

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)

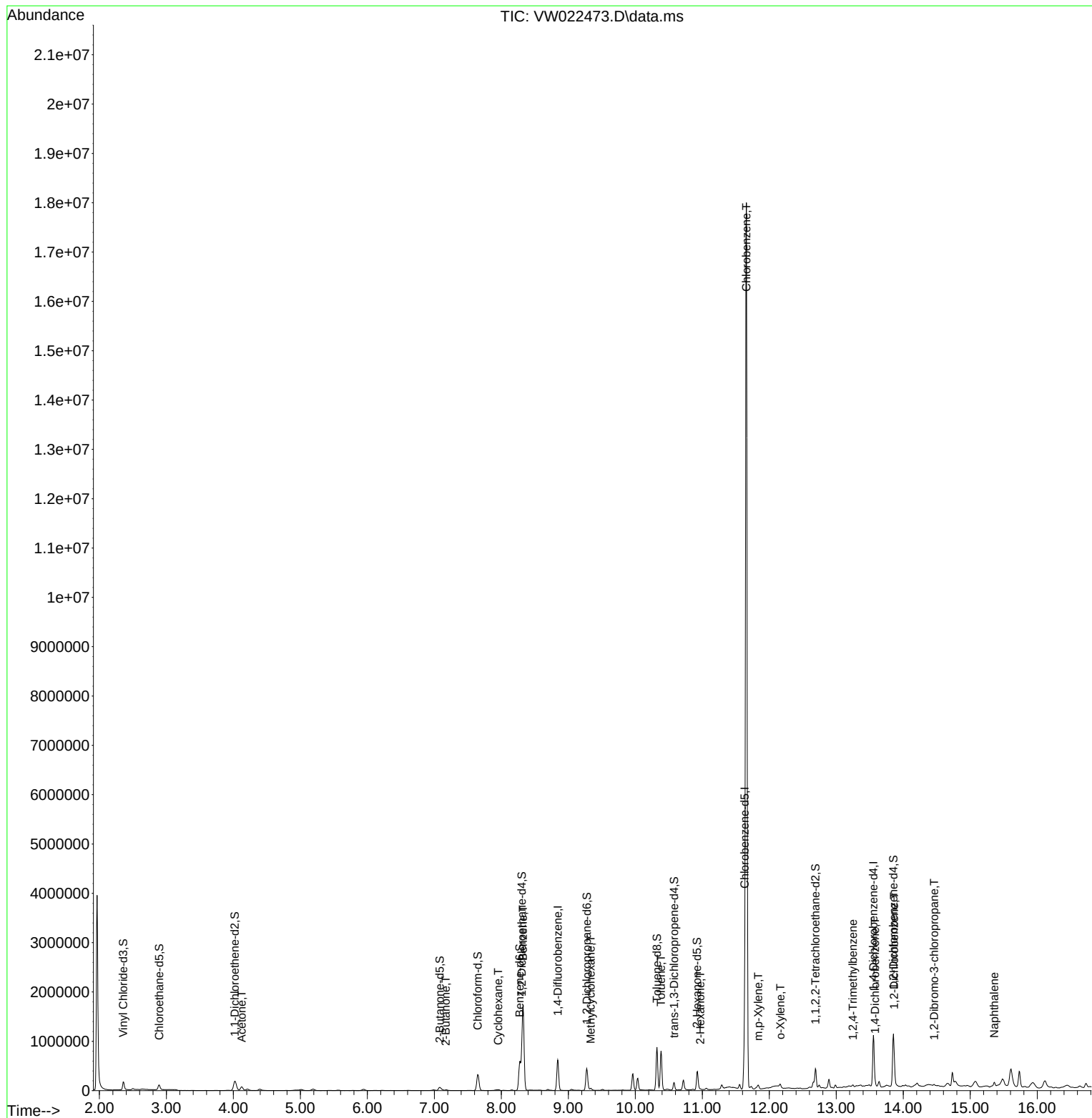
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	514436	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	504298	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	256695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	168468	14.813	ug/L	0.00
Spiked Amount	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
68) 1,2-Dibromo-3-chloropr...	14.463	75	8228	6.497	ug/L #	27
71) Naphthalene	15.359	128	74936	3.747	ug/L	98

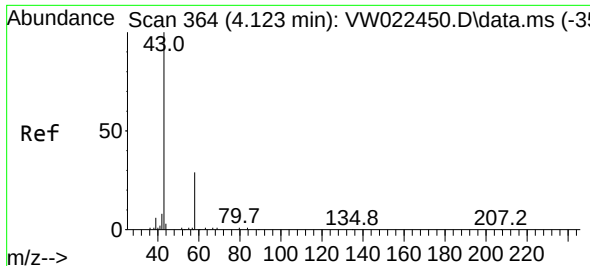
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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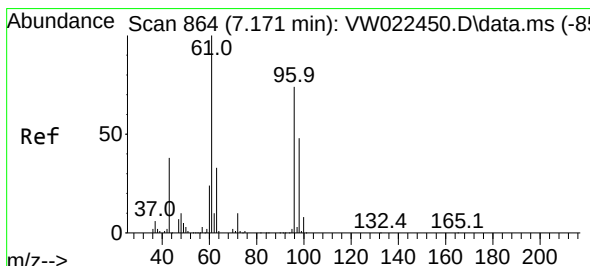
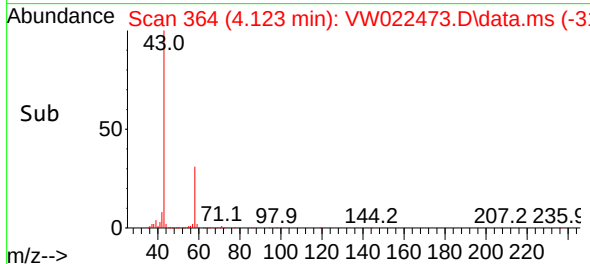
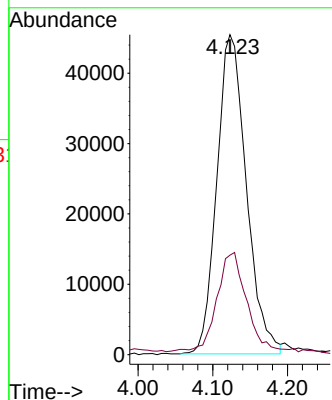
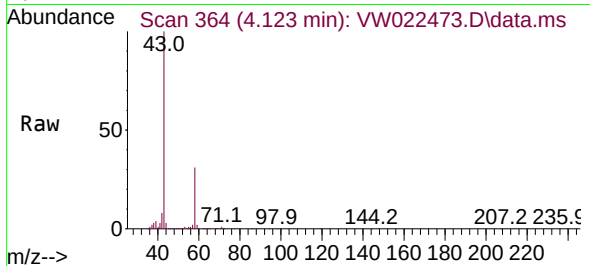




#13
Acetone
Concen: 92.217 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

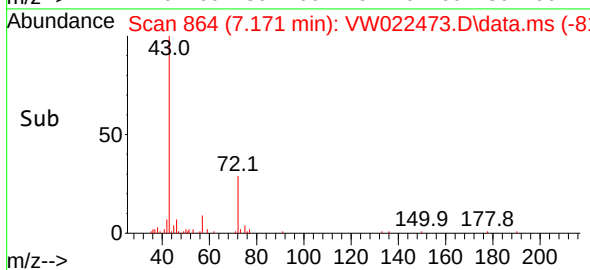
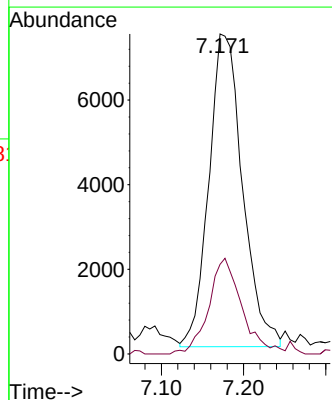
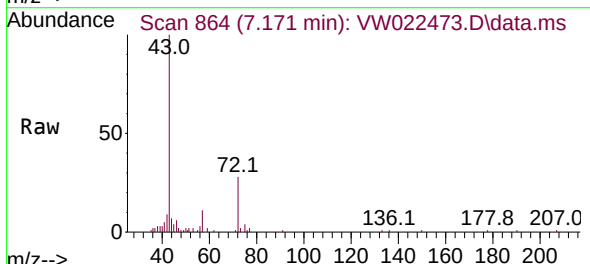
Instrument :
MSVOA_W
ClientSampleId :
ETNP9

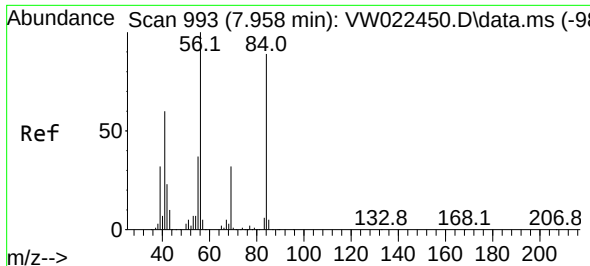
Tgt Ion: 43 Resp: 124664
Ion Ratio Lower Upper
43 100
58 32.8 0.0 57.0



#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

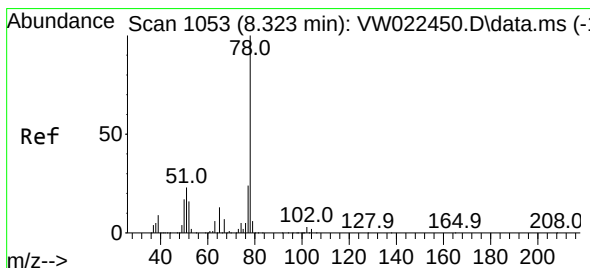
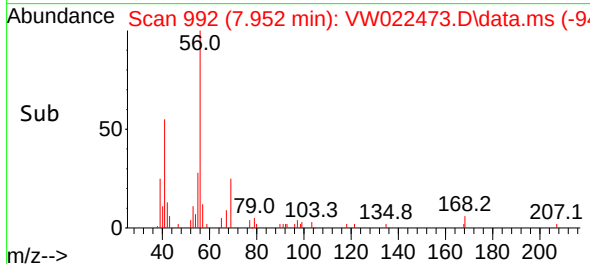
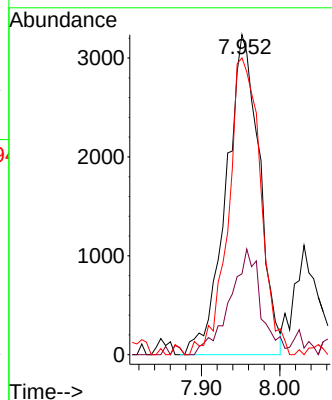
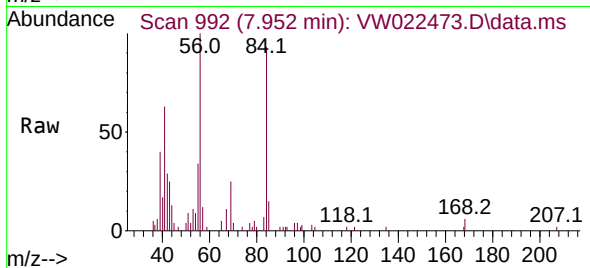




#29
Cyclohexane
Concen: 0.664 ug/L
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

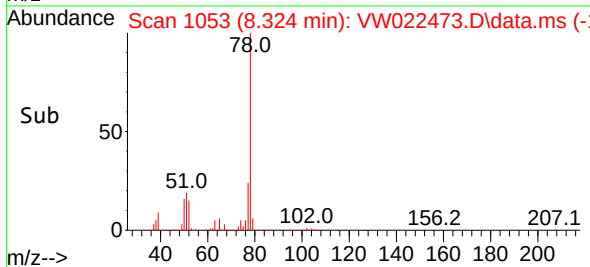
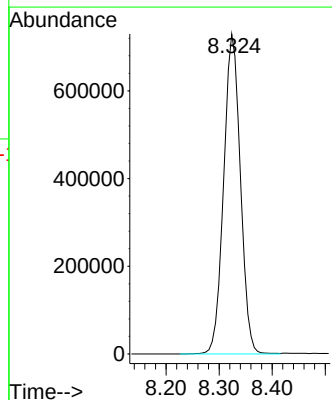
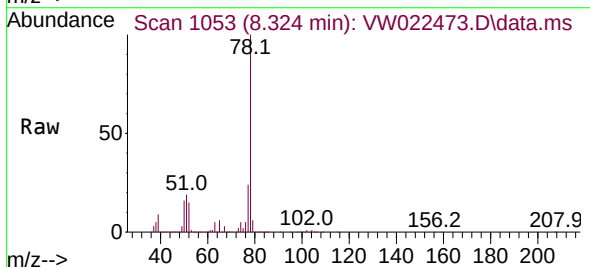
Instrument :
MSVOA_W
ClientSampleId :
ETNP9

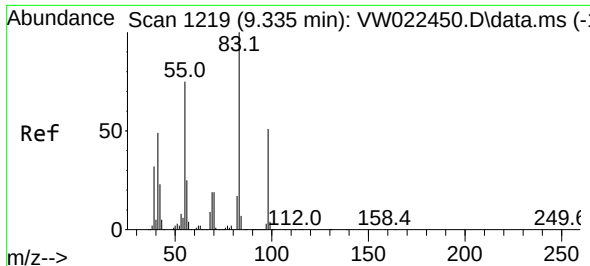
Tgt Ion: 56 Resp: 9583
Ion Ratio Lower Upper
56 100
69 26.2 24.4 36.6
84 88.6 72.6 108.8



#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

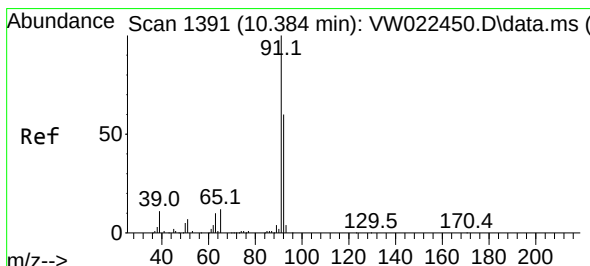
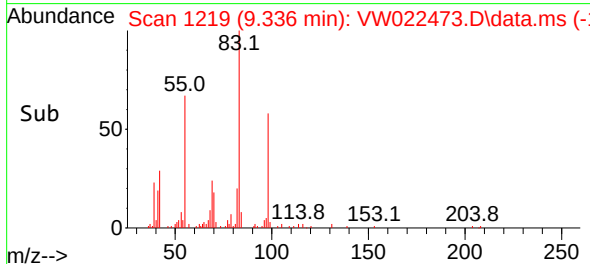
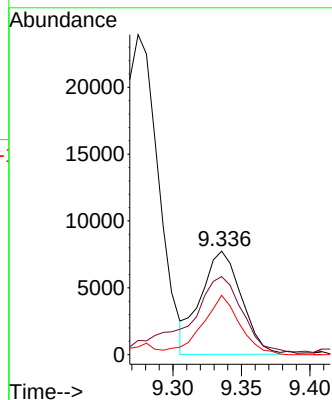
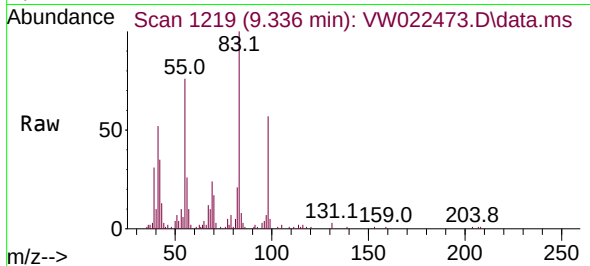




#35
Methylcyclohexane
Concen: 0.968 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

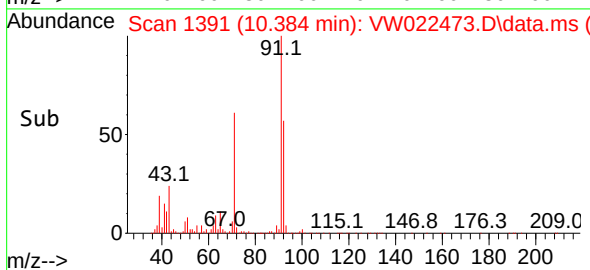
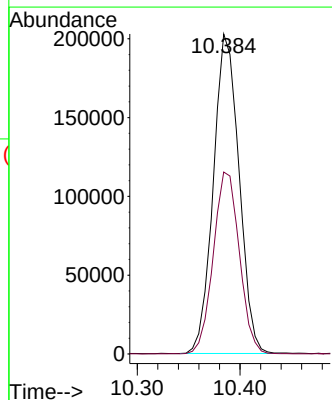
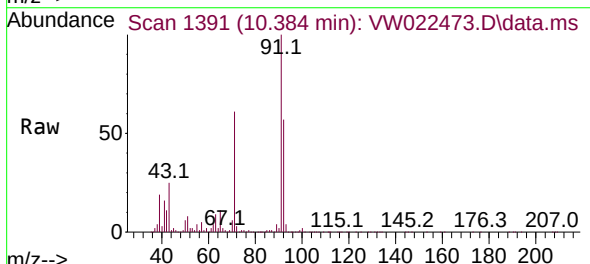
Instrument :
MSVOA_W
ClientSampleId :
ETNP9

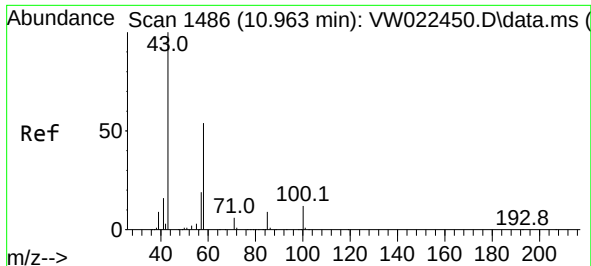
Tgt Ion: 83 Resp: 15919
Ion Ratio Lower Upper
83 100
55 94.9 61.0 91.6#
98 53.0 39.2 58.8



#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



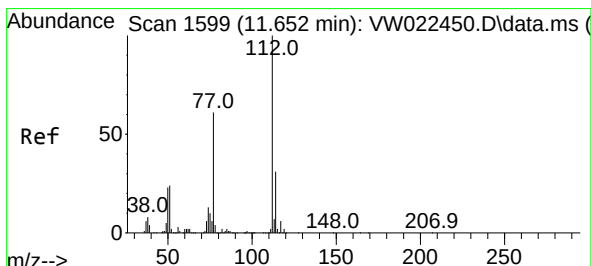
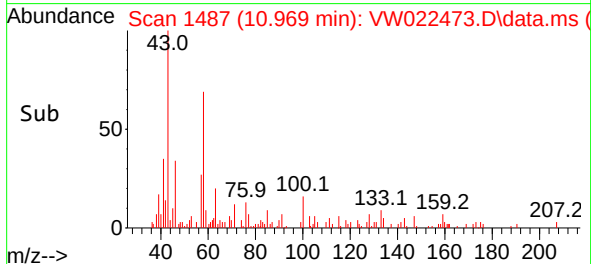
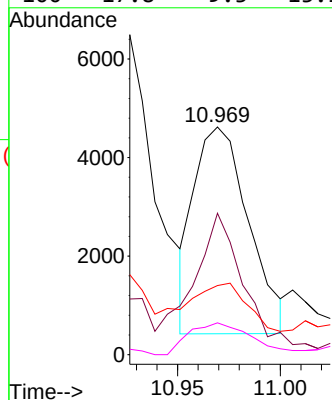
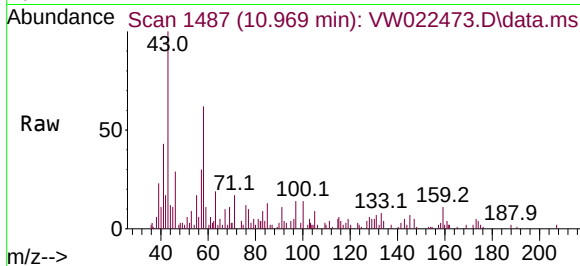


#48
2-Hexanone
Concen: 2.186 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

Instrument :
MSVOA_W
ClientSampleId :
ETNP9

Tgt Ion: 43 Resp: 7719

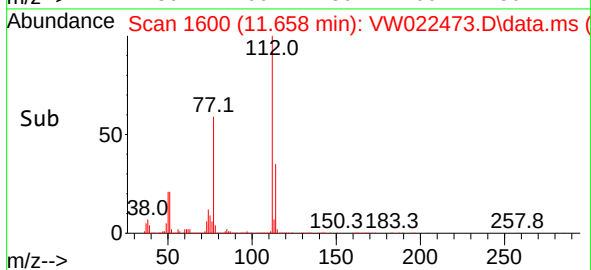
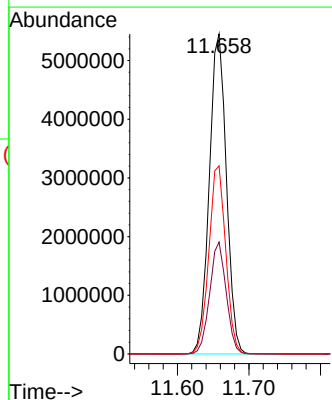
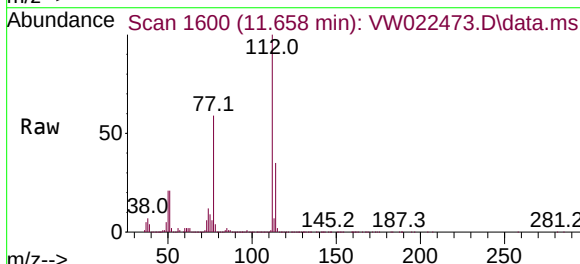
Ion	Ratio	Lower	Upper
43	100		
58	63.9	41.6	62.4#
57	25.5	14.5	21.7#
100	17.8	9.3	13.9#

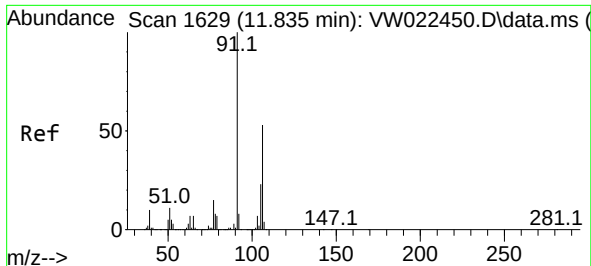


#51
Chlorobenzene
Concen: 377.296 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

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

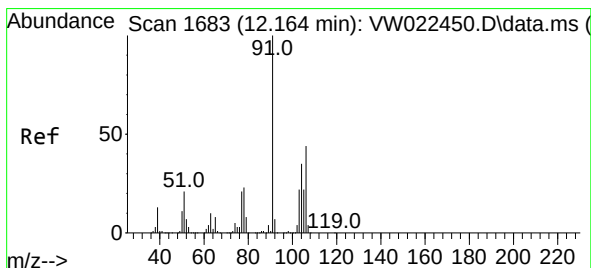
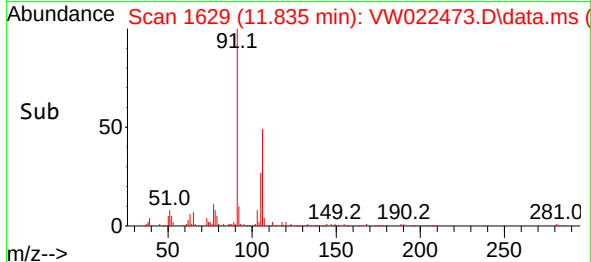
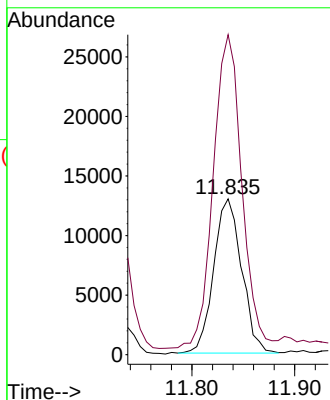
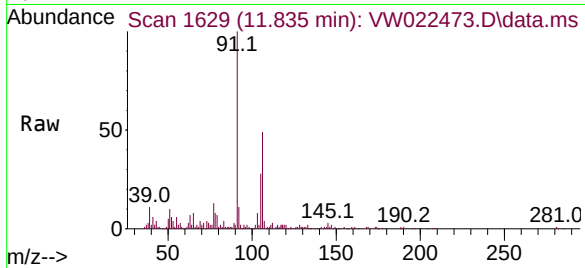




#53
m,p-Xylene
Concen: 1.462 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

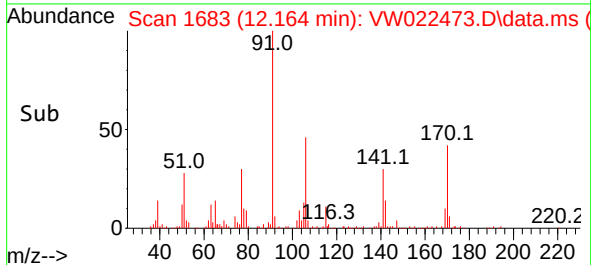
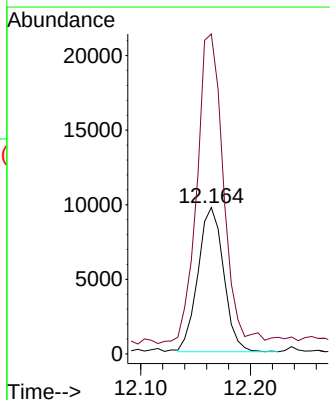
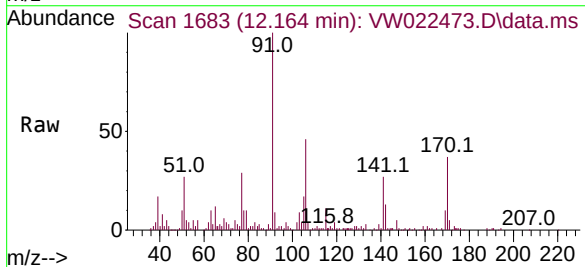
Instrument :
MSVOA_W
ClientSampleId :
ETNP9

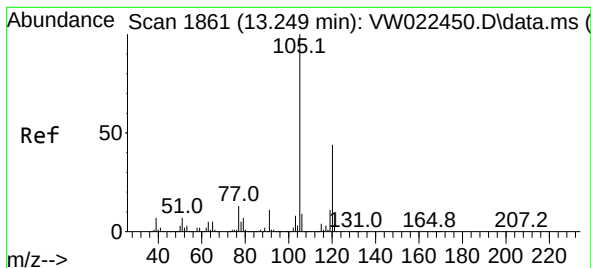
Tgt Ion:106 Resp: 24454
Ion Ratio Lower Upper
106 100
91 205.4 149.9 278.5



#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

Instrument :

MSVOA_W

ClientSampleId :

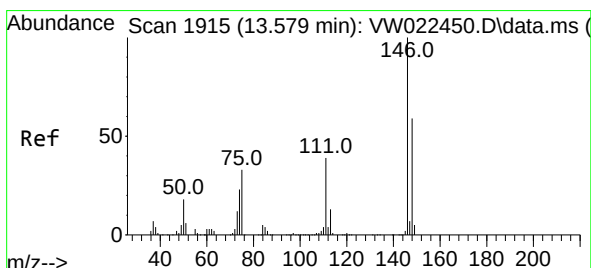
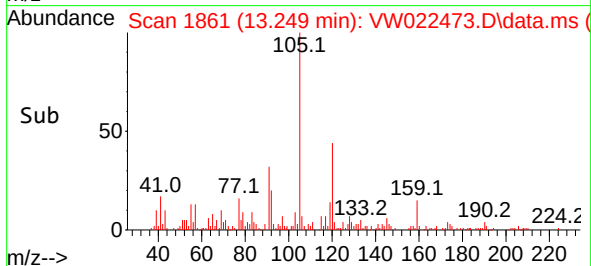
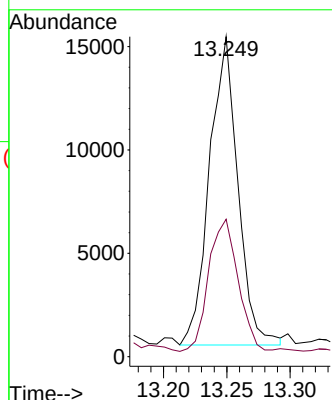
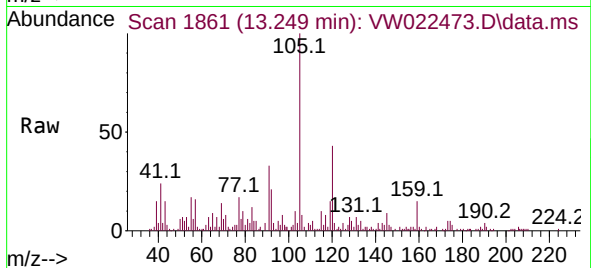
ETNP9

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

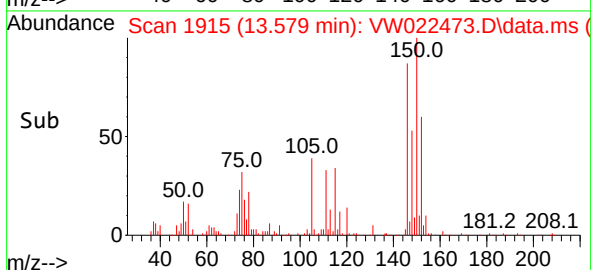
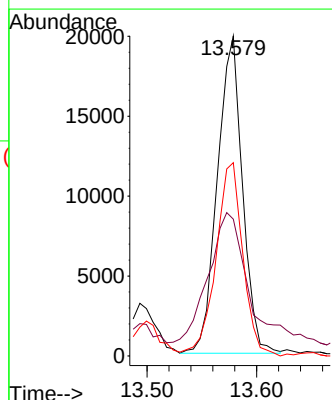
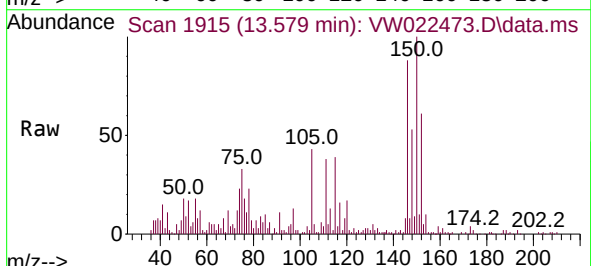
Tgt Ion:146 Resp: 31563

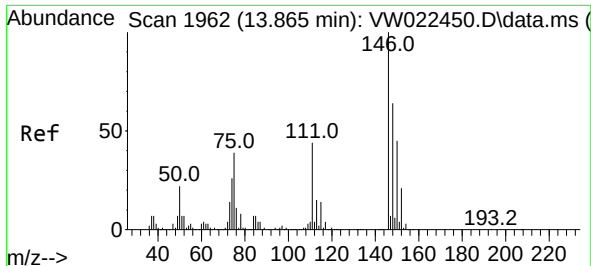
Ion Ratio Lower Upper

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

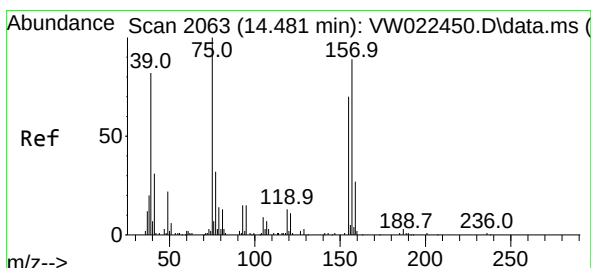
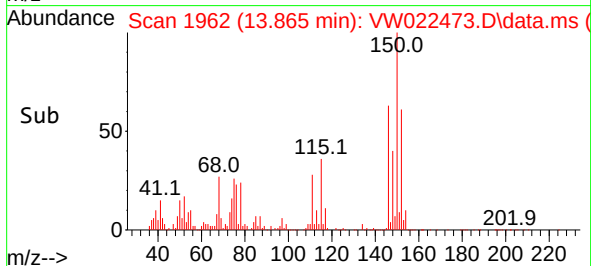
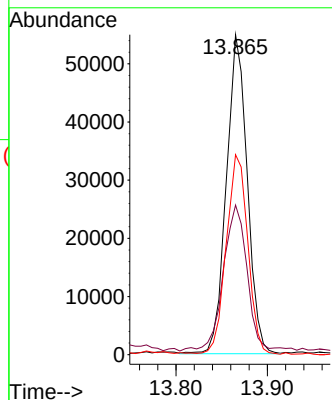
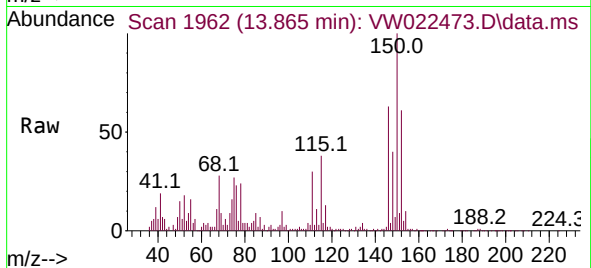
Tgt Ion:146 Resp: 87225

Ion Ratio Lower Upper

146 100

111 46.8 39.0 58.4

148 62.5 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 6.497 ug/L

RT: 14.463 min Scan# 2060

Delta R.T. -0.018 min

Lab File: VW022473.D

Acq: 08 Apr 2022 18:56

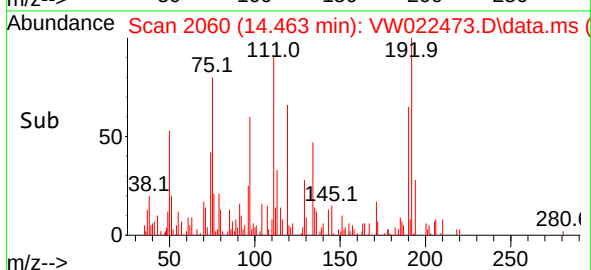
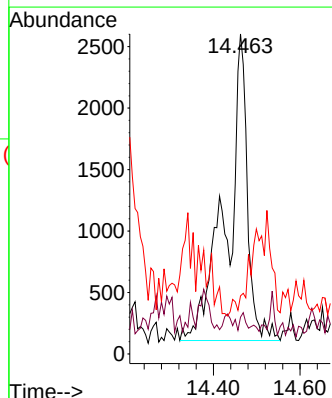
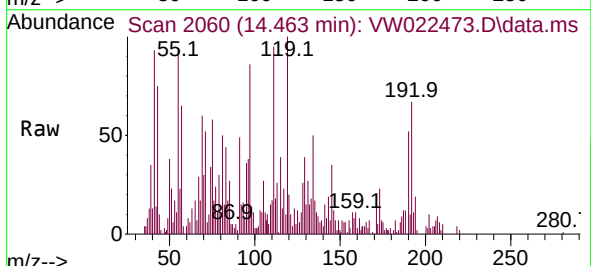
Tgt Ion: 75 Resp: 8228

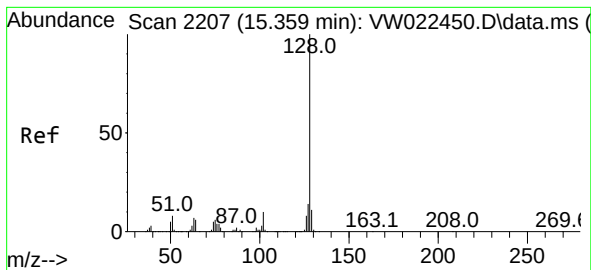
Ion Ratio Lower Upper

75 100

155 11.5 55.6 83.4#

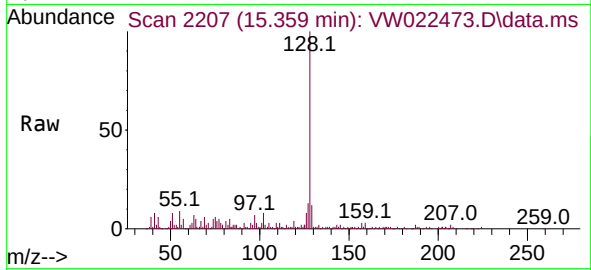
157 18.1 69.8 104.6#





#71
Naphthalene
Concen: 3.747 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022473.D
Acq: 08 Apr 2022 18:56

Instrument :
MSVOA_W
ClientSampleId :
ETNP9



Tgt Ion:128 Resp: 74936
Ion Ratio Lower Upper
128 100
127 12.1 10.6 15.8
129 10.8 8.5 12.7

