 00:44:09 2022
 Response via : Initial Calibration

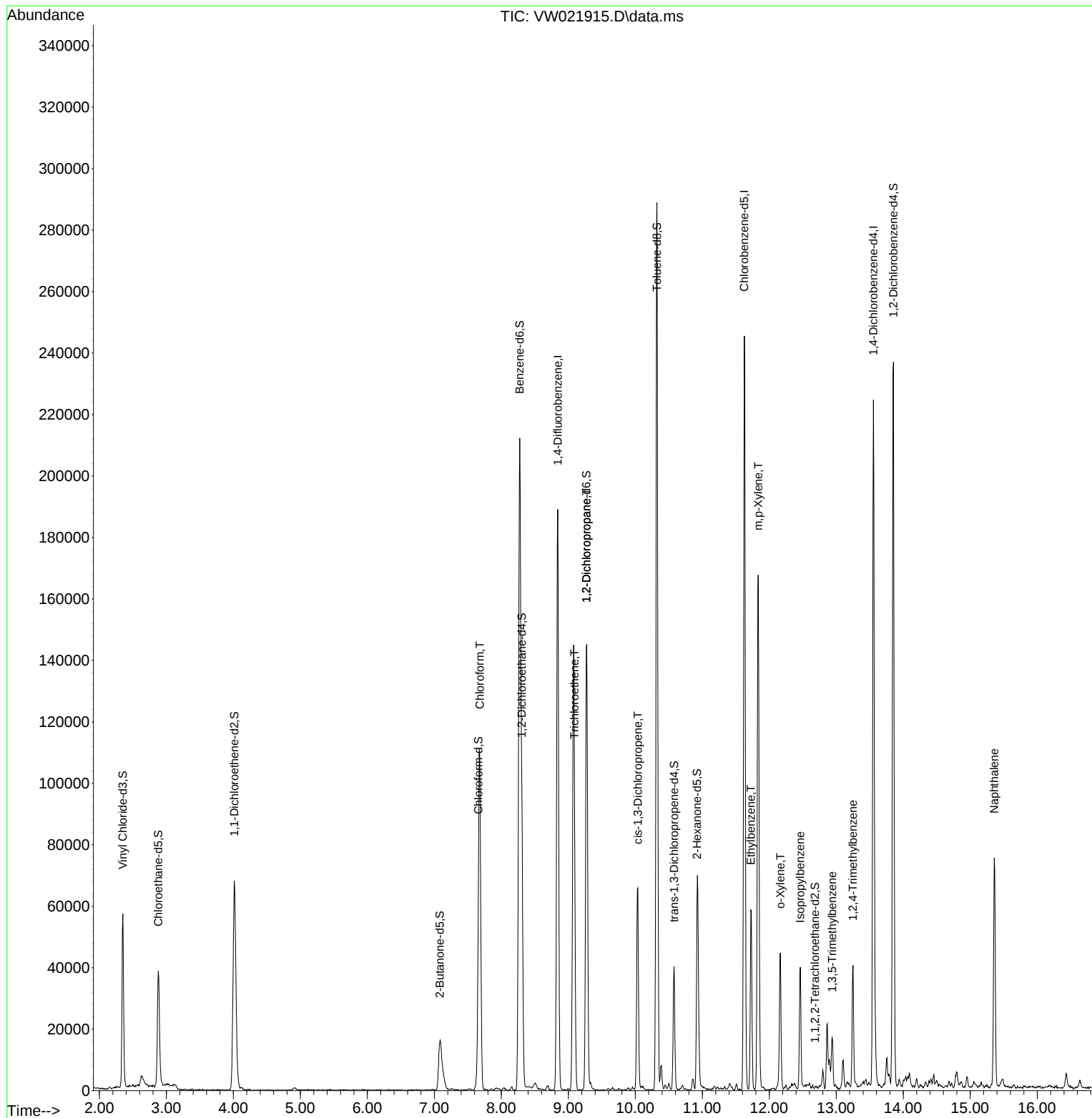
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	172225	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	149762	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	54503	17.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.120%
7) Chloroethane-d5	2.879	69	43614	15.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.360%
11) 1,1-Dichloroethene-d2	4.013	63	63491	12.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.240%
21) 2-Butanone-d5	7.080	46	22401	49.580	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.160%
24) Chloroform-d	7.659	84	8571	1.540	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	6.160%#
26) 1,2-Dichloroethane-d4	8.305	65	64460	23.991	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.960%
32) Benzene-d6	8.275	84	226427	23.301	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	9.268	67	66767	26.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	10.323	98	196489	20.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.240%
43) trans-1,3-Dichloroprop...	10.579	79	22123	20.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.360%
47) 2-Hexanone-d5	10.920	63	15088	43.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.820%
56) 1,1,2,2-Tetrachloroeth...	12.682	84	110	0.055	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.200%#
66) 1,2-Dichlorobenzene-d4	13.853	152	69219	26.729	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.920%
Target Compounds						
25) Chloroform	7.677	83	110517	22.929	ug/L	98
34) Trichloroethene	9.092	95	16715	6.274	ug/L	92
37) 1,2-Dichloropropane	9.268	63	8005	4.001	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	2053	0.660	ug/L	# 74
52) Ethylbenzene	11.725	91	43093	3.766	ug/L	94
53) m,p-Xylene	11.835	106	56669	11.845	ug/L	83
54) o-Xylene	12.164	106	12789	2.879	ug/L	88
60) Isopropylbenzene	12.463	105	25904	3.020	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	6945	0.978	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	22270	3.179	ug/L	96
71) Naphthalene	15.359	128	67689	17.183	ug/L	99

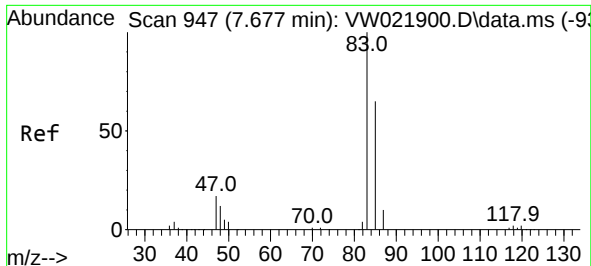
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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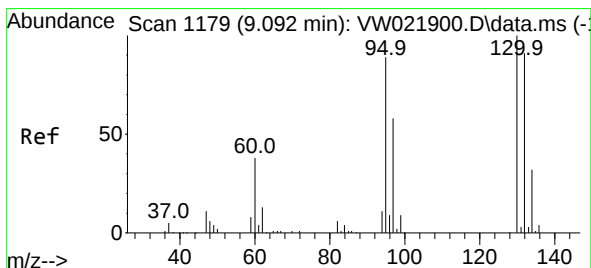
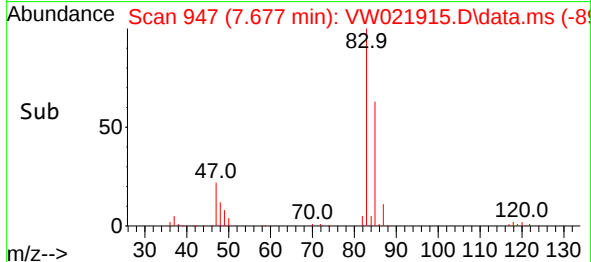
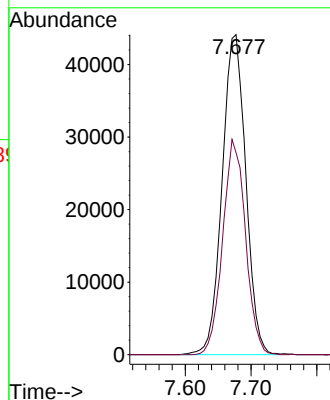
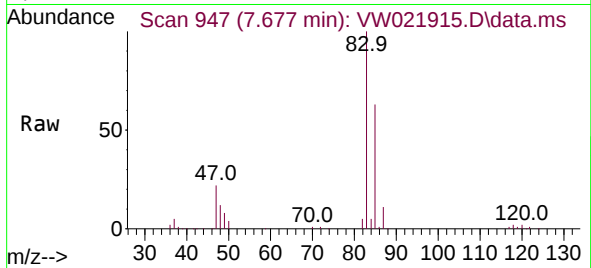




#25
Chloroform
Concen: 22.929 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021915.D
Acq: 14 Jan 2022 16:03

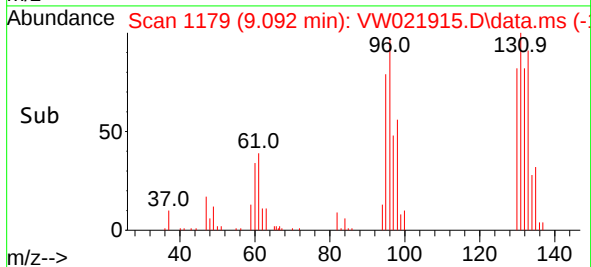
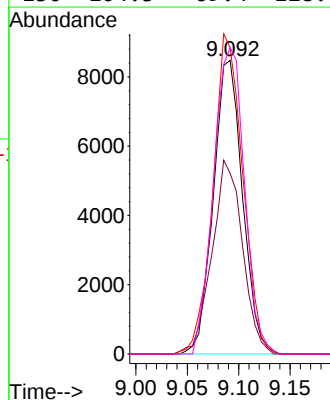
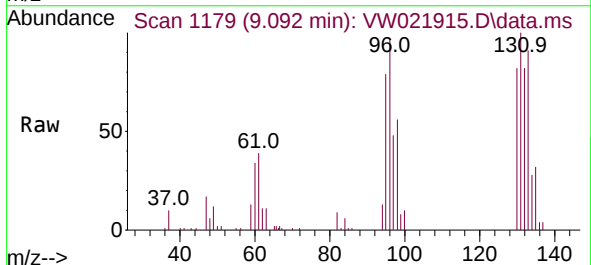
Instrument :
MSVOA_W
ClientSampleId :
BGLT0

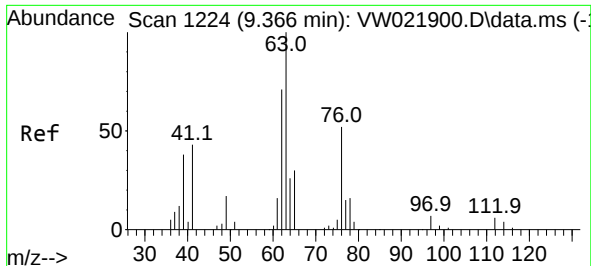
Tgt Ion: 83 Resp: 110517
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.7



#34
Trichloroethene
Concen: 6.274 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021915.D
Acq: 14 Jan 2022 16:03

Tgt Ion: 95 Resp: 16715
Ion Ratio Lower Upper
95 100
97 61.5 47.0 87.2
132 104.4 65.5 121.6
130 104.3 69.4 128.8





#37

1,2-Dichloropropane

Concen: 4.001 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021915.D

Acq: 14 Jan 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

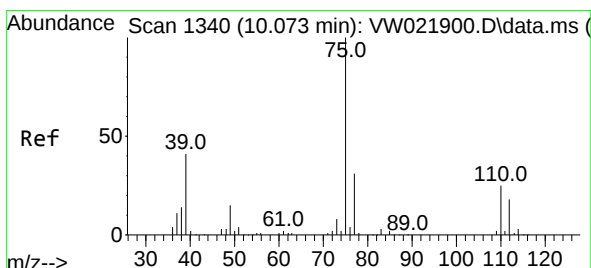
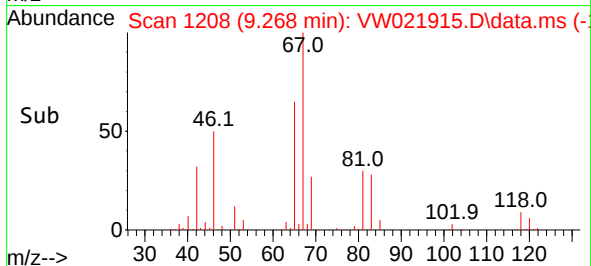
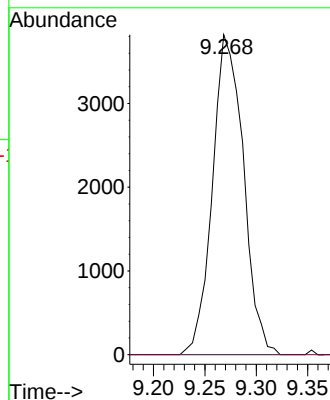
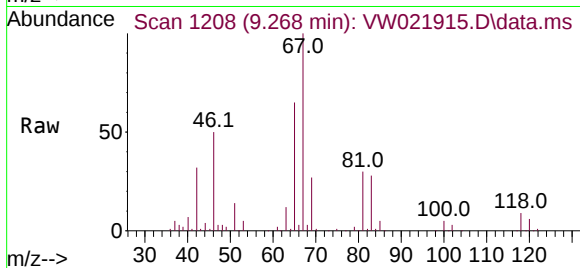
BGLT0

Tgt Ion: 63 Resp: 8005

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021915.D

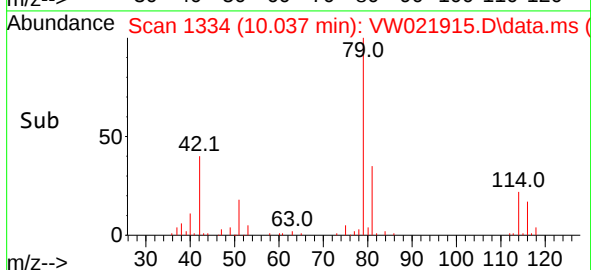
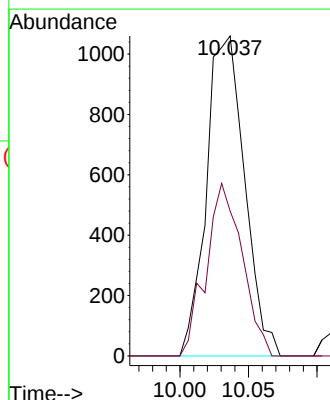
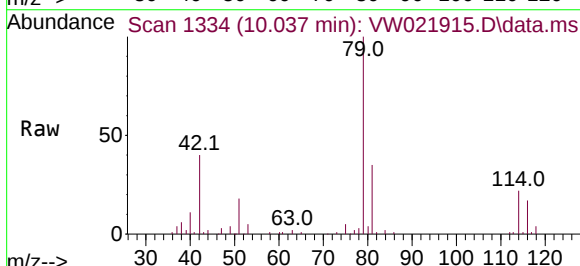
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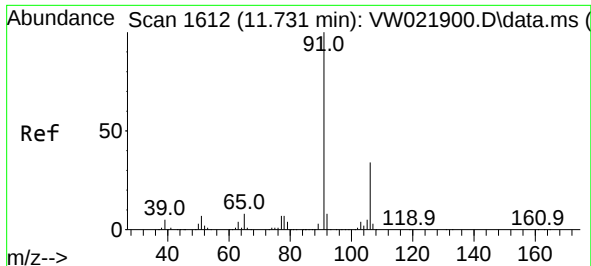
Tgt Ion: 75 Resp: 2053

Ion Ratio Lower Upper

75 100

77 45.3 21.8 40.6#





#52

Ethylbenzene

Concen: 3.766 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021915.D

Acq: 14 Jan 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

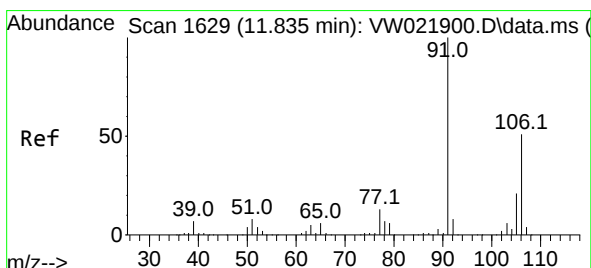
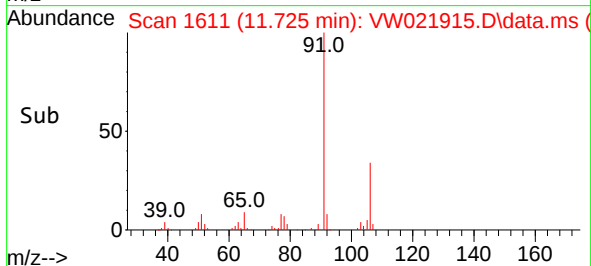
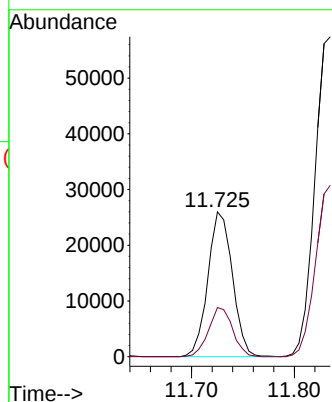
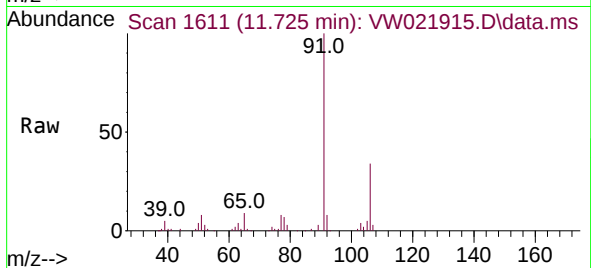
BGLT0

Tgt Ion: 91 Resp: 43093

Ion Ratio Lower Upper

91 100

106 33.9 21.5 39.9



#53

m,p-Xylene

Concen: 11.845 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW021915.D

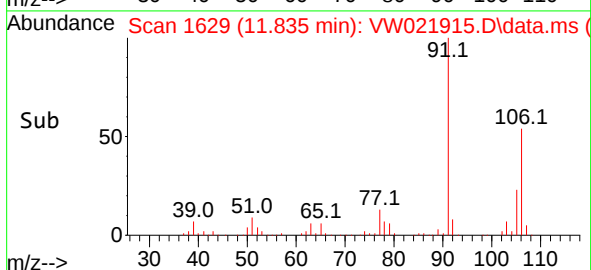
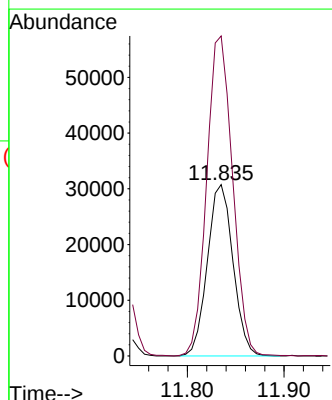
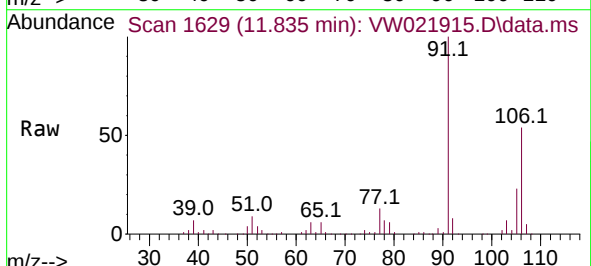
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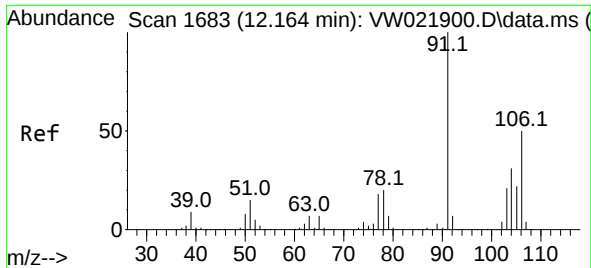
Tgt Ion:106 Resp: 56669

Ion Ratio Lower Upper

106 100

91 186.7 149.9 278.3

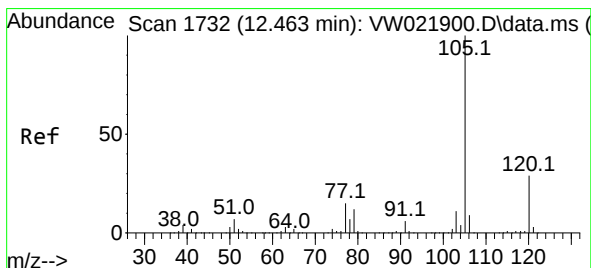
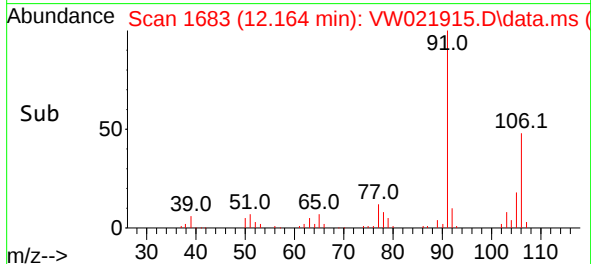
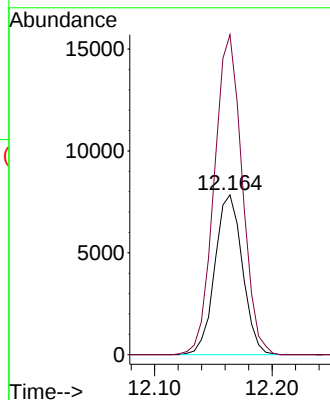
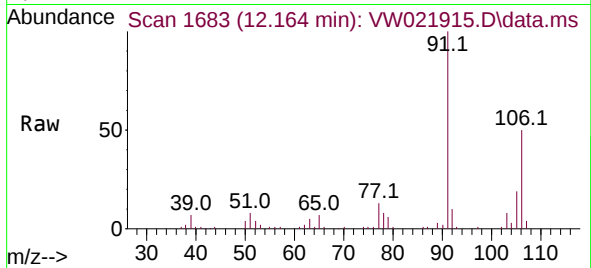




#54
o-Xylene
Concen: 2.879 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021915.D
Acq: 14 Jan 2022 16:03

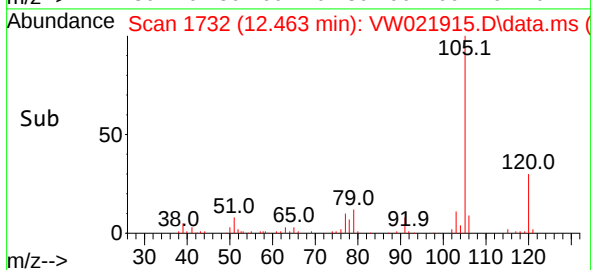
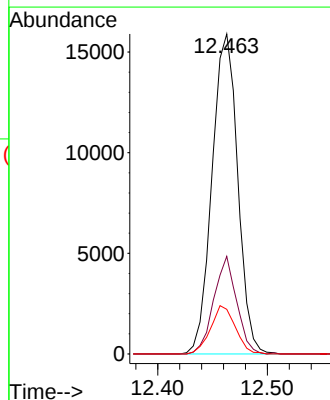
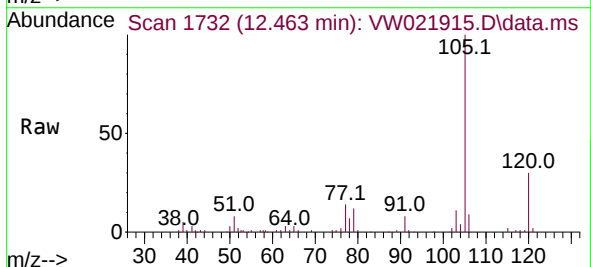
Instrument :
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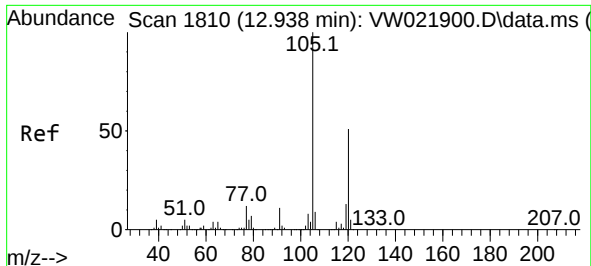
Tgt Ion:106 Resp: 12789
Ion Ratio Lower Upper
106 100
91 200.3 153.6 285.3



#60
Isopropylbenzene
Concen: 3.020 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021915.D
Acq: 14 Jan 2022 16:03

Tgt Ion:105 Resp: 25904
Ion Ratio Lower Upper
105 100
120 27.2 20.1 30.1
77 14.6 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 0.978 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021915.D

Acq: 14 Jan 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

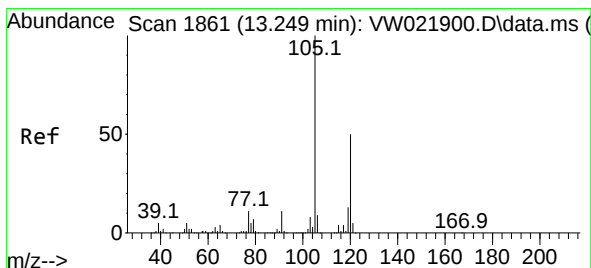
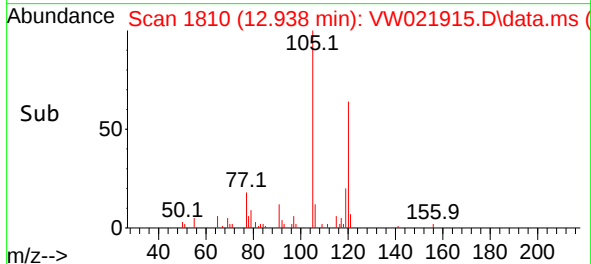
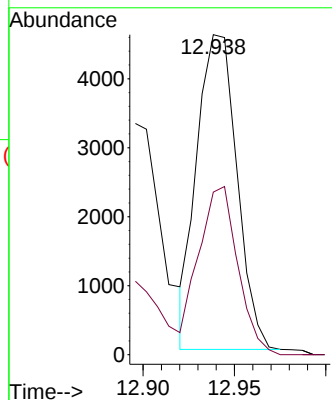
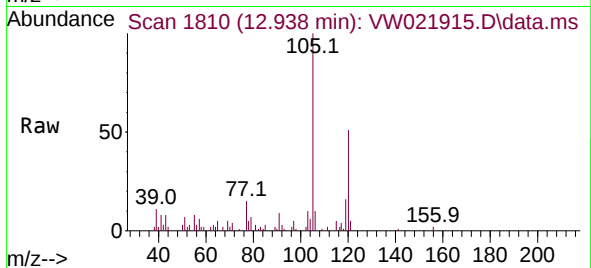
BGLT0

Tgt Ion:105 Resp: 6945

Ion Ratio Lower Upper

105 100

120 52.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 3.179 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021915.D

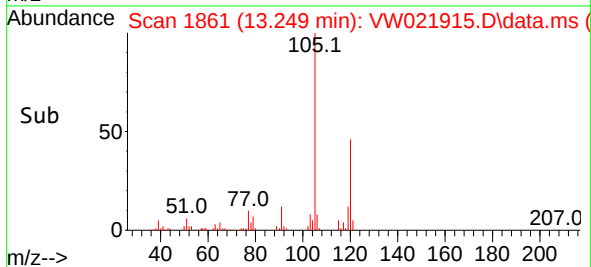
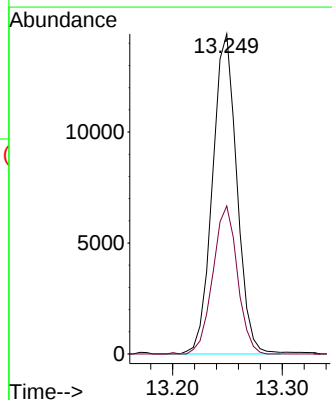
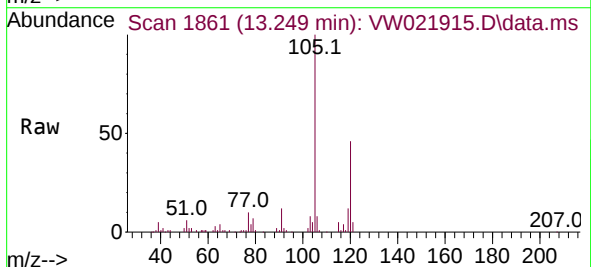
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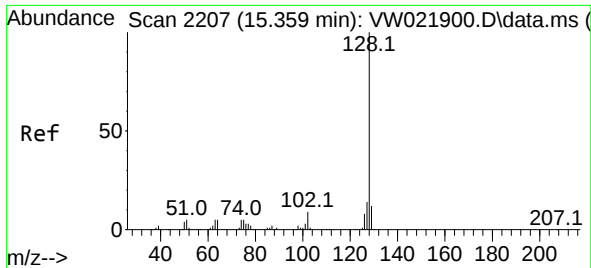
Tgt Ion:105 Resp: 22270

Ion Ratio Lower Upper

105 100

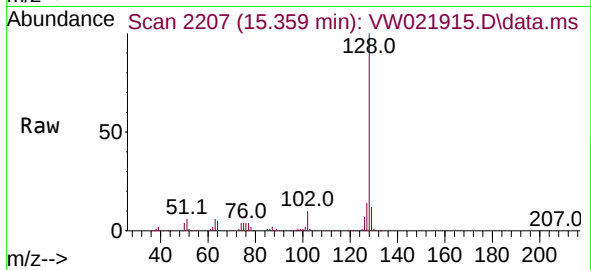
120 46.4 35.0 52.6





#71
Naphthalene
Concen: 17.183 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021915.D
Acq: 14 Jan 2022 16:03

Instrument :
MSVOA_W
ClientSampleId :
BGLT0



Tgt Ion:128 Resp: 67689
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.4 8.6 12.8

