

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023045.D
 Acq On : 16 May 2022 11:56
 Operator : SY/VA
 Sample : N2767-09RE
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGPM4RE

Quant Time: May 17 01:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 01:24:30 2022
 Response via : Initial Calibration

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

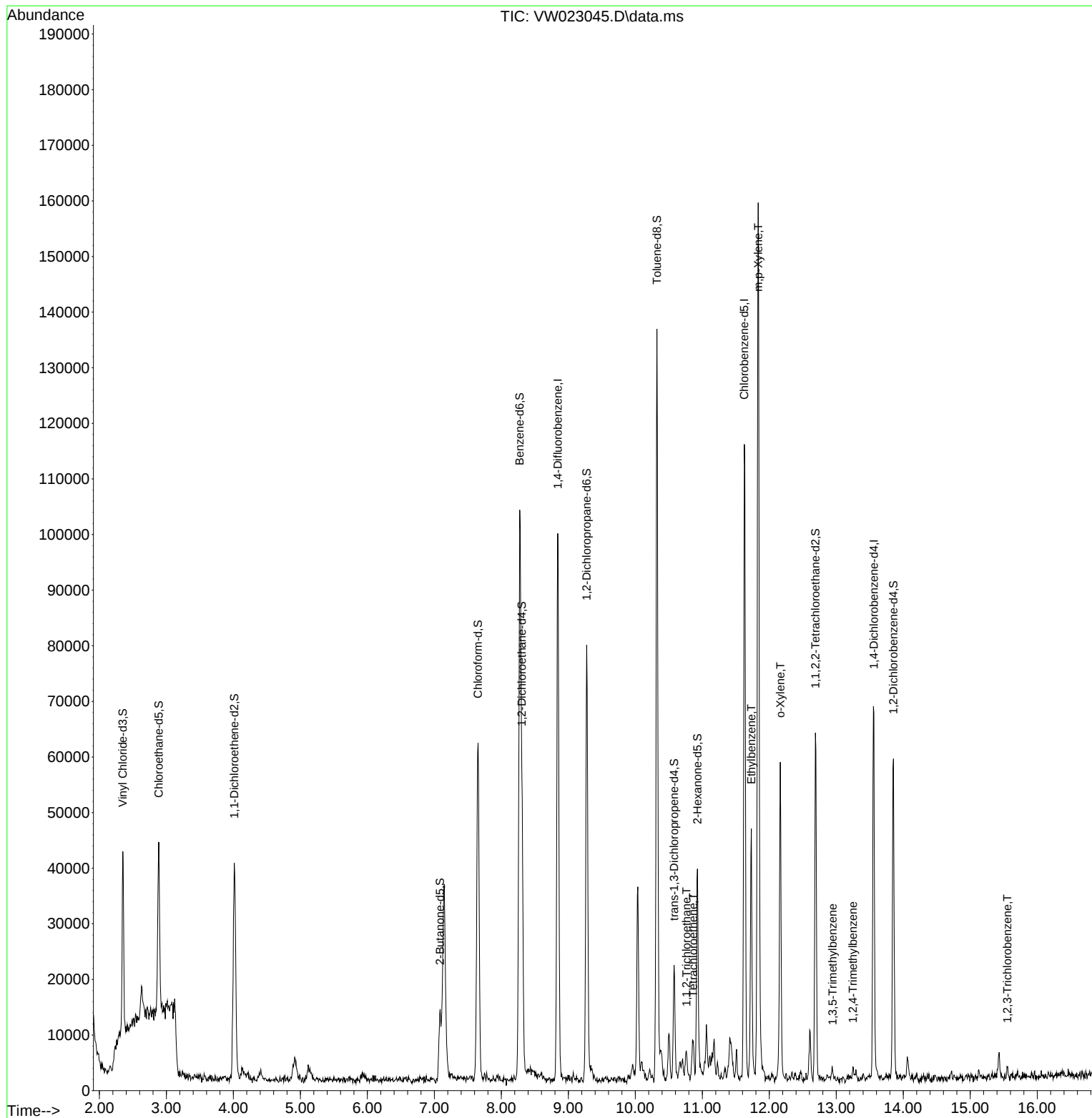
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	82773	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	63709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	16998	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	31484	18.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
7) Chloroethane-d5	2.885	69	31926	28.897	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.600%
11) 1,1-Dichloroethene-d2	4.013	63	34456	15.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.800%
21) 2-Butanone-d5	7.086	46	18976	58.770	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.540%
24) Chloroform-d	7.653	84	60655	25.012	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	8.305	65	34186	25.703	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	8.275	84	103753	28.254	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.000%
36) 1,2-Dichloropropane-d6	9.274	67	33124	32.112	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.440%#
41) Toluene-d8	10.323	98	83303	23.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	10.579	79	11106	23.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.520%
47) 2-Hexanone-d5	10.927	63	12460	63.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29485	30.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	13608	22.902	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.600%
Target Compounds						Qvalue
45) 1,1,2-Trichloroethane	10.762	97	1935	2.549	ug/L #	19
46) Tetrachloroethene	10.866	164	1448	1.867	ug/L #	61
52) Ethylbenzene	11.731	91	28921	6.181	ug/L	91
53) m,p-Xylene	11.835	106	46442	25.188	ug/L	93
54) o-Xylene	12.164	106	14277	8.069	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	647	0.499	ug/L #	82
63) 1,2,4-Trimethylbenzene	13.249	105	1102	0.567	ug/L #	67
72) 1,2,3-Trichlorobenzene	15.554	180	382	0.776	ug/L #	35

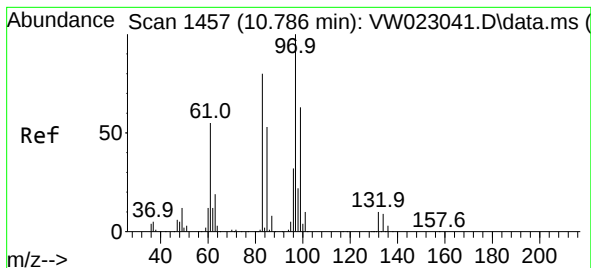
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue May 17 01:24:30 2022
Response via : Initial Calibration





#45

1,1,2-Trichloroethane

Concen: 2.549 ug/L

RT: 10.762 min Scan# 14

Delta R.T. -0.024 min

Lab File: VW023045.D

Acq: 16 May 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

BGPM4RE

Tgt Ion: 97 Resp: 1935

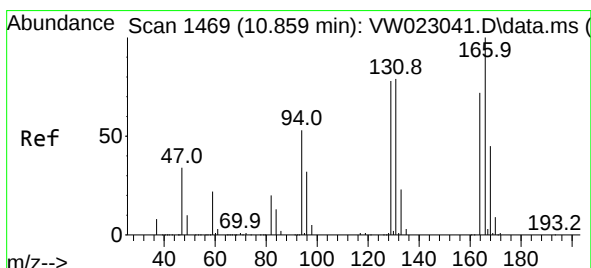
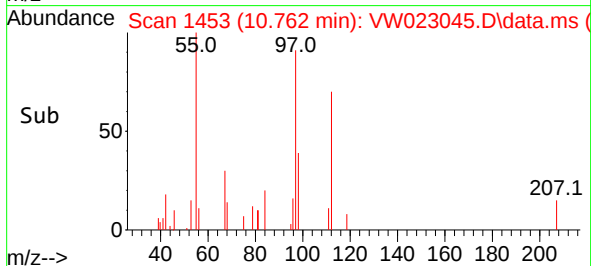
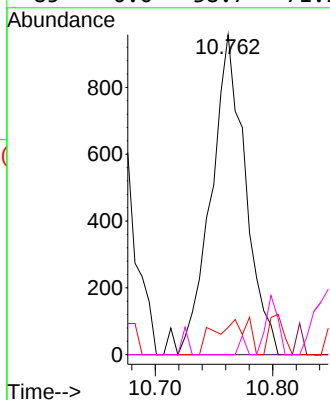
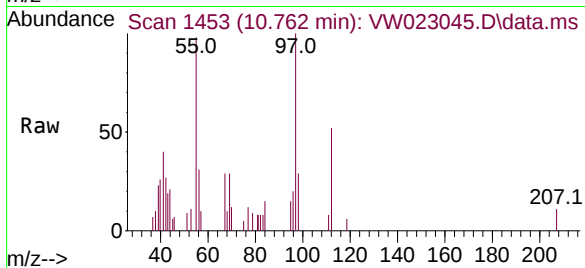
Ion Ratio Lower Upper

97 100

99 0.0 44.7 82.9#

83 8.5 58.4 108.4#

85 0.0 38.7 71.9#



#46

Tetrachloroethene

Concen: 1.867 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW023045.D

Acq: 16 May 2022 11:56

Tgt Ion:164 Resp: 1448

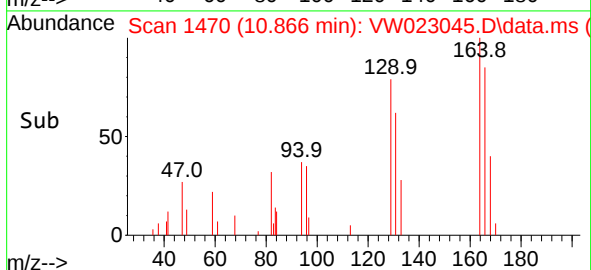
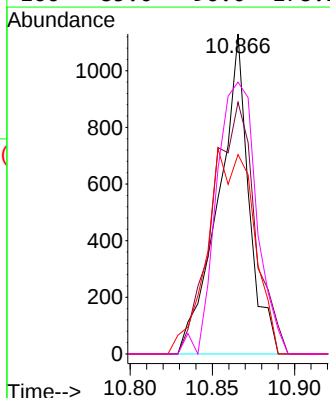
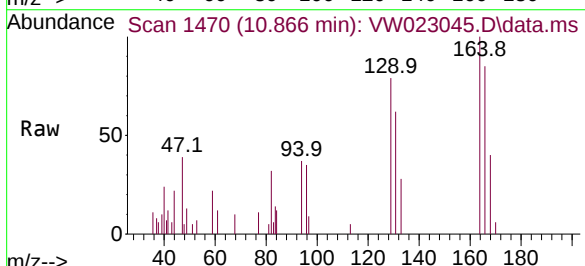
Ion Ratio Lower Upper

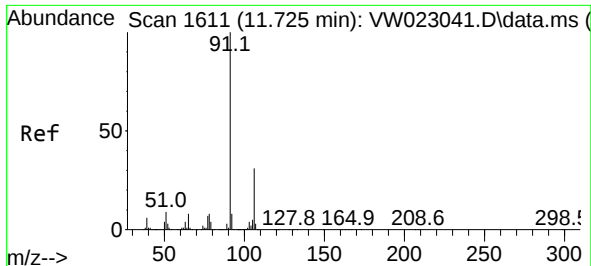
164 100

129 78.7 76.9 142.7

131 62.3 75.1 139.5#

166 85.0 96.0 178.2#





#52

Ethylbenzene

Concen: 6.181 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW023045.D

Acq: 16 May 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

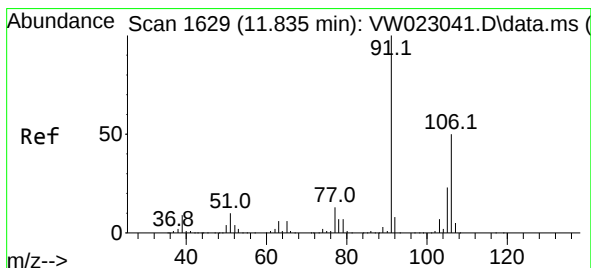
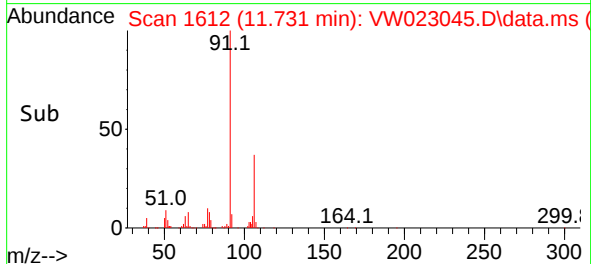
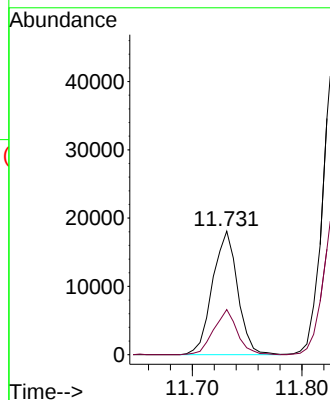
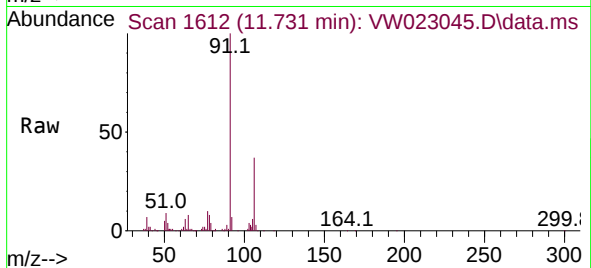
BGPM4RE

Tgt Ion: 91 Resp: 28921

Ion Ratio Lower Upper

91 100

106 36.5 22.3 41.3



#53

m,p-Xylene

Concen: 25.188 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW023045.D

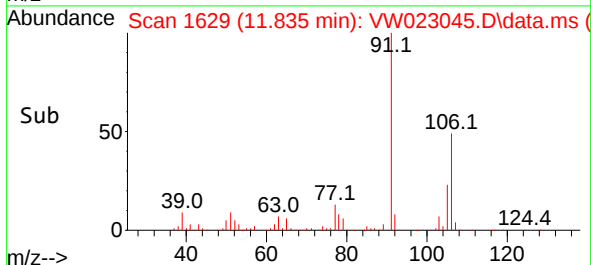
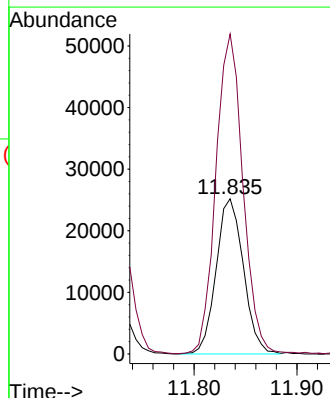
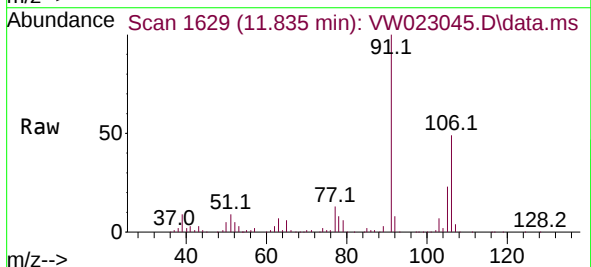
Acq: 16 May 2022 11:56

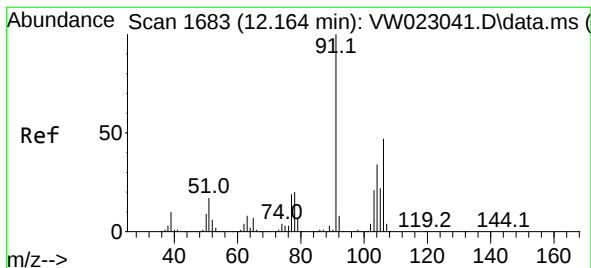
Tgt Ion: 106 Resp: 46442

Ion Ratio Lower Upper

106 100

91 206.1 136.8 254.0





#54

o-Xylene

Concen: 8.069 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023045.D

Acq: 16 May 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

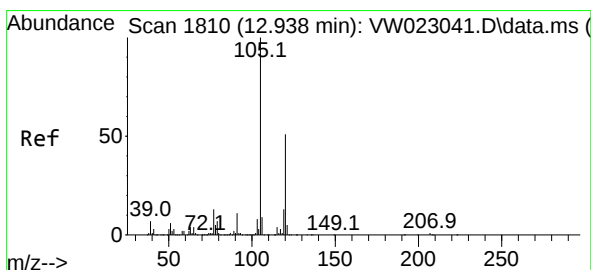
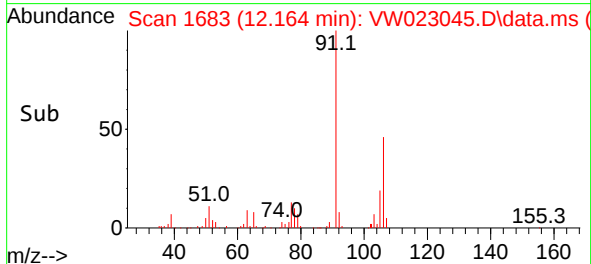
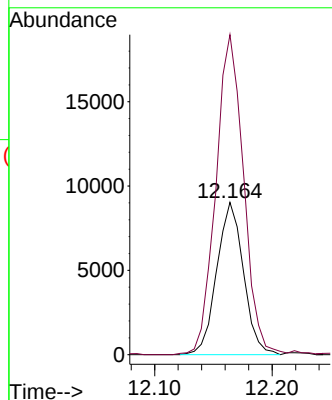
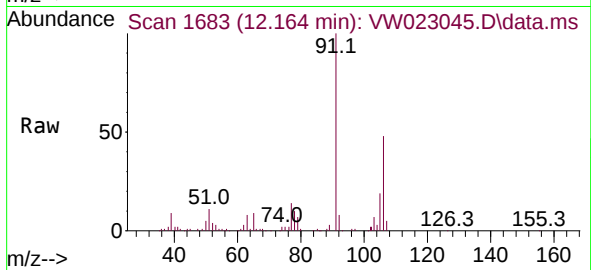
BGPM4RE

Tgt Ion:106 Resp: 14277

Ion Ratio Lower Upper

106 100

91 210.1 147.2 273.4



#62

1,3,5-Trimethylbenzene

Concen: 0.499 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023045.D

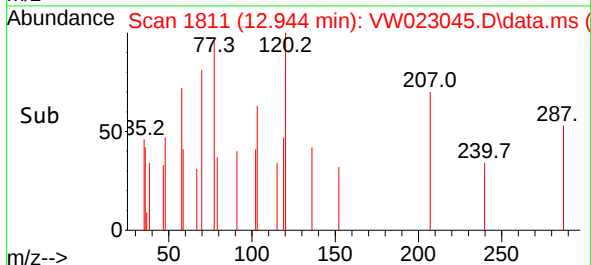
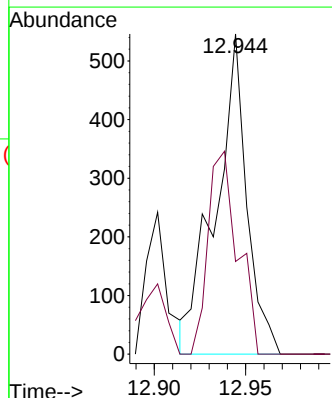
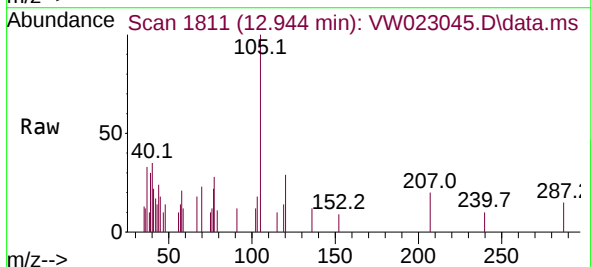
Acq: 16 May 2022 11:56

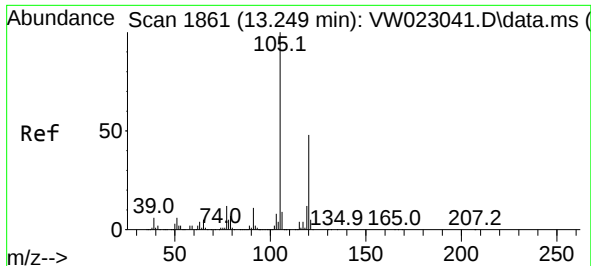
Tgt Ion:105 Resp: 647

Ion Ratio Lower Upper

105 100

120 60.7 38.9 58.3#

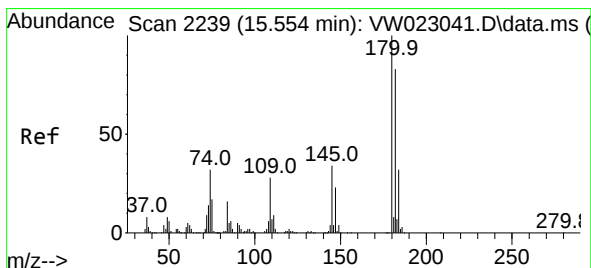
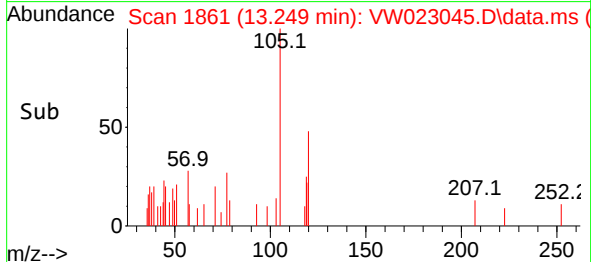
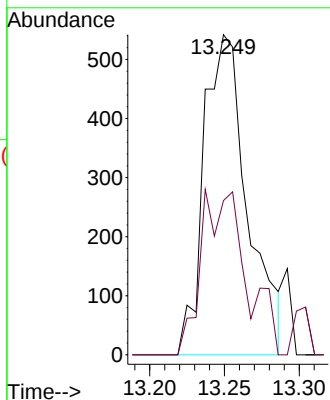
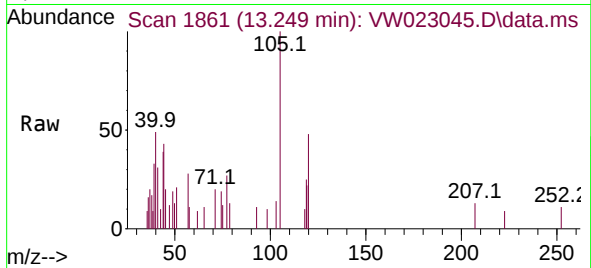




#63
 1,2,4-Trimethylbenzene
 Concen: 0.567 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023045.D
 Acq: 16 May 2022 11:56

Instrument :
 MSVOA_W
 ClientSampleId :
 BGPM4RE

Tgt Ion:105 Resp: 1102
 Ion Ratio Lower Upper
 105 100
 120 25.0 37.4 56.2#



#72
 1,2,3-Trichlorobenzene
 Concen: 0.776 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: VW023045.D
 Acq: 16 May 2022 11:56

Tgt Ion:180 Resp: 382
 Ion Ratio Lower Upper
 180 100
 182 9.9 73.5 110.3#
 145 28.8 27.9 41.9

