

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022441.D
 Acq On : 07 Apr 2022 18:56
 Operator : SY/VA
 Sample : N2293-06
 Misc : 7.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 06:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 06:30:01 2022
 Response via : Initial Calibration

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

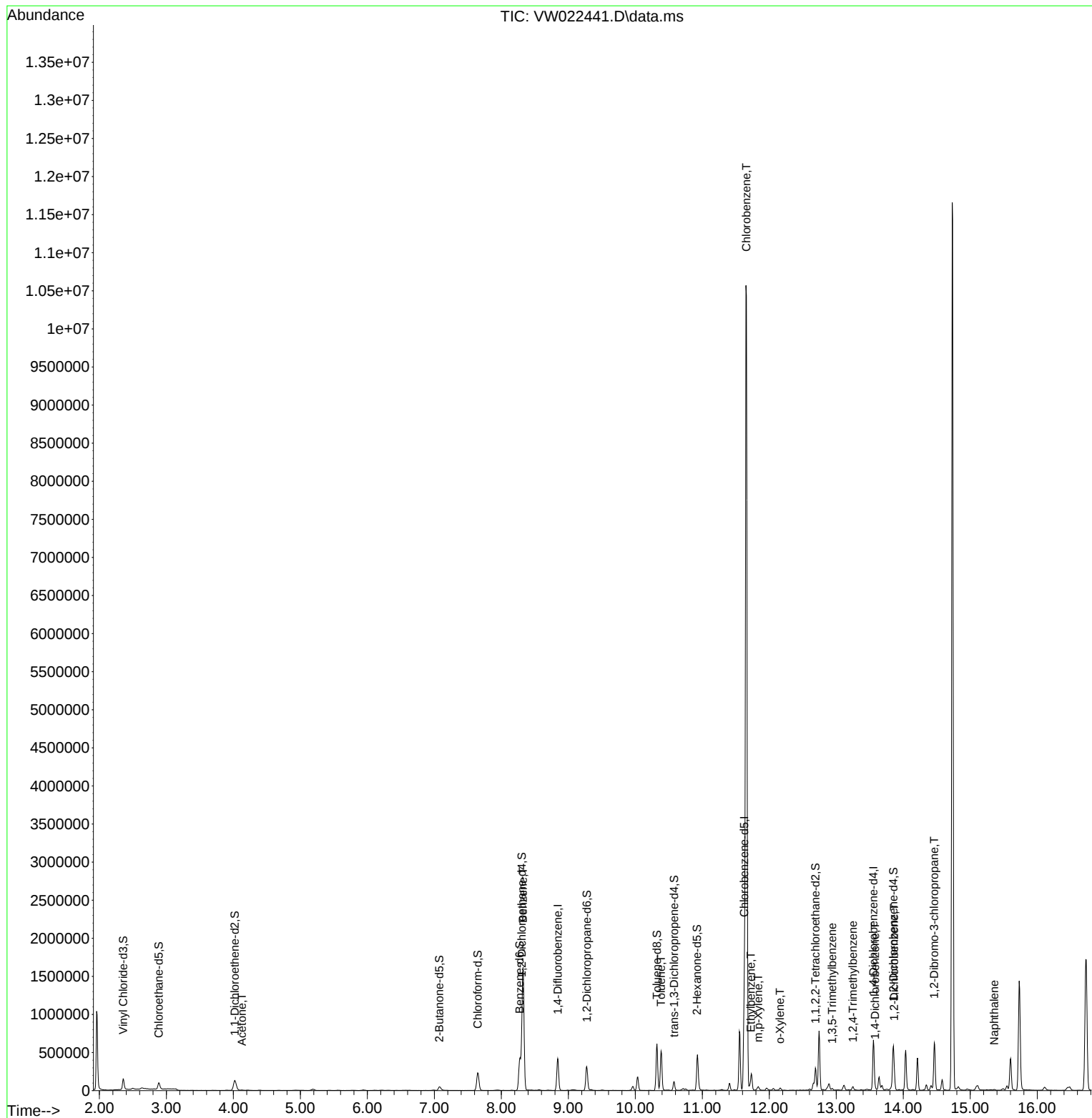
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	323670	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	322462	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	146845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	139162	19.449	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.800%		
7) Chloroethane-d5	2.885	69	92692	20.670	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.680%		
11) 1,1-Dichloroethene-d2	4.019	63	120585	12.993	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	51.960%		
21) 2-Butanone-d5	7.074	46	79726	63.820	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	127.640%		
24) Chloroform-d	7.647	84	222349	21.978	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.920%		
26) 1,2-Dichloroethane-d4	8.305	65	145748	25.214	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.840%		
32) Benzene-d6	8.275	84	406776	20.647	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.600%		
36) 1,2-Dichloropropane-d6	9.274	67	129505	22.715	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.840%		
41) Toluene-d8	10.323	98	372404	19.300	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.200%		
43) trans-1,3-Dichloroprop...	10.579	79	60197	22.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.480%		
47) 2-Hexanone-d5	10.920	63	84051	79.238	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	158.480%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	133223	27.482	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	109.920%		
66) 1,2-Dichlorobenzene-d4	13.853	152	120592	23.185	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.760%		
Target Compounds						Qvalue
13) Acetone	4.129	43	9031	10.618	ug/L	88
33) Benzene	8.323	78	1458483	66.618	ug/L	100
42) Toluene	10.384	91	302963	12.076	ug/L	93
51) Chlorobenzene	11.658	112	5229309	341.106	ug/L	95
52) Ethylbenzene	11.725	91	16029	0.570	ug/L	93
53) m,p-Xylene	11.835	106	12006	1.123	ug/L	100
54) o-Xylene	12.158	106	8035	0.786	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	9460	0.705	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	22377	1.097	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	6129	0.621	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	42026	4.747	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.463	75	124575	171.955	ug/L #	12
71) Naphthalene	15.359	128	7912	0.692	ug/L	96

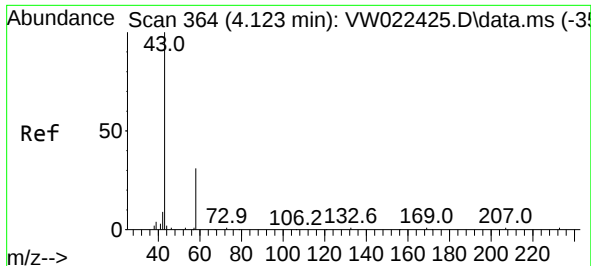
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022441.D
Acq On : 07 Apr 2022 18:56
Operator : SY/VA
Sample : N2293-06
Misc : 7.18g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 08 06:34:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 08 06:30:01 2022
Response via : Initial Calibration

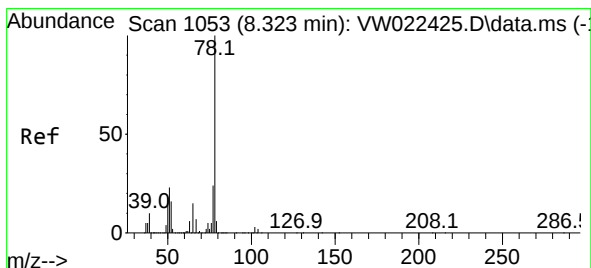
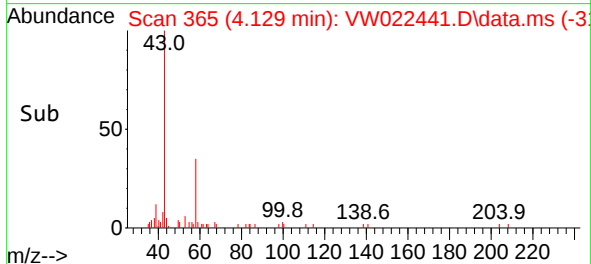
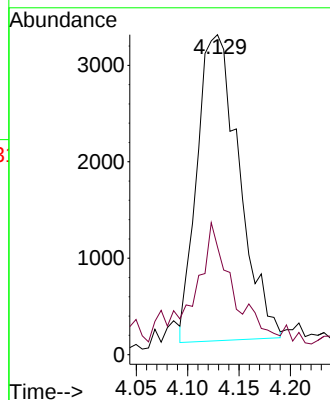
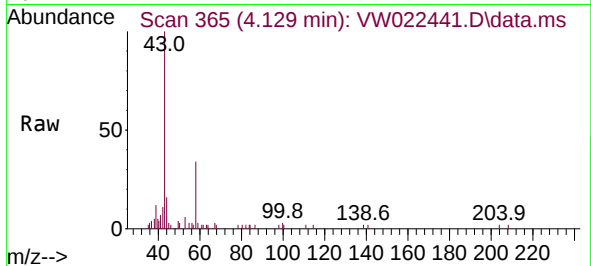




#13
Acetone
Concen: 10.618 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW022441.D
Acq: 07 Apr 2022 18:56

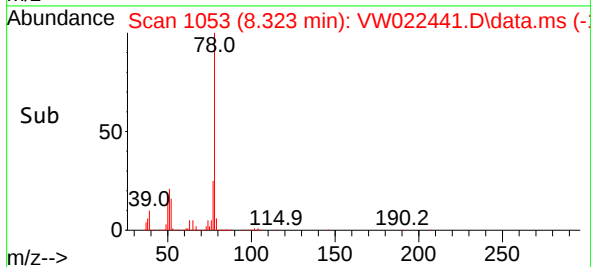
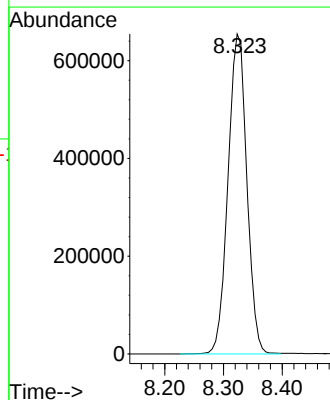
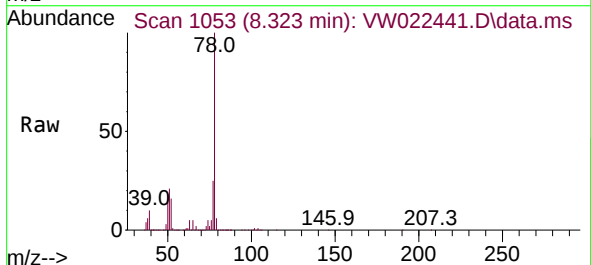
Instrument :
MSVOA_W
ClientSampleId :

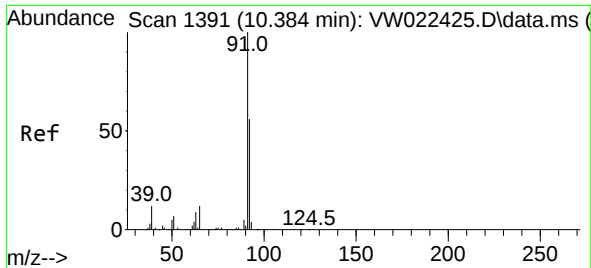
Tgt Ion: 43 Resp: 9031
Ion Ratio Lower Upper
43 100
58 34.9 0.0 57.0



#33
Benzene
Concen: 66.618 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022441.D
Acq: 07 Apr 2022 18:56

Tgt Ion: 78 Resp: 1458483

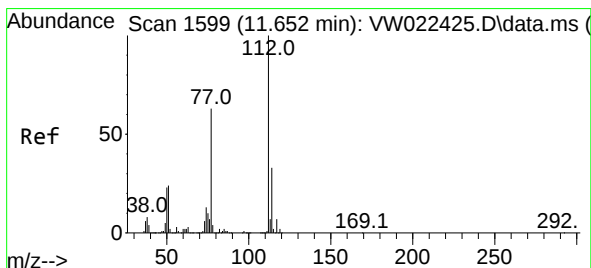
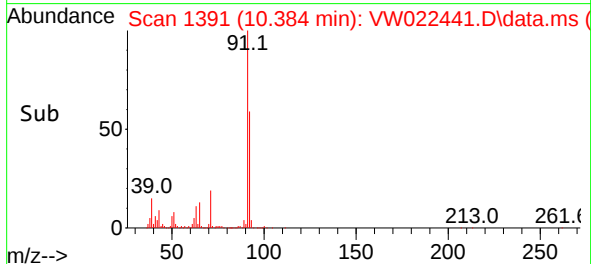
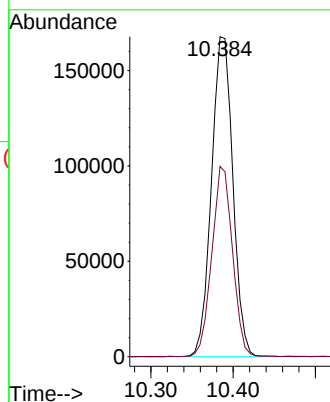
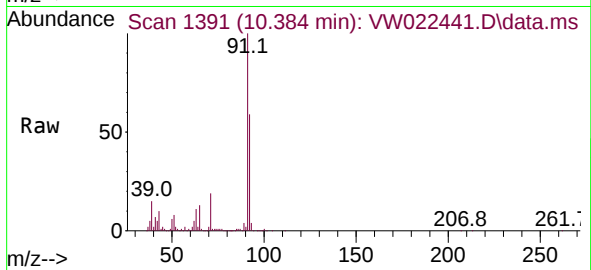




#42
Toluene
Concen: 12.076 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022441.D
Acq: 07 Apr 2022 18:56

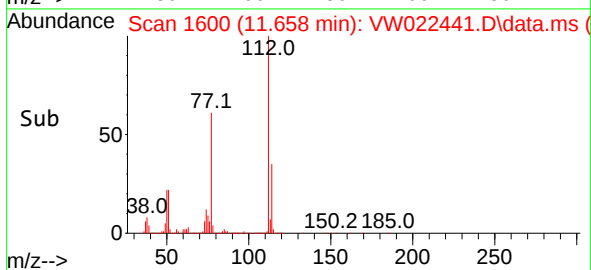
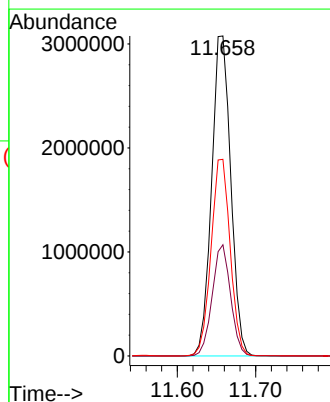
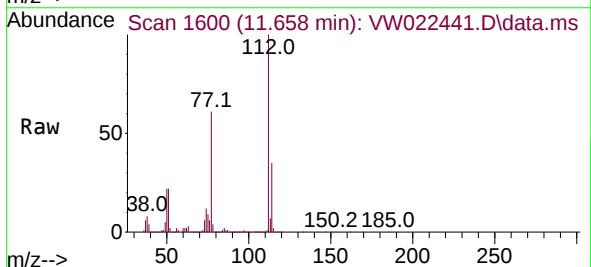
Instrument :
MSVOA_W
ClientSampleId :

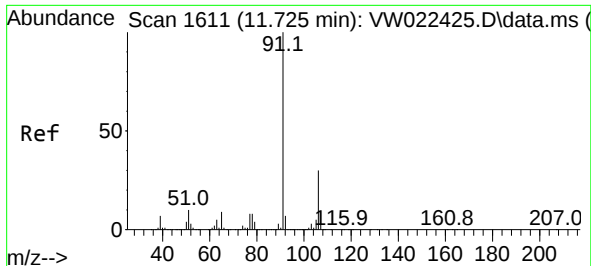
Tgt Ion: 91 Resp: 302963
Ion Ratio Lower Upper
91 100
92 59.5 38.0 70.6



#51
Chlorobenzene
Concen: 341.106 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022441.D
Acq: 07 Apr 2022 18:56

Tgt Ion:112 Resp: 5229309
Ion Ratio Lower Upper
112 100
114 34.7 20.5 38.1
77 61.5 48.1 72.1

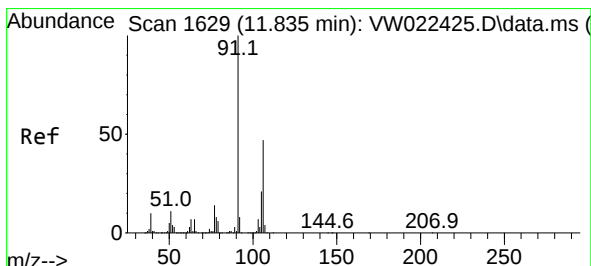
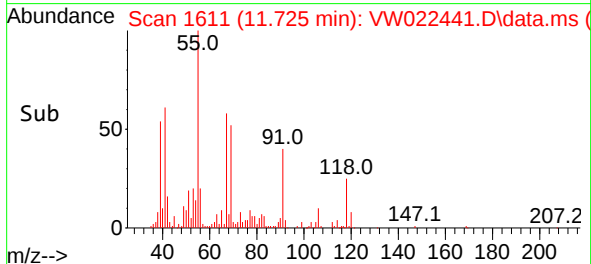
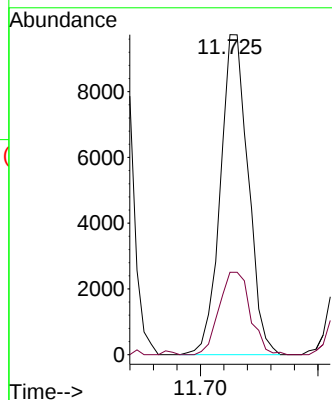
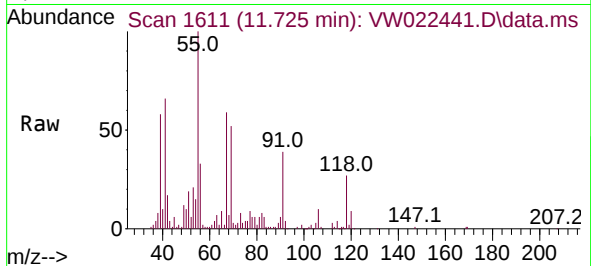




#52
Ethylbenzene
Concen: 0.570 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022441.D
Acq: 07 Apr 2022 18:56

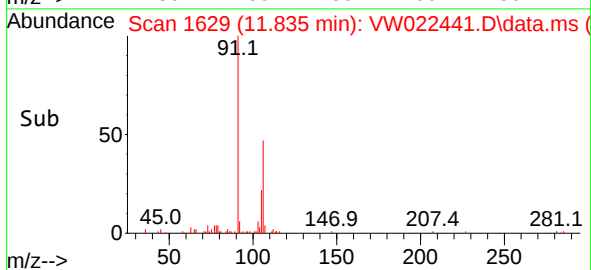
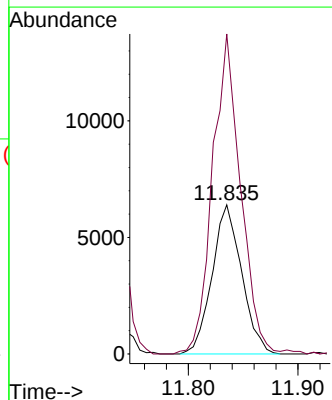
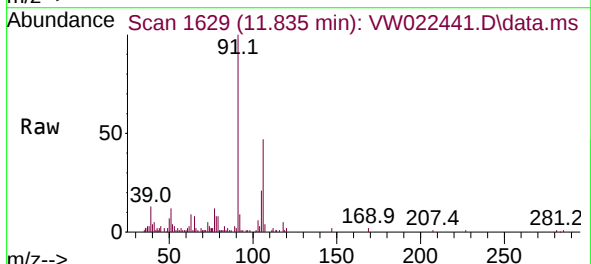
Instrument :
MSVOA_W
ClientSampleId :

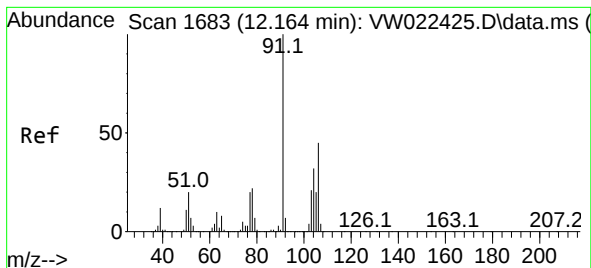
Tgt Ion: 91 Resp: 16029
Ion Ratio Lower Upper
91 100
106 25.8 20.5 38.1



#53
m,p-Xylene
Concen: 1.123 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022441.D
Acq: 07 Apr 2022 18:56

Tgt Ion:106 Resp: 12006
Ion Ratio Lower Upper
106 100
91 214.7 149.9 278.5





#54

o-Xylene

Concen: 0.786 ug/L

RT: 12.158 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022441.D

Acq: 07 Apr 2022 18:56

Instrument :

MSVOA_W

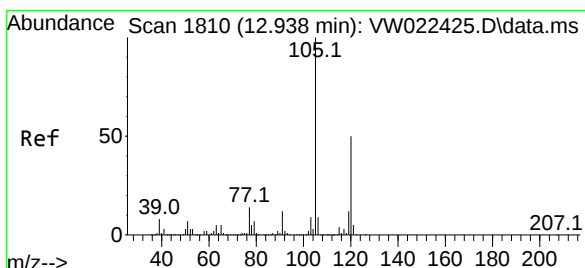
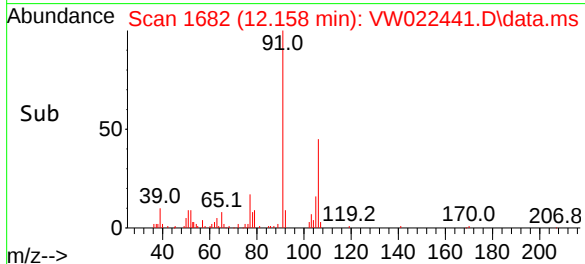
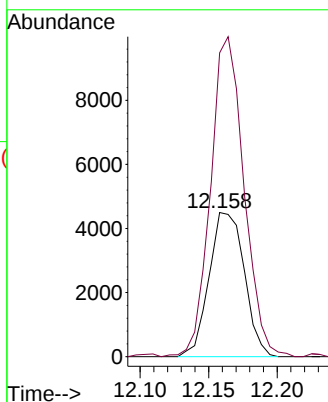
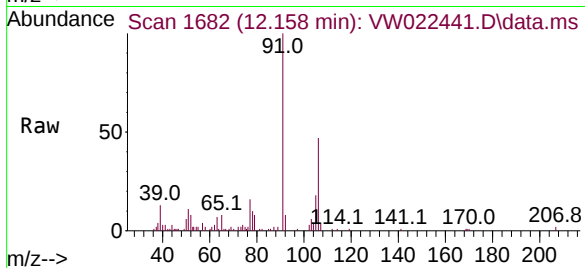
ClientSampleId :

Tgt Ion:106 Resp: 8035

Ion Ratio Lower Upper

106 100

91 210.9 155.3 288.3



#62

1,3,5-Trimethylbenzene

Concen: 0.705 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022441.D

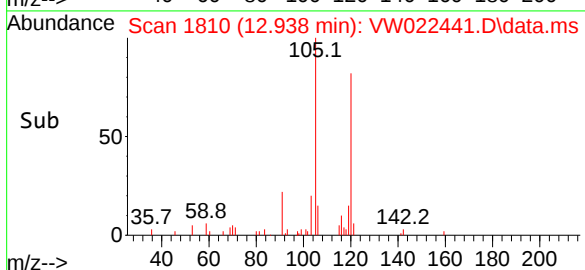
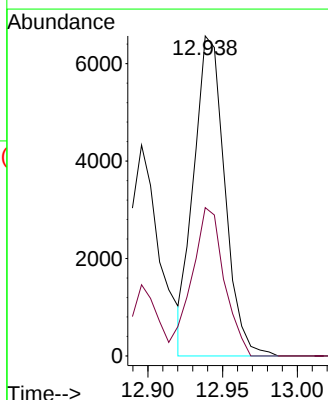
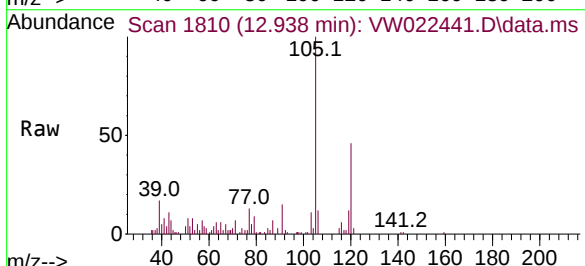
Acq: 07 Apr 2022 18:56

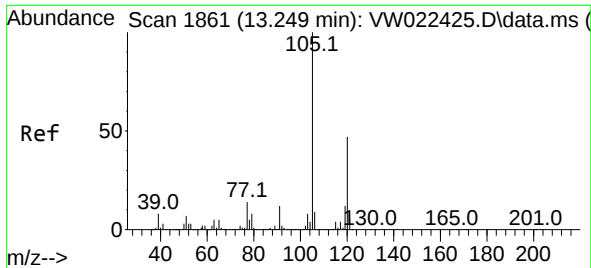
Tgt Ion:105 Resp: 9460

Ion Ratio Lower Upper

105 100

120 48.6 37.5 56.3

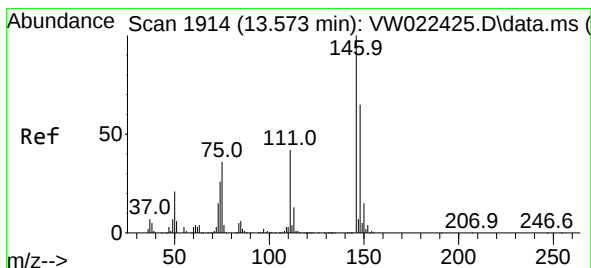
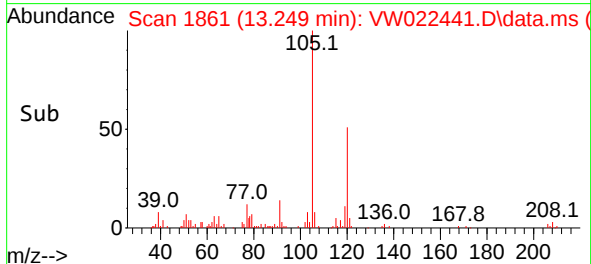
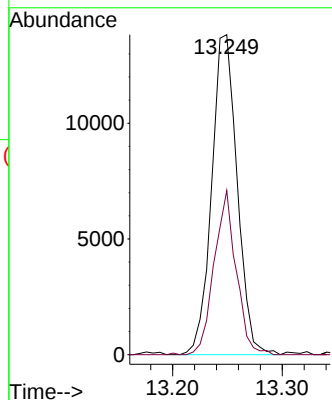
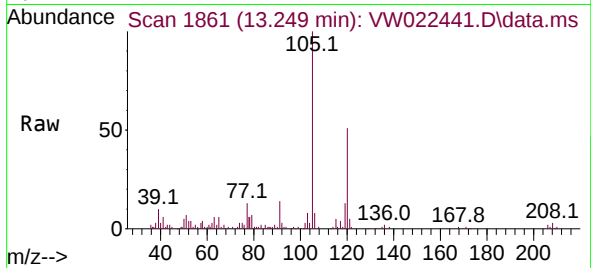




#63
1,2,4-Trimethylbenzene
Concen: 1.097 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022441.D
Acq: 07 Apr 2022 18:56

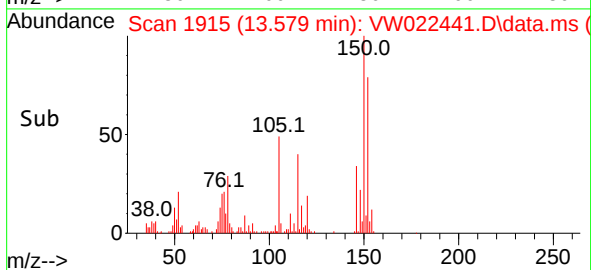
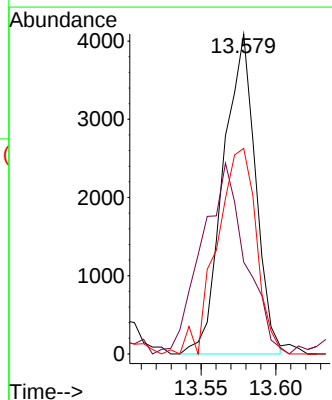
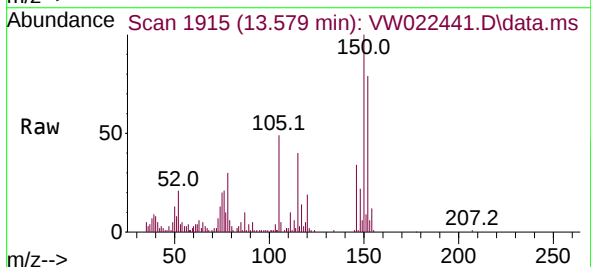
Instrument :
MSVOA_W
ClientSampleId :

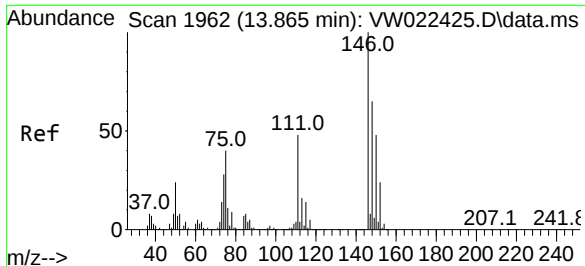
Tgt Ion:105 Resp: 22377
Ion Ratio Lower Upper
105 100
120 44.2 34.2 51.2



#65
1,4-Dichlorobenzene
Concen: 0.621 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022441.D
Acq: 07 Apr 2022 18:56

Tgt Ion:146 Resp: 6129
Ion Ratio Lower Upper
146 100
111 28.7 28.5 52.9
148 64.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.747 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022441.D

Acq: 07 Apr 2022 18:56

Instrument :

MSVOA_W

ClientSampleId :

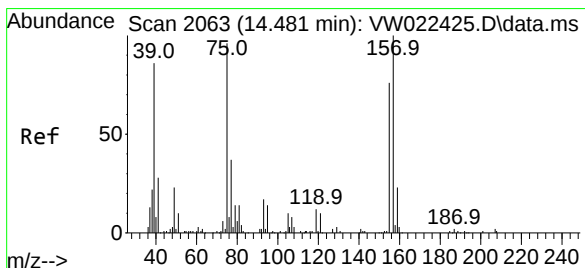
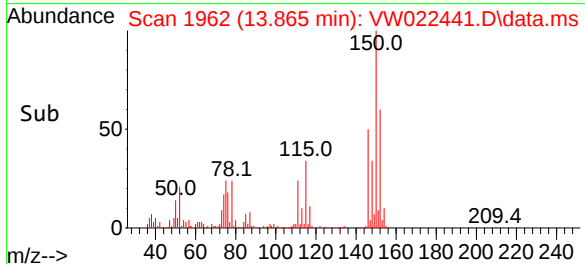
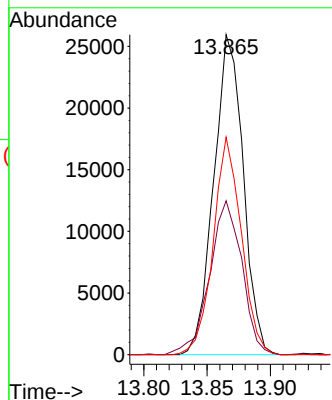
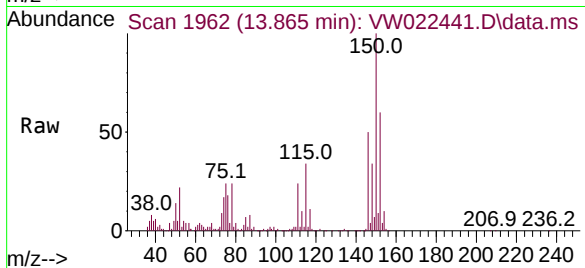
Tgt Ion:146 Resp: 42026

Ion Ratio Lower Upper

146 100

111 48.1 39.0 58.4

148 67.9 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 171.955 ug/L

RT: 14.463 min Scan# 2060

Delta R.T. -0.018 min

Lab File: VW022441.D

Acq: 07 Apr 2022 18:56

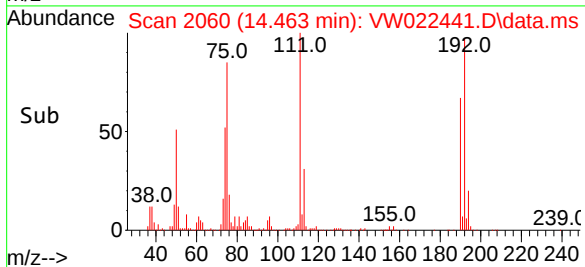
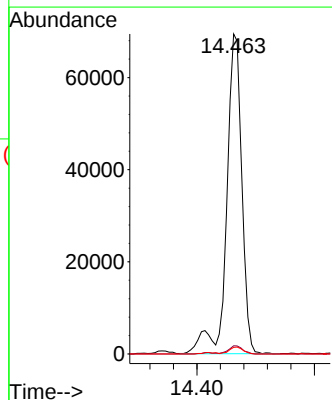
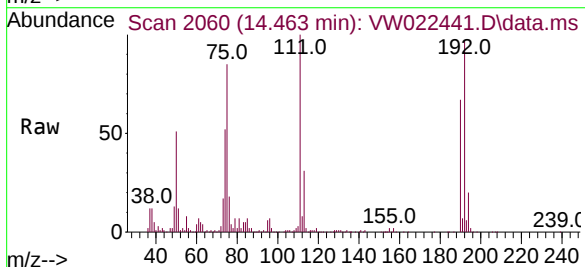
Tgt Ion: 75 Resp: 124575

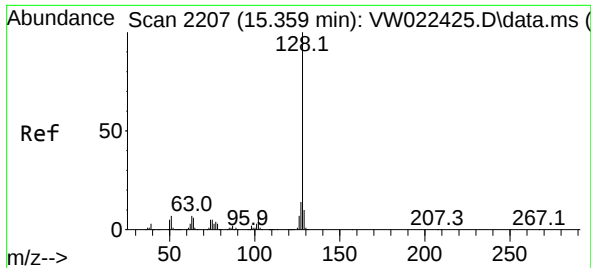
Ion Ratio Lower Upper

75 100

155 2.5 55.6 83.4#

157 2.1 69.8 104.6#





#71

Naphthalene

Concen: 0.692 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

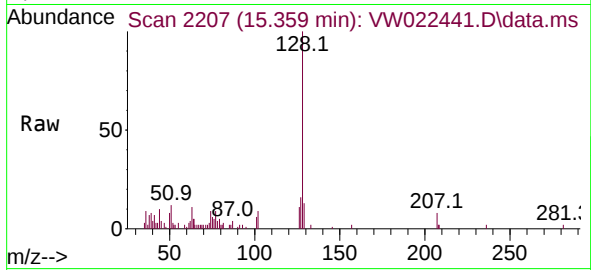
Lab File: VW022441.D

Acq: 07 Apr 2022 18:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 7912

Ion Ratio Lower Upper

128 100

127 15.5 10.6 15.8

129 11.2 8.5 12.7

