

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
 Data File : VW022991.D
 Acq On : 12 May 2022 10:30
 Operator : SY/VA
 Sample : N2766-09RE
 Misc : 6.87g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F9RE

Quant Time: May 13 01:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 01:10:05 2022
 Response via : Initial Calibration

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

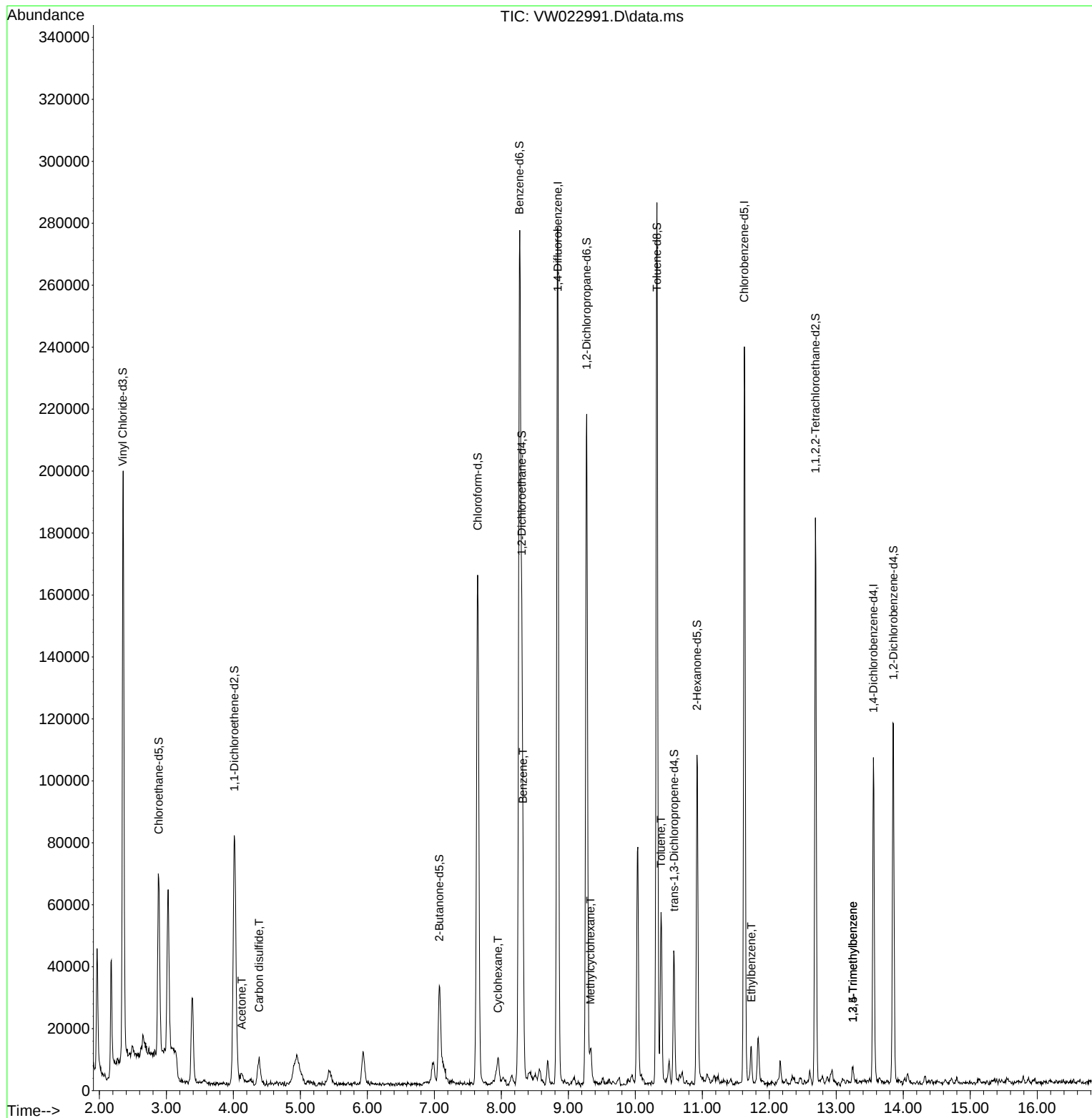
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	227904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	131297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	25340	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	89698	19.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.720%
7) Chloroethane-d5	2.885	69	69530	22.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	4.013	63	77598	12.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.360%
21) 2-Butanone-d5	7.074	46	51574	58.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.020%
24) Chloroform-d	7.647	84	165969	24.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	8.305	65	91048	24.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.440%
32) Benzene-d6	8.269	84	280021	37.001	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.000%#
36) 1,2-Dichloropropane-d6	9.274	67	95729	45.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	180.120%#
41) Toluene-d8	10.323	98	187898	25.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	10.579	79	22202	22.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.720%
47) 2-Hexanone-d5	10.921	63	36069	88.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.760%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	84560	42.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	170.720%#
66) 1,2-Dichlorobenzene-d4	13.853	152	28869	32.591	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.360%#
Target Compounds					Qvalue	
13) Acetone	4.123	43	4764	7.158	ug/L	76
14) Carbon disulfide	4.385	76	17162	2.145	ug/L	99
29) Cyclohexane	7.952	56	3602	1.269	ug/L	85
33) Benzene	8.323	78	29192	3.774	ug/L	100
35) Methylcyclohexane	9.329	83	4402	1.260	ug/L	98
42) Toluene	10.384	91	39362	4.541	ug/L	96
52) Ethylbenzene	11.731	91	7567	0.785	ug/L	96
62) 1,3,5-Trimethylbenzene	13.249	105	2714	1.405	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	2714	0.936	ug/L	92

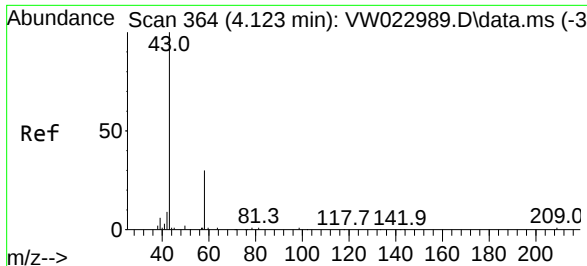
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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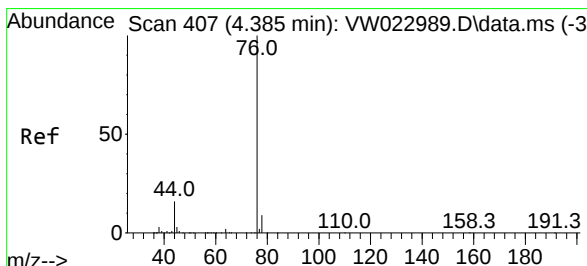
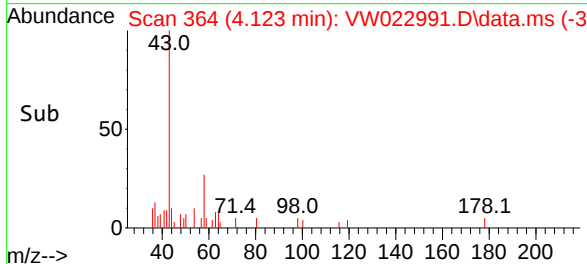
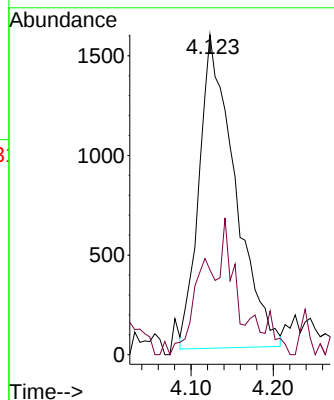
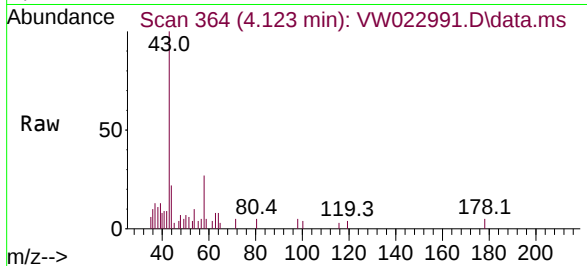




#13
Acetone
Concen: 7.158 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022991.D
Acq: 12 May 2022 10:30

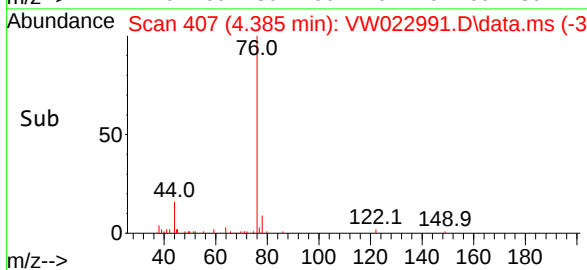
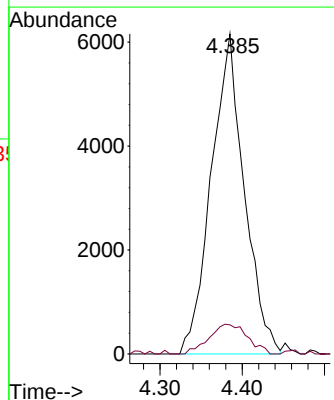
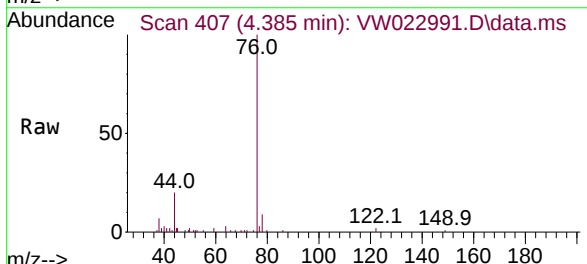
Instrument :
MSVOA_W
ClientSampleId :
EW4F9RE

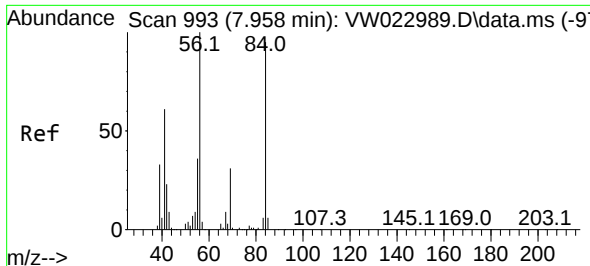
Tgt Ion: 43 Resp: 4764
Ion Ratio Lower Upper
43 100
58 18.5 0.0 64.0



#14
Carbon disulfide
Concen: 2.145 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022991.D
Acq: 12 May 2022 10:30

Tgt Ion: 76 Resp: 17162
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

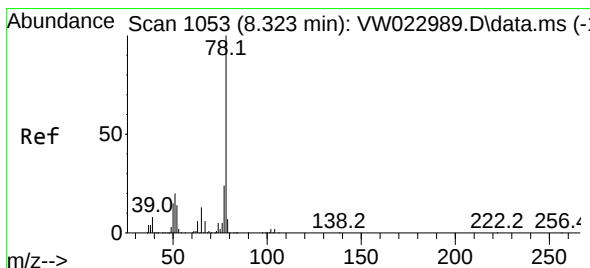
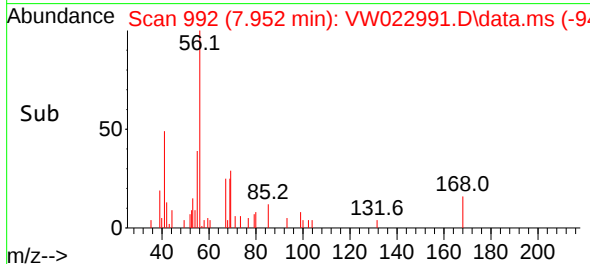
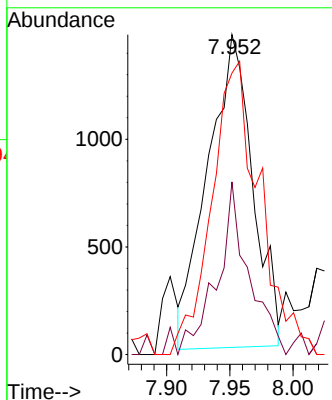
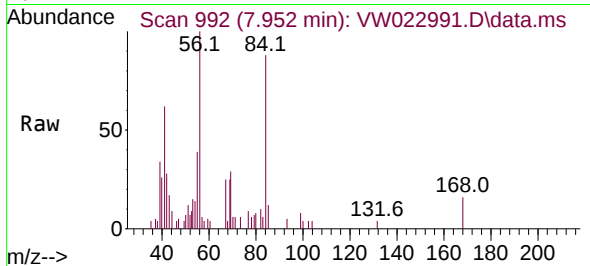




#29
Cyclohexane
Concen: 1.269 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022991.D
Acq: 12 May 2022 10:30

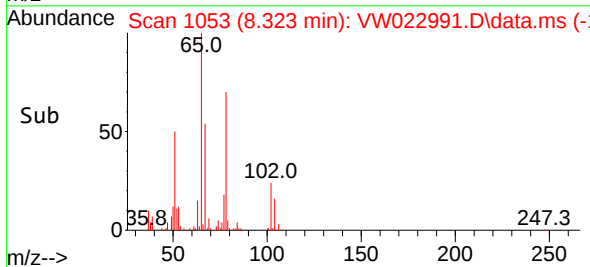
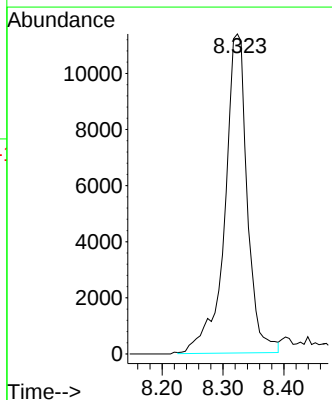
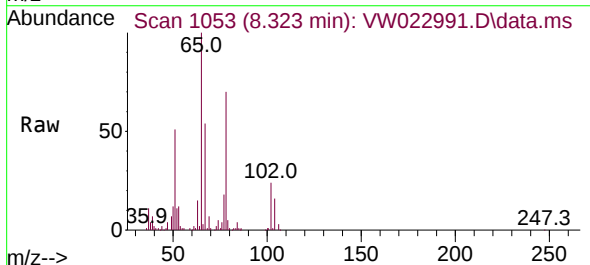
Instrument :
MSVOA_W
ClientSampleId :
EW4F9RE

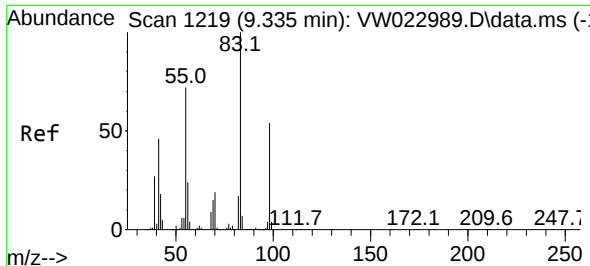
Tgt Ion: 56 Resp: 3602
Ion Ratio Lower Upper
56 100
69 28.8 25.6 38.4
84 79.5 78.2 117.4



#33
Benzene
Concen: 3.774 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022991.D
Acq: 12 May 2022 10:30

Tgt Ion: 78 Resp: 29192

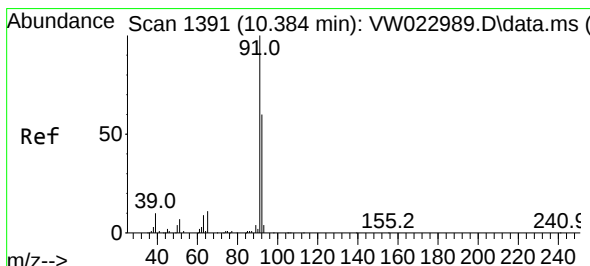
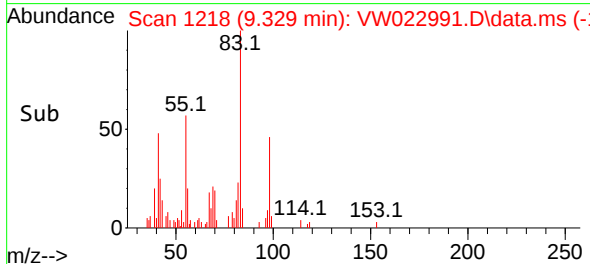
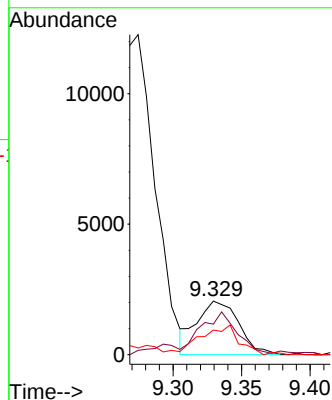
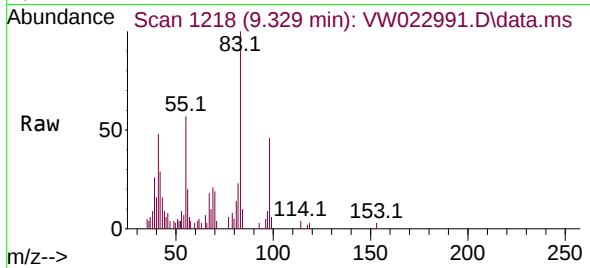




#35
Methylcyclohexane
Concen: 1.260 ug/L
RT: 9.329 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW022991.D
Acq: 12 May 2022 10:30

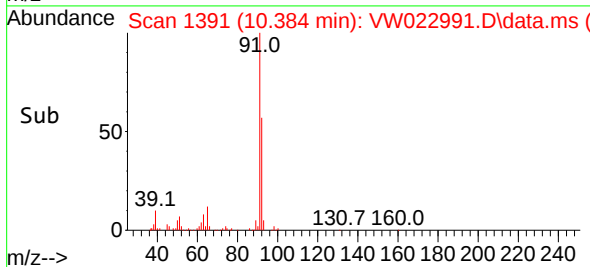
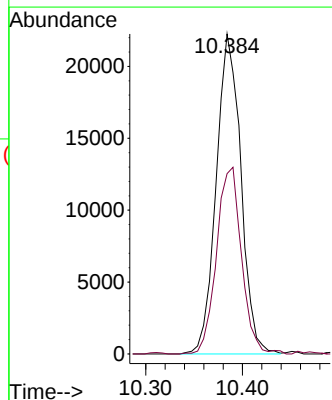
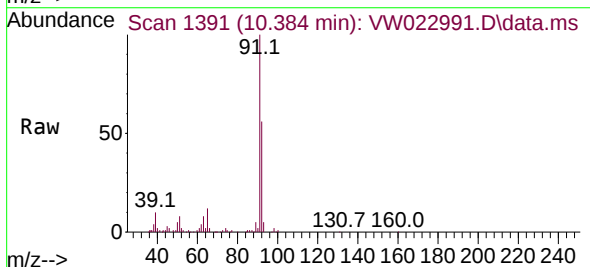
Instrument :
MSVOA_W
ClientSampleId :
EW4F9RE

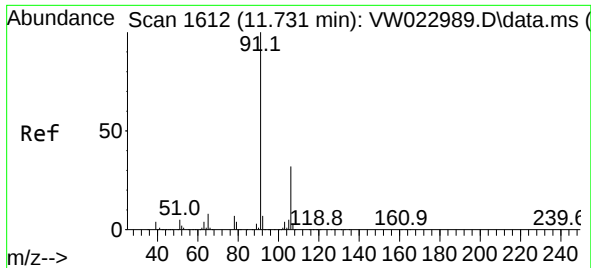
Tgt Ion: 83 Resp: 4402
Ion Ratio Lower Upper
83 100
55 68.9 55.1 82.7
98 47.8 40.4 60.6



#42
Toluene
Concen: 4.541 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022991.D
Acq: 12 May 2022 10:30

Tgt Ion: 91 Resp: 39362
Ion Ratio Lower Upper
91 100
92 56.4 41.6 77.2

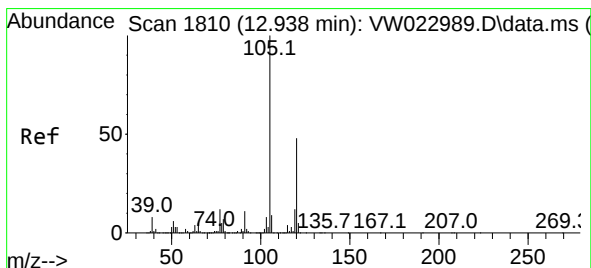
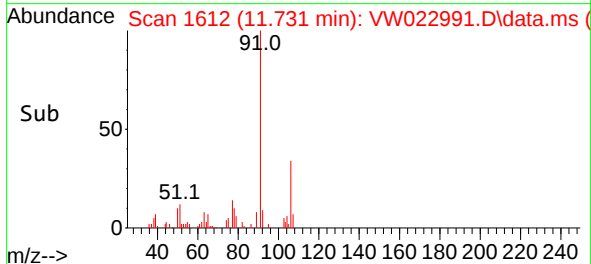
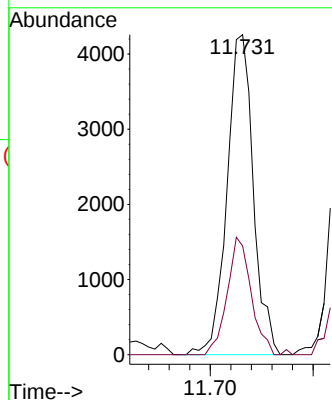
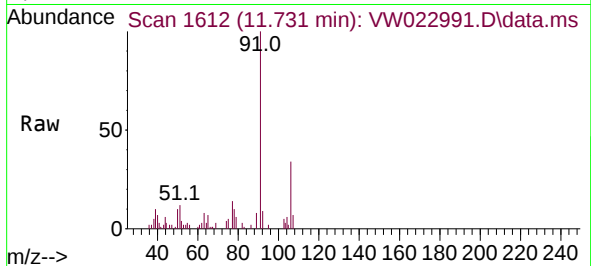




#52
Ethylbenzene
Concen: 0.785 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022991.D
Acq: 12 May 2022 10:30

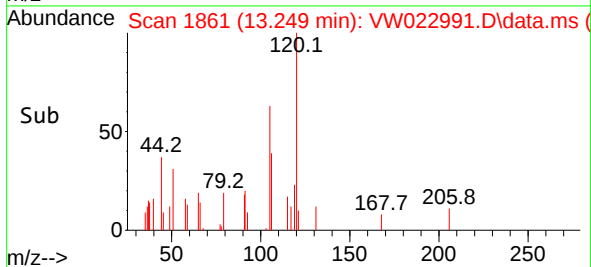
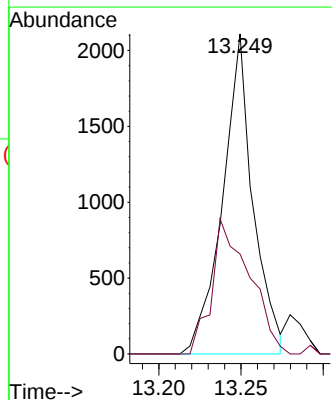
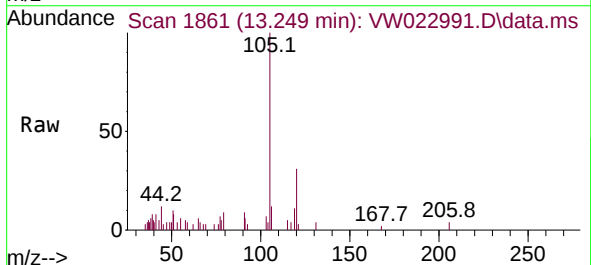
Instrument :
MSVOA_W
ClientSampleId :
EW4F9RE

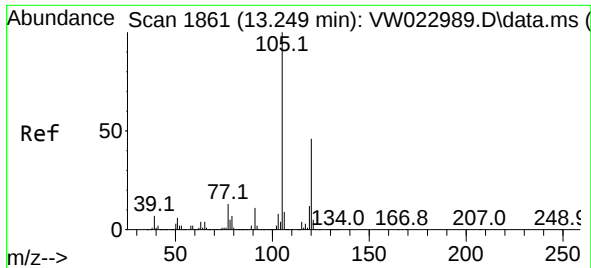
Tgt Ion: 91 Resp: 7567
Ion Ratio Lower Upper
91 100
106 34.0 22.3 41.3



#62
1,3,5-Trimethylbenzene
Concen: 1.405 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.311 min
Lab File: VW022991.D
Acq: 12 May 2022 10:30

Tgt Ion: 105 Resp: 2714
Ion Ratio Lower Upper
105 100
120 52.4 38.9 58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.936 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022991.D
 Acq: 12 May 2022 10:30

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F9RE

Tgt Ion:105 Resp: 2714
 Ion Ratio Lower Upper
 105 100
 120 52.4 37.4 56.2

