

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022472.D
 Acq On : 08 Apr 2022 18:31
 Operator : SY/VA
 Sample : N2293-20
 Misc : 6.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNP8

Quant Time: Apr 08 23:36:33 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	436281	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	445879	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	237006	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	153977	15.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.840%
7) Chloroethane-d5	2.885	69	102238	16.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.640%
11) 1,1-Dichloroethene-d2	4.019	63	161606	12.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.680%
21) 2-Butanone-d5	7.079	46	102043	60.601	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.200%
24) Chloroform-d	7.652	84	280526	20.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.280%
26) 1,2-Dichloroethane-d4	8.305	65	179311	23.014	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.040%
32) Benzene-d6	8.274	84	524691	19.261	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.040%
36) 1,2-Dichloropropane-d6	9.274	67	171662	21.775	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.120%
41) Toluene-d8	10.323	98	496792	18.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.480%
43) trans-1,3-Dichloroprop...	10.579	79	76163	20.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.880%
47) 2-Hexanone-d5	10.926	63	100204	68.318	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.640%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	185964	27.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	213885	25.478	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.920%
Target Compounds	Qvalue					
13) Acetone	4.123	43	200887	175.221	ug/L	95
22) 2-Butanone	7.177	43	33518	19.357	ug/L	99
29) Cyclohexane	7.951	56	11074	0.868	ug/L	96
33) Benzene	8.323	78	2121735	70.088	ug/L	100
35) Methylcyclohexane	9.335	83	20845	1.433	ug/L	98
42) Toluene	10.384	91	432882	12.479	ug/L	95
48) 2-Hexanone	10.963	43	12918	4.137	ug/L #	89
51) Chlorobenzene	11.658	112	11464519	540.832	ug/L	94
52) Ethylbenzene	11.731	91	24183	0.622	ug/L	93
53) m,p-Xylene	11.835	106	30793	2.083	ug/L	79
54) o-Xylene	12.164	106	20677	1.464	ug/L	93
59) Bromoform	12.335	173	6048	1.717	ug/L #	65
60) Isopropylbenzene	12.463	105	18878	0.479	ug/L #	73
62) 1,3,5-Trimethylbenzene	12.865	105	9094	0.420	ug/L	87
63) 1,2,4-Trimethylbenzene	13.249	105	31898	0.969	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	8367	0.524	ug/L #	60
65) 1,4-Dichlorobenzene	13.572	146	41818	2.624	ug/L #	88
67) 1,2-Dichlorobenzene	13.871	146	90600	6.340	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.468	75	6194	5.297	ug/L #	40

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

Quant Time: Apr 08 23:36:33 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

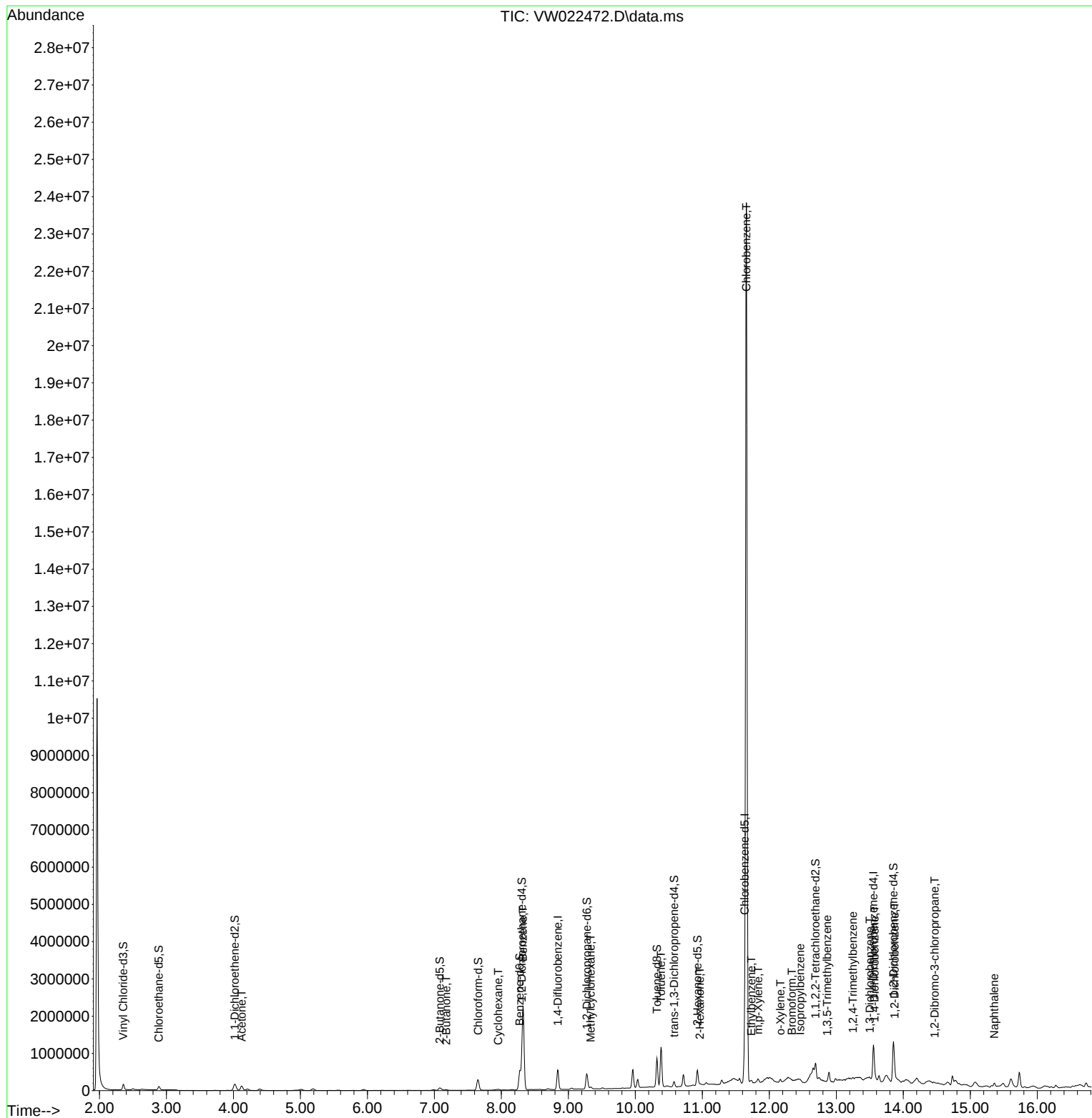
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	15.358	128	85137	4.610	ug/L	99

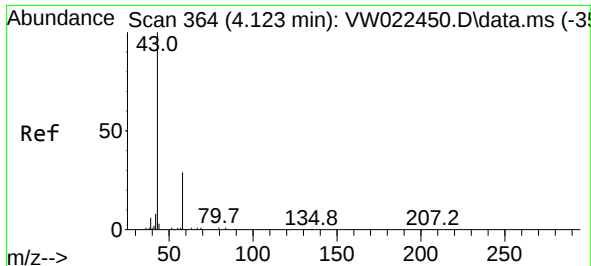
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022472.D
Acq On : 08 Apr 2022 18:31
Operator : SY/VA
Sample : N2293-20
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

Quant Time: Apr 08 23:36:33 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

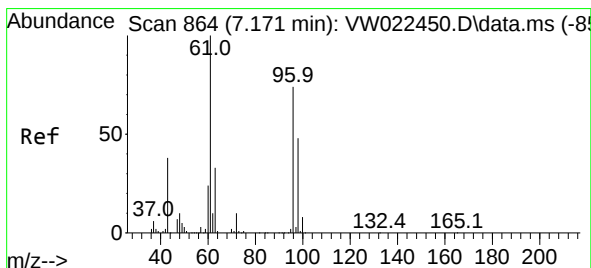
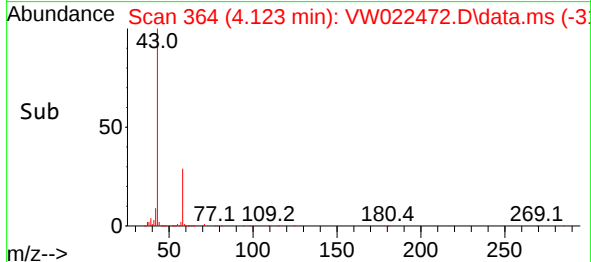
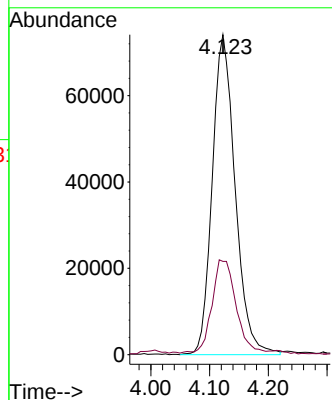
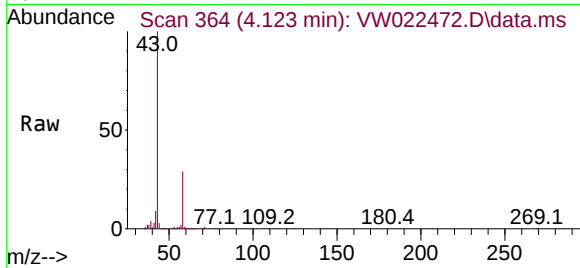




#13
Acetone
Concen: 175.221 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

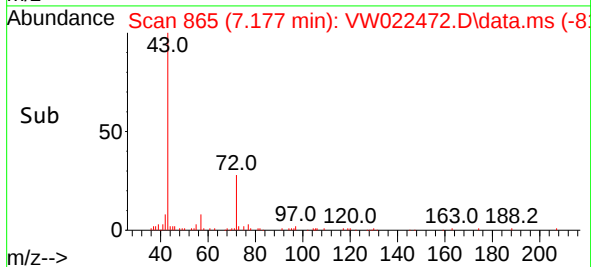
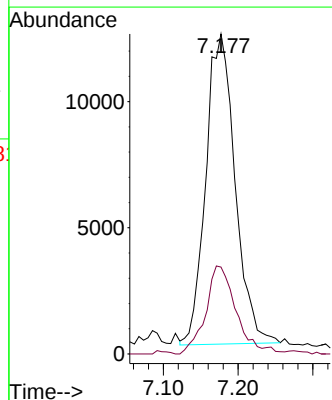
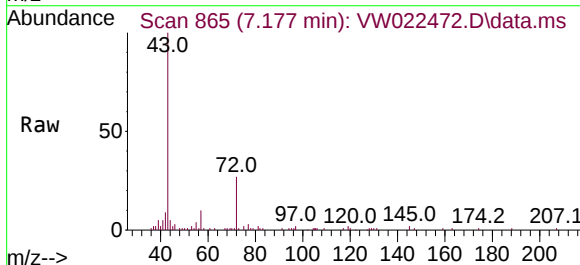
Instrument :
MSVOA_W
ClientSampleId :
ETNP8

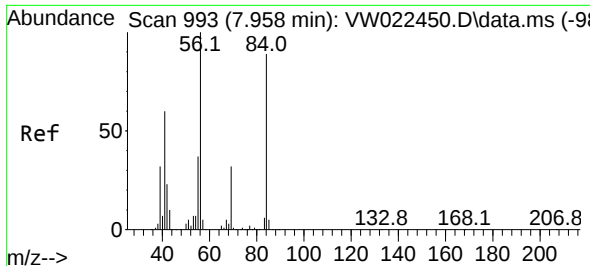
Tgt Ion: 43 Resp: 200887
Ion Ratio Lower Upper
43 100
58 31.0 0.0 57.0



#22
2-Butanone
Concen: 19.357 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

Tgt Ion: 43 Resp: 33518
Ion Ratio Lower Upper
43 100
72 28.7 14.0 42.0

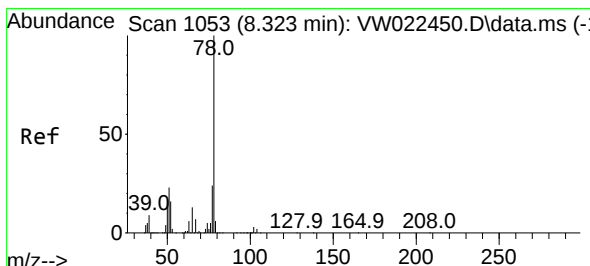
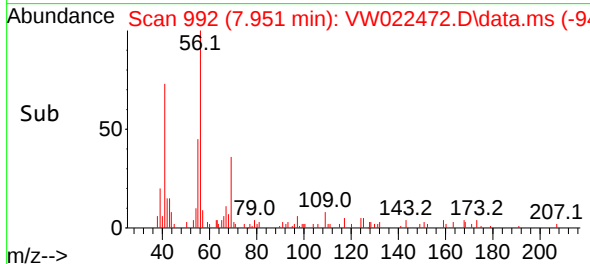
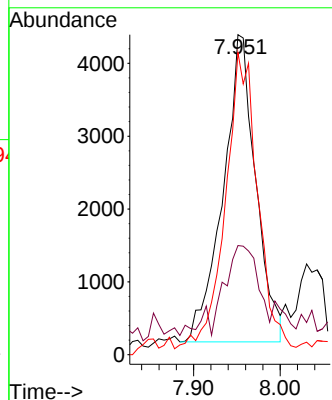
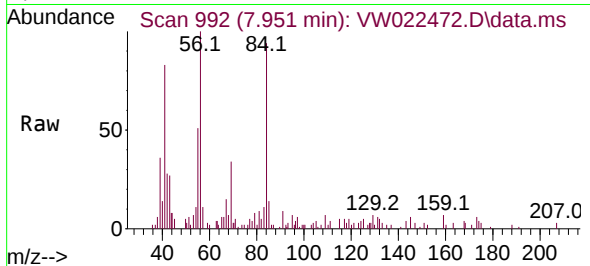




#29
Cyclohexane
Concen: 0.868 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

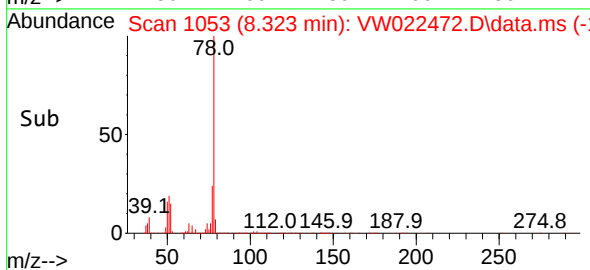
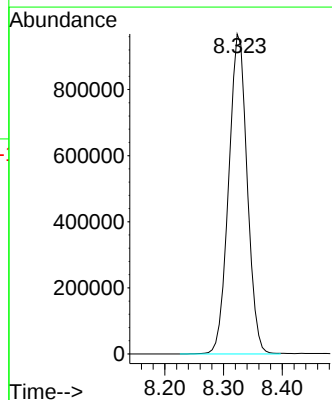
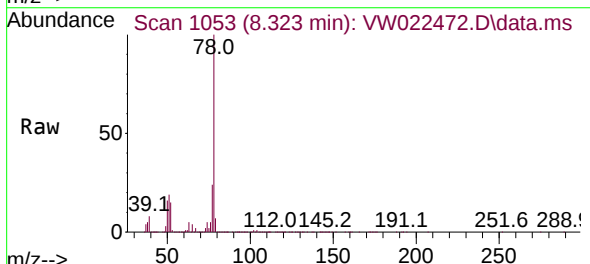
Instrument :
MSVOA_W
ClientSampleId :
ETNP8

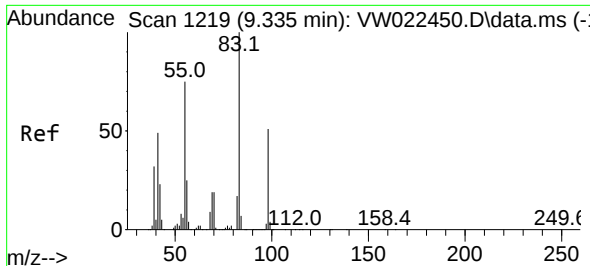
Tgt Ion: 56 Resp: 11074
Ion Ratio Lower Upper
56 100
69 29.0 24.4 36.6
84 94.4 72.6 108.8



#33
Benzene
Concen: 70.088 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

Tgt Ion: 78 Resp: 2121735

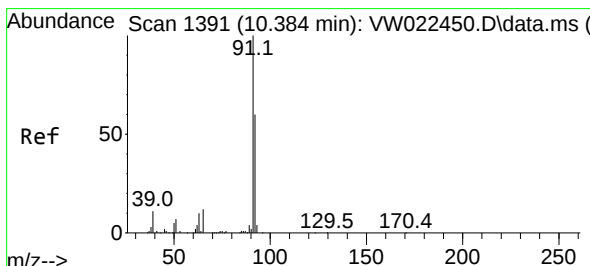
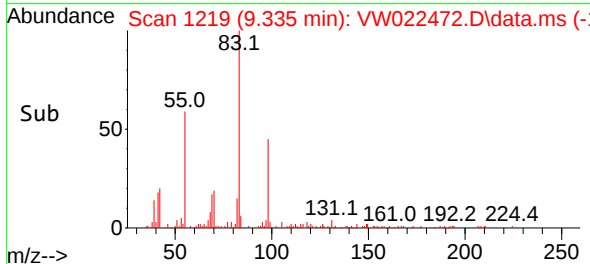
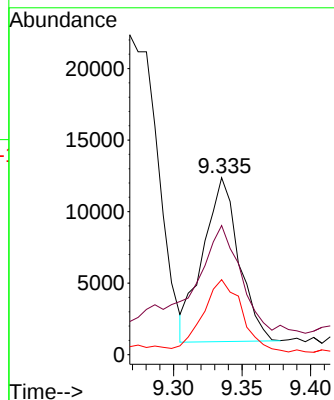
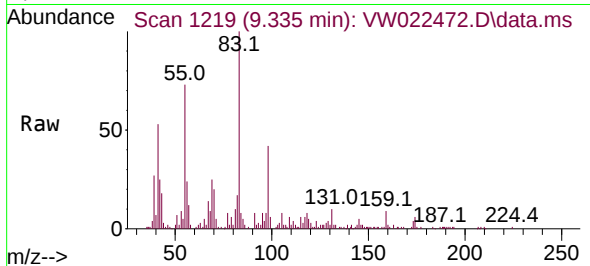




#35
Methylcyclohexane
Concen: 1.433 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

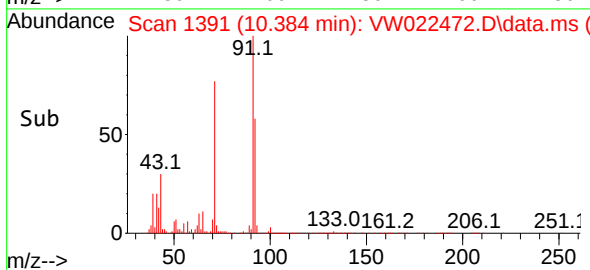
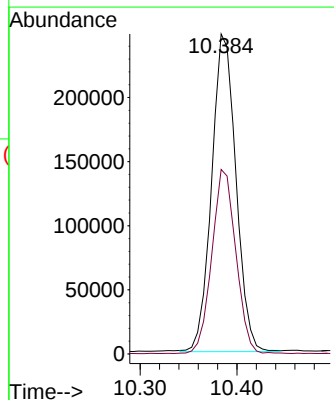
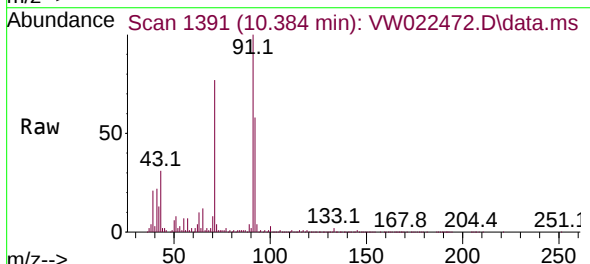
Instrument :
MSVOA_W
ClientSampleId :
ETNP8

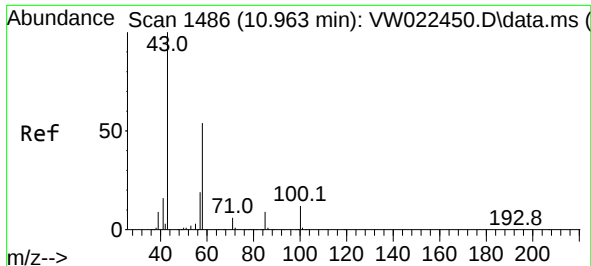
Tgt Ion:	83	Resp:	20845
Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.0	91.6
98	48.2	39.2	58.8



#42
Toluene
Concen: 12.479 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

Tgt Ion:	91	Resp:	432882
Ion	Ratio	Lower	Upper
91	100		
92	57.6	38.0	70.6

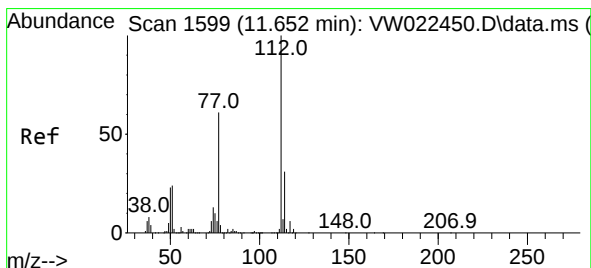
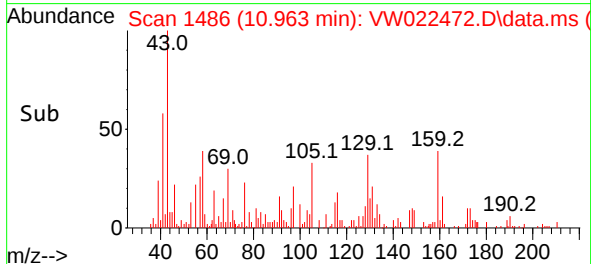
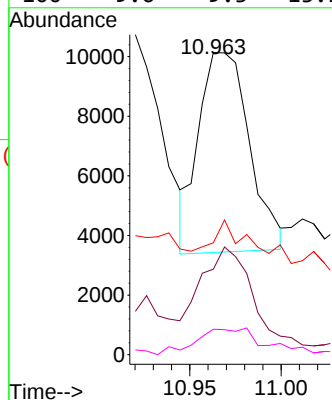
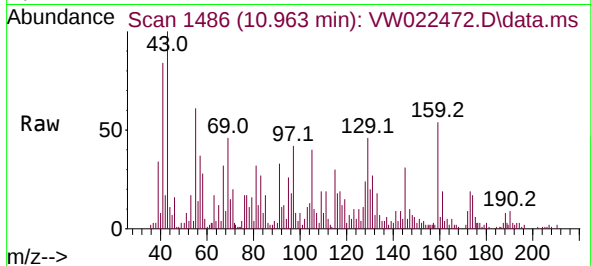




#48
2-Hexanone
Concen: 4.137 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

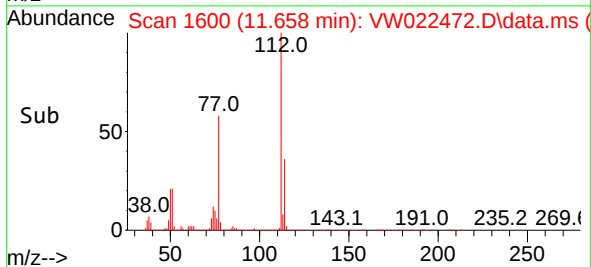
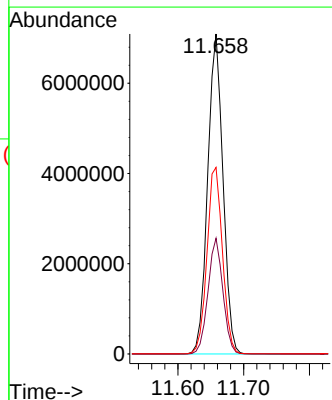
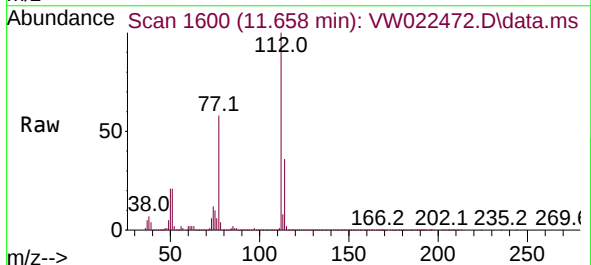
Instrument :
MSVOA_W
ClientSampleId :
ETNP8

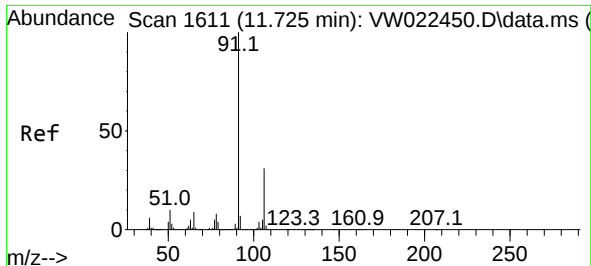
Tgt Ion: 43	Resp: 12918
Ion Ratio	Lower Upper
43 100	
58 55.3	41.6 62.4
57 3.2	14.5 21.7#
100 9.6	9.3 13.9



#51
Chlorobenzene
Concen: 540.832 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

Tgt Ion:112	Resp:11464519		
Ion	Ratio	Lower	Upper
112	100		
114	36.2	20.5	38.1
77	58.3	48.1	72.1

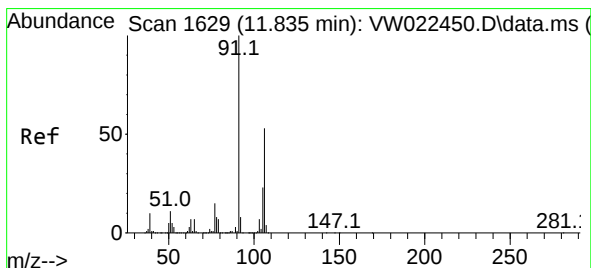
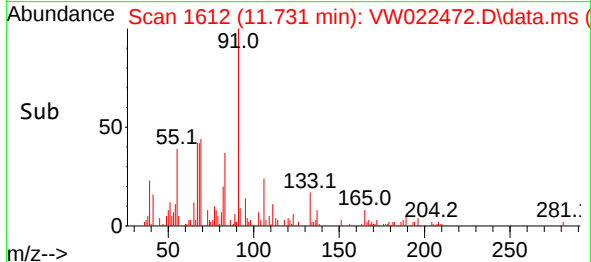
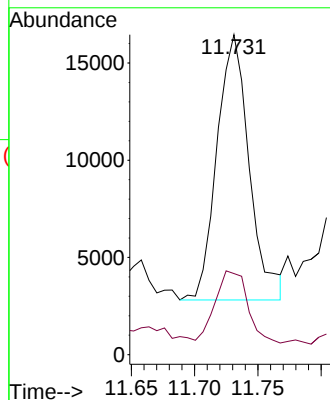
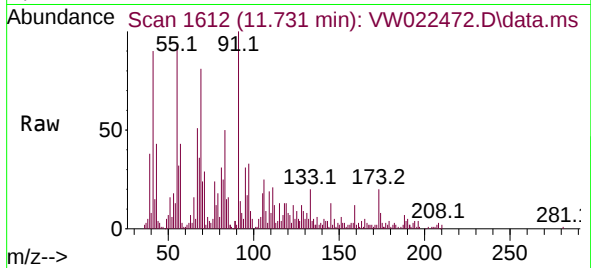




#52
Ethylbenzene
Concen: 0.622 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

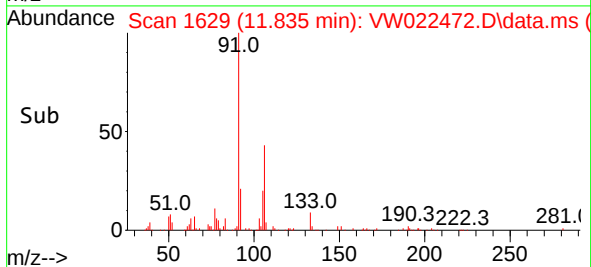
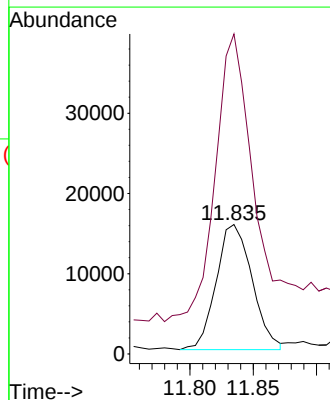
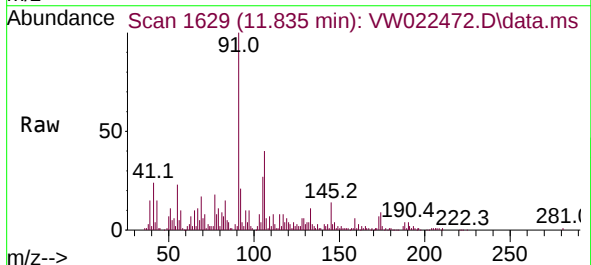
Instrument :
MSVOA_W
ClientSampleId :
ETNP8

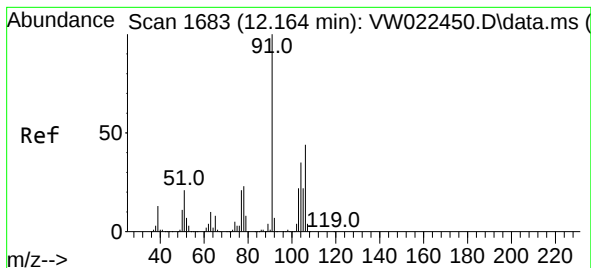
Tgt Ion: 91 Resp: 24183
Ion Ratio Lower Upper
91 100
106 25.3 20.5 38.1



#53
m,p-Xylene
Concen: 2.083 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

Tgt Ion:106 Resp: 30793
Ion Ratio Lower Upper
106 100
91 247.2 149.9 278.5





#54

o-Xylene

Concen: 1.464 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022472.D

Acq: 08 Apr 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :

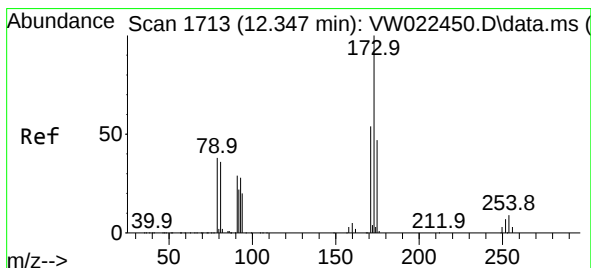
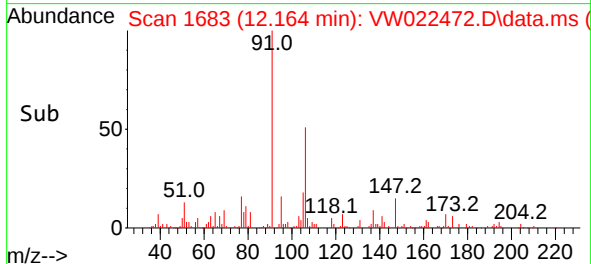
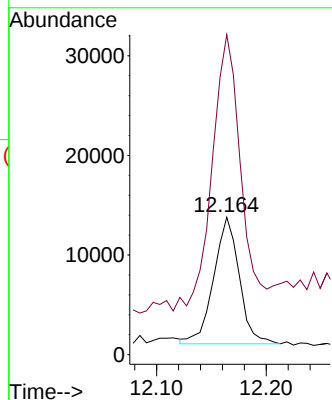
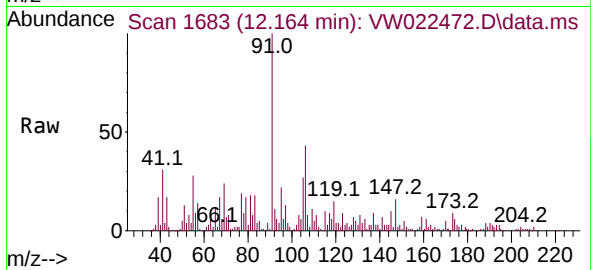
ETNP8

Tgt Ion:106 Resp: 20677

Ion Ratio Lower Upper

106 100

91 232.8 155.3 288.3



#59

Bromoform

Concen: 1.717 ug/L

RT: 12.335 min Scan# 1711

Delta R.T. -0.013 min

Lab File: VW022472.D

Acq: 08 Apr 2022 18:31

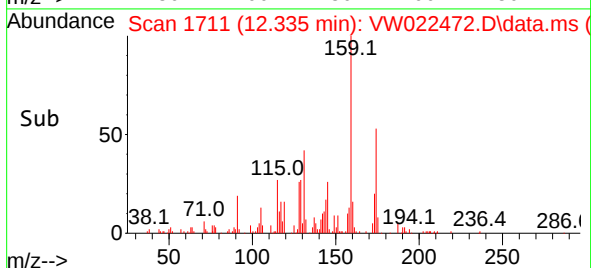
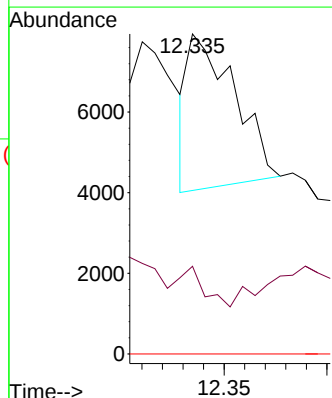
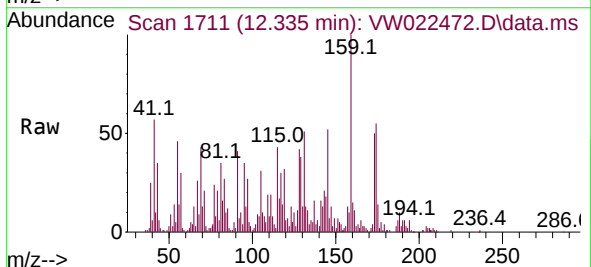
Tgt Ion:173 Resp: 6048

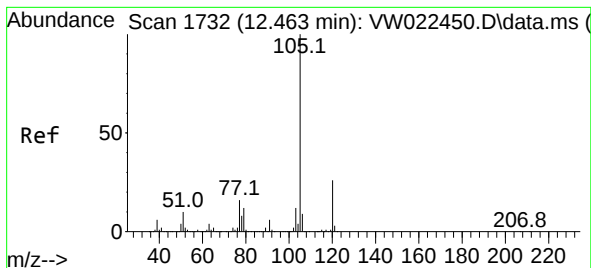
Ion Ratio Lower Upper

173 100

175 23.5 39.2 58.8#

254 0.0 6.6 9.8#





#60

Isopropylbenzene

Concen: 0.479 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022472.D

Acq: 08 Apr 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :

ETNP8

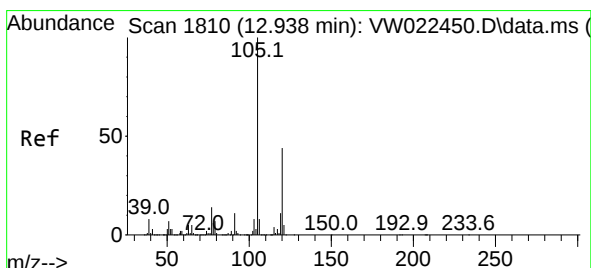
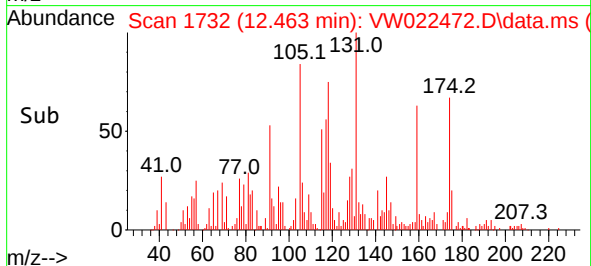
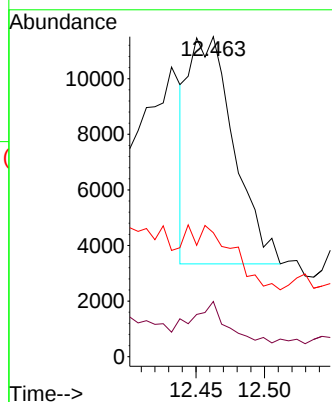
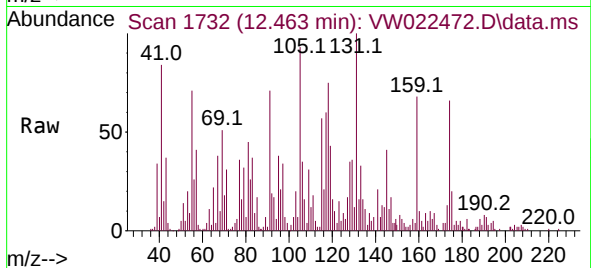
Tgt Ion:105 Resp: 18878

Ion Ratio Lower Upper

105 100

120 14.0 20.9 31.3#

77 3.3 13.7 20.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.420 ug/L

RT: 12.865 min Scan# 1798

Delta R.T. -0.073 min

Lab File: VW022472.D

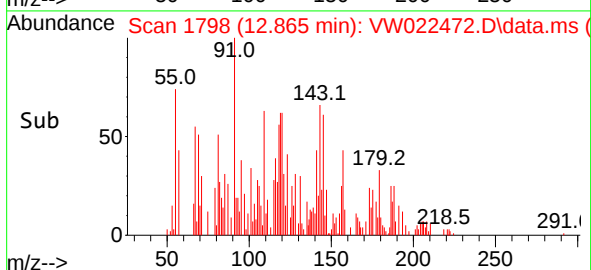
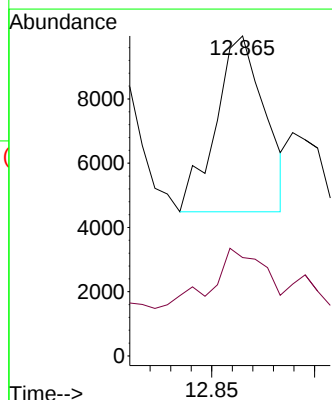
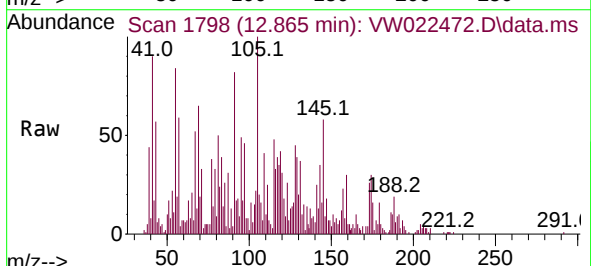
Acq: 08 Apr 2022 18:31

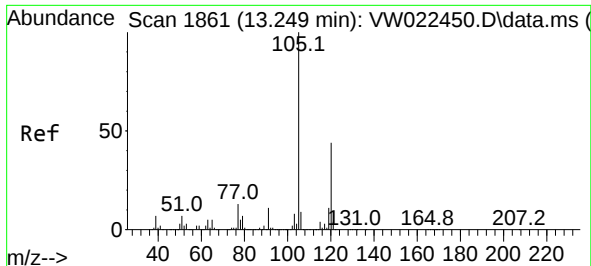
Tgt Ion:105 Resp: 9094

Ion Ratio Lower Upper

105 100

120 38.0 37.5 56.3

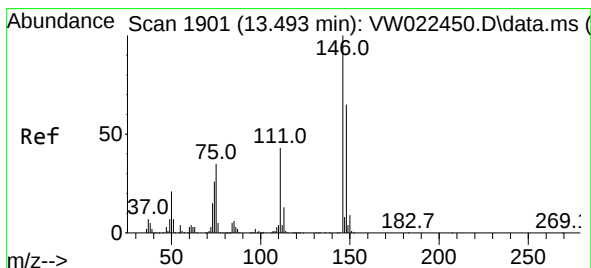
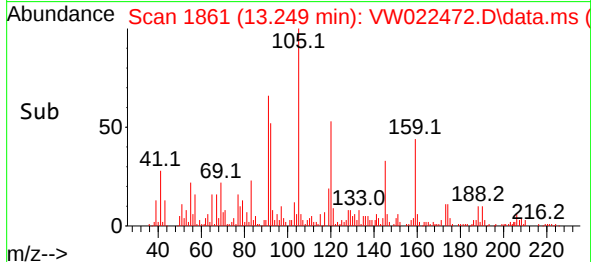
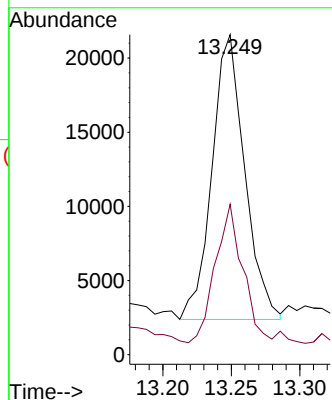
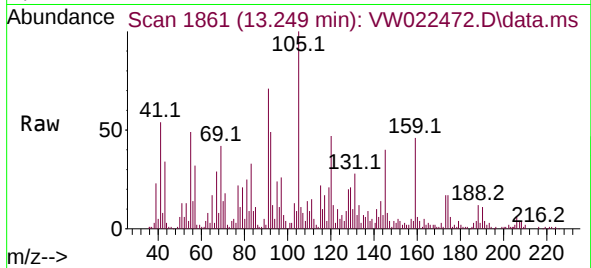




#63
1,2,4-Trimethylbenzene
Concen: 0.969 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

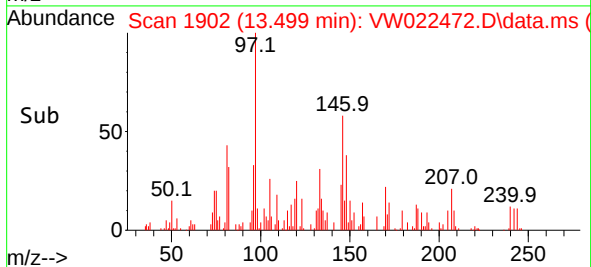
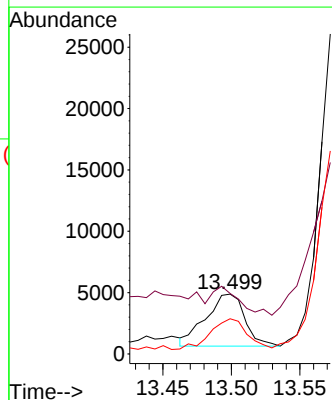
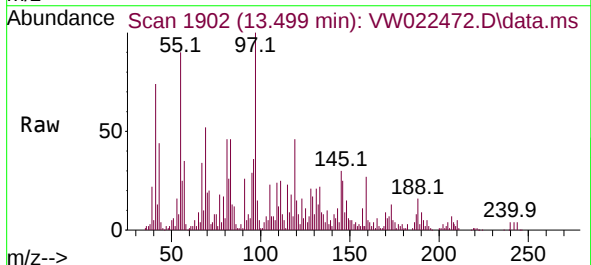
Instrument :
MSVOA_W
ClientSampleId :
ETNP8

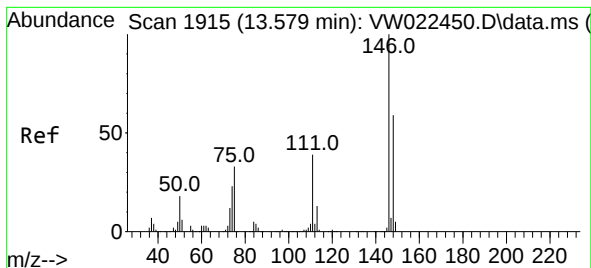
Tgt Ion:105 Resp: 31898
Ion Ratio Lower Upper
105 100
120 40.7 34.2 51.2



#64
1,3-Dichlorobenzene
Concen: 0.524 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

Tgt Ion:146 Resp: 8367
Ion Ratio Lower Upper
146 100
111 101.2 28.2 52.4#
148 58.8 41.9 77.7





#65

1,4-Dichlorobenzene

Concen: 2.624 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW022472.D

Acq: 08 Apr 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :

ETNP8

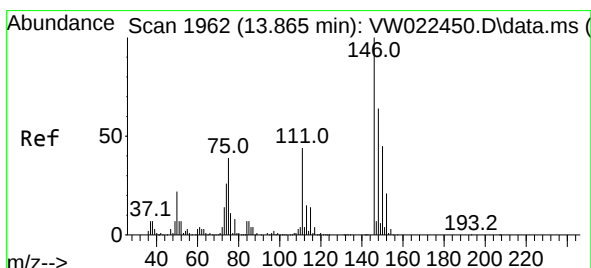
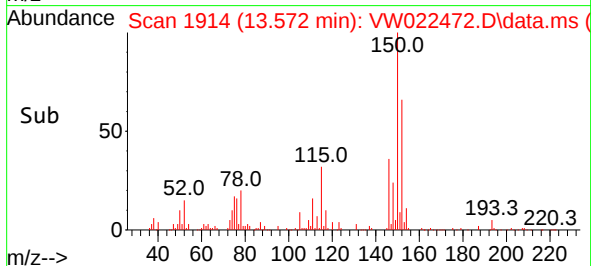
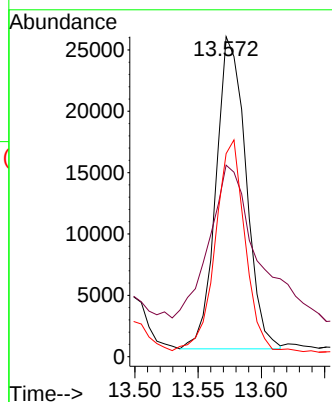
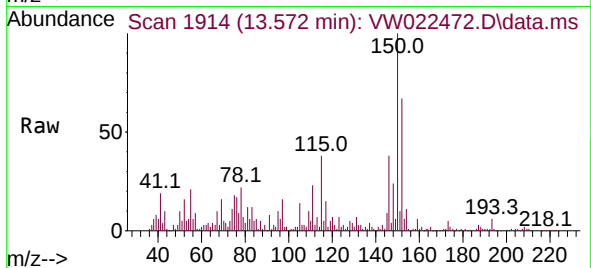
Tgt Ion:146 Resp: 41818

Ion Ratio Lower Upper

146 100

111 59.8 28.5 52.9#

148 63.5 44.4 82.4



#67

1,2-Dichlorobenzene

Concen: 6.340 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW022472.D

Acq: 08 Apr 2022 18:31

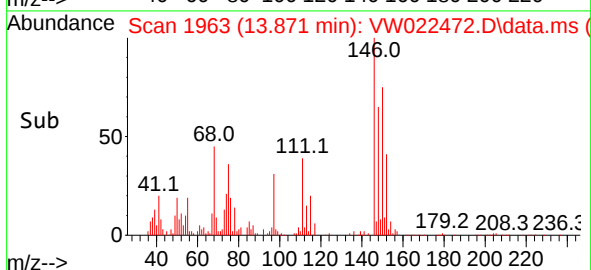
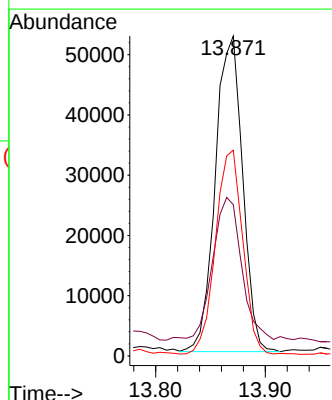
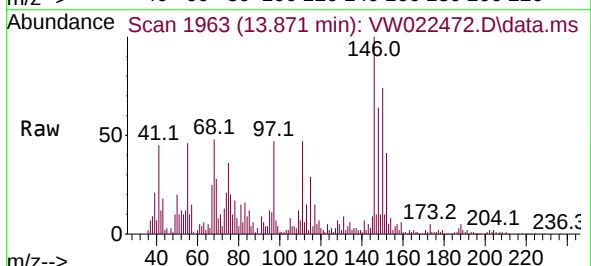
Tgt Ion:146 Resp: 90600

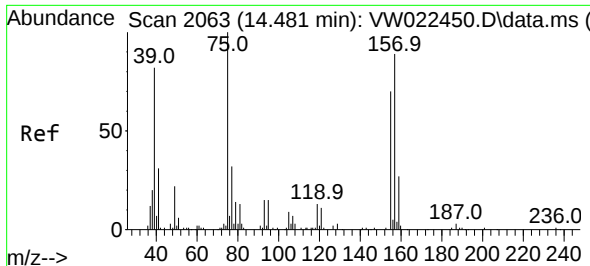
Ion Ratio Lower Upper

146 100

111 47.3 39.0 58.4

148 64.3 52.1 78.1

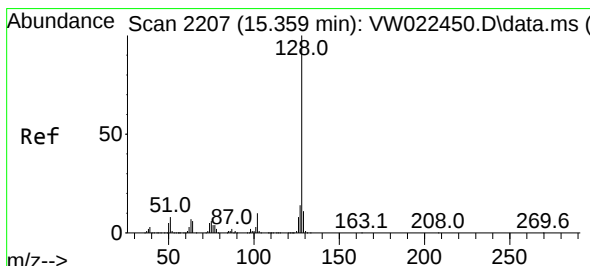
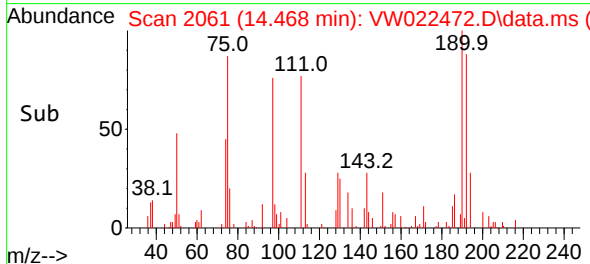
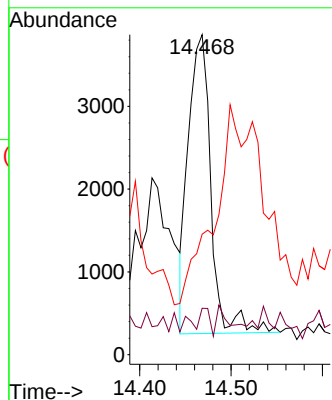
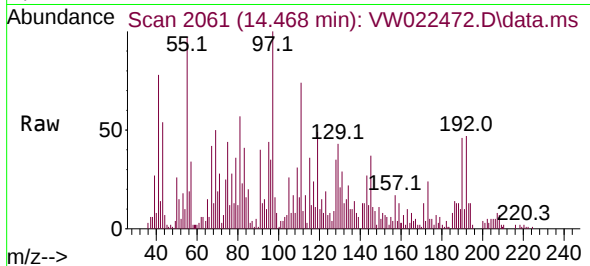




#68
1,2-Dibromo-3-chloropropane
Concen: 5.297 ug/L
RT: 14.468 min Scan# 2061
Delta R.T. -0.013 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

Instrument :
MSVOA_W
ClientSampleId :
ETNP8

Tgt Ion: 75 Resp: 6194
Ion Ratio Lower Upper
75 100
155 14.5 55.6 83.4#
157 37.6 69.8 104.6#



#71
Naphthalene
Concen: 4.610 ug/L
RT: 15.358 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW022472.D
Acq: 08 Apr 2022 18:31

Tgt Ion: 128 Resp: 85137
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.4 8.5 12.7

