

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022473.D
 Acq On : 08 Apr 2022 18:56
 Operator : SY/VA
 Sample : N2293-21
 Misc : 6.91g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNP9

Quant Time: Apr 08 23:36:49 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)

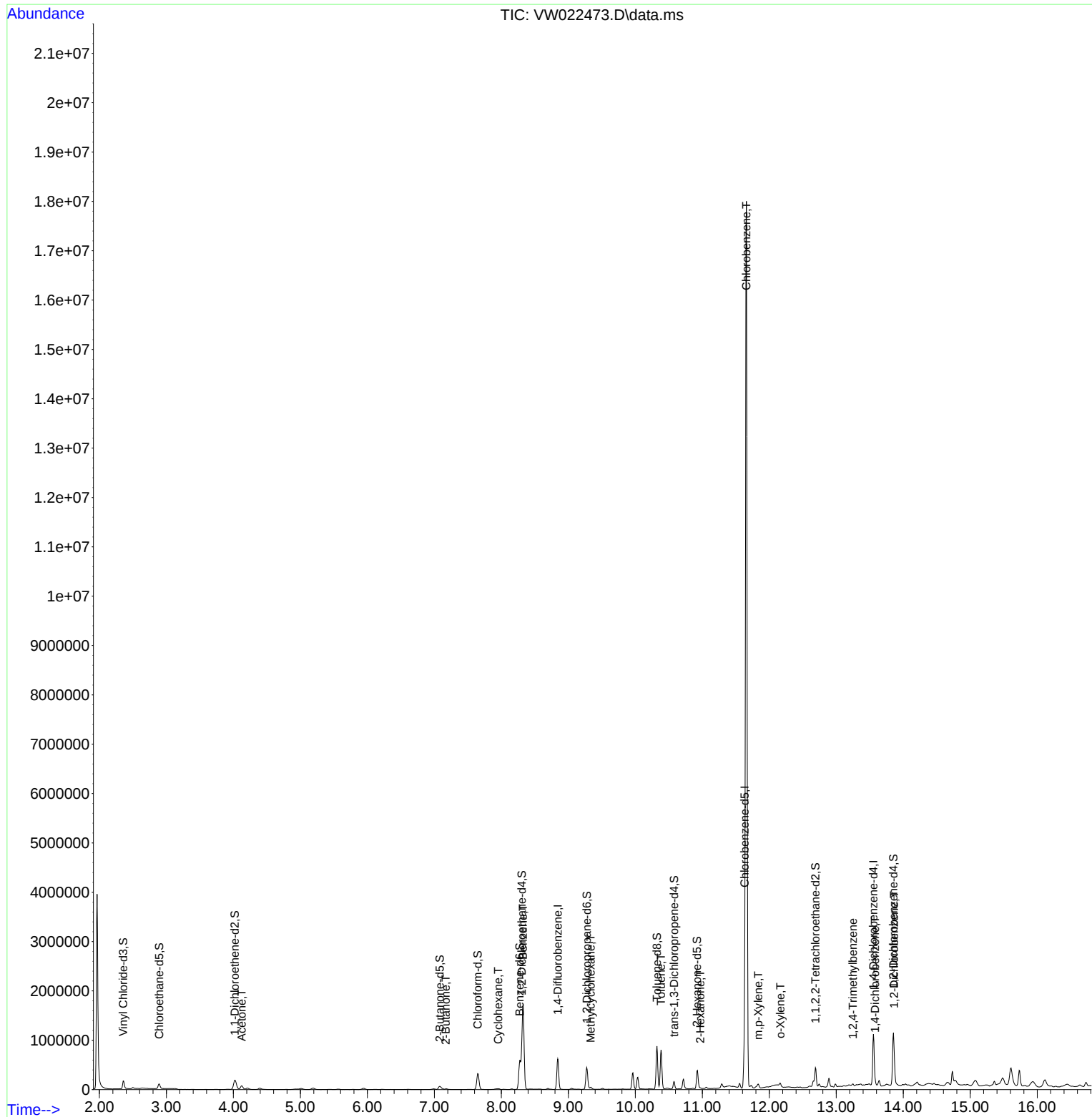
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	514436	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	504298	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	256695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	168468	14.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.240%
7) Chloroethane-d5	2.892	69	114011	15.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
11) 1,1-Dichloroethene-d2	4.019	63	178447	12.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.400%
21) 2-Butanone-d5	7.080	46	101324	51.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.060%
24) Chloroform-d	7.647	84	321198	19.976	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.920%
26) 1,2-Dichloroethane-d4	8.305	65	192694	20.974	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.880%
32) Benzene-d6	8.275	84	600282	19.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.920%
36) 1,2-Dichloropropane-d6	9.275	67	189685	21.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.080%
41) Toluene-d8	10.323	98	560416	18.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.280%
43) trans-1,3-Dichloroprop...	10.579	79	80763	19.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.760%
47) 2-Hexanone-d5	10.921	63	95837	57.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.540%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	182484	24.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	218019	23.979	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.920%
Target Compounds	Qvalue					
13) Acetone	4.123	43	124664	92.217	ug/L	92
22) 2-Butanone	7.171	43	21061	10.315	ug/L	97
29) Cyclohexane	7.952	56	9583	0.664	ug/L	96
33) Benzene	8.324	78	1600086	46.733	ug/L	100
35) Methylcyclohexane	9.336	83	15919	0.968	ug/L #	85
42) Toluene	10.384	91	352084	8.974	ug/L	96
48) 2-Hexanone	10.969	43	7719	2.186	ug/L #	83
51) Chlorobenzene	11.658	112	9045777	377.296	ug/L	95
53) m,p-Xylene	11.835	106	24454	1.462	ug/L	94
54) o-Xylene	12.164	106	15709	0.983	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	23299	0.653	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	31563	1.829	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	87225	5.636	ug/L	97

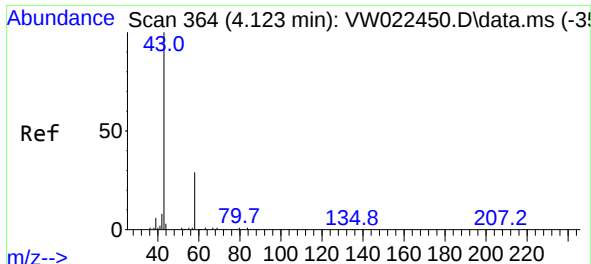
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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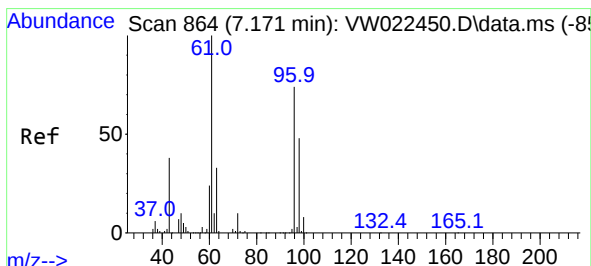
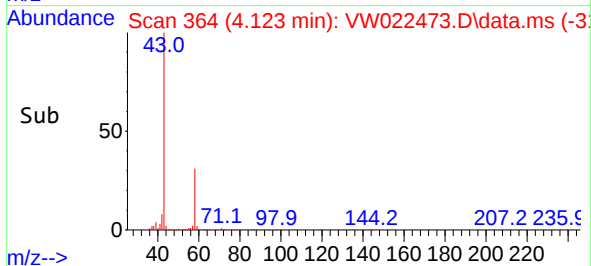
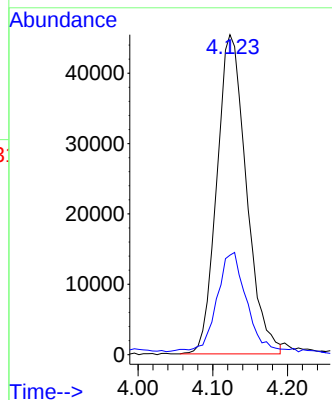
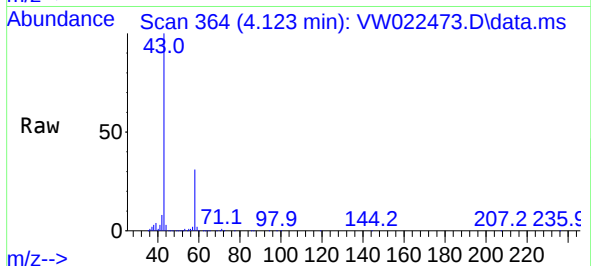




#13
Acetone
Concen: 92.217 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

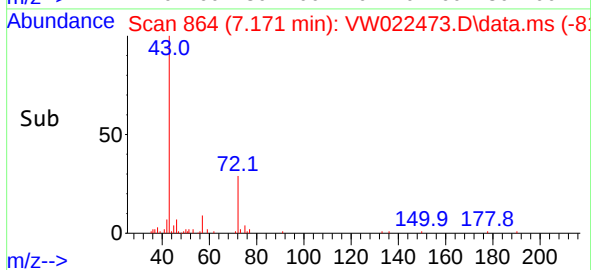
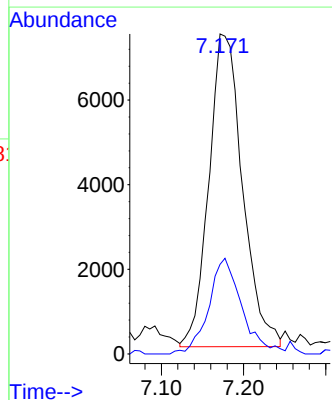
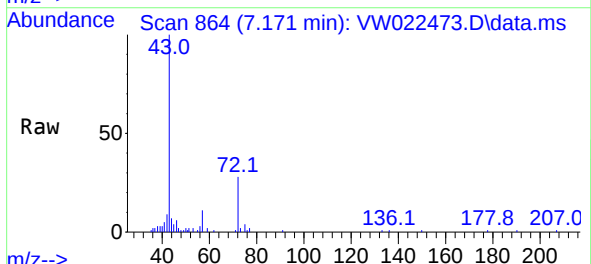
Instrument :
MSVOA_W
ClientSampleId :
ETNP9

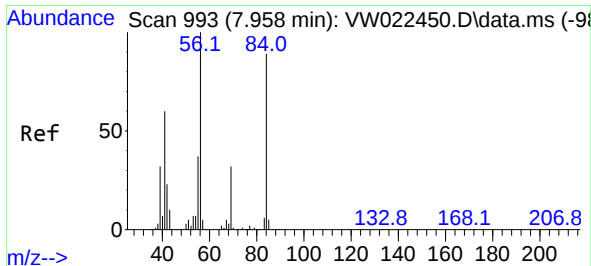
Tgt Ion: 43 Resp: 124664
Ion Ratio Lower Upper
43 100
58 32.8 0.0 57.0



#22
2-Butanone
Concen: 10.315 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

Tgt Ion: 43 Resp: 21061
Ion Ratio Lower Upper
43 100
72 29.7 14.0 42.0





#29

Cyclohexane

Concen: 0.664 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW022473.D

Acq: 08 Apr 2022 18:56

Instrument :

MSVOA_W

ClientSampleId :

ETNP9

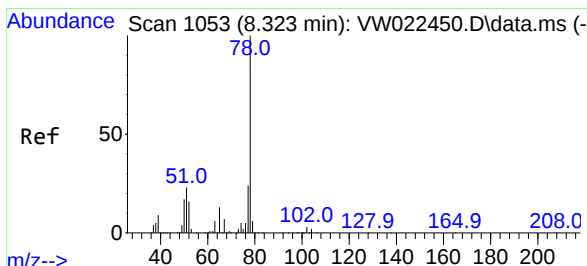
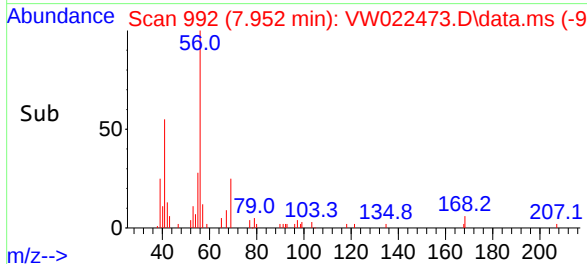
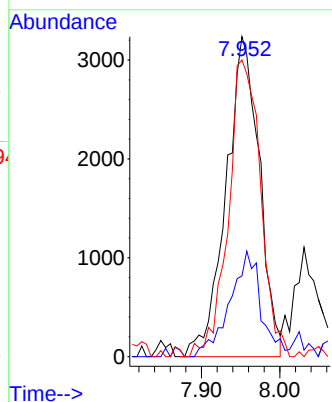
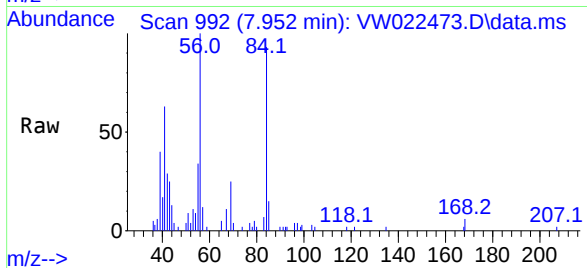
Tgt Ion: 56 Resp: 9583

Ion Ratio Lower Upper

56 100

69 26.2 24.4 36.6

84 88.6 72.6 108.8



#33

Benzene

Concen: 46.733 ug/L

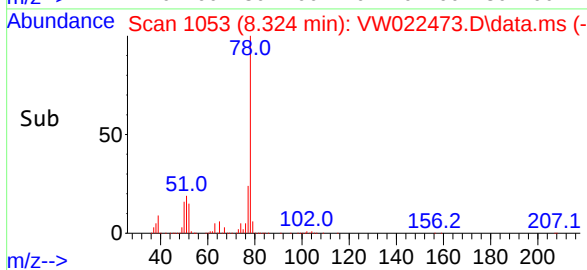
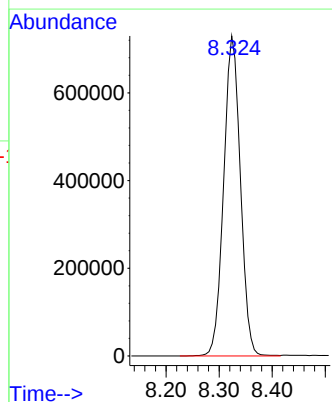
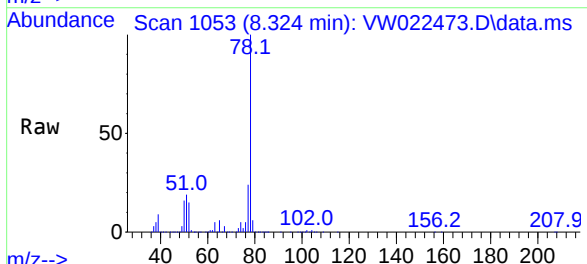
RT: 8.324 min Scan# 1053

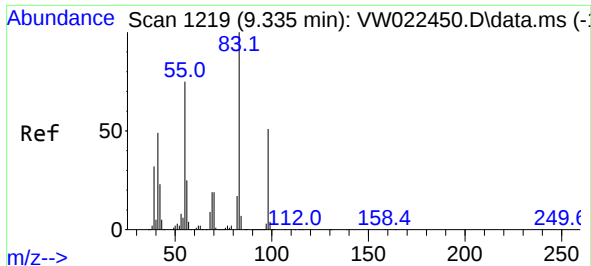
Delta R.T. 0.000 min

Lab File: VW022473.D

Acq: 08 Apr 2022 18:56

Tgt Ion: 78 Resp: 1600086





#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 9.336 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022473.D

Acq: 08 Apr 2022 18:56

Instrument :

MSVOA_W

ClientSampleId :

ETNP9

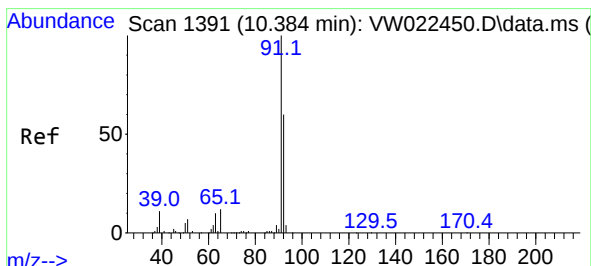
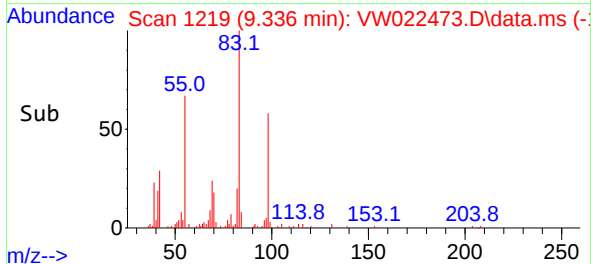
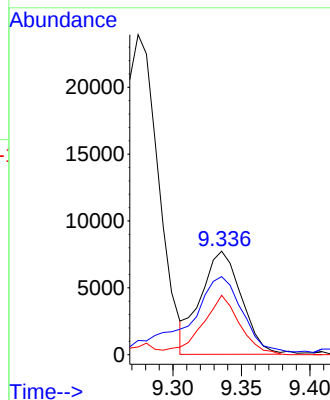
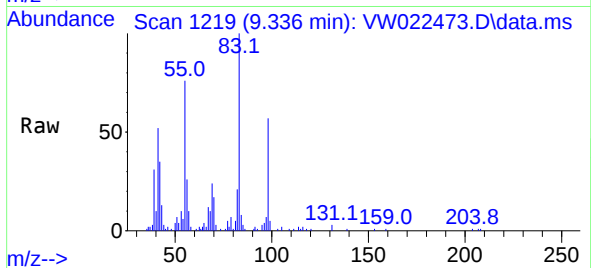
Tgt Ion: 83 Resp: 15919

Ion Ratio Lower Upper

83 100

55 94.9 61.0 91.6#

98 53.0 39.2 58.8



#42

Toluene

Concen: 8.974 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022473.D

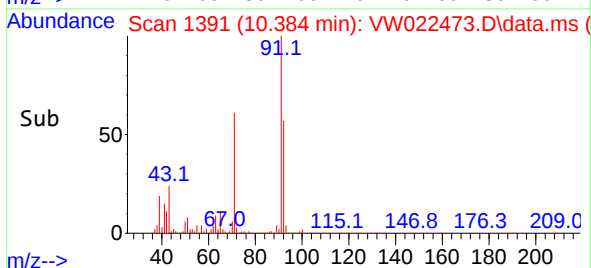
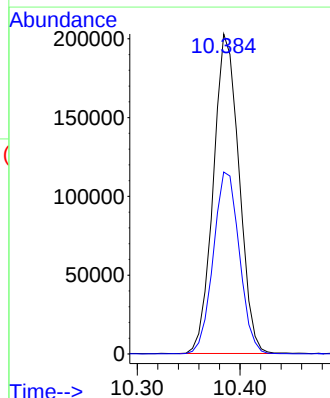
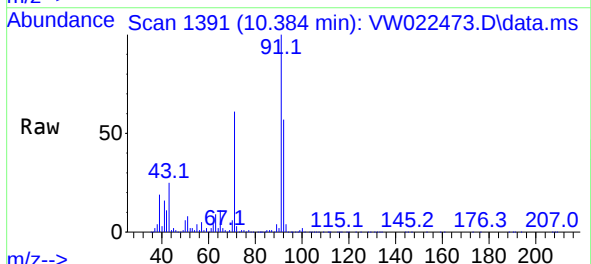
Acq: 08 Apr 2022 18:56

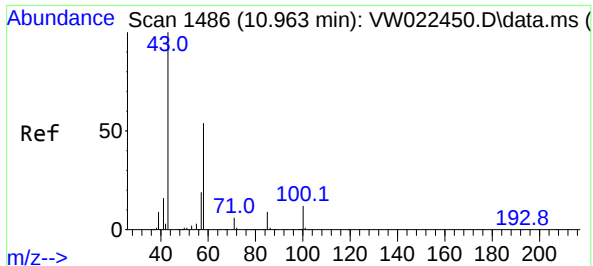
Tgt Ion: 91 Resp: 352084

Ion Ratio Lower Upper

91 100

92 56.9 38.0 70.6





#48

2-Hexanone

Concen: 2.186 ug/L

RT: 10.969 min Scan# 14

Delta R.T. 0.006 min

Lab File: VW022473.D

Acq: 08 Apr 2022 18:56

Instrument :

MSVOA_W

ClientSampleId :

ETNP9

Tgt Ion: 43 Resp: 7719

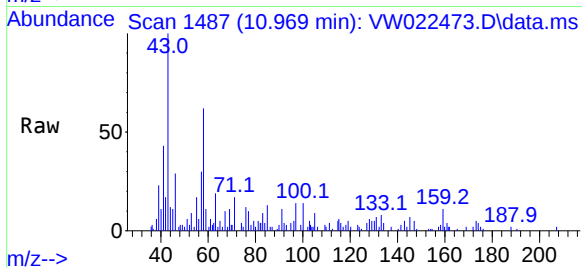
Ion Ratio Lower Upper

43 100

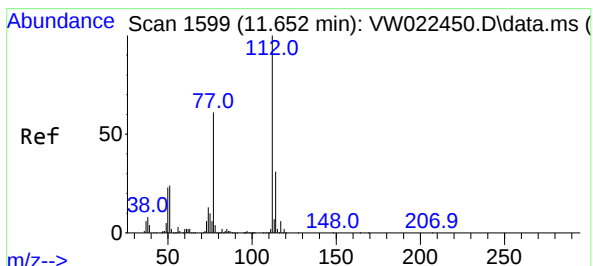
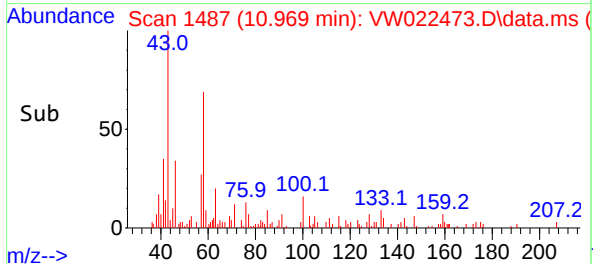
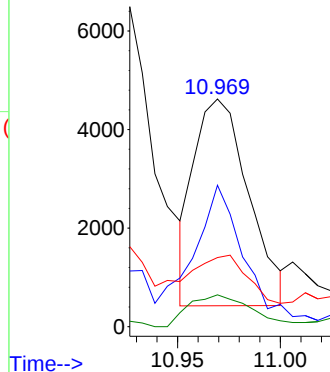
58 63.9 41.6 62.4#

57 25.5 14.5 21.7#

100 17.8 9.3 13.9#



Abundance



#51

Chlorobenzene

Concen: 377.296 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022473.D

Acq: 08 Apr 2022 18:56

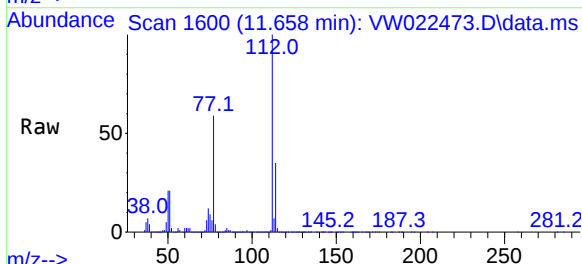
Tgt Ion:112 Resp: 9045777

Ion Ratio Lower Upper

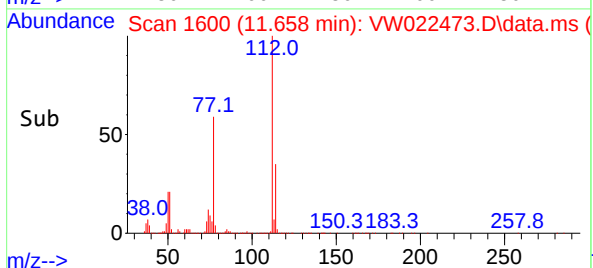
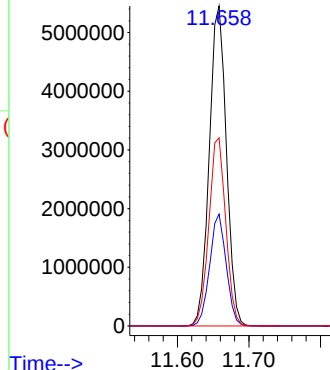
112 100

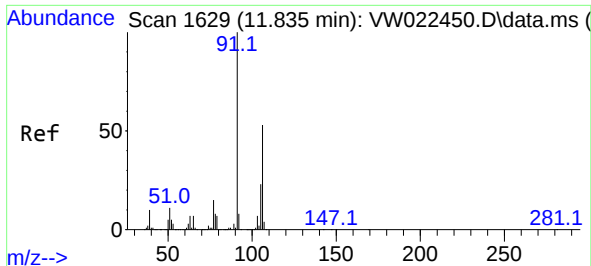
114 35.0 20.5 38.1

77 58.8 48.1 72.1



Abundance

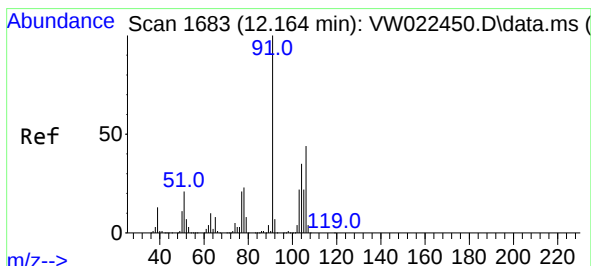
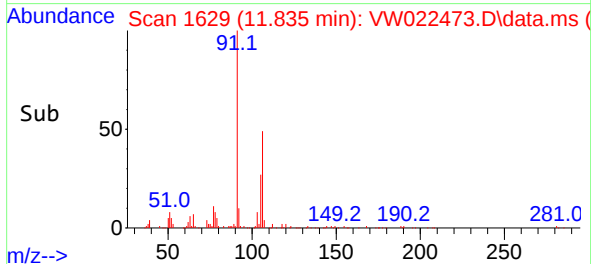
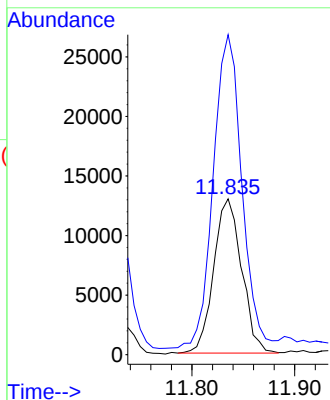
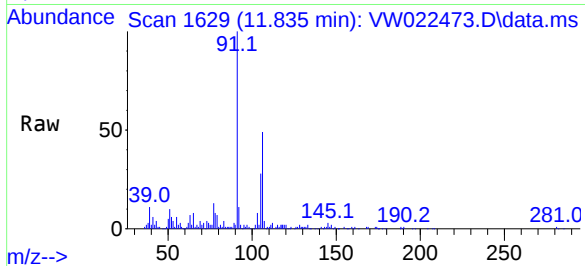




#53
m,p-Xylene
Concen: 1.462 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

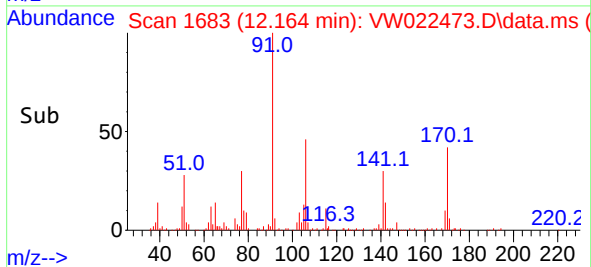
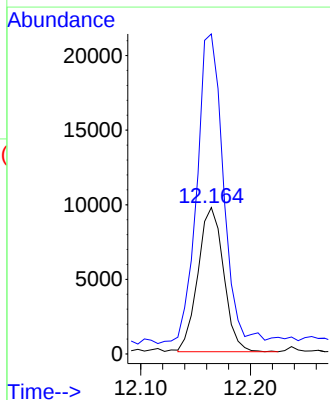
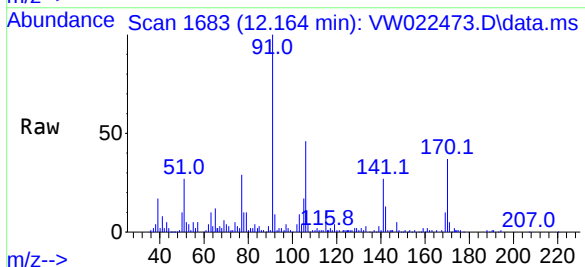
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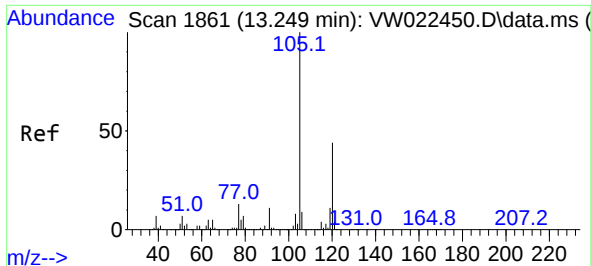
Tgt Ion:106 Resp: 24454
Ion Ratio Lower Upper
106 100
91 205.4 149.9 278.5



#54
o-Xylene
Concen: 0.983 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

Tgt Ion:106 Resp: 15709
Ion Ratio Lower Upper
106 100
91 218.5 155.3 288.3

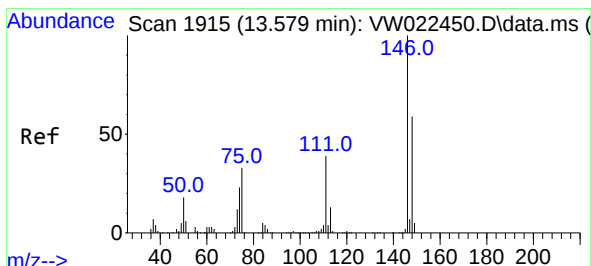
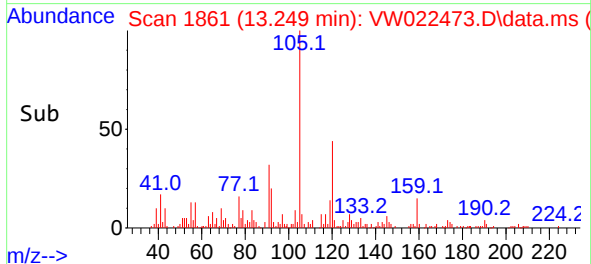
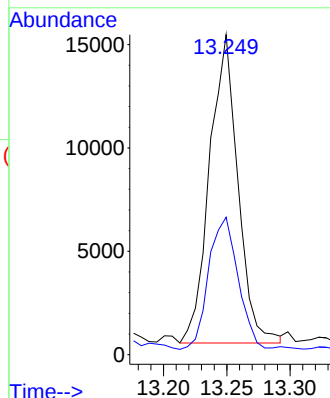
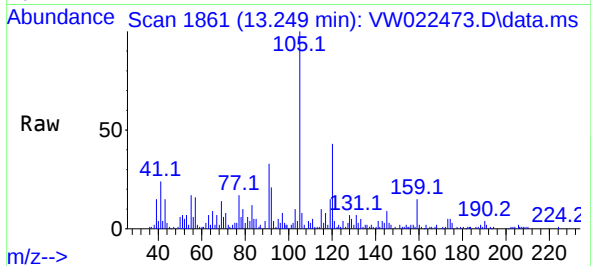




#63
1,2,4-Trimethylbenzene
Concen: 0.653 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

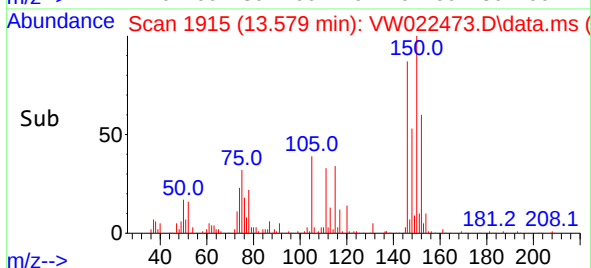
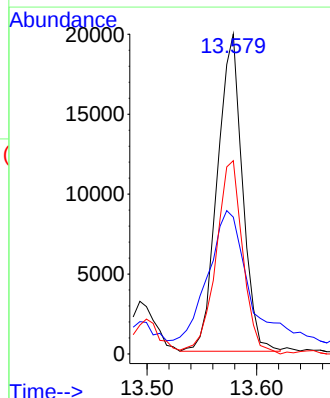
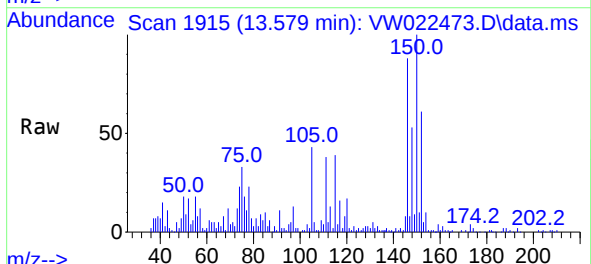
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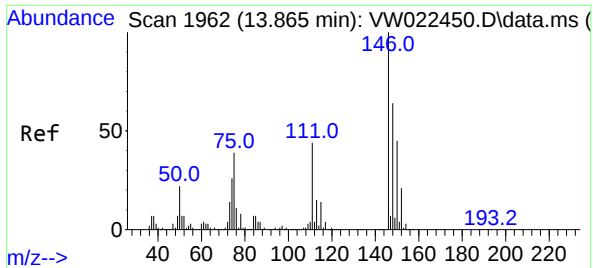
Tgt Ion:105 Resp: 23299
Ion Ratio Lower Upper
105 100
120 44.5 34.2 51.2



#65
1,4-Dichlorobenzene
Concen: 1.829 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

Tgt Ion:146 Resp: 31563
Ion Ratio Lower Upper
146 100
111 42.8 28.5 52.9
148 60.4 44.4 82.4





#67
1,2-Dichlorobenzene
Concen: 5.636 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

Instrument :
MSVOA_W
ClientSampleId :
ETNP9

Tgt Ion:	146	Resp:	87225
Ion	Ratio	Lower	Upper
146	100		
111	46.8	39.0	58.4
148	62.5	52.1	78.1

