

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023078.D
 Acq On : 17 May 2022 02:20
 Operator : SY/VA
 Sample : N2843-05
 Misc : 5.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H5

Quant Time: May 17 03:14:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 02:41:35 2022
 Response via : Initial Calibration

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

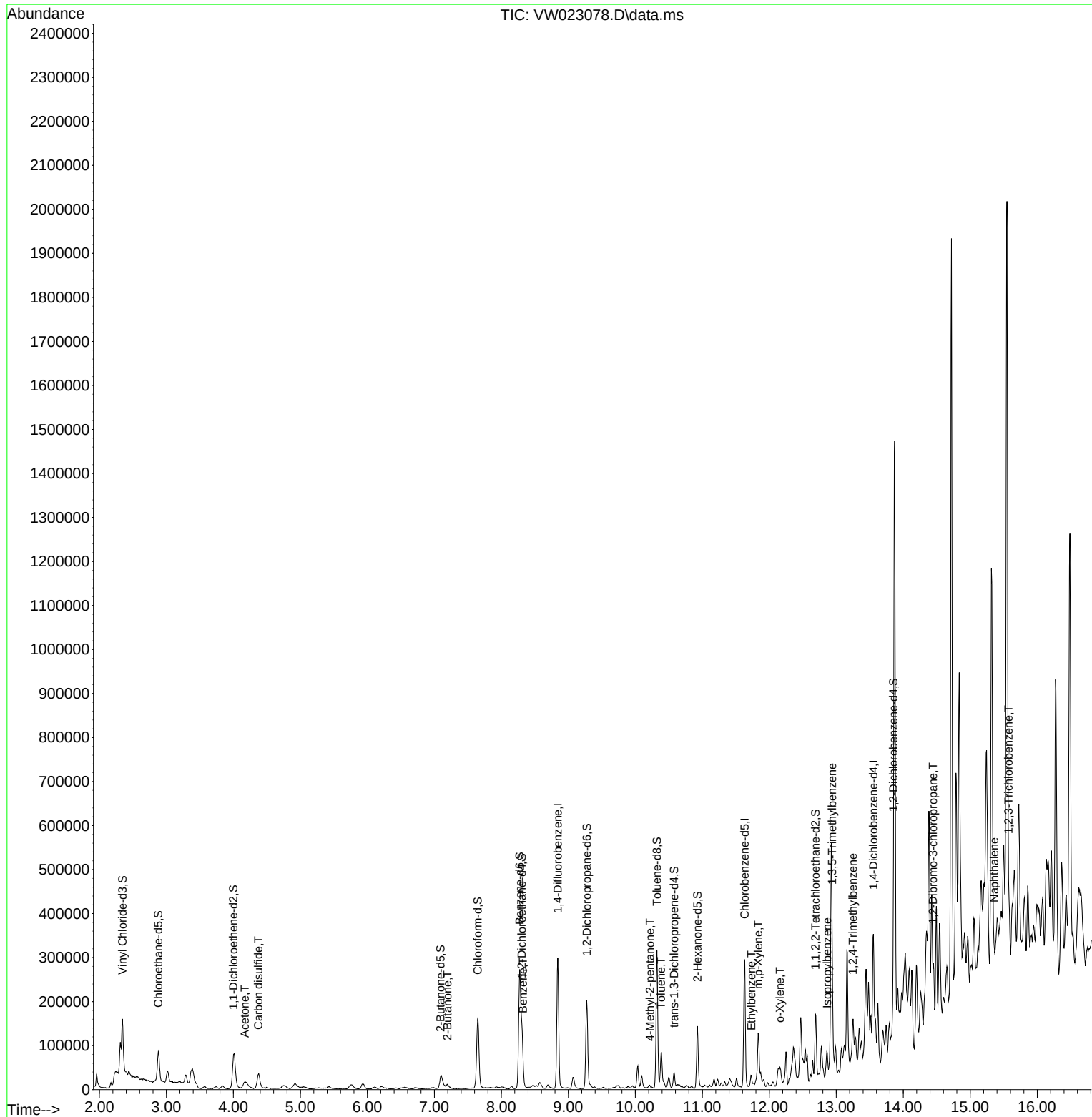
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	241822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	164455	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	44294	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	95403	19.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.920%
7) Chloroethane-d5	2.879	69	77602	24.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	4.001	63	77993	12.166	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.680%
21) 2-Butanone-d5	7.092	46	54647	57.931	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.860%
24) Chloroform-d	7.647	84	157934	22.292	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	8.305	65	91772	23.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.480%
32) Benzene-d6	8.275	84	276240	29.142	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.560%
36) 1,2-Dichloropropane-d6	9.275	67	86820	32.606	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.440%#
41) Toluene-d8	10.323	98	200491	21.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	10.579	79	17817	14.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.120%
47) 2-Hexanone-d5	10.927	63	44479	87.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	175.000%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	63969	25.775	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	32576	21.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.160%
Target Compounds						Qvalue
13) Acetone	4.172	43	36215	51.278	ug/L	80
14) Carbon disulfide	4.373	76	77040	9.073	ug/L	100
22) 2-Butanone	7.196	43	12257	12.410	ug/L	89
33) Benzene	8.324	78	10123	1.045	ug/L	100
40) 4-Methyl-2-pentanone	10.220	43	4810	3.255	ug/L	96
42) Toluene	10.384	91	53527	4.930	ug/L	97
52) Ethylbenzene	11.731	91	15712	1.301	ug/L	98
53) m,p-Xylene	11.835	106	16033	3.369	ug/L	90
54) o-Xylene	12.158	106	9046	1.981	ug/L	81
60) Isopropylbenzene	12.865	105	21347	3.518	ug/L	92
62) 1,3,5-Trimethylbenzene	12.939	105	21175	6.272	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	59518	11.742	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.444	75	1241	6.416	ug/L #	24
71) Naphthalene	15.359	128	18477	5.877	ug/L #	83
72) 1,2,3-Trichlorobenzene	15.572	180	1843	1.437	ug/L #	28

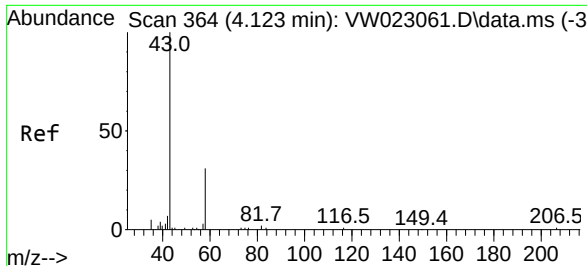
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 51.278 ug/L

RT: 4.172 min Scan# 3

Delta R.T. 0.049 min

Lab File: VW023078.D

Acq: 17 May 2022 02:20

Instrument :

MSVOA_W

ClientSampleId :

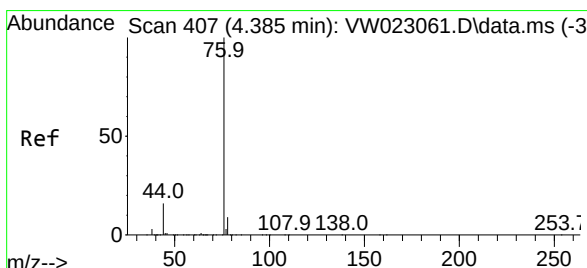
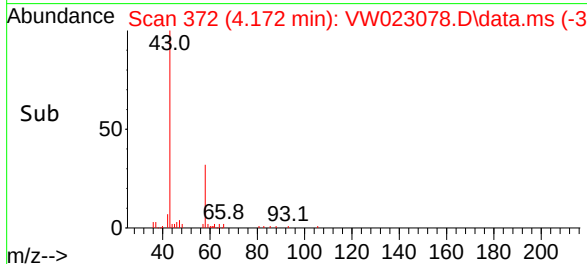
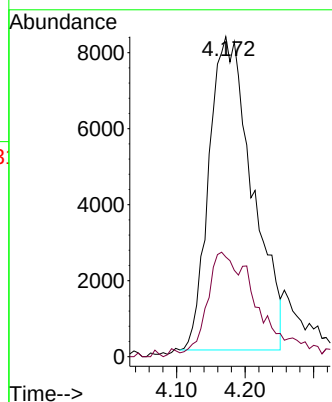
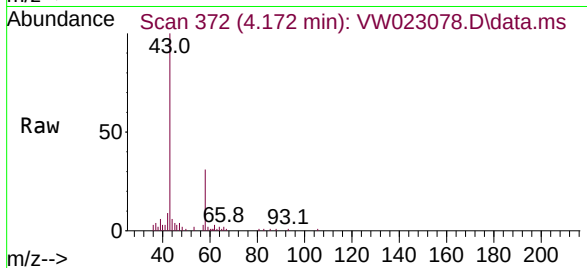
EW4H5

Tgt Ion: 43 Resp: 36215

Ion Ratio Lower Upper

43 100

58 20.8 0.0 64.0



#14

Carbon disulfide

Concen: 9.073 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.012 min

Lab File: VW023078.D

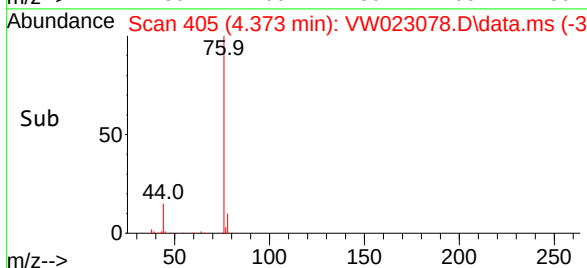
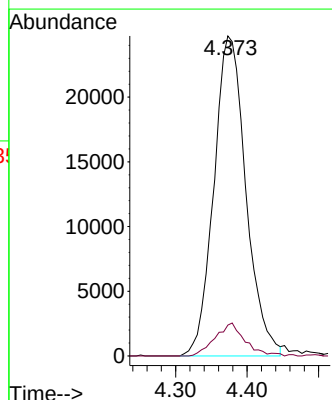
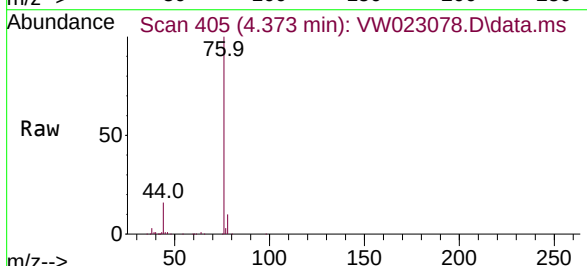
Acq: 17 May 2022 02:20

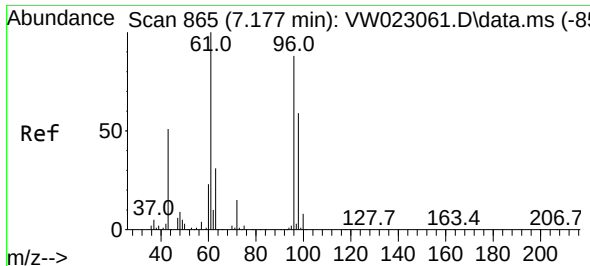
Tgt Ion: 76 Resp: 77040

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

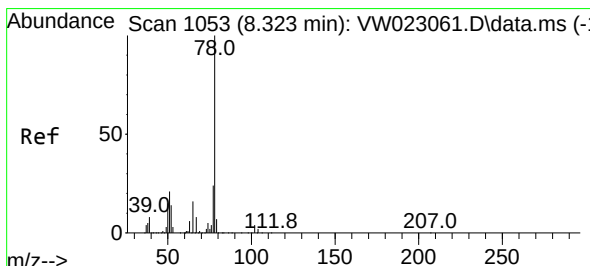
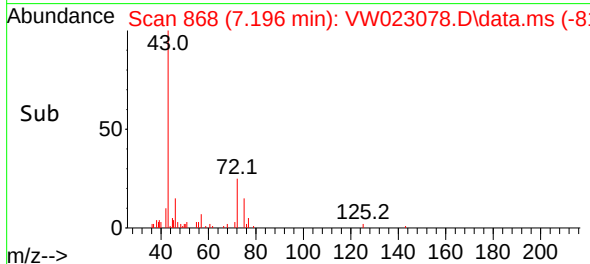
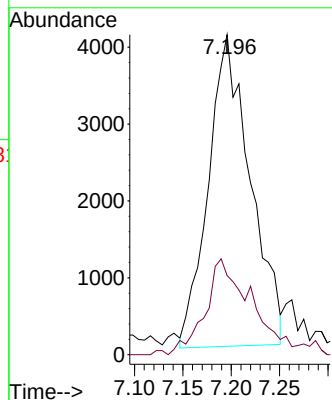
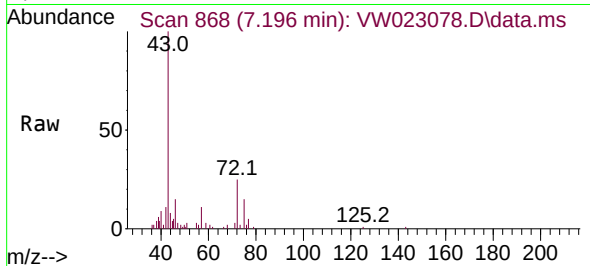




#22
2-Butanone
Concen: 12.410 ug/L
RT: 7.196 min Scan# 868
Delta R.T. 0.018 min
Lab File: VW023078.D
Acq: 17 May 2022 02:20

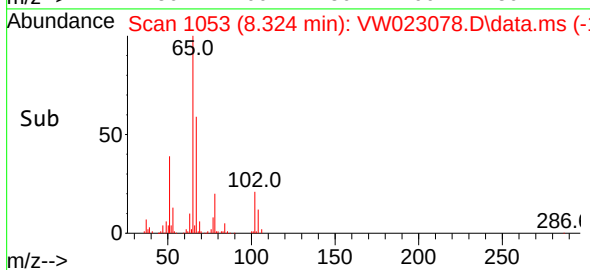
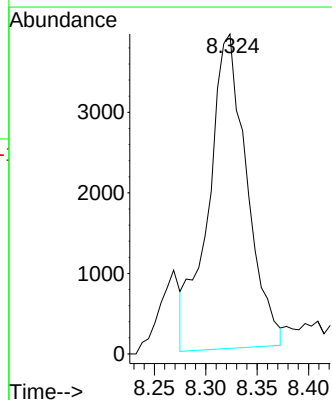
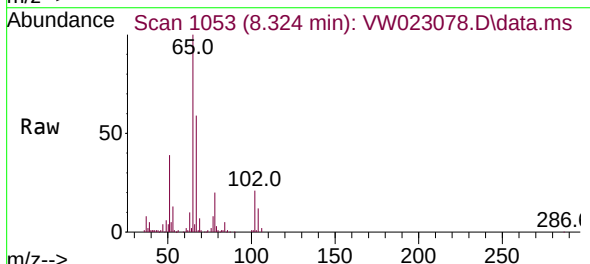
Instrument :
MSVOA_W
ClientSampleId :
EW4H5

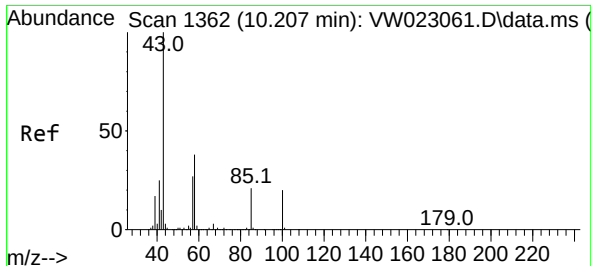
Tgt Ion: 43 Resp: 12257
Ion Ratio Lower Upper
43 100
72 24.1 15.1 45.3



#33
Benzene
Concen: 1.045 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023078.D
Acq: 17 May 2022 02:20

Tgt Ion: 78 Resp: 10123





#40

4-Methyl-2-pentanone

Concen: 3.255 ug/L

RT: 10.220 min Scan# 1364

Delta R.T. 0.012 min

Lab File: VW023078.D

Acq: 17 May 2022 02:20

Instrument :

MSVOA_W

ClientSampleId :

EW4H5

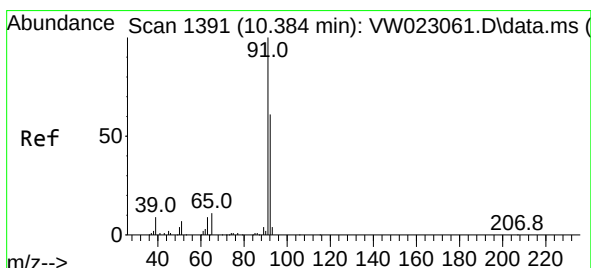
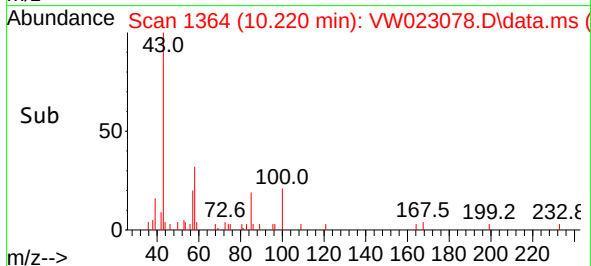
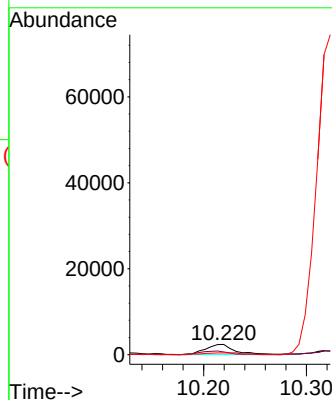
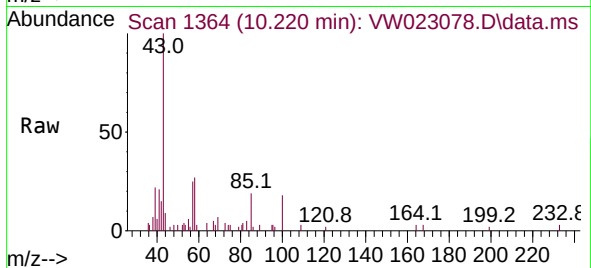
Tgt Ion: 43 Resp: 4810

Ion Ratio Lower Upper

43 100

58 36.1 31.4 47.2

100 17.1 14.2 21.4



#42

Toluene

Concen: 4.930 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023078.D

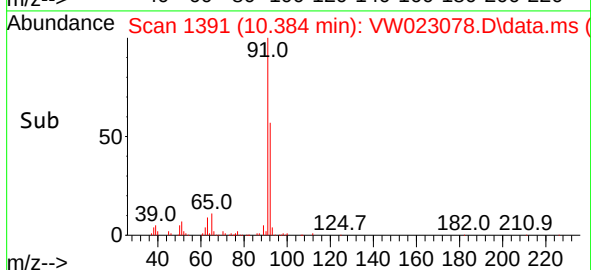
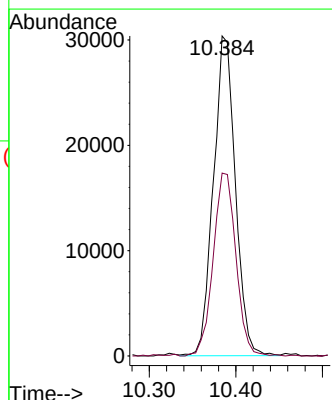
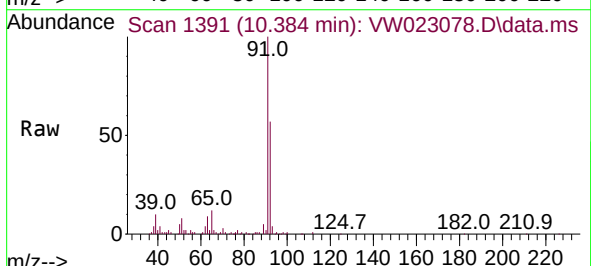
Acq: 17 May 2022 02:20

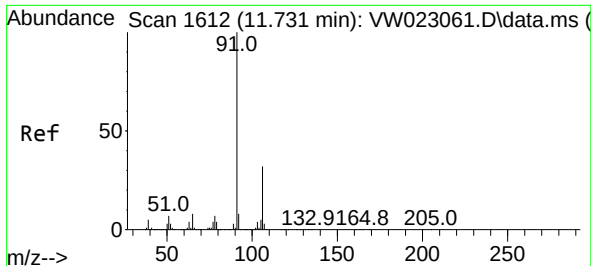
Tgt Ion: 91 Resp: 53527

Ion Ratio Lower Upper

91 100

92 57.2 41.6 77.2

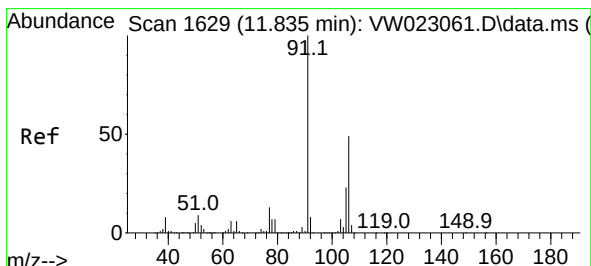
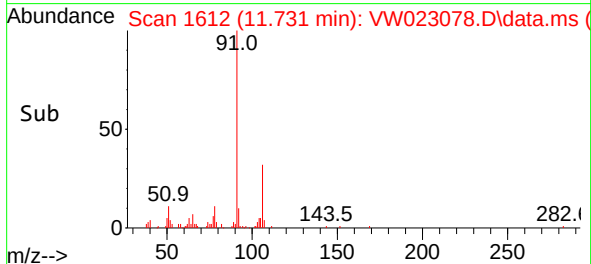
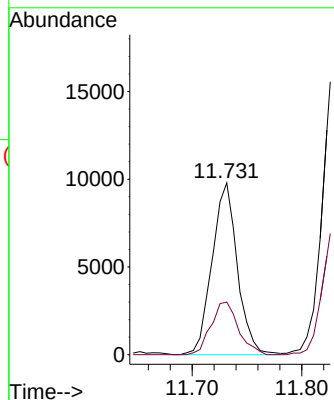
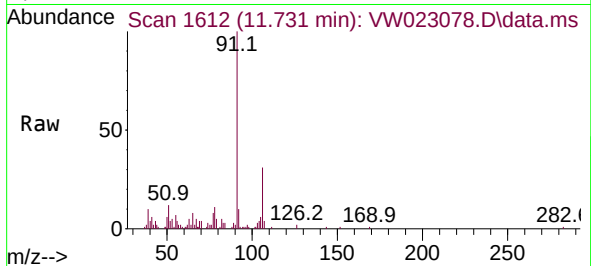




#52
Ethylbenzene
Concen: 1.301 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023078.D
Acq: 17 May 2022 02:20

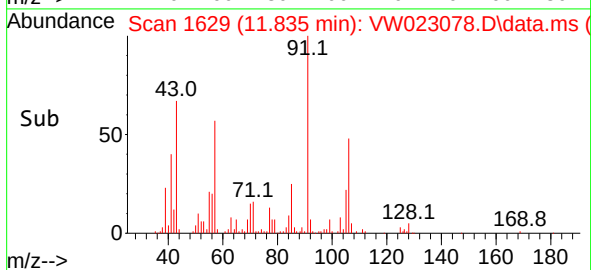
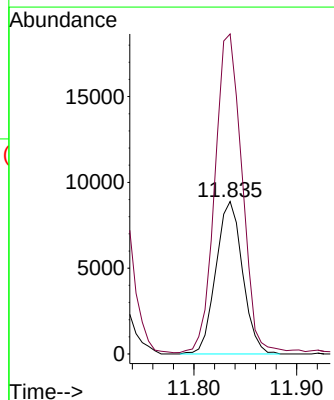
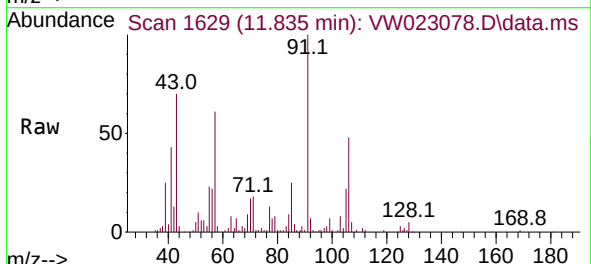
Instrument :
MSVOA_W
ClientSampleId :
EW4H5

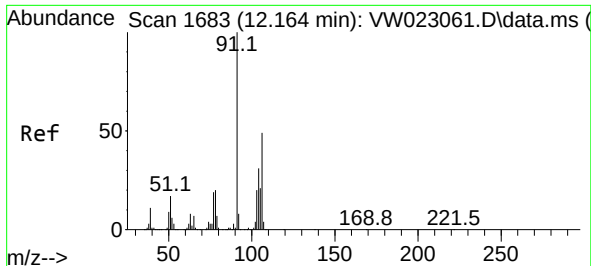
Tgt Ion: 91 Resp: 15712
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.3



#53
m,p-Xylene
Concen: 3.369 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023078.D
Acq: 17 May 2022 02:20

Tgt Ion: 106 Resp: 16033
Ion Ratio Lower Upper
106 100
91 209.9 136.8 254.0

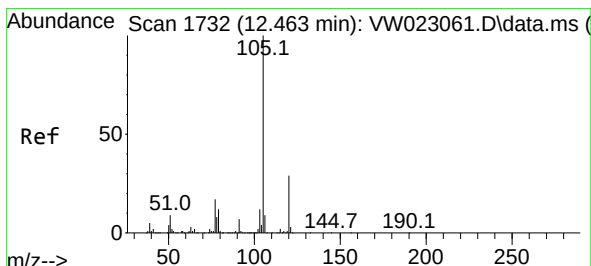
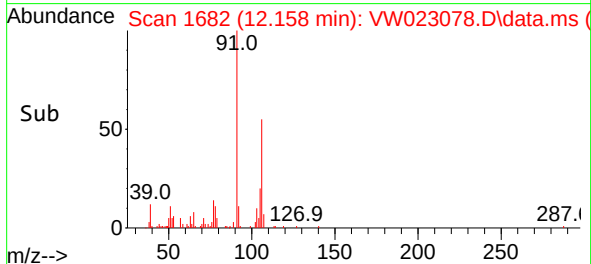
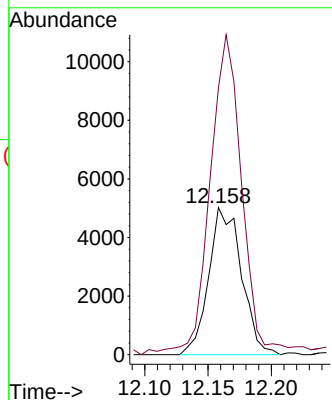
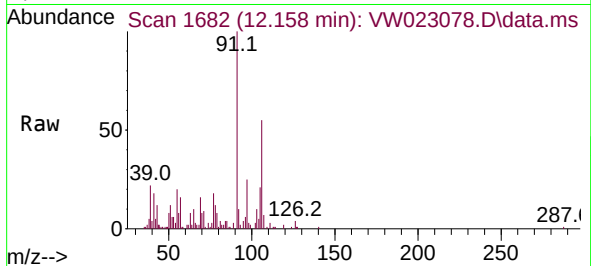




#54
o-Xylene
Concen: 1.981 ug/L
RT: 12.158 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023078.D
Acq: 17 May 2022 02:20

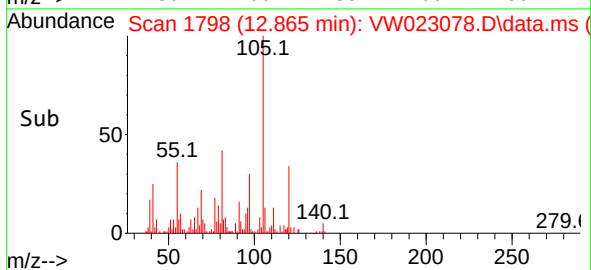
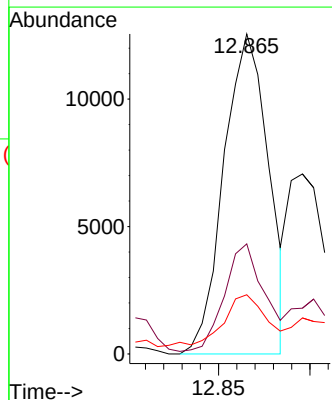
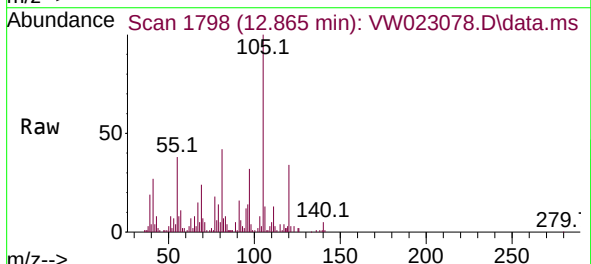
Instrument :
MSVOA_W
ClientSampleId :
EW4H5

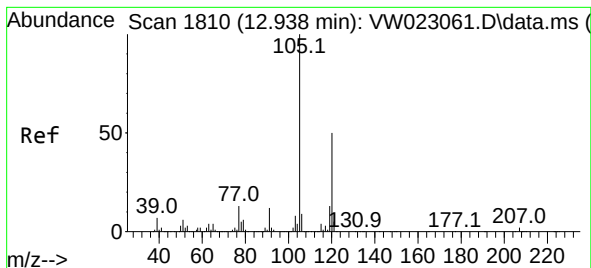
Tgt Ion:106 Resp: 9046
Ion Ratio Lower Upper
106 100
91 181.3 147.2 273.4



#60
Isopropylbenzene
Concen: 3.518 ug/L
RT: 12.865 min Scan# 1798
Delta R.T. 0.403 min
Lab File: VW023078.D
Acq: 17 May 2022 02:20

Tgt Ion:105 Resp: 21347
Ion Ratio Lower Upper
105 100
120 31.6 21.3 31.9
77 14.1 12.6 19.0





#62

1,3,5-Trimethylbenzene

Concen: 6.272 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023078.D

Acq: 17 May 2022 02:20

Instrument :

MSVOA_W

ClientSampleId :

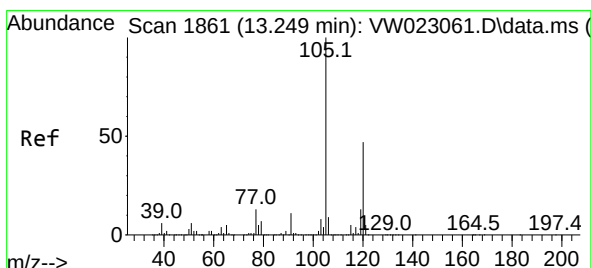
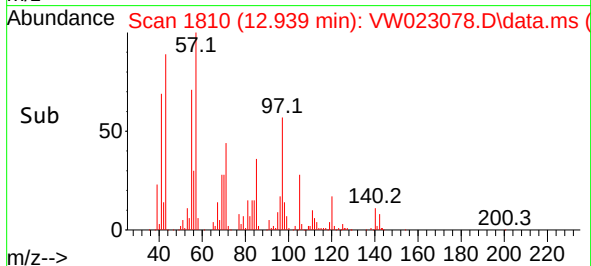
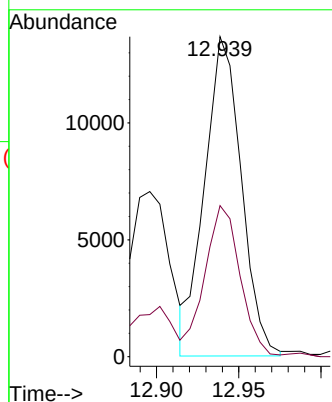
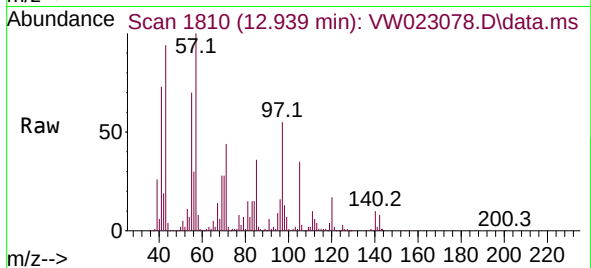
EW4H5

Tgt Ion:105 Resp: 21175

Ion Ratio Lower Upper

105 100

120 45.7 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 11.742 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023078.D

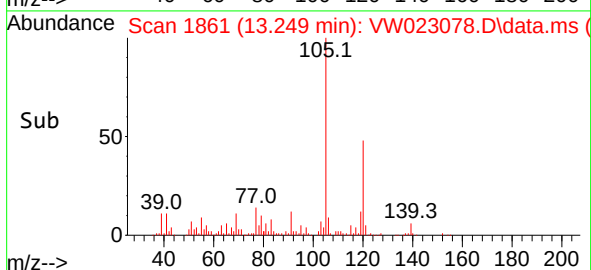
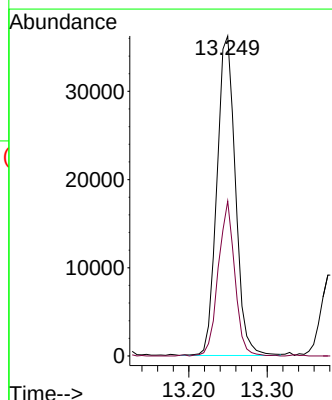
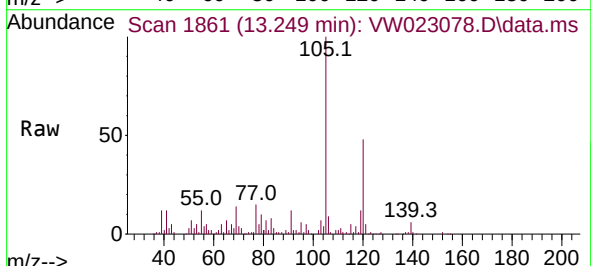
Acq: 17 May 2022 02:20

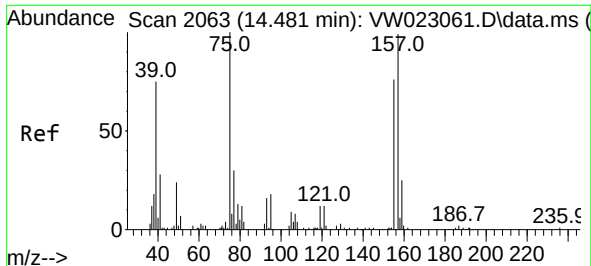
Tgt Ion:105 Resp: 59518

Ion Ratio Lower Upper

105 100

120 43.3 37.4 56.2

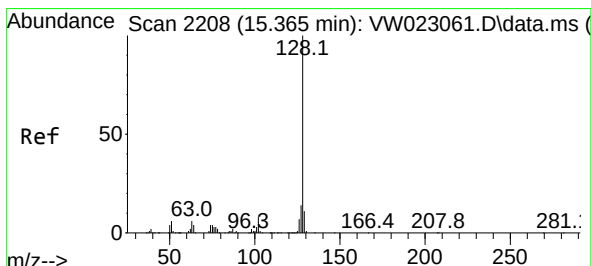
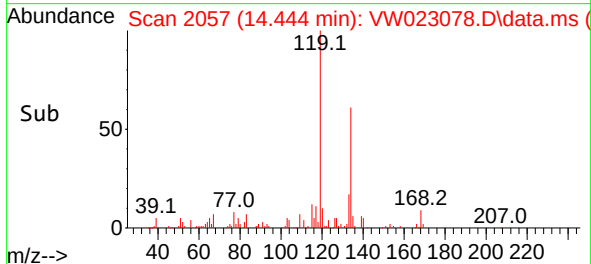
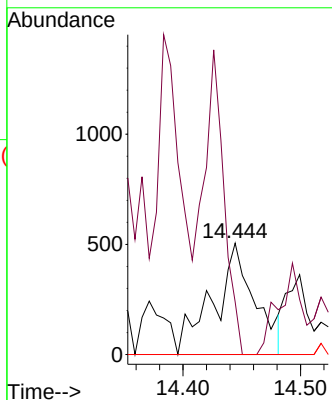
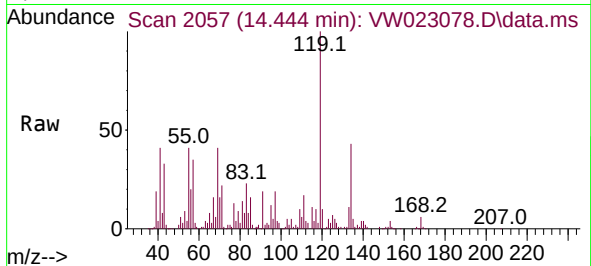




#68
1,2-Dibromo-3-chloropropane
Concen: 6.416 ug/L
RT: 14.444 min Scan# 2063
Delta R.T. -0.036 min
Lab File: VW023078.D
Acq: 17 May 2022 02:20

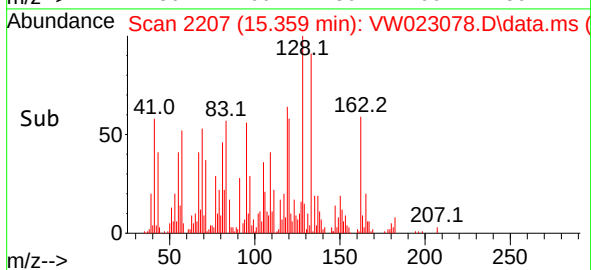
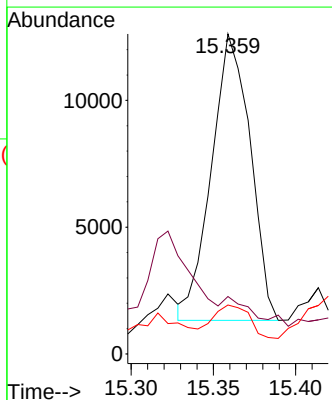
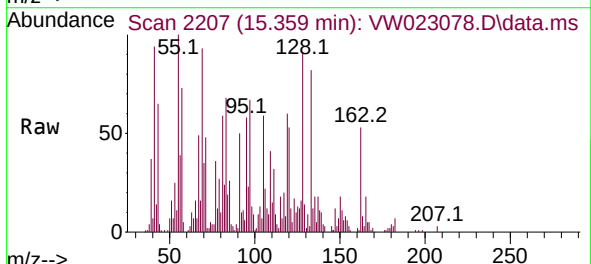
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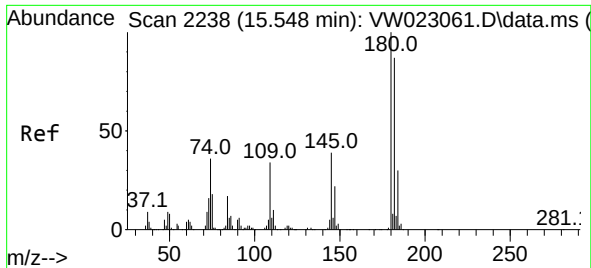
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Ion Ratio Lower Upper
75 100
155 47.2 59.3 88.9#
157 0.0 89.8 134.8#



#71
Naphthalene
Concen: 5.877 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW023078.D
Acq: 17 May 2022 02:20

Tgt Ion: 128 Resp: 18477
Ion Ratio Lower Upper
128 100
127 0.9 10.6 16.0#
129 10.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.437 ug/L
 RT: 15.572 min Scan# 21
 Delta R.T. 0.025 min
 Lab File: VW023078.D
 Acq: 17 May 2022 02:20

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H5

Tgt Ion	Ratio	Lower	Upper
180	100		
182	165.1	73.5	110.3#
145	0.0	27.9	41.9#

