

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023123.D
 Acq On : 18 May 2022 11:45
 Operator : SY/VA
 Sample : N2883-06MSDRE
 Misc : 5.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MSDRE

Quant Time: May 19 01:22:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 01:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	346638	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	305854	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	139564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	158937	22.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.400%
7) Chloroethane-d5	2.885	69	119980	25.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.720%
11) 1,1-Dichloroethene-d2	4.019	63	207384	22.568	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.280%
21) 2-Butanone-d5	7.079	46	74323	54.965	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.940%
24) Chloroform-d	7.653	84	281175	27.686	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.760%
26) 1,2-Dichloroethane-d4	8.305	65	153225	27.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.040%
32) Benzene-d6	8.274	84	531505	30.149	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.600%
36) 1,2-Dichloropropane-d6	9.274	67	155448	31.390	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.560%#
41) Toluene-d8	10.323	98	497972	29.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.960%
43) trans-1,3-Dichloroprop...	10.579	79	67501	29.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.400%
47) 2-Hexanone-d5	10.920	63	63915	67.610	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.220%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136319	29.534	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	140386	28.775	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	19686	10.418	ug/L	91
3) Chloromethane	2.214	50	63283	17.331	ug/L	99
5) Vinyl chloride	2.361	62	114896	15.678	ug/L	95
6) Bromomethane	2.775	94	64548	13.719	ug/L	97
8) Chloroethane	2.922	64	60782	17.196	ug/L	98
9) Trichlorofluoromethane	3.257	101	57708	17.229	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	85965	17.165	ug/L	98
12) 1,1-Dichloroethene	4.043	96	76768	17.291	ug/L	92
13) Acetone	4.123	43	90761	89.653	ug/L	99
14) Carbon disulfide	4.385	76	155626	12.786	ug/L	97
15) Methyl Acetate	4.671	43	38291	18.827	ug/L	99
16) Methylene chloride	4.915	84	90210	17.785	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	80095	16.031	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	165042	21.640	ug/L	99
19) 1,1-Dichloroethane	6.214	63	164488	19.425	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	99324	18.509	ug/L #	94
22) 2-Butanone	7.171	43	68239	48.199	ug/L	100
23) Bromochloromethane	7.512	128	47120	18.749	ug/L	93
25) Chloroform	7.677	83	188208	20.101	ug/L	94

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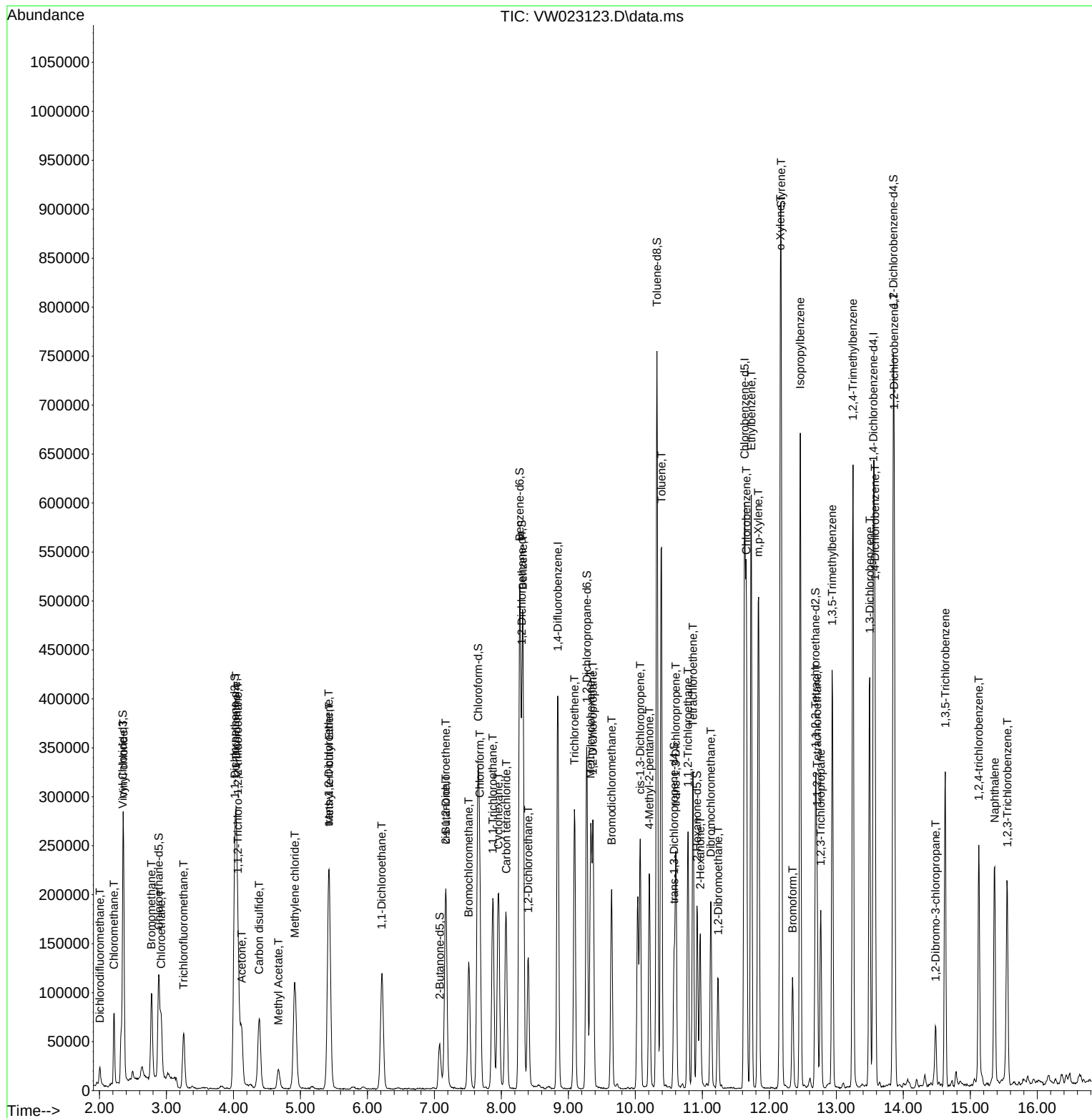
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	117080	18.759	ug/L	98
29) Cyclohexane	7.957	56	105780	15.992	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	156388	21.637	ug/L	100
31) Carbon tetrachloride	8.073	117	133945	19.811	ug/L	100
33) Benzene	8.323	78	367685	20.407	ug/L	100
34) Trichloroethene	9.091	95	97373	19.651	ug/L	96
35) Methylcyclohexane	9.335	83	112142	13.776	ug/L	97
37) 1,2-Dichloropropane	9.366	63	92361	21.182	ug/L	99
38) Bromodichloromethane	9.646	83	130751	21.112	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	142086	21.016	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	135236	49.207	ug/L	97
42) Toluene	10.390	91	413371	20.471	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	128059	21.221	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	83075	22.791	ug/L	99
46) Tetrachloroethene	10.859	164	66037	17.734	ug/L	89
48) 2-Hexanone	10.969	43	95663	52.096	ug/L	98
49) Dibromochloromethane	11.128	129	94139	21.459	ug/L	95
50) 1,2-Dibromoethane	11.237	107	73468	20.073	ug/L	94
51) Chlorobenzene	11.658	112	258354	19.407	ug/L	97
52) Ethylbenzene	11.731	91	427672	19.037	ug/L	98
53) m,p-Xylene	11.835	106	166000	18.754	ug/L	100
54) o-Xylene	12.164	106	168557	19.844	ug/L	92
55) Styrene	12.176	104	277129	19.200	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	94318	20.717	ug/L	96
59) Bromoform	12.347	173	46456	23.488	ug/L	97
60) Isopropylbenzene	12.463	105	428749	22.425	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	70440	25.260	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	224063	21.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	345775	21.649	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	167618	19.636	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	164761	18.686	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	161849	20.719	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	14146	23.211	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	88597	15.636	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	68683	15.068	ug/L	94
71) Naphthalene	15.365	128	193790	19.561	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	62462	15.462	ug/L	99

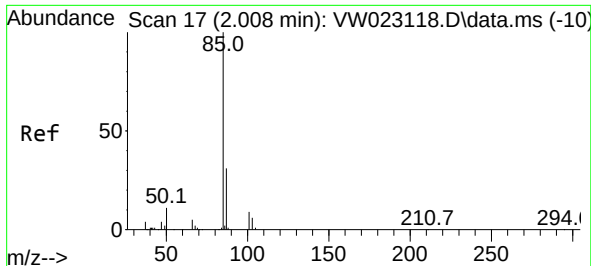
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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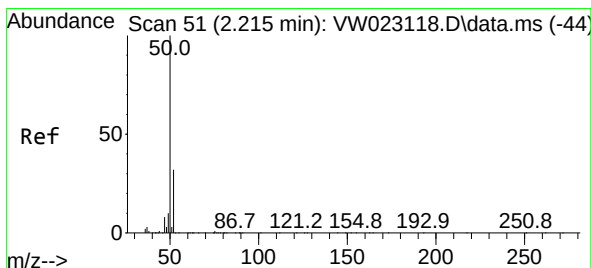
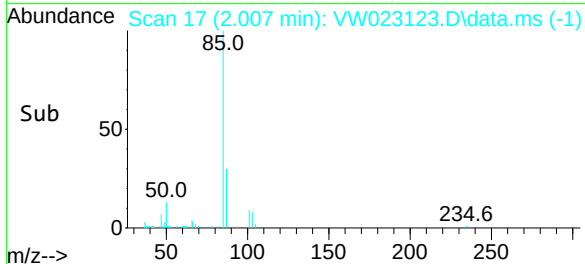
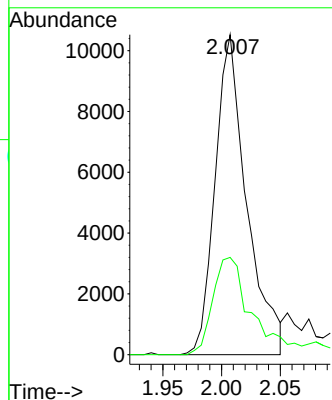
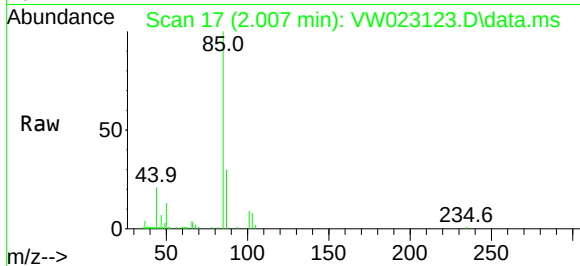




#2
 Dichlorodifluoromethane
 Concen: 10.418 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

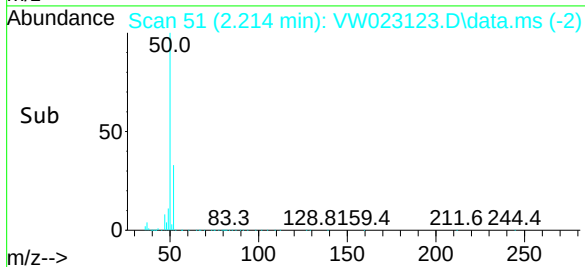
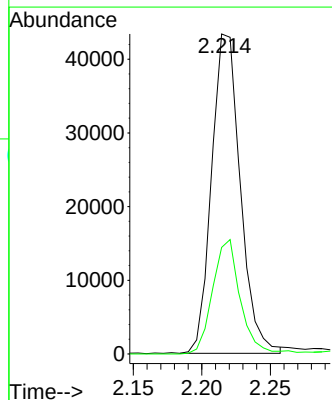
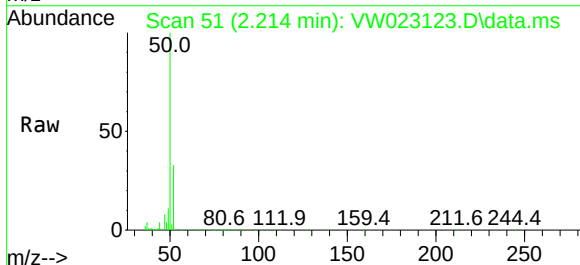
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MSDRE

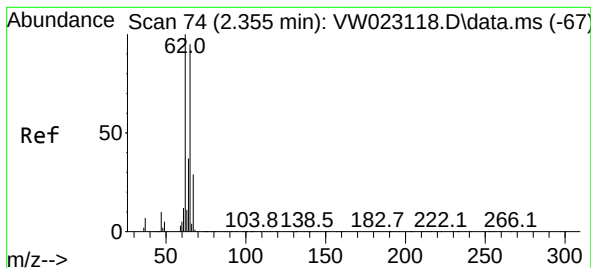
Tgt Ion: 85 Resp: 19686
 Ion Ratio Lower Upper
 85 100
 87 29.6 27.8 41.8



#3
 Chloromethane
 Concen: 17.331 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

Tgt Ion: 50 Resp: 63283
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.1 42.9





#5

Vinyl chloride

Concen: 15.678 ug/L

RT: 2.361 min Scan# 71

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

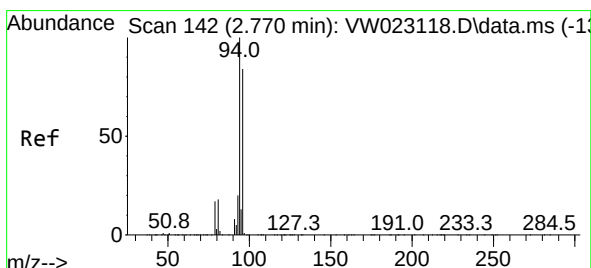
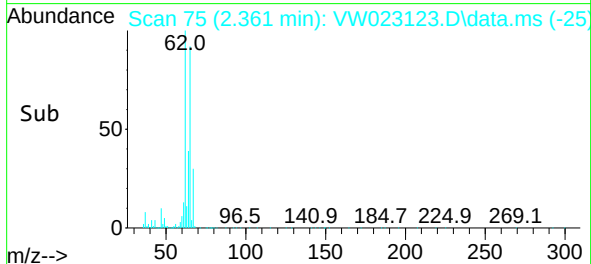
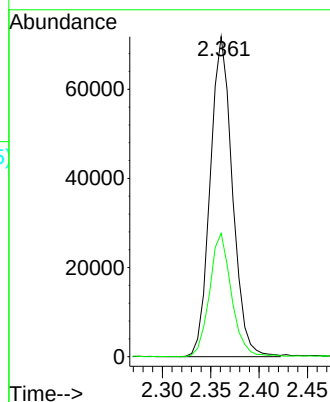
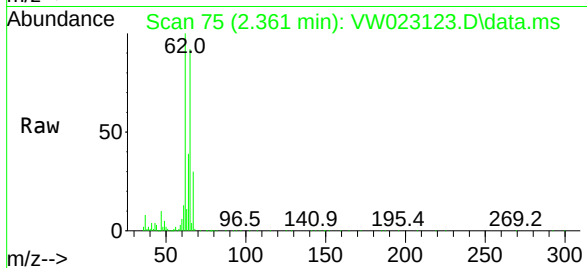
EW4K6MSDRE

Tgt Ion: 62 Resp: 114896

Ion Ratio Lower Upper

62 100

64 38.6 24.9 46.3



#6

Bromomethane

Concen: 13.719 ug/L

RT: 2.775 min Scan# 143

Delta R.T. 0.006 min

Lab File: VW023123.D

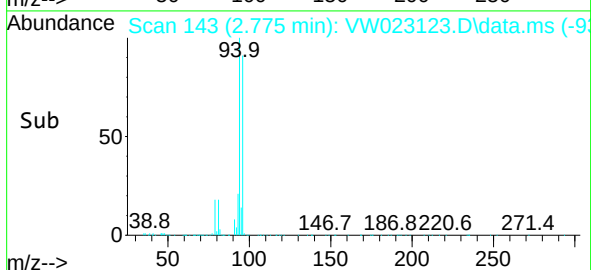
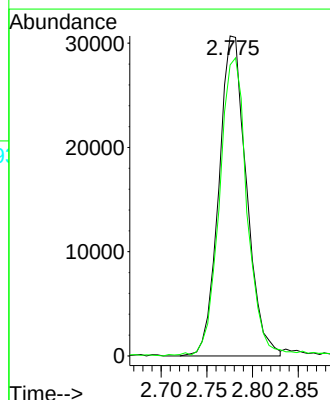
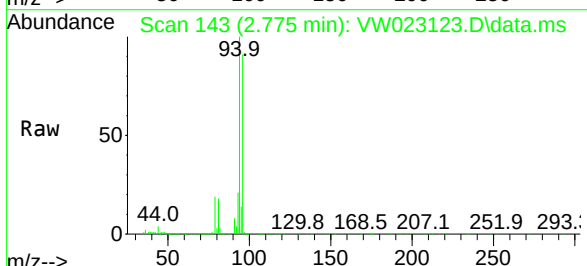
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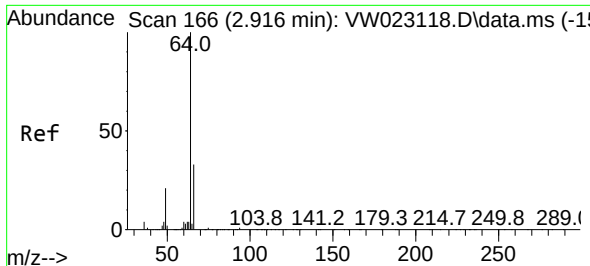
Tgt Ion: 94 Resp: 64548

Ion Ratio Lower Upper

94 100

96 90.9 61.7 114.5

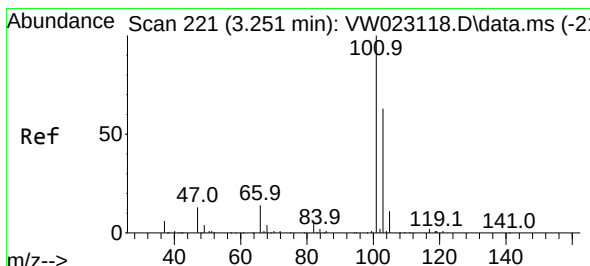
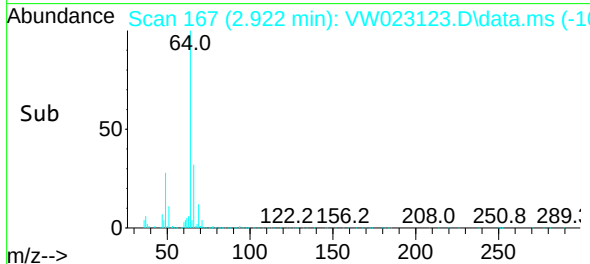
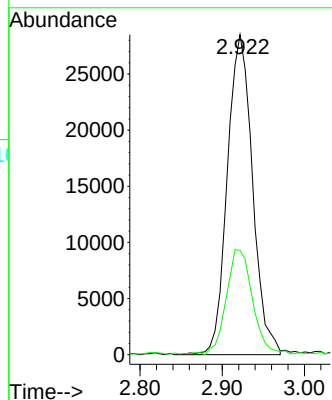
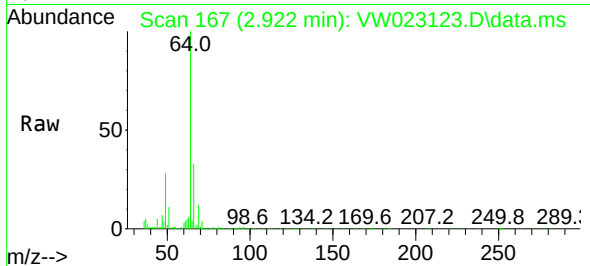




#8
Chloroethane
Concen: 17.196 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

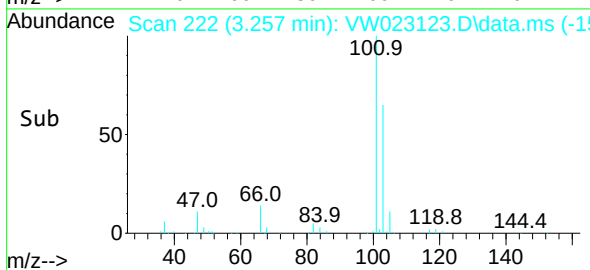
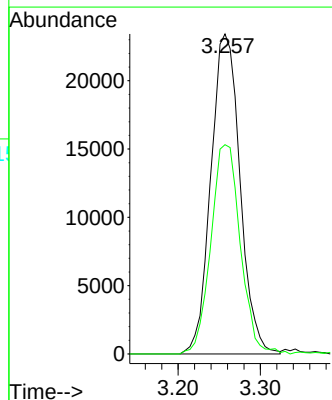
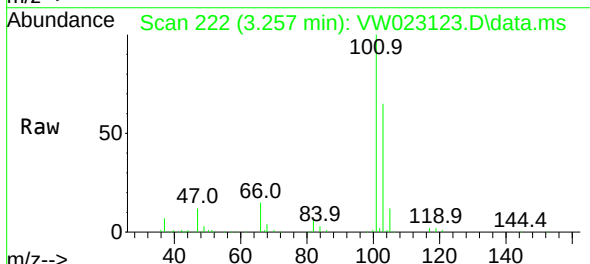
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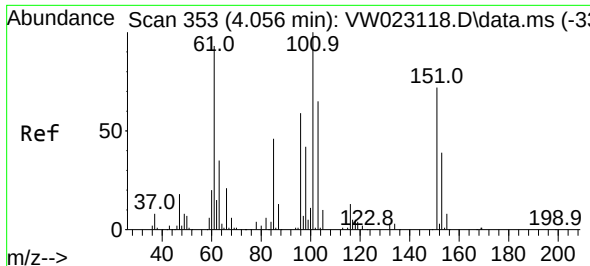
Tgt Ion: 64 Resp: 60782
Ion Ratio Lower Upper
64 100
66 32.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 17.229 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

Tgt Ion: 101 Resp: 57708
Ion Ratio Lower Upper
101 100
103 65.6 53.9 80.9

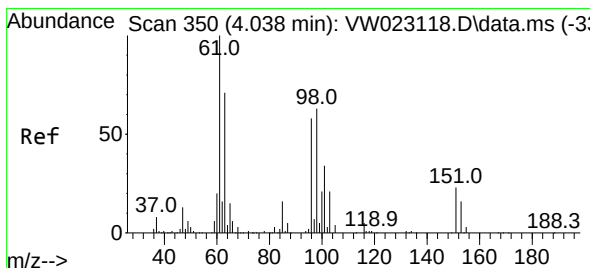
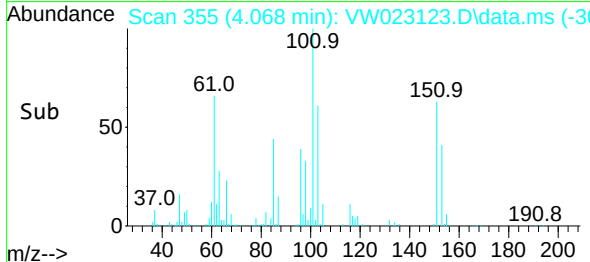
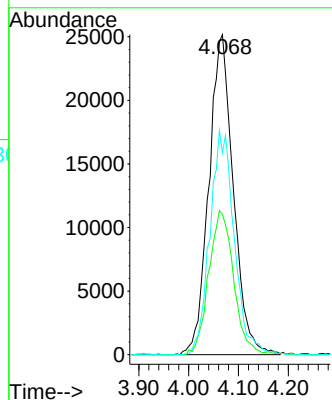
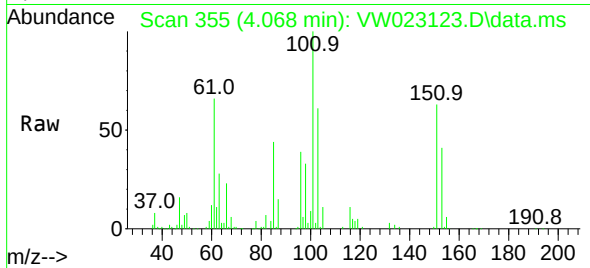




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.165 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.012 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

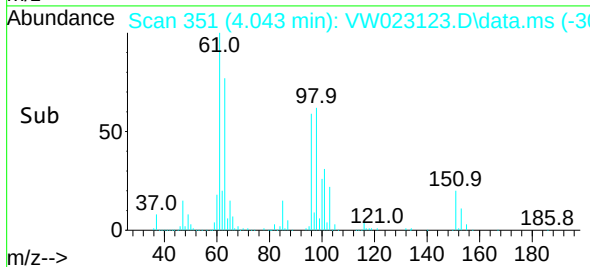
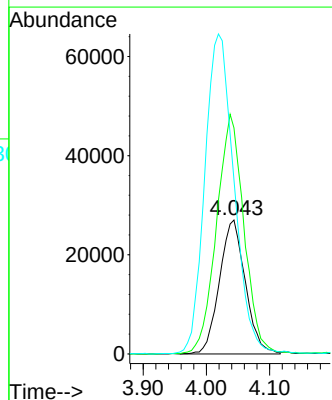
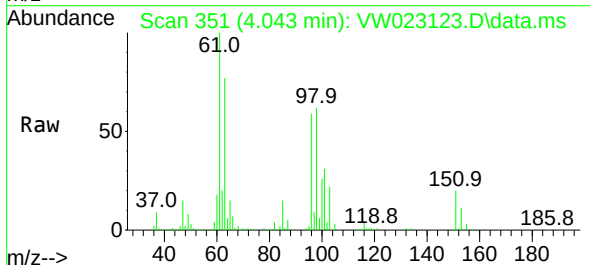
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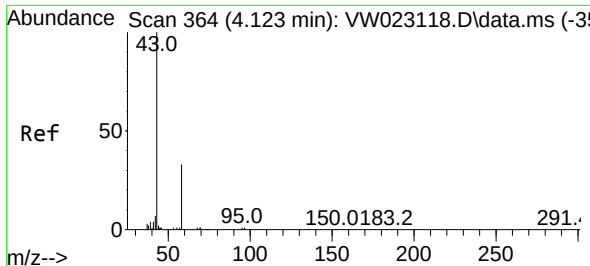
Tgt Ion:101 Resp: 85965
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.3 51.5
 151 67.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 17.291 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

Tgt Ion: 96 Resp: 76768
 Ion Ratio Lower Upper
 96 100
 61 168.9 125.7 233.5
 63 130.1 83.4 155.0

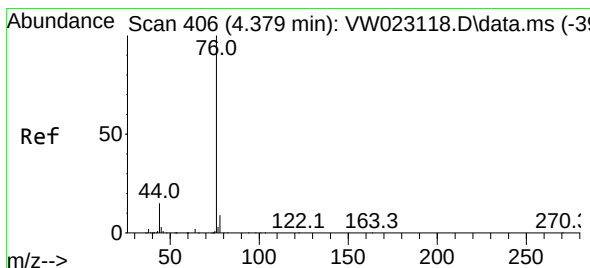
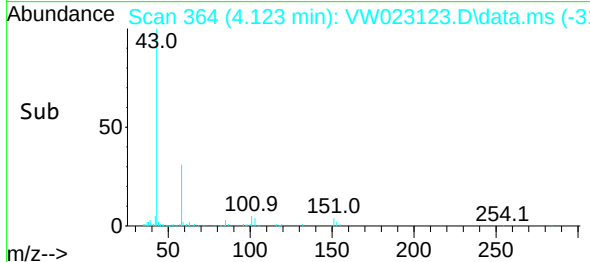
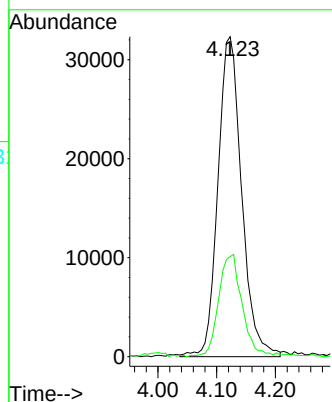
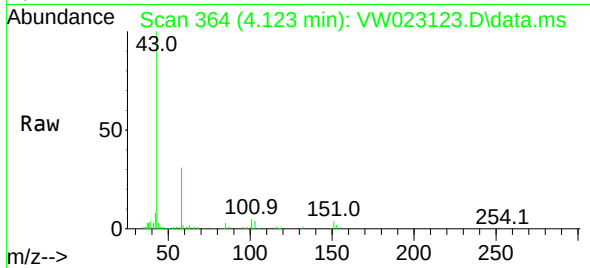




#13
Acetone
Concen: 89.653 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.000 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

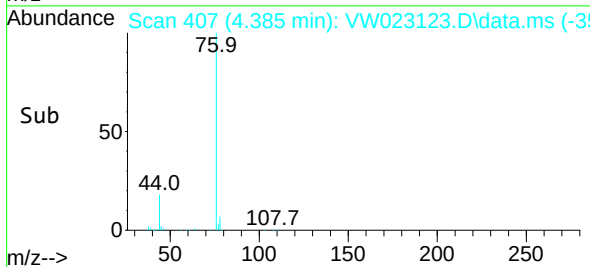
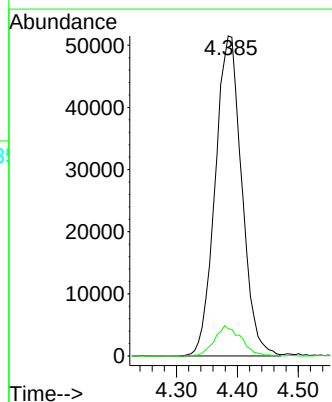
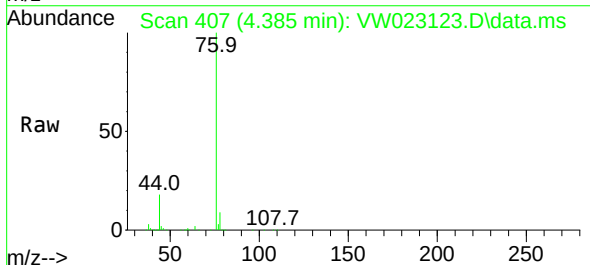
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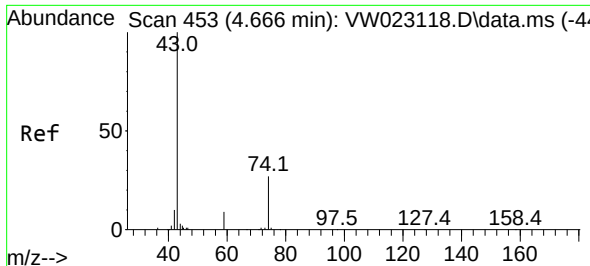
Tgt Ion: 43 Resp: 90761
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.0



#14
Carbon disulfide
Concen: 12.786 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 155626
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5

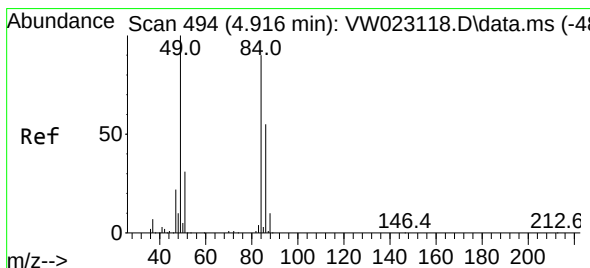
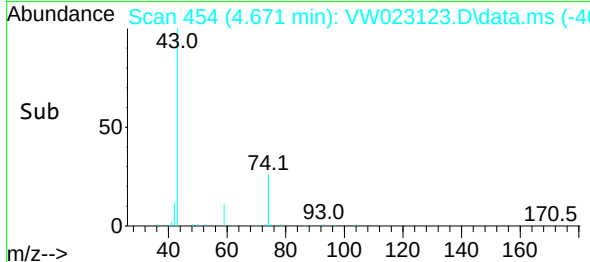
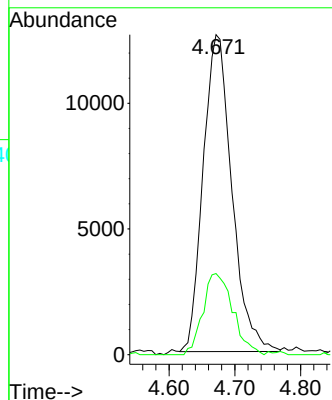
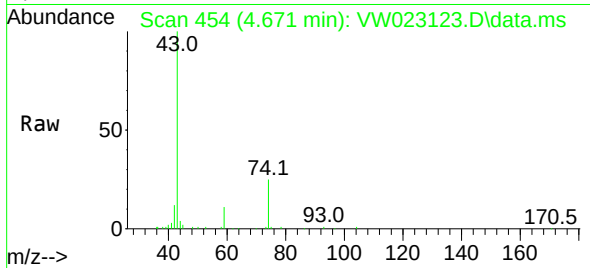




#15
Methyl Acetate
Concen: 18.827 ug/L
RT: 4.671 min Scan# 453
Delta R.T. 0.006 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

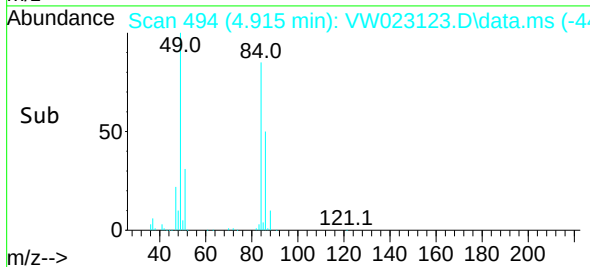
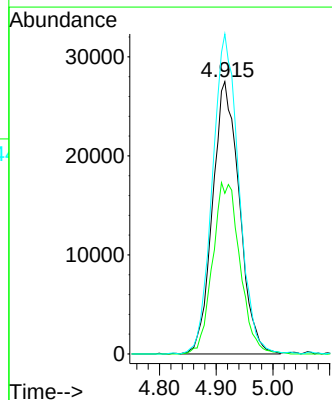
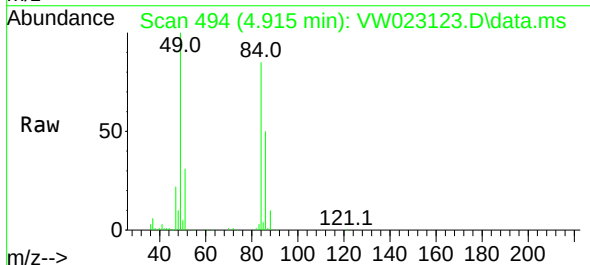
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSDRE

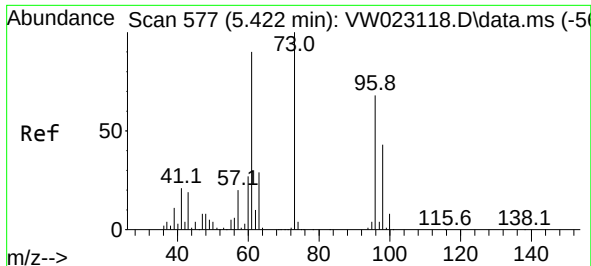
Tgt Ion: 43 Resp: 38291
Ion Ratio Lower Upper
43 100
74 26.6 21.9 32.9



#16
Methylene chloride
Concen: 17.785 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

Tgt Ion: 84 Resp: 90210
Ion Ratio Lower Upper
84 100
86 59.0 45.4 84.4
49 117.5 82.5 153.1

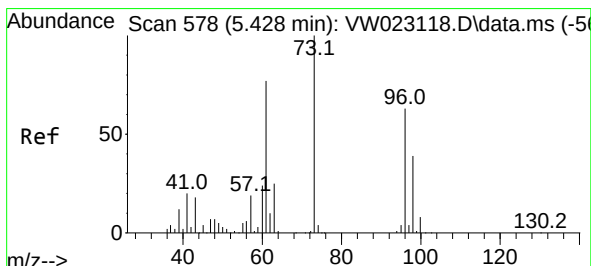
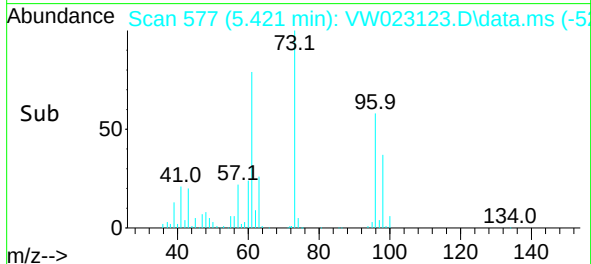
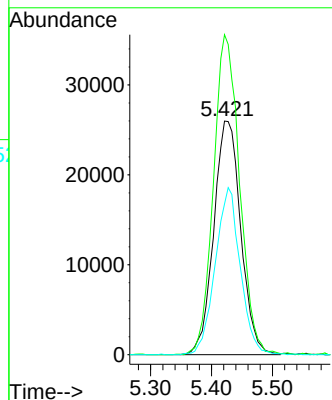
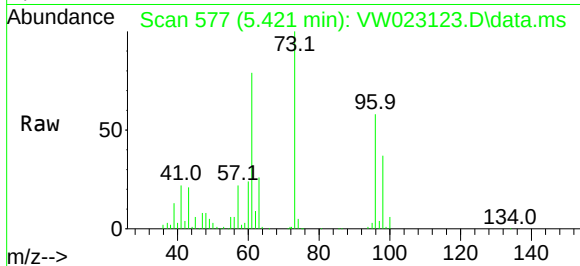




#17
 trans-1,2-Dichloroethene
 Concen: 16.031 ug/L
 RT: 5.421 min Scan# 577
 Delta R.T. -0.000 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

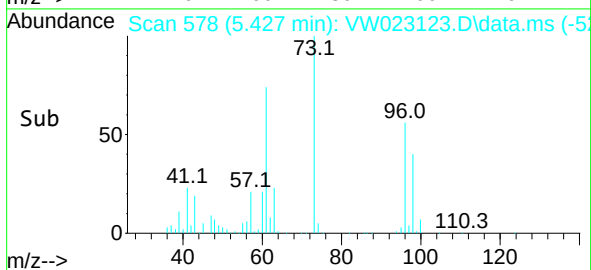
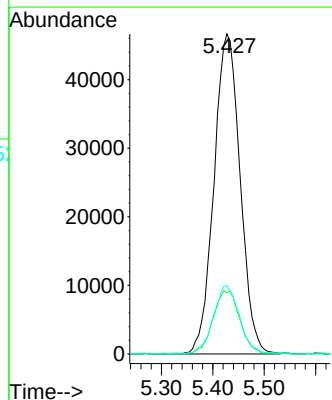
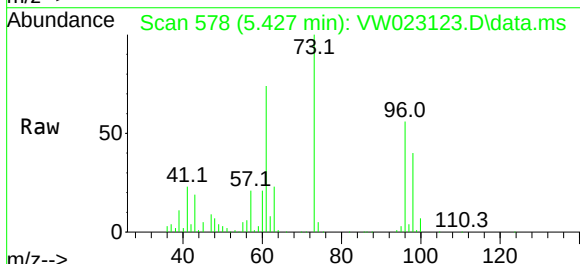
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MSDRE

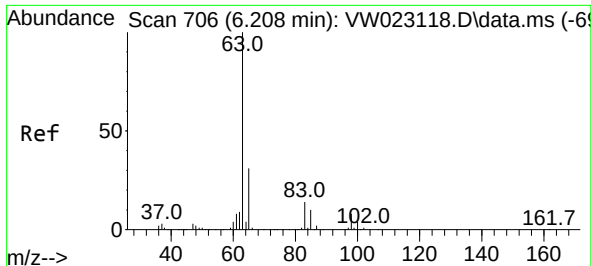
Tgt Ion:	96	Resp:	80095
Ion	Ratio	Lower	Upper
96	100		
61	137.0	92.2	171.2
98	64.5	42.9	79.7



#18
 Methyl tert-butyl Ether
 Concen: 21.640 ug/L
 RT: 5.427 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

Tgt Ion:	73	Resp:	165042
Ion	Ratio	Lower	Upper
73	100		
43	20.3	15.9	23.9
57	21.0	16.5	24.7





#19

1,1-Dichloroethane

Concen: 19.425 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

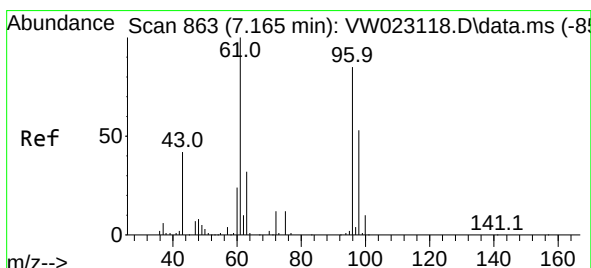
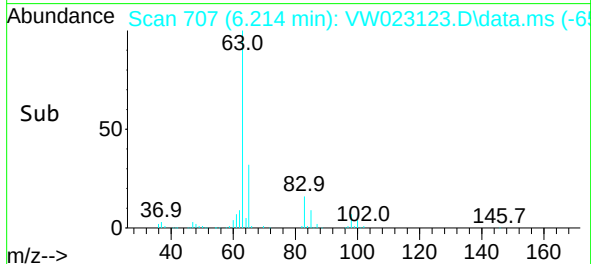
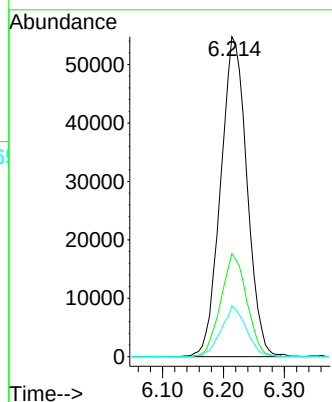
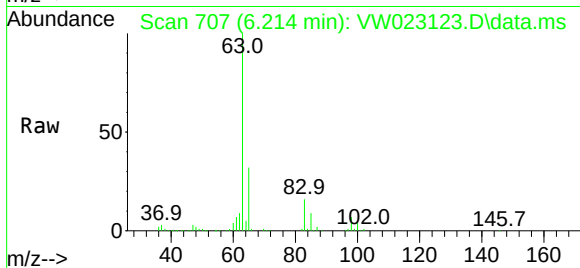
Tgt Ion: 63 Resp: 164488

Ion Ratio Lower Upper

63 100

65 32.1 23.3 43.3

83 15.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 18.509 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

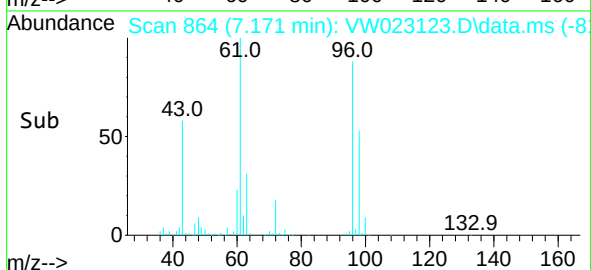
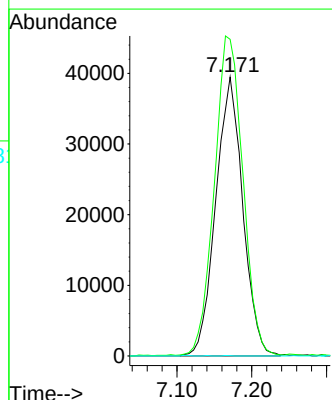
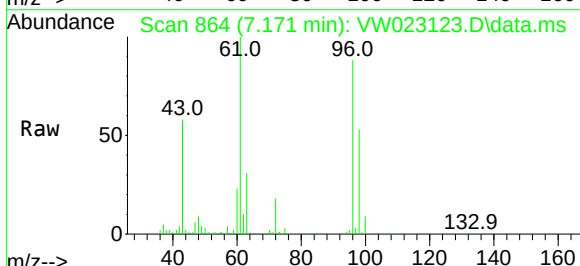
Tgt Ion: 96 Resp: 99324

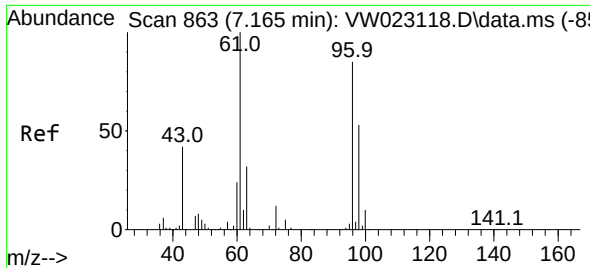
Ion Ratio Lower Upper

96 100

61 113.5 84.2 156.4

68 0.1 0.1 0.1#

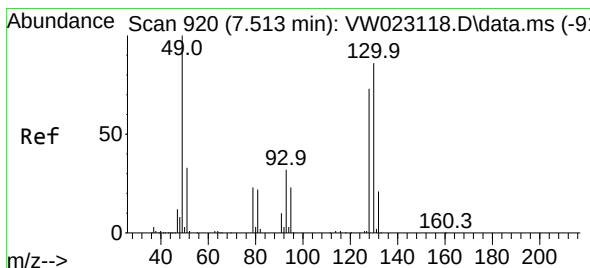
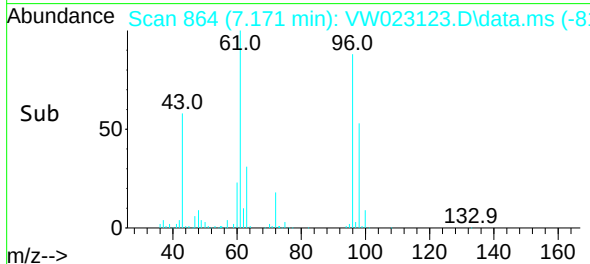
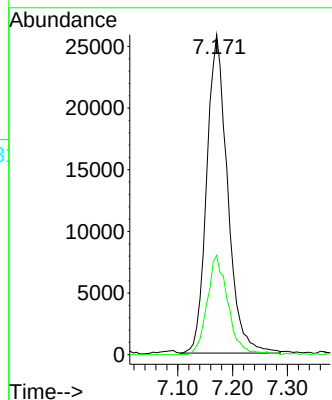
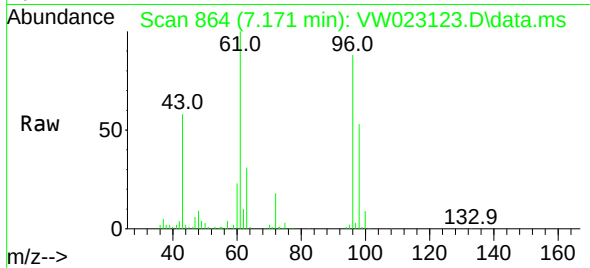




#22
2-Butanone
Concen: 48.199 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

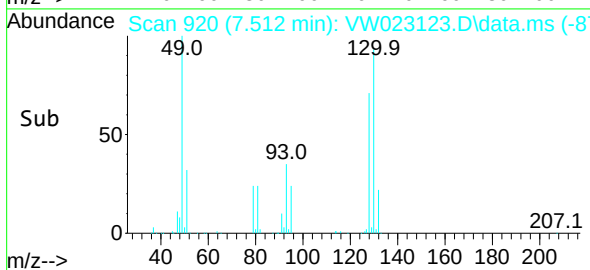
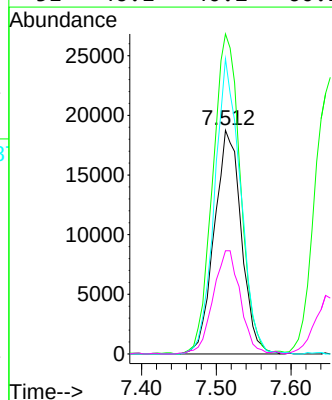
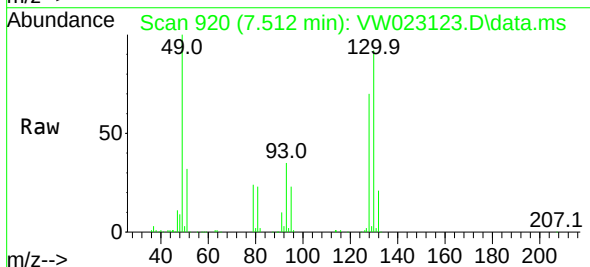
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSDRE

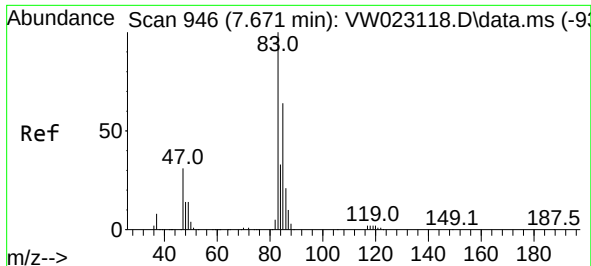
Tgt Ion: 43 Resp: 68239
Ion Ratio Lower Upper
43 100
72 30.4 15.1 45.3



#23
Bromochloromethane
Concen: 18.749 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

Tgt Ion: 128 Resp: 47120
Ion Ratio Lower Upper
128 100
49 143.0 110.0 204.4
130 132.0 94.8 176.0
51 46.1 40.2 60.2

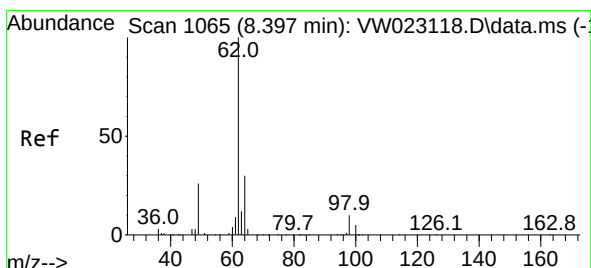
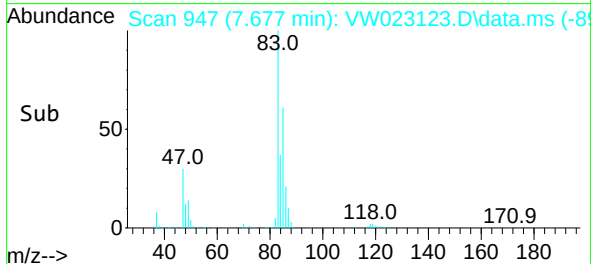
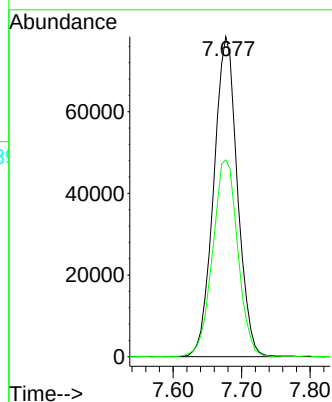
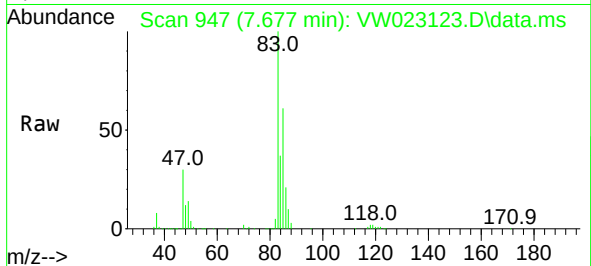




#25
Chloroform
Concen: 20.101 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

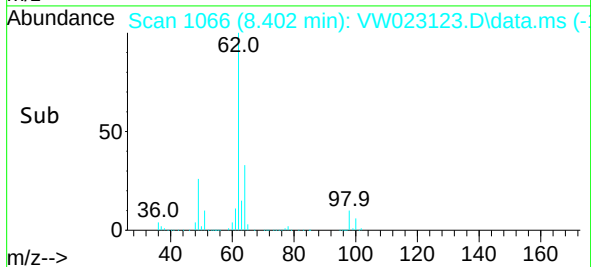
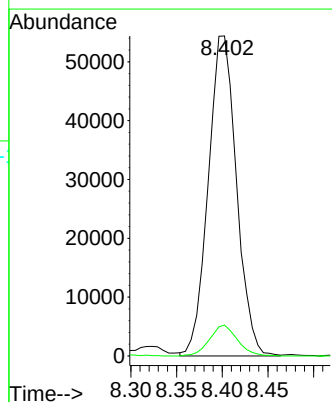
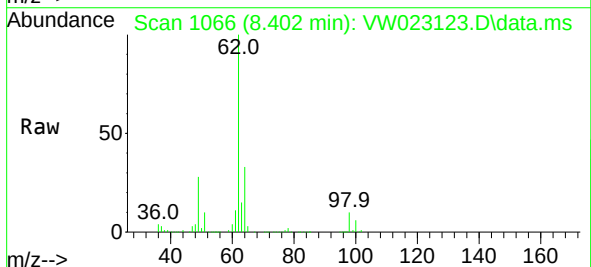
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSDRE

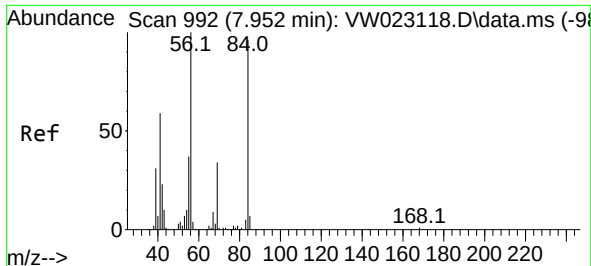
Tgt Ion: 83 Resp: 188208
Ion Ratio Lower Upper
83 100
85 61.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 18.759 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

Tgt Ion: 62 Resp: 117080
Ion Ratio Lower Upper
62 100
98 9.7 7.2 10.8





#29

Cyclohexane

Concen: 15.992 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

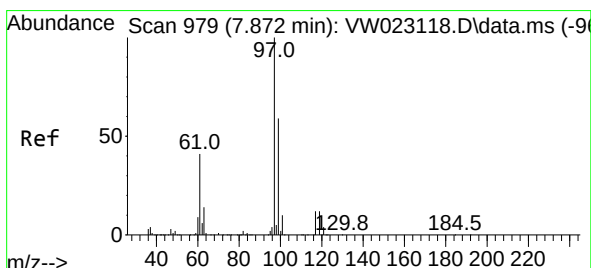
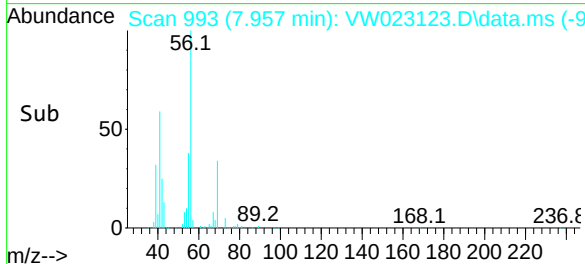
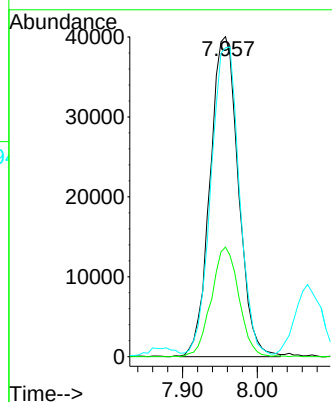
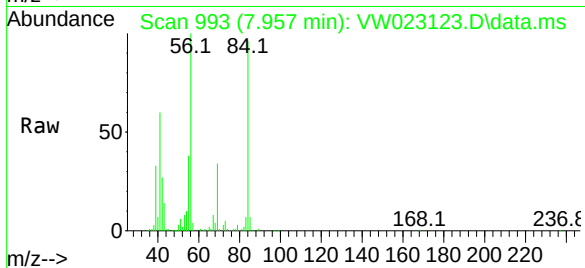
Tgt Ion: 56 Resp: 105780

Ion Ratio Lower Upper

56 100

69 33.1 25.6 38.4

84 97.1 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 21.637 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

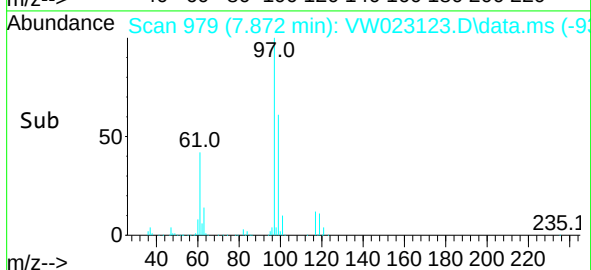
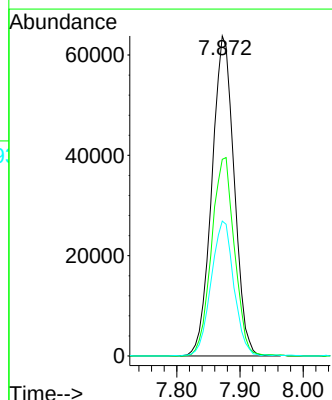
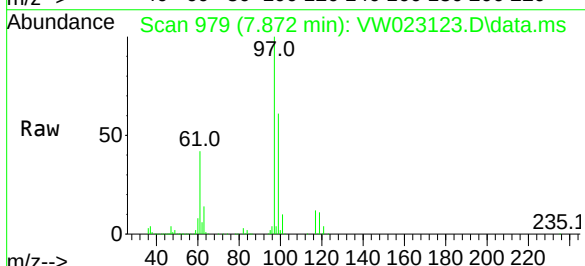
Tgt Ion: 97 Resp: 156388

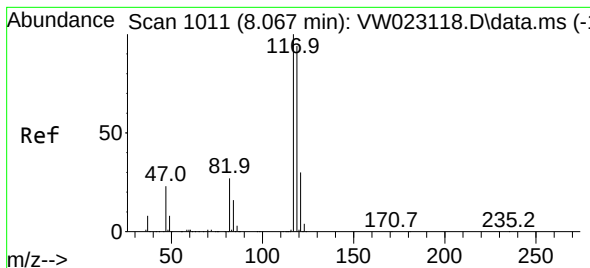
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 42.8 34.8 52.2





#31

Carbon tetrachloride

Concen: 19.811 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

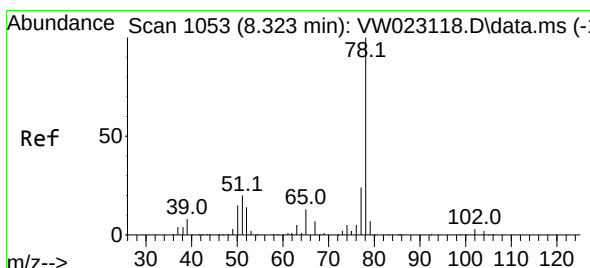
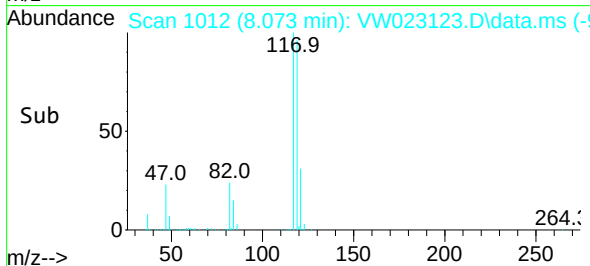
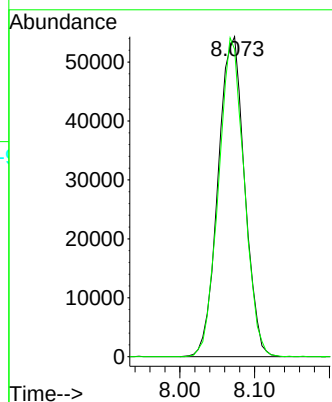
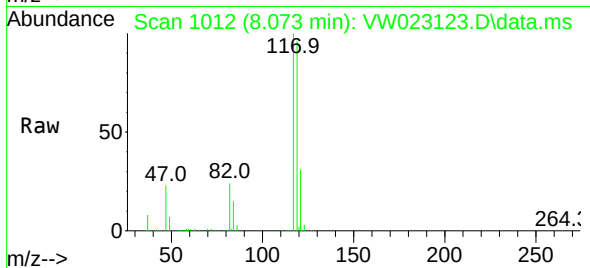
EW4K6MSDRE

Tgt Ion:117 Resp: 133945

Ion Ratio Lower Upper

117 100

119 96.3 76.6 115.0



#33

Benzene

Concen: 20.407 ug/L

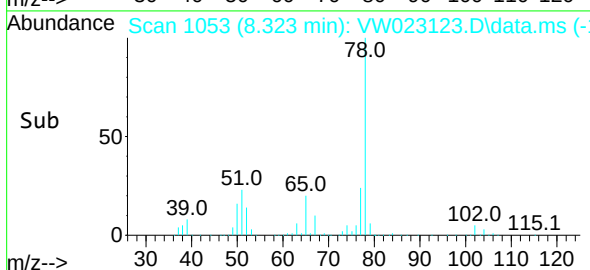
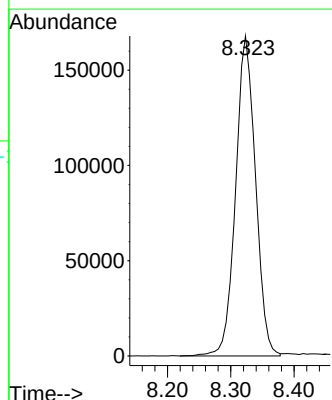
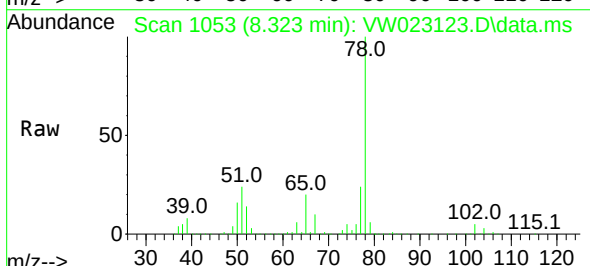
RT: 8.323 min Scan# 1053

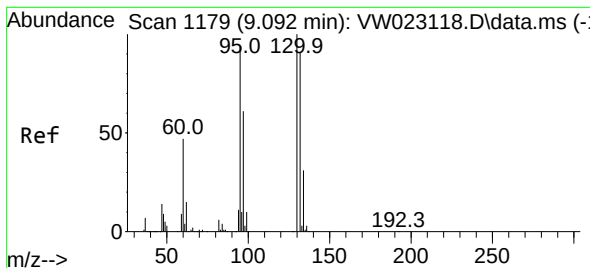
Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Tgt Ion: 78 Resp: 367685





#34

Trichloroethene

Concen: 19.651 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

Tgt Ion: 95 Resp: 97373

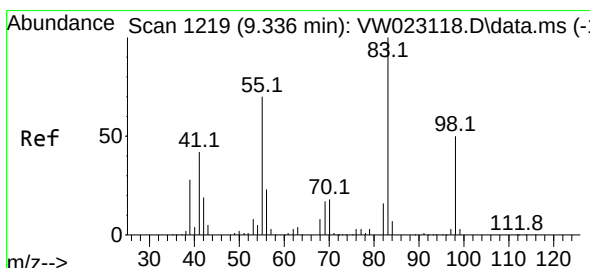
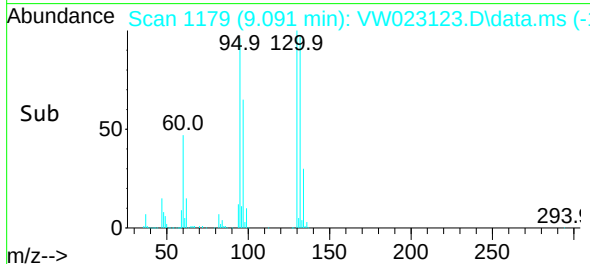
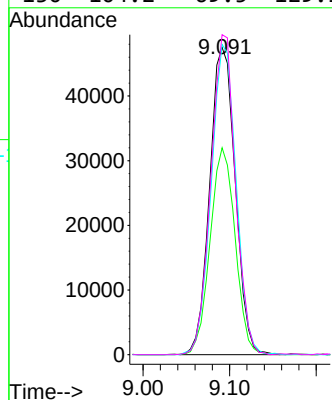
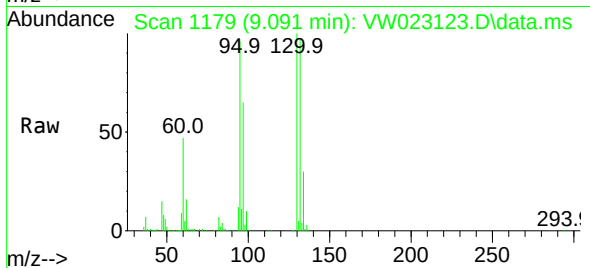
Ion Ratio Lower Upper

95 100

97 67.4 46.1 85.7

132 101.0 66.9 124.3

130 104.2 69.5 129.1



#35

Methylcyclohexane

Concen: 13.776 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

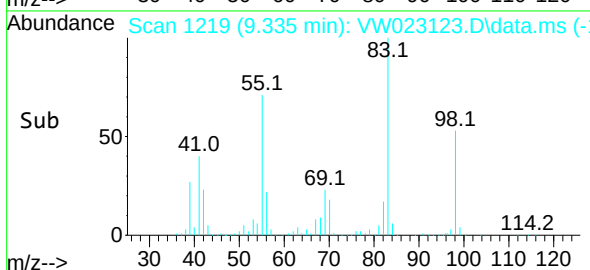
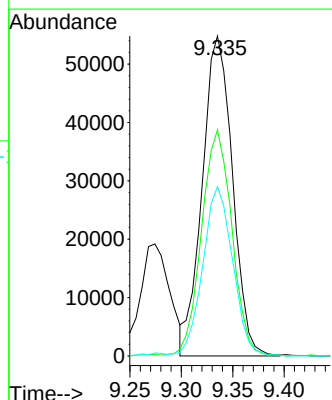
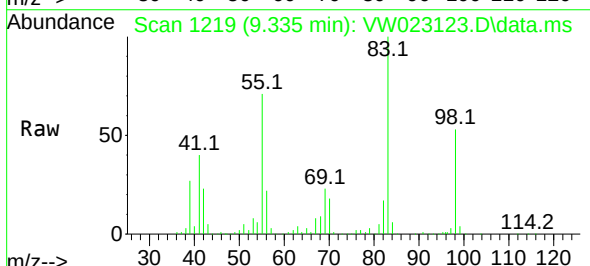
Tgt Ion: 83 Resp: 112142

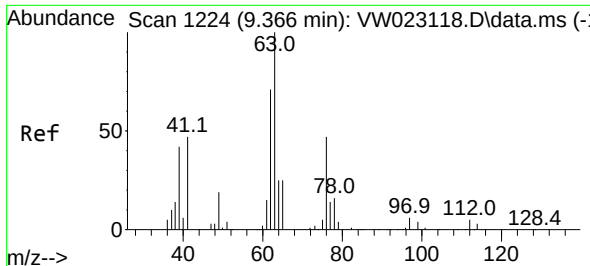
Ion Ratio Lower Upper

83 100

55 71.0 55.1 82.7

98 52.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 21.182 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

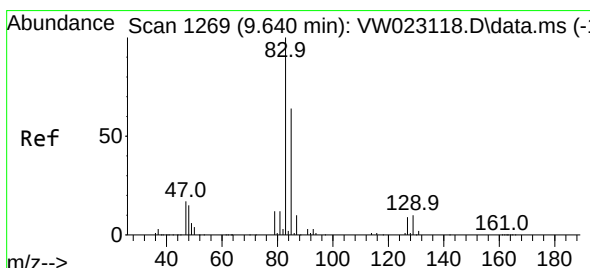
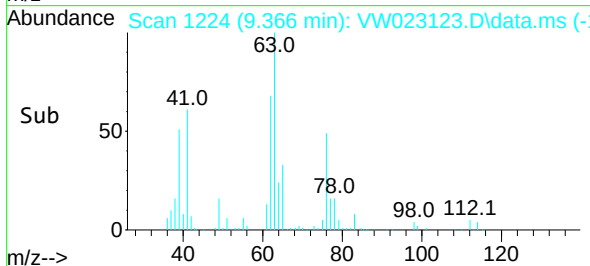
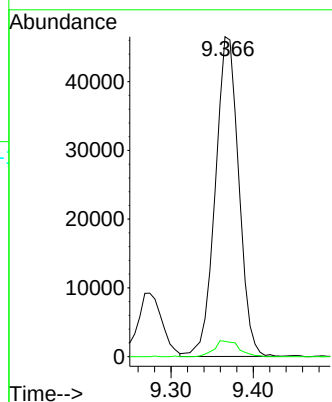
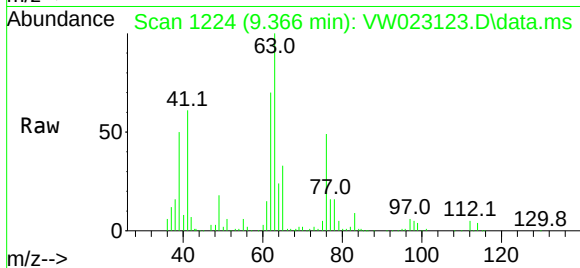
EW4K6MSDRE

Tgt Ion: 63 Resp: 92361

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 21.112 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

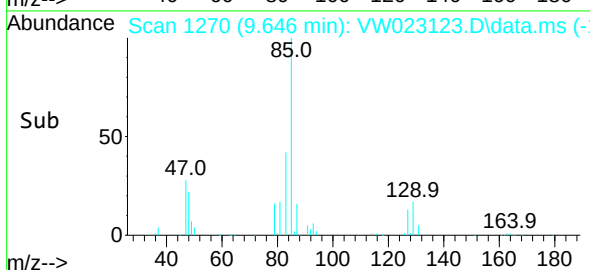
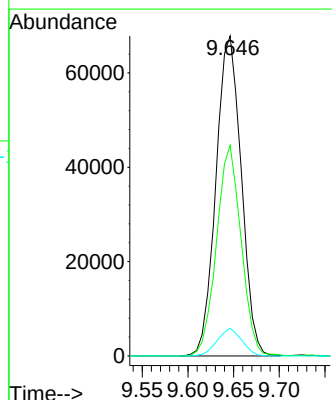
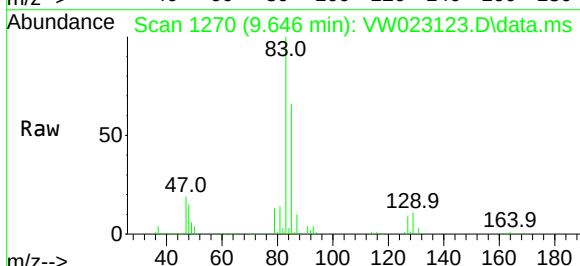
Tgt Ion: 83 Resp: 130751

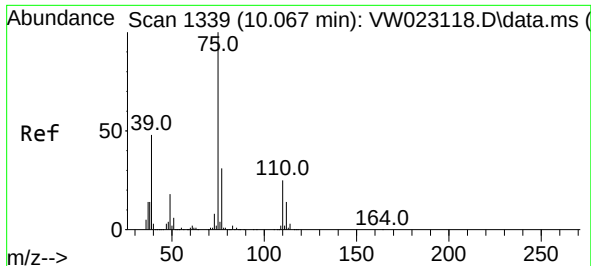
Ion Ratio Lower Upper

83 100

85 65.8 43.5 80.7

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 21.016 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

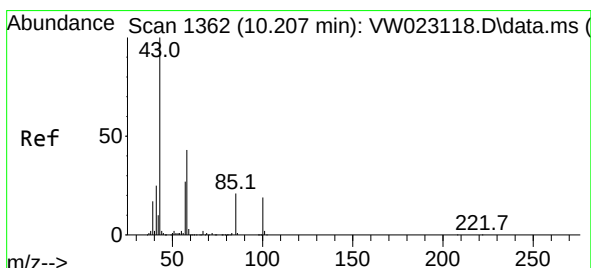
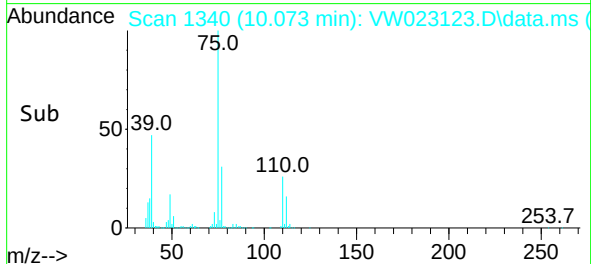
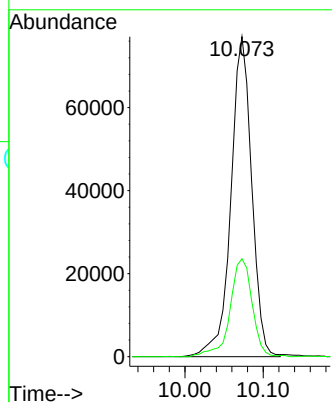
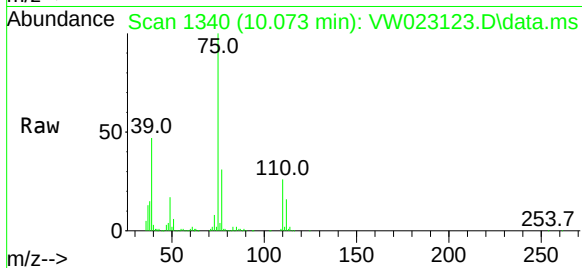
EW4K6MSDRE

Tgt Ion: 75 Resp: 142086

Ion Ratio Lower Upper

75 100

77 30.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.207 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

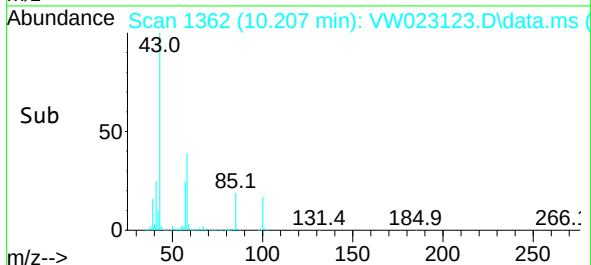
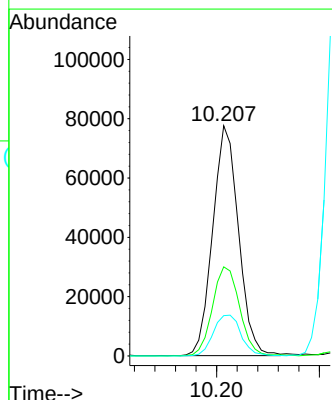
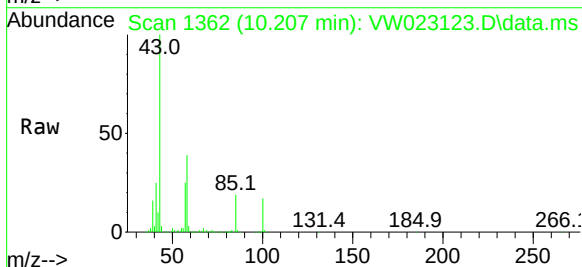
Tgt Ion: 43 Resp: 135236

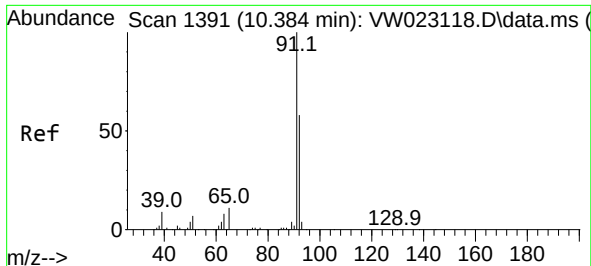
Ion Ratio Lower Upper

43 100

58 40.7 31.4 47.2

100 19.1 14.2 21.4

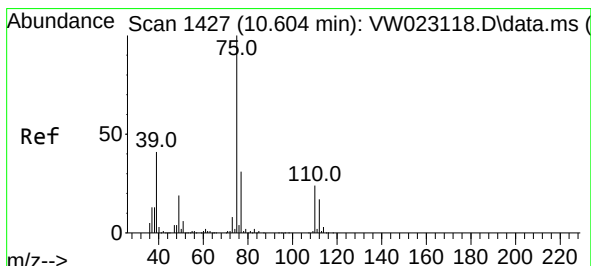
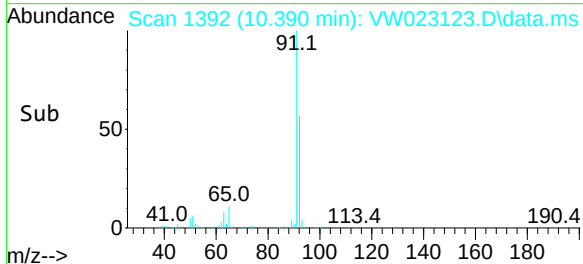
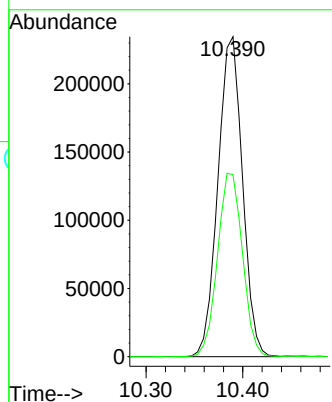
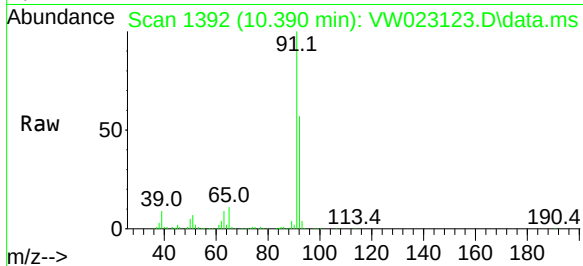




#42
Toluene
Concen: 20.471 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

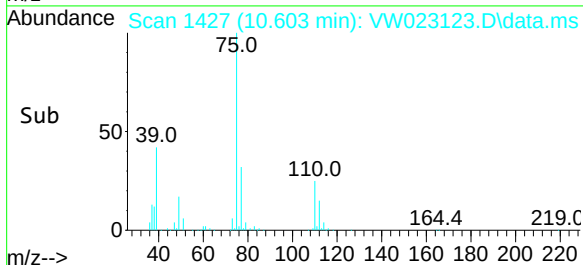
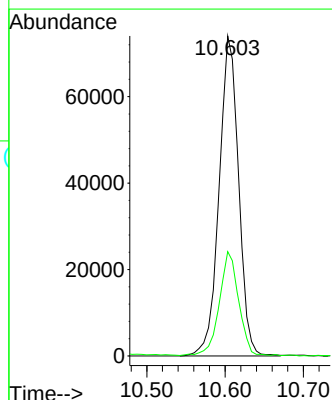
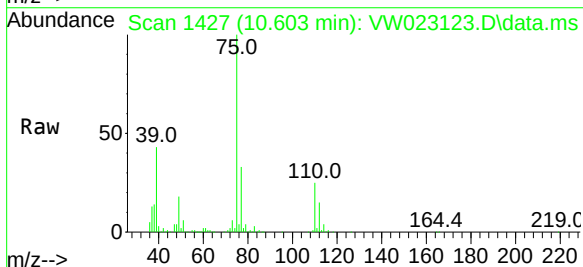
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSDRE

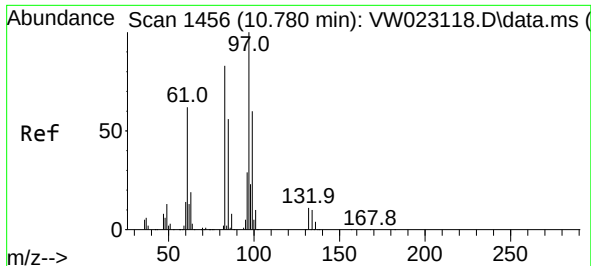
Tgt Ion: 91 Resp: 413371
Ion Ratio Lower Upper
91 100
92 56.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 21.221 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

Tgt Ion: 75 Resp: 128059
Ion Ratio Lower Upper
75 100
77 32.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.791 ug/L

RT: 10.786 min Scan# 1456

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

Tgt Ion: 97 Resp: 83075

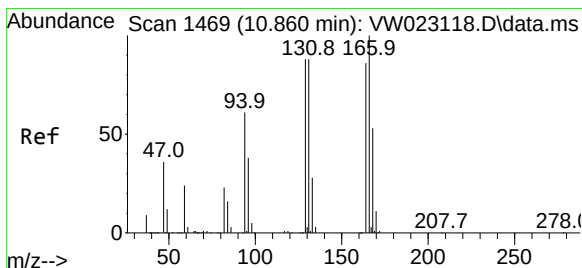
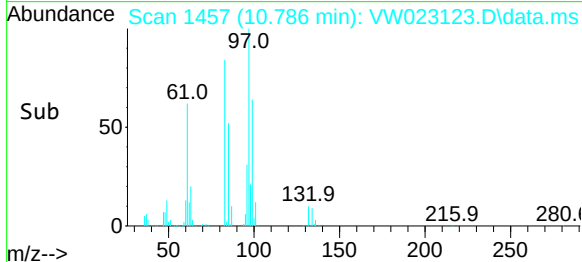
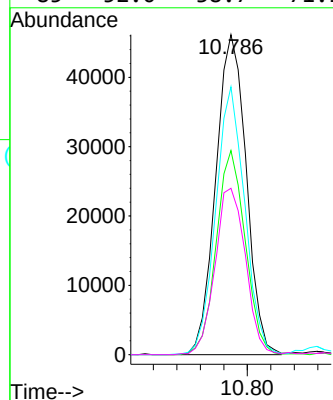
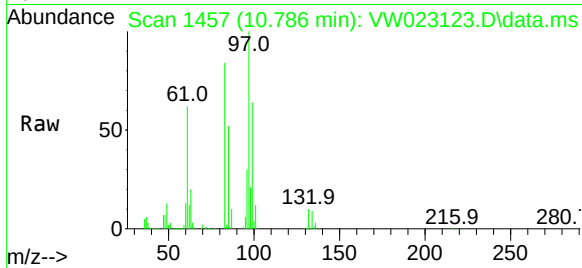
Ion Ratio Lower Upper

97 100

99 63.8 44.7 82.9

83 83.7 58.4 108.4

85 52.0 38.7 71.9



#46

Tetrachloroethene

Concen: 17.734 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Tgt Ion:164 Resp: 66037

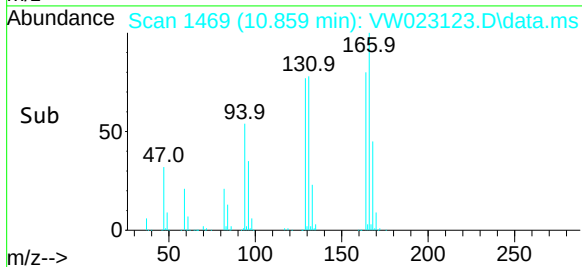
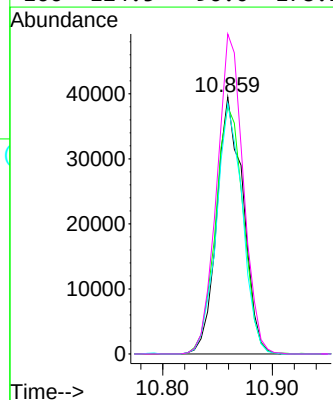
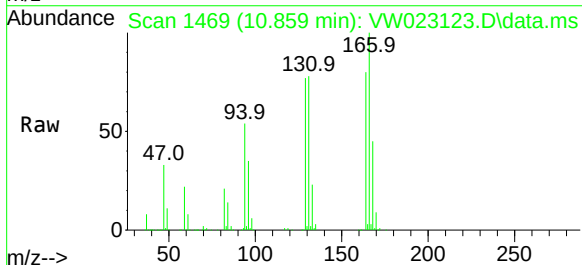
Ion Ratio Lower Upper

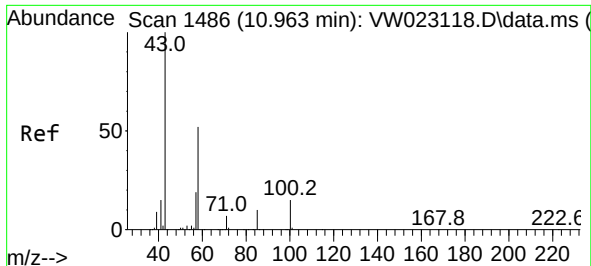
164 100

129 96.2 76.9 142.7

131 97.5 75.1 139.5

166 124.5 96.0 178.2

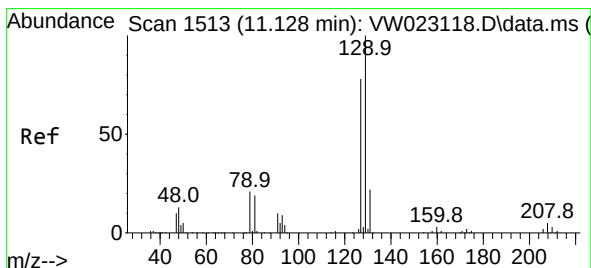
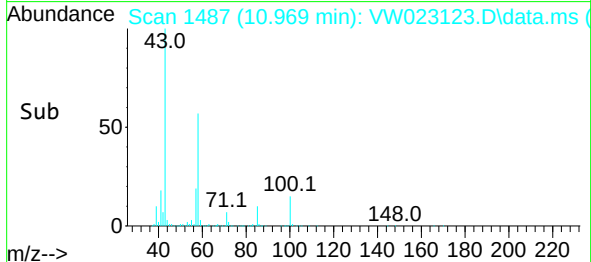
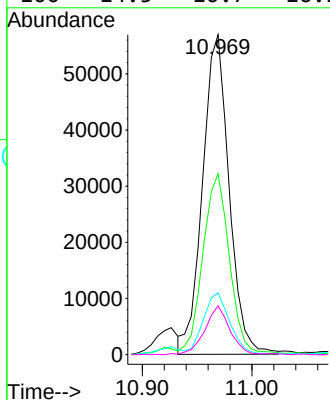
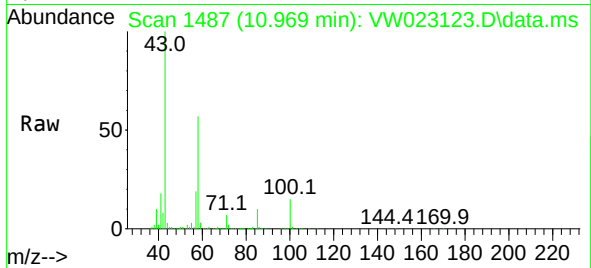




#48
2-Hexanone
Concen: 52.096 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

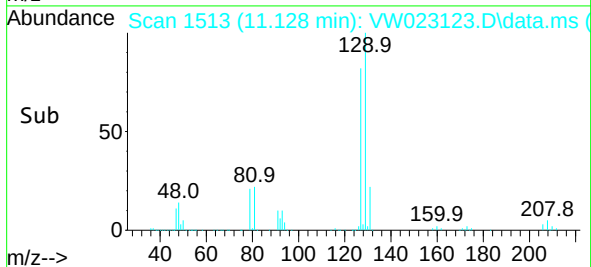
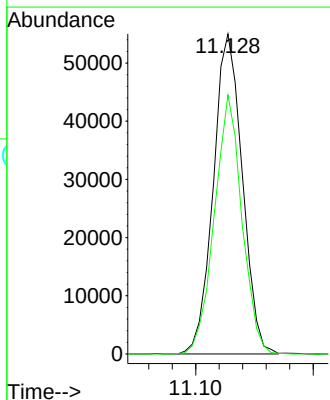
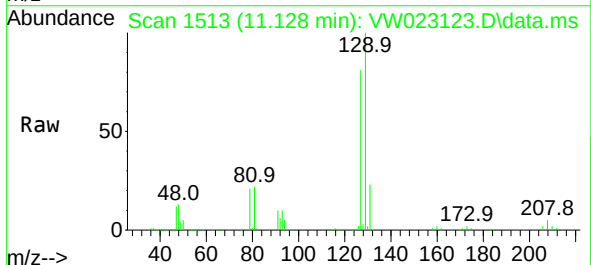
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSDRE

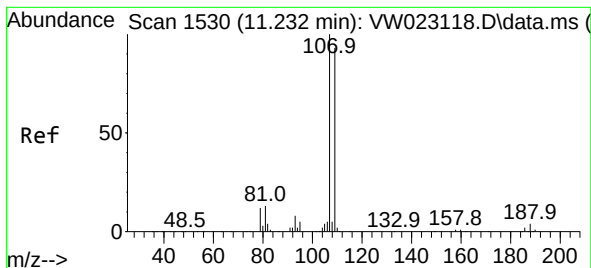
Tgt Ion: 43 Resp: 95663
Ion Ratio Lower Upper
43 100
58 56.8 45.9 68.9
57 18.7 16.2 24.2
100 14.5 10.7 16.1



#49
Dibromochloromethane
Concen: 21.459 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

Tgt Ion: 129 Resp: 94139
Ion Ratio Lower Upper
129 100
127 80.9 53.8 100.0





#50

1,2-Dibromoethane

Concen: 20.073 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

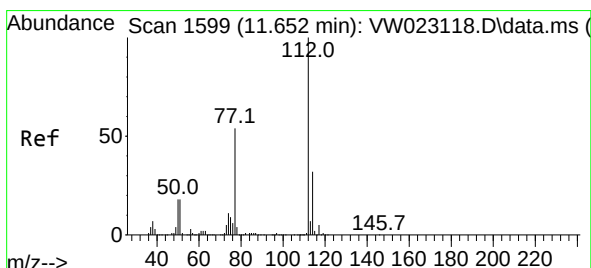
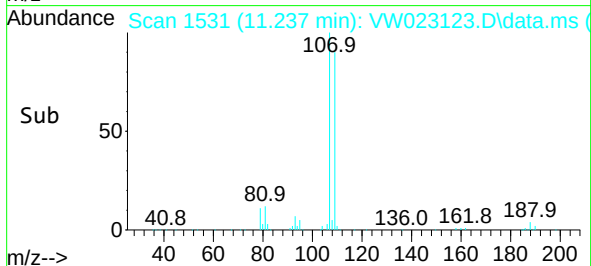
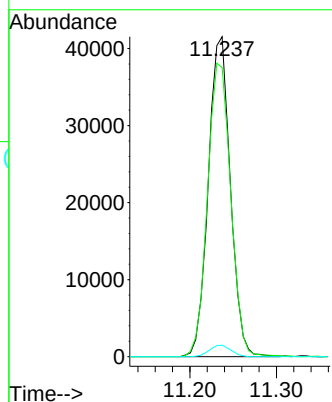
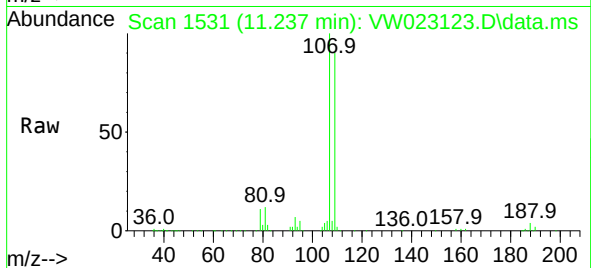
Tgt Ion:107 Resp: 73468

Ion Ratio Lower Upper

107 100

109 90.4 67.5 125.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 19.407 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

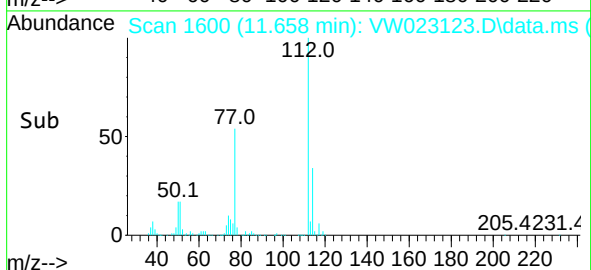
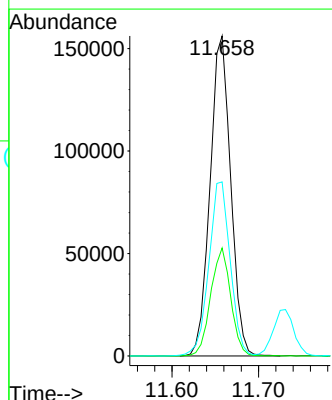
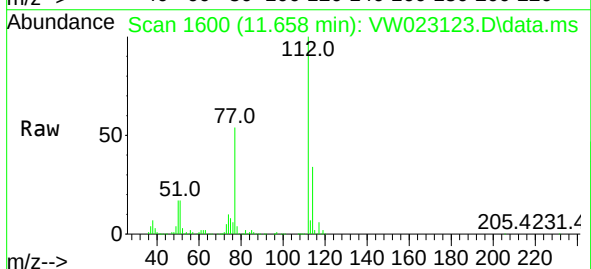
Tgt Ion:112 Resp: 258354

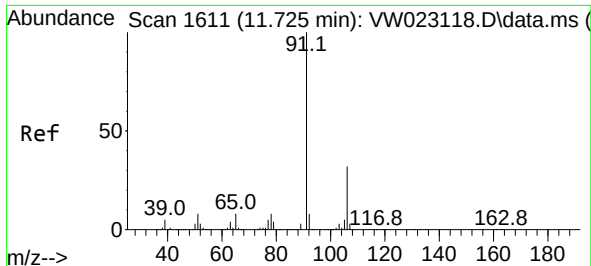
Ion Ratio Lower Upper

112 100

114 33.8 22.0 41.0

77 54.4 42.6 63.8





#52

Ethylbenzene

Concen: 19.037 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

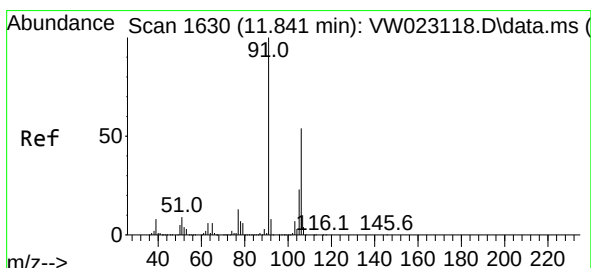
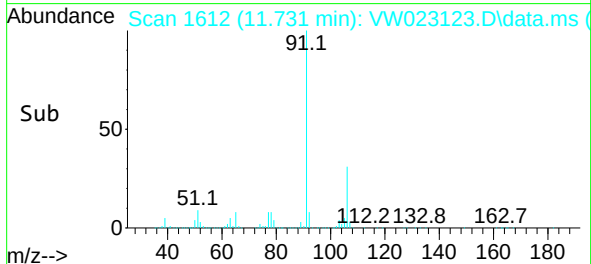
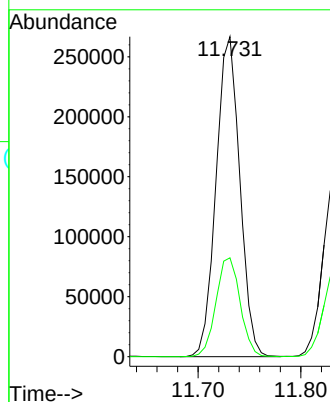
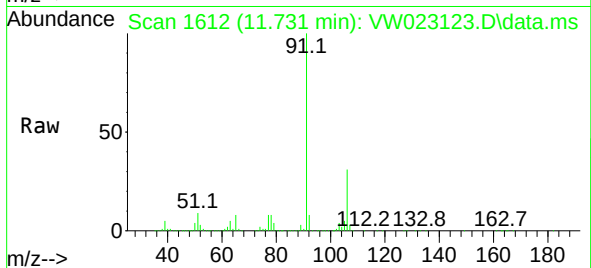
EW4K6MSDRE

Tgt Ion: 91 Resp: 427672

Ion Ratio Lower Upper

91 100

106 30.9 22.3 41.3



#53

m,p-Xylene

Concen: 18.754 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW023123.D

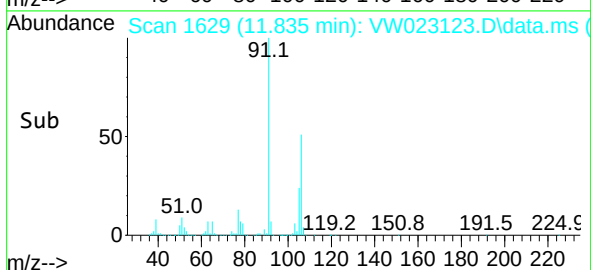
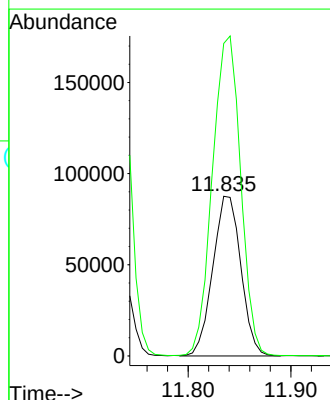
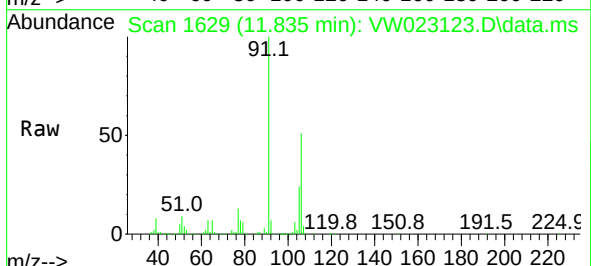
Acq: 18 May 2022 11:45

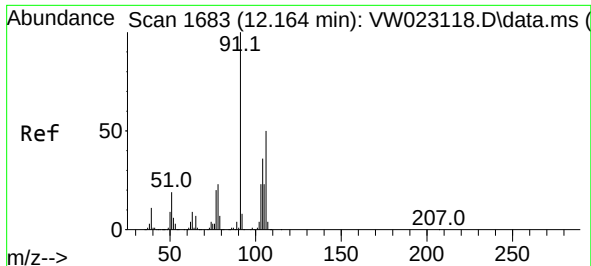
Tgt Ion:106 Resp: 166000

Ion Ratio Lower Upper

106 100

91 195.7 136.8 254.0

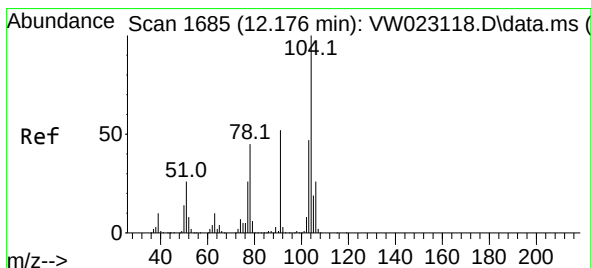
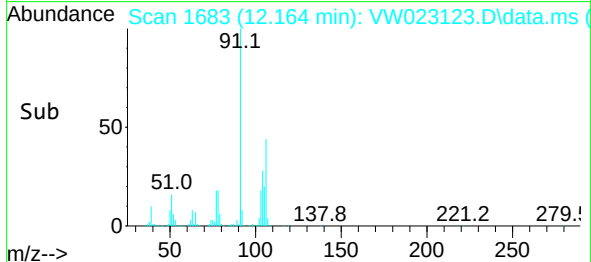
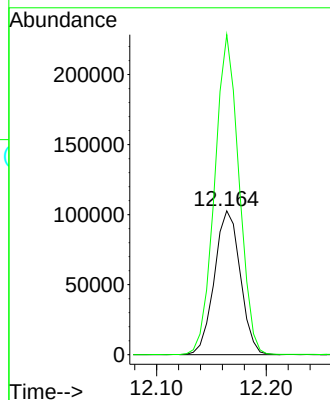
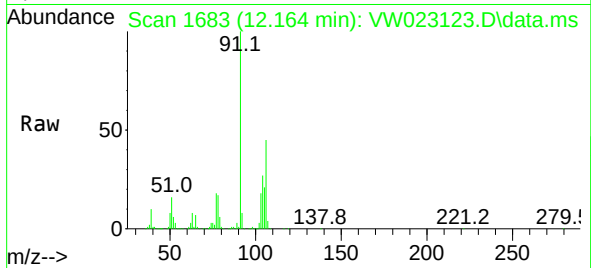




#54
o-Xylene
Concen: 19.844 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

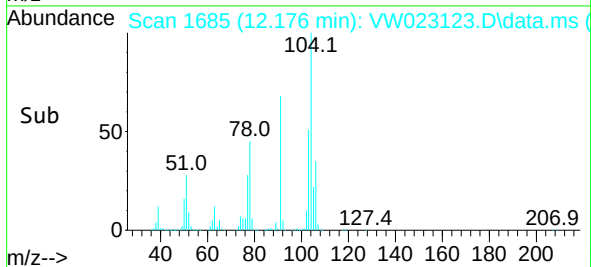
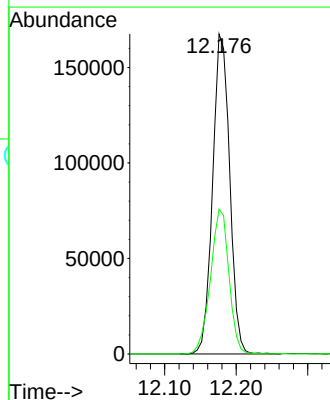
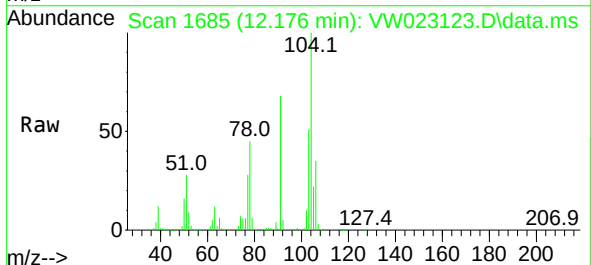
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSDRE

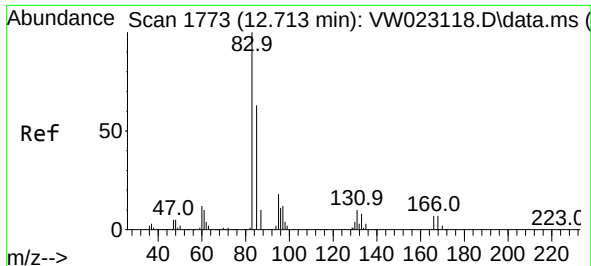
Tgt Ion:106 Resp: 168557
Ion Ratio Lower Upper
106 100
91 222.6 147.2 273.4



#55
Styrene
Concen: 19.200 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023123.D
Acq: 18 May 2022 11:45

Tgt Ion:104 Resp: 277129
Ion Ratio Lower Upper
104 100
78 45.2 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 20.717 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

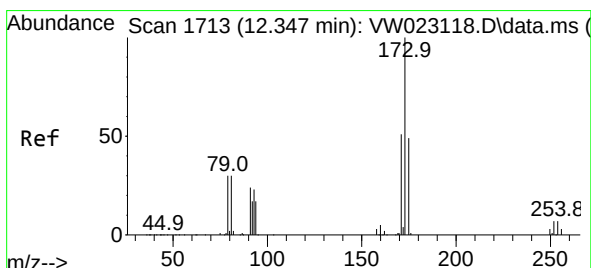
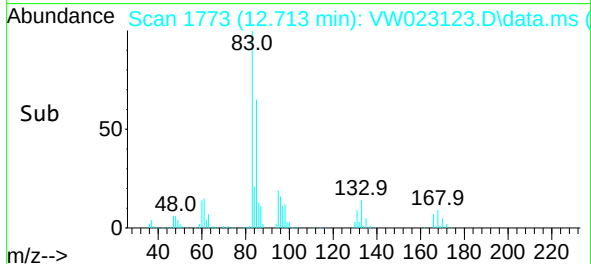
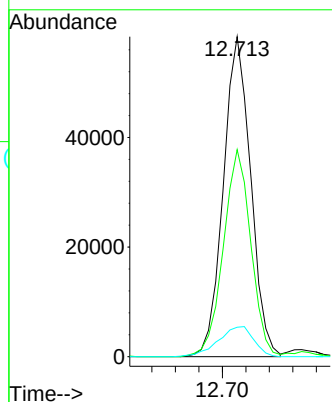
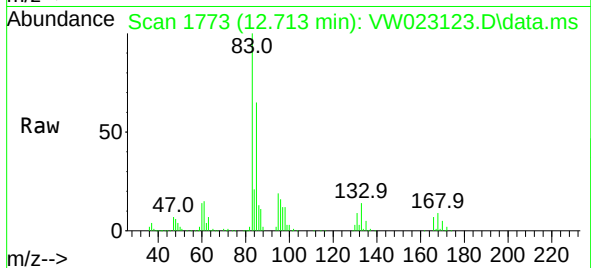
Tgt Ion: 83 Resp: 94318

Ion Ratio Lower Upper

83 100

85 64.7 47.5 88.1

131 9.2 8.7 13.1



#59

Bromoform

Concen: 23.488 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

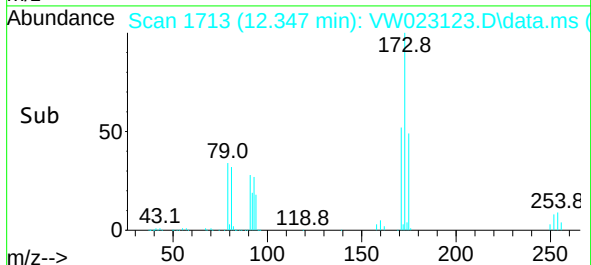
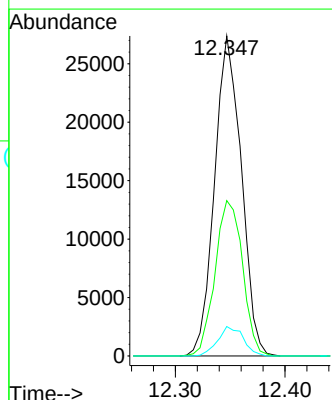
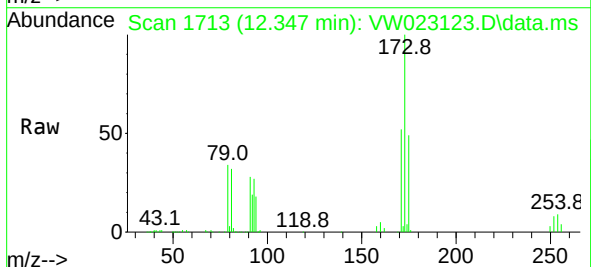
Tgt Ion:173 Resp: 46456

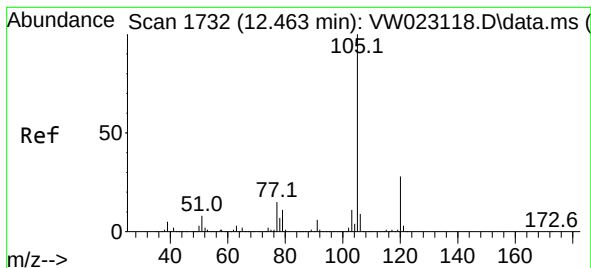
Ion Ratio Lower Upper

173 100

175 49.9 38.1 57.1

254 8.8 6.5 9.7





#60

Isopropylbenzene

Concen: 22.425 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

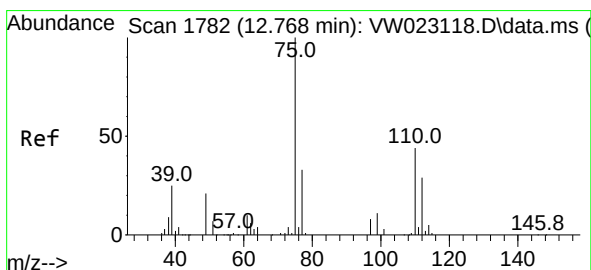
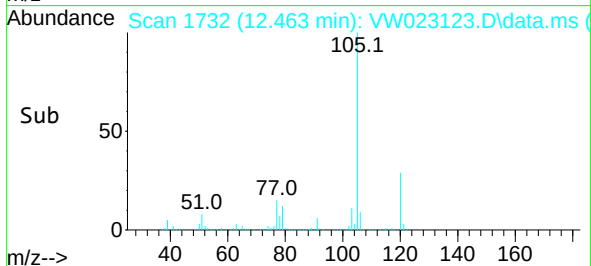
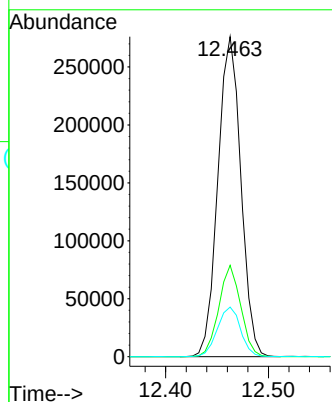
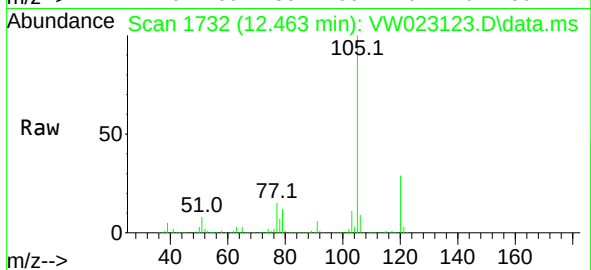
Tgt Ion:105 Resp: 428749

Ion Ratio Lower Upper

105 100

120 27.2 21.3 31.9

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 25.260 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

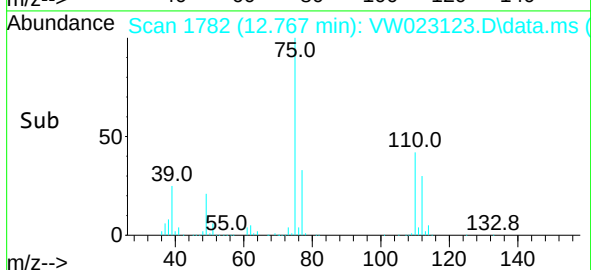
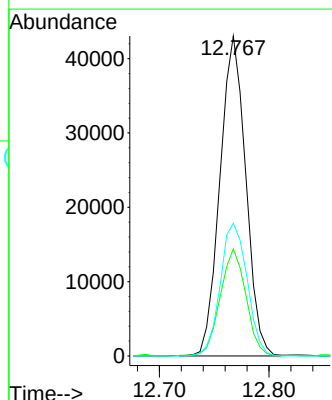
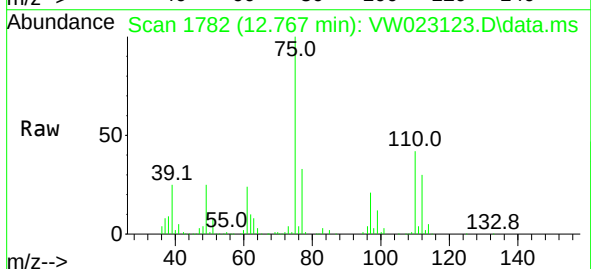
Tgt Ion: 75 Resp: 70440

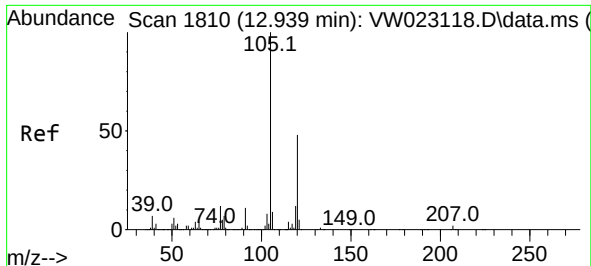
Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.2

110 43.2 34.1 51.1

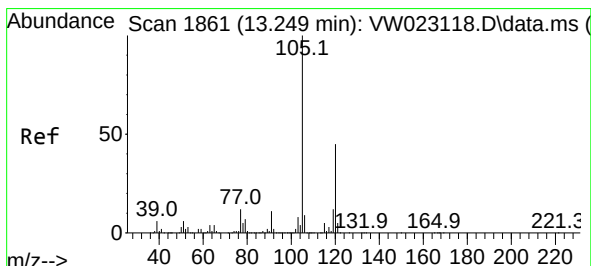
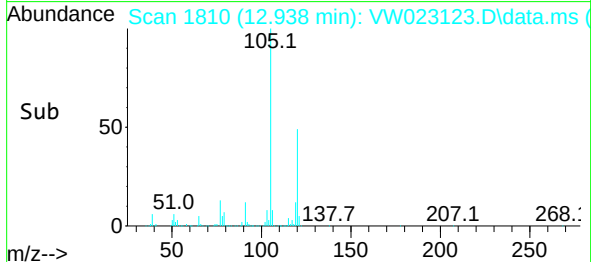
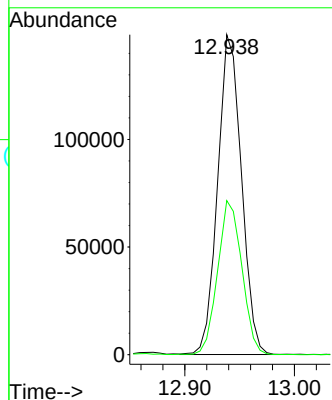
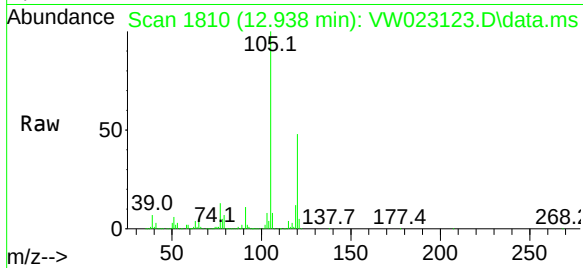




#62
 1,3,5-Trimethylbenzene
 Concen: 21.064 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

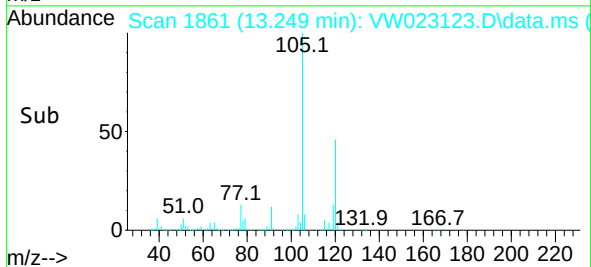
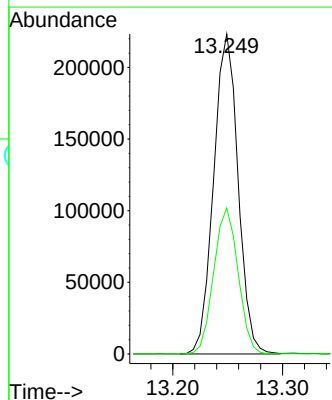
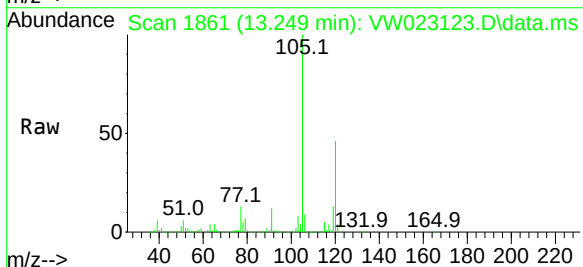
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MSDRE

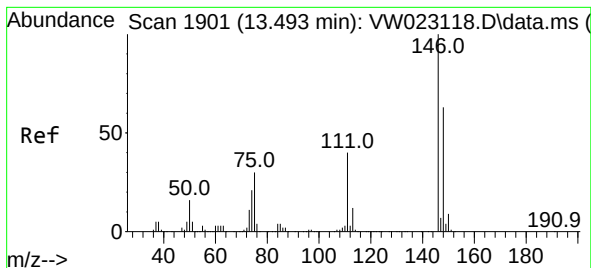
Tgt Ion:105 Resp: 224063
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 21.649 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

Tgt Ion:105 Resp: 345775
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 19.636 ug/L

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

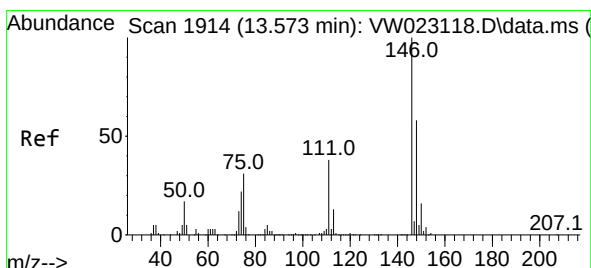
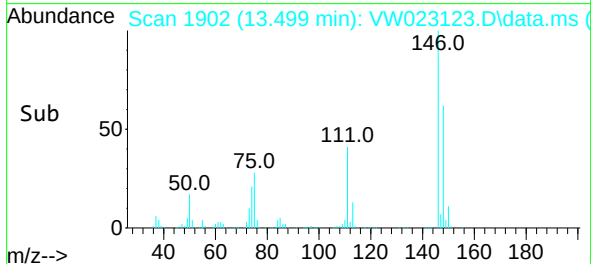
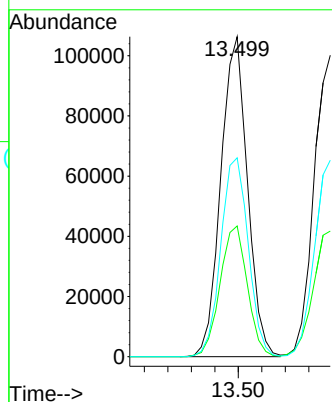
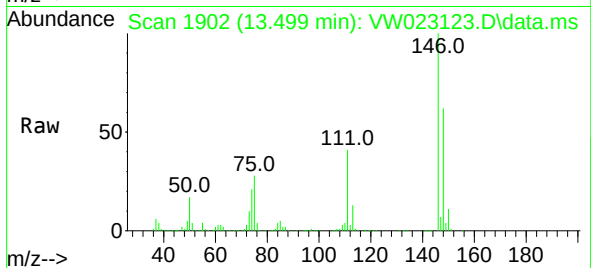
Tgt Ion:146 Resp: 167618

Ion Ratio Lower Upper

146 100

111 40.8 29.5 54.9

148 62.2 48.6 90.2



#65

1,4-Dichlorobenzene

Concen: 18.686 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

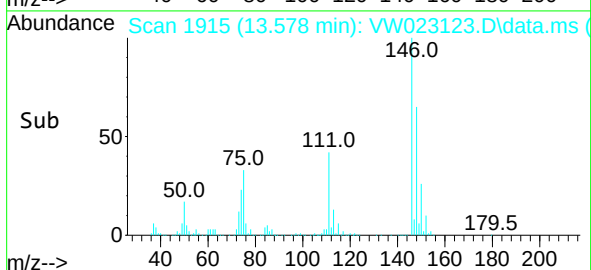
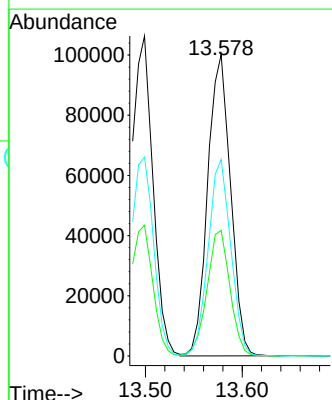
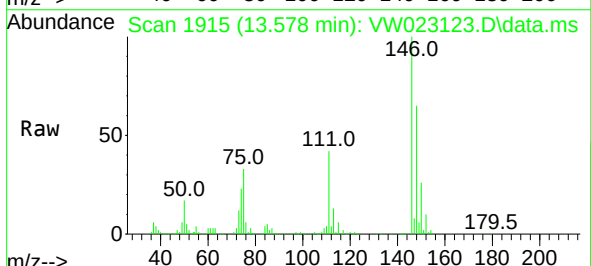
Tgt Ion:146 Resp: 164761

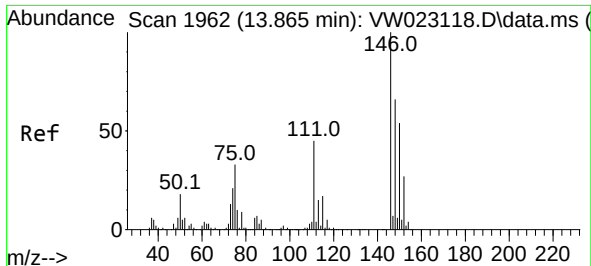
Ion Ratio Lower Upper

146 100

111 41.7 27.2 50.4

148 65.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 20.719 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

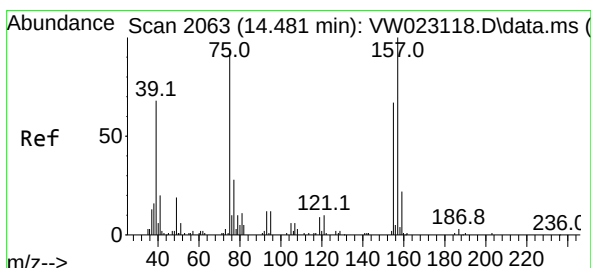
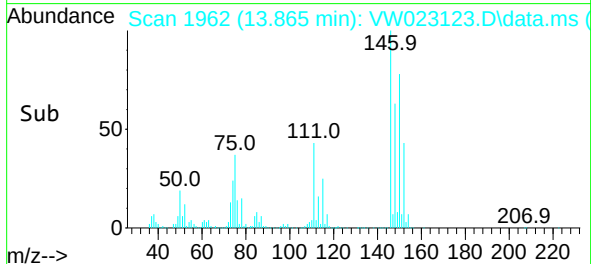
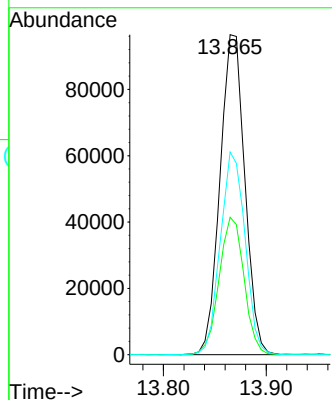
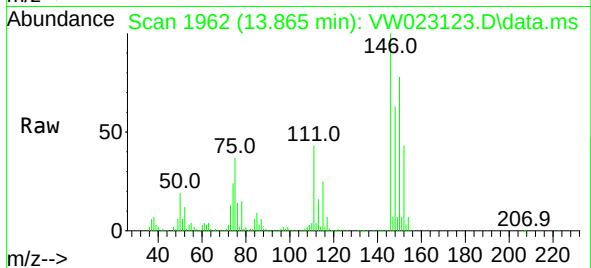
Tgt Ion:146 Resp: 161849

Ion Ratio Lower Upper

146 100

111 42.9 35.7 53.5

148 63.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.211 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

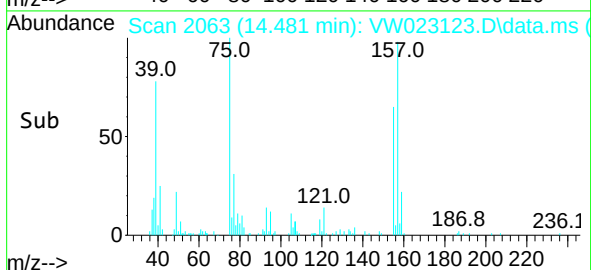
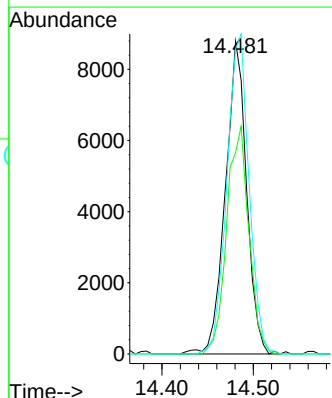
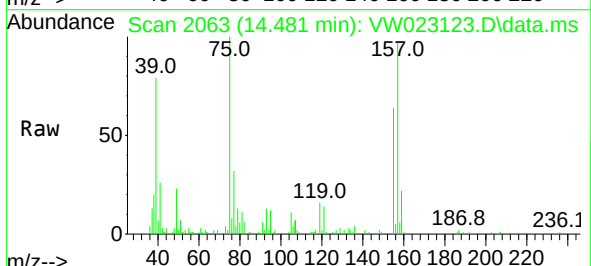
Tgt Ion: 75 Resp: 14146

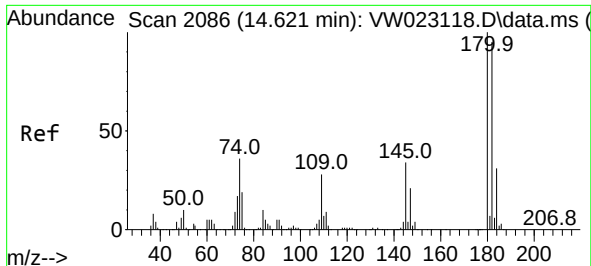
Ion Ratio Lower Upper

75 100

155 64.3 59.3 88.9

157 97.3 89.8 134.8

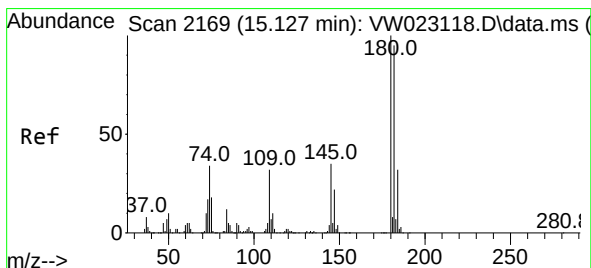
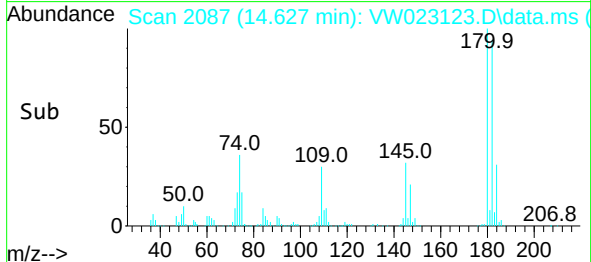
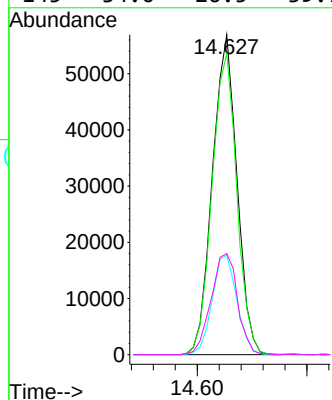
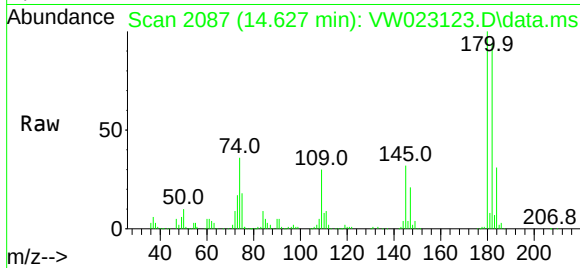




#69
 1,3,5-Trichlorobenzene
 Concen: 15.636 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

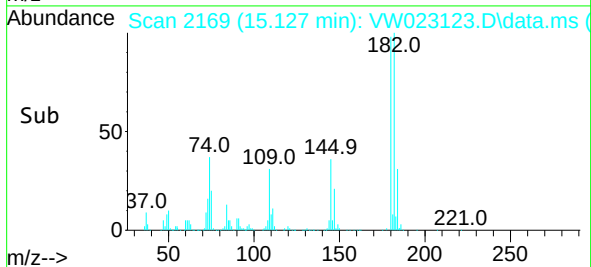
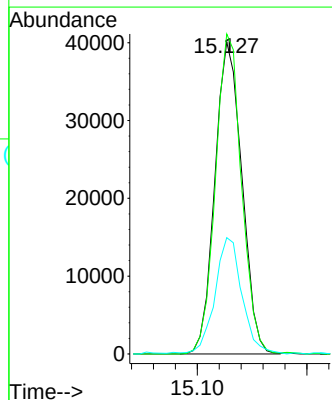
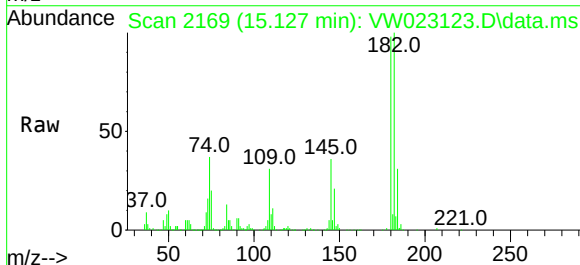
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MSDRE

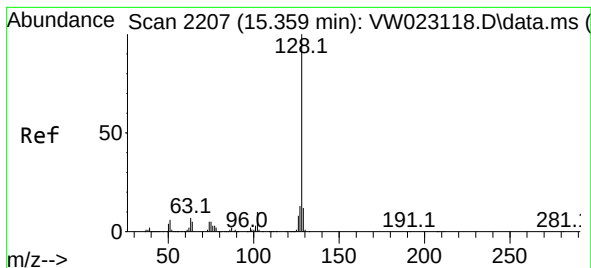
Tgt Ion:180	Resp:	88597
Ion Ratio	Lower	Upper
180	100	
182	94.8	74.8 112.2
184	31.3	23.4 35.2
145	34.0	26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 15.068 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023123.D
 Acq: 18 May 2022 11:45

Tgt Ion:180	Resp:	68683
Ion Ratio	Lower	Upper
180	100	
182	99.0	74.9 112.3
145	37.2	26.6 39.8





#71

Naphthalene

Concen: 19.561 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSDRE

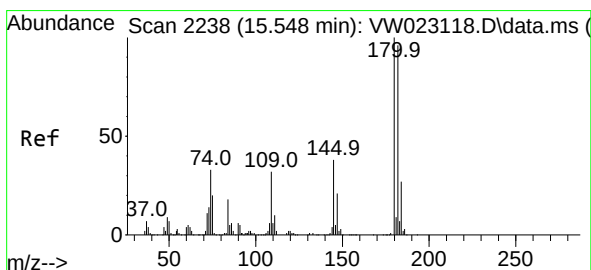
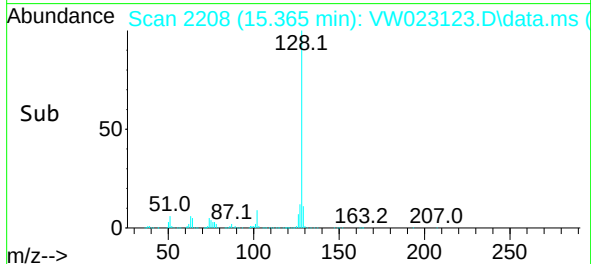
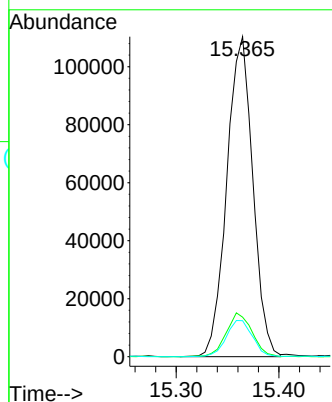
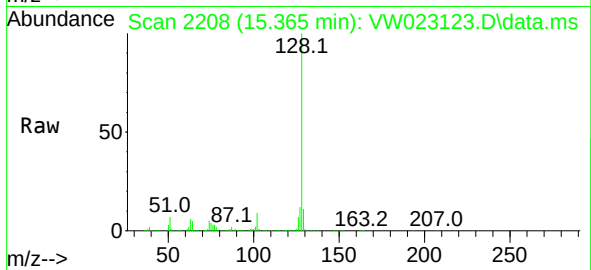
Tgt Ion:128 Resp: 193790

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 15.462 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023123.D

Acq: 18 May 2022 11:45

Tgt Ion:180 Resp: 62462

Ion Ratio Lower Upper

180 100

182 92.2 73.5 110.3

145 37.6 27.9 41.9

