

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026046.D
 Acq On : 25 May 2023 17:26
 Operator : SY/MD
 Sample : 02950-22
 Misc : 3.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW998

Quant Time: May 26 00:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 00:33:05 2023
 Response via : Initial Calibration

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

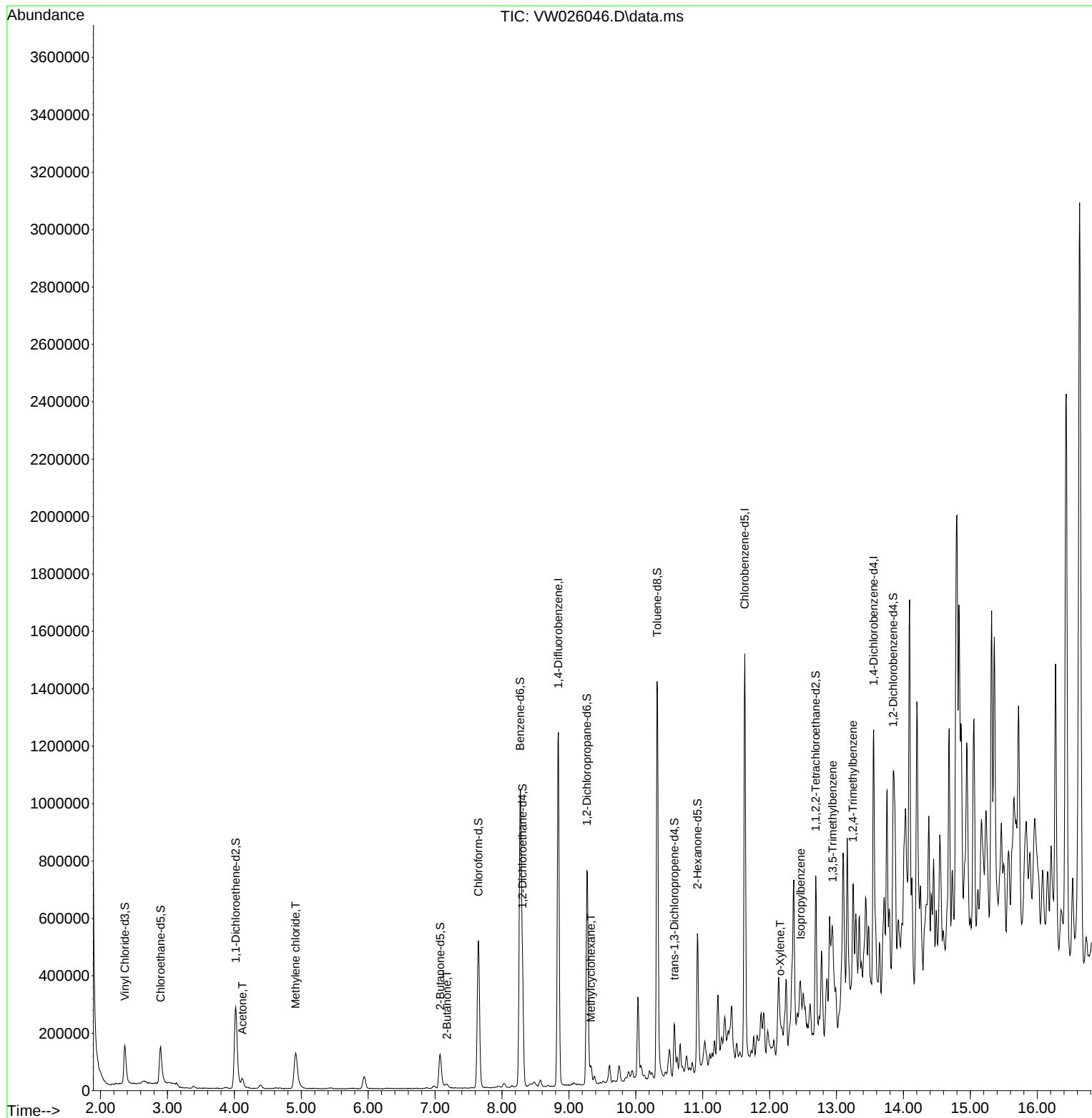
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	975701	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	726929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	224437	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	197169	14.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.040%
7) Chloroethane-d5	2.899	69	197481	19.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.080%
11) 1,1-Dichloroethene-d2	4.021	65	110199	15.917	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.680%
21) 2-Butanone-d5	7.075	46	213284	46.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.320%
24) Chloroform-d	7.648	84	515345	18.317	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.280%
26) 1,2-Dichloroethane-d4	8.307	65	314898	19.793	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.160%
32) Benzene-d6	8.270	84	1044300	21.986	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.960%
36) 1,2-Dichloropropane-d6	9.270	67	350380	23.055	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.240%
41) Toluene-d8	10.319	98	854590	20.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.720%
43) trans-1,3-Dichloroprop...	10.575	79	97739	15.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.480%
47) 2-Hexanone-d5	10.922	63	151357	58.406	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	236458	20.414	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	163259	19.954	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.800%
Target Compounds						Qvalue
13) Acetone	4.118	43	56981	14.059	ug/L	100
16) Methylene chloride	4.917	84	104334	5.185	ug/L	90
22) 2-Butanone	7.179	43	24292	4.341	ug/L	89
35) Methylcyclohexane	9.331	83	13853	0.604	ug/L	100
54) o-Xylene	12.160	106	10426	0.520	ug/L	88
60) Isopropylbenzene	12.465	105	57010	1.671	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	60183	2.227	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	213269	8.553	ug/L	98

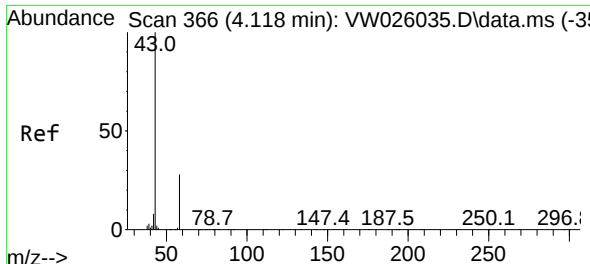
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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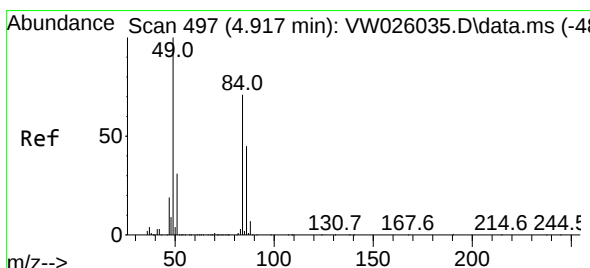
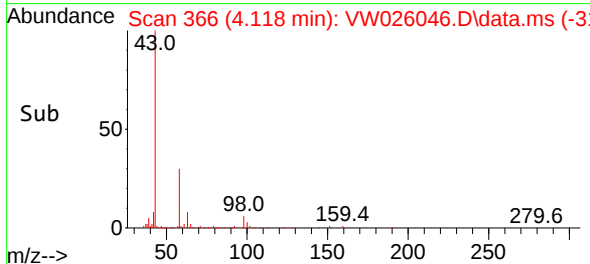
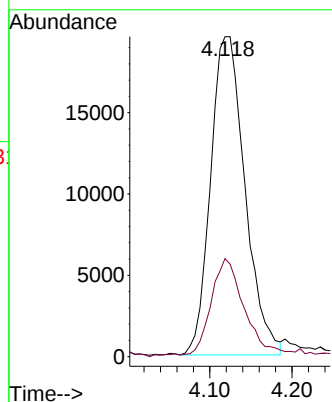
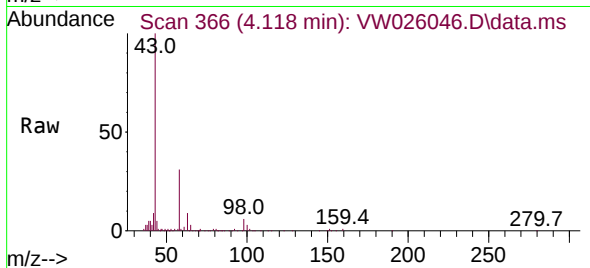




#13
Acetone
Concen: 14.059 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026046.D
Acq: 25 May 2023 17:26

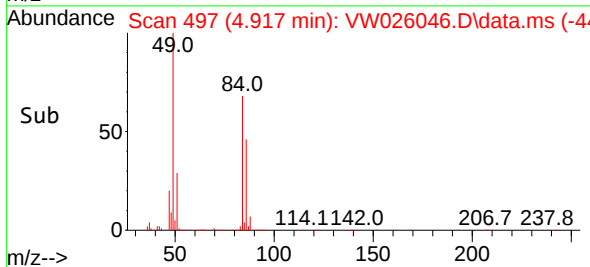
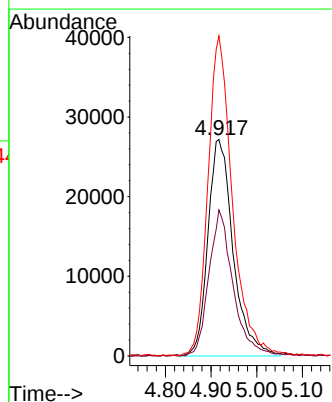
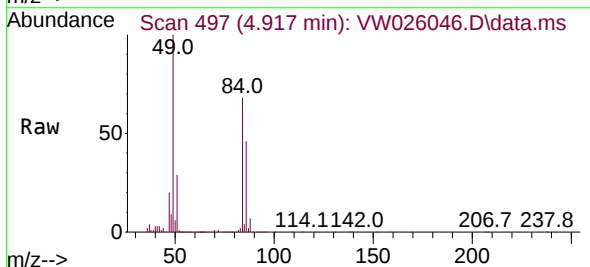
Instrument :
MSVOA_W
ClientSampleId :
EW998

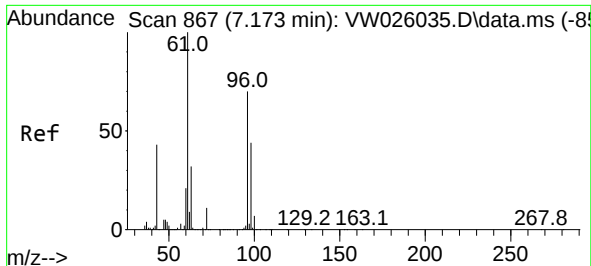
Tgt Ion: 43 Resp: 56981
Ion Ratio Lower Upper
43 100
58 29.3 0.0 58.2



#16
Methylene chloride
Concen: 5.185 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026046.D
Acq: 25 May 2023 17:26

Tgt Ion: 84 Resp: 104334
Ion Ratio Lower Upper
84 100
86 67.4 41.7 77.5
49 147.8 95.3 177.1

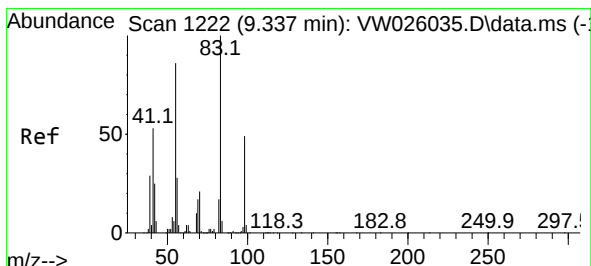
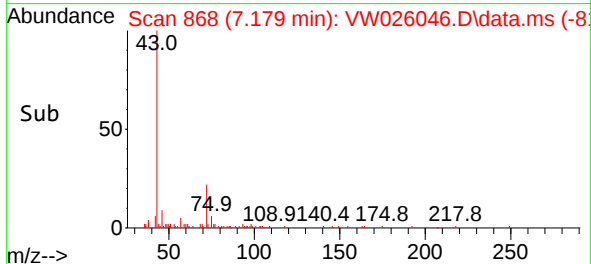
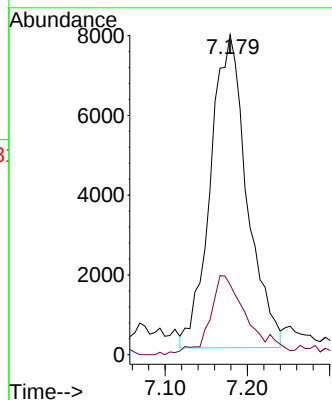
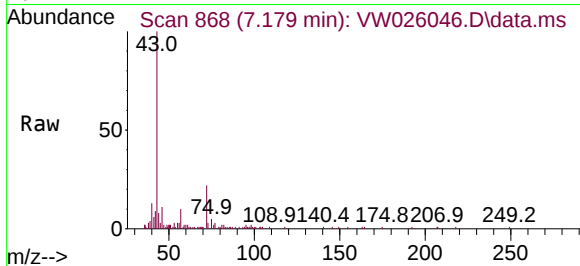




#22
2-Butanone
Concen: 4.341 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026046.D
Acq: 25 May 2023 17:26

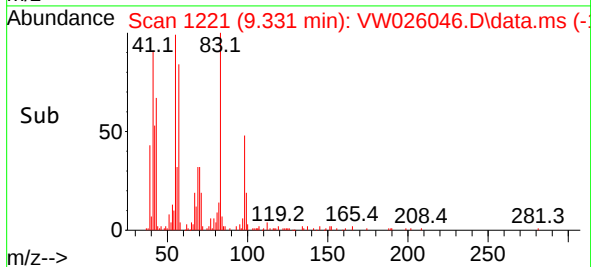
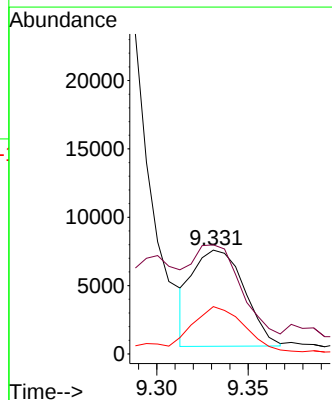
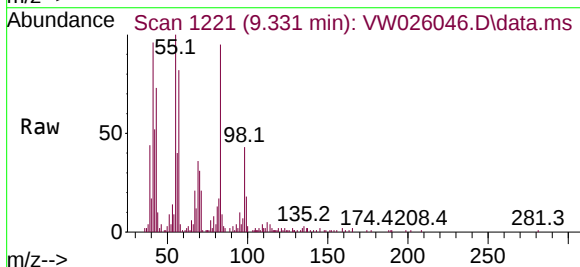
Instrument :
MSVOA_W
ClientSampleId :
EW998

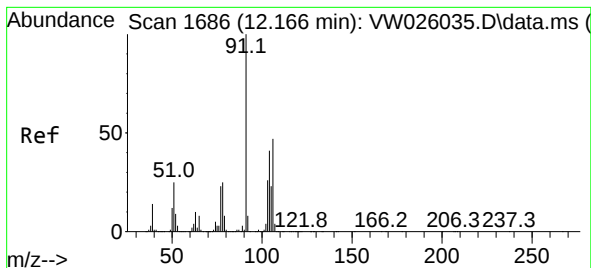
Tgt Ion: 43 Resp: 24292
Ion Ratio Lower Upper
43 100
72 18.4 11.8 35.4



#35
Methylcyclohexane
Concen: 0.604 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026046.D
Acq: 25 May 2023 17:26

Tgt Ion: 83 Resp: 13853
Ion Ratio Lower Upper
83 100
55 86.2 69.0 103.4
98 46.9 37.1 55.7





#54

o-Xylene

Concen: 0.520 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026046.D

Acq: 25 May 2023 17:26

Instrument :

MSVOA_W

ClientSampleId :

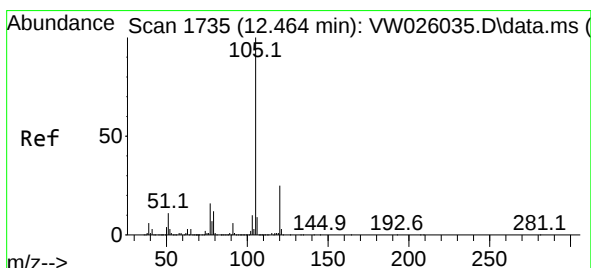
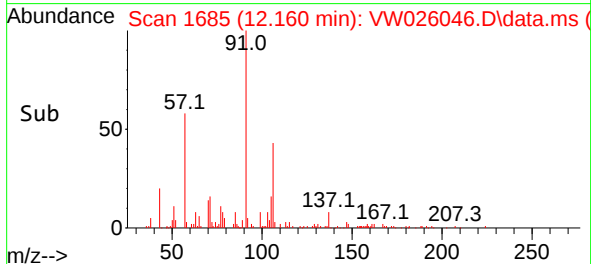
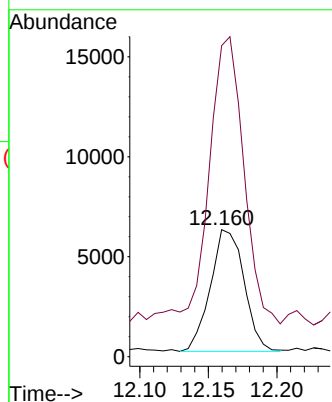
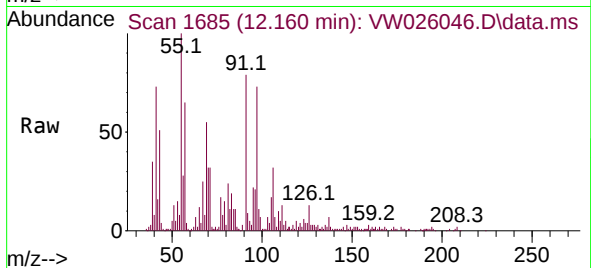
EW998

Tgt Ion:106 Resp: 10426

Ion Ratio Lower Upper

106 100

91 245.0 157.8 293.1



#60

Isopropylbenzene

Concen: 1.671 ug/L

RT: 12.465 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW026046.D

Acq: 25 May 2023 17:26

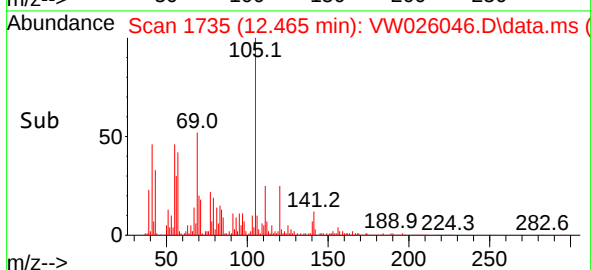
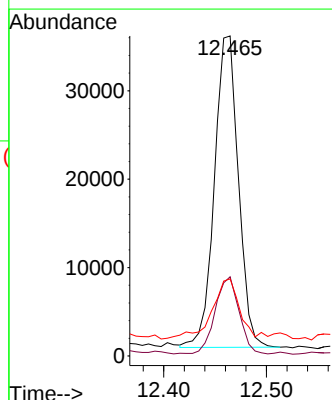
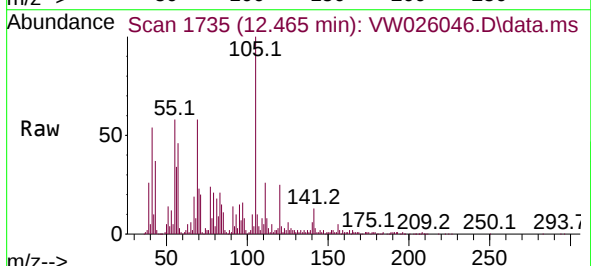
Tgt Ion:105 Resp: 57010

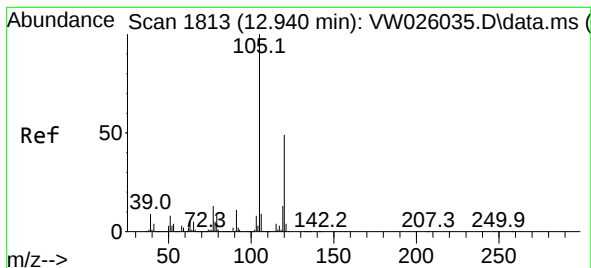
Ion Ratio Lower Upper

105 100

120 24.7 21.1 31.7

77 19.6 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 2.227 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026046.D

Acq: 25 May 2023 17:26

Instrument :

MSVOA_W

ClientSampleId :

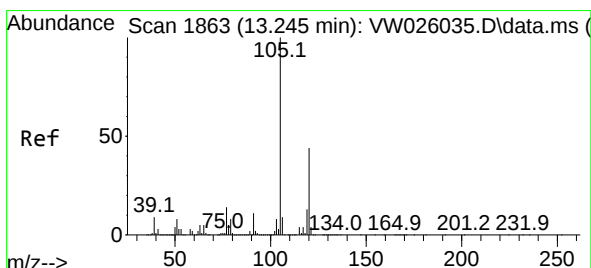
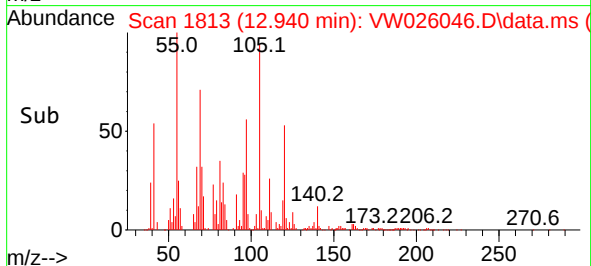
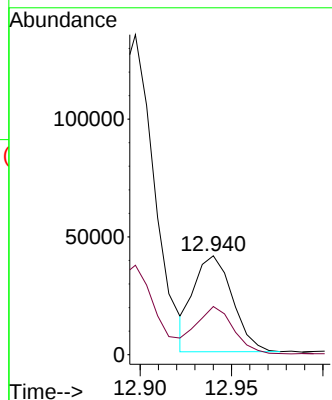
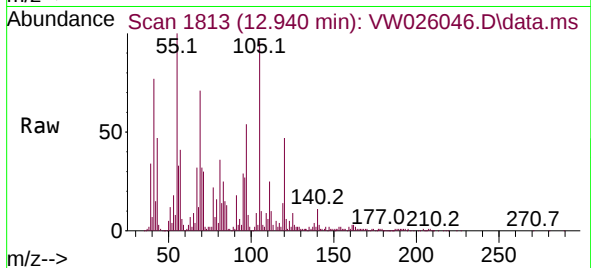
EW998

Tgt Ion:105 Resp: 60183

Ion Ratio Lower Upper

105 100

120 47.2 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 8.553 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026046.D

Acq: 25 May 2023 17:26

Tgt Ion:105 Resp: 213269

Ion Ratio Lower Upper

105 100

120 44.5 34.7 52.1

