

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023172.D
 Acq On : 19 May 2022 14:41
 Operator : SY/VA
 Sample : N2929-04
 Misc : 7.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF8

Quant Time: May 20 01:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

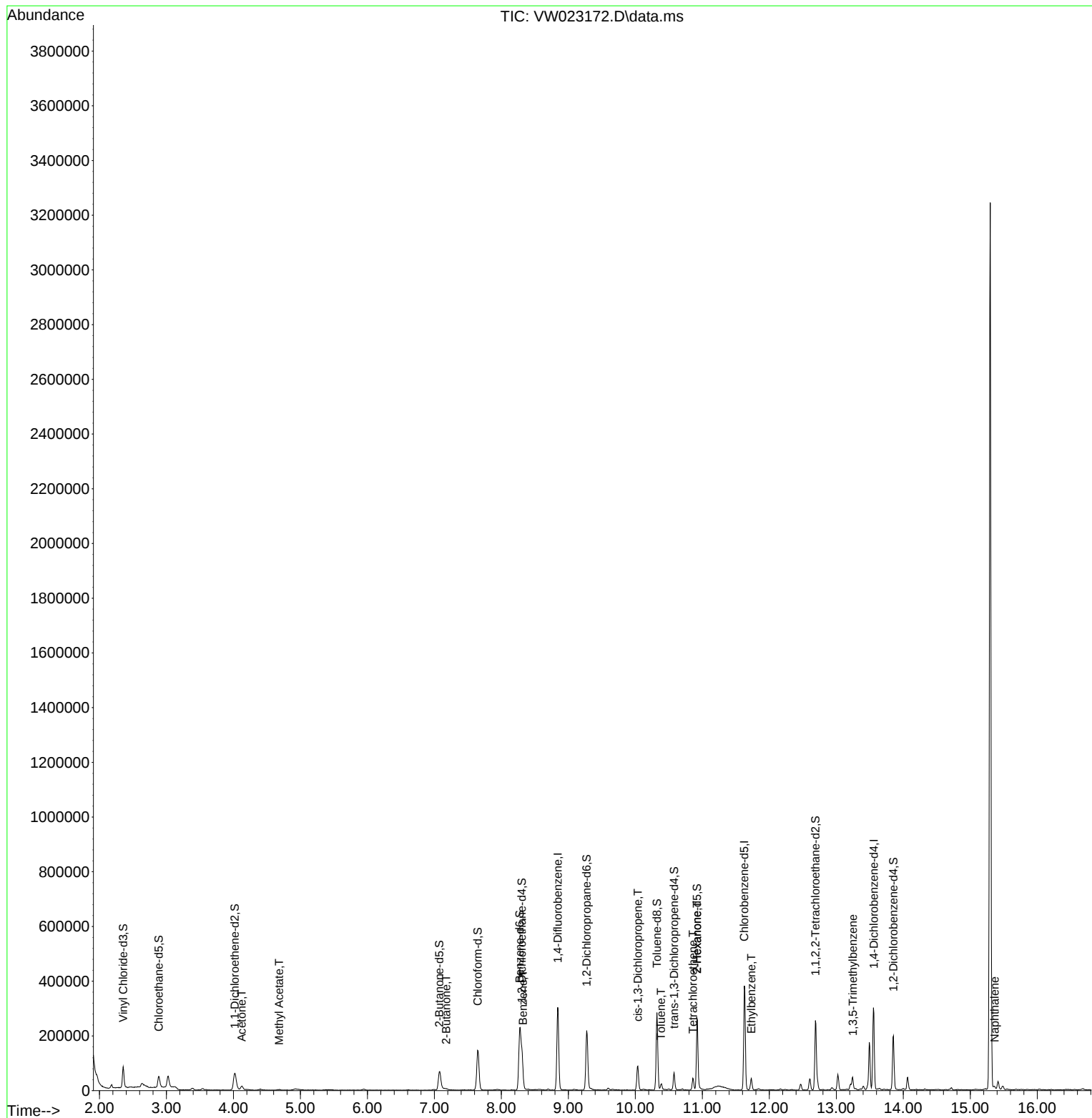
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	255044	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	214271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	73856	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	57292	10.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.800%
7) Chloroethane-d5	2.885	69	48636	14.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.160%
11) 1,1-Dichloroethene-d2	4.019	63	59549	8.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.240%#
21) 2-Butanone-d5	7.073	46	109766	110.330	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	220.660%#
24) Chloroform-d	7.646	84	145019	19.408	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.640%
26) 1,2-Dichloroethane-d4	8.305	65	96650	23.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.320%
32) Benzene-d6	8.274	84	233959	18.943	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.760%
36) 1,2-Dichloropropane-d6	9.274	67	83583	24.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.323	98	183542	15.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.520%
43) trans-1,3-Dichloroprop...	10.579	79	32654	20.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.760%
47) 2-Hexanone-d5	10.920	63	89256	134.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	269.540%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118905	36.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	49997	19.365	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.480%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	22883	30.721	ug/L	98
15) Methyl Acetate	4.684	43	3239	2.165	ug/L #	76
22) 2-Butanone	7.177	43	3421	3.284	ug/L	87
33) Benzene	8.323	78	8144	0.645	ug/L	100
39) cis-1,3-Dichloropropene	10.036	75	2513	0.531	ug/L	84
42) Toluene	10.384	91	15524	1.097	ug/L	82
46) Tetrachloroethene	10.859	164	8582	3.290	ug/L	99
48) 2-Hexanone	10.920	43	11515	8.951	ug/L #	65
52) Ethylbenzene	11.731	91	20648	1.312	ug/L	99
62) 1,3,5-Trimethylbenzene	13.249	105	2870	0.510	ug/L	100
71) Naphthalene	15.365	128	8189	1.562	ug/L #	89

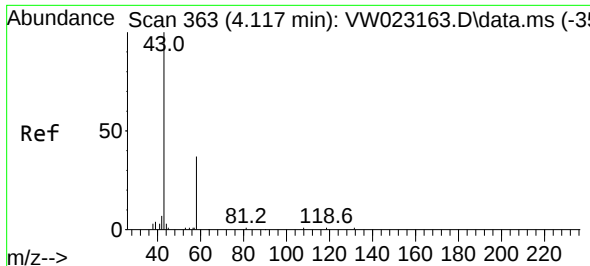
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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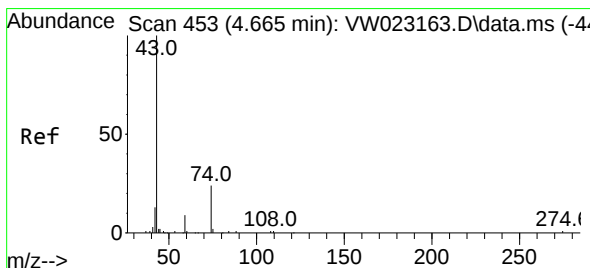
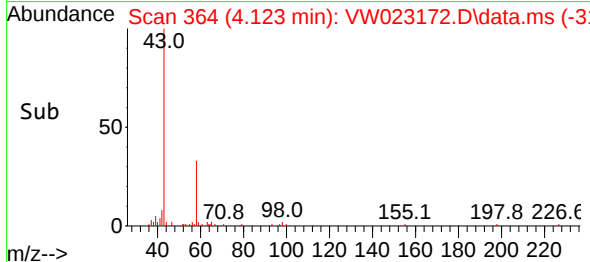
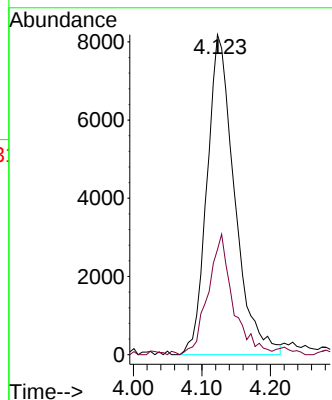
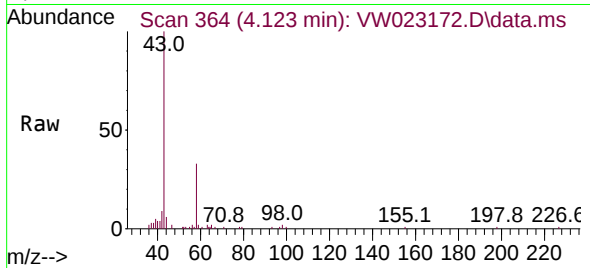




#13
Acetone
Concen: 30.721 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023172.D
Acq: 19 May 2022 14:41

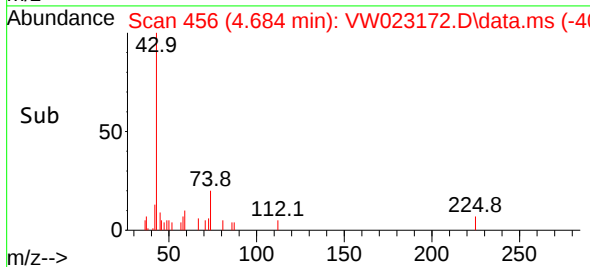
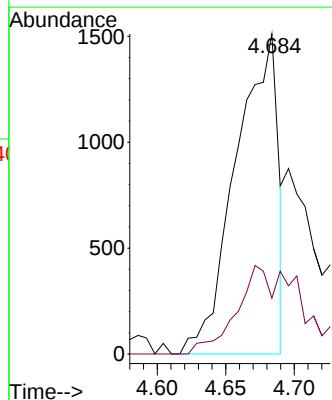
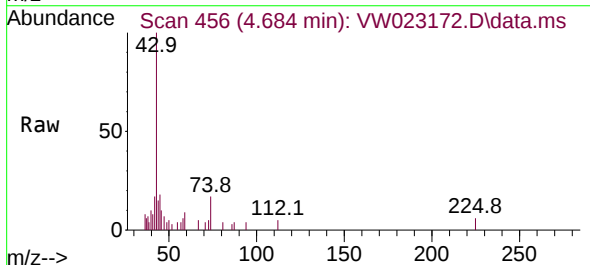
Instrument :
MSVOA_W
ClientSampleId :
DBTF8

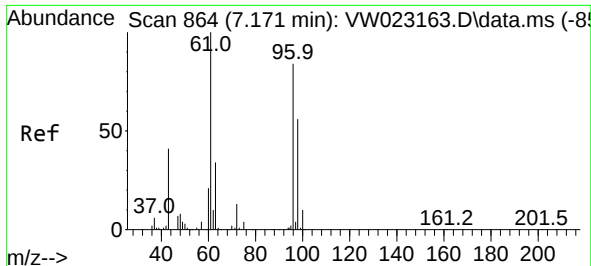
Tgt Ion: 43 Resp: 22883
Ion Ratio Lower Upper
43 100
58 33.1 0.0 64.0



#15
Methyl Acetate
Concen: 2.165 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.018 min
Lab File: VW023172.D
Acq: 19 May 2022 14:41

Tgt Ion: 43 Resp: 3239
Ion Ratio Lower Upper
43 100
74 14.7 21.9 32.9#

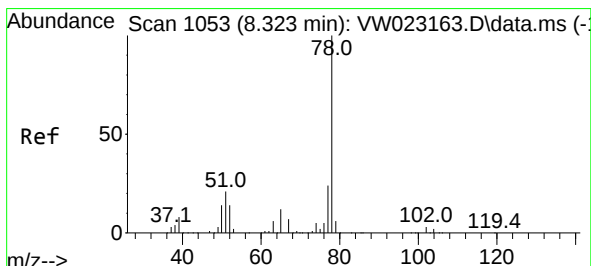
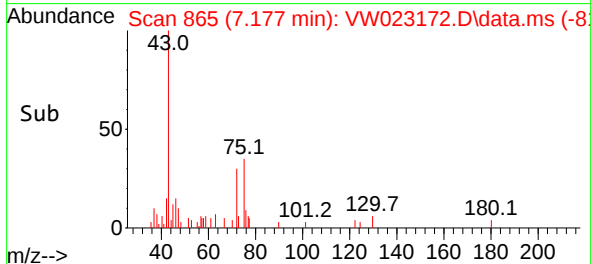
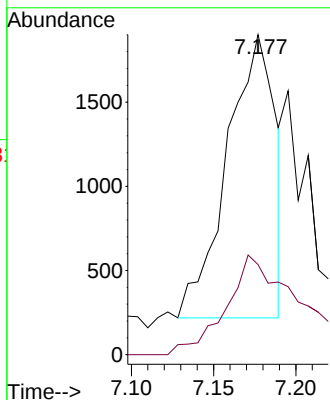
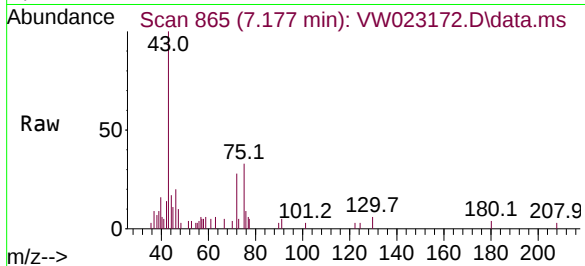




#22
2-Butanone
Concen: 3.284 ug/L
RT: 7.177 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW023172.D
Acq: 19 May 2022 14:41

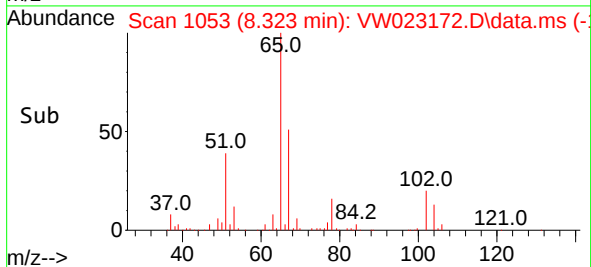
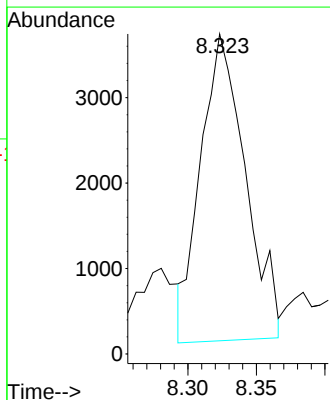
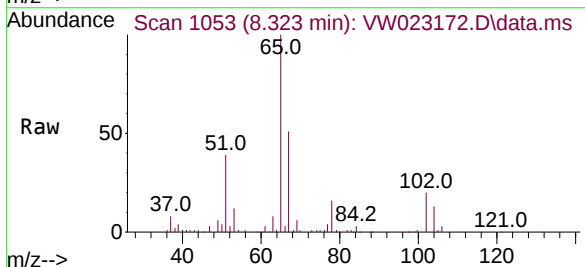
Instrument :
MSVOA_W
ClientSampleId :
DBTF8

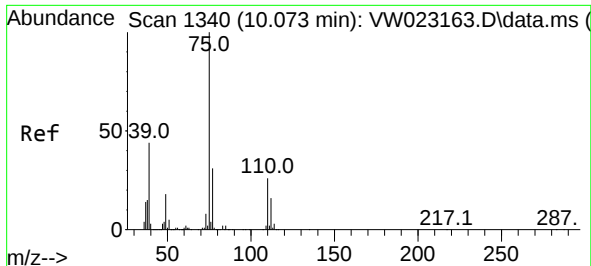
Tgt Ion: 43 Resp: 3421
Ion Ratio Lower Upper
43 100
72 23.2 15.1 45.3



#33
Benzene
Concen: 0.645 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023172.D
Acq: 19 May 2022 14:41

Tgt Ion: 78 Resp: 8144





#39

cis-1,3-Dichloropropene

Concen: 0.531 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW023172.D

Acq: 19 May 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

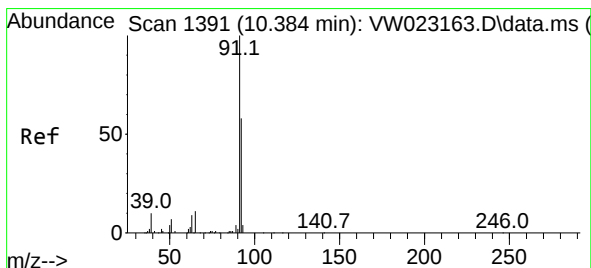
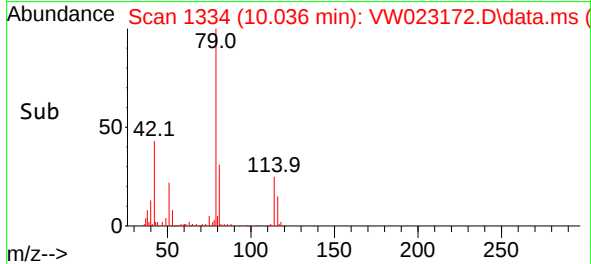
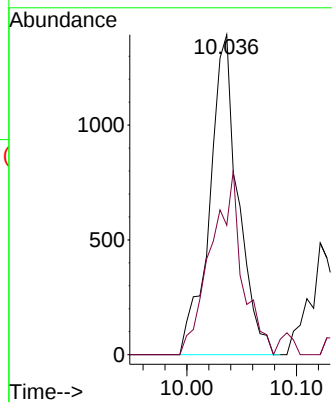
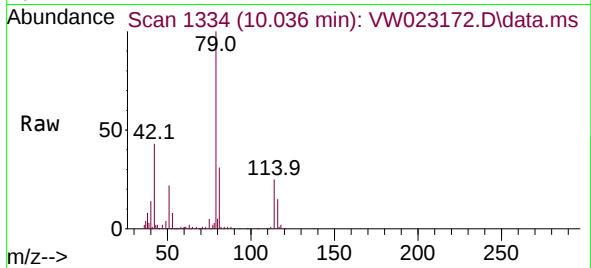
DBTF8

Tgt Ion: 75 Resp: 2513

Ion Ratio Lower Upper

75 100

77 40.5 22.1 41.1



#42

Toluene

Concen: 1.097 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023172.D

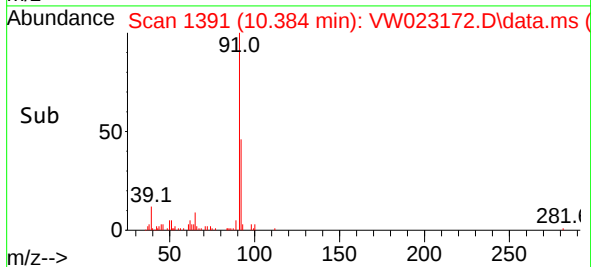
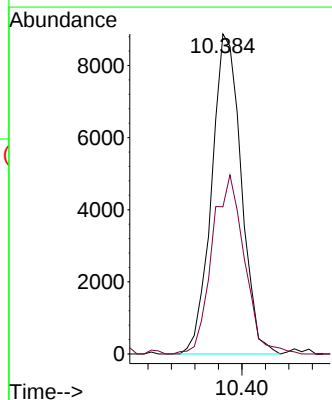
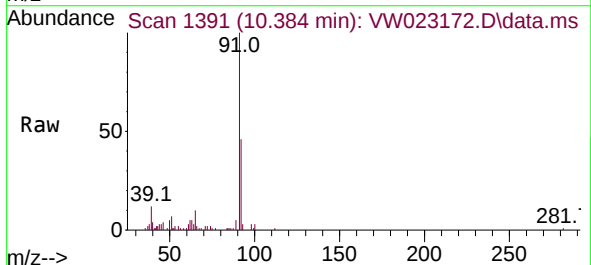
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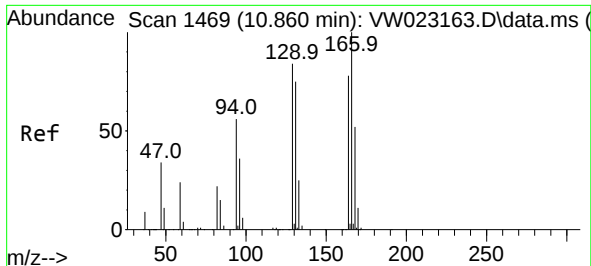
Tgt Ion: 91 Resp: 15524

Ion Ratio Lower Upper

91 100

92 46.0 41.6 77.2

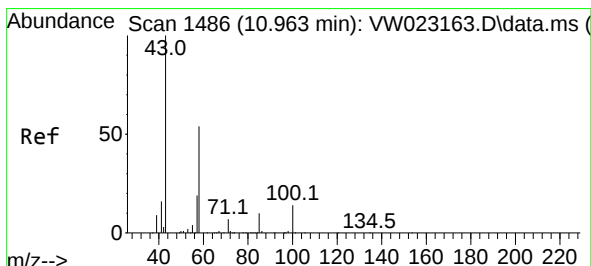
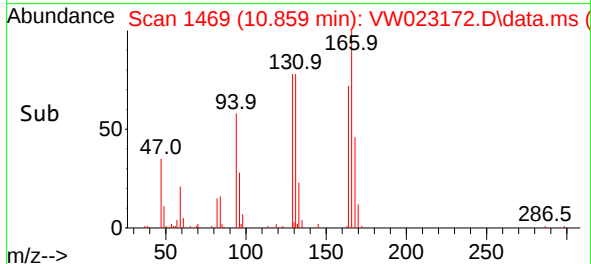
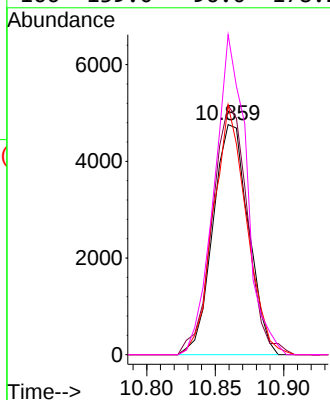
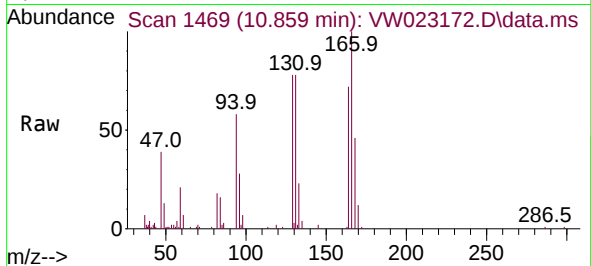




#46
Tetrachloroethene
Concen: 3.290 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023172.D
Acq: 19 May 2022 14:41

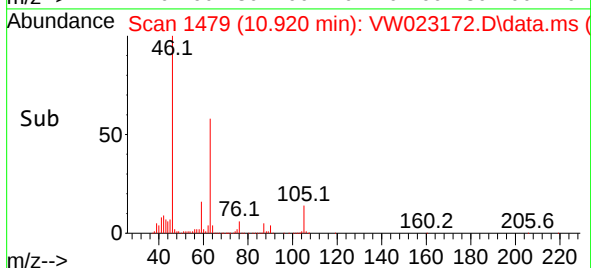
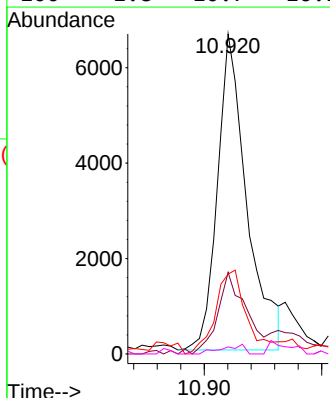
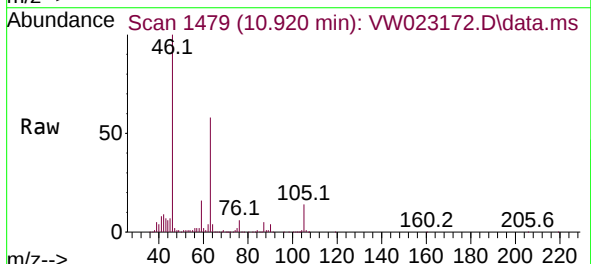
Instrument :
MSVOA_W
ClientSampleId :
DBTF8

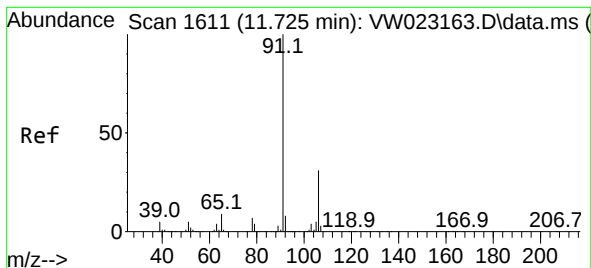
Tgt Ion:164 Resp: 8582
Ion Ratio Lower Upper
164 100
129 108.3 76.9 142.7
131 108.6 75.1 139.5
166 139.0 96.0 178.2



#48
2-Hexanone
Concen: 8.951 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.043 min
Lab File: VW023172.D
Acq: 19 May 2022 14:41

Tgt Ion: 43 Resp: 11515
Ion Ratio Lower Upper
43 100
58 24.8 45.9 68.9#
57 26.0 16.2 24.2#
100 1.8 10.7 16.1#





#52

Ethylbenzene

Concen: 1.312 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023172.D

Acq: 19 May 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

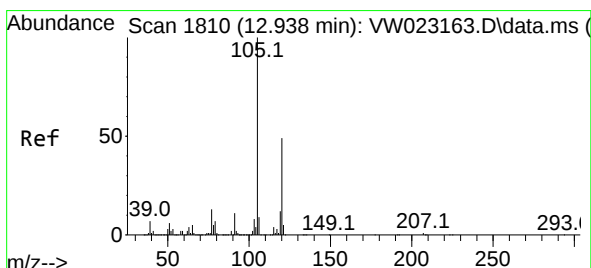
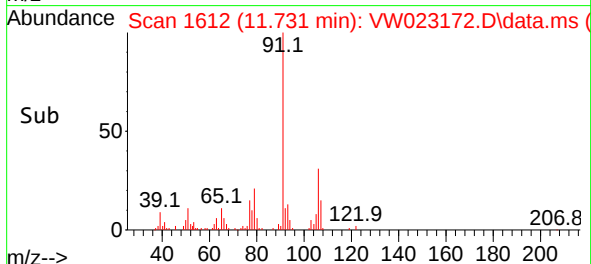
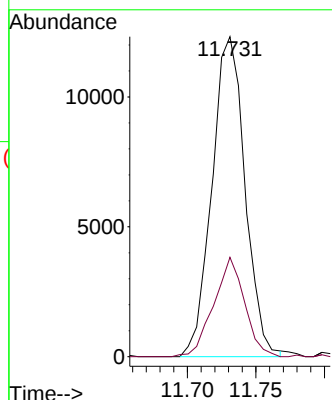
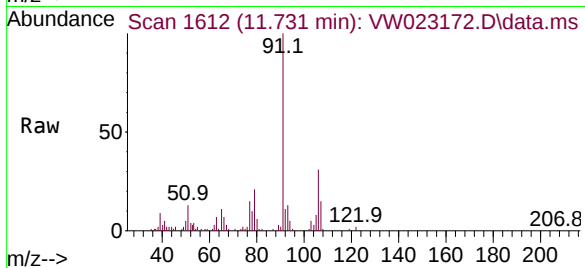
DBTF8

Tgt Ion: 91 Resp: 20648

Ion Ratio Lower Upper

91 100

106 31.0 22.3 41.3



#62

1,3,5-Trimethylbenzene

Concen: 0.510 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.311 min

Lab File: VW023172.D

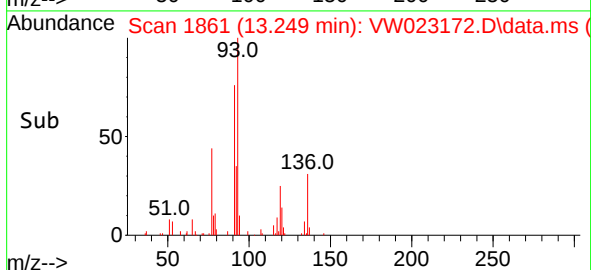
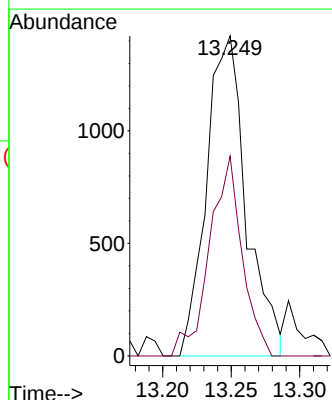
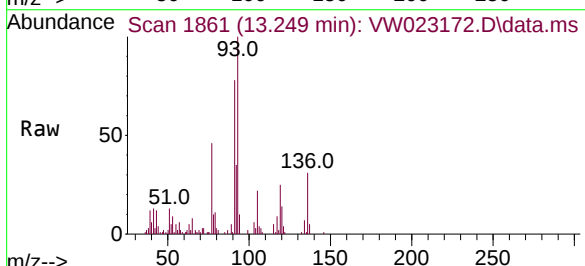
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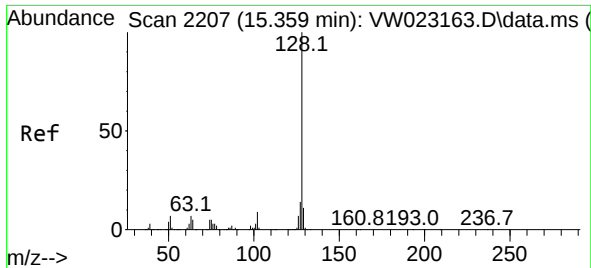
Tgt Ion:105 Resp: 2870

Ion Ratio Lower Upper

105 100

120 48.7 38.9 58.3





#71
Naphthalene
Concen: 1.562 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
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Acq: 19 May 2022 14:41

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Tgt Ion:128 Resp: 8189
Ion Ratio Lower Upper
128 100
127 18.2 10.6 16.0#
129 14.3 8.7 13.1#

