

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070723\
 Data File : VW026557.D
 Acq On : 07 Jul 2023 10:11
 Operator : SY/MD
 Sample : 03534-01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4649

Quant Time: Jul 08 05:37:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 08 05:36:55 2023
 Response via : Initial Calibration

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

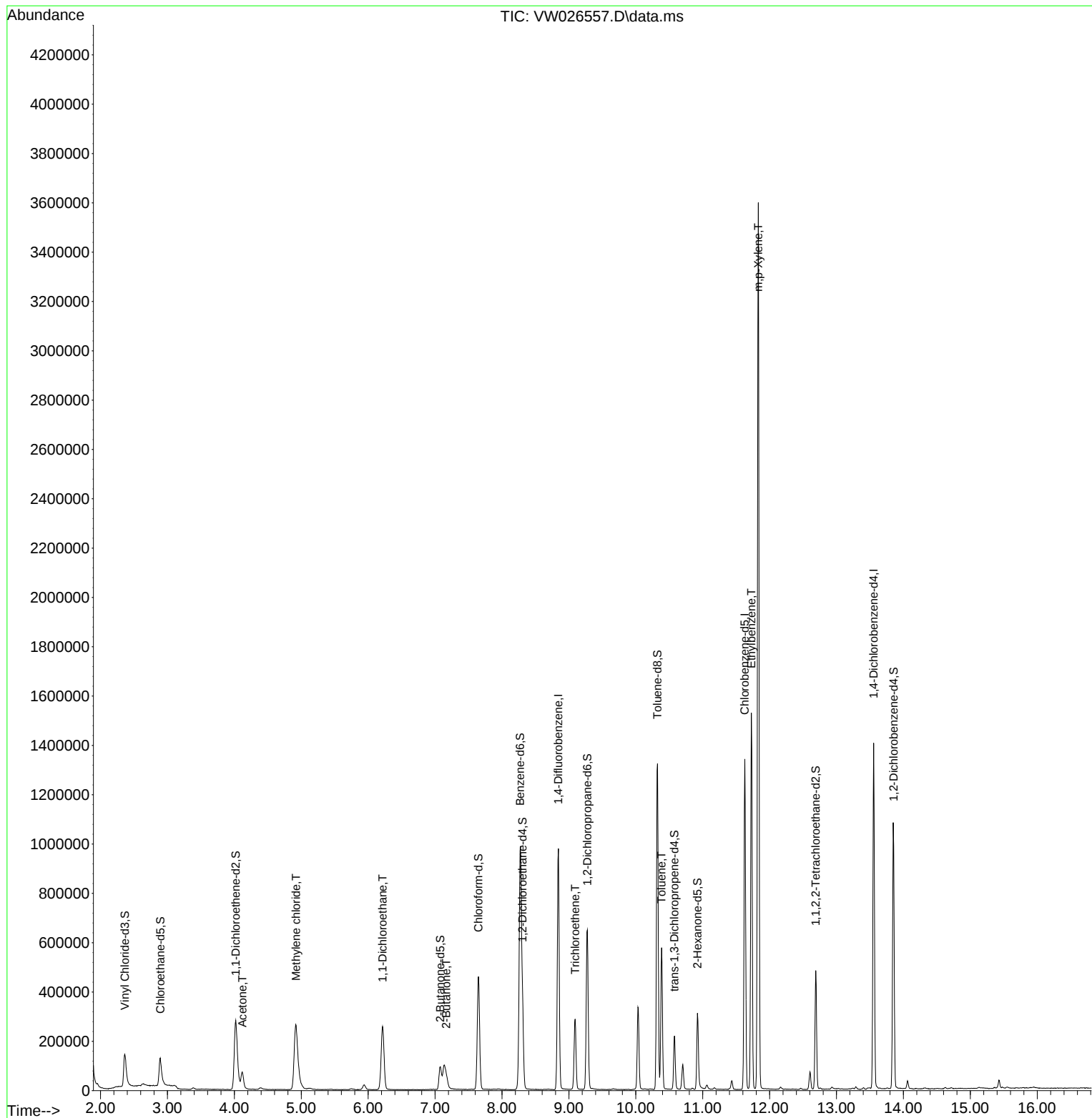
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	778687	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	701343	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	338138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	239791	20.479	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.920%		
7) Chloroethane-d5	2.893	69	173630	17.924	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.680%		
11) 1,1-Dichloroethene-d2	4.021	65	115003	21.058	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.240%		
21) 2-Butanone-d5	7.075	46	173752	38.790	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.580%		
24) Chloroform-d	7.648	84	466202	20.322	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.280%		
26) 1,2-Dichloroethane-d4	8.307	65	269146	20.171	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.680%		
32) Benzene-d6	8.270	84	993546	22.219	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.880%		
36) 1,2-Dichloropropane-d6	9.276	67	313213	21.969	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.880%		
41) Toluene-d8	10.325	98	872884	21.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.960%		
43) trans-1,3-Dichloroprop...	10.575	79	119554	20.676	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.720%		
47) 2-Hexanone-d5	10.922	63	107763	37.964	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.920%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	245310	19.664	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.640%		
66) 1,2-Dichlorobenzene-d4	13.854	152	267092	19.889	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.560%		
Target Compounds					Qvalue	
13) Acetone	4.118	43	113558	40.876	ug/L	100
16) Methylene chloride	4.923	84	246272	17.747	ug/L	96
19) 1,1-Dichloroethane	6.216	63	385261	16.179	ug/L	99
22) 2-Butanone	7.167	43	74225	14.355	ug/L	100
34) Trichloroethene	9.093	95	104340	9.007	ug/L	99
42) Toluene	10.386	91	405070	8.762	ug/L	100
52) Ethylbenzene	11.727	91	1033541	18.932	ug/L	99
53) m,p-Xylene	11.830	106	938995	47.040	ug/L	95

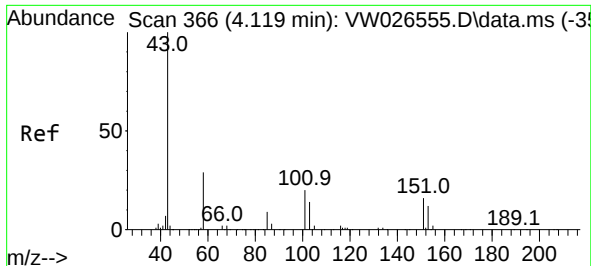
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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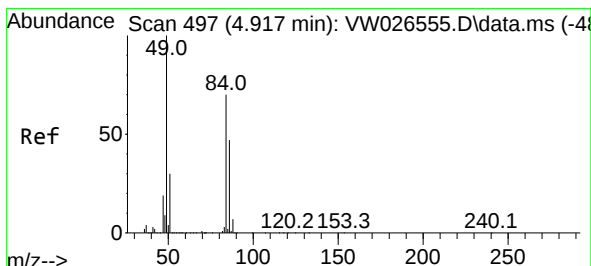
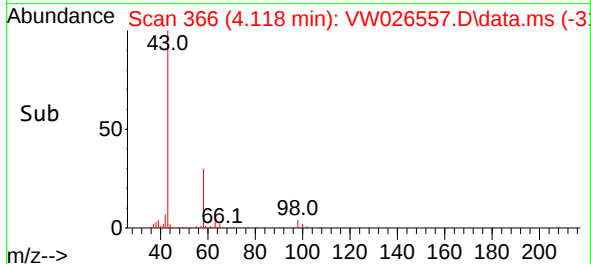
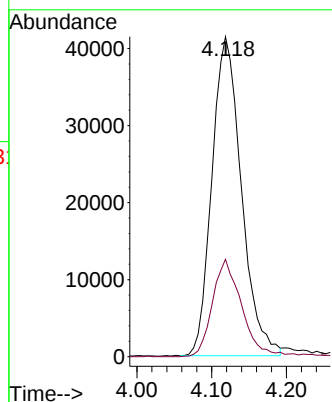
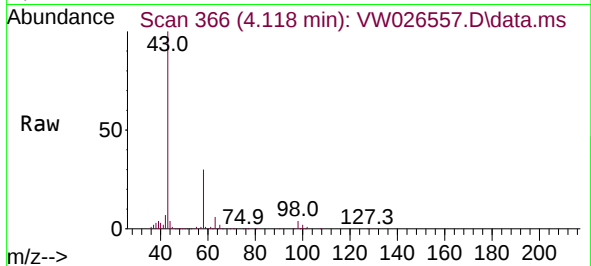




#13
Acetone
Concen: 40.876 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026557.D
Acq: 07 Jul 2023 10:11

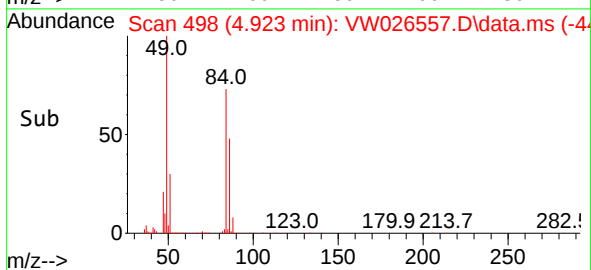
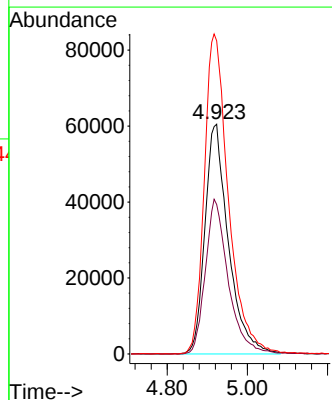
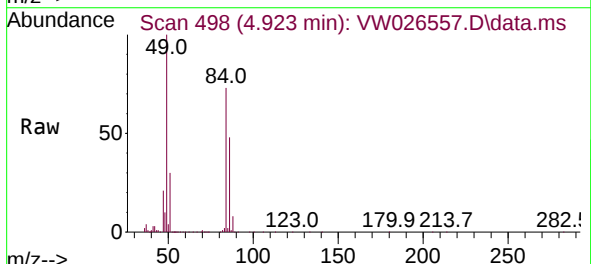
Instrument :
MSVOA_W
ClientSampleId :
A4649

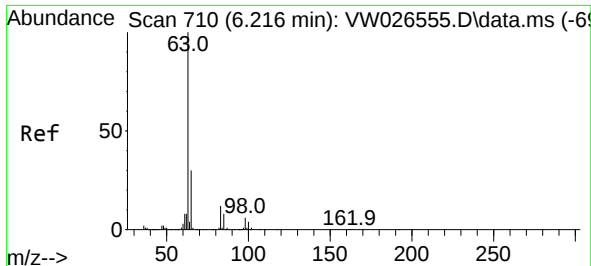
Tgt Ion: 43 Resp: 113558
Ion Ratio Lower Upper
43 100
58 29.7 0.0 59.6



#16
Methylene chloride
Concen: 17.747 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026557.D
Acq: 07 Jul 2023 10:11

Tgt Ion: 84 Resp: 246272
Ion Ratio Lower Upper
84 100
86 65.0 43.3 80.5
49 136.3 99.3 184.3





#19

1,1-Dichloroethane

Concen: 16.179 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026557.D

Acq: 07 Jul 2023 10:11

Instrument :

MSVOA_W

ClientSampleId :

A4649

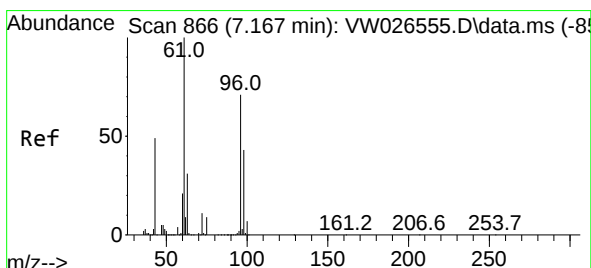
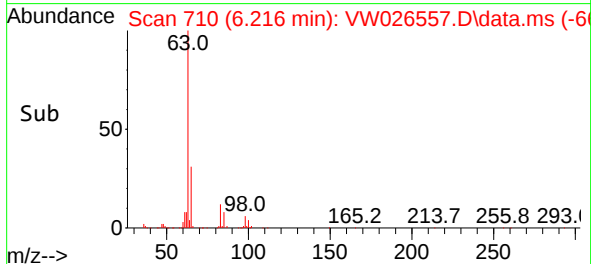
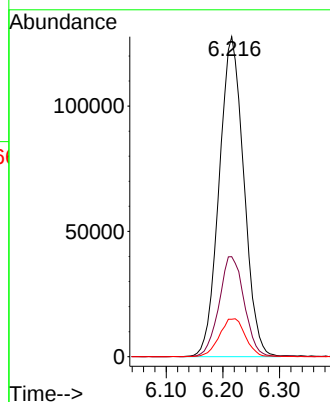
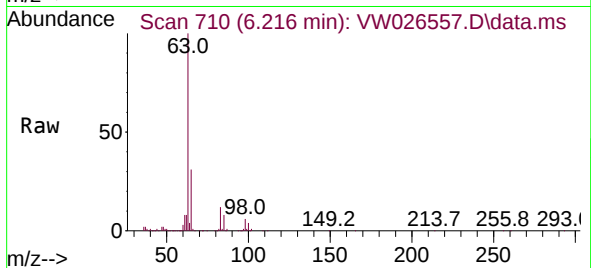
Tgt Ion: 63 Resp: 385261

Ion Ratio Lower Upper

63 100

65 31.3 21.8 40.4

83 11.7 8.6 16.0



#22

2-Butanone

Concen: 14.355 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026557.D

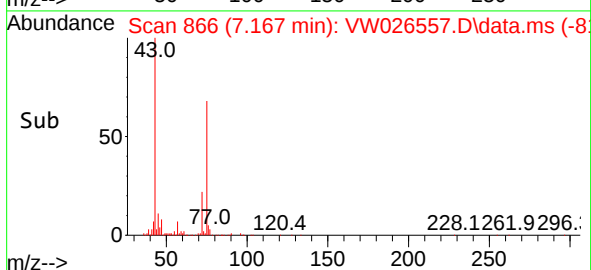
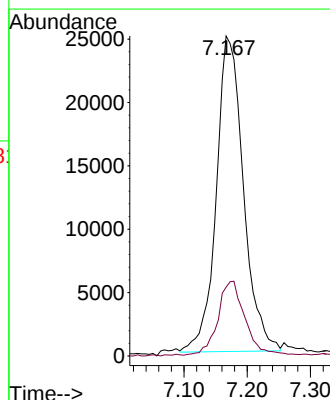
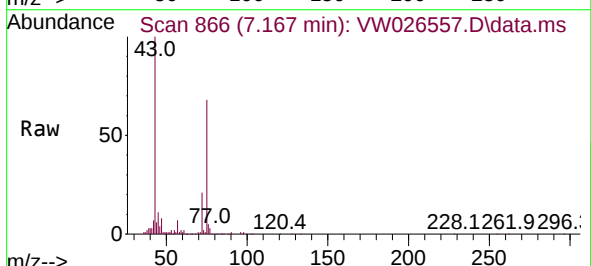
Acq: 07 Jul 2023 10:11

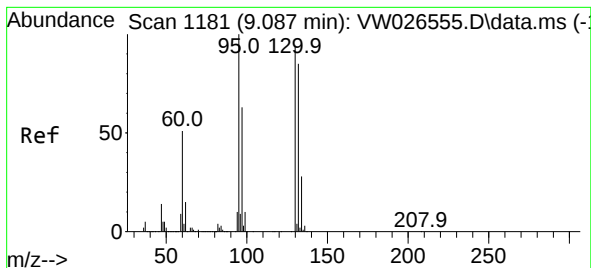
Tgt Ion: 43 Resp: 74225

Ion Ratio Lower Upper

43 100

72 24.1 12.0 36.1





#34

Trichloroethene

Concen: 9.007 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026557.D

Acq: 07 Jul 2023 10:11

Instrument :

MSVOA_W

ClientSampleId :

A4649

Tgt Ion: 95 Resp: 104340

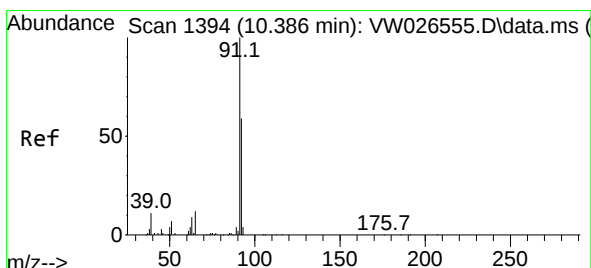
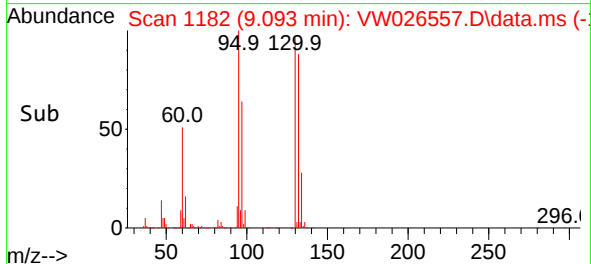
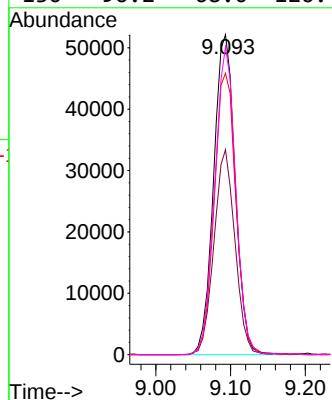
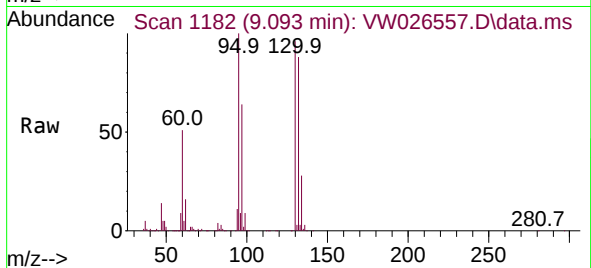
Ion Ratio Lower Upper

95 100

97 64.1 45.1 83.7

132 87.9 63.2 117.4

130 96.2 68.0 126.4



#42

Toluene

Concen: 8.762 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW026557.D

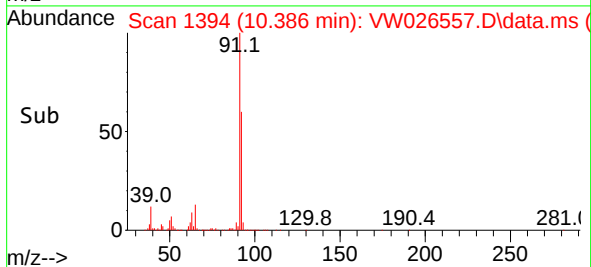
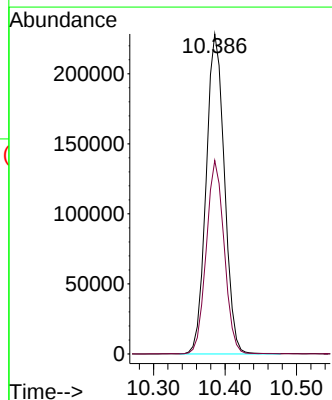
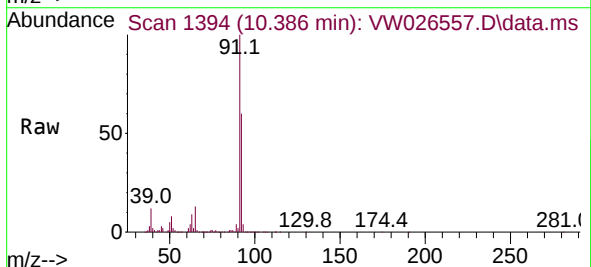
Acq: 07 Jul 2023 10:11

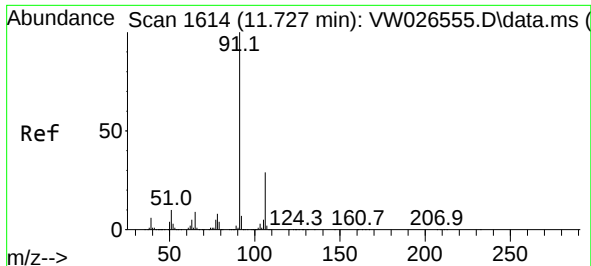
Tgt Ion: 91 Resp: 405070

Ion Ratio Lower Upper

91 100

92 60.4 42.4 78.8

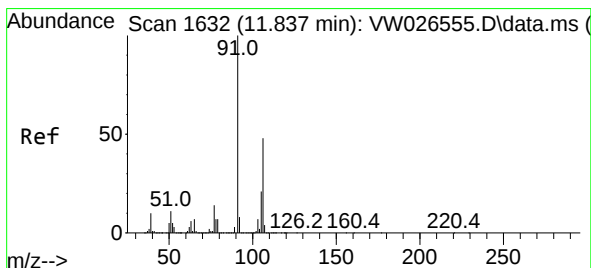
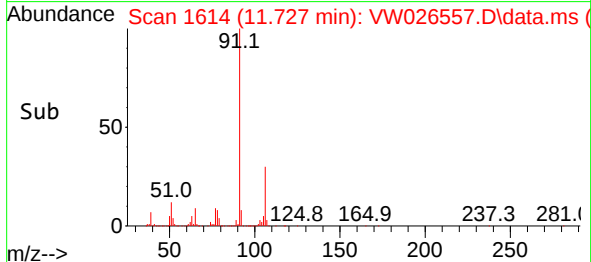
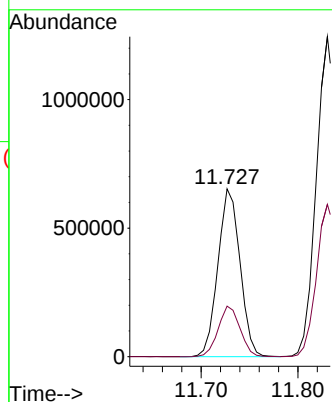
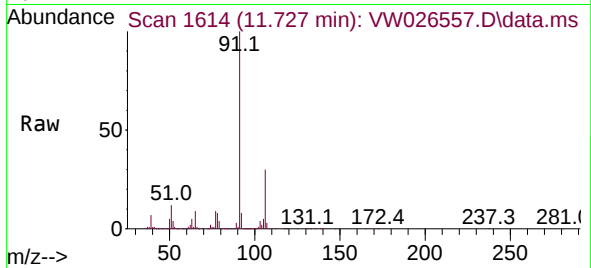




#52
Ethylbenzene
Concen: 18.932 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026557.D
Acq: 07 Jul 2023 10:11

Instrument :
MSVOA_W
ClientSampleId :
A4649

Tgt Ion: 91 Resp: 1033541
Ion Ratio Lower Upper
91 100
106 30.1 20.7 38.5



#53
m,p-Xylene
Concen: 47.040 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW026557.D
Acq: 07 Jul 2023 10:11

Tgt Ion:106 Resp: 938995
Ion Ratio Lower Upper
106 100
91 210.1 152.7 283.7

