

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022463.D
 Acq On : 08 Apr 2022 14:53
 Operator : SY/VA
 Sample : N2293-04RE
 Misc : 7.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNN4

Quant Time: Apr 08 23:34:27 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)

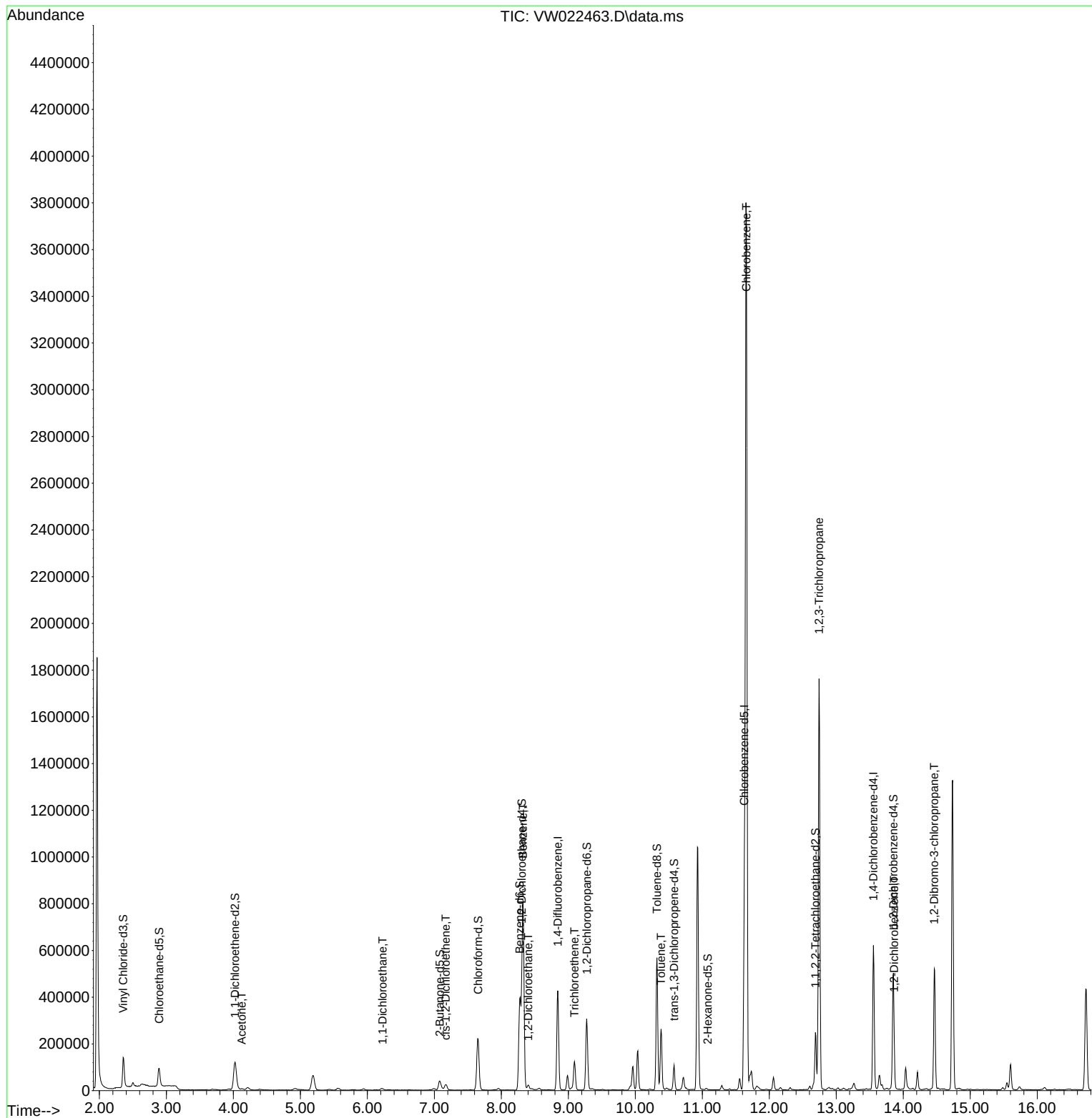
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	327789	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	322005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	141753	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	128384	17.717	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.880%		
7) Chloroethane-d5	2.892	69	89915	19.799	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.200%		
11) 1,1-Dichloroethene-d2	4.025	63	113514	12.078	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.320%		
21) 2-Butanone-d5	7.080	46	66038	52.199	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.400%		
24) Chloroform-d	7.653	84	213856	20.873	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.480%		
26) 1,2-Dichloroethane-d4	8.305	65	133952	22.882	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.520%		
32) Benzene-d6	8.275	84	387272	19.685	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.760%		
36) 1,2-Dichloropropane-d6	9.274	67	124352	21.842	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.360%		
41) Toluene-d8	10.323	98	359308	18.648	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.600%		
43) trans-1,3-Dichloroprop...	10.579	79	52046	19.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.480%		
47) 2-Hexanone-d5	11.079	63	81	0.076	ug/L	0.16
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.160%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	111072	22.945	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.760%		
66) 1,2-Dichlorobenzene-d4	13.853	152	110166	21.941	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.760%		
Target Compounds						Qvalue
13) Acetone	4.123	43	9114	10.581	ug/L	70
19) 1,1-Dichloroethane	6.226	63	8390	0.889	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	12332	2.258	ug/L #	97
27) 1,2-Dichloroethane	8.403	62	17827	2.553	ug/L #	93
33) Benzene	8.323	78	703767	32.191	ug/L	100
34) Trichloroethene	9.092	95	39019	6.666	ug/L	95
42) Toluene	10.384	91	120695	4.818	ug/L	94
51) Chlorobenzene	11.658	112	1897460	123.946	ug/L	98
61) 1,2,3-Trichloropropane	12.743	75	75750	25.121	ug/L #	1
67) 1,2-Dichlorobenzene	13.865	146	9592	1.122	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.463	75	102158	146.077	ug/L #	13

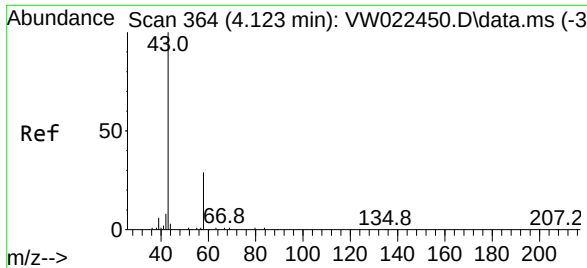
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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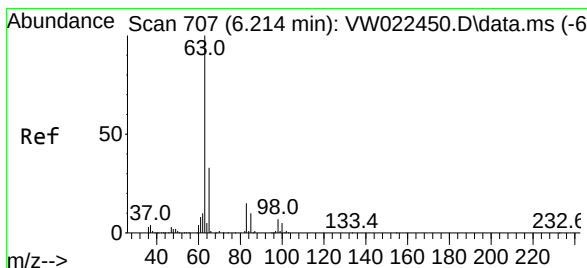
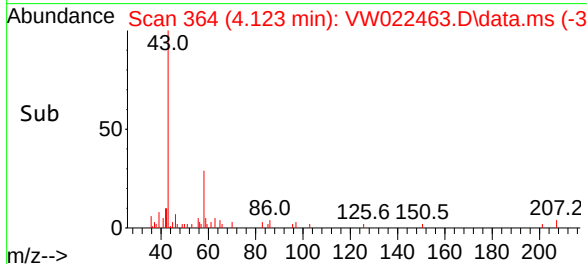
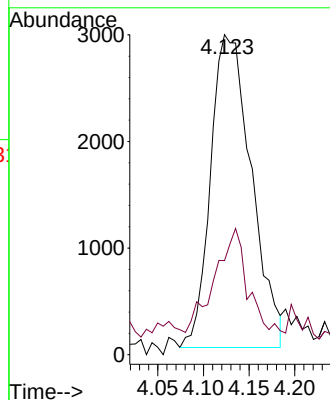
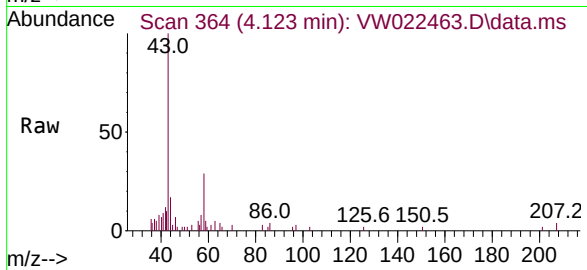




#13
Acetone
Concen: 10.581 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022463.D
Acq: 08 Apr 2022 14:53

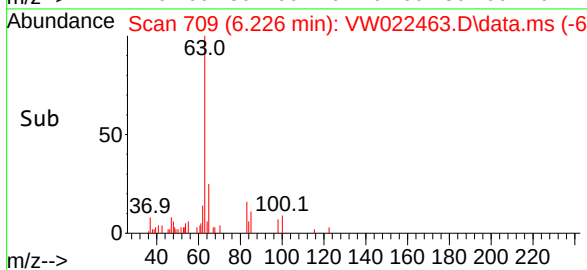
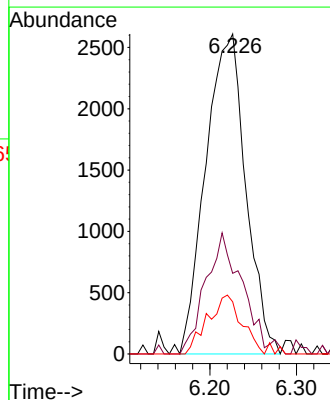
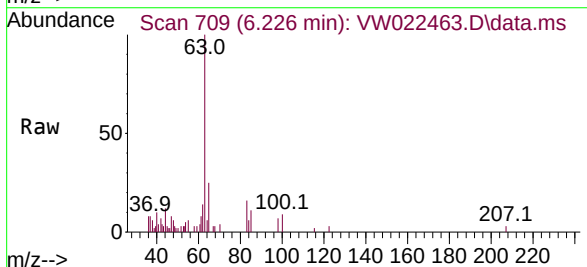
Instrument :
MSVOA_W
ClientSampleId :
ETNN4

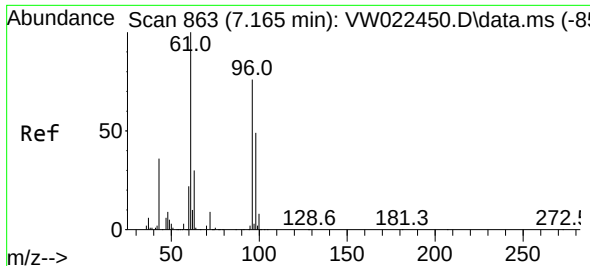
Tgt Ion: 43 Resp: 9114
Ion Ratio Lower Upper
43 100
58 12.6 0.0 57.0



#19
1,1-Dichloroethane
Concen: 0.889 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.012 min
Lab File: VW022463.D
Acq: 08 Apr 2022 14:53

Tgt Ion: 63 Resp: 8390
Ion Ratio Lower Upper
63 100
65 25.2 21.1 39.3
83 16.3 10.1 18.9

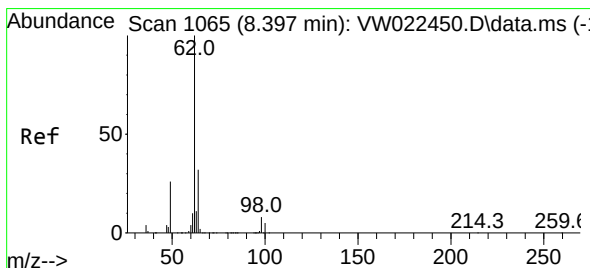
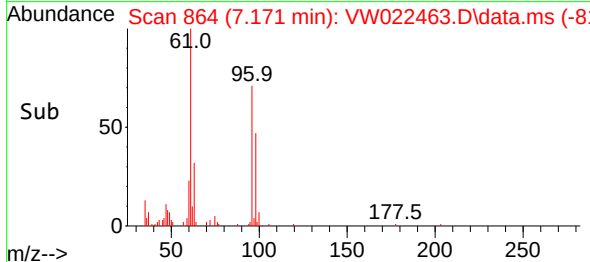
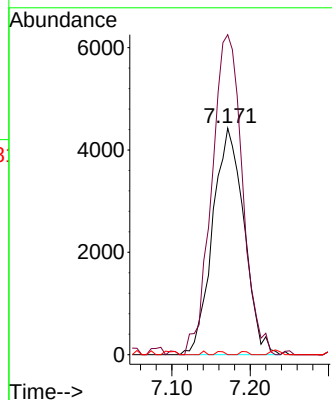
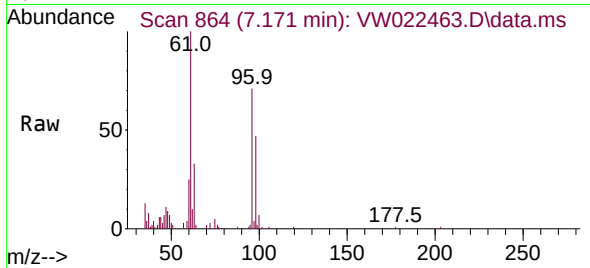




#20
 cis-1,2-Dichloroethene
 Concen: 2.258 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW022463.D
 Acq: 08 Apr 2022 14:53

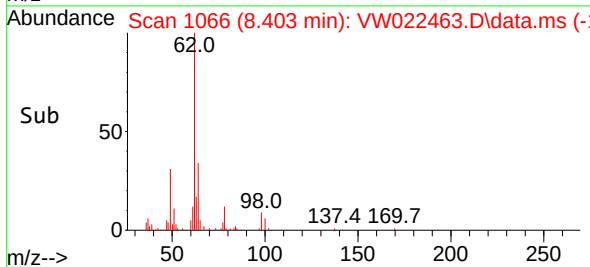
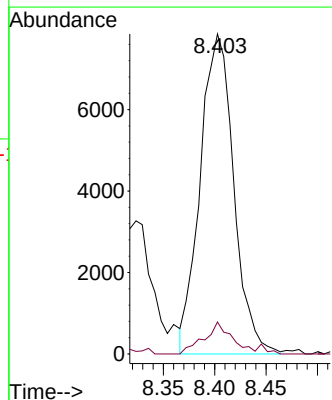
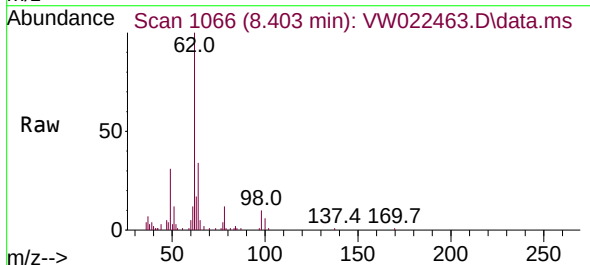
Instrument :
 MSVOA_W
 ClientSampleId :
 ETNN4

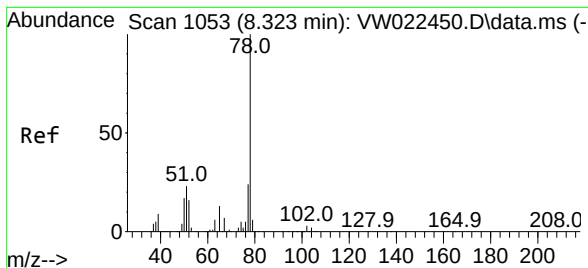
Tgt Ion: 96 Resp: 12332
 Ion Ratio Lower Upper
 96 100
 61 141.2 96.4 179.0
 68 0.0 0.1 0.3#



#27
 1,2-Dichloroethane
 Concen: 2.553 ug/L
 RT: 8.403 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VW022463.D
 Acq: 08 Apr 2022 14:53

Tgt Ion: 62 Resp: 17827
 Ion Ratio Lower Upper
 62 100
 98 10.0 6.2 9.2#





#33

Benzene

Concen: 32.191 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW022463.D

Acq: 08 Apr 2022 14:53

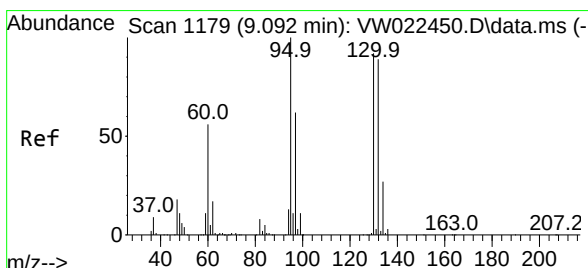
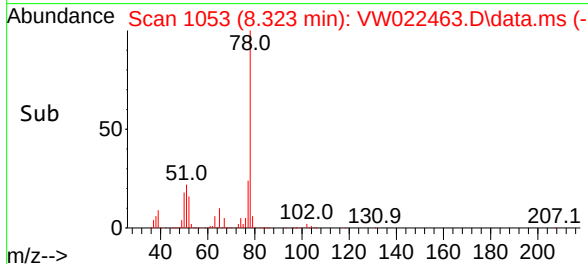
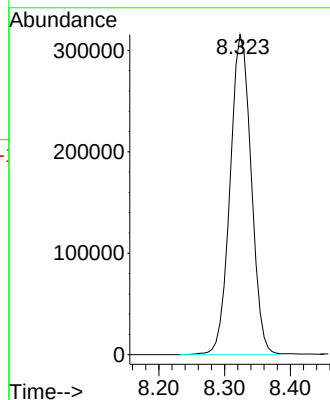
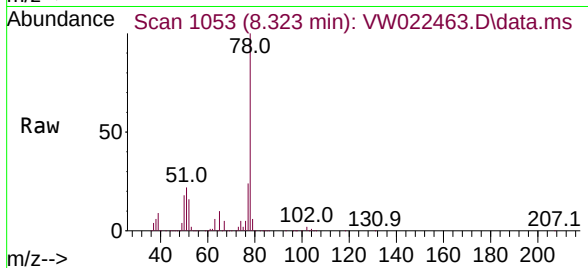
Instrument :

MSVOA_W

ClientSampleId :

ETNN4

Tgt Ion: 78 Resp: 703767



#34

Trichloroethene

Concen: 6.666 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022463.D

Acq: 08 Apr 2022 14:53

Tgt Ion: 95 Resp: 39019

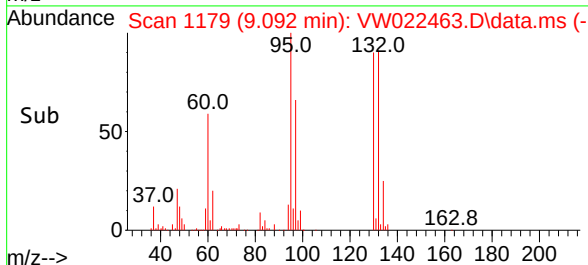
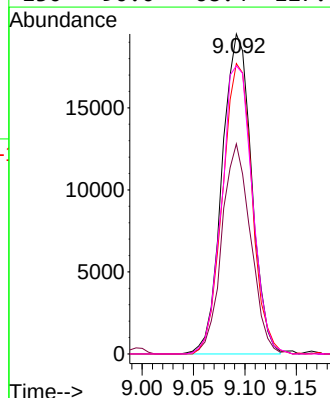
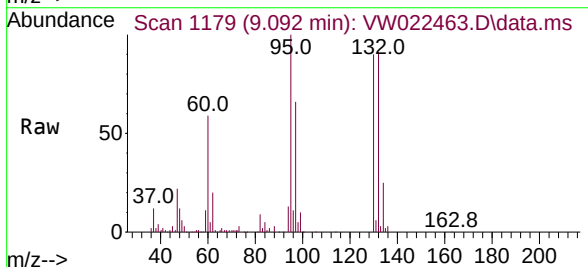
Ion Ratio Lower Upper

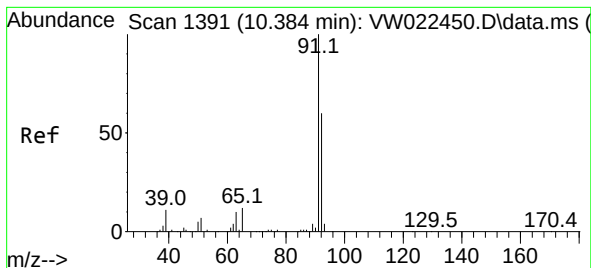
95 100

97 65.7 46.4 86.2

132 90.8 67.4 125.2

130 90.0 68.4 127.0





#42

Toluene

Concen: 4.818 ug/L

RT: 10.384 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022463.D

Acq: 08 Apr 2022 14:53

Instrument :

MSVOA_W

ClientSampleId :

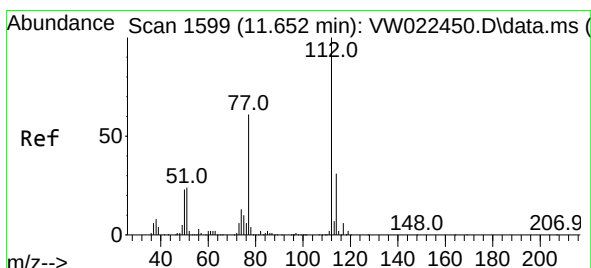
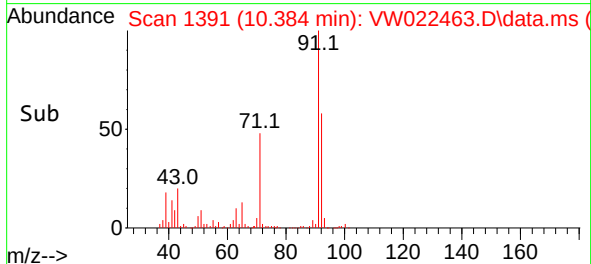
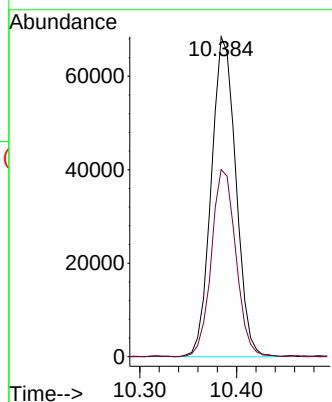
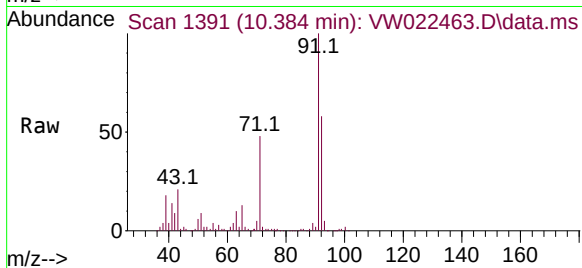
ETNN4

Tgt Ion: 91 Resp: 120695

Ion Ratio Lower Upper

91 100

92 58.4 38.0 70.6



#51

Chlorobenzene

Concen: 123.946 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022463.D

Acq: 08 Apr 2022 14:53

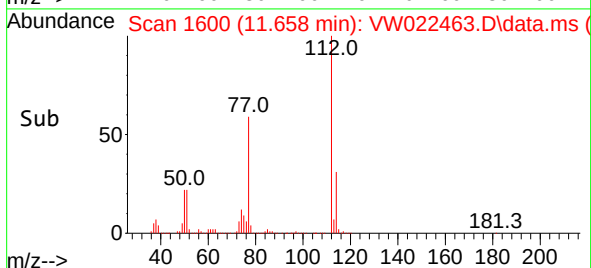
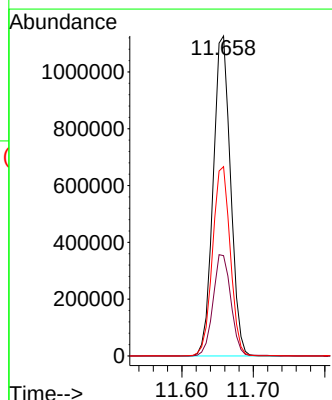
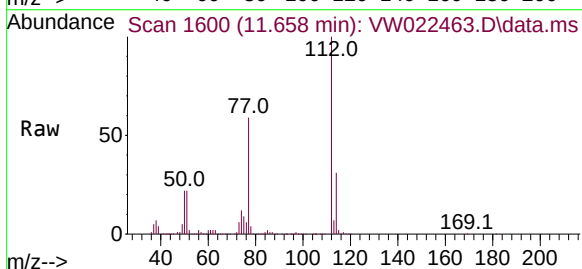
Tgt Ion:112 Resp: 1897460

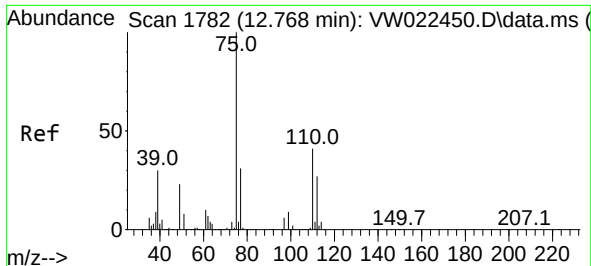
Ion Ratio Lower Upper

112 100

114 31.3 20.5 38.1

77 59.2 48.1 72.1

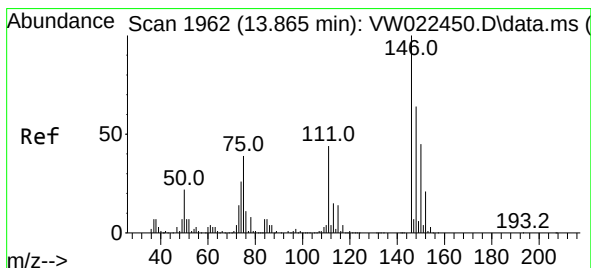
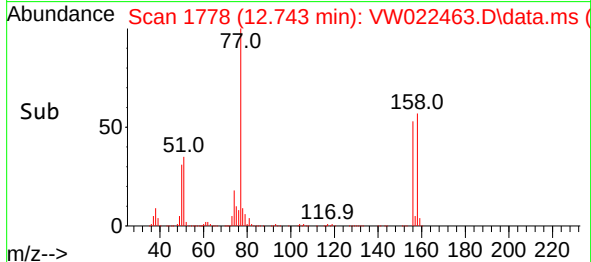
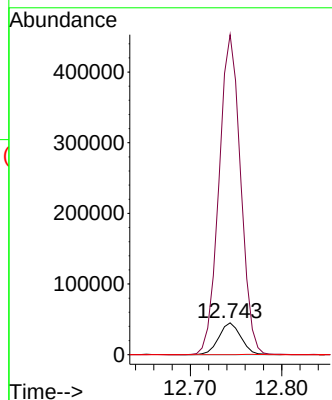
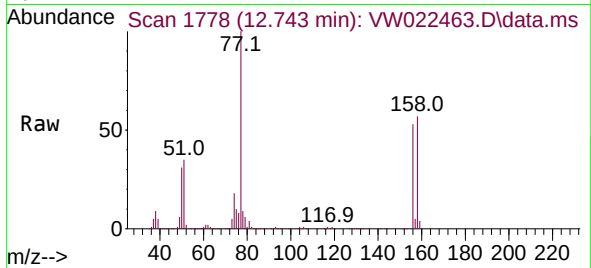




#61
1,2,3-Trichloropropane
Concen: 25.121 ug/L
RT: 12.743 min Scan# 1
Delta R.T. -0.024 min
Lab File: VW022463.D
Acq: 08 Apr 2022 14:53

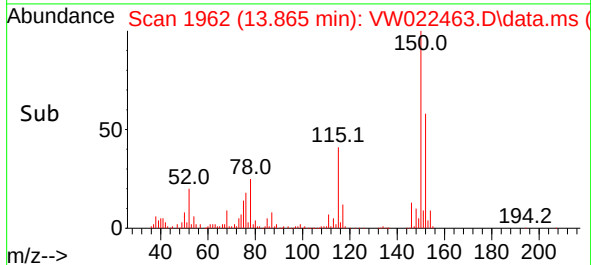
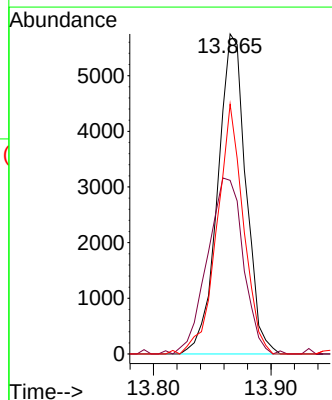
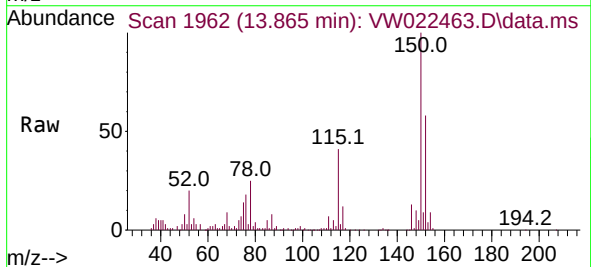
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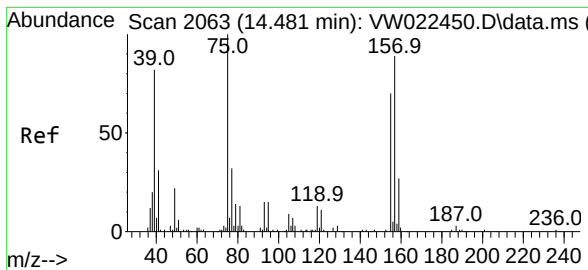
Tgt Ion: 75 Resp: 75750
Ion Ratio Lower Upper
75 100
77 985.8 25.7 38.5#
110 0.0 31.8 47.6#



#67
1,2-Dichlorobenzene
Concen: 1.122 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022463.D
Acq: 08 Apr 2022 14:53

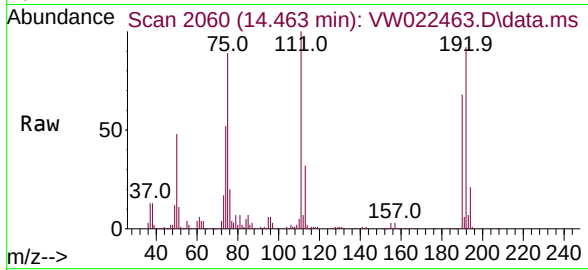
Tgt Ion:146 Resp: 9592
Ion Ratio Lower Upper
146 100
111 54.3 39.0 58.4
148 78.1 52.1 78.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 146.077 ug/L
 RT: 14.463 min Scan# 2060
 Delta R.T. -0.018 min
 Lab File: VW022463.D
 Acq: 08 Apr 2022 14:53

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNN4



Tgt Ion: 75 Resp: 102158
 Ion Ratio Lower Upper
 75 100
 155 3.1 55.6 83.4#
 157 3.0 69.8 104.6#

