

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023108.D
 Acq On : 17 May 2022 18:14
 Operator : SY/VA
 Sample : N2883-06MSD
 Misc : 6.32g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MSD

Quant Time: May 18 01:31:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 01:26:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	63085	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	47052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13264	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35802	27.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.640%	
7) Chloroethane-d5	2.879	69	31491	37.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 149.600%	
11) 1,1-Dichloroethene-d2	4.013	63	41363	24.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.920%	
21) 2-Butanone-d5	7.080	46	8356	33.956	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 67.920%	
24) Chloroform-d	7.653	84	41584	22.499	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 90.000%	
26) 1,2-Dichloroethane-d4	8.305	65	27524	27.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.600%	
32) Benzene-d6	8.275	84	89896	33.147	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 132.600%	
36) 1,2-Dichloropropane-d6	9.274	67	27570	36.190	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 144.760%#	
41) Toluene-d8	10.323	98	74842	28.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.280%	
43) trans-1,3-Dichloroprop...	10.579	79	8985	25.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.440%	
47) 2-Hexanone-d5	10.920	63	10072	69.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 138.520%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17516	24.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.680%	
66) 1,2-Dichlorobenzene-d4	13.847	152	14117	30.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 121.800%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	2193	6.377	ug/L	96
3) Chloromethane	2.215	50	14889	22.405	ug/L	98
5) Vinyl chloride	2.361	62	26856	20.137	ug/L	99
6) Bromomethane	2.782	94	14264	16.658	ug/L	94
8) Chloroethane	2.916	64	17975	27.944	ug/L	92
9) Trichlorofluoromethane	3.263	101	28199	46.261	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	8893	9.757	ug/L #	39
12) 1,1-Dichloroethene	4.044	96	14165	17.531	ug/L	86
13) Acetone	4.129	43	16454	89.307	ug/L	91
14) Carbon disulfide	4.379	76	36453	16.456	ug/L	98
15) Methyl Acetate	4.684	43	7865	21.249	ug/L	95
16) Methylene chloride	4.915	84	19164	20.761	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	14622	16.081	ug/L	86
18) Methyl tert-butyl Ether	5.434	73	47227	34.025	ug/L #	85
19) 1,1-Dichloroethane	6.220	63	30399	19.726	ug/L	92
20) cis-1,2-Dichloroethene	7.177	96	18568	19.013	ug/L #	95
22) 2-Butanone	7.177	43	14083	54.658	ug/L	98
23) Bromochloromethane	7.513	128	8486	18.554	ug/L	95
25) Chloroform	7.677	83	40767	23.924	ug/L	90

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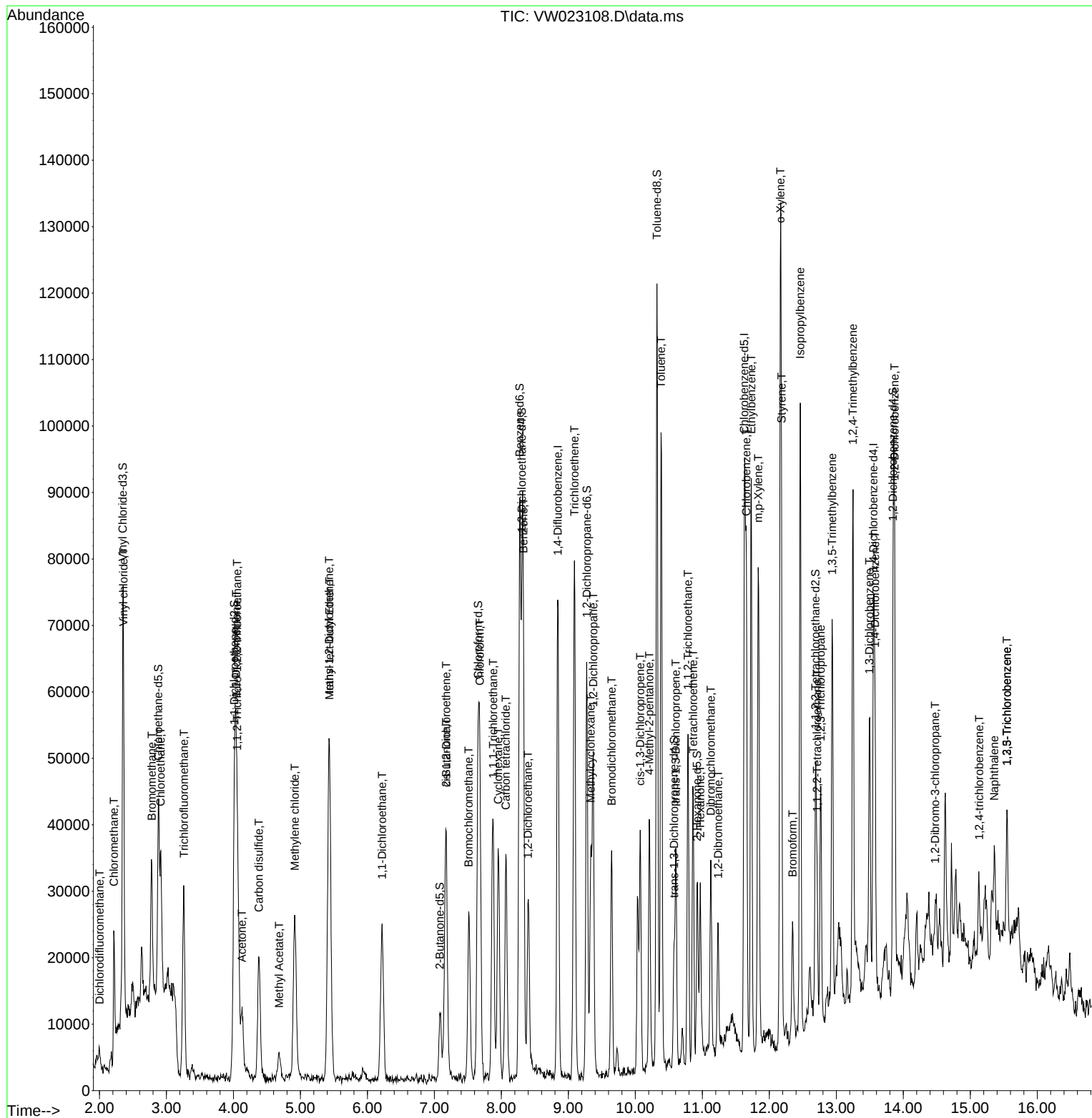
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	22595	19.892	ug/L	99
29) Cyclohexane	7.951	56	17344	17.044	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	31679	28.490	ug/L	98
31) Carbon tetrachloride	8.067	117	24043	23.115	ug/L	100
33) Benzene	8.329	78	68593	24.746	ug/L	100
34) Trichloroethene	9.092	95	22924	30.072	ug/L	98
35) Methylcyclohexane	9.335	83	13014	10.392	ug/L	93
37) 1,2-Dichloropropane	9.372	63	16773	25.005	ug/L #	97
38) Bromodichloromethane	9.646	83	21573	22.643	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	19778	19.016	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	24706	58.436	ug/L	97
42) Toluene	10.384	91	71119	22.894	ug/L	89
44) trans-1,3-Dichloropropene	10.603	75	16289	17.546	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	15402	27.467	ug/L	93
46) Tetrachloroethene	10.866	164	8967	15.653	ug/L	83
48) 2-Hexanone	10.969	43	15654	55.414	ug/L	99
49) Dibromochloromethane	11.128	129	14277	21.155	ug/L	97
50) 1,2-Dibromoethane	11.237	107	13079	23.228	ug/L #	95
51) Chlorobenzene	11.658	112	37185	18.157	ug/L	99
52) Ethylbenzene	11.731	91	61720	17.859	ug/L	100
53) m,p-Xylene	11.835	106	24657	18.107	ug/L	94
54) o-Xylene	12.164	106	24800	18.979	ug/L	99
55) Styrene	12.182	104	35177	15.842	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	9764	13.941	ug/L	97
59) Bromoform	12.347	173	6778	36.058	ug/L #	98
60) Isopropylbenzene	12.463	105	59152	32.553	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	13151	49.621	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	28116	27.812	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	40066	26.395	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	15153	18.678	ug/L	85
65) 1,4-Dichlorobenzene	13.579	146	14189	16.932	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	15910	21.431	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	2390	41.263	ug/L #	63
69) 1,3,5-Trichlorobenzene	15.548	180	3328	6.180	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	3441	7.943	ug/L #	86
71) Naphthalene	15.359	128	13294	14.119	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.548	180	3328	8.668	ug/L #	93

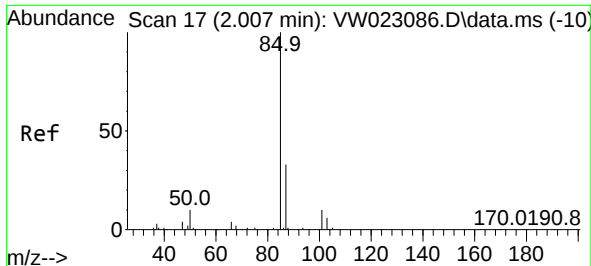
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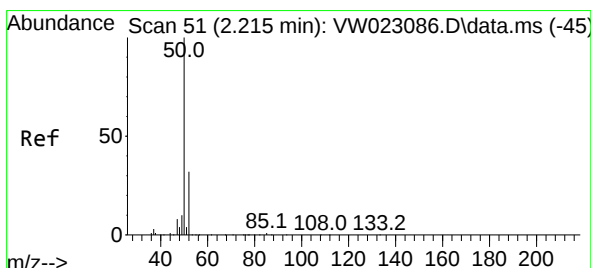
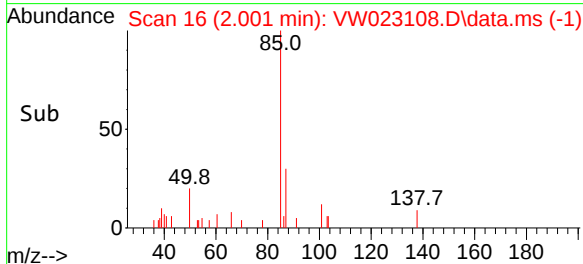
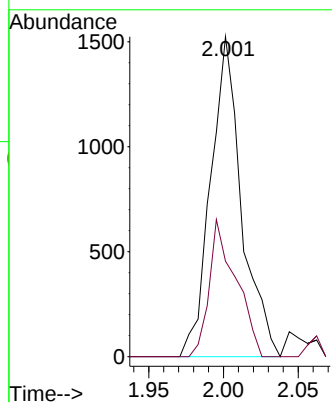
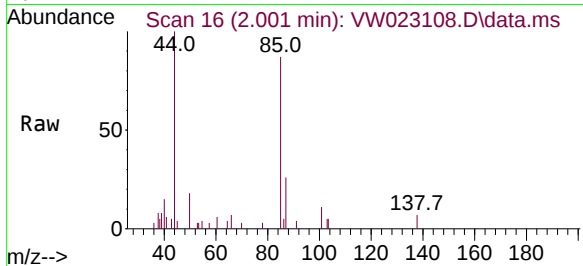




#2
Dichlorodifluoromethane
Concen: 6.377 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

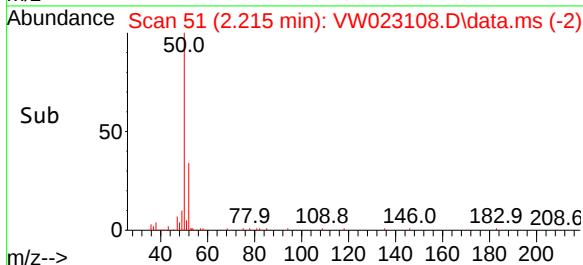
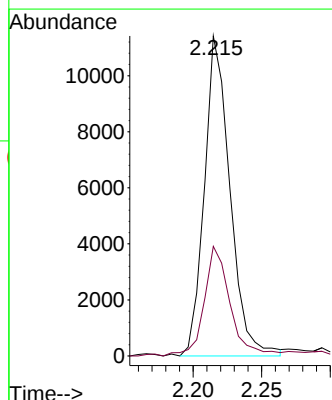
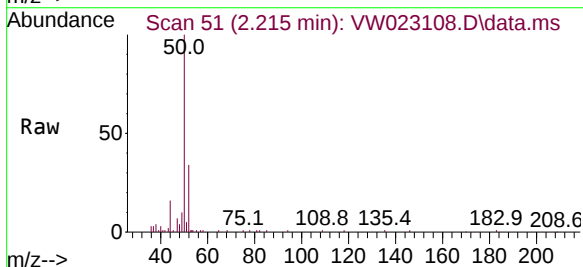
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ClientSampleId :
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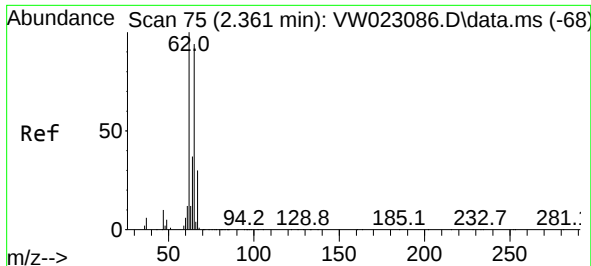
Tgt Ion: 85 Resp: 2193
Ion Ratio Lower Upper
85 100
87 37.1 27.8 41.8



#3
Chloromethane
Concen: 22.405 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion: 50 Resp: 14889
Ion Ratio Lower Upper
50 100
52 34.2 23.1 42.9

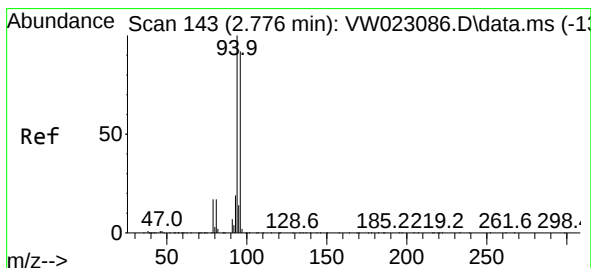
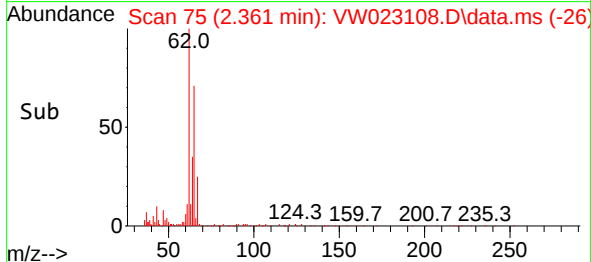
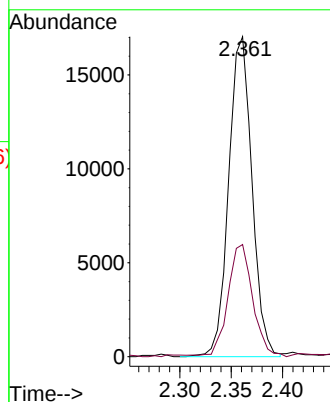
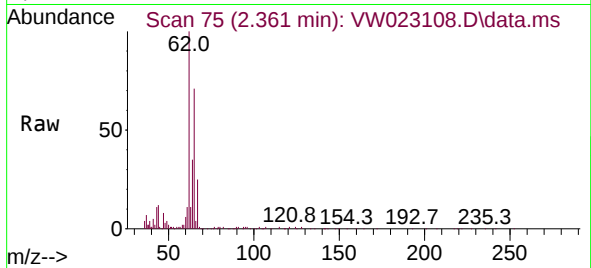




#5
 Vinyl chloride
 Concen: 20.137 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023108.D
 Acq: 17 May 2022 18:14

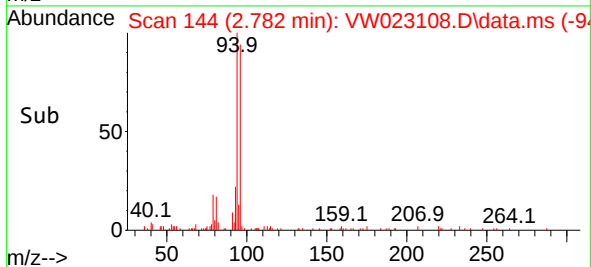
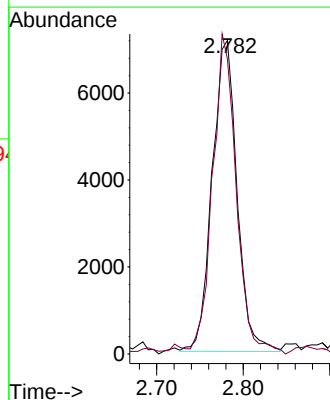
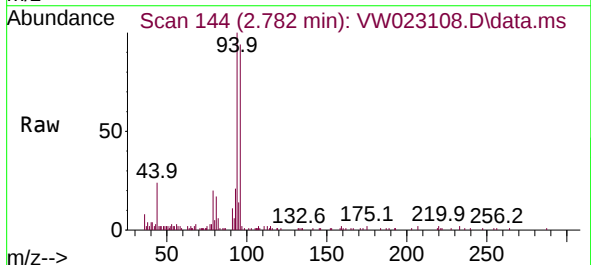
Instrument :
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 ClientSampleId :
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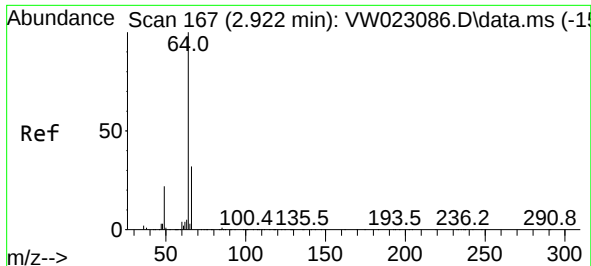
Tgt Ion: 62 Resp: 26856
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.9 46.3



#6
 Bromomethane
 Concen: 16.658 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW023108.D
 Acq: 17 May 2022 18:14

Tgt Ion: 94 Resp: 14264
 Ion Ratio Lower Upper
 94 100
 96 94.1 61.7 114.5

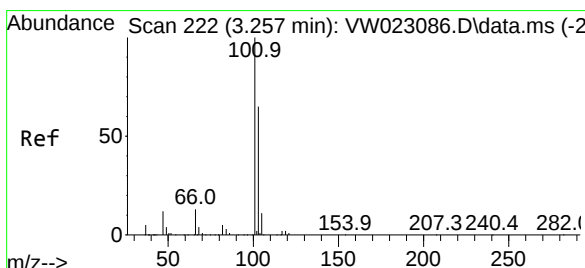
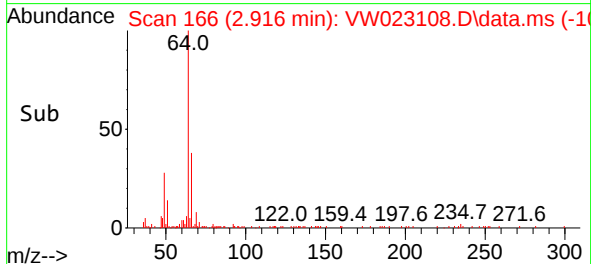
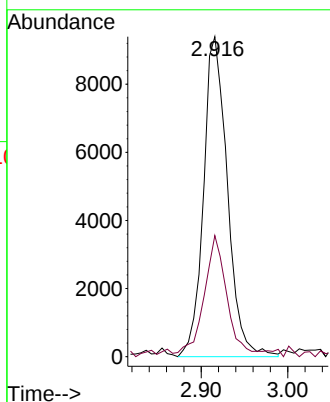
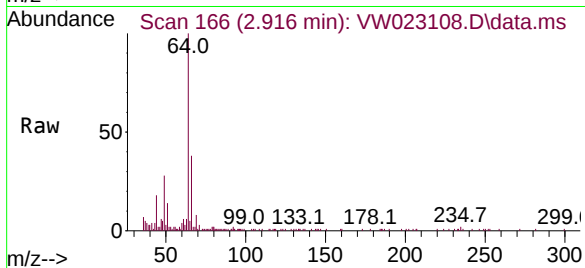




#8
Chloroethane
Concen: 27.944 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

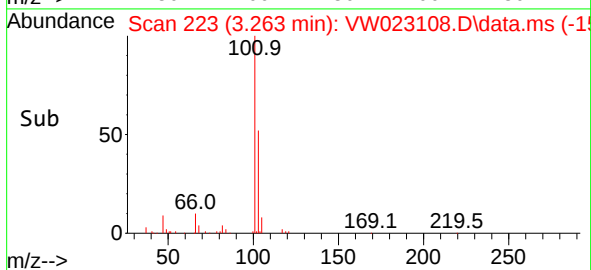
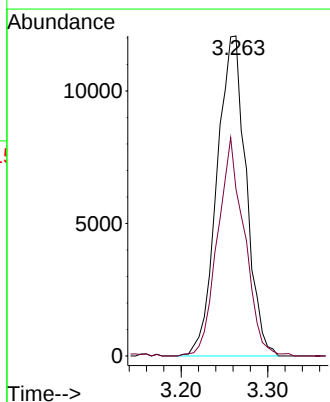
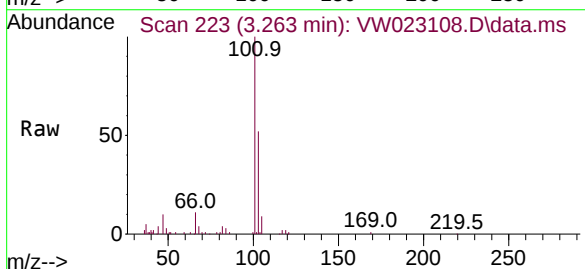
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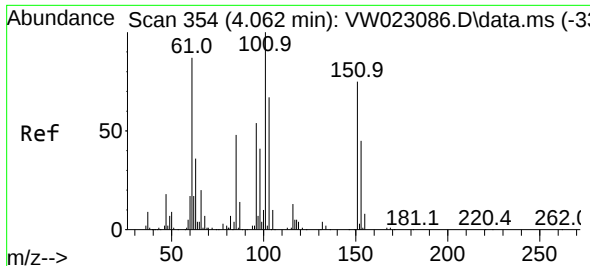
Tgt Ion: 64 Resp: 17975
Ion Ratio Lower Upper
64 100
66 37.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 46.261 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion: 101 Resp: 28199
Ion Ratio Lower Upper
101 100
103 62.8 53.9 80.9

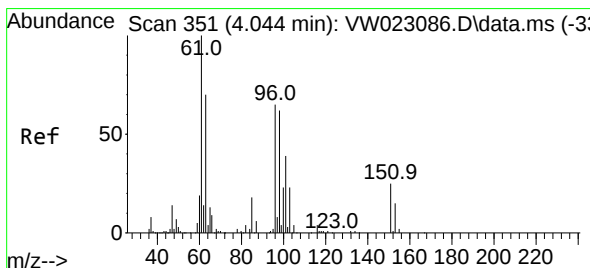
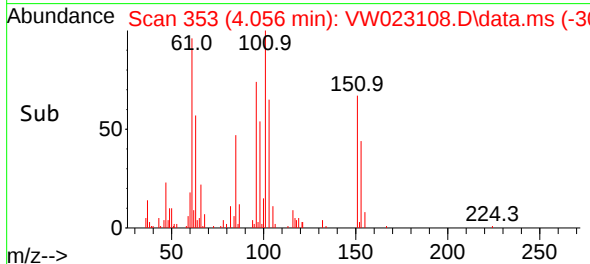
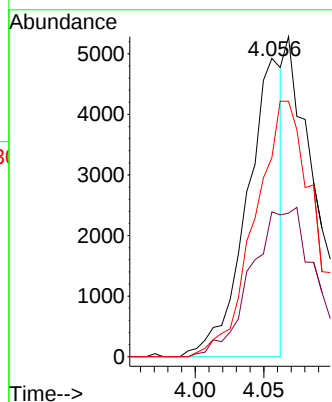
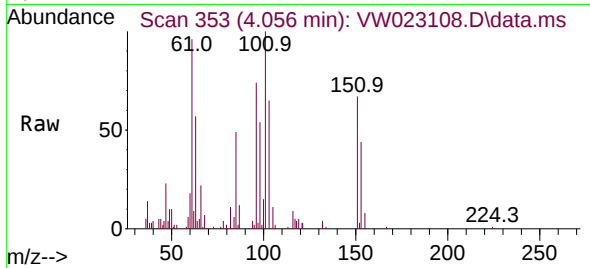




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.757 ug/L
 RT: 4.056 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW023108.D
 Acq: 17 May 2022 18:14

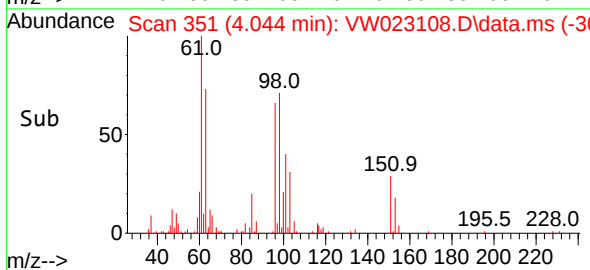
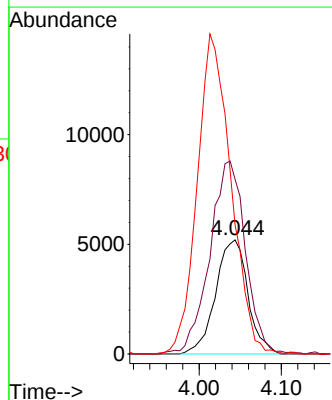
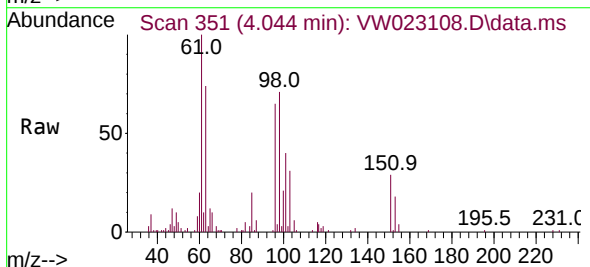
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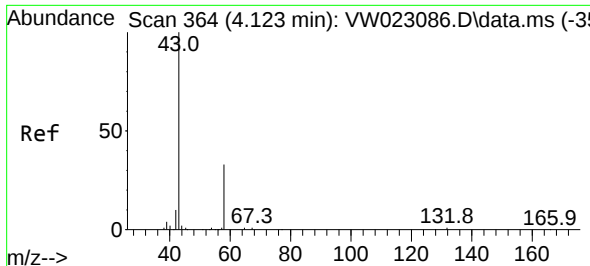
Tgt Ion:101 Resp: 8893
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.3 51.5
 151 145.3 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 17.531 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW023108.D
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Tgt Ion: 96 Resp: 14165
 Ion Ratio Lower Upper
 96 100
 61 152.9 125.7 233.5
 63 113.0 83.4 155.0

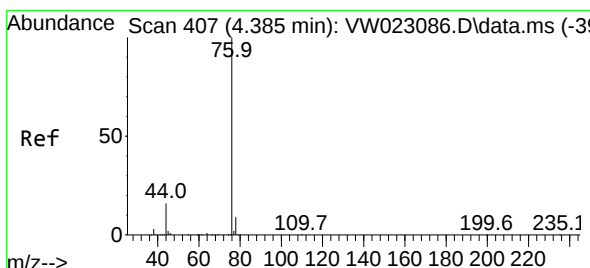
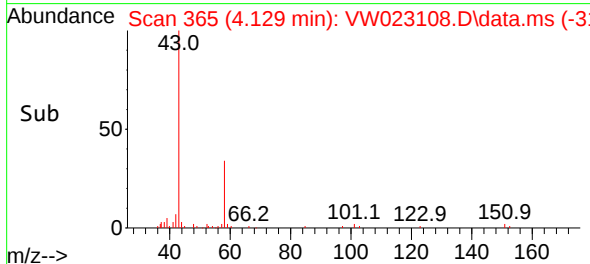
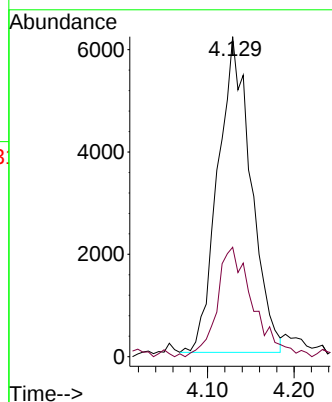
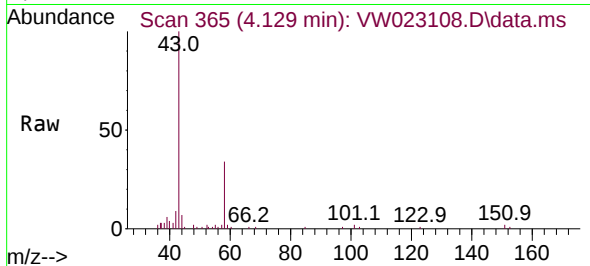




#13
Acetone
Concen: 89.307 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023108.D
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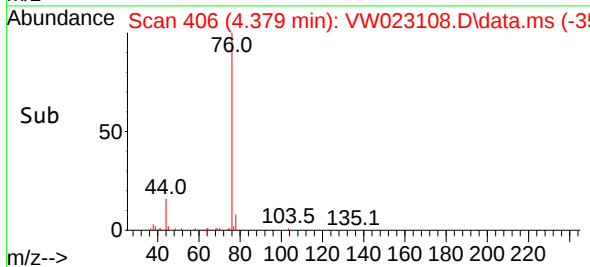
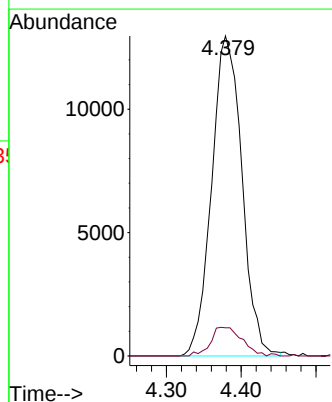
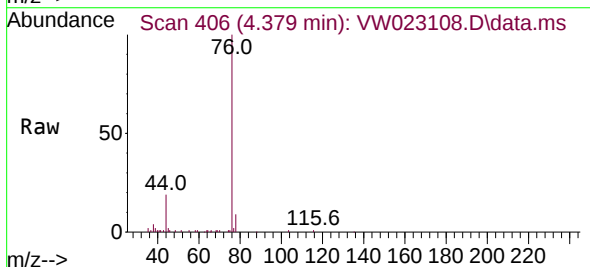
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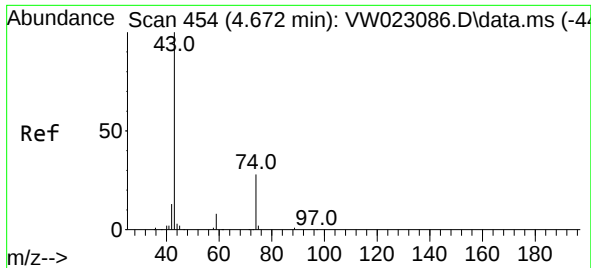
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Ion Ratio Lower Upper
43 100
58 37.0 0.0 64.0



#14
Carbon disulfide
Concen: 16.456 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 36453
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5

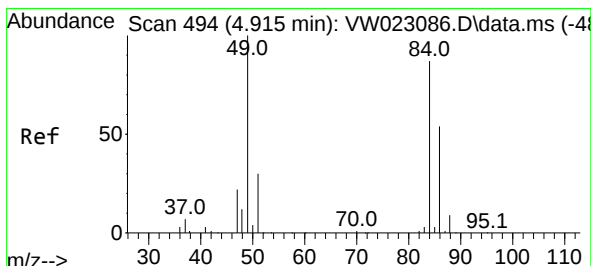
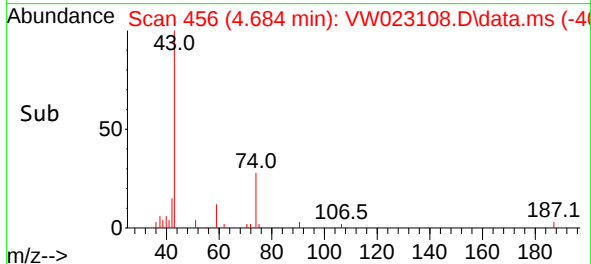
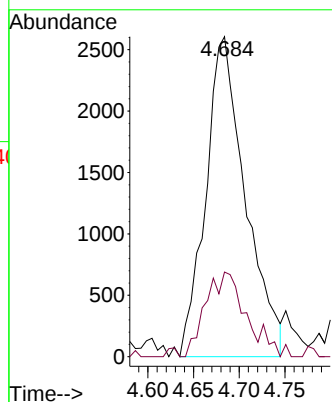
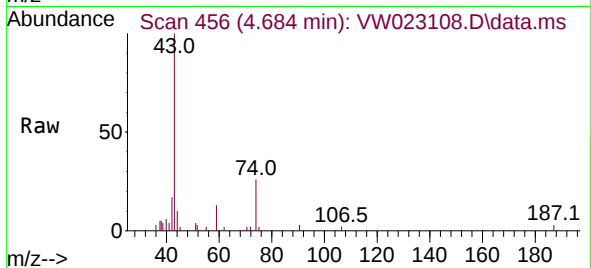




#15
Methyl Acetate
Concen: 21.249 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

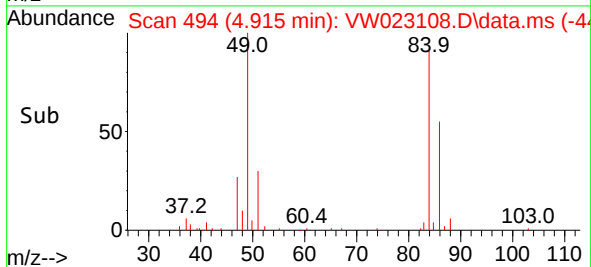
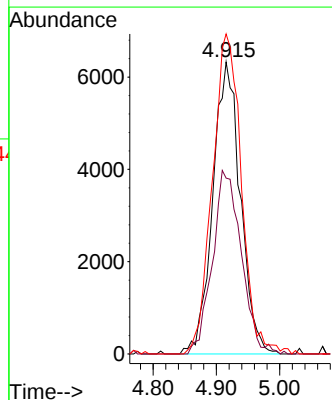
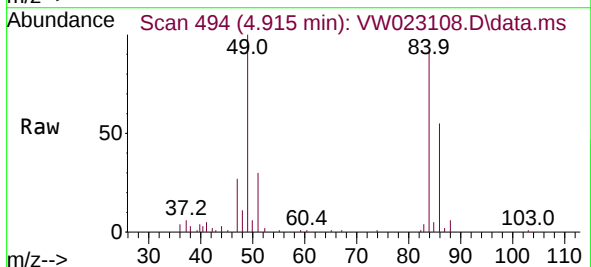
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

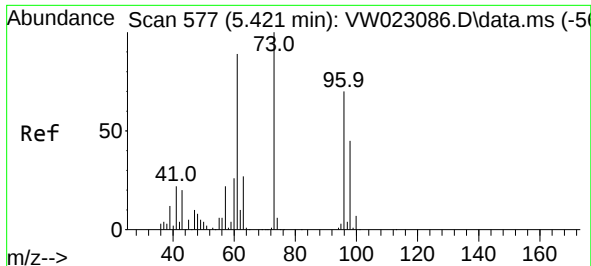
Tgt Ion: 43 Resp: 7865
Ion Ratio Lower Upper
43 100
74 24.6 21.9 32.9



#16
Methylene chloride
Concen: 20.761 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion: 84 Resp: 19164
Ion Ratio Lower Upper
84 100
86 60.2 45.4 84.4
49 109.6 82.5 153.1

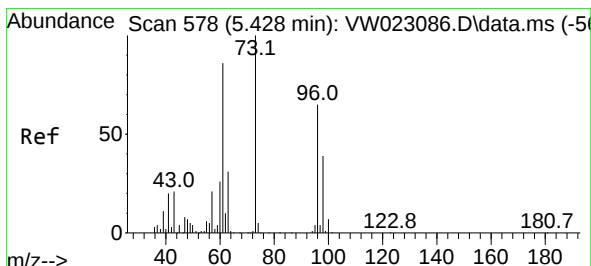
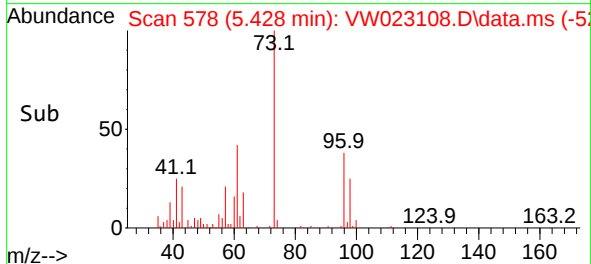
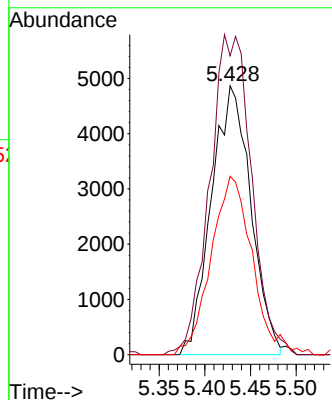
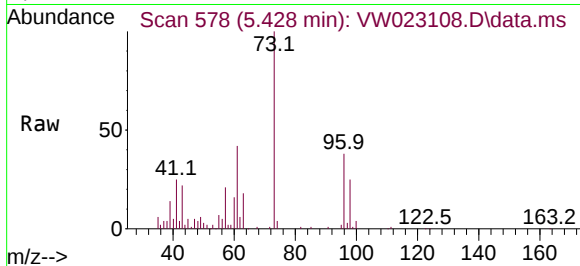




#17
trans-1,2-Dichloroethene
Concen: 16.081 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

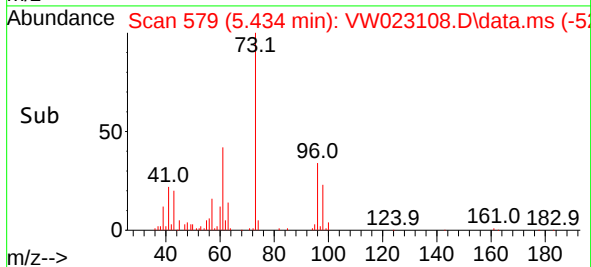
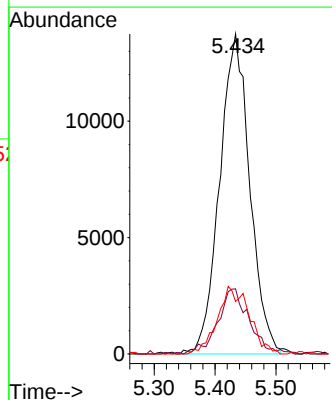
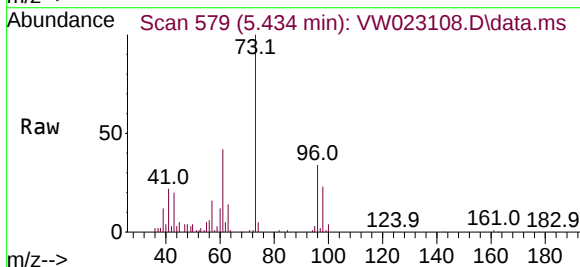
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

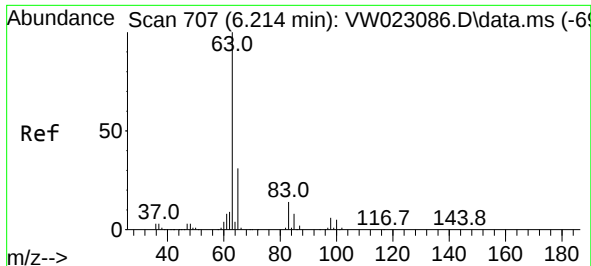
Tgt Ion: 96 Resp: 14622
Ion Ratio Lower Upper
96 100
61 111.2 92.2 171.2
98 66.4 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 34.025 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion: 73 Resp: 47227
Ion Ratio Lower Upper
73 100
43 18.4 15.9 23.9
57 8.5 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 19.726 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSD

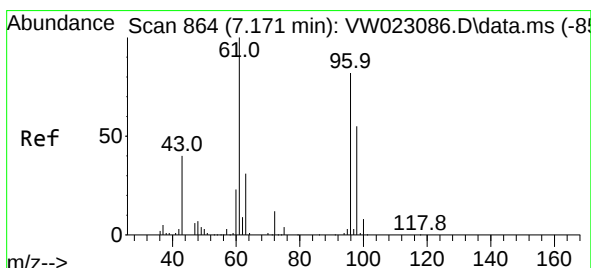
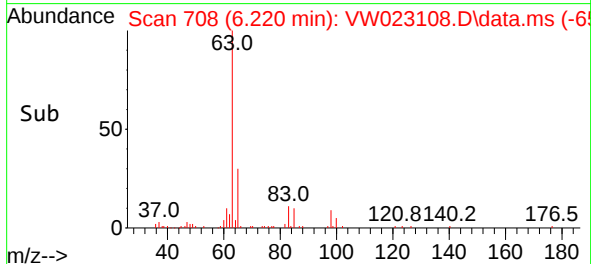
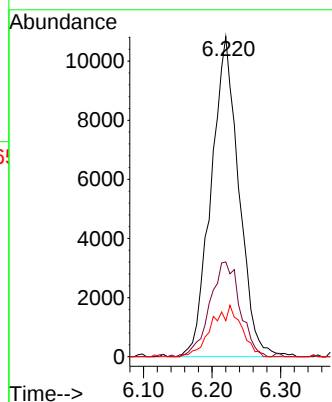
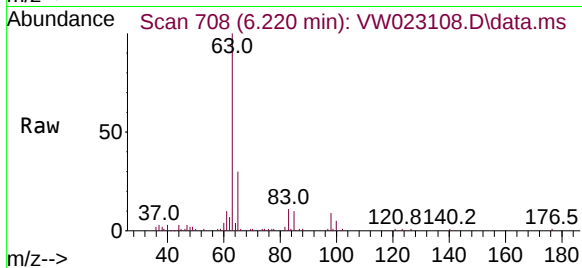
Tgt Ion: 63 Resp: 30399

Ion Ratio Lower Upper

63 100

65 29.6 23.3 43.3

83 11.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 19.013 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

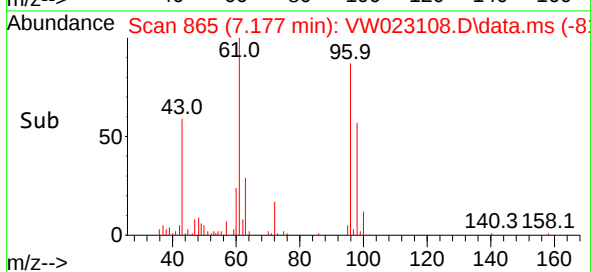
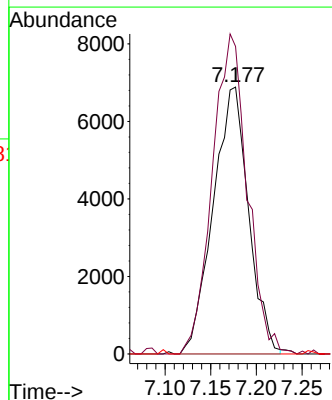
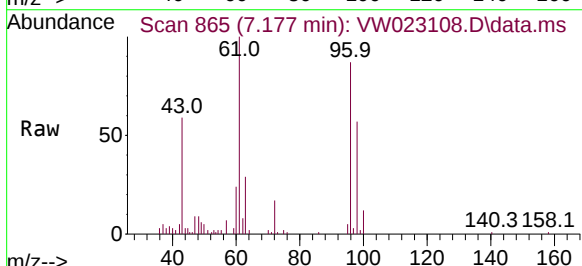
Tgt Ion: 96 Resp: 18568

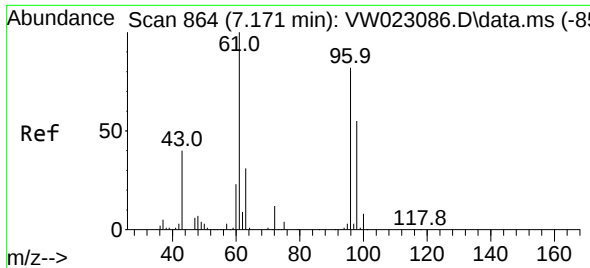
Ion Ratio Lower Upper

96 100

61 115.2 84.2 156.4

68 0.0 0.1 0.1#

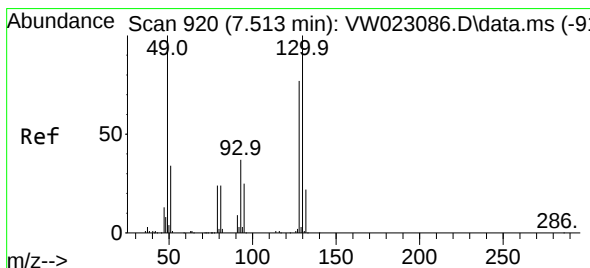
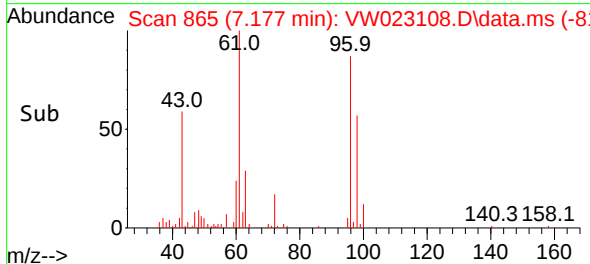
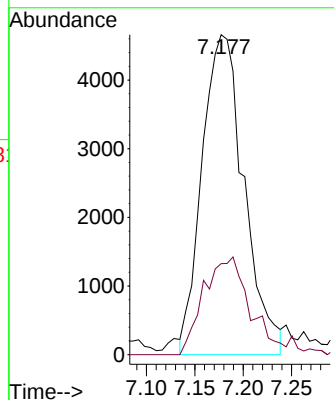
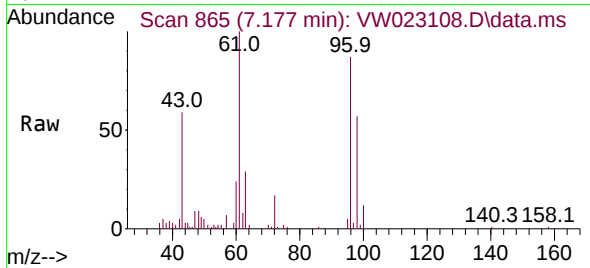




#22
2-Butanone
Concen: 54.658 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

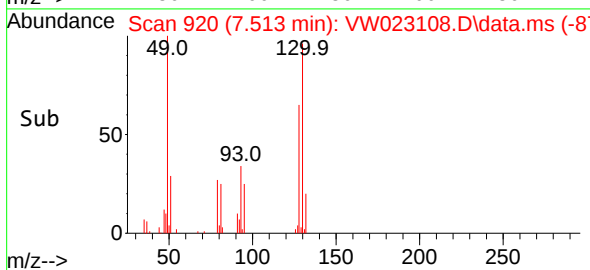
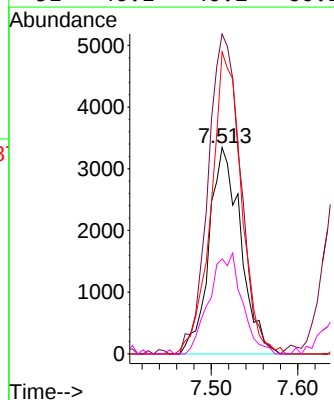
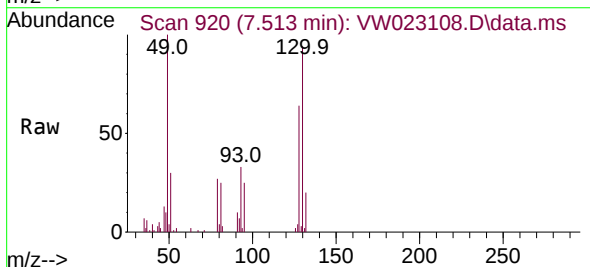
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

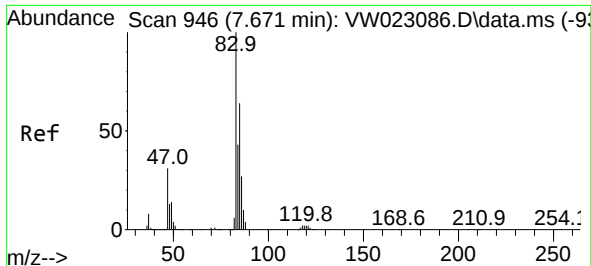
Tgt Ion: 43 Resp: 14083
Ion Ratio Lower Upper
43 100
72 28.8 15.1 45.3



#23
Bromochloromethane
Concen: 18.554 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion: 128 Resp: 8486
Ion Ratio Lower Upper
128 100
49 155.1 110.0 204.4
130 146.4 94.8 176.0
51 46.1 40.2 60.2

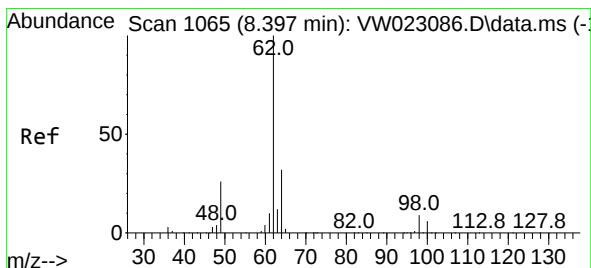
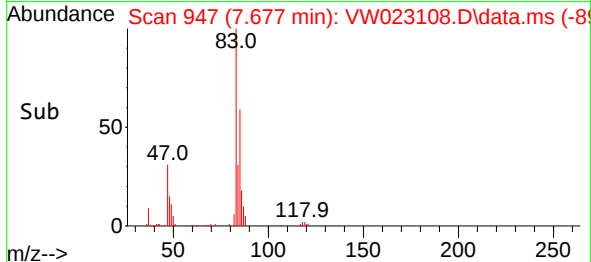
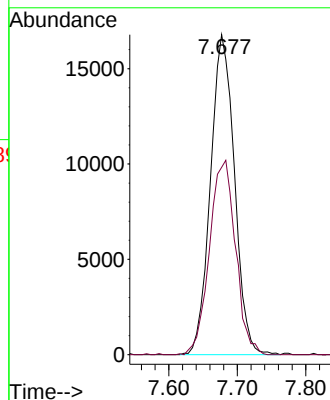
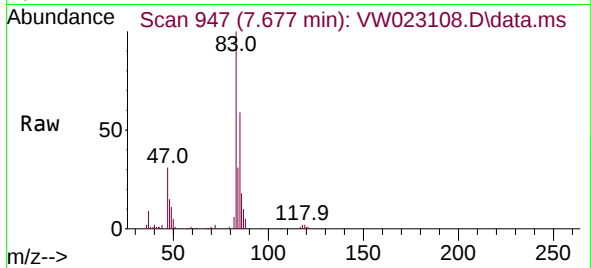




#25
Chloroform
Concen: 23.924 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

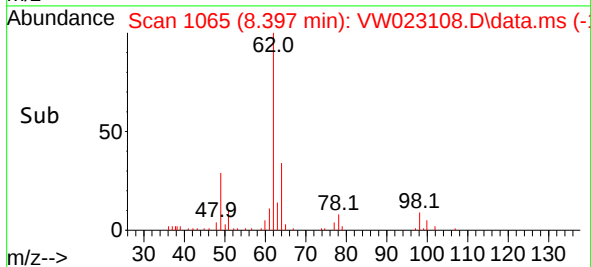
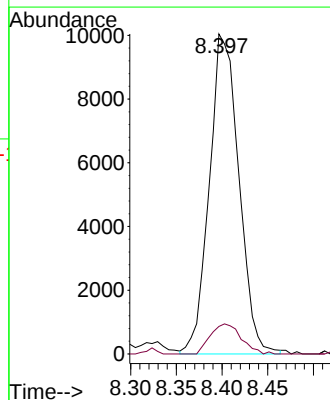
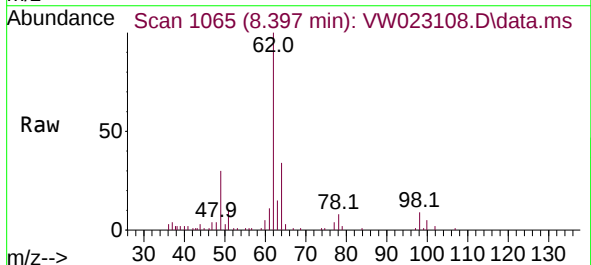
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

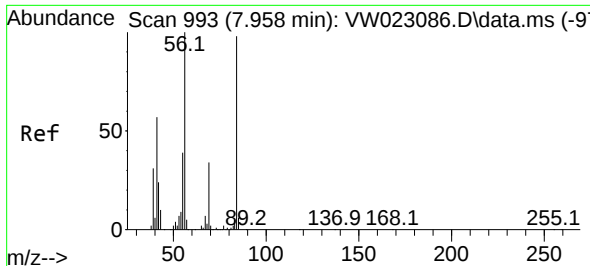
Tgt Ion: 83 Resp: 40767
Ion Ratio Lower Upper
83 100
85 58.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 19.892 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion: 62 Resp: 22595
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8





#29

Cyclohexane

Concen: 17.044 ug/L

RT: 7.951 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSD

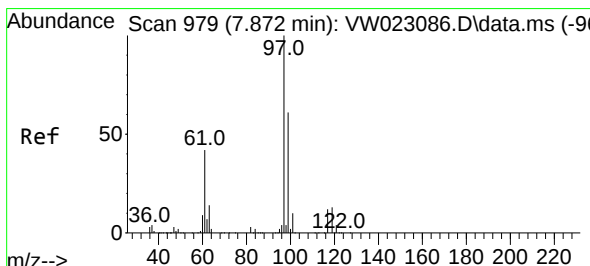
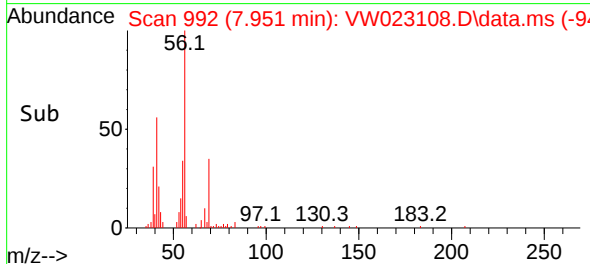
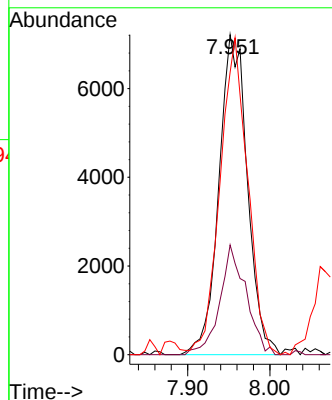
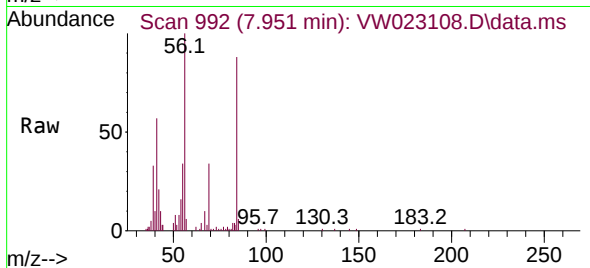
Tgt Ion: 56 Resp: 17344

Ion Ratio Lower Upper

56 100

69 31.8 25.6 38.4

84 96.3 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 28.490 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

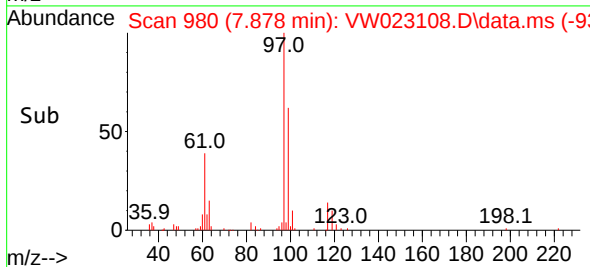
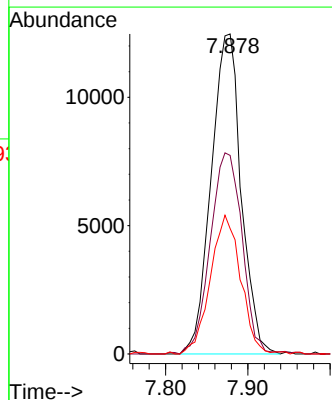
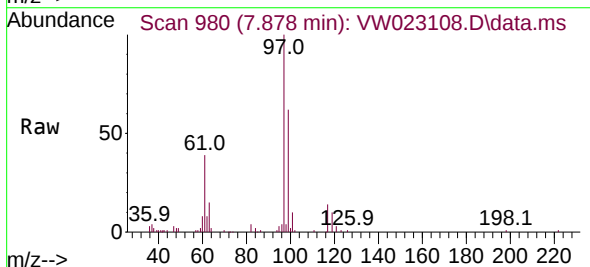
Tgt Ion: 97 Resp: 31679

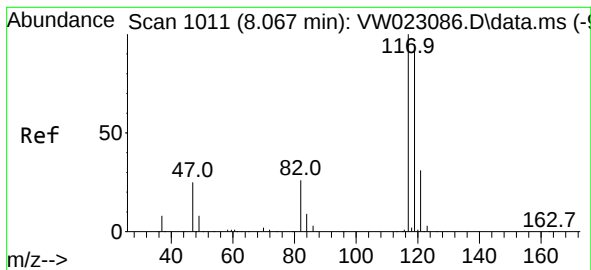
Ion Ratio Lower Upper

97 100

99 66.3 51.0 76.4

61 43.6 34.8 52.2

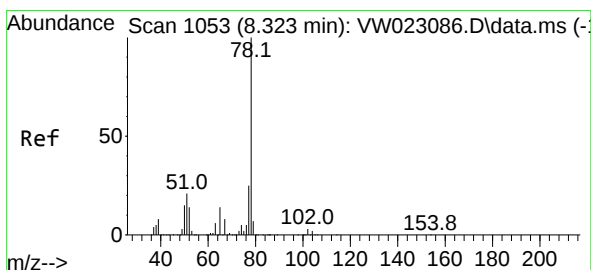
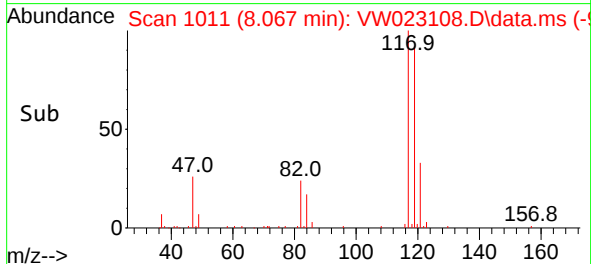
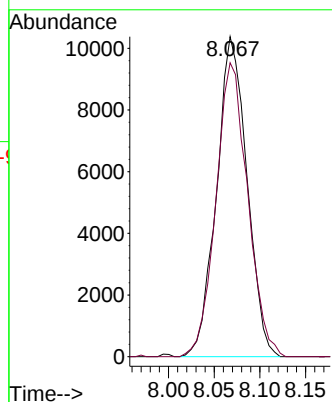
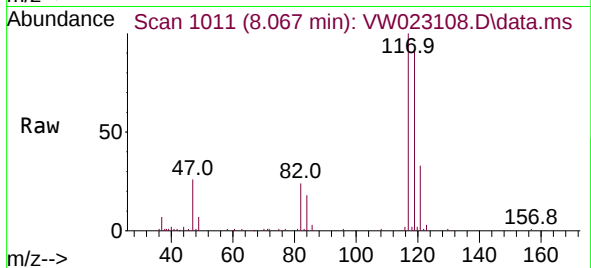




#31
Carbon tetrachloride
Concen: 23.115 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

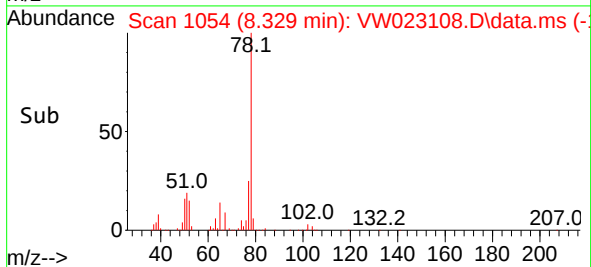
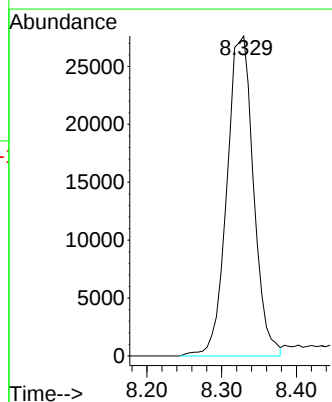
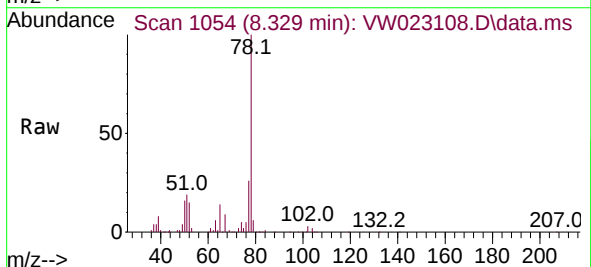
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

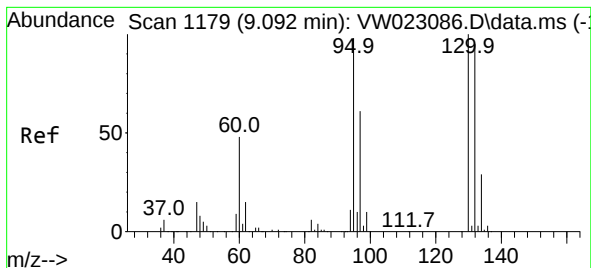
Tgt Ion:117 Resp: 24043
Ion Ratio Lower Upper
117 100
119 95.9 76.6 115.0



#33
Benzene
Concen: 24.746 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion: 78 Resp: 68593





#34

Trichloroethene

Concen: 30.072 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSD

Tgt Ion: 95 Resp: 22924

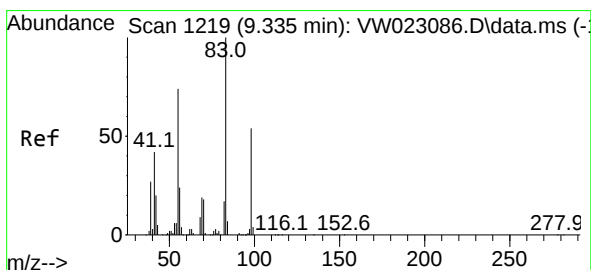
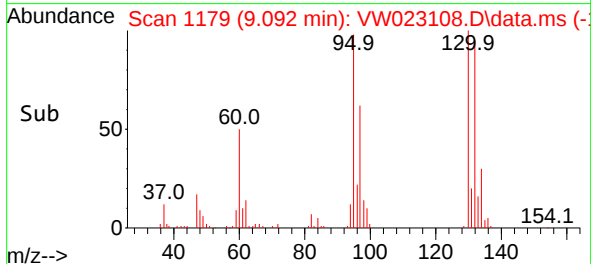
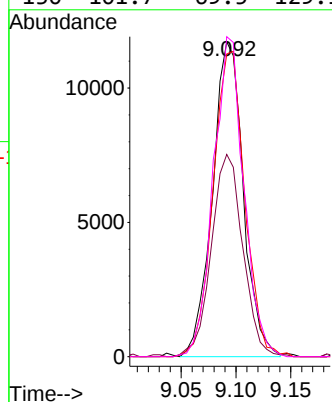
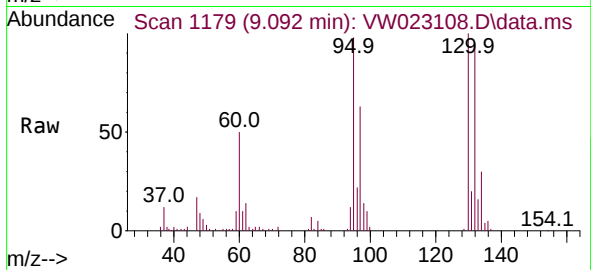
Ion Ratio Lower Upper

95 100

97 64.2 46.1 85.7

132 96.2 66.9 124.3

130 101.7 69.5 129.1



#35

Methylcyclohexane

Concen: 10.392 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

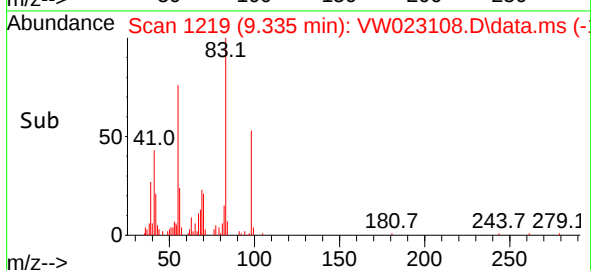
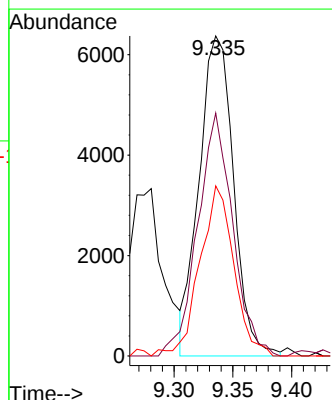
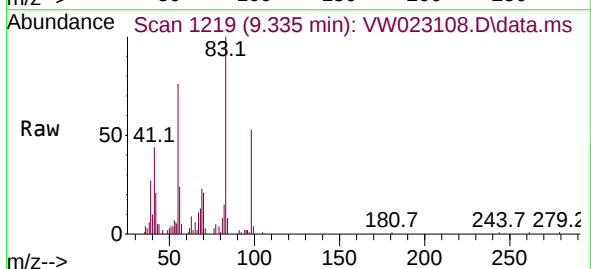
Tgt Ion: 83 Resp: 13014

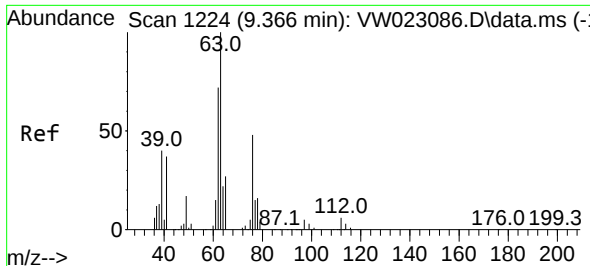
Ion Ratio Lower Upper

83 100

55 77.3 55.1 82.7

98 51.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.005 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

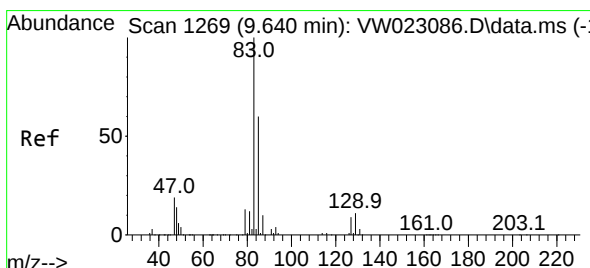
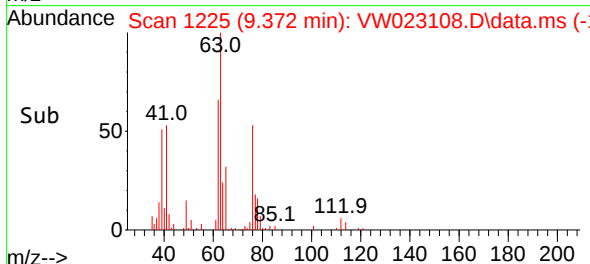
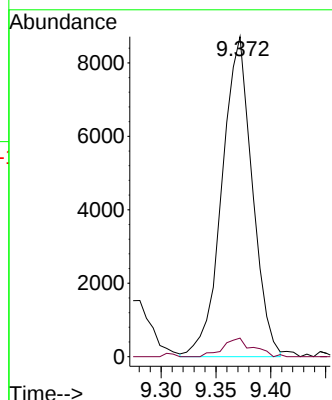
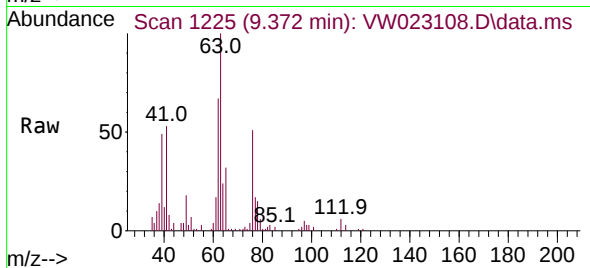
EW4K6MSD

Tgt Ion: 63 Resp: 16773

Ion Ratio Lower Upper

63 100

112 3.7 3.8 5.8#



#38

Bromodichloromethane

Concen: 22.643 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

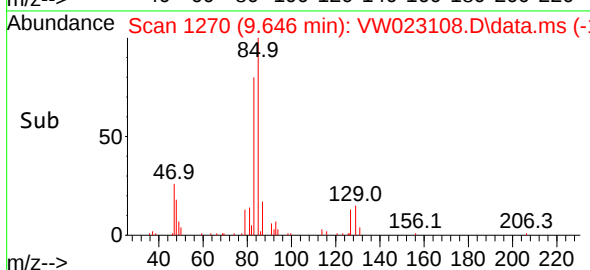
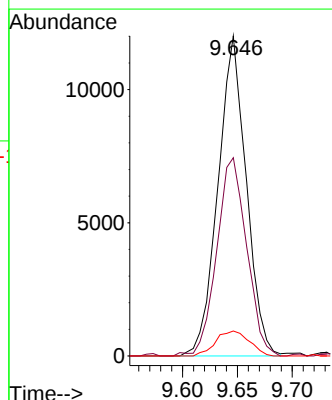
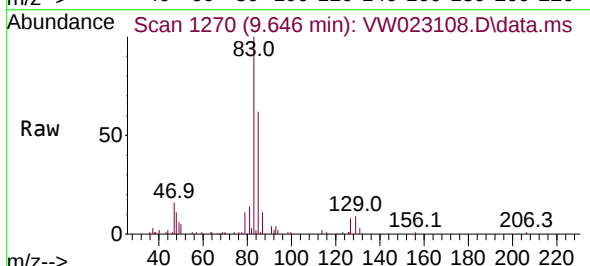
Tgt Ion: 83 Resp: 21573

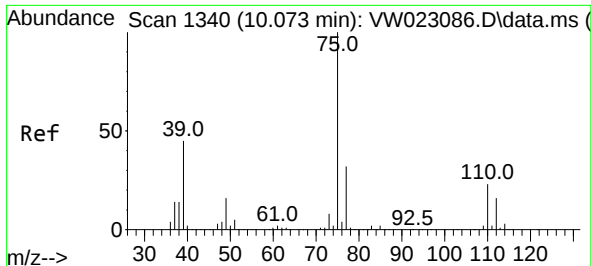
Ion Ratio Lower Upper

83 100

85 61.9 43.5 80.7

127 7.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 19.016 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

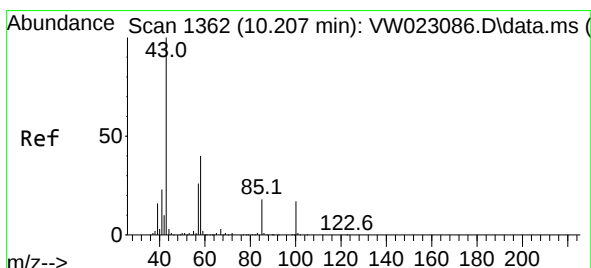
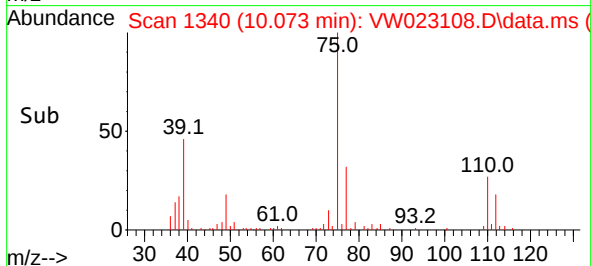
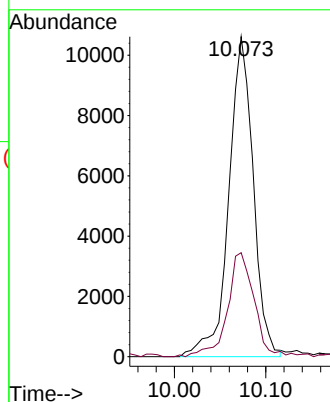
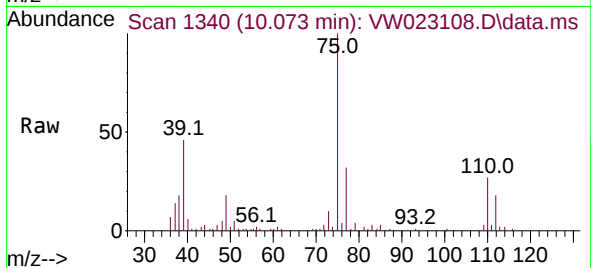
EW4K6MSD

Tgt Ion: 75 Resp: 19778

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 58.436 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

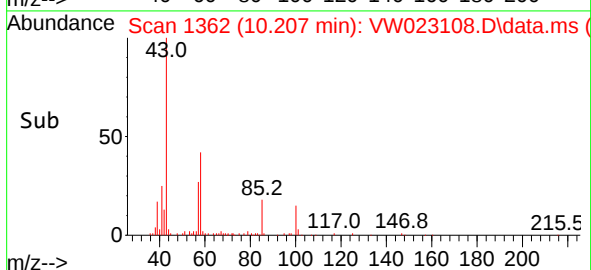
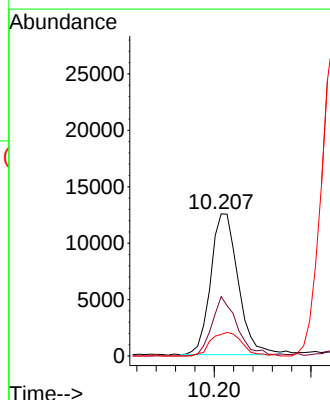
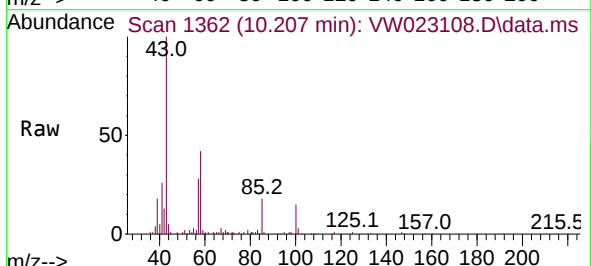
Tgt Ion: 43 Resp: 24706

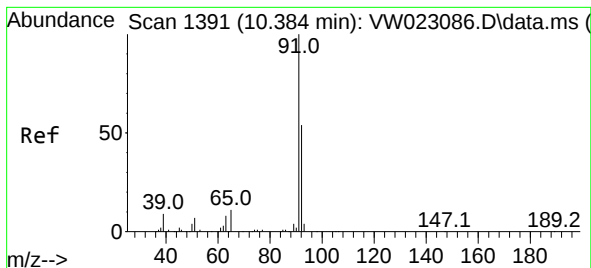
Ion Ratio Lower Upper

43 100

58 37.1 31.4 47.2

100 19.0 14.2 21.4





#42

Toluene

Concen: 22.894 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

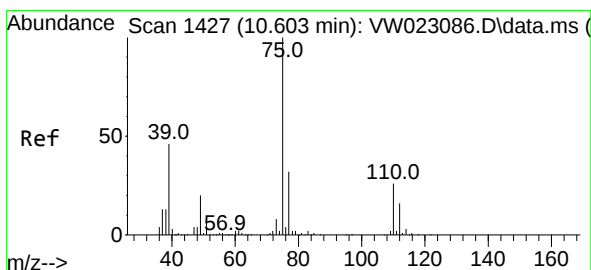
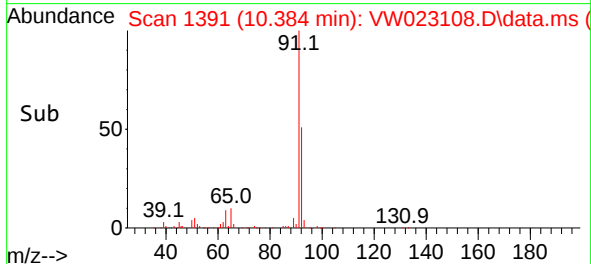
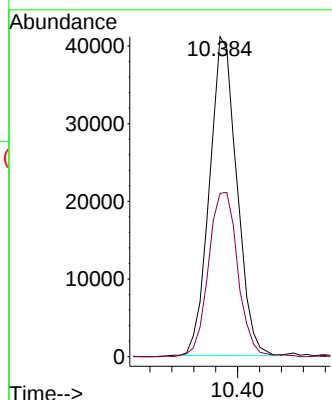
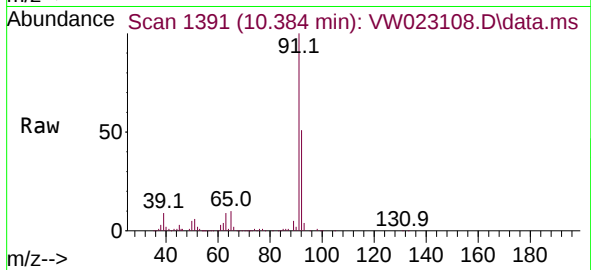
EW4K6MSD

Tgt Ion: 91 Resp: 71119

Ion Ratio Lower Upper

91 100

92 51.0 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 17.546 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023108.D

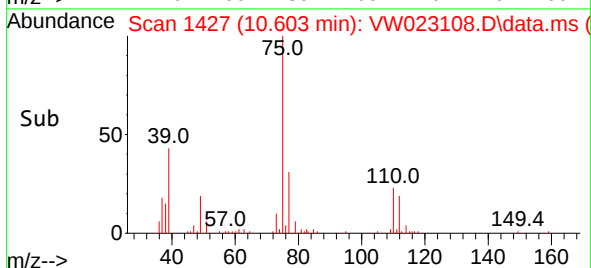
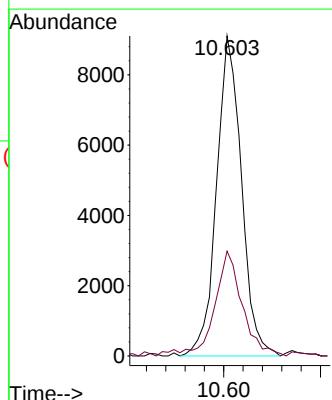
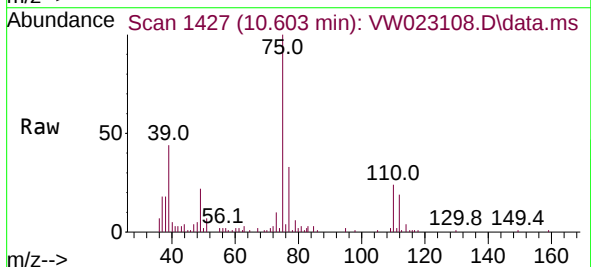
Acq: 17 May 2022 18:14

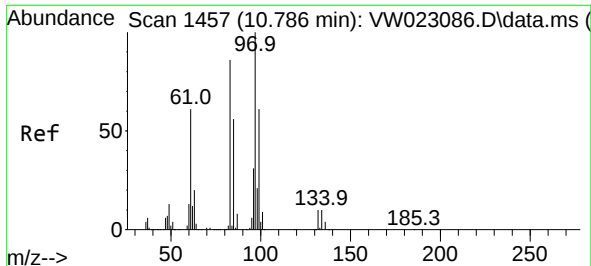
Tgt Ion: 75 Resp: 16289

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8

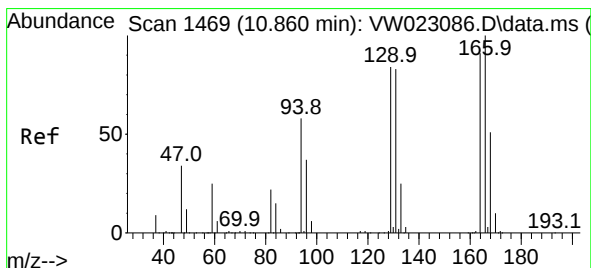
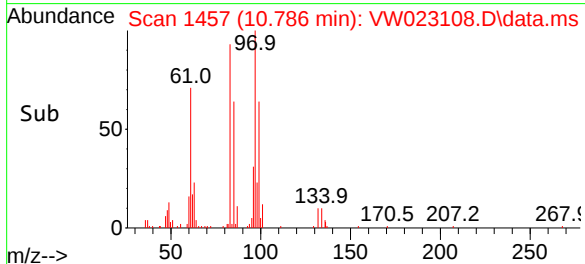
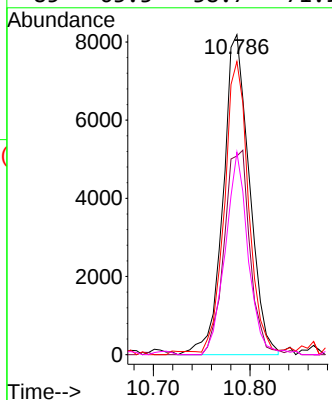
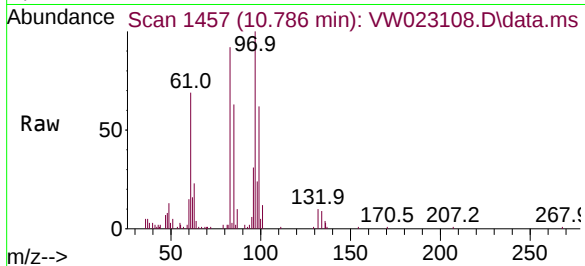




#45
1,1,2-Trichloroethane
Concen: 27.467 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

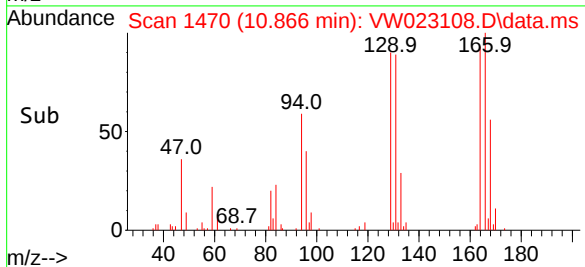
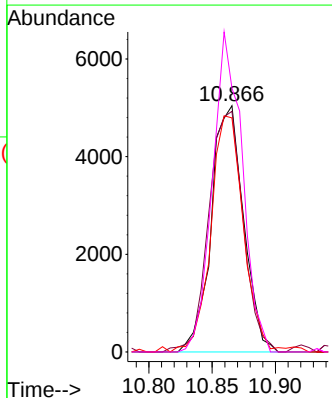
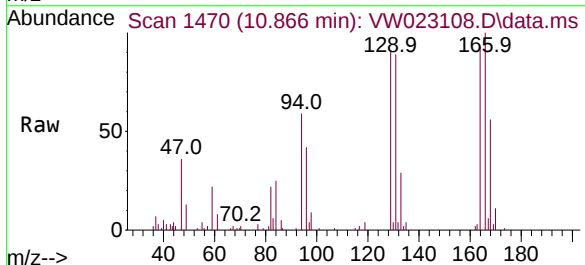
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

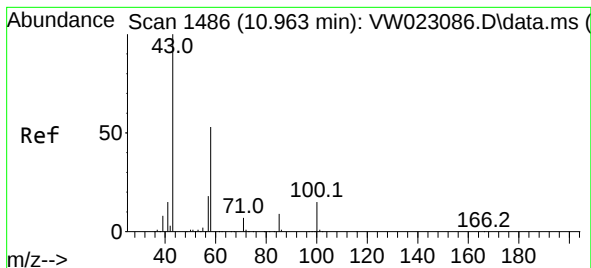
Tgt Ion:	97	Resp:	15402
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.7	82.9
83	91.6	58.4	108.4
85	63.3	38.7	71.9



#46
Tetrachloroethene
Concen: 15.653 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion:	164	Resp:	8967
Ion	Ratio	Lower	Upper
164	100		
129	97.7	76.9	142.7
131	95.1	75.1	139.5
166	107.1	96.0	178.2





#48

2-Hexanone

Concen: 55.414 ug/L

RT: 10.969 min Scan# 1486

Delta R.T. 0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSD

Tgt Ion: 43 Resp: 15654

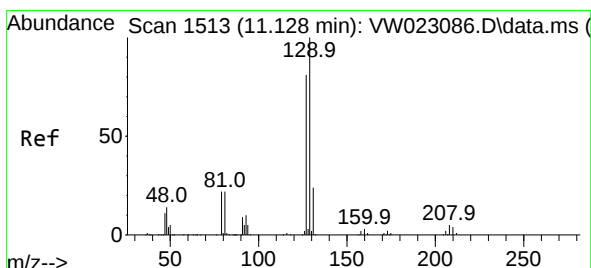
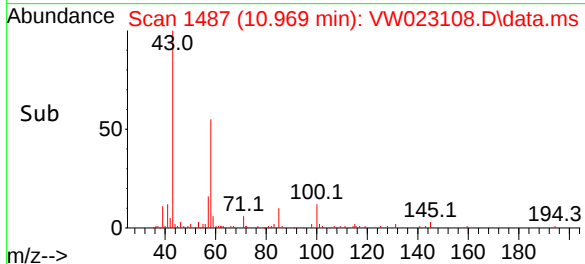
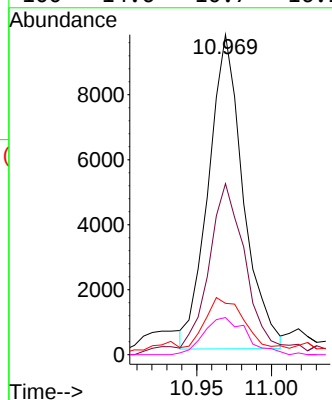
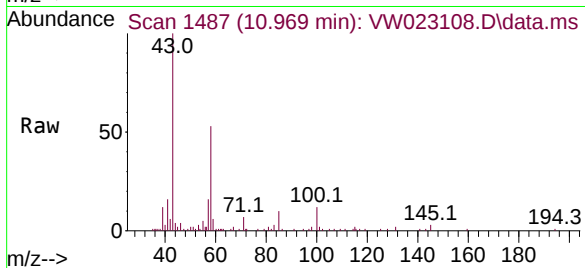
Ion Ratio Lower Upper

43 100

58 57.9 45.9 68.9

57 19.6 16.2 24.2

100 14.6 10.7 16.1



#49

Dibromochloromethane

Concen: 21.155 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023108.D

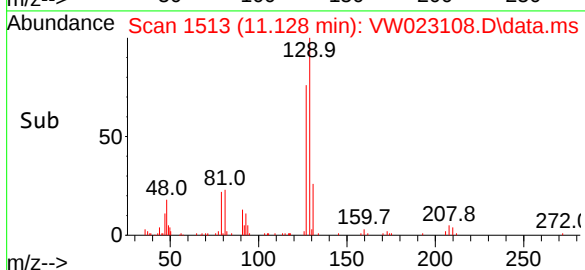
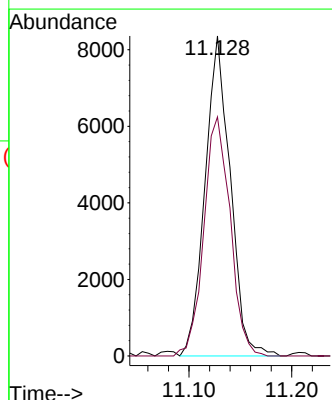
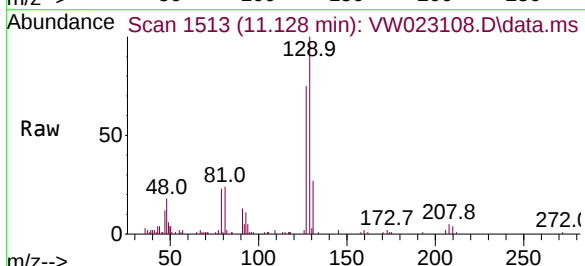
Acq: 17 May 2022 18:14

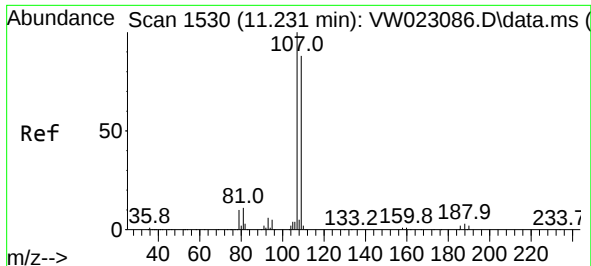
Tgt Ion: 129 Resp: 14277

Ion Ratio Lower Upper

129 100

127 74.7 53.8 100.0

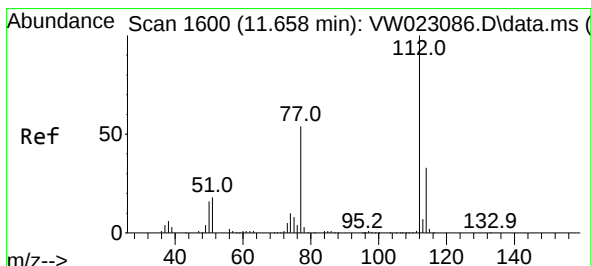
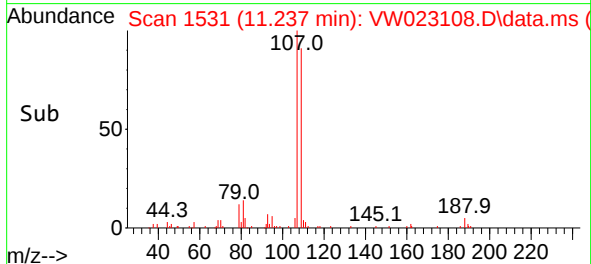
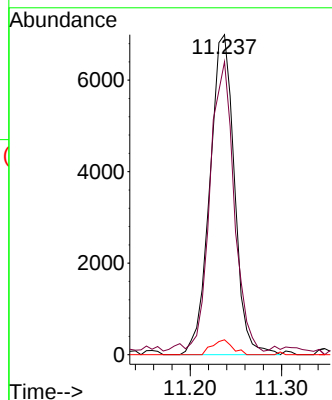
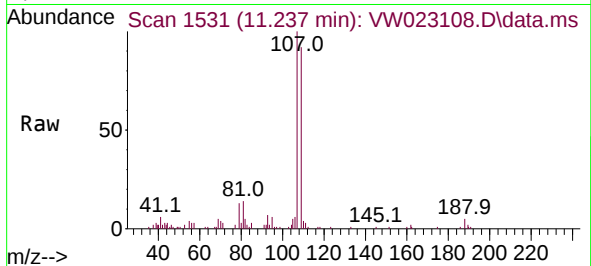




#50
1,2-Dibromoethane
Concen: 23.228 ug/L
RT: 11.237 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

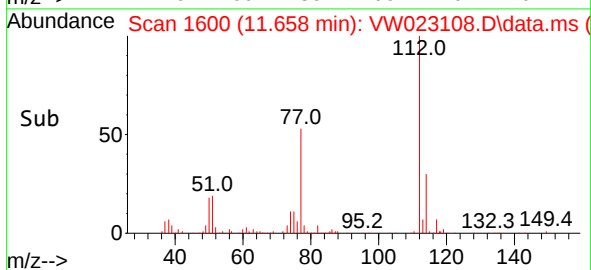
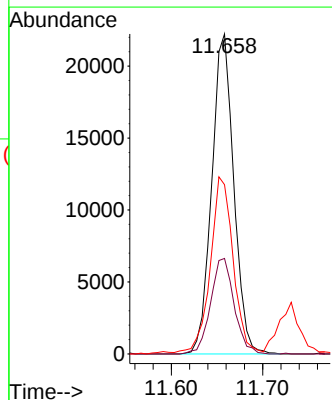
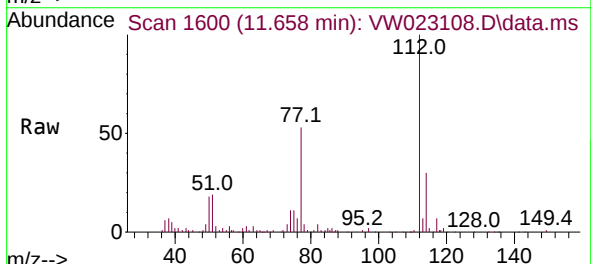
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

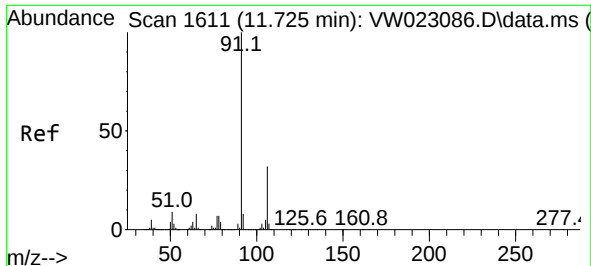
Tgt Ion:107 Resp: 13079
Ion Ratio Lower Upper
107 100
109 91.5 67.5 125.4
188 4.6 2.9 4.3#



#51
Chlorobenzene
Concen: 18.157 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion:112 Resp: 37185
Ion Ratio Lower Upper
112 100
114 29.8 22.0 41.0
77 52.9 42.6 63.8

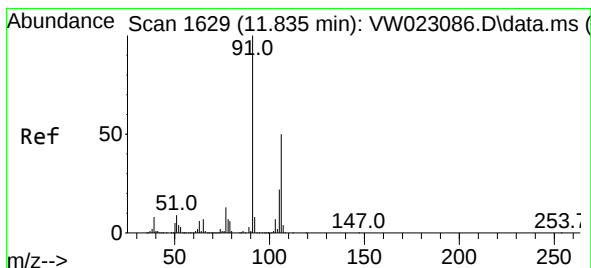
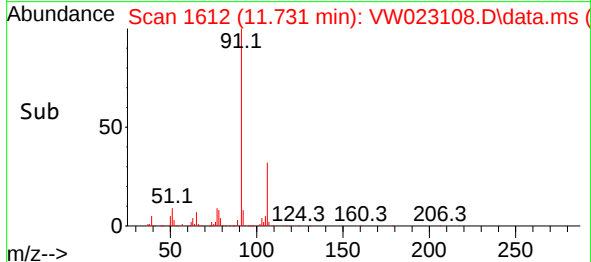
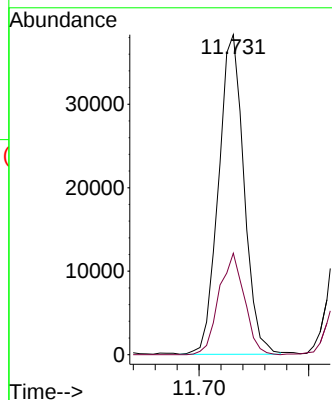
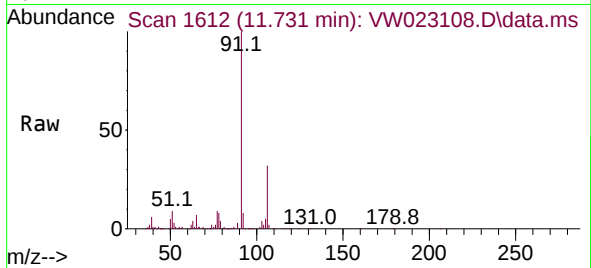




#52
Ethylbenzene
Concen: 17.859 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

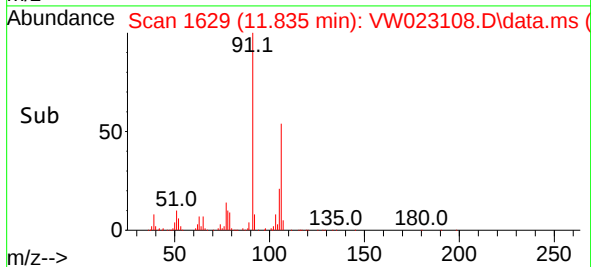
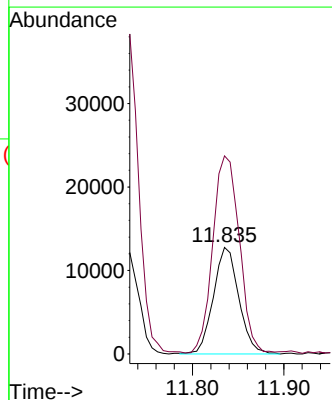
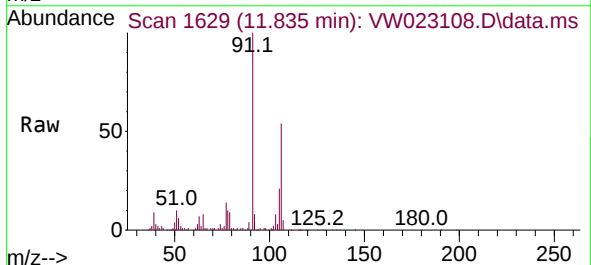
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

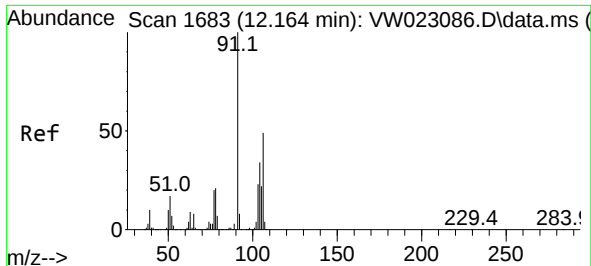
Tgt Ion: 91 Resp: 61720
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 18.107 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion:106 Resp: 24657
Ion Ratio Lower Upper
106 100
91 185.7 136.8 254.0

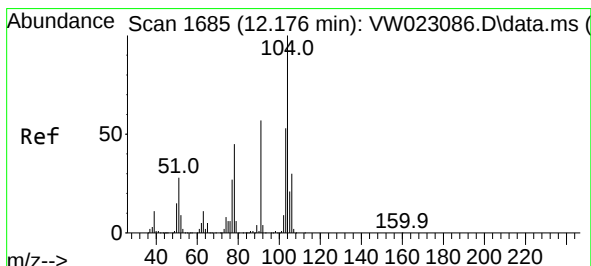
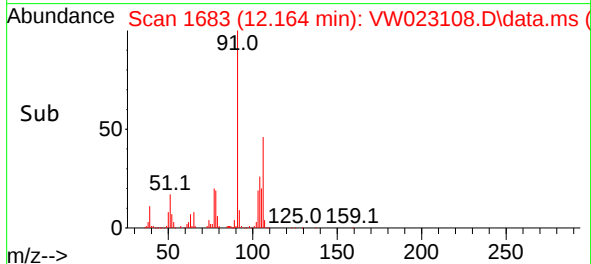
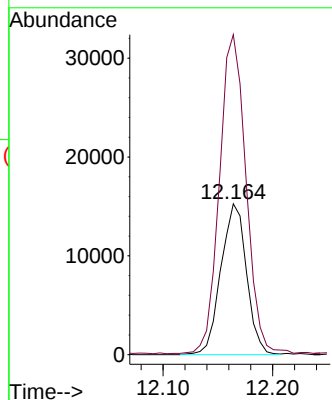
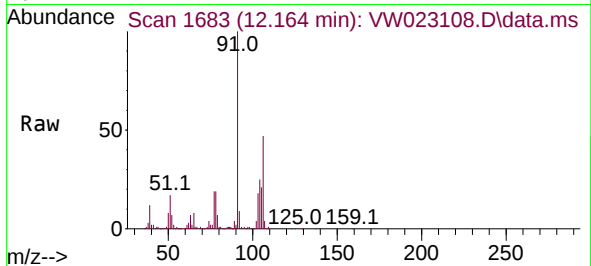




#54
o-Xylene
Concen: 18.979 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

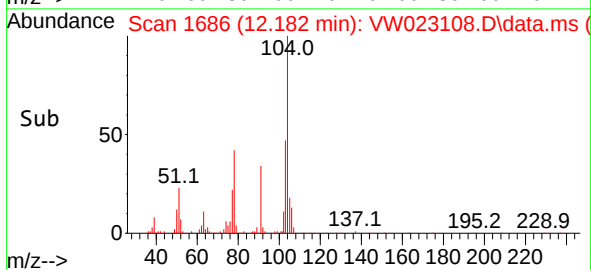
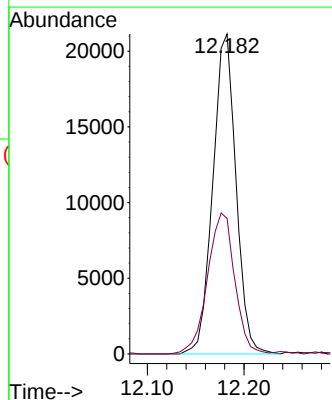
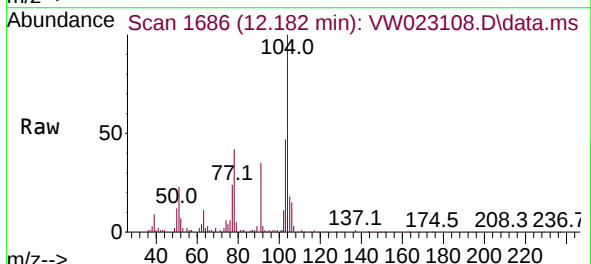
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

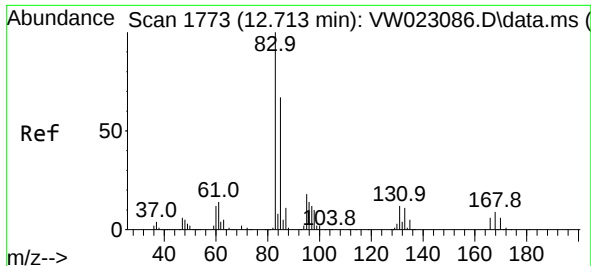
Tgt Ion:106 Resp: 24800
Ion Ratio Lower Upper
106 100
91 212.1 147.2 273.4



#55
Styrene
Concen: 15.842 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion:104 Resp: 35177
Ion Ratio Lower Upper
104 100
78 42.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 13.941 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSD

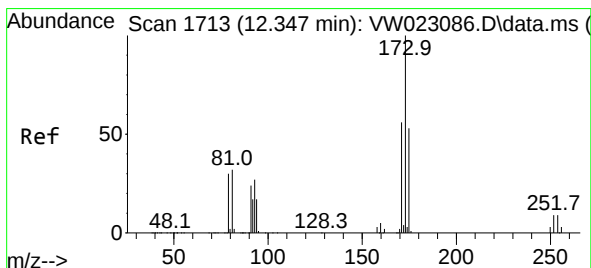
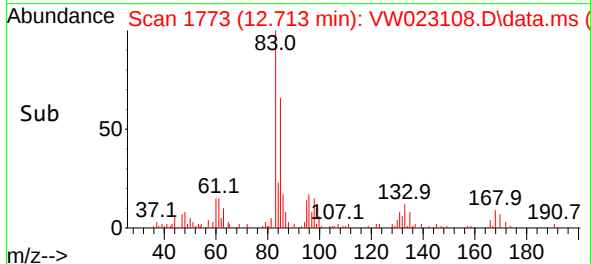
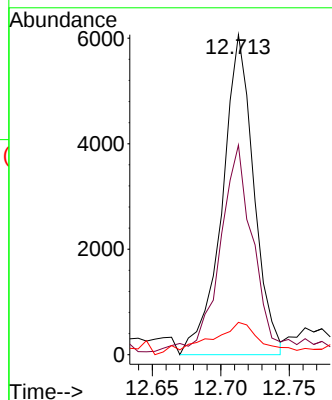
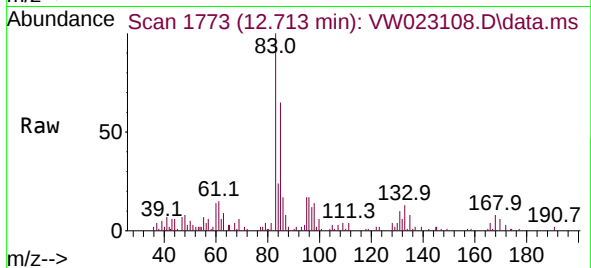
Tgt Ion: 83 Resp: 9764

Ion Ratio Lower Upper

83 100

85 65.5 47.5 88.1

131 10.1 8.7 13.1



#59

Bromoform

Concen: 36.058 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

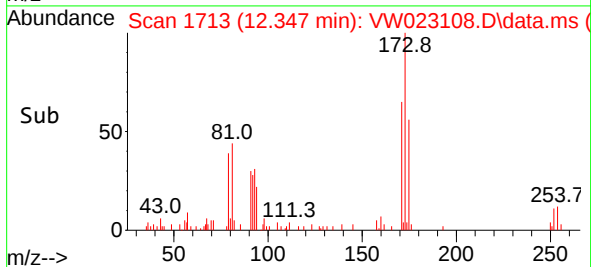
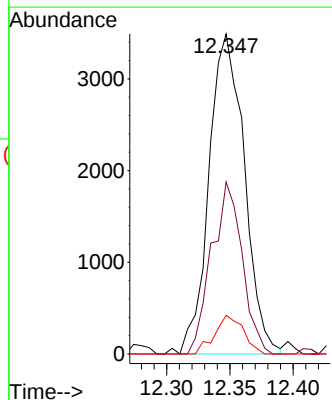
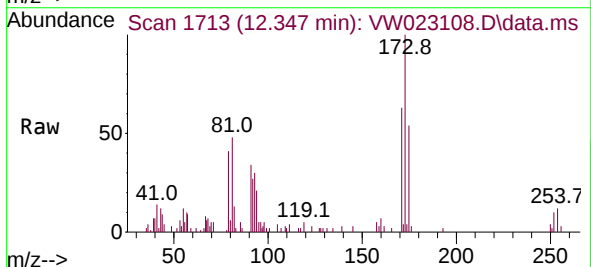
Tgt Ion: 173 Resp: 6778

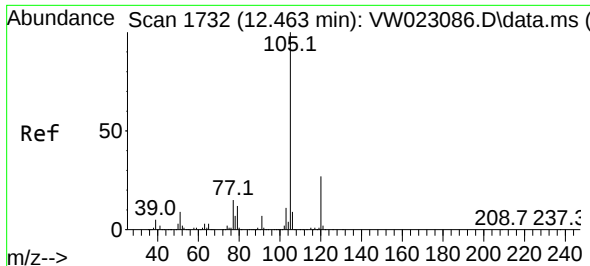
Ion Ratio Lower Upper

173 100

175 46.3 38.1 57.1

254 9.8 6.5 9.7#

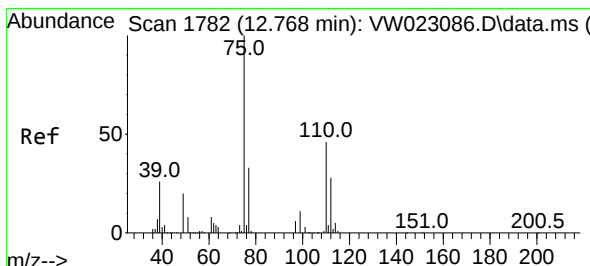
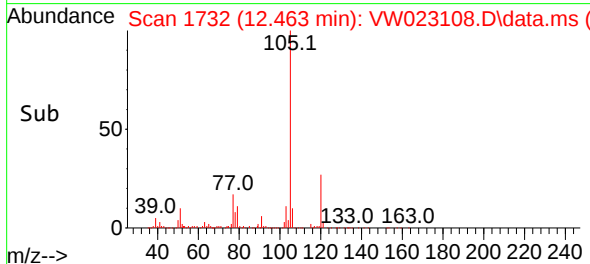
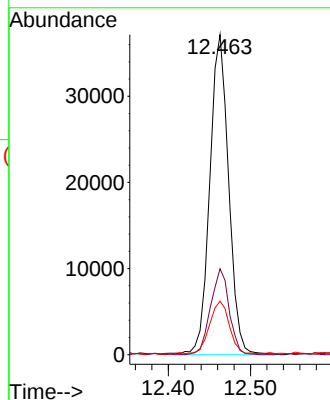
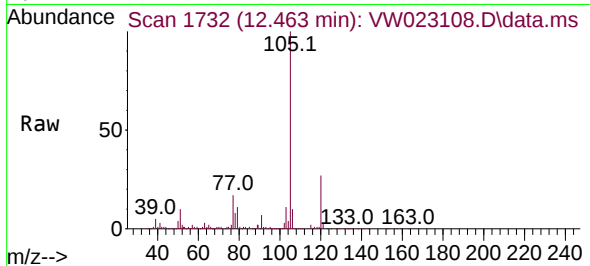




#60
Isopropylbenzene
Concen: 32.553 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

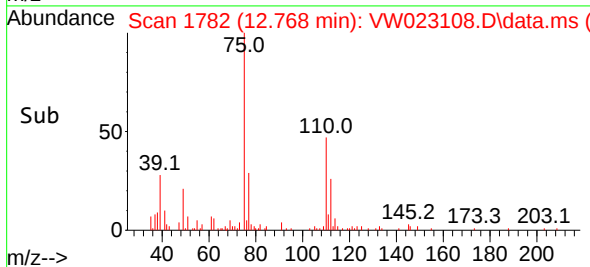
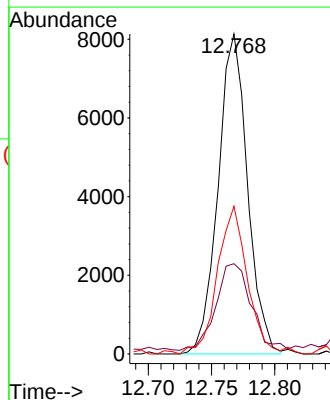
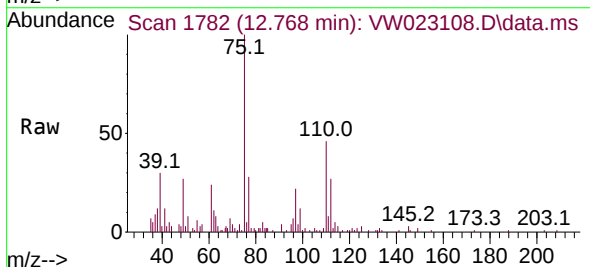
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

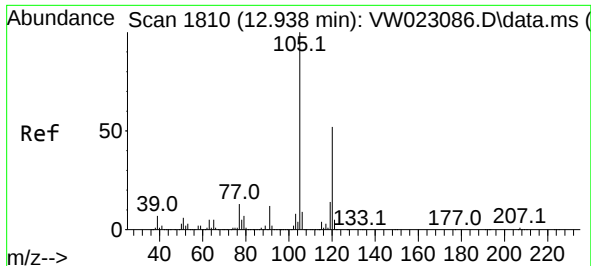
Tgt Ion:	105	Resp:	59152
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.3	31.9
77	16.6	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 49.621 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion:	75	Resp:	13151
Ion Ratio	Lower	Upper	
75	100		
77	31.8	26.2	39.2
110	46.6	34.1	51.1

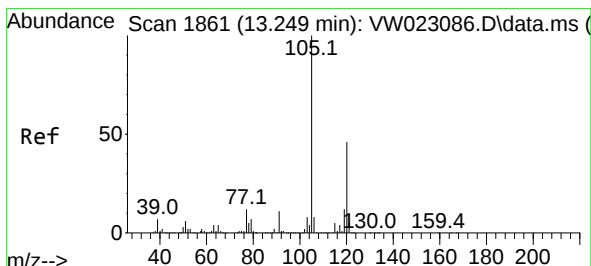
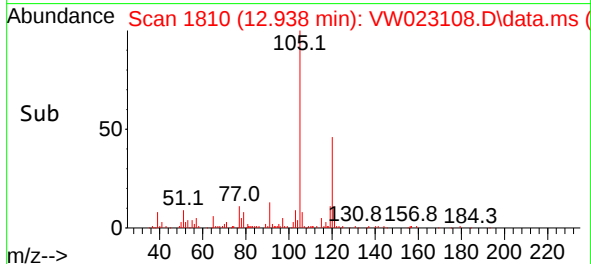
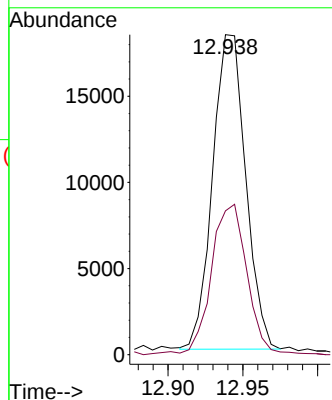
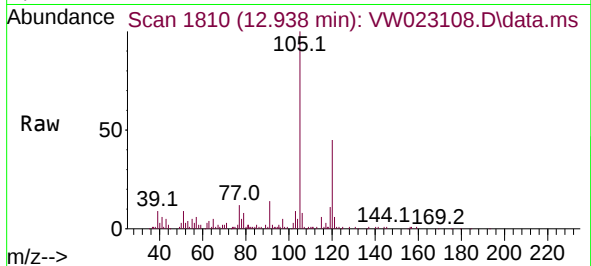




#62
1,3,5-Trimethylbenzene
Concen: 27.812 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

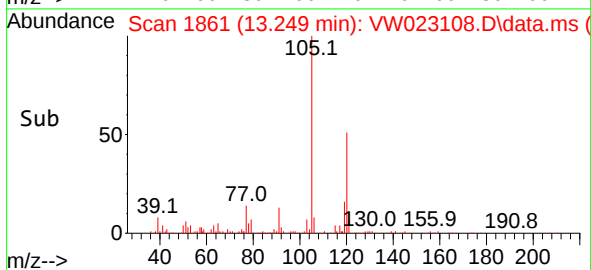
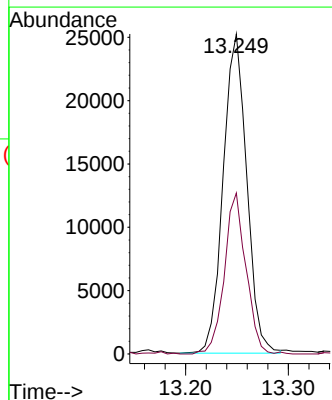
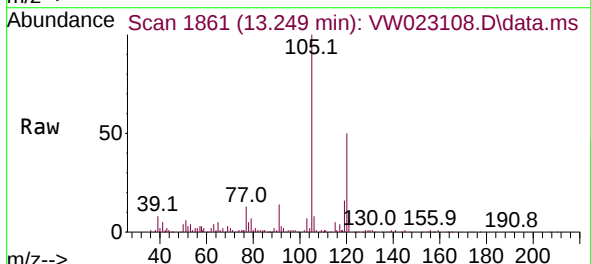
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

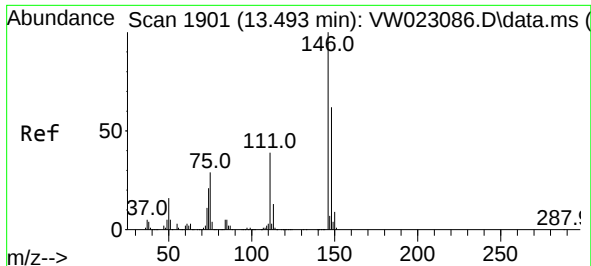
Tgt Ion:105 Resp: 28116
Ion Ratio Lower Upper
105 100
120 51.2 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 26.395 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion:105 Resp: 40066
Ion Ratio Lower Upper
105 100
120 46.1 37.4 56.2

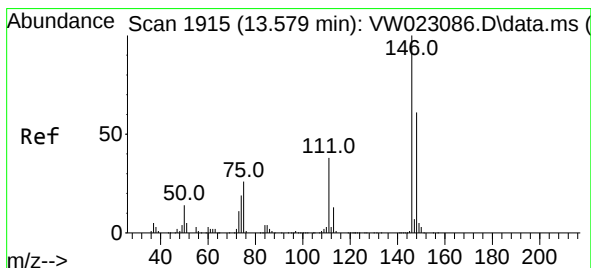
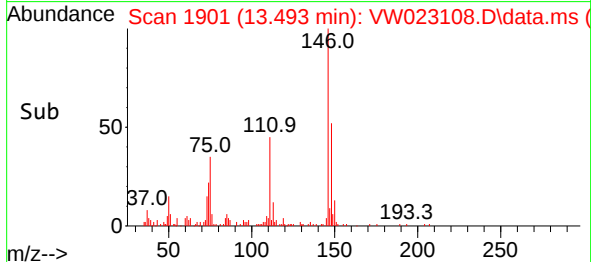
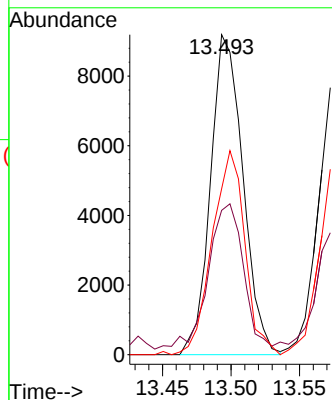
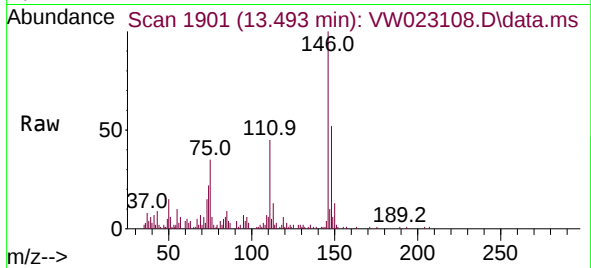




#64
1,3-Dichlorobenzene
Concen: 18.678 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

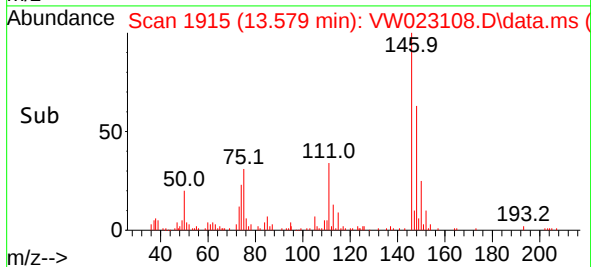
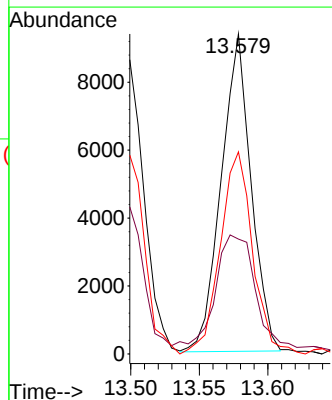
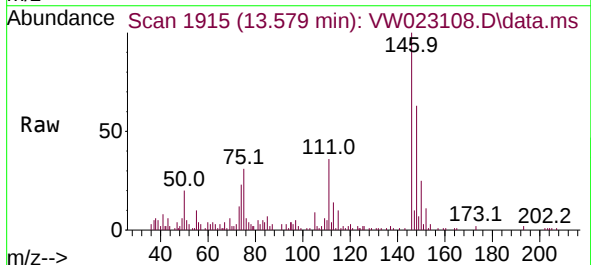
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSD

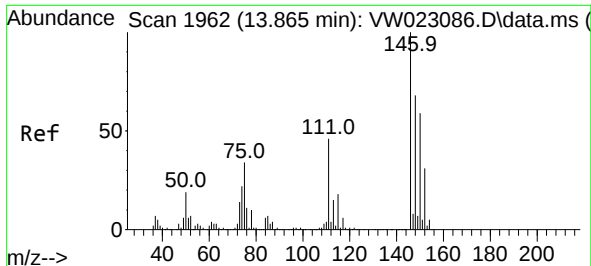
Tgt Ion:146 Resp: 15153
Ion Ratio Lower Upper
146 100
111 45.1 29.5 54.9
148 51.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 16.932 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023108.D
Acq: 17 May 2022 18:14

Tgt Ion:146 Resp: 14189
Ion Ratio Lower Upper
146 100
111 35.9 27.2 50.4
148 63.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 21.431 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSD

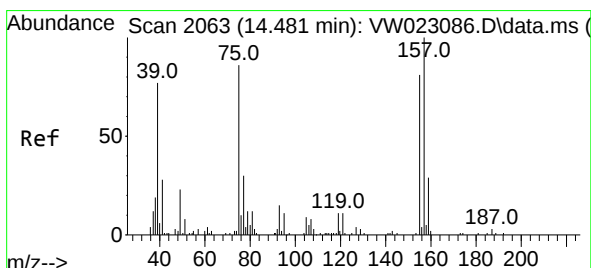
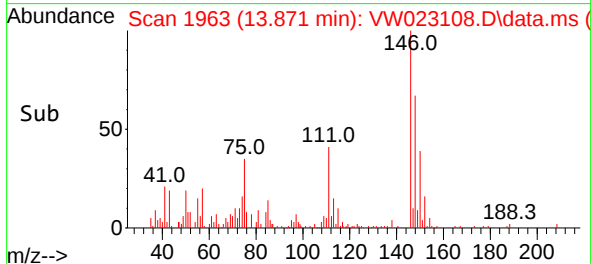
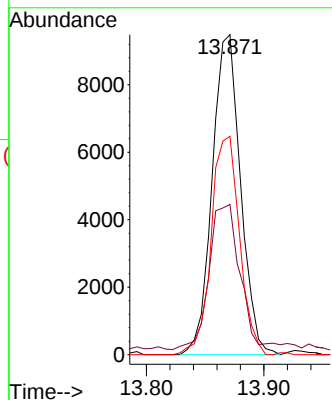
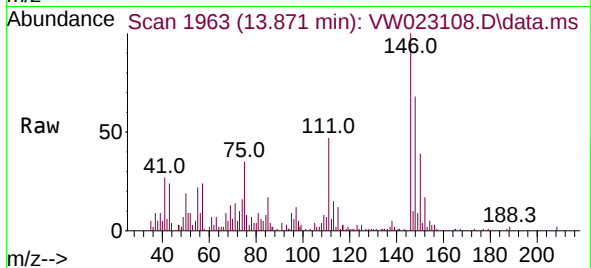
Tgt Ion:146 Resp: 15910

Ion Ratio Lower Upper

146 100

111 46.9 35.7 53.5

148 68.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 41.263 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

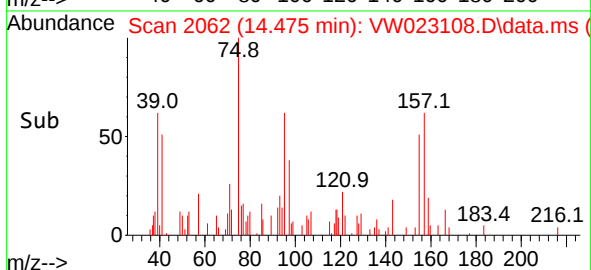
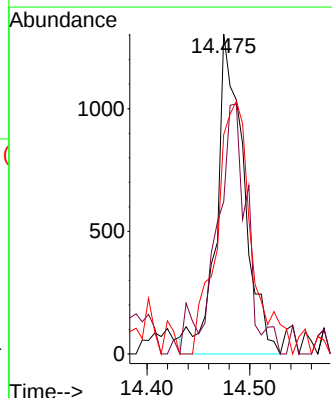
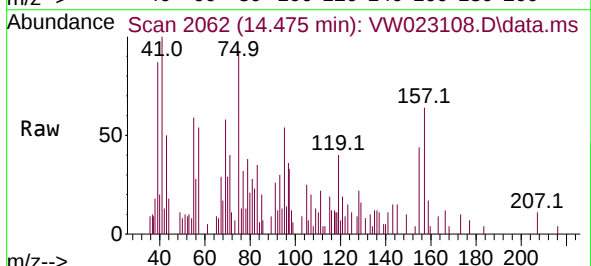
Tgt Ion: 75 Resp: 2390

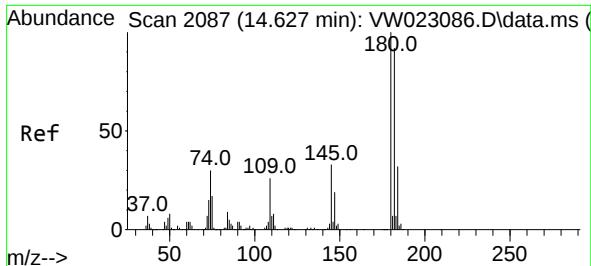
Ion Ratio Lower Upper

75 100

155 47.6 59.3 88.9#

157 68.6 89.8 134.8#





#69

1,3,5-Trichlorobenzene

Concen: 6.180 ug/L

RT: 15.548 min Scan# 2170

Delta R.T. 0.921 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSD

Tgt Ion:180 Resp: 3328

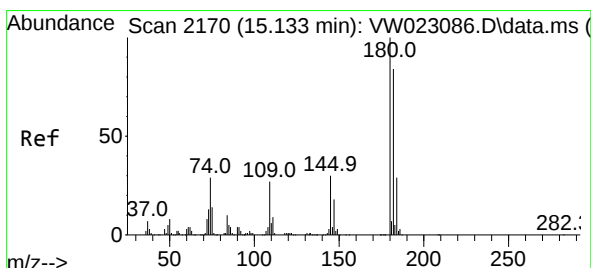
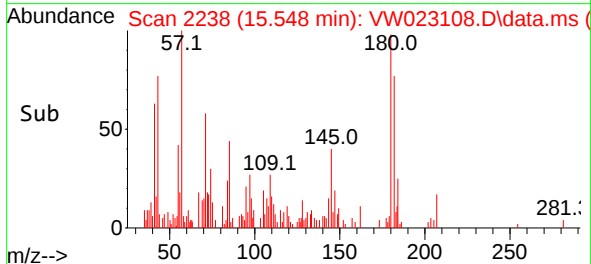
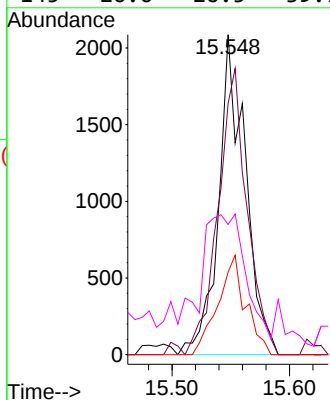
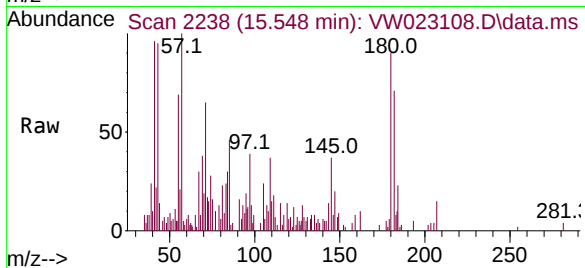
Ion Ratio Lower Upper

180 100

182 96.5 74.8 112.2

184 32.1 23.4 35.2

145 26.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 7.943 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

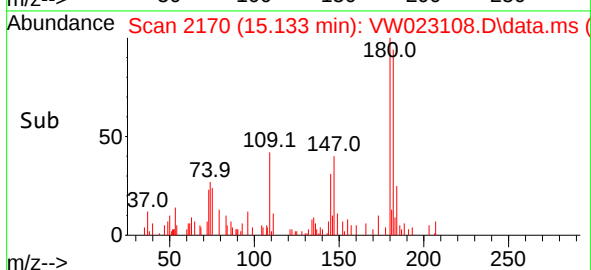
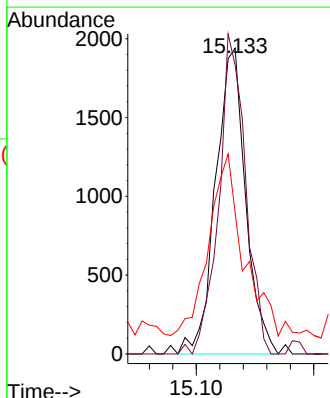
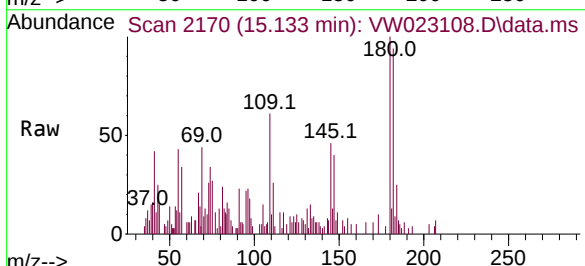
Tgt Ion:180 Resp: 3441

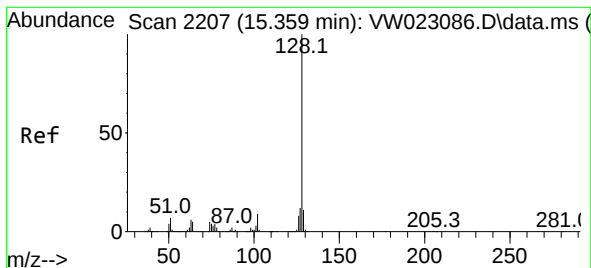
Ion Ratio Lower Upper

180 100

182 93.1 74.9 112.3

145 62.8 26.6 39.8#





#71

Naphthalene

Concen: 14.119 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MSD

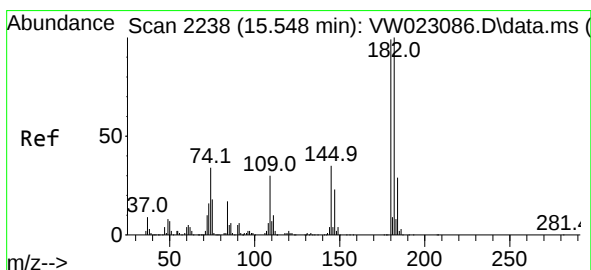
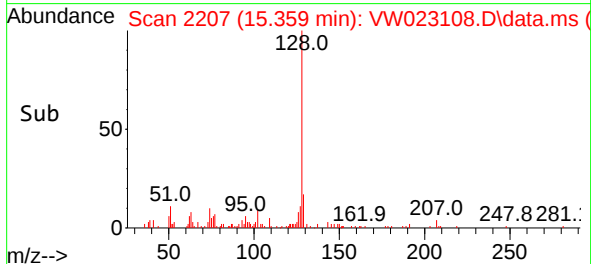
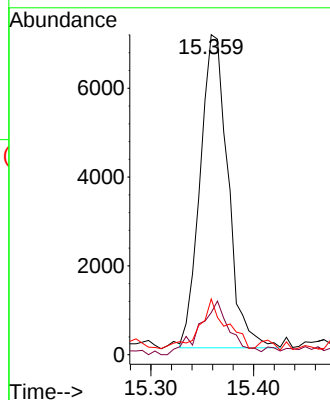
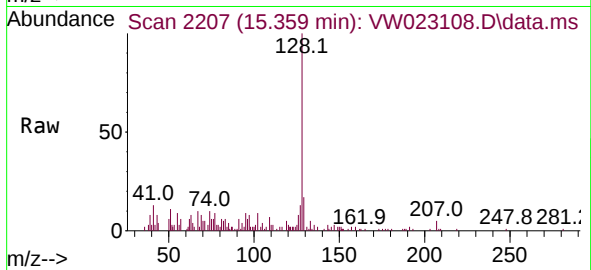
Tgt Ion:128 Resp: 13294

Ion Ratio Lower Upper

128 100

127 16.3 10.6 16.0#

129 13.4 8.7 13.1#



#72

1,2,3-Trichlorobenzene

Concen: 8.668 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023108.D

Acq: 17 May 2022 18:14

Tgt Ion:180 Resp: 3328

Ion Ratio Lower Upper

180 100

182 96.5 73.5 110.3

145 26.6 27.9 41.9#

