

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023097.D
 Acq On : 17 May 2022 13:48
 Operator : SY/VA
 Sample : N2843-05RE
 Misc : 5.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H5RE

Quant Time: May 18 01:28:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 01:26:16 2022
 Response via : Initial Calibration

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

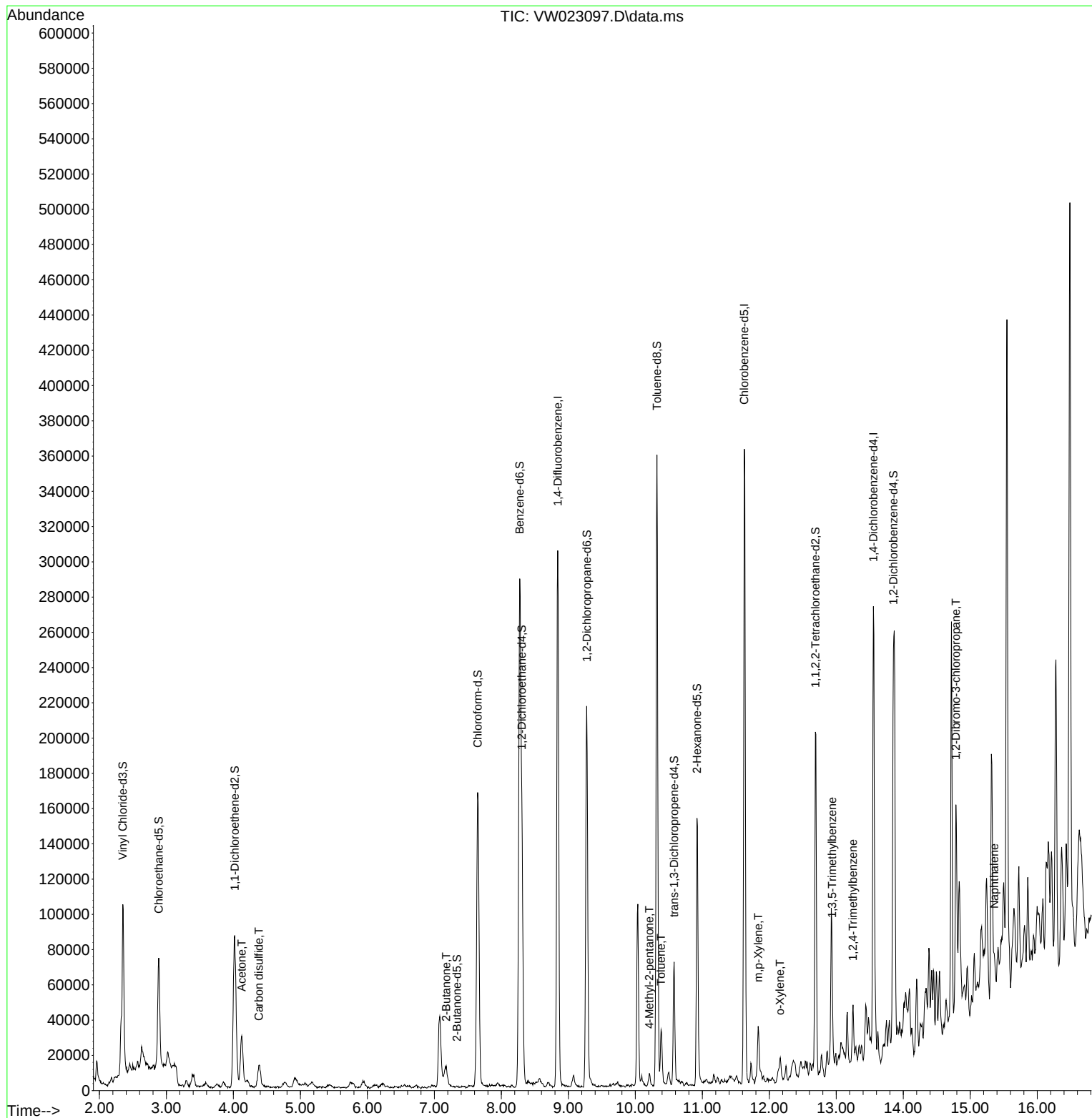
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	260556	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	196812	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61018	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	82639	15.459	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.840%		
7) Chloroethane-d5	2.885	69	71807	20.647	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.600%		
11) 1,1-Dichloroethene-d2	4.019	63	84600	12.248	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.000%		
21) 2-Butanone-d5	7.336	46	276	0.272	ug/L	0.26
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.540%#		
24) Chloroform-d	7.647	84	170049	22.276	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.120%		
26) 1,2-Dichloroethane-d4	8.305	65	101028	24.130	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.520%		
32) Benzene-d6	8.275	84	297619	26.236	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.960%		
36) 1,2-Dichloropropane-d6	9.274	67	97471	30.588	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	122.360%#		
41) Toluene-d8	10.323	98	232379	21.205	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.840%		
43) trans-1,3-Dichloroprop...	10.579	79	37801	25.763	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	103.040%		
47) 2-Hexanone-d5	10.921	63	52133	85.701	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	171.400%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	93061	31.332	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	125.320%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	48349	22.667	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.680%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	50439	66.284	ug/L	96
14) Carbon disulfide	4.379	76	28331	3.097	ug/L	97
22) 2-Butanone	7.177	43	16243	15.263	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	4718	2.668	ug/L	95
42) Toluene	10.384	91	23429	1.803	ug/L	93
53) m,p-Xylene	11.835	106	5479	0.962	ug/L	90
54) o-Xylene	12.158	106	3518	0.644	ug/L	80
62) 1,3,5-Trimethylbenzene	12.938	105	5708	1.227	ug/L	87
63) 1,2,4-Trimethylbenzene	13.249	105	18790	2.691	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.786	75	1284	4.819	ug/L #	19
71) Naphthalene	15.359	128	9807	2.264	ug/L #	90

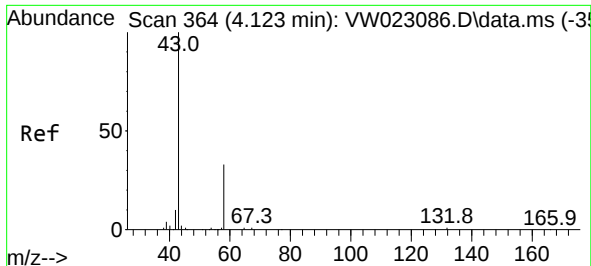
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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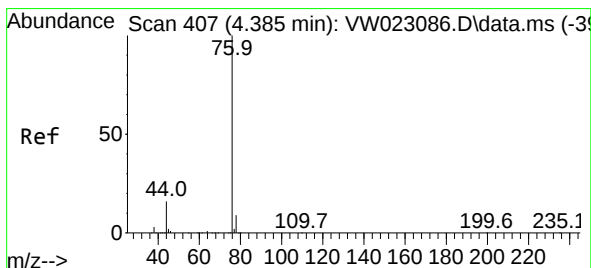
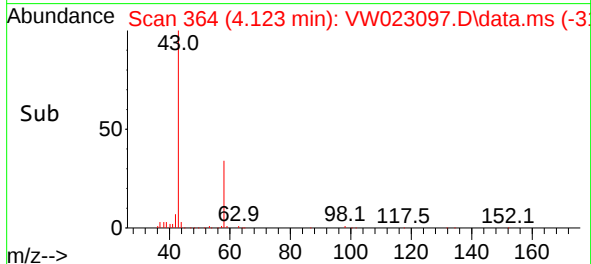
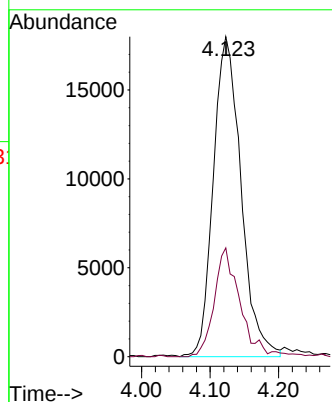
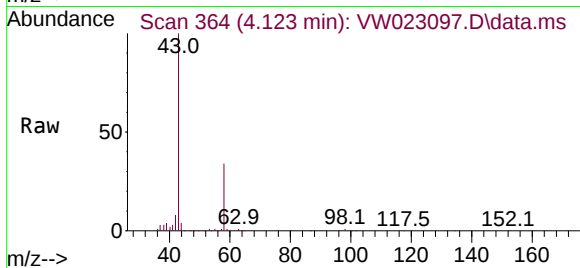




#13
Acetone
Concen: 66.284 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023097.D
Acq: 17 May 2022 13:48

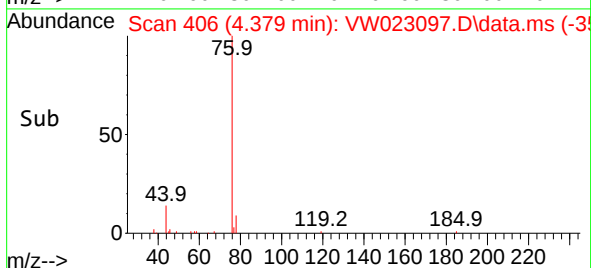
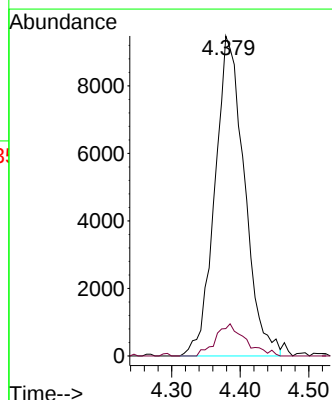
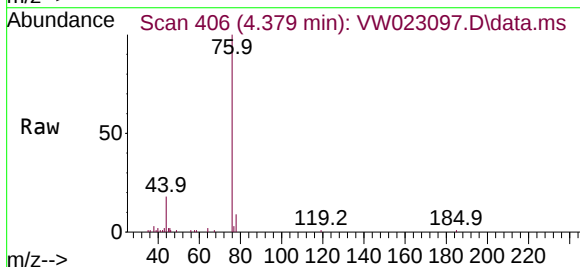
Instrument :
MSVOA_W
ClientSampleId :
EW4H5RE

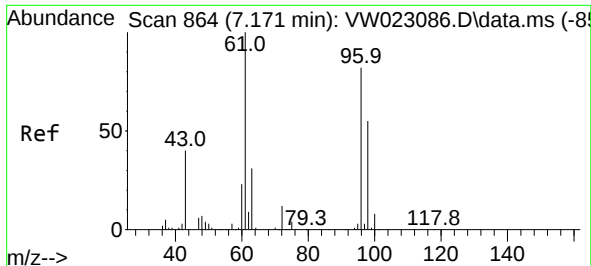
Tgt Ion: 43 Resp: 50439
Ion Ratio Lower Upper
43 100
58 29.5 0.0 64.0



#14
Carbon disulfide
Concen: 3.097 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023097.D
Acq: 17 May 2022 13:48

Tgt Ion: 76 Resp: 28331
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5

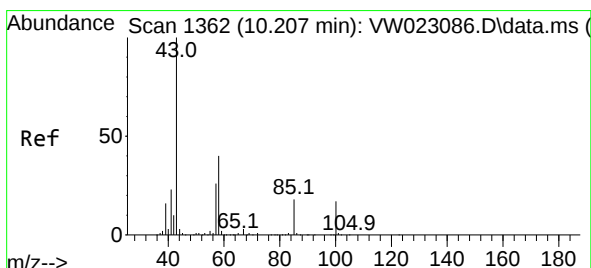
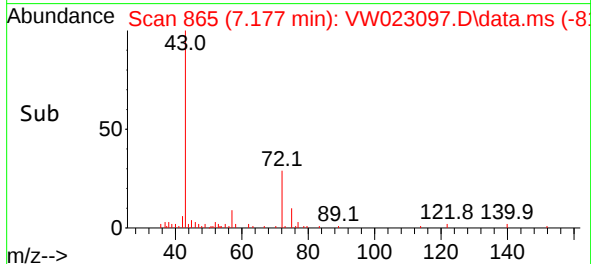
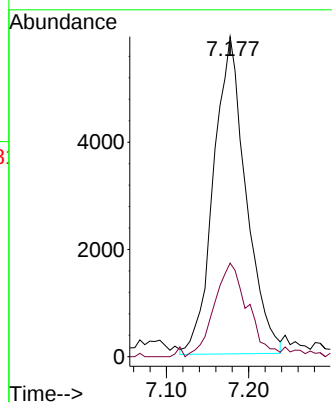
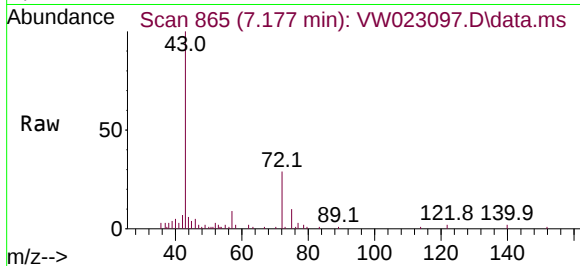




#22
2-Butanone
Concen: 15.263 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023097.D
Acq: 17 May 2022 13:48

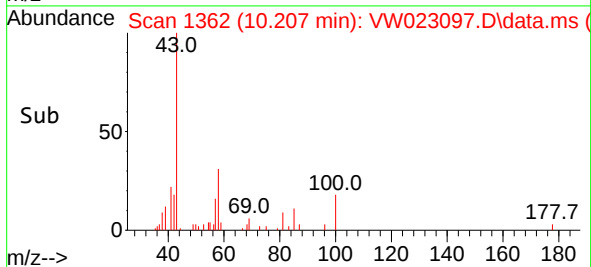
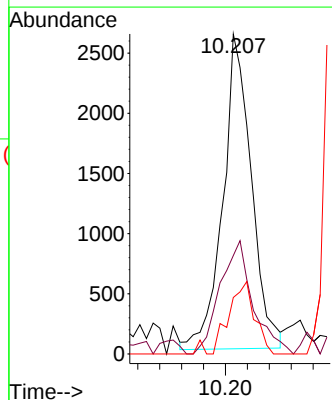
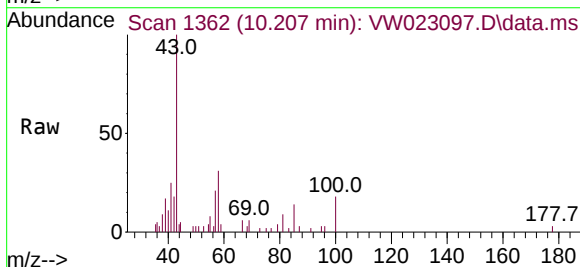
Instrument :
MSVOA_W
ClientSampleId :
EW4H5RE

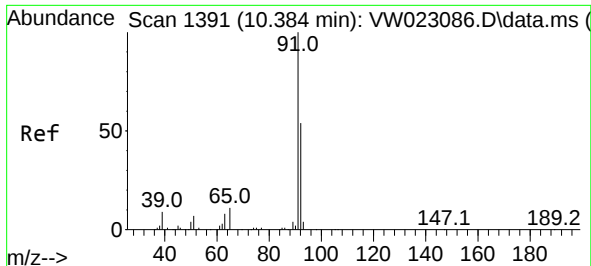
Tgt Ion: 43 Resp: 16243
Ion Ratio Lower Upper
43 100
72 30.3 15.1 45.3



#40
4-Methyl-2-pentanone
Concen: 2.668 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW023097.D
Acq: 17 May 2022 13:48

Tgt Ion: 43 Resp: 4718
Ion Ratio Lower Upper
43 100
58 41.6 31.4 47.2
100 20.7 14.2 21.4

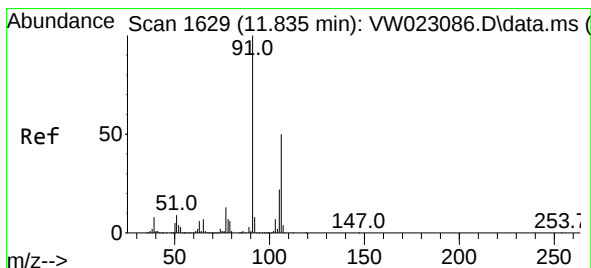
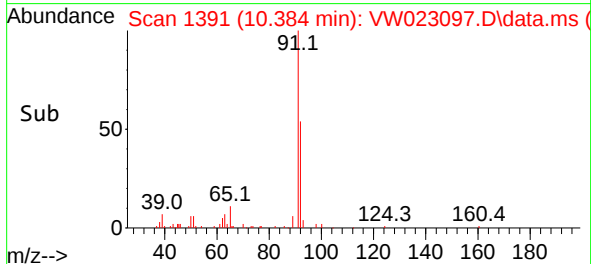
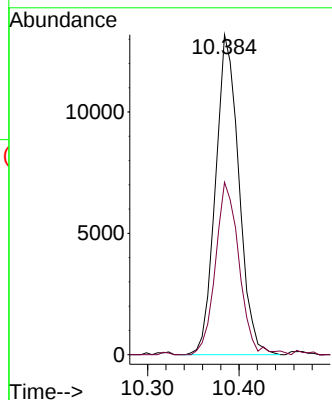
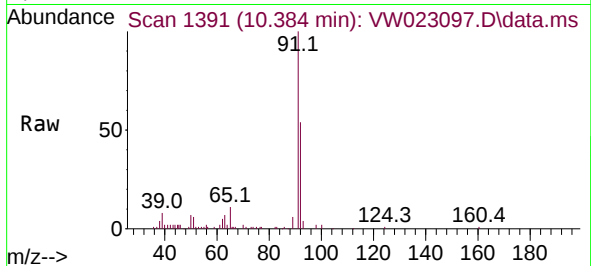




#42
Toluene
Concen: 1.803 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023097.D
Acq: 17 May 2022 13:48

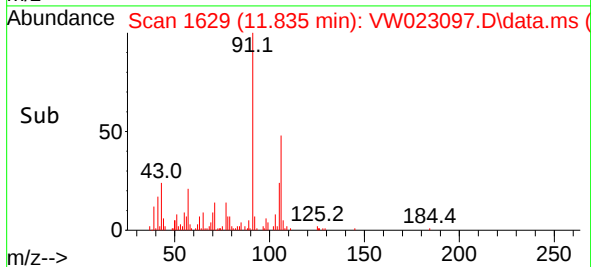
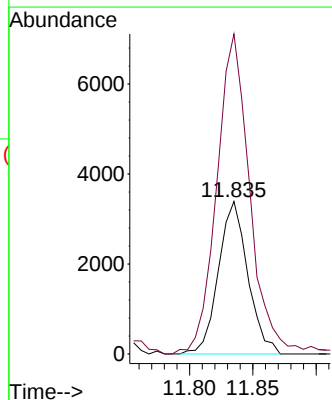
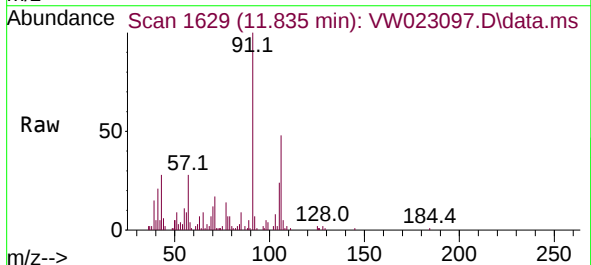
Instrument :
MSVOA_W
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EW4H5RE

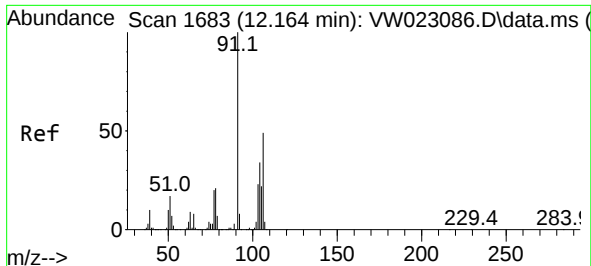
Tgt Ion: 91 Resp: 23429
Ion Ratio Lower Upper
91 100
92 53.9 41.6 77.2



#53
m,p-Xylene
Concen: 0.962 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023097.D
Acq: 17 May 2022 13:48

Tgt Ion:106 Resp: 5479
Ion Ratio Lower Upper
106 100
91 209.9 136.8 254.0

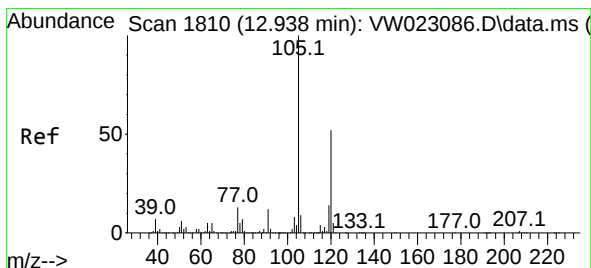
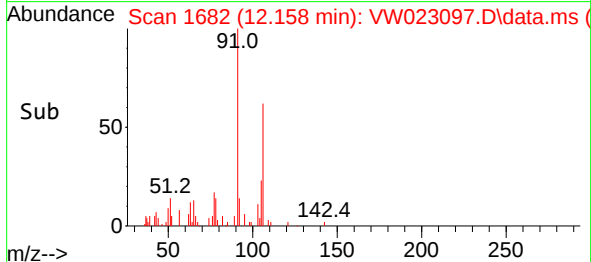
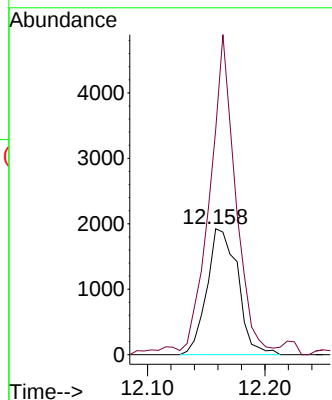
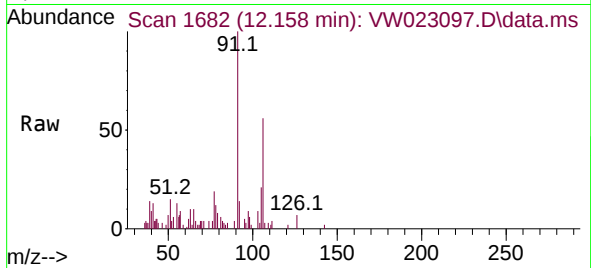




#54
o-Xylene
Concen: 0.644 ug/L
RT: 12.158 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023097.D
Acq: 17 May 2022 13:48

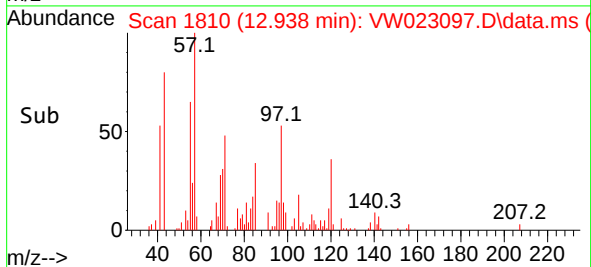
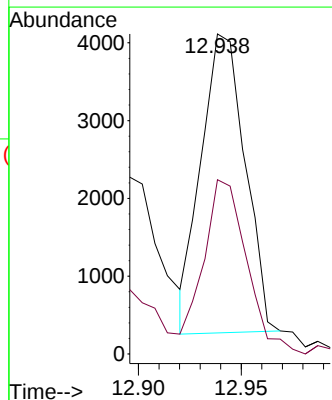
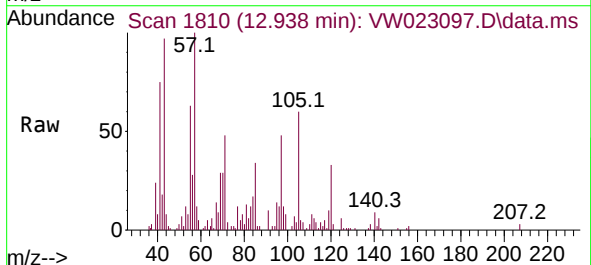
Instrument :
MSVOA_W
ClientSampleId :
EW4H5RE

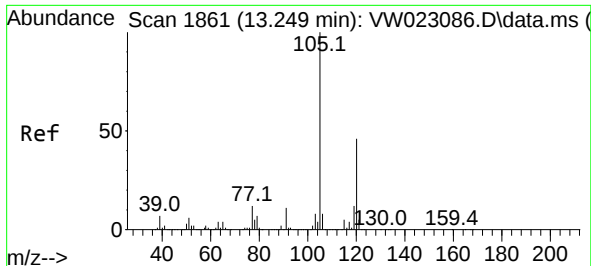
Tgt Ion:106 Resp: 3518
Ion Ratio Lower Upper
106 100
91 178.9 147.2 273.4



#62
1,3,5-Trimethylbenzene
Concen: 1.227 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023097.D
Acq: 17 May 2022 13:48

Tgt Ion:105 Resp: 5708
Ion Ratio Lower Upper
105 100
120 57.4 38.9 58.3





#63

1,2,4-Trimethylbenzene

Concen: 2.691 ug/L

RT: 13.249 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023097.D

Acq: 17 May 2022 13:48

Instrument :

MSVOA_W

ClientSampleId :

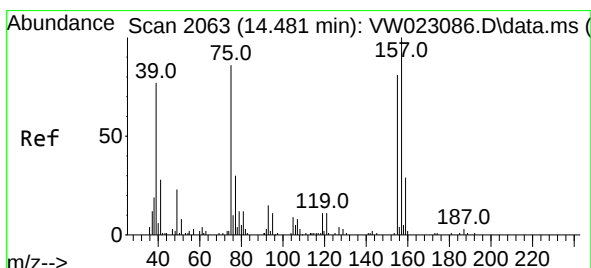
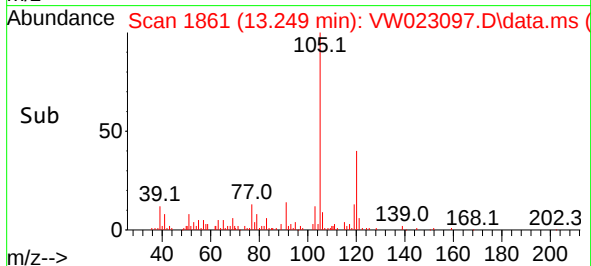
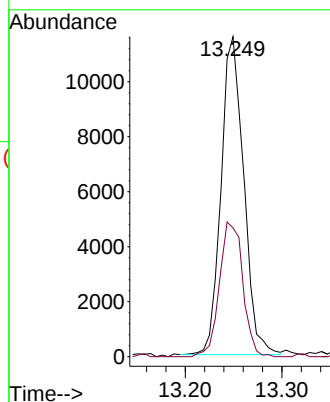
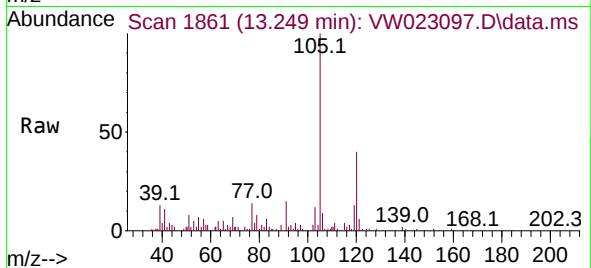
EW4H5RE

Tgt Ion:105 Resp: 18790

Ion Ratio Lower Upper

105 100

120 43.5 37.4 56.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.819 ug/L

RT: 14.786 min Scan# 2113

Delta R.T. 0.305 min

Lab File: VW023097.D

Acq: 17 May 2022 13:48

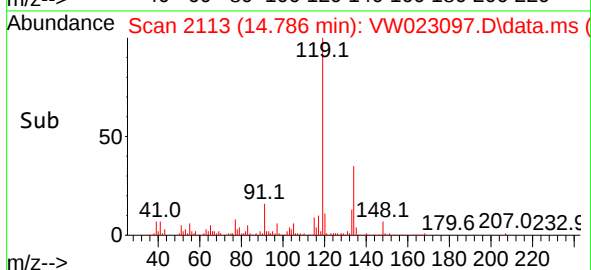
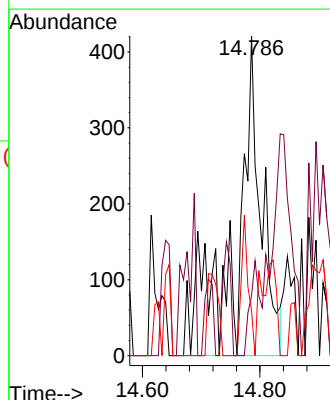
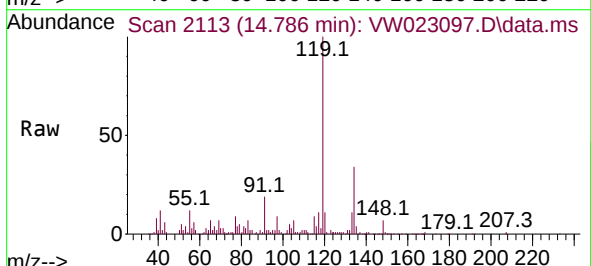
Tgt Ion: 75 Resp: 1284

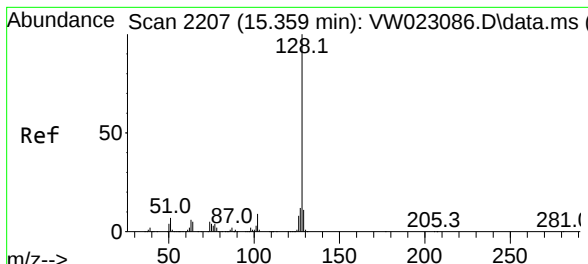
Ion Ratio Lower Upper

75 100

155 18.8 59.3 88.9#

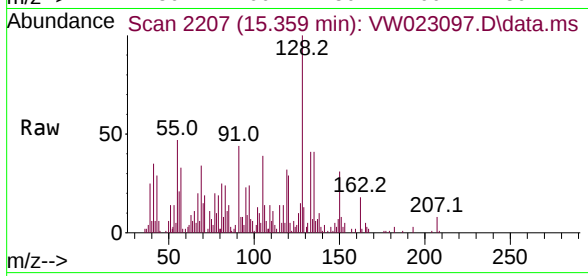
157 14.0 89.8 134.8#





#71
 Naphthalene
 Concen: 2.264 ug/L
 RT: 15.359 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW023097.D
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Tgt Ion:128 Resp: 9807

Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.6	16.0#
129	8.8	8.7	13.1

