

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026768.D
 Acq On : 18 Aug 2023 14:32
 Operator : SY/MD
 Sample : 04037-06
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYZE2

Quant Time: Aug 18 23:44:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

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

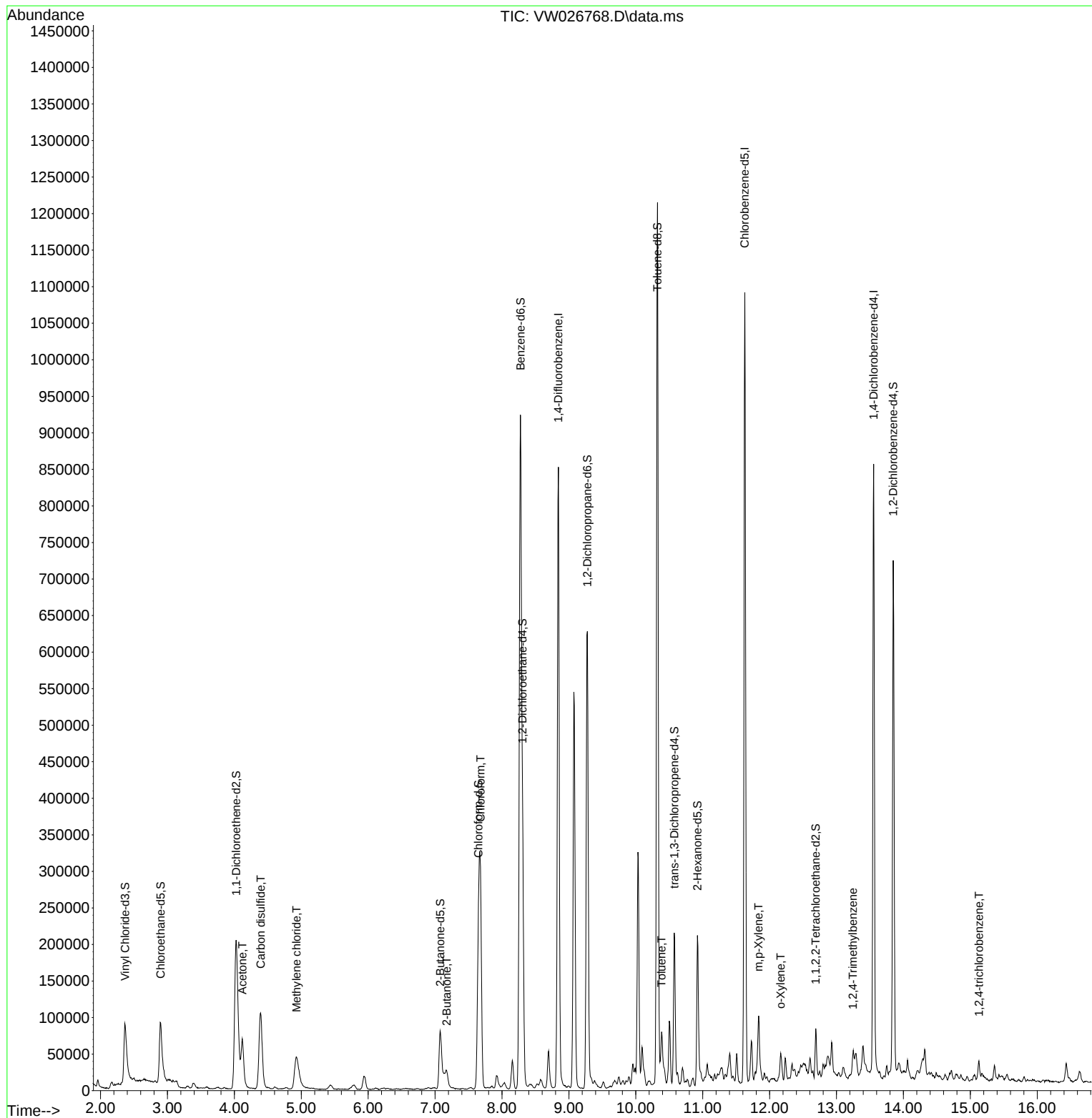
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	676463	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	574678	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	204720	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162538	14.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.480%		
7) Chloroethane-d5	2.899	69	134008	16.206	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.840%		
11) 1,1-Dichloroethene-d2	4.027	65	92318	16.879	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.520%		
21) 2-Butanone-d5	7.075	46	135910	42.523	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.040%		
24) Chloroform-d	7.648	84	209929	9.246	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	37.000%#		
26) 1,2-Dichloroethane-d4	8.307	65	266616	21.279	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.120%		
32) Benzene-d6	8.276	84	936146	23.636	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.560%		
36) 1,2-Dichloropropane-d6	9.276	67	296028	23.995	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.000%		
41) Toluene-d8	10.325	98	776080	22.827	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.320%		
43) trans-1,3-Dichloroprop...	10.575	79	110810	21.754	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.000%		
47) 2-Hexanone-d5	10.922	63	63665	49.112	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.220%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	33532	3.442	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	13.760%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	174305	23.788	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.160%		
Target Compounds					Qvalue	
13) Acetone	4.118	43	100894	31.748	ug/L	96
14) Carbon disulfide	4.393	76	262921	7.309	ug/L	100
16) Methylene chloride	4.929	84	45665	3.490	ug/L	94
22) 2-Butanone	7.173	43	34984	7.470	ug/L	96
25) Chloroform	7.679	83	258108	11.634	ug/L	99
42) Toluene	10.386	91	45014	1.063	ug/L	96
53) m,p-Xylene	11.837	106	14386	0.818	ug/L	95
54) o-Xylene	12.166	106	7883	0.480	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	14527	0.616	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	7689	1.014	ug/L #	88

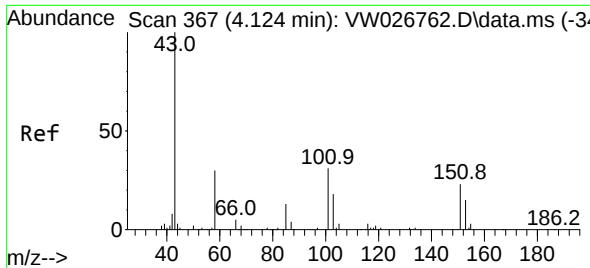
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
Response via : Initial Calibration





#13

Acetone

Concen: 31.748 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW026768.D

Acq: 18 Aug 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

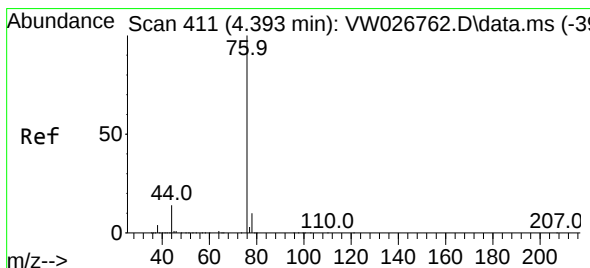
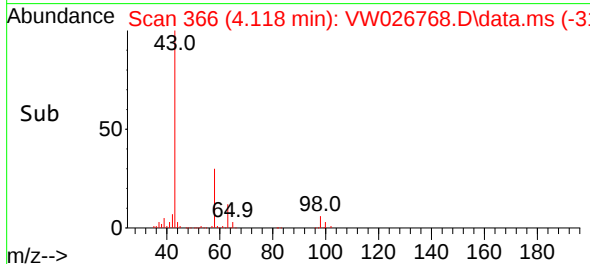
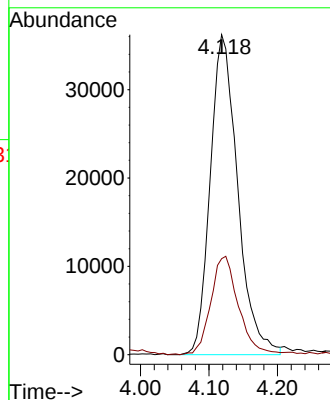
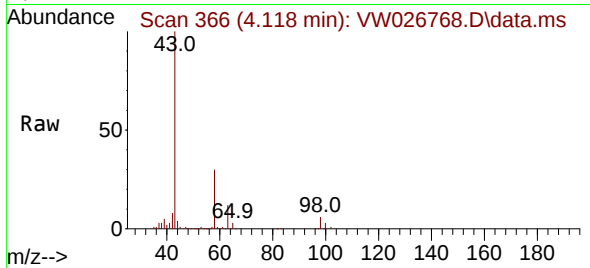
EZY2

Tgt Ion: 43 Resp: 100894

Ion Ratio Lower Upper

43 100

58 30.9 0.0 57.4



#14

Carbon disulfide

Concen: 7.309 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

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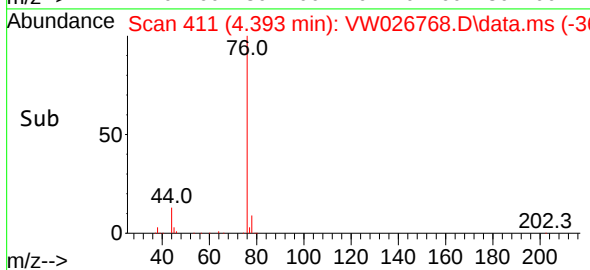
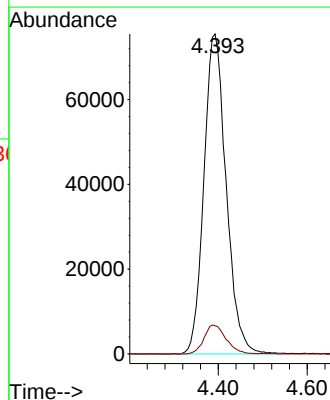
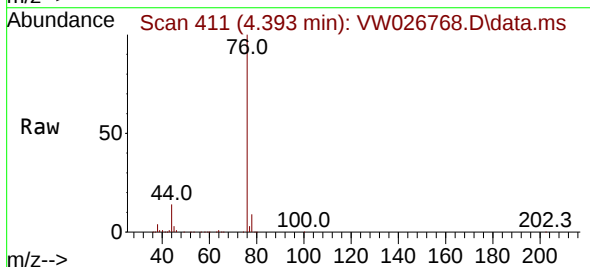
Acq: 18 Aug 2023 14:32

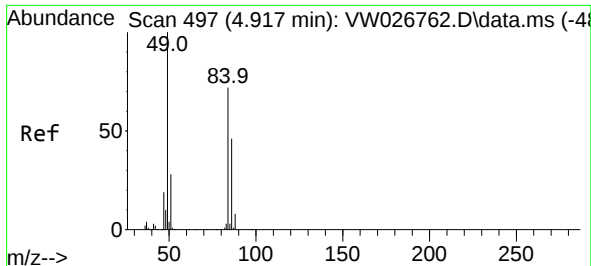
Tgt Ion: 76 Resp: 262921

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

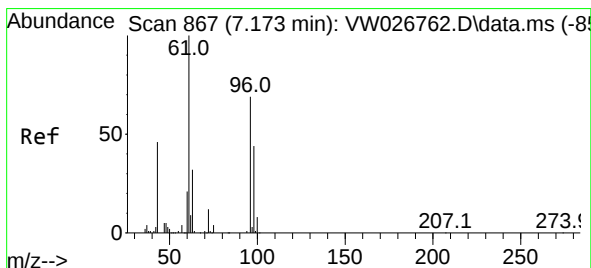
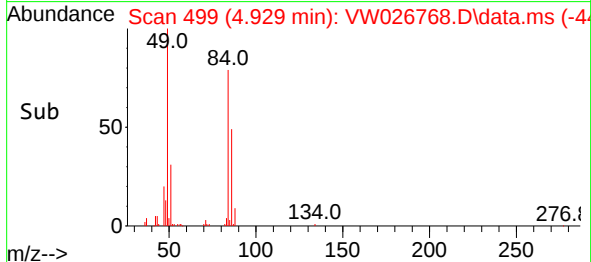
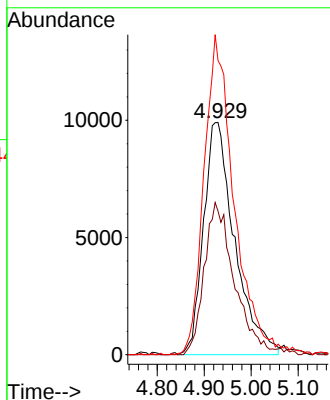
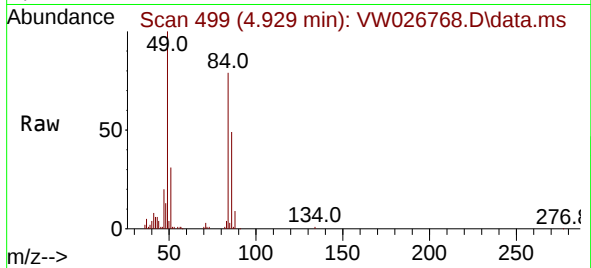




#16
Methylene chloride
Concen: 3.490 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

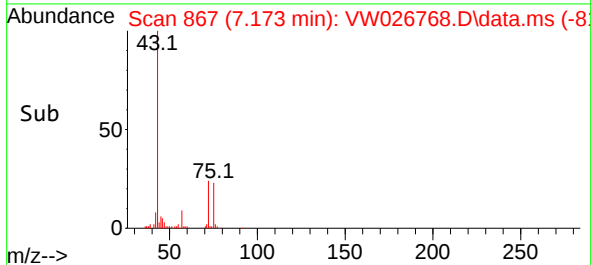
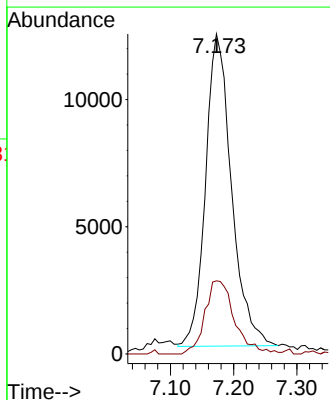
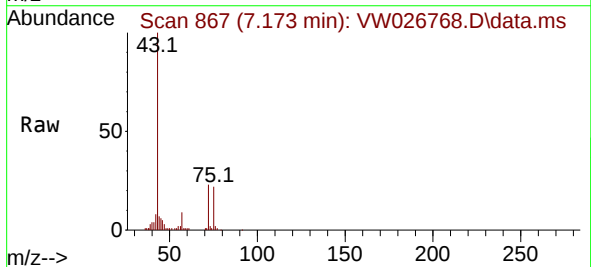
Instrument :
MSVOA_W
ClientSampleId :
EZY2

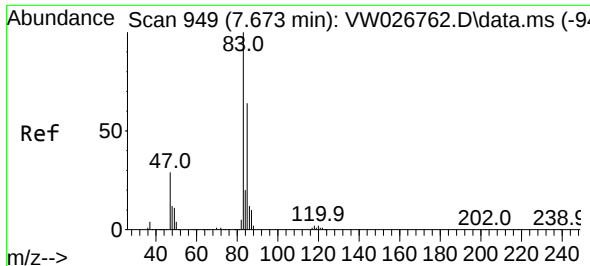
Tgt Ion: 84 Resp: 45665
Ion Ratio Lower Upper
84 100
86 61.8 43.5 80.9
49 126.7 96.0 178.2



#22
2-Butanone
Concen: 7.470 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion: 43 Resp: 34984
Ion Ratio Lower Upper
43 100
72 25.5 11.8 35.4

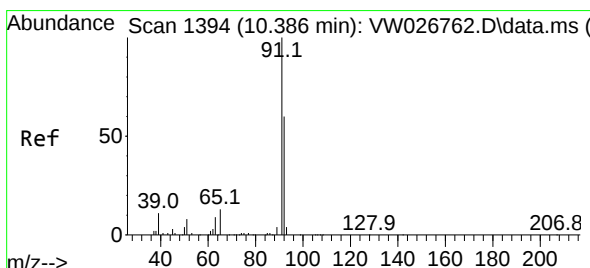
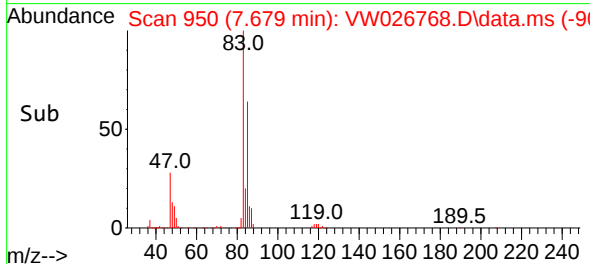
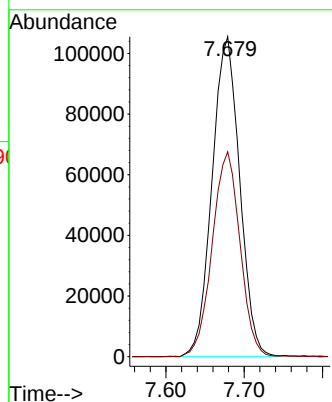
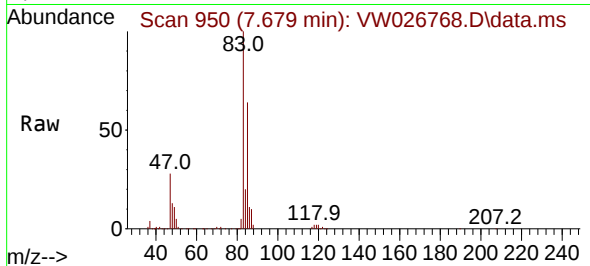




#25
Chloroform
Concen: 11.634 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

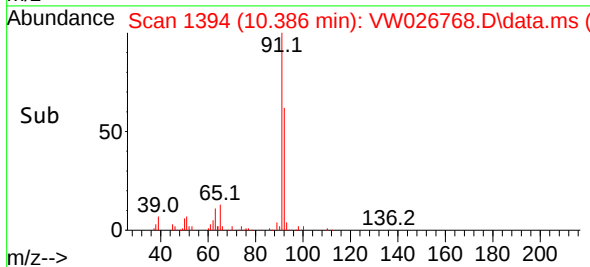
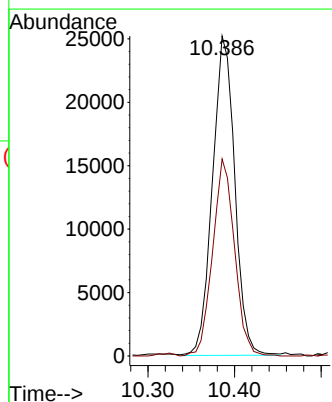
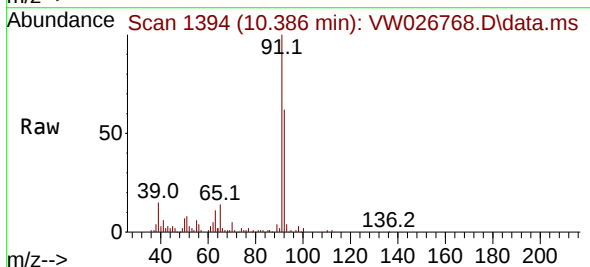
Instrument :
MSVOA_W
ClientSampleId :
EZY2

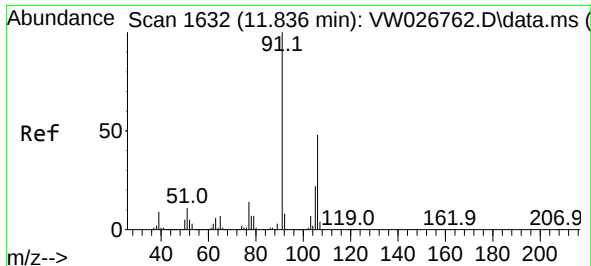
Tgt Ion: 83 Resp: 258108
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2



#42
Toluene
Concen: 1.063 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion: 91 Resp: 45014
Ion Ratio Lower Upper
91 100
92 61.5 40.8 75.8

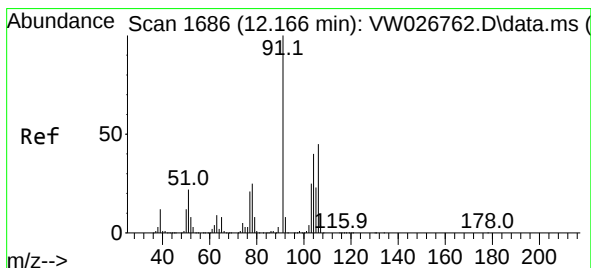
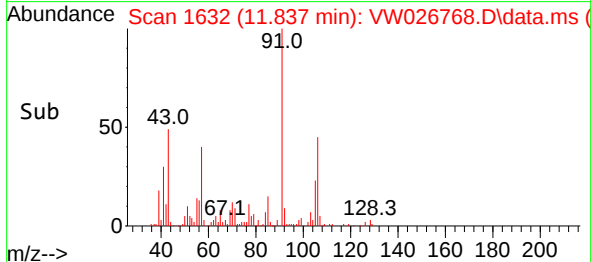
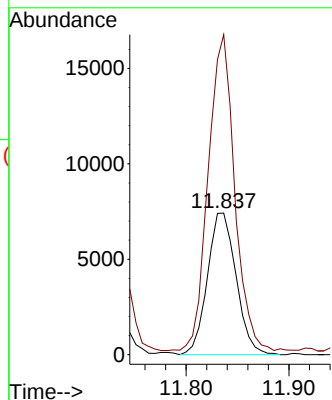
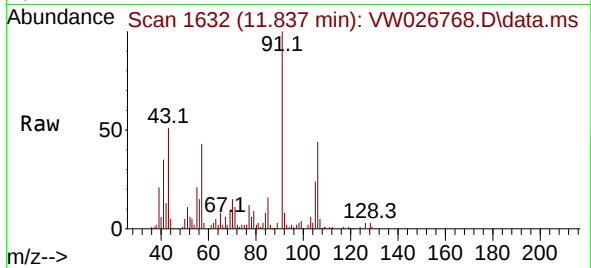




#53
m,p-Xylene
Concen: 0.818 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

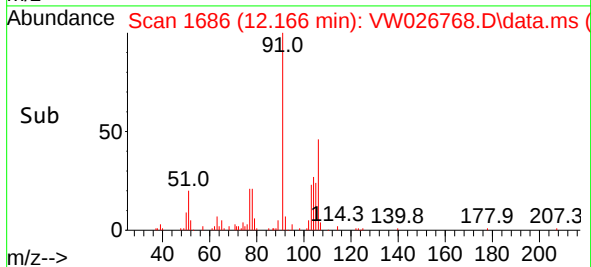
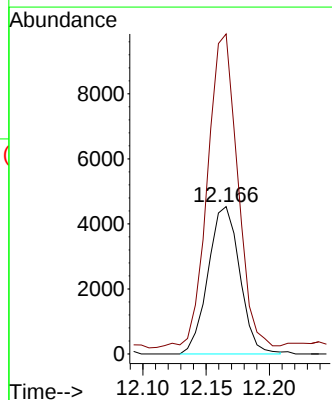
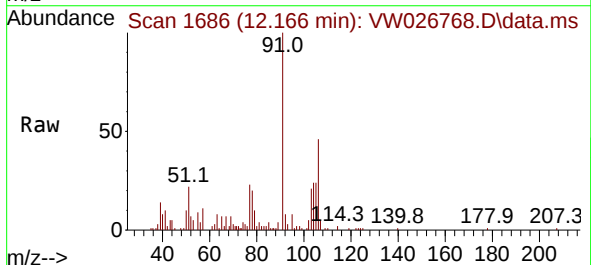
Instrument :
MSVOA_W
ClientSampleId :
EZY2

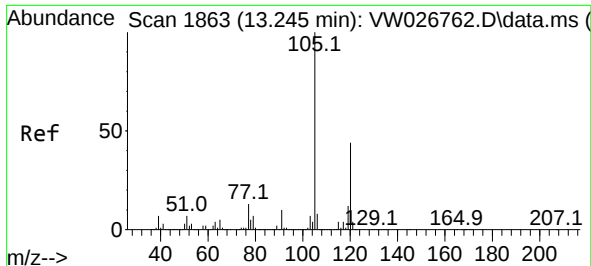
Tgt Ion:106 Resp: 14386
Ion Ratio Lower Upper
106 100
91 225.9 152.9 284.1



#54
o-Xylene
Concen: 0.480 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion:106 Resp: 7883
Ion Ratio Lower Upper
106 100
91 217.1 149.9 278.3

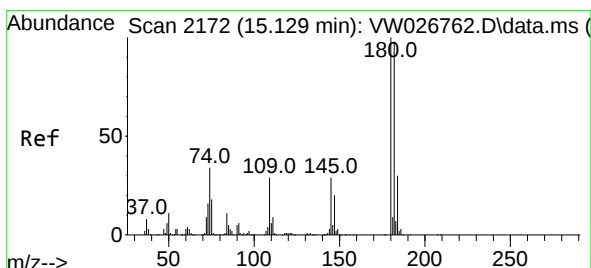
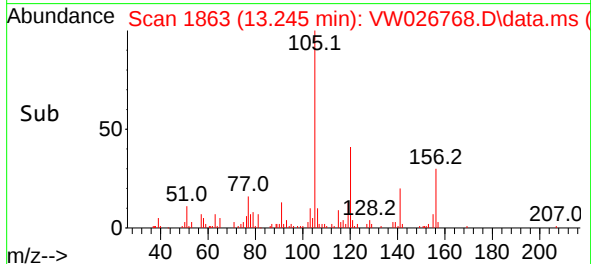
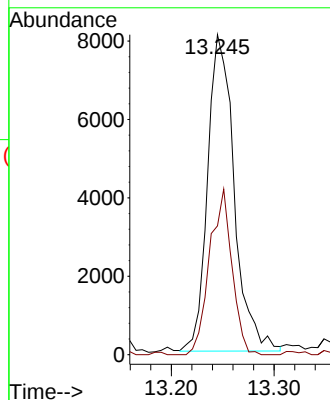
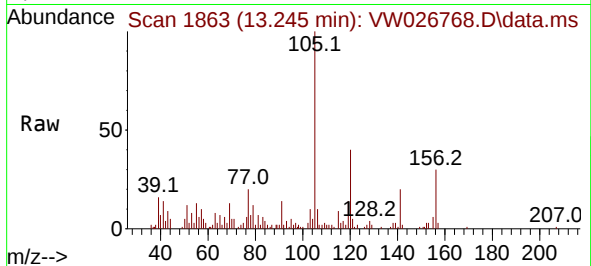




#63
1,2,4-Trimethylbenzene
Concen: 0.616 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
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EZY2

Tgt Ion:105 Resp: 14527
Ion Ratio Lower Upper
105 100
120 43.9 36.2 54.4



#70
1,2,4-trichlorobenzene
Concen: 1.014 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion:180 Resp: 7689
Ion Ratio Lower Upper
180 100
182 102.1 72.5 108.7
145 37.5 24.7 37.1#

