

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022466.D
 Acq On : 08 Apr 2022 16:07
 Operator : SY/VA
 Sample : N2293-14
 Misc : 6.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNP2

Quant Time: Apr 08 23:35:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 23:31:17 2022
 Response via : Initial Calibration

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

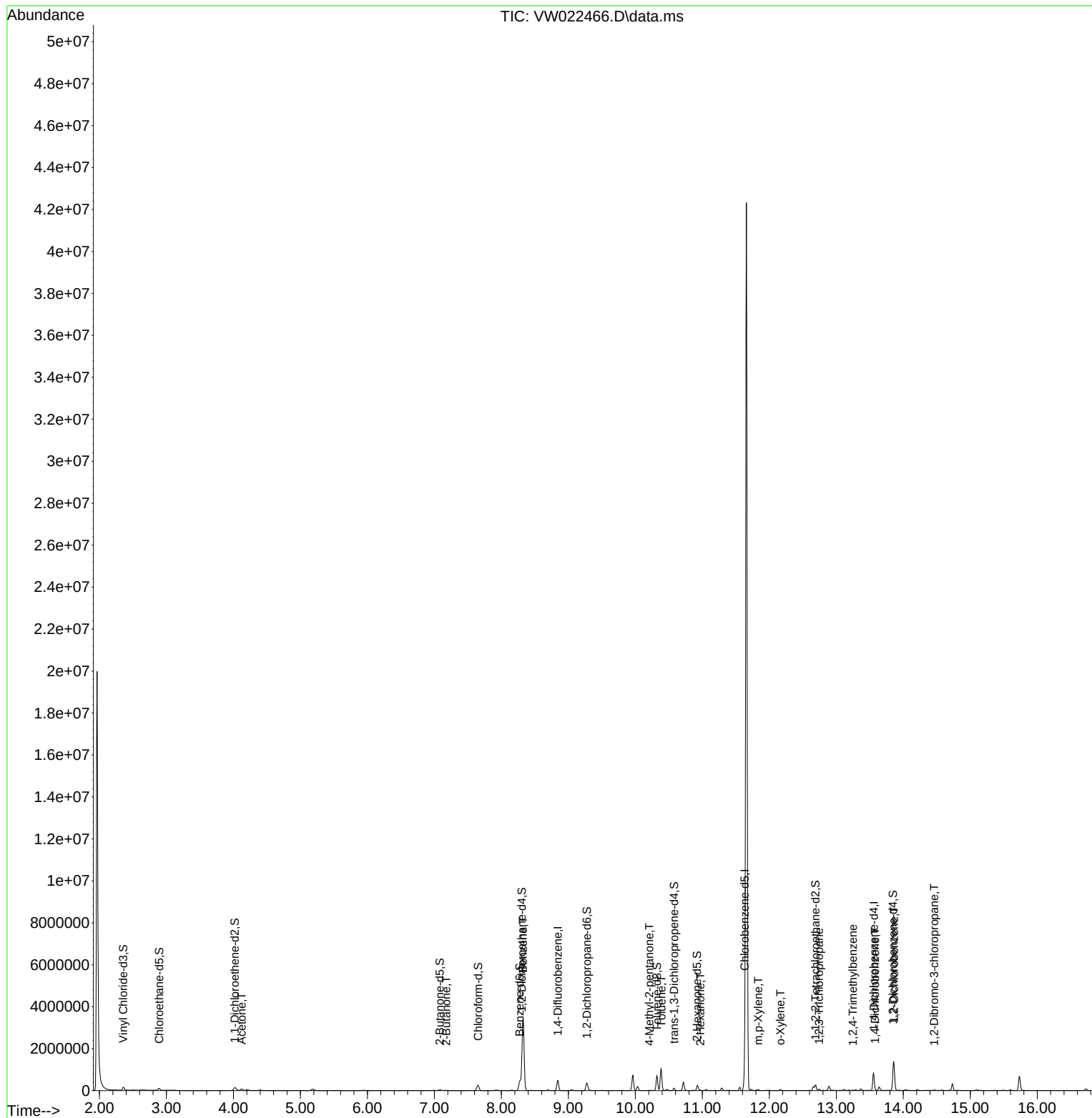
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	382565	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	411497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	188832	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144684	17.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.440%
7) Chloroethane-d5	2.891	69	102639	19.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
11) 1,1-Dichloroethene-d2	4.019	63	138422	12.619	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.480%
21) 2-Butanone-d5	7.080	46	62079	42.044	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.080%
24) Chloroform-d	7.653	84	247689	20.714	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.840%
26) 1,2-Dichloroethane-d4	8.305	65	146166	21.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.560%
32) Benzene-d6	8.274	84	455241	18.108	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.440%
36) 1,2-Dichloropropane-d6	9.274	67	144491	19.860	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.440%
41) Toluene-d8	10.323	98	438172	17.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	10.579	79	58716	17.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.400%
47) 2-Hexanone-d5	10.920	63	59216	43.746	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122612	19.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.280%
66) 1,2-Dichlorobenzene-d4	13.847	152	153960	23.019	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.080%
Target Compounds						Qvalue
13) Acetone	4.123	43	133458	132.752	ug/L	95
22) 2-Butanone	7.177	43	22825	15.033	ug/L	100
33) Benzene	8.323	78	3284264	117.555	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	7889	1.931	ug/L	96
42) Toluene	10.390	91	306897	9.586	ug/L	98
48) 2-Hexanone	10.969	43	12624	4.381	ug/L #	92
53) m,p-Xylene	11.835	106	12876	0.944	ug/L	79
54) o-Xylene	12.164	106	9358	0.718	ug/L	98
61) 1,2,3-Trichloropropane	12.743	75	3115	0.775	ug/L #	1
63) 1,2,4-Trimethylbenzene	13.249	105	12306	0.469	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	12332	0.971	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	107574	9.449	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.462	75	5365	5.759	ug/L #	12

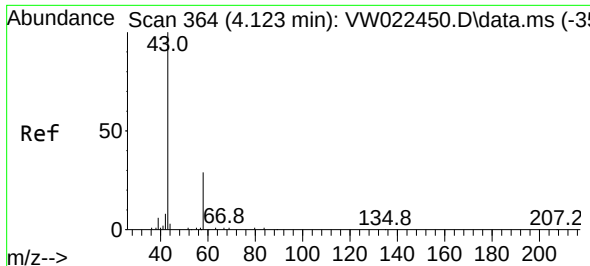
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Apr 08 23:31:17 2022
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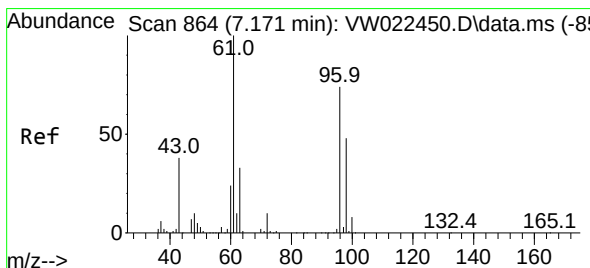
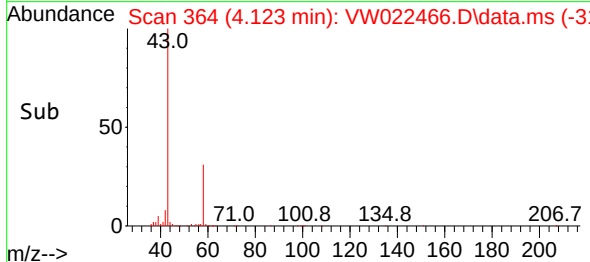
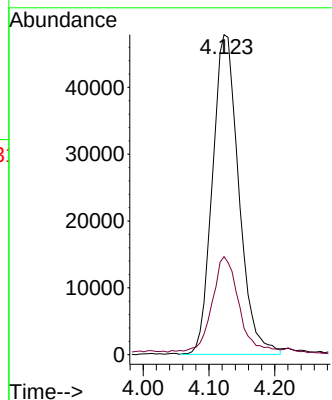
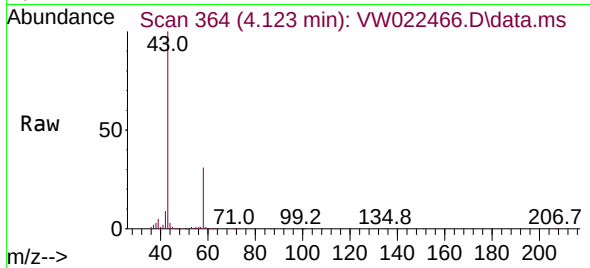




#13
Acetone
Concen: 132.752 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW022466.D
Acq: 08 Apr 2022 16:07

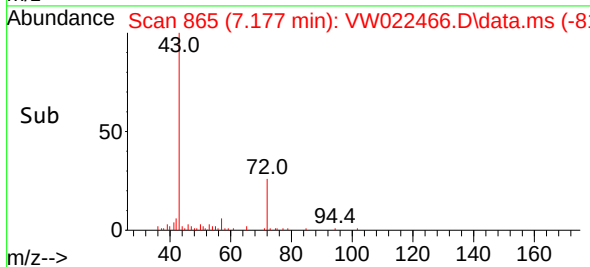
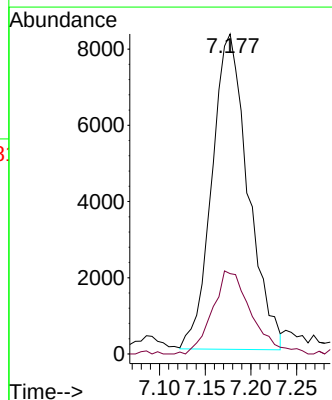
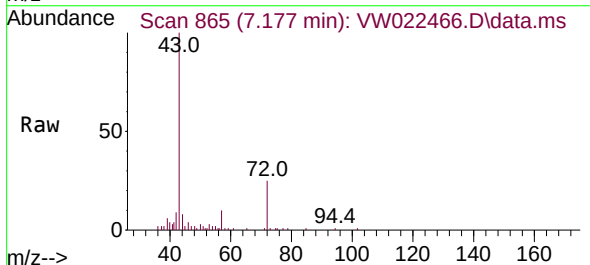
Instrument :
MSVOA_W
ClientSampleId :
ETNP2

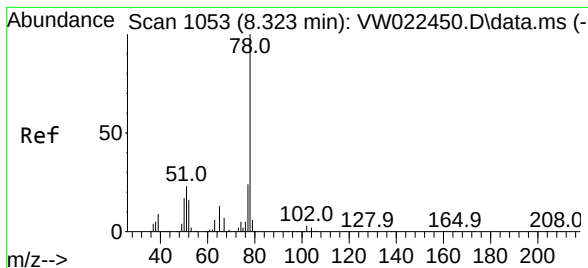
Tgt Ion: 43 Resp: 133458
Ion Ratio Lower Upper
43 100
58 31.1 0.0 57.0



#22
2-Butanone
Concen: 15.033 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022466.D
Acq: 08 Apr 2022 16:07

Tgt Ion: 43 Resp: 22825
Ion Ratio Lower Upper
43 100
72 28.1 14.0 42.0





#33

Benzene

Concen: 117.555 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW022466.D

Acq: 08 Apr 2022 16:07

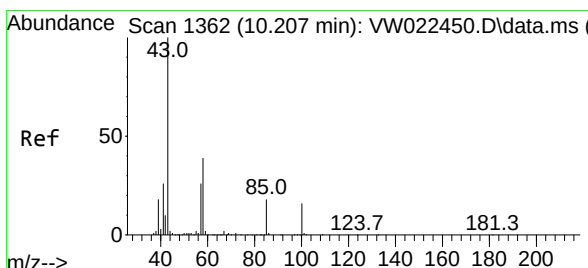
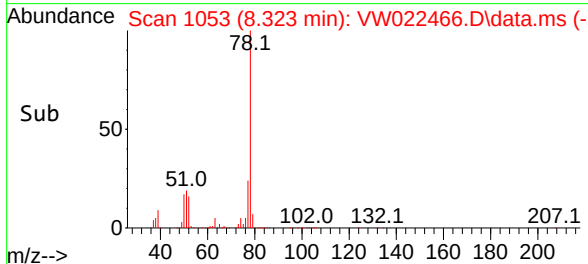
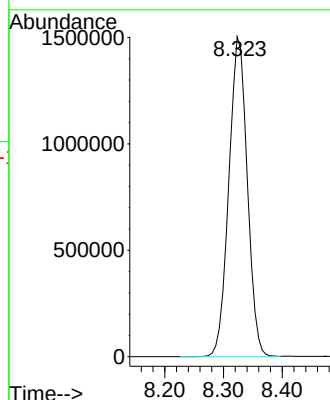
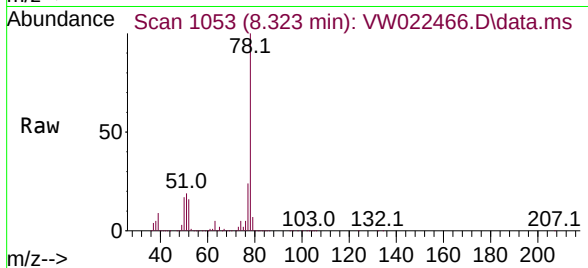
Instrument :

MSVOA_W

ClientSampleId :

ETNP2

Tgt Ion: 78 Resp: 3284264



#40

4-Methyl-2-pentanone

Concen: 1.931 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022466.D

Acq: 08 Apr 2022 16:07

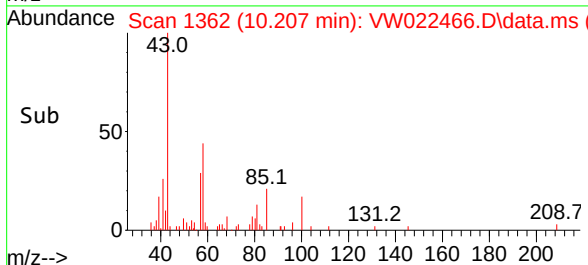
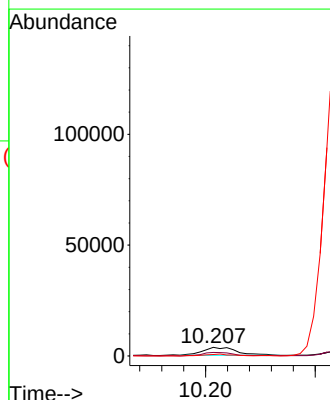
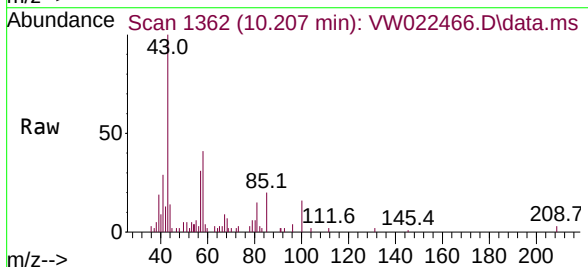
Tgt Ion: 43 Resp: 7889

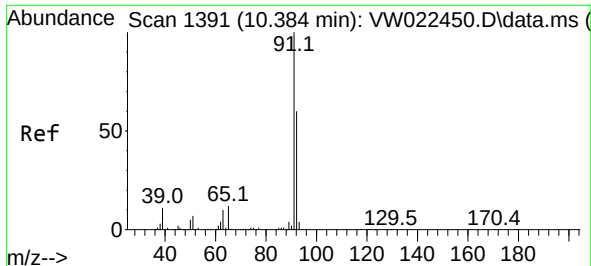
Ion Ratio Lower Upper

43 100

58 38.5 29.3 43.9

100 18.4 12.2 18.4

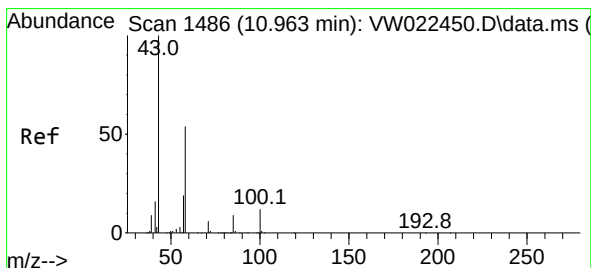
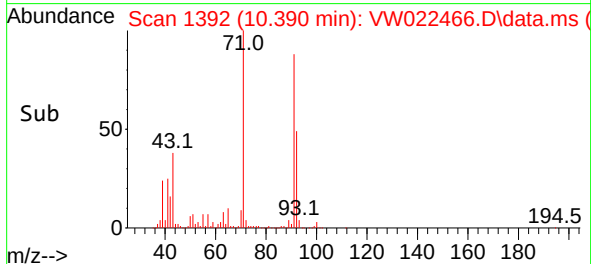
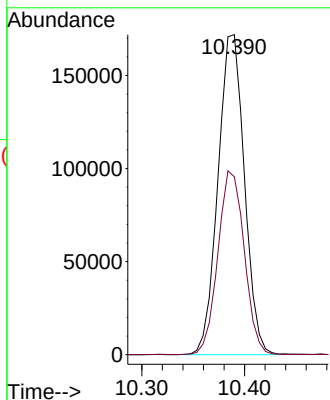
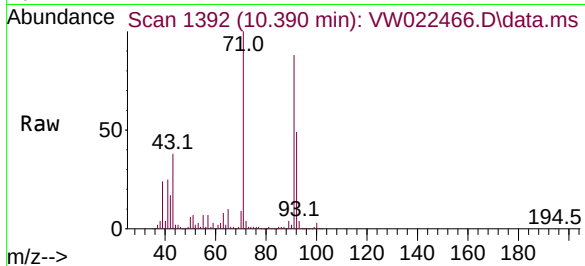




#42
Toluene
Concen: 9.586 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022466.D
Acq: 08 Apr 2022 16:07

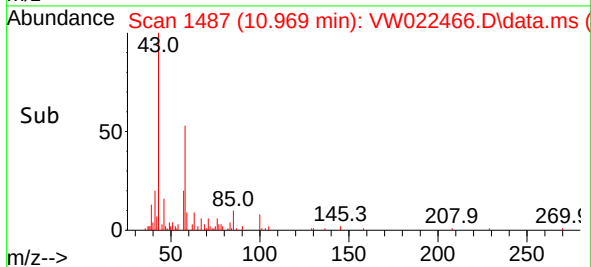
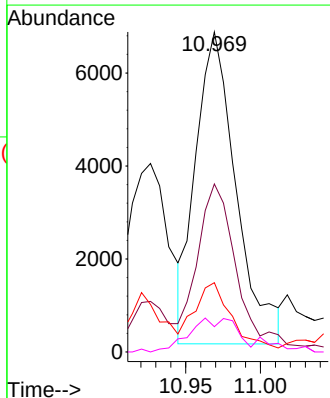
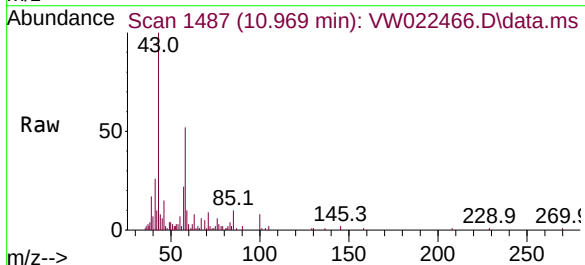
Instrument :
MSVOA_W
ClientSampleId :
ETNP2

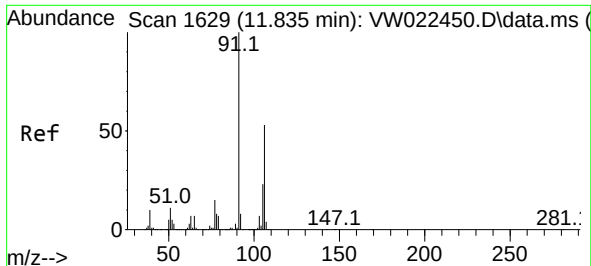
Tgt Ion: 91 Resp: 306897
Ion Ratio Lower Upper
91 100
92 55.6 38.0 70.6



#48
2-Hexanone
Concen: 4.381 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022466.D
Acq: 08 Apr 2022 16:07

Tgt Ion: 43 Resp: 12624
Ion Ratio Lower Upper
43 100
58 46.9 41.6 62.4
57 20.1 14.5 21.7
100 5.2 9.3 13.9#

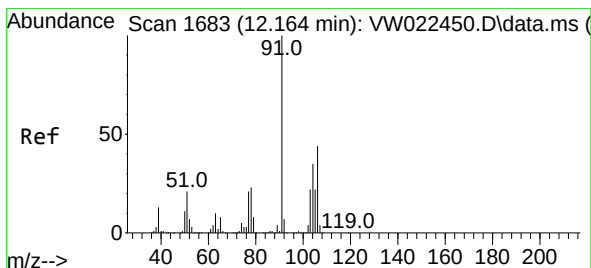
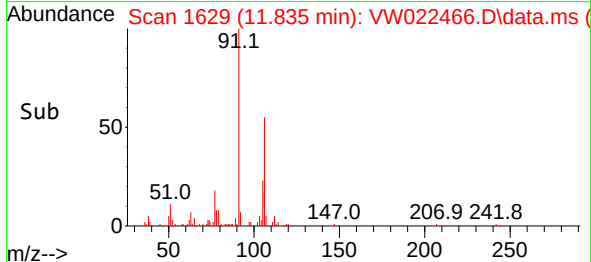
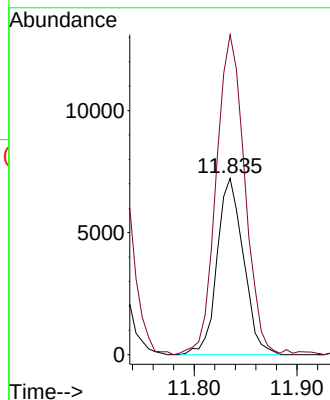
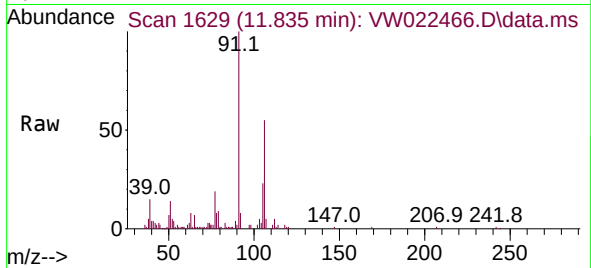




#53
m,p-Xylene
Concen: 0.944 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022466.D
Acq: 08 Apr 2022 16:07

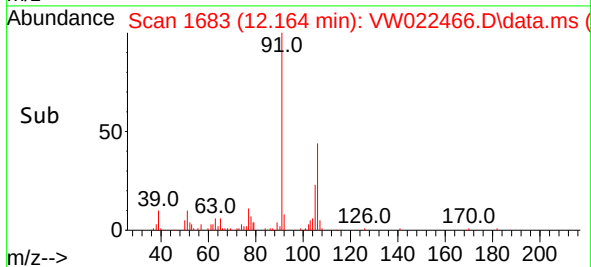
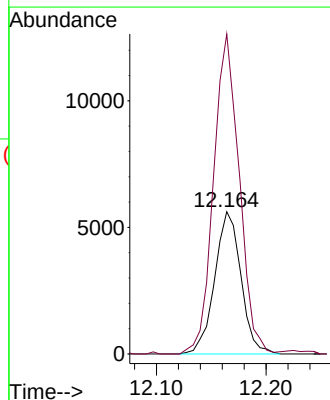
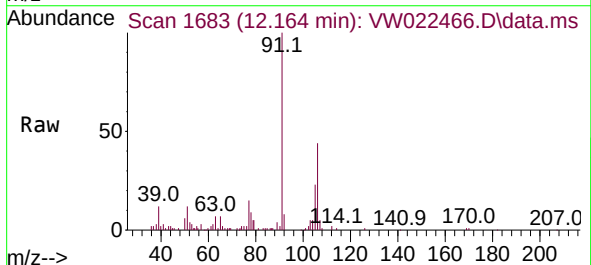
Instrument :
MSVOA_W
ClientSampleId :
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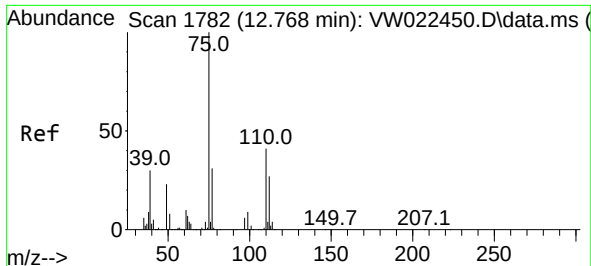
Tgt Ion:106 Resp: 12876
Ion Ratio Lower Upper
106 100
91 181.5 149.9 278.5



#54
o-Xylene
Concen: 0.718 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022466.D
Acq: 08 Apr 2022 16:07

Tgt Ion:106 Resp: 9358
Ion Ratio Lower Upper
106 100
91 225.0 155.3 288.3





#61

1,2,3-Trichloropropane

Concen: 0.775 ug/L

RT: 12.743 min Scan# 1

Delta R.T. -0.025 min

Lab File: VW022466.D

Acq: 08 Apr 2022 16:07

Instrument :

MSVOA_W

ClientSampleId :

ETNP2

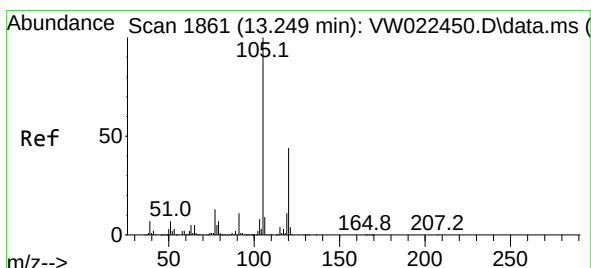
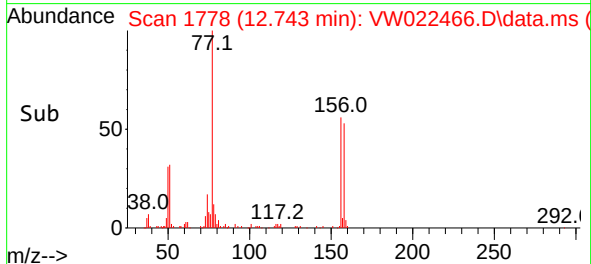
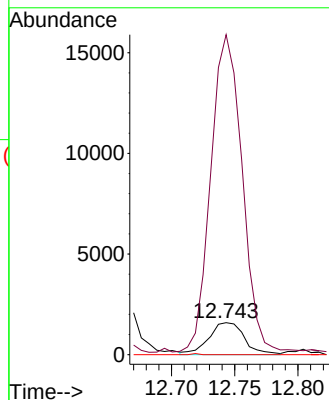
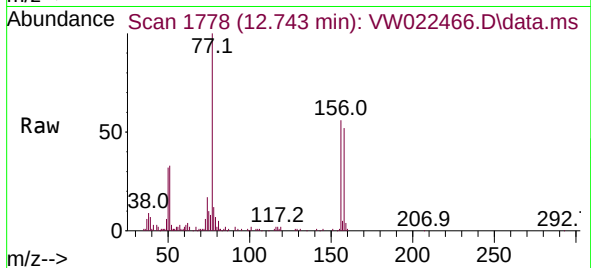
Tgt Ion: 75 Resp: 3115

Ion Ratio Lower Upper

75 100

77 869.7 25.7 38.5#

110 0.0 31.8 47.6#



#63

1,2,4-Trimethylbenzene

Concen: 0.469 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022466.D

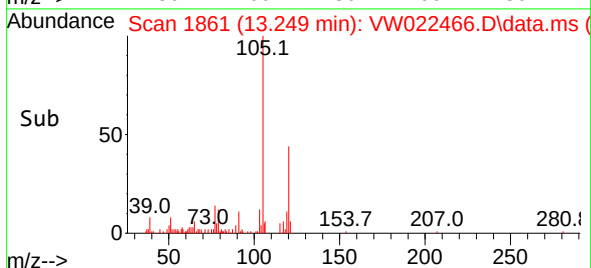
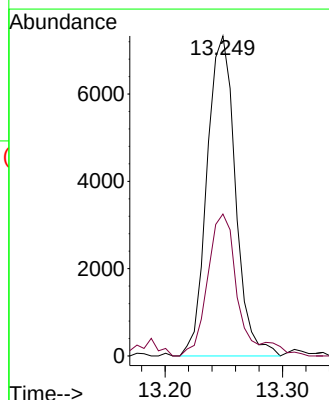
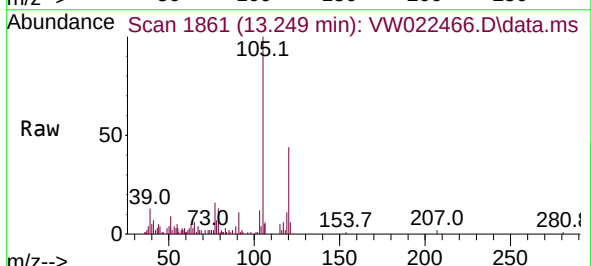
Acq: 08 Apr 2022 16:07

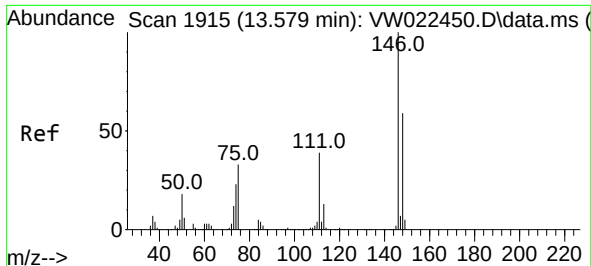
Tgt Ion: 105 Resp: 12306

Ion Ratio Lower Upper

105 100

120 44.4 34.2 51.2

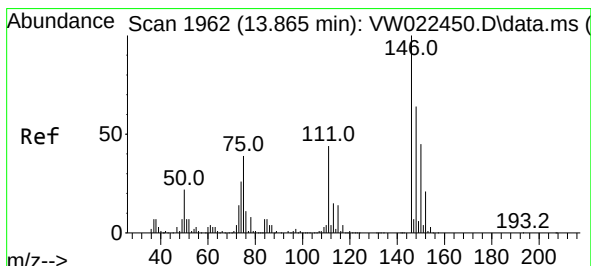
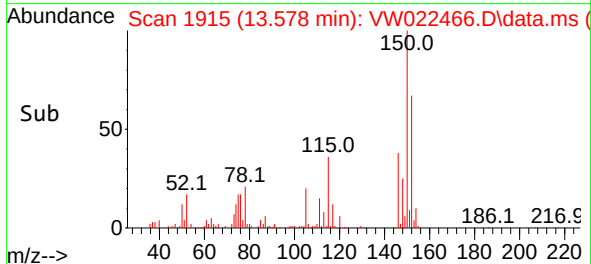
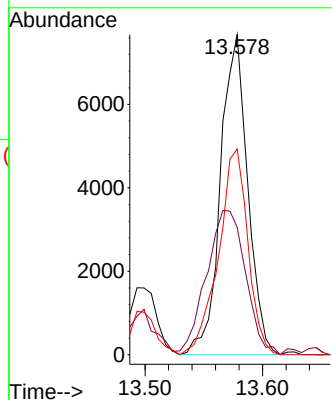
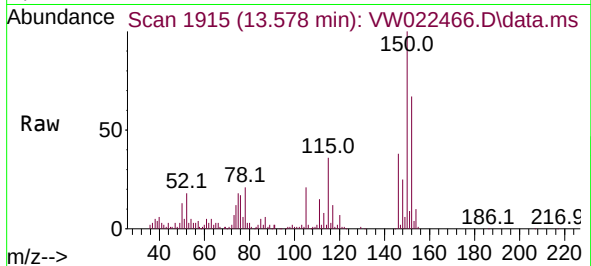




#65
1,4-Dichlorobenzene
Concen: 0.971 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022466.D
Acq: 08 Apr 2022 16:07

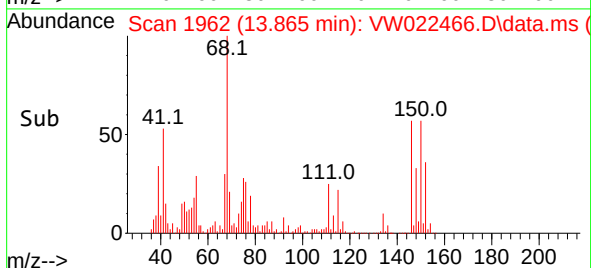
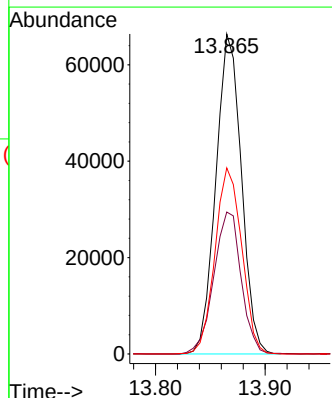
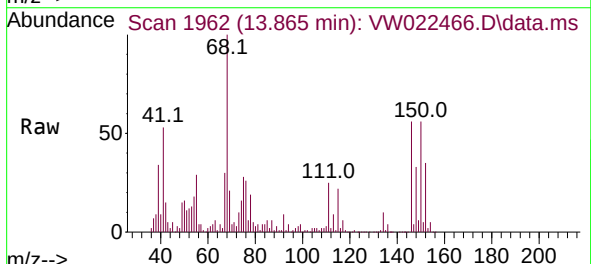
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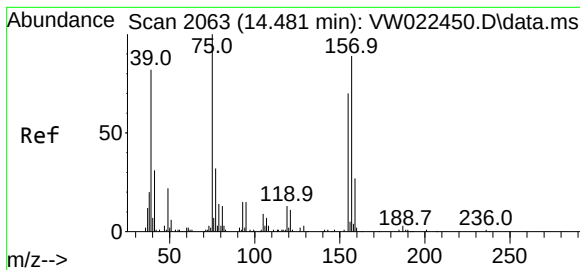
Tgt Ion:146 Resp: 12332
Ion Ratio Lower Upper
146 100
111 39.8 28.5 52.9
148 64.3 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 9.449 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022466.D
Acq: 08 Apr 2022 16:07

Tgt Ion:146 Resp: 107574
Ion Ratio Lower Upper
146 100
111 44.3 39.0 58.4
148 58.1 52.1 78.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.759 ug/L
 RT: 14.462 min Scan# 2060
 Delta R.T. -0.018 min
 Lab File: VW022466.D
 Acq: 08 Apr 2022 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNP2

Tgt Ion: 75 Resp: 5365
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.6 83.4#
 157 3.9 69.8 104.6#

