

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060822\
 Data File : VW023428.D
 Acq On : 08 Jun 2022 15:16
 Operator : SY/VA
 Sample : N3226-11
 Misc : 7.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4N1

Quant Time: Jun 09 00:41:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 09 00:39:51 2022
 Response via : Initial Calibration

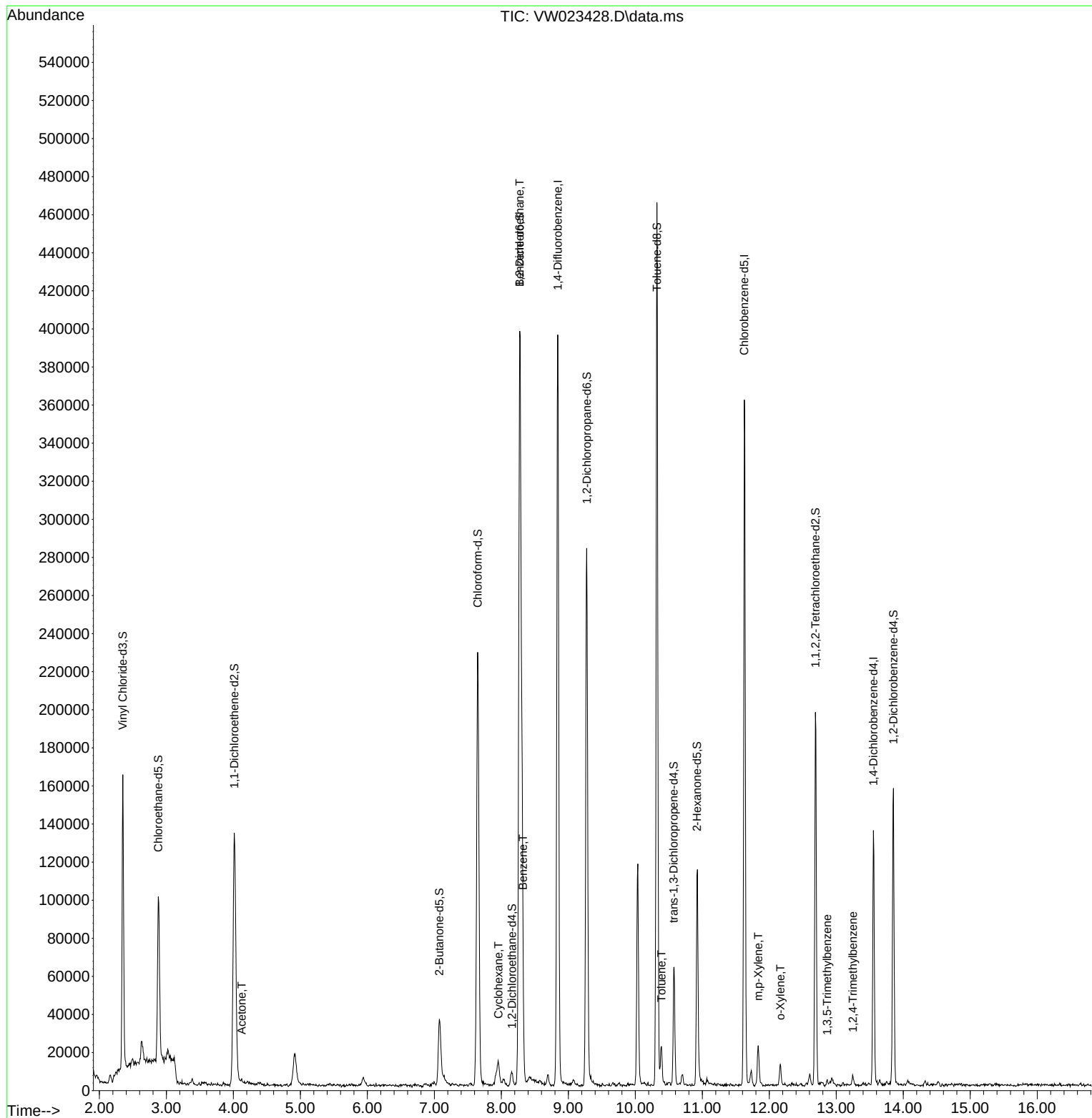
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	321876	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	189643	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	31457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	141433	28.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.560%	
7) Chloroethane-d5	2.879	69	101400	28.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.560%	
11) 1,1-Dichloroethene-d2	4.013	63	130207	17.402	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 69.600%	
21) 2-Butanone-d5	7.074	46	56932	59.249	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 118.500%	
24) Chloroform-d	7.647	84	220762	25.435	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.760%	
26) 1,2-Dichloroethane-d4	8.159	65	104	0.023	ug/L	-0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.080%#	
32) Benzene-d6	8.275	84	403421	38.322	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 153.280%#	
36) 1,2-Dichloropropane-d6	9.275	67	121724	41.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 165.000%#	
41) Toluene-d8	10.323	98	296164	29.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 118.160%	
43) trans-1,3-Dichloroprop...	10.573	79	33345	25.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.320%	
47) 2-Hexanone-d5	10.921	63	36952	83.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 167.320%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	92819	36.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 147.080%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	36949	32.452	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 129.800%#	
Target Compounds						Qvalue
13) Acetone	4.123	43	2512	3.485	ug/L	78
27) 1,2-Dichloroethane	8.275	62	2629	0.514	ug/L	100
29) Cyclohexane	7.958	56	4907	1.211	ug/L #	88
33) Benzene	8.323	78	6427	0.577	ug/L	100
42) Toluene	10.390	91	13783	1.098	ug/L	97
53) m,p-Xylene	11.835	106	5795	1.083	ug/L	93
54) o-Xylene	12.164	106	2941	0.574	ug/L	88
62) 1,3,5-Trimethylbenzene	12.865	105	1785	0.479	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	2427	0.658	ug/L	95

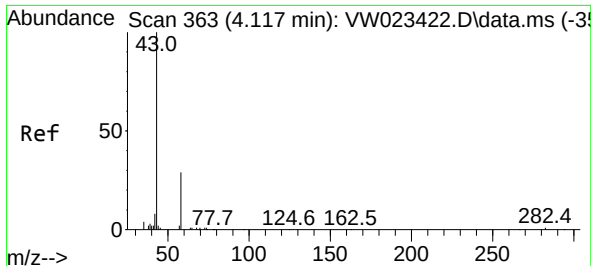
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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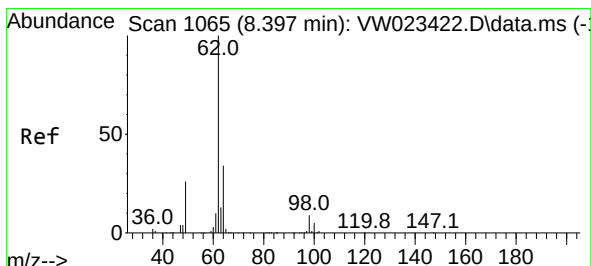
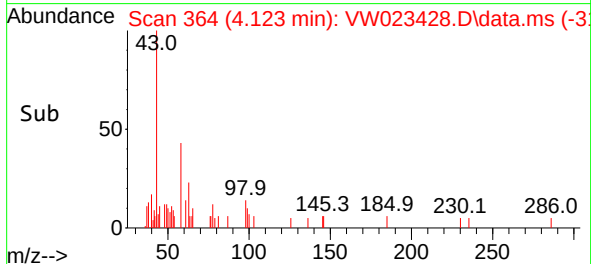
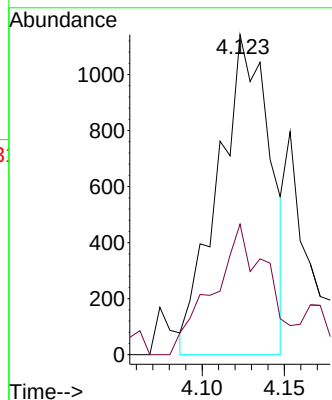
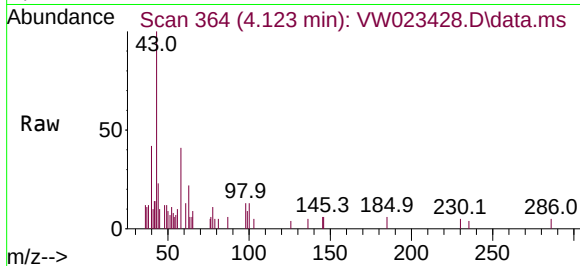




#13
Acetone
Concen: 3.485 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW023428.D
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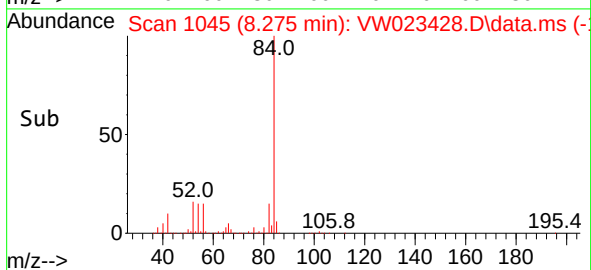
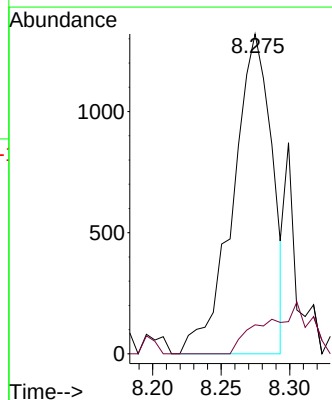
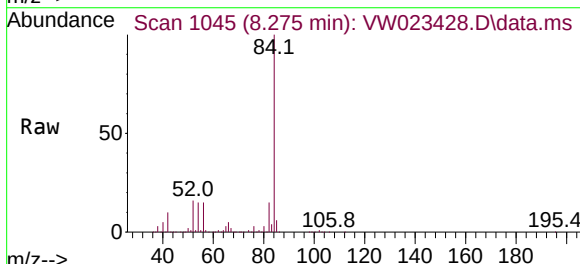
Instrument :
MSVOA_W
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EW4N1

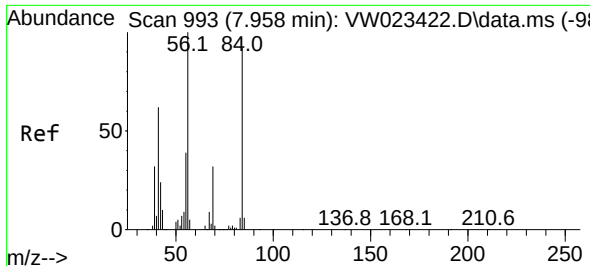
Tgt Ion: 43 Resp: 2512
Ion Ratio Lower Upper
43 100
58 19.6 0.0 64.0



#27
1,2-Dichloroethane
Concen: 0.514 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW023428.D
Acq: 08 Jun 2022 15:16

Tgt Ion: 62 Resp: 2629
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8

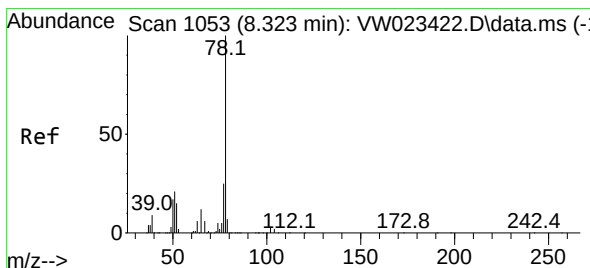
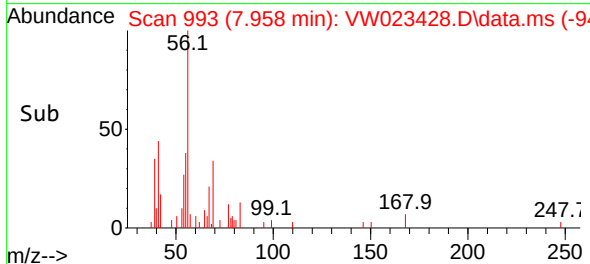
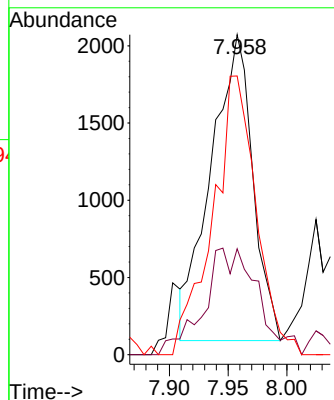
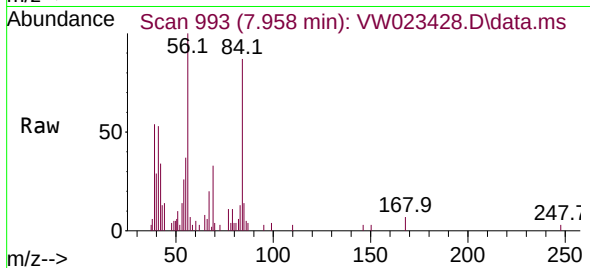




#29
Cyclohexane
Concen: 1.211 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023428.D
Acq: 08 Jun 2022 15:16

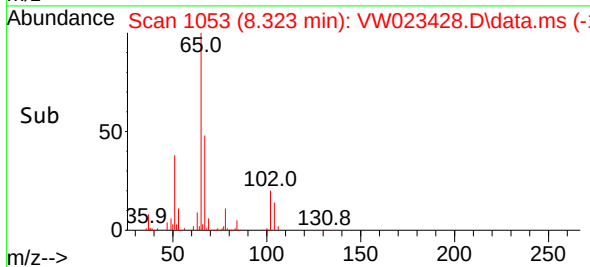
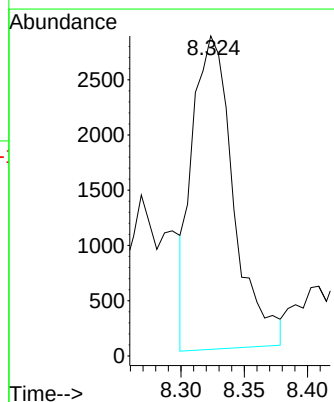
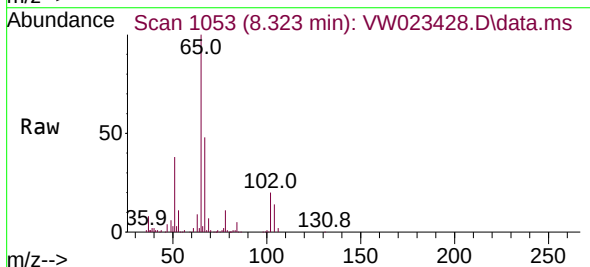
Instrument :
MSVOA_W
ClientSampleId :
EW4N1

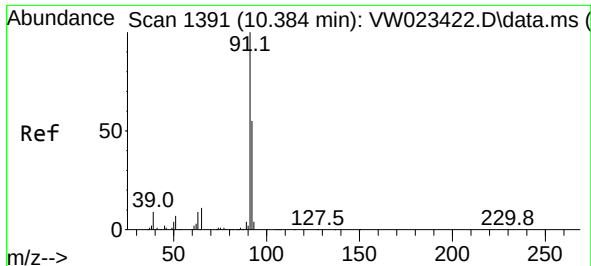
Tgt Ion: 56 Resp: 4907
Ion Ratio Lower Upper
56 100
69 10.9 25.6 38.4#
84 94.5 78.2 117.4



#33
Benzene
Concen: 0.577 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023428.D
Acq: 08 Jun 2022 15:16

Tgt Ion: 78 Resp: 6427

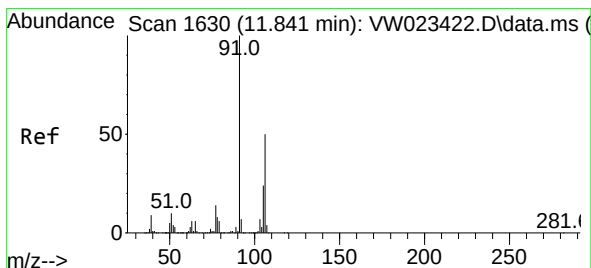
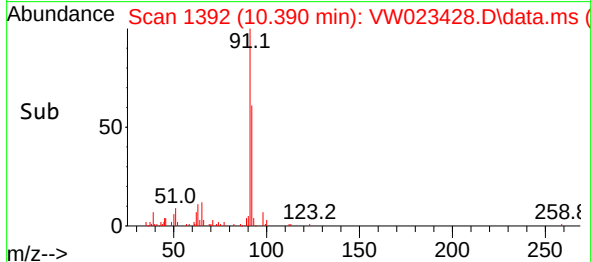
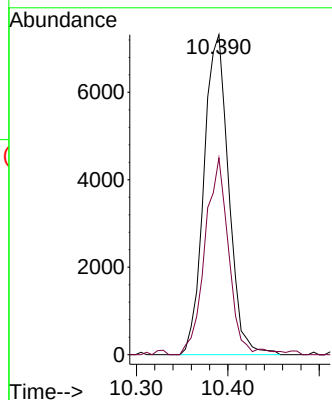
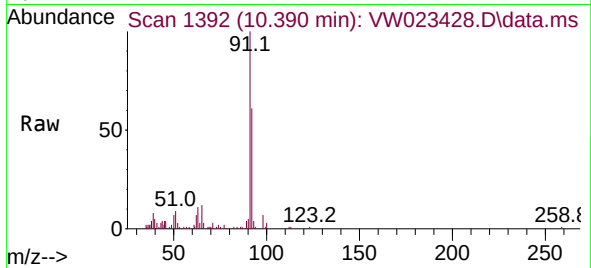




#42
Toluene
Concen: 1.098 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW023428.D
Acq: 08 Jun 2022 15:16

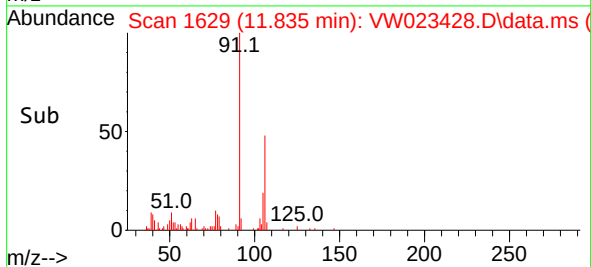
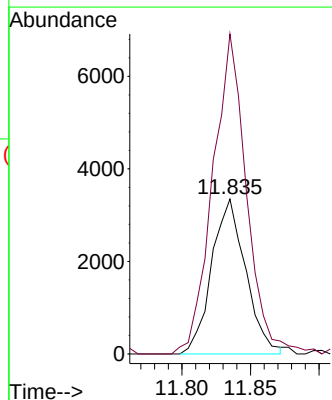
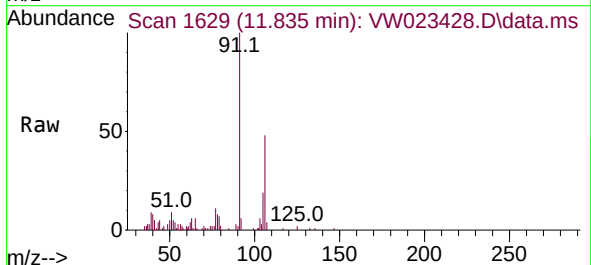
Instrument :
MSVOA_W
ClientSampleId :
EW4N1

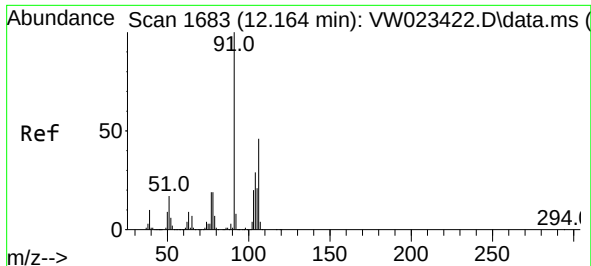
Tgt Ion: 91 Resp: 13783
Ion Ratio Lower Upper
91 100
92 61.5 41.6 77.2



#53
m,p-Xylene
Concen: 1.083 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023428.D
Acq: 08 Jun 2022 15:16

Tgt Ion: 106 Resp: 5795
Ion Ratio Lower Upper
106 100
91 206.6 136.8 254.0

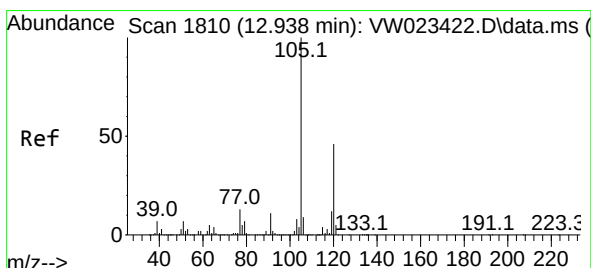
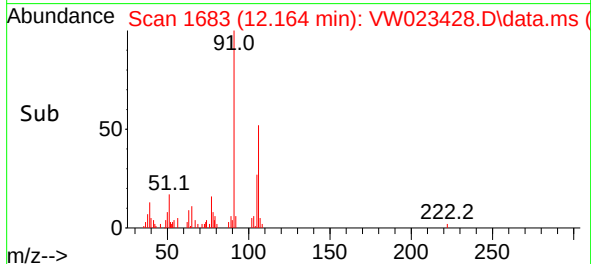
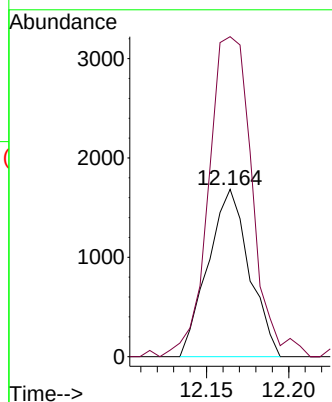
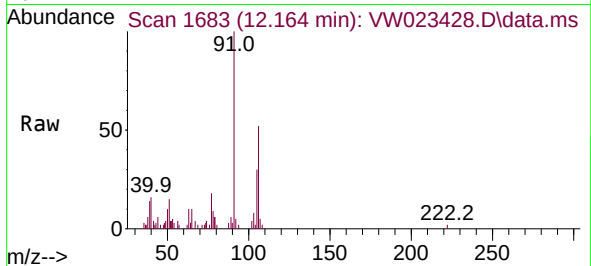




#54
o-Xylene
Concen: 0.574 ug/L
RT: 12.164 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VW023428.D
Acq: 08 Jun 2022 15:16

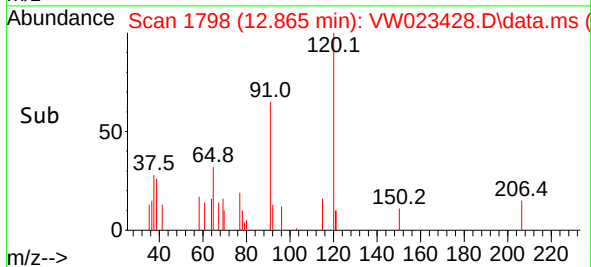
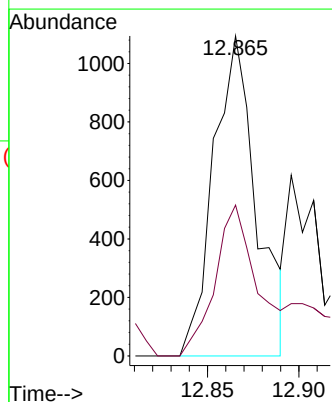
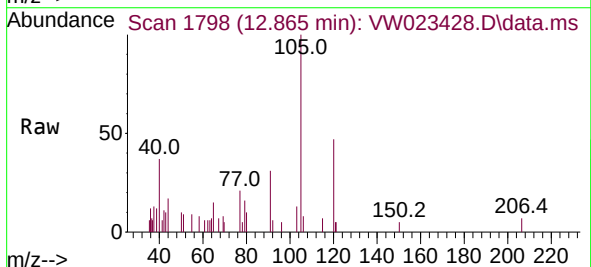
Instrument :
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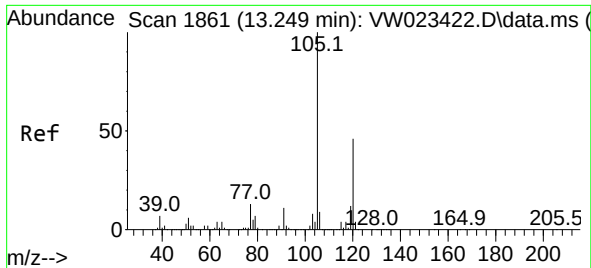
Tgt Ion:106 Resp: 2941
Ion Ratio Lower Upper
106 100
91 191.3 147.2 273.4



#62
1,3,5-Trimethylbenzene
Concen: 0.479 ug/L
RT: 12.865 min Scan# 1798
Delta R.T. -0.073 min
Lab File: VW023428.D
Acq: 08 Jun 2022 15:16

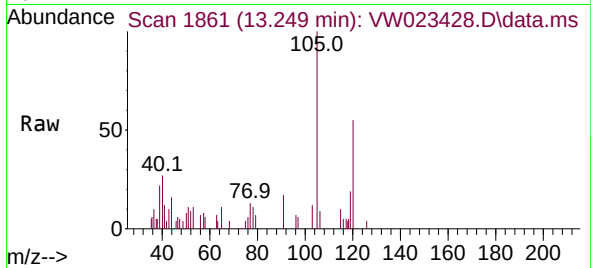
Tgt Ion:105 Resp: 1785
Ion Ratio Lower Upper
105 100
120 46.3 38.9 58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.658 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023428.D
 Acq: 08 Jun 2022 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:105 Resp: 2427
 Ion Ratio Lower Upper
 105 100
 120 49.9 37.4 56.2

