

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
 Data File : VW029223.D
 Acq On : 19 Jun 2024 19:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 20 00:45:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 00:39:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	281924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80168	20.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.160%
7) Chloroethane-d5	2.893	69	66627	20.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.880%
11) 1,1-Dichloroethene-d2	4.021	65	38729	20.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.240%
21) 2-Butanone-d5	7.075	46	62685	53.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.380%
24) Chloroform-d	7.648	84	184290	21.913	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.301	65	111969	23.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.270	84	360894	23.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	9.276	67	116934	23.499	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	10.319	98	327927	23.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.575	79	47980	23.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.720%
47) 2-Hexanone-d5	10.922	63	44475	57.015	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96298	24.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	110031	25.476	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	47323	17.205	ug/L	99
3) Chloromethane	2.222	50	73177	18.659	ug/L	98
5) Vinyl chloride	2.375	62	81009	17.987	ug/L	99
6) Bromomethane	2.789	94	52129	19.257	ug/L	92
8) Chloroethane	2.936	64	55716	20.225	ug/L	98
9) Trichlorofluoromethane	3.265	101	73841	21.147	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	73751	19.157	ug/L	93
12) 1,1-Dichloroethene	4.045	96	69330	21.223	ug/L	95
13) Acetone	4.118	43	49601	49.994	ug/L	95
14) Carbon disulfide	4.393	76	203817	19.113	ug/L	100
15) Methyl Acetate	4.667	43	47403	24.067	ug/L	99
16) Methylene chloride	4.917	84	103821	20.943	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	77152	21.267	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	141331	24.350	ug/L	99
19) 1,1-Dichloroethane	6.216	63	167544	21.384	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	88431	22.105	ug/L	96
22) 2-Butanone	7.173	43	67115	49.348	ug/L	99
23) Bromochloromethane	7.514	128	38703	21.733	ug/L	87
25) Chloroform	7.673	83	167117	21.843	ug/L	99

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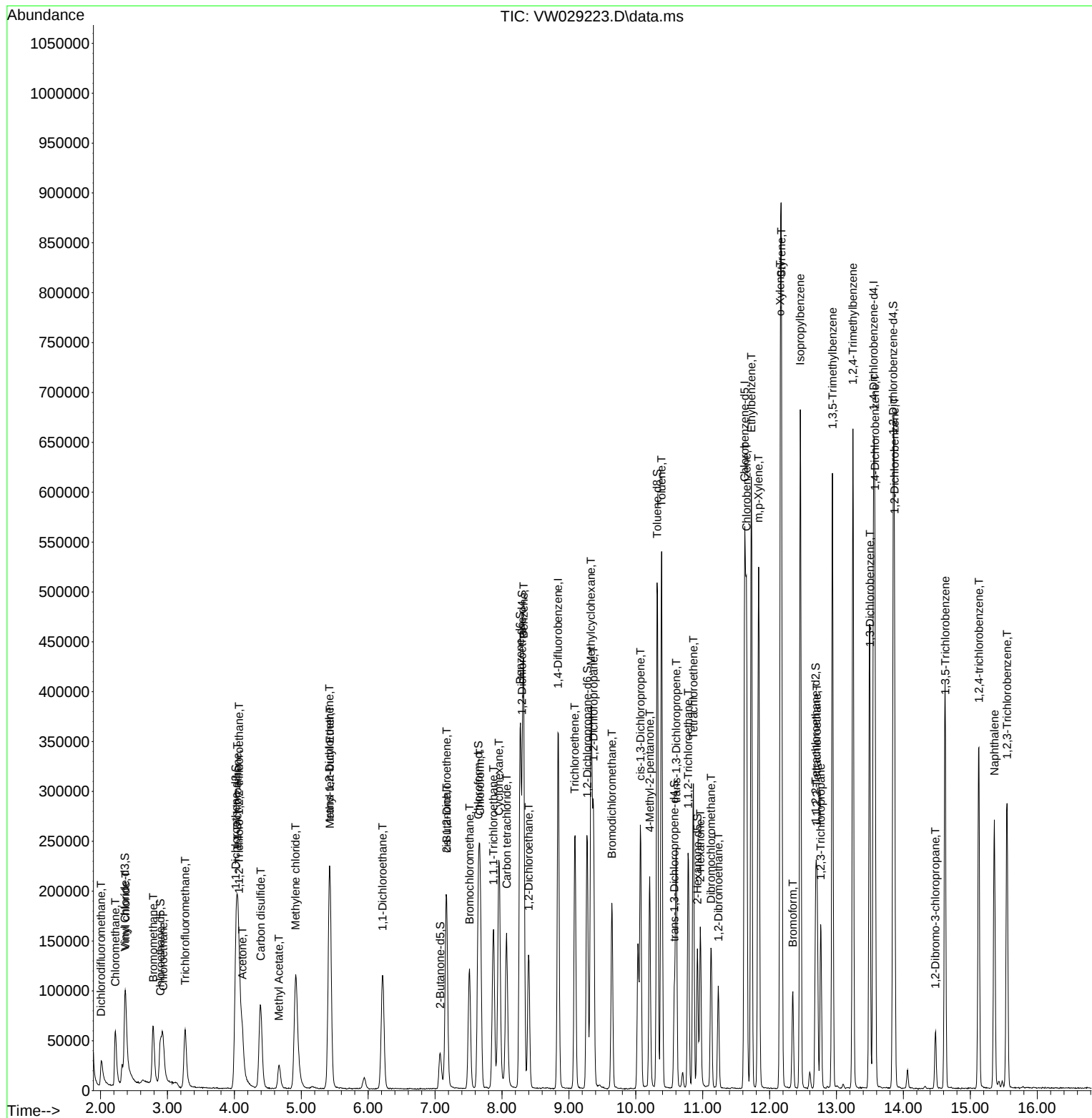
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	124058	21.985	ug/L	100
29) Cyclohexane	7.953	56	133519	22.662	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	126908	22.145	ug/L	97
31) Carbon tetrachloride	8.069	117	111960	21.386	ug/L	97
33) Benzene	8.325	78	347006	22.409	ug/L	100
34) Trichloroethene	9.087	95	88907	21.520	ug/L	93
35) Methylcyclohexane	9.331	83	144094	22.177	ug/L	99
37) 1,2-Dichloropropane	9.367	63	98083	22.541	ug/L	99
38) Bromodichloromethane	9.642	83	118330	22.242	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	145767	23.699	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	141910	52.619	ug/L	99
42) Toluene	10.386	91	370774	23.291	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	122331	23.554	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70057	23.117	ug/L	97
46) Tetrachloroethene	10.861	164	62203	21.538	ug/L	95
48) 2-Hexanone	10.965	43	102922	53.782	ug/L	99
49) Dibromochloromethane	11.123	129	71815	22.670	ug/L	92
50) 1,2-Dibromoethane	11.233	107	66106	24.300	ug/L #	98
51) Chlorobenzene	11.654	112	229015	22.153	ug/L	98
52) Ethylbenzene	11.727	91	417240	23.090	ug/L	95
53) m,p-Xylene	11.837	106	151919	23.016	ug/L	86
54) o-Xylene	12.160	106	147525	23.915	ug/L	94
55) Styrene	12.178	104	264067	24.551	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	89398	23.848	ug/L	96
59) Bromoform	12.349	173	39500	23.162	ug/L	95
60) Isopropylbenzene	12.458	105	408770	24.655	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67168	24.749	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	304219	25.336	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	330191	25.558	ug/L	99
64) 1,3-Dichlorobenzene	13.501	146	167455	23.339	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	171903	22.519	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	157598	23.760	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	14532	22.945	ug/L	99
69) 1,3,5-Trichlorobenzene	14.629	180	110298	22.778	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	100914	25.708	ug/L	96
71) Naphthalene	15.360	128	215937	27.872	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86590	24.210	ug/L	98

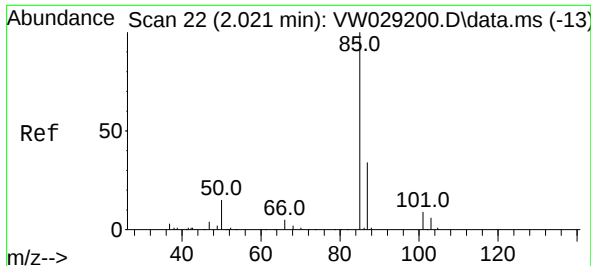
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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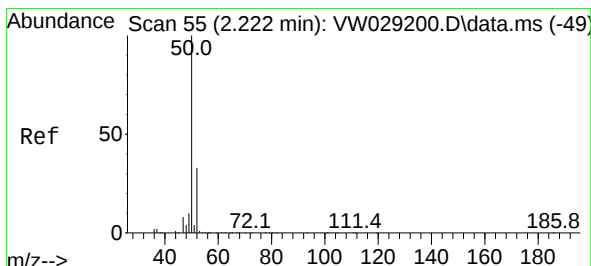
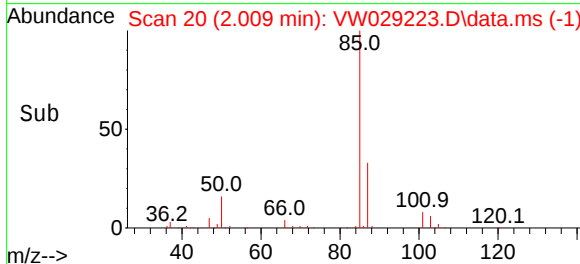
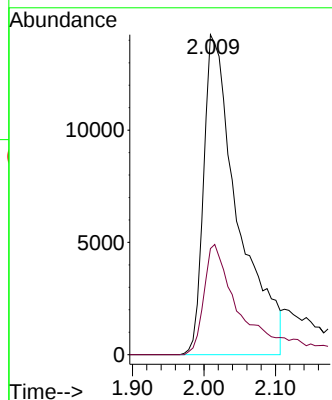
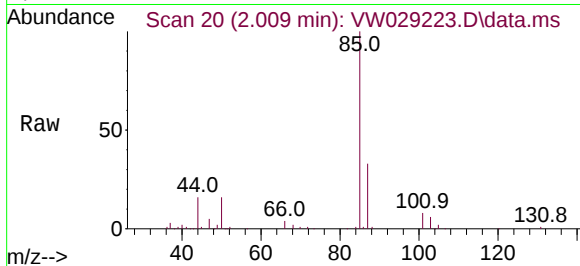




#2
 Dichlorodifluoromethane
 Concen: 17.205 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VW029223.D
 Acq: 19 Jun 2024 19:00

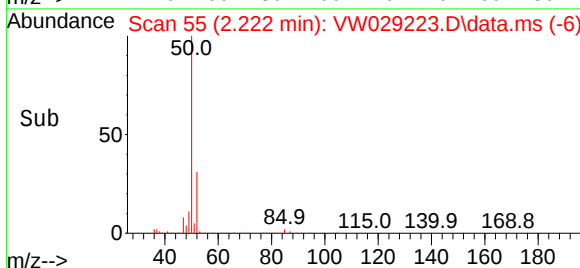
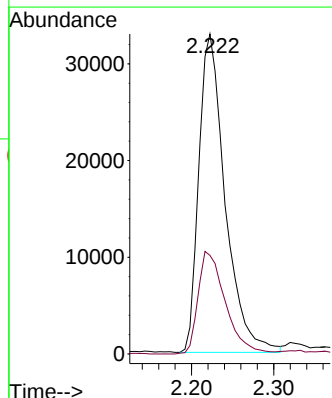
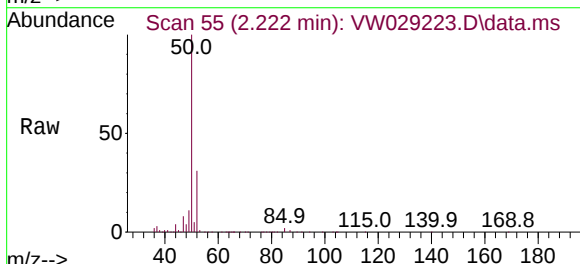
Instrument :
 MSVOA_W
 ClientSampleId :

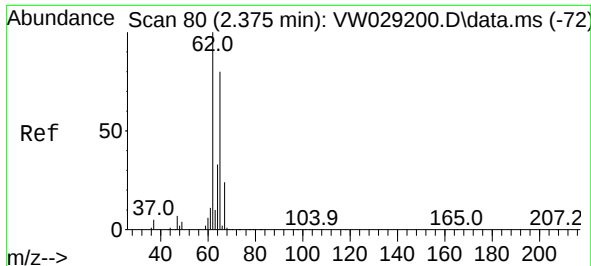
Tgt Ion: 85 Resp: 47323
 Ion Ratio Lower Upper
 85 100
 87 29.4 23.8 35.6



#3
 Chloromethane
 Concen: 18.659 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029223.D
 Acq: 19 Jun 2024 19:00

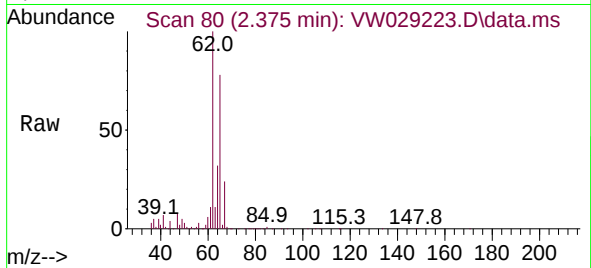
Tgt Ion: 50 Resp: 73177
 Ion Ratio Lower Upper
 50 100
 52 30.8 22.3 41.5



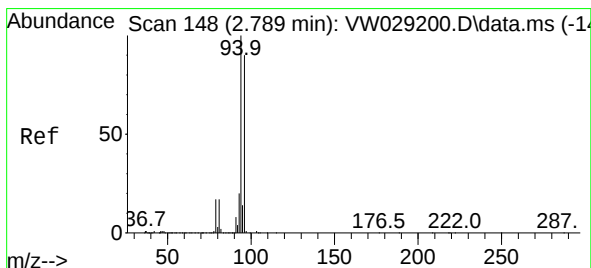
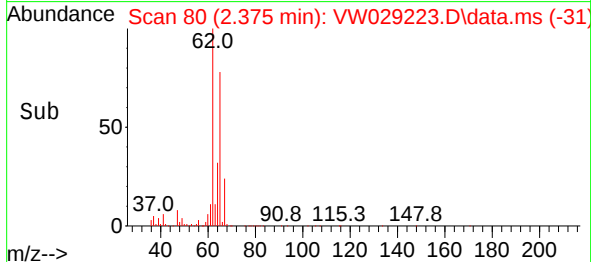
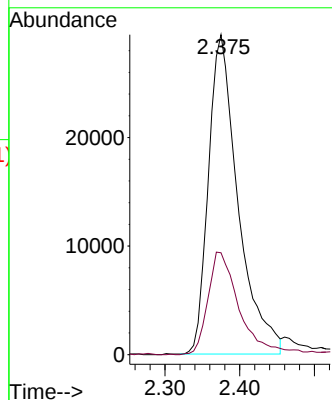


#5
 Vinyl chloride
 Concen: 17.987 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029223.D
 Acq: 19 Jun 2024 19:00

Instrument :
 MSVOA_W
 ClientSampleId :

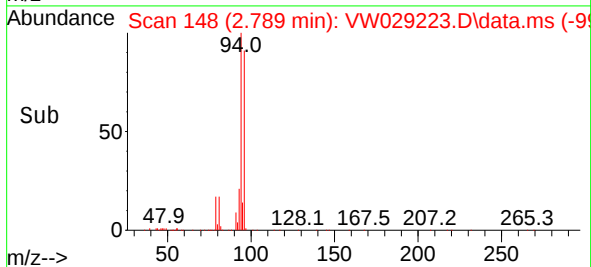
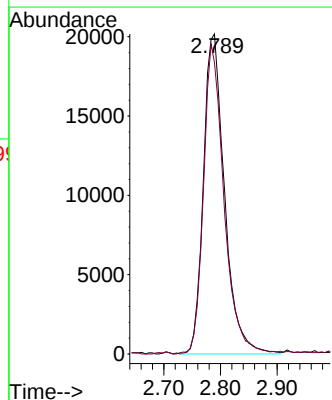
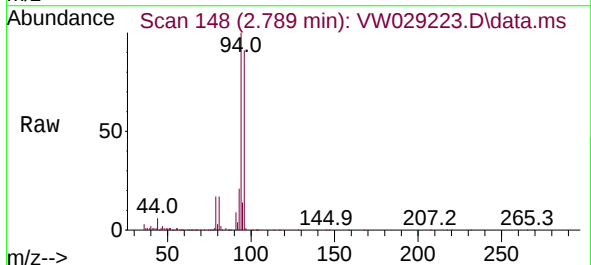


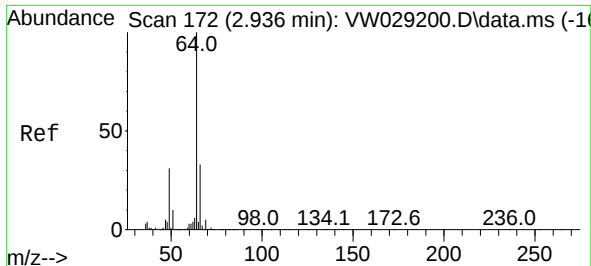
Tgt Ion: 62 Resp: 81009
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.0 40.8



#6
 Bromomethane
 Concen: 19.257 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029223.D
 Acq: 19 Jun 2024 19:00

Tgt Ion: 94 Resp: 52129
 Ion Ratio Lower Upper
 94 100
 96 91.1 69.5 129.1

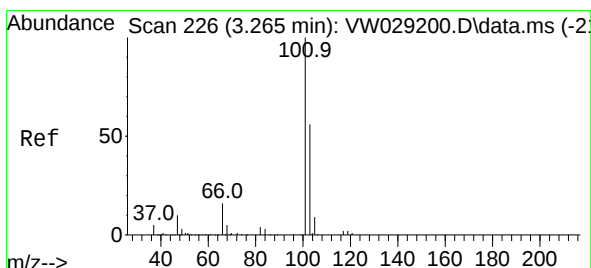
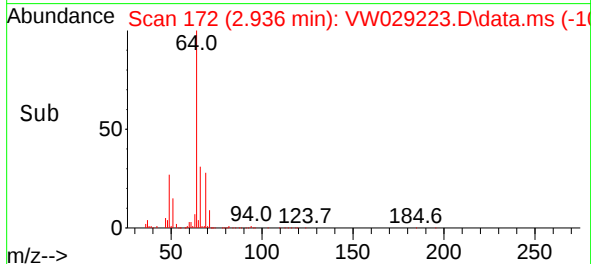
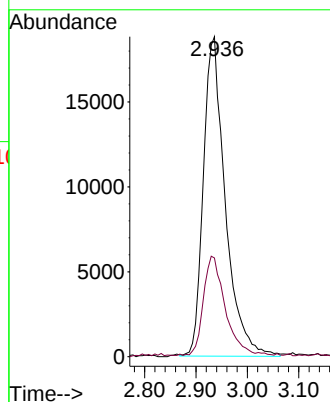
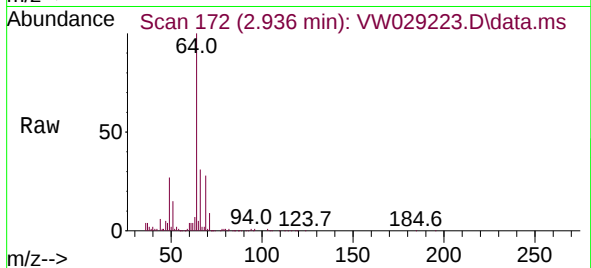




#8
Chloroethane
Concen: 20.225 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

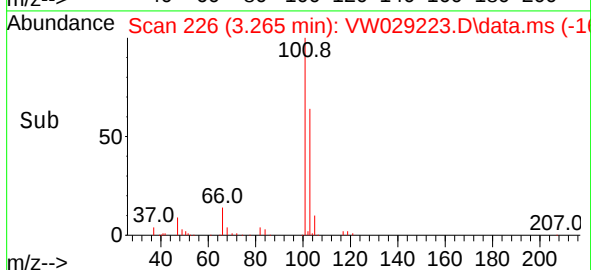
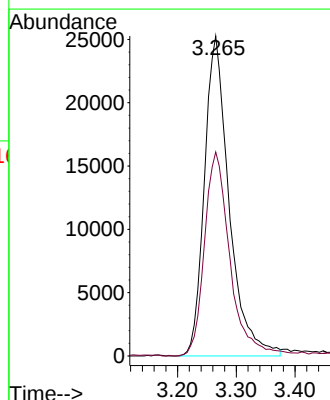
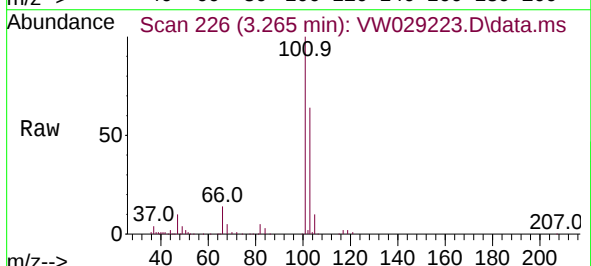
Instrument :
MSVOA_W
ClientSampleId :

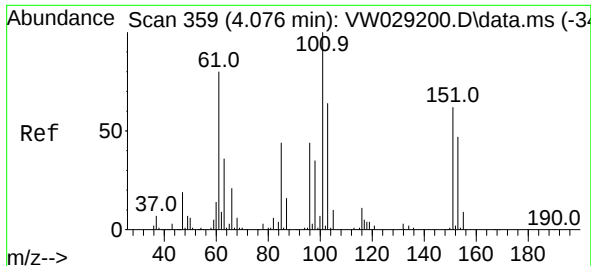
Tgt Ion: 64 Resp: 55716
Ion Ratio Lower Upper
64 100
66 30.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.147 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Tgt Ion:101 Resp: 73841
Ion Ratio Lower Upper
101 100
103 66.0 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.157 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

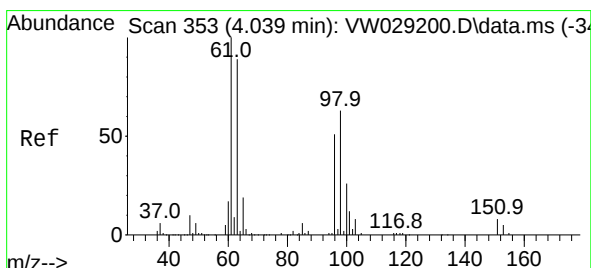
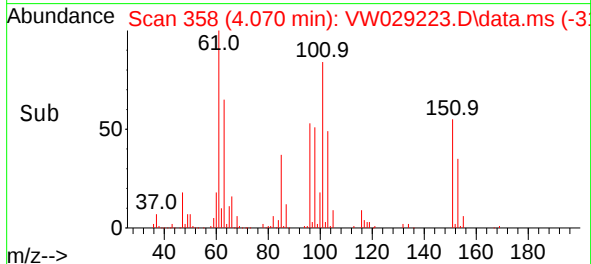
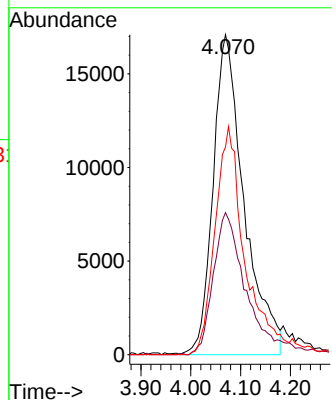
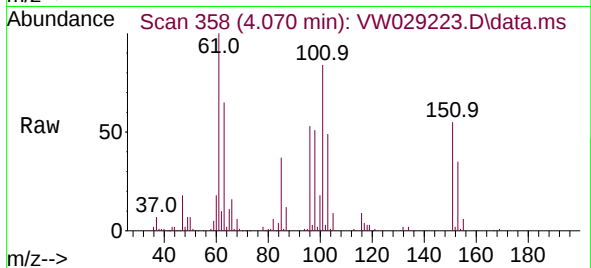
Tgt Ion:101 Resp: 73751

Ion Ratio Lower Upper

101 100

85 44.6 30.2 45.2

151 68.4 52.2 78.4



#12

1,1-Dichloroethene

Concen: 21.223 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

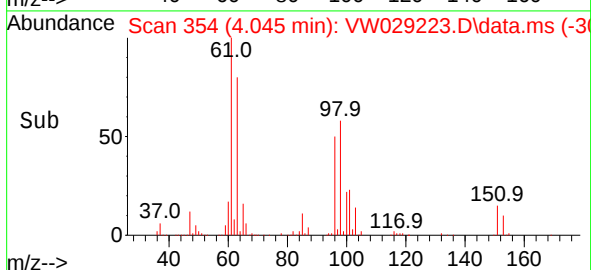
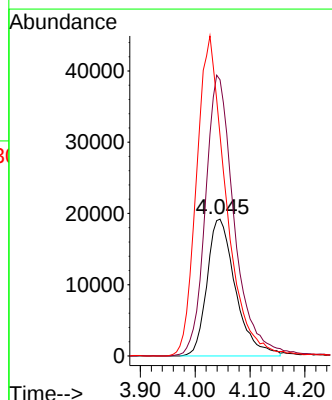
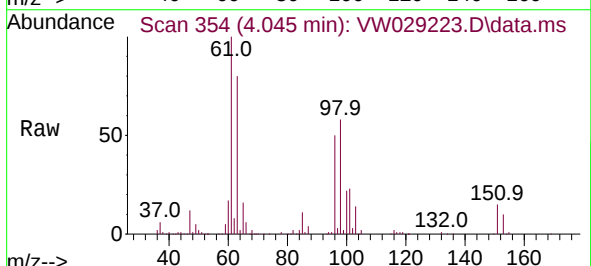
Tgt Ion: 96 Resp: 69330

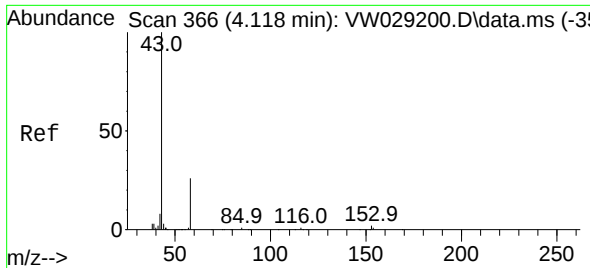
Ion Ratio Lower Upper

96 100

61 201.9 140.1 260.3

63 161.2 122.0 226.6

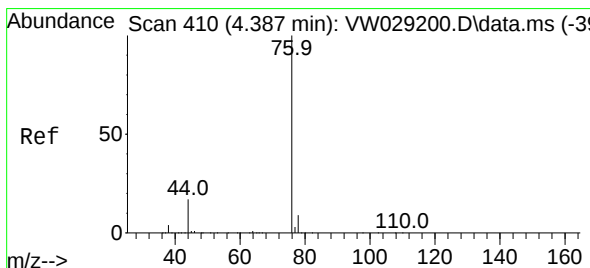
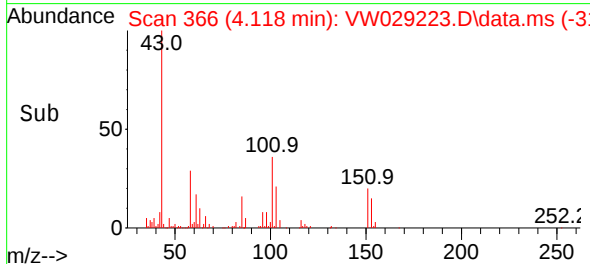
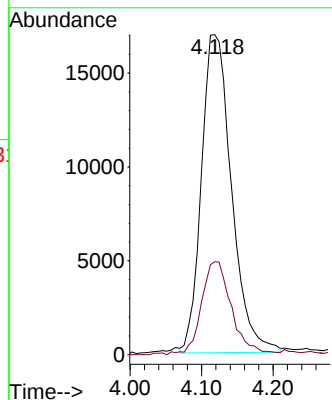
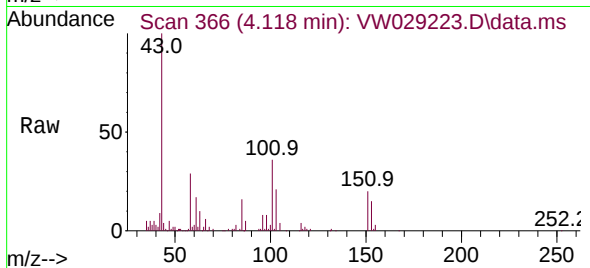




#13
Acetone
Concen: 49.994 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

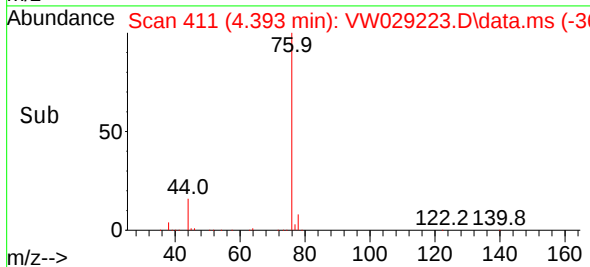
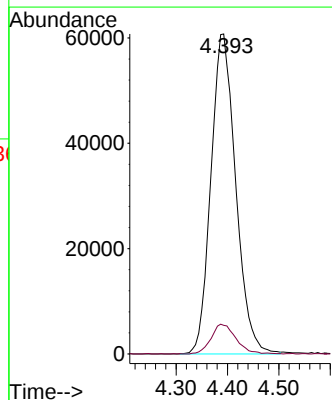
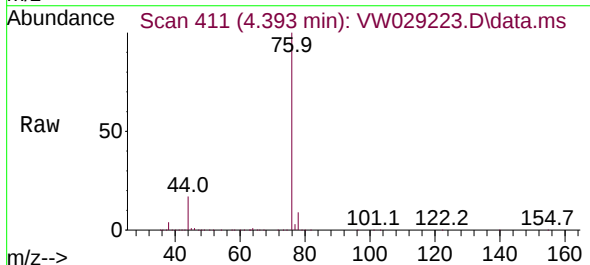
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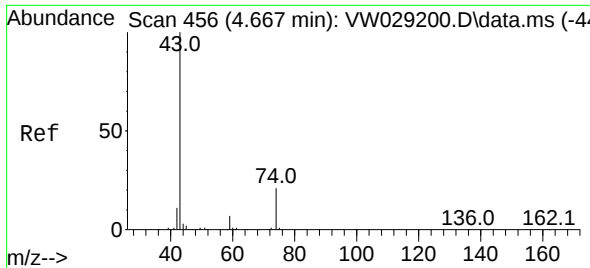
Tgt Ion: 43 Resp: 49601
Ion Ratio Lower Upper
43 100
58 28.1 0.0 61.4



#14
Carbon disulfide
Concen: 19.113 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Tgt Ion: 76 Resp: 203817
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

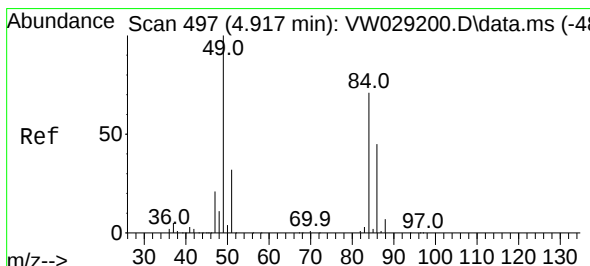
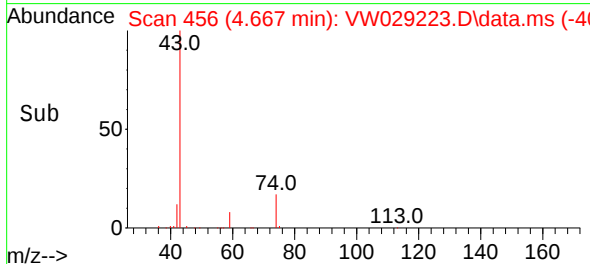
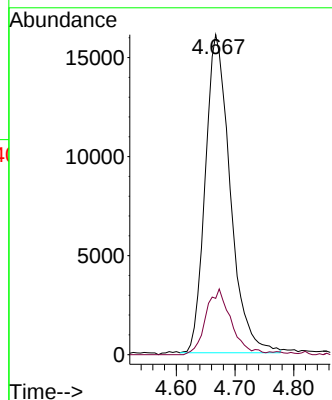
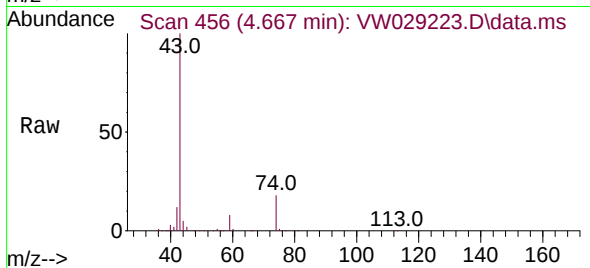




#15
Methyl Acetate
Concen: 24.067 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

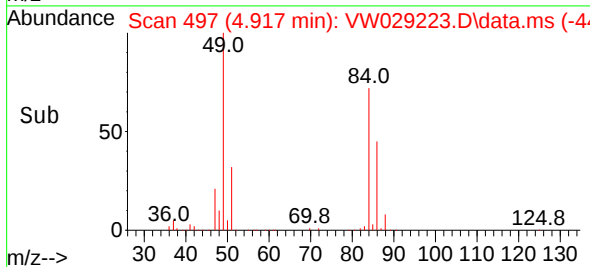
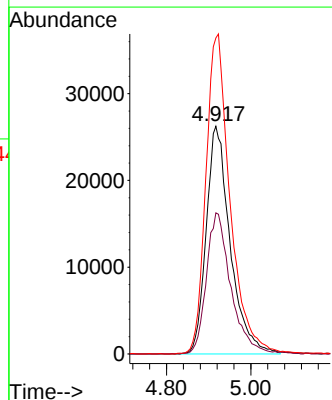
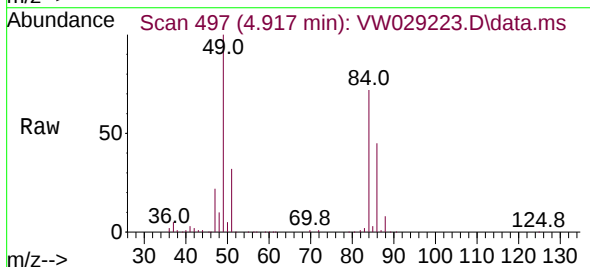
Instrument :
MSVOA_W
ClientSampleId :

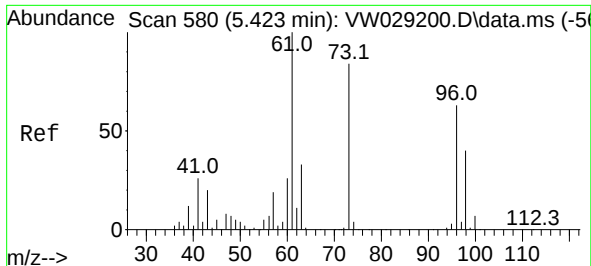
Tgt Ion: 43 Resp: 47403
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0



#16
Methylene chloride
Concen: 20.943 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Tgt Ion: 84 Resp: 103821
Ion Ratio Lower Upper
84 100
86 62.0 41.4 77.0
49 138.8 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 21.267 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

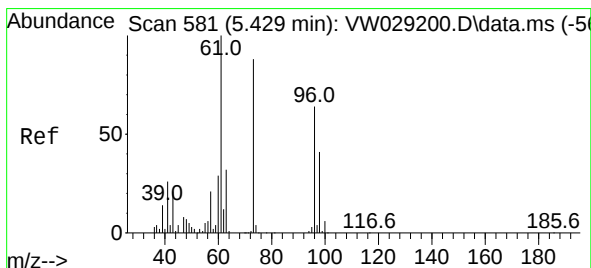
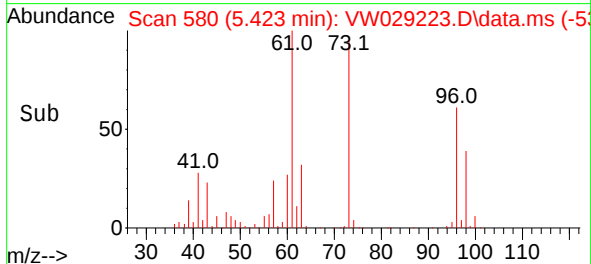
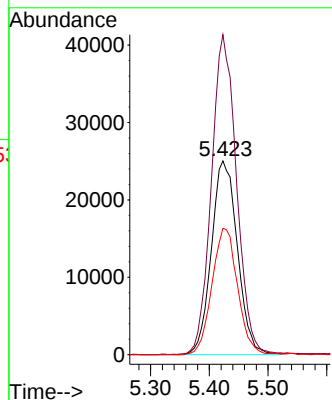
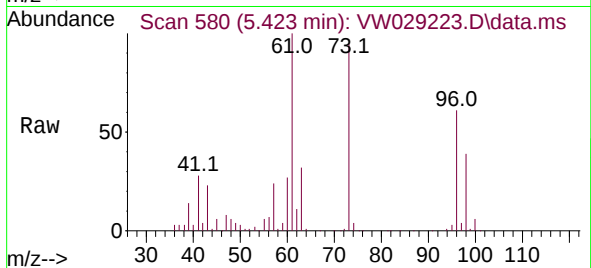
Tgt Ion: 96 Resp: 77152

Ion Ratio Lower Upper

96 100

61 165.1 101.5 188.5

98 65.2 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 24.350 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

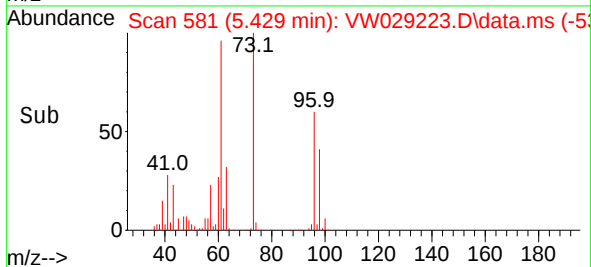
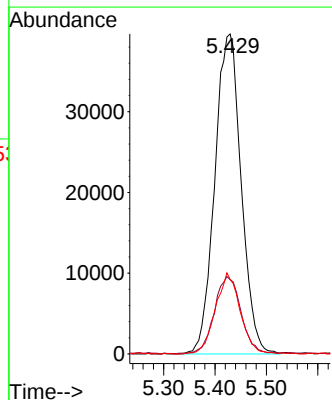
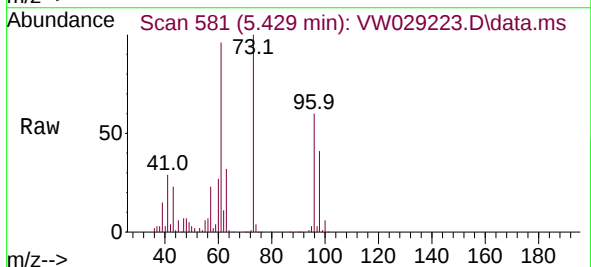
Tgt Ion: 73 Resp: 141331

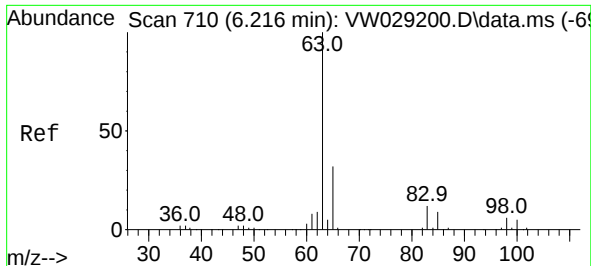
Ion Ratio Lower Upper

73 100

43 23.9 19.5 29.3

57 23.6 18.4 27.6





#19

1,1-Dichloroethane

Concen: 21.384 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

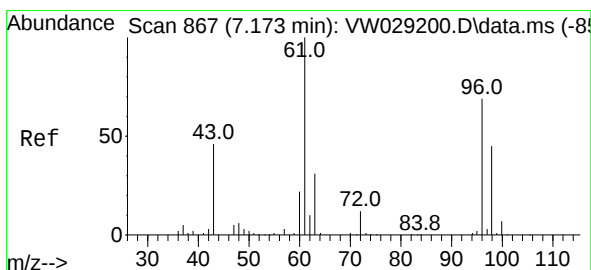
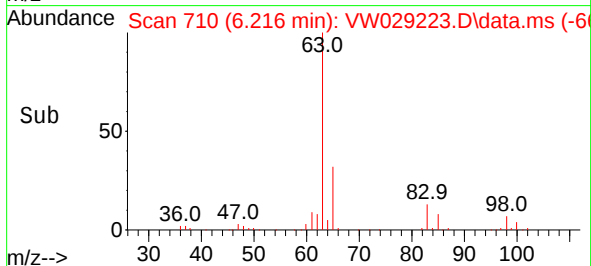
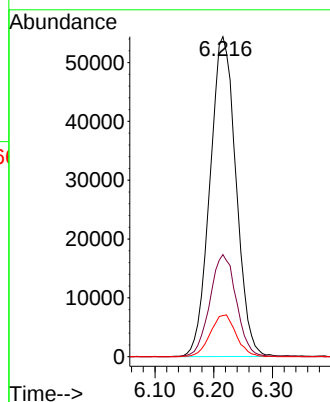
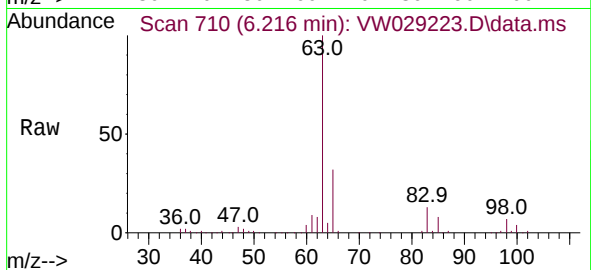
Tgt Ion: 63 Resp: 167544

Ion Ratio Lower Upper

63 100

65 31.9 23.4 43.4

83 12.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 22.105 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

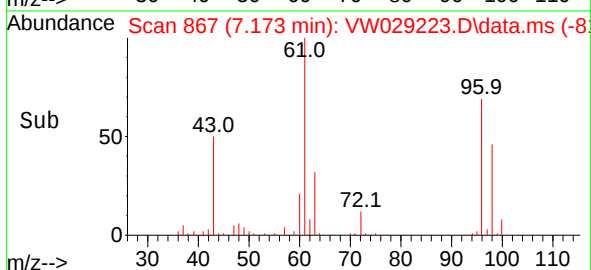
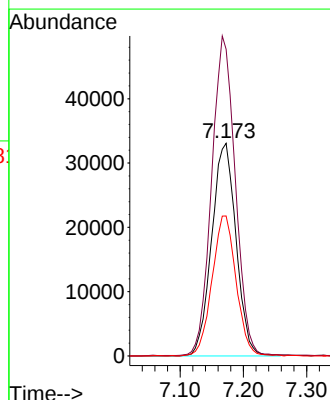
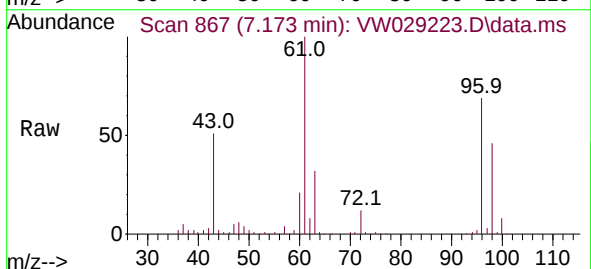
Tgt Ion: 96 Resp: 88431

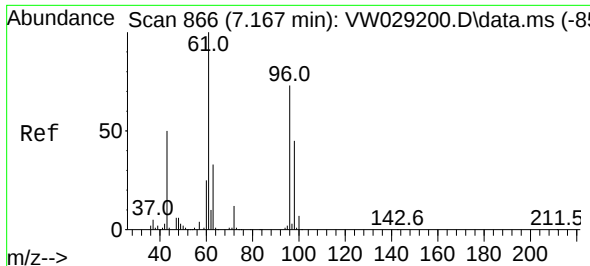
Ion Ratio Lower Upper

96 100

61 144.2 97.8 181.6

98 65.8 43.0 79.8





#22

2-Butanone

Concen: 49.348 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

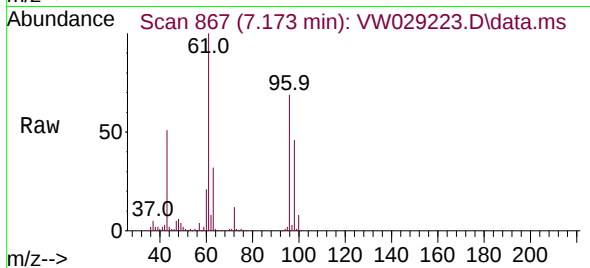
Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

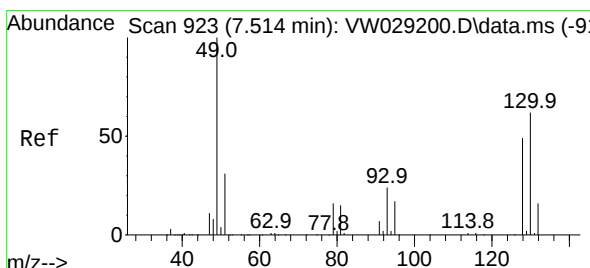
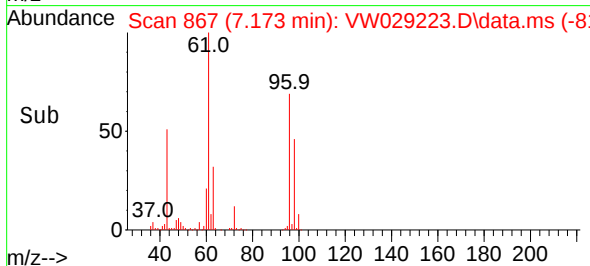
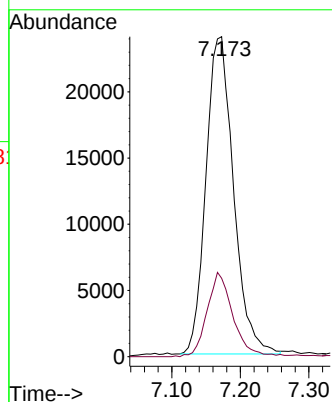


Tgt Ion: 43 Resp: 67115

Ion Ratio Lower Upper

43 100

72 24.4 11.9 35.7



#23

Bromochloromethane

Concen: 21.733 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Tgt Ion: 128 Resp: 38703

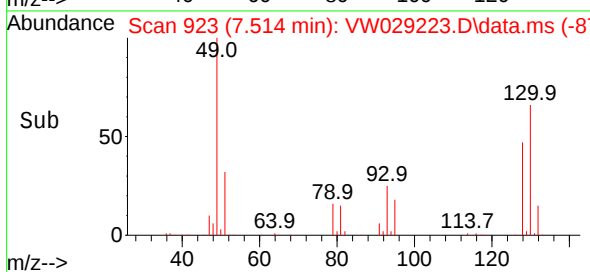
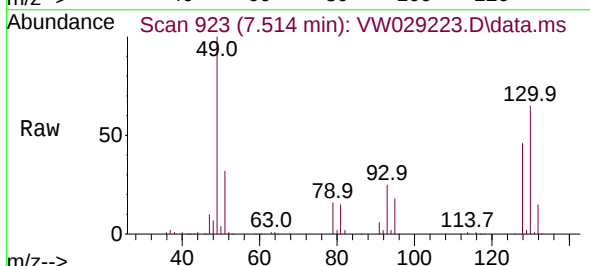
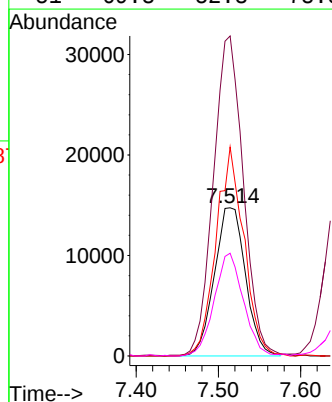
Ion Ratio Lower Upper

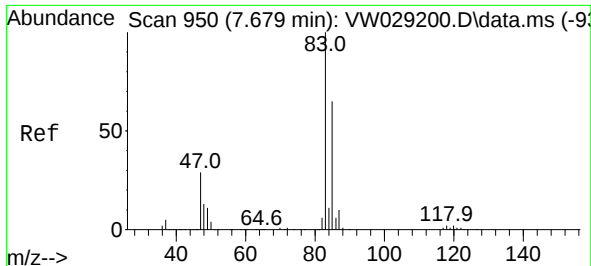
128 100

49 216.1 142.6 264.8

130 141.1 79.7 148.1

51 69.3 52.3 78.5





#25

Chloroform

Concen: 21.843 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

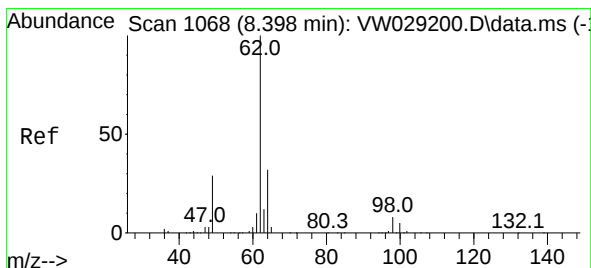
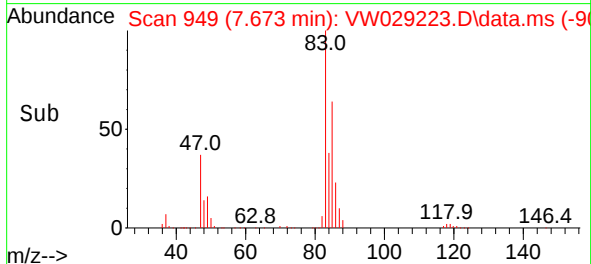
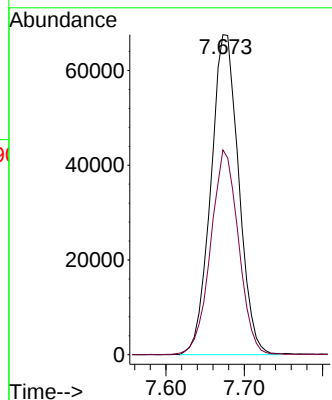
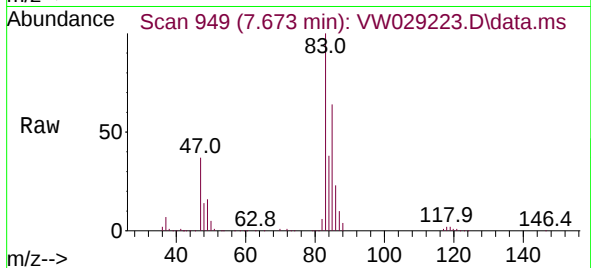
ClientSampleId :

Tgt Ion: 83 Resp: 167117

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.985 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029223.D

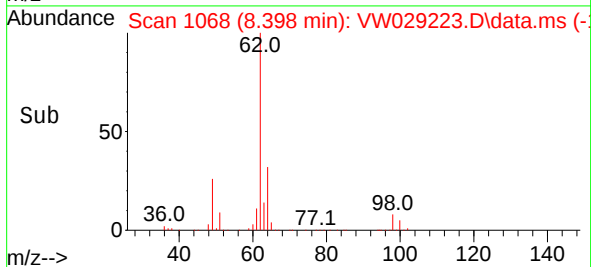
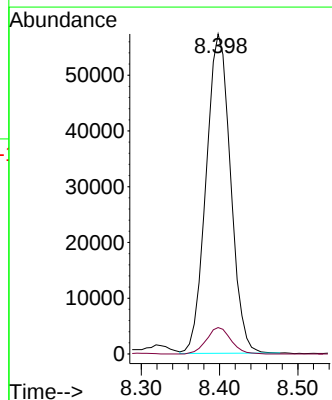
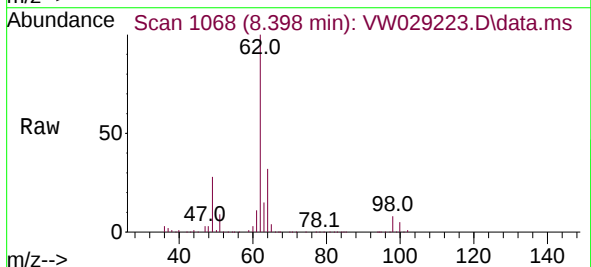
Acq: 19 Jun 2024 19:00

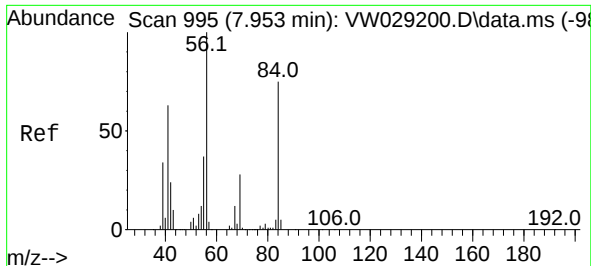
Tgt Ion: 62 Resp: 124058

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0





#29

Cyclohexane

Concen: 22.662 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

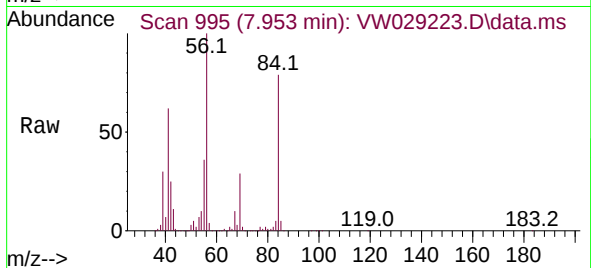
Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

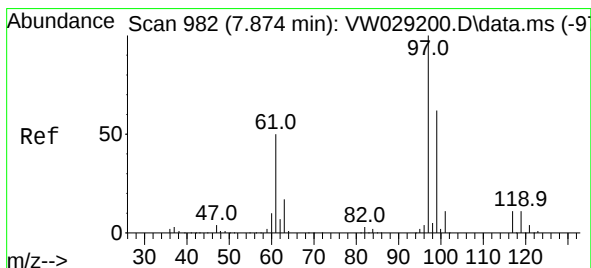
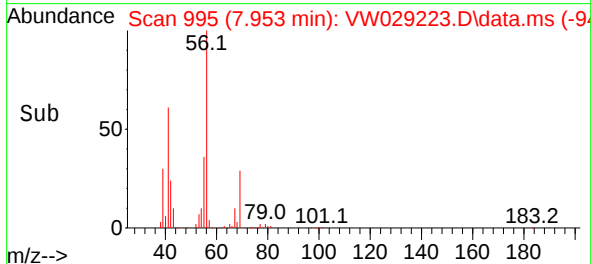
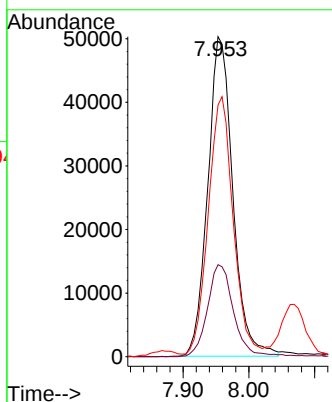
ClientSampleId :



Tgt Ion: 56 Resp: 133519

Ion Ratio Lower Upper

56	100		
69	29.8	23.4	35.0
84	80.9	64.5	96.7



#30

1,1,1-Trichloroethane

Concen: 22.145 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

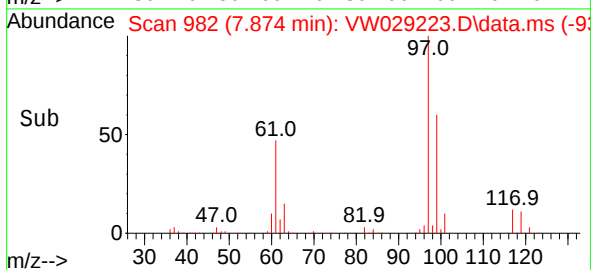
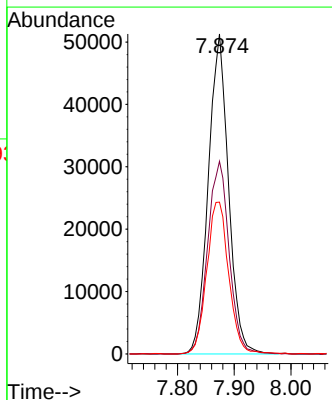
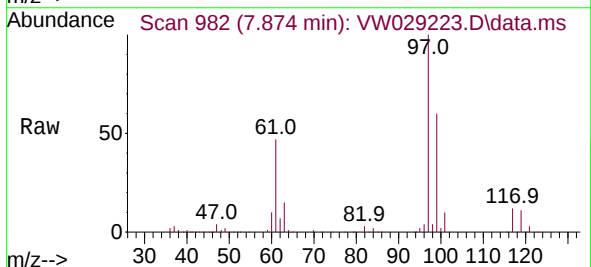
Lab File: VW029223.D

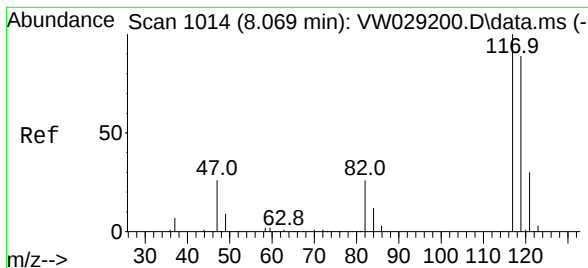
Acq: 19 Jun 2024 19:00

Tgt Ion: 97 Resp: 126908

Ion Ratio Lower Upper

97	100		
99	64.1	53.0	79.4
61	51.2	43.0	64.4





#31

Carbon tetrachloride

Concen: 21.386 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

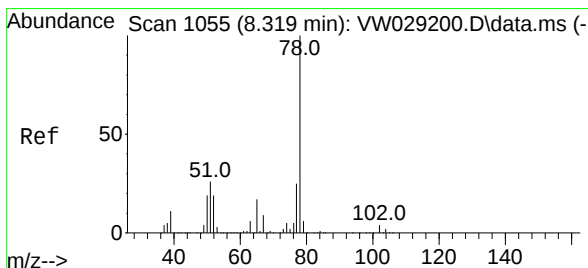
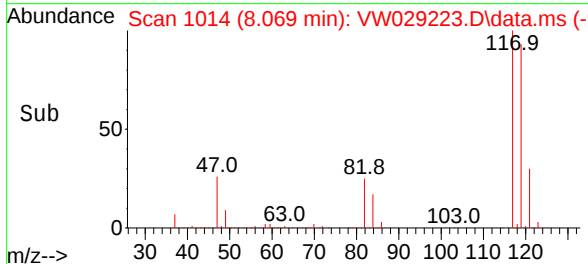
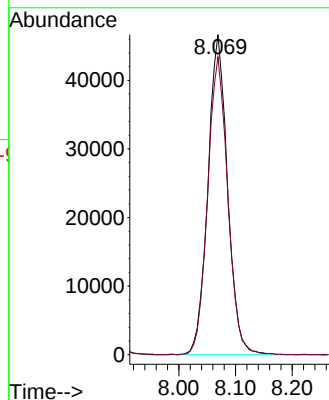
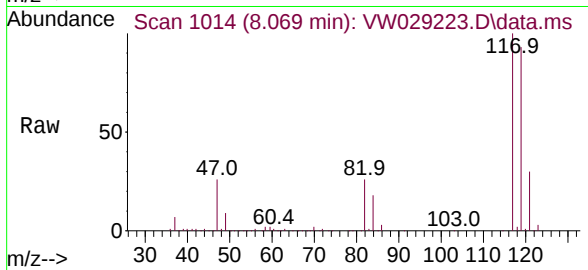
ClientSampleId :

Tgt Ion:117 Resp: 111960

Ion Ratio Lower Upper

117 100

119 95.8 79.0 118.4



#33

Benzene

Concen: 22.409 ug/L

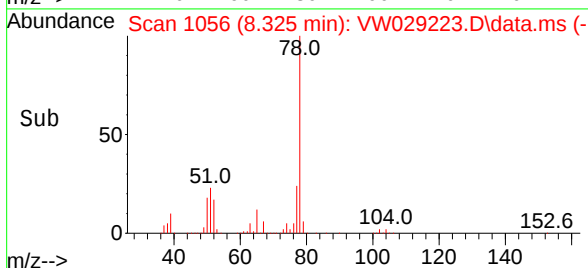
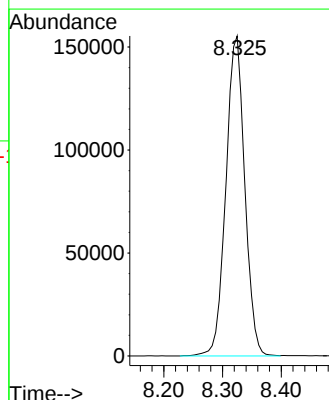
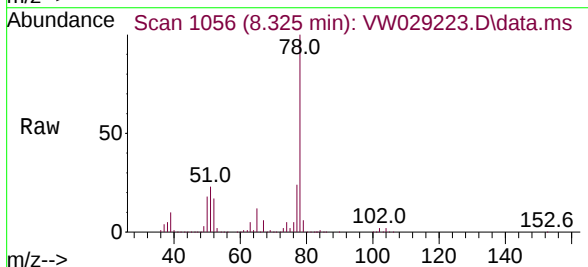
RT: 8.325 min Scan# 1056

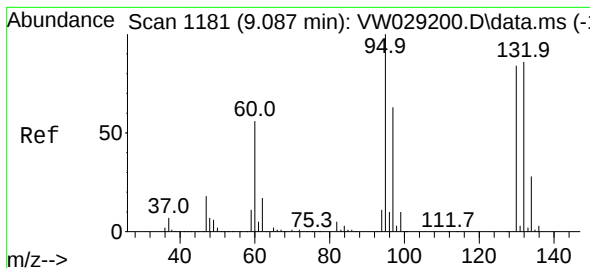
Delta R.T. 0.006 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Tgt Ion: 78 Resp: 347006





#34

Trichloroethene

Concen: 21.520 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 88907

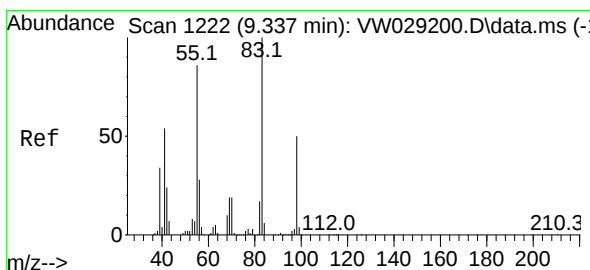
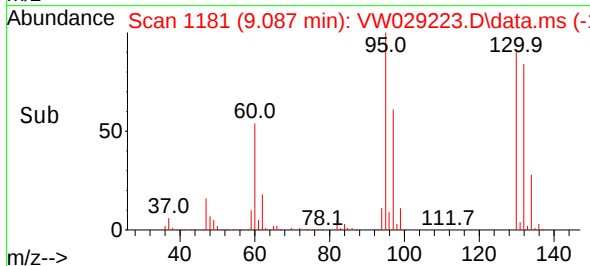
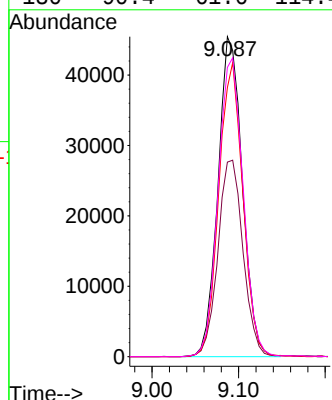
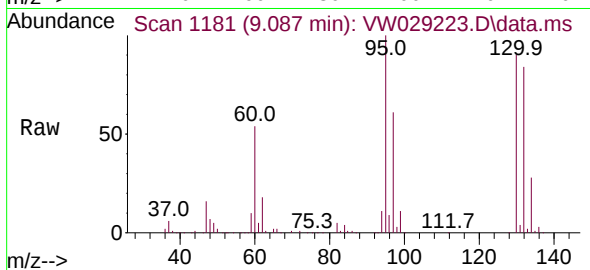
Ion Ratio Lower Upper

95 100

97 60.8 45.7 84.9

132 84.1 66.4 123.4

130 90.4 61.6 114.4



#35

Methylcyclohexane

Concen: 22.177 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

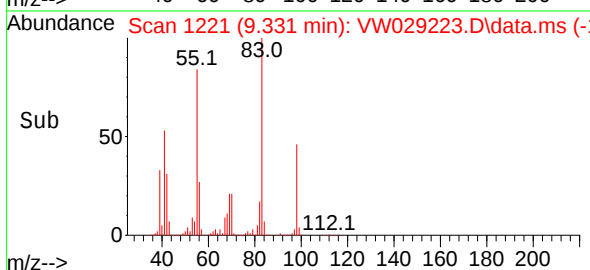
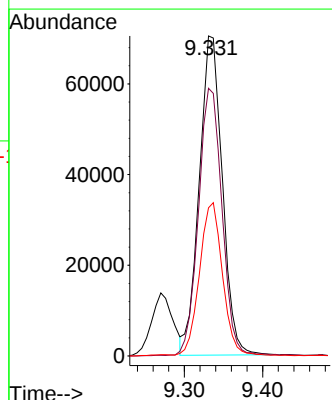
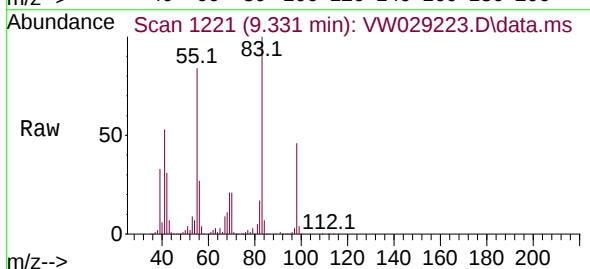
Tgt Ion: 83 Resp: 144094

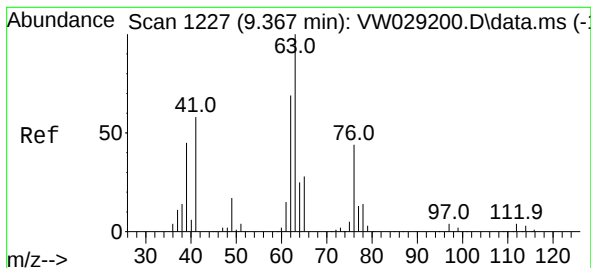
Ion Ratio Lower Upper

83 100

55 85.3 69.5 104.3

98 47.6 38.0 57.0





#37

1,2-Dichloropropane

Concen: 22.541 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

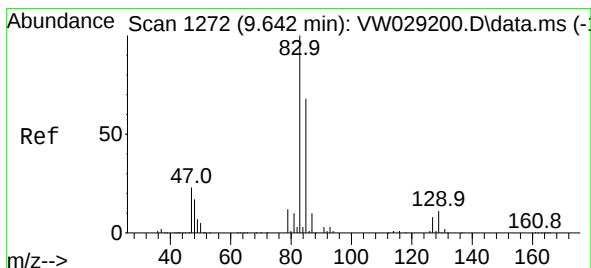
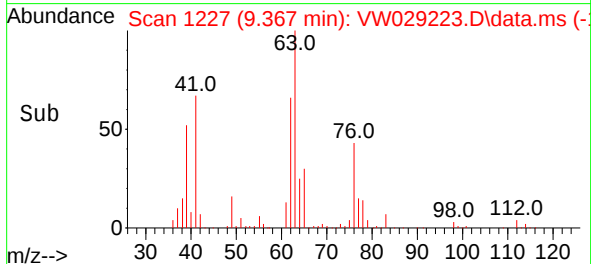
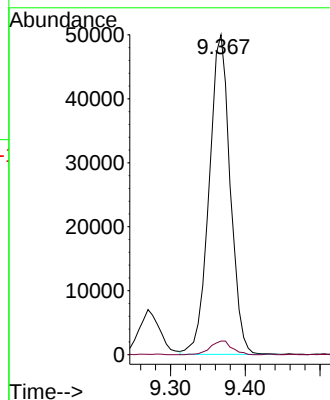
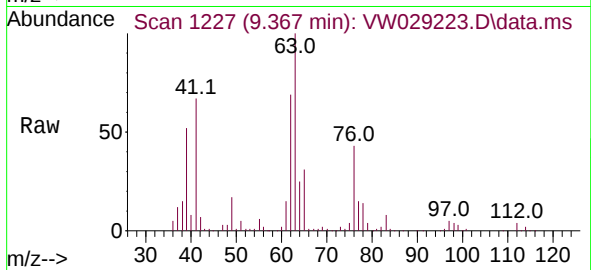
ClientSampleId :

Tgt Ion: 63 Resp: 98083

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 22.242 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

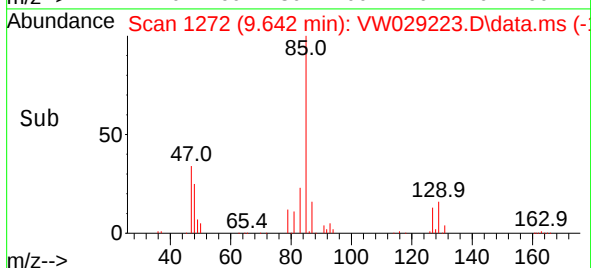
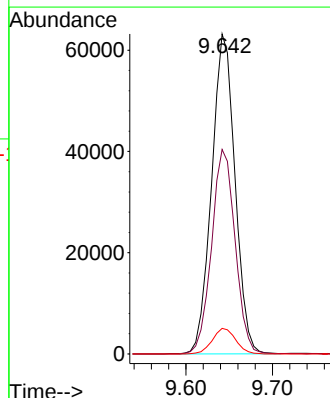
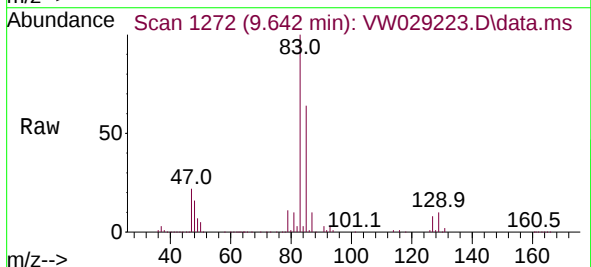
Tgt Ion: 83 Resp: 118330

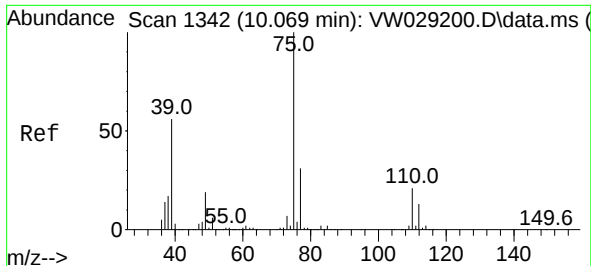
Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9

127 8.0 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 23.699 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

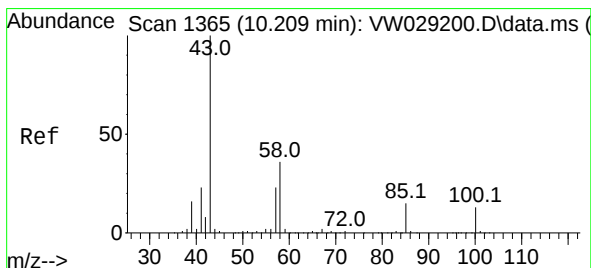
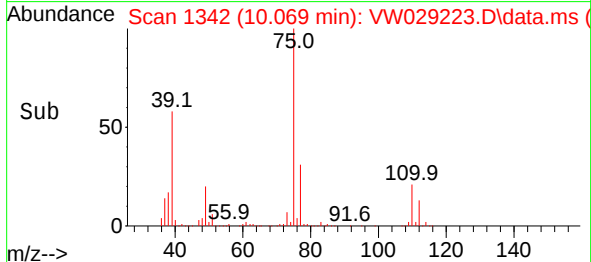
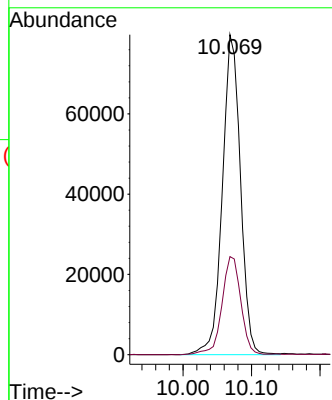
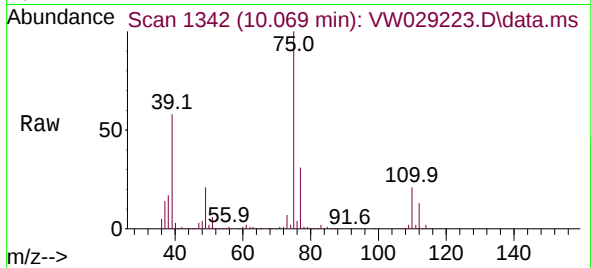
ClientSampleId :

Tgt Ion: 75 Resp: 145767

Ion Ratio Lower Upper

75 100

77 30.7 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 52.619 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

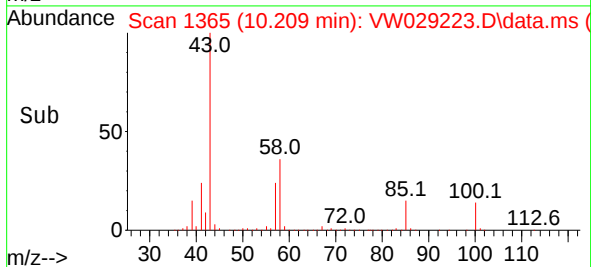
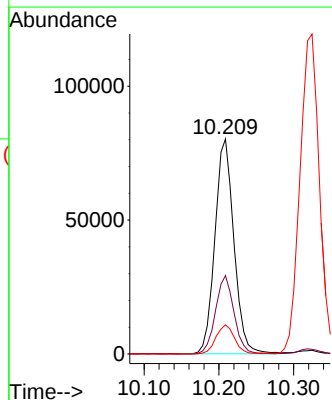
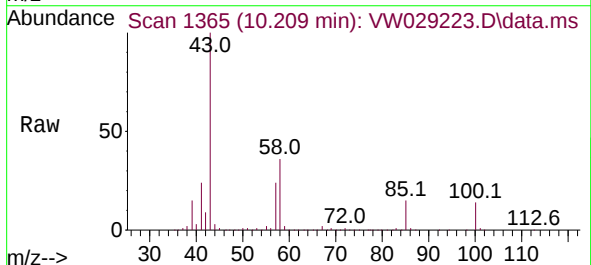
Tgt Ion: 43 Resp: 141910

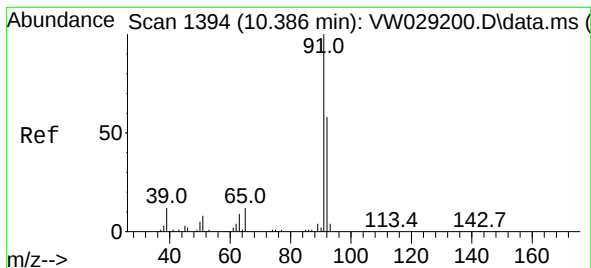
Ion Ratio Lower Upper

43 100

58 35.7 28.2 42.4

100 13.4 11.0 16.4





#42

Toluene

Concen: 23.291 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

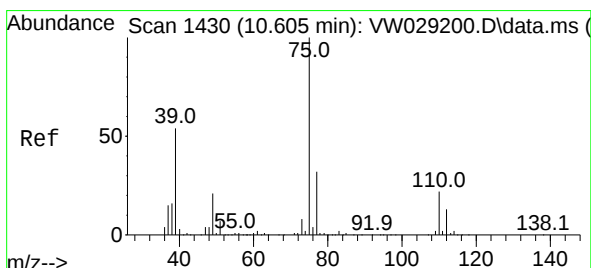
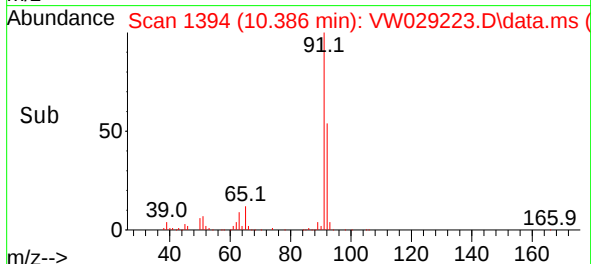
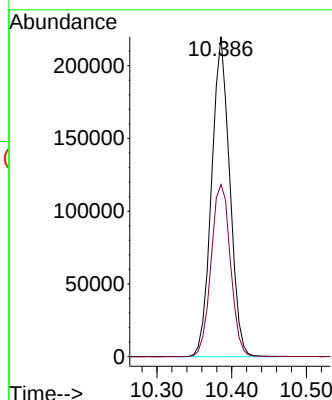
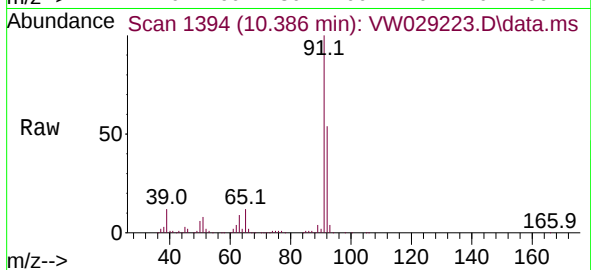
ClientSampleId :

Tgt Ion: 91 Resp: 370774

Ion Ratio Lower Upper

91 100

92 53.8 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 23.554 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029223.D

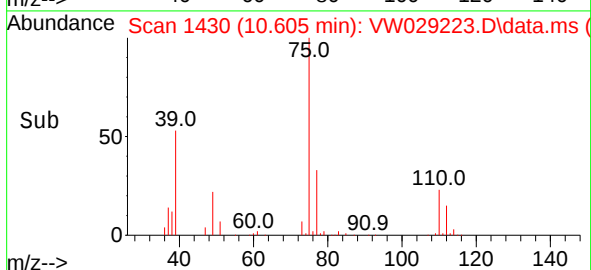
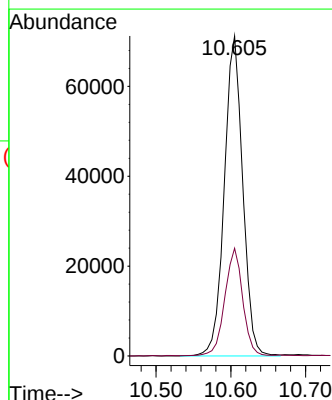
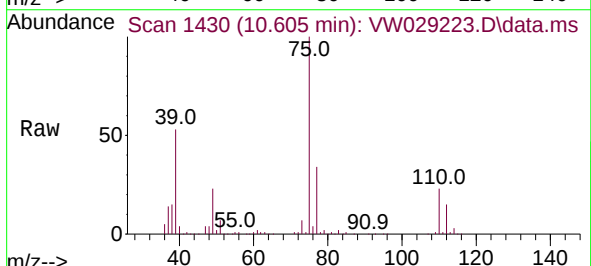
Acq: 19 Jun 2024 19:00

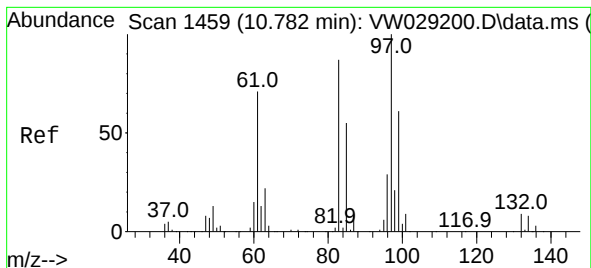
Tgt Ion: 75 Resp: 122331

Ion Ratio Lower Upper

75 100

77 33.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 23.117 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

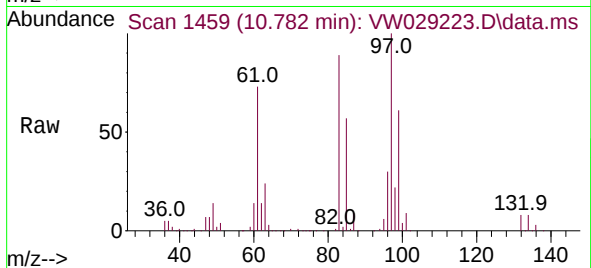
Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 70057

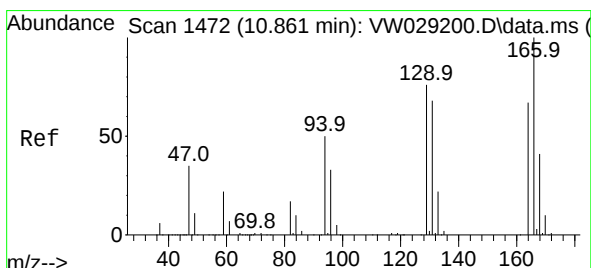
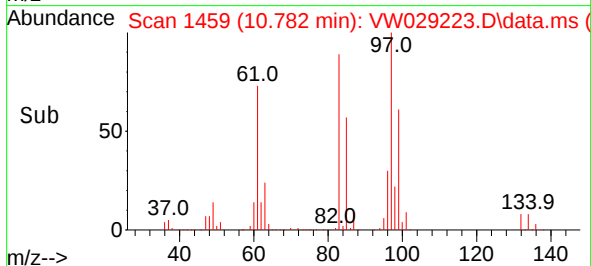
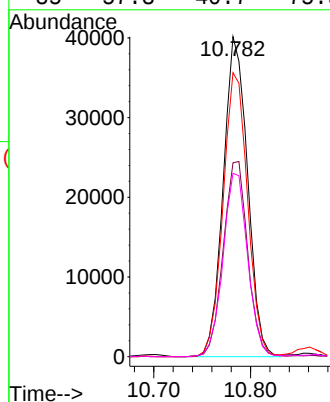
Ion Ratio Lower Upper

97 100

99 60.6 42.3 78.5

83 88.7 57.7 107.1

85 57.3 40.7 75.5



#46

Tetrachloroethene

Concen: 21.538 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Tgt Ion:164 Resp: 62203

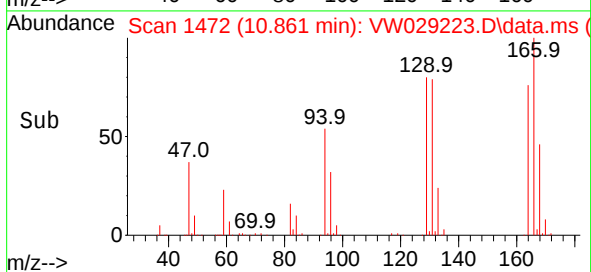
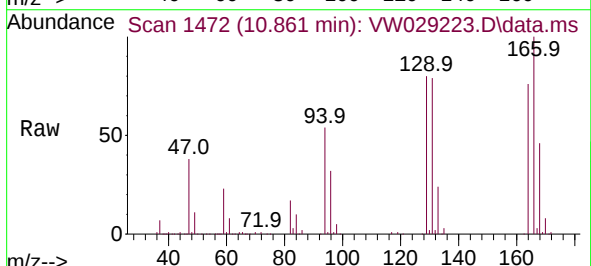
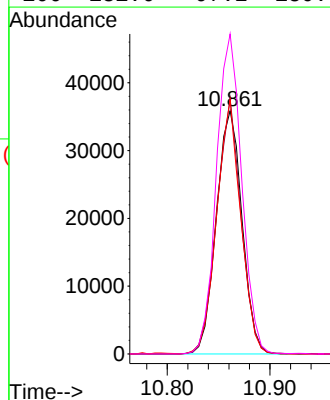
Ion Ratio Lower Upper

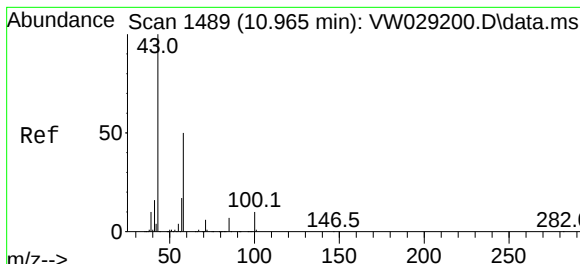
164 100

129 105.1 68.5 127.3

131 104.5 71.8 133.4

166 131.6 97.2 180.4



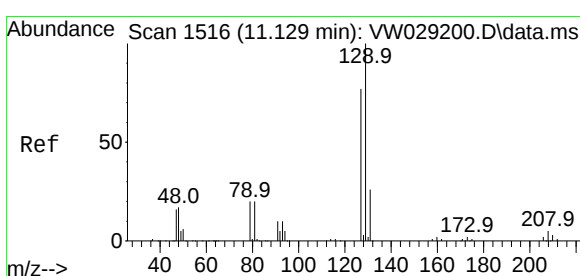
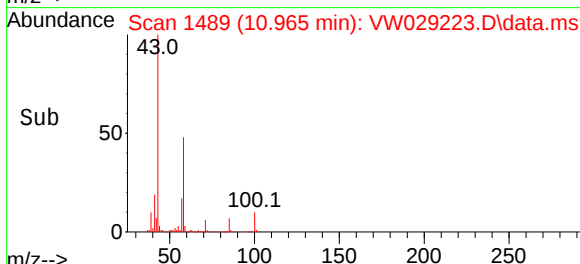
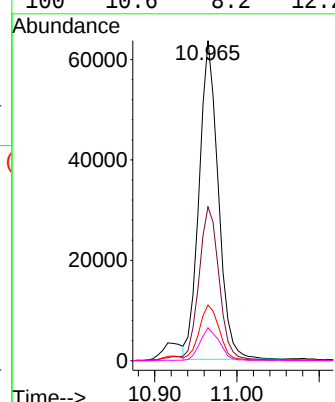
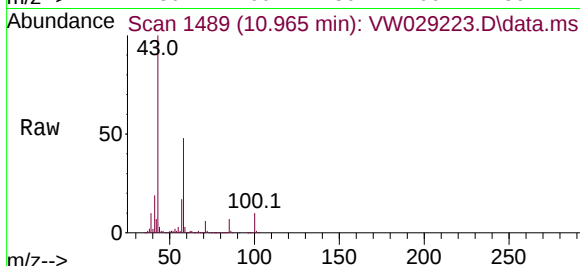


#48
2-Hexanone
Concen: 53.782 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 102922

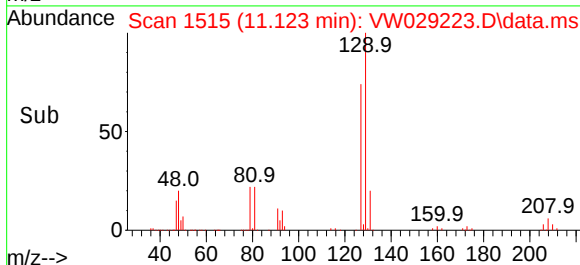
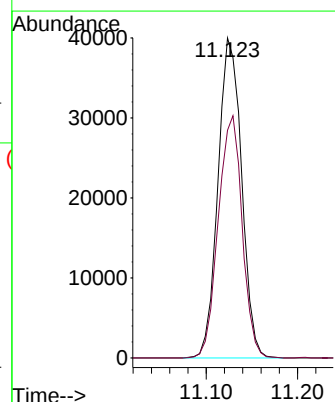
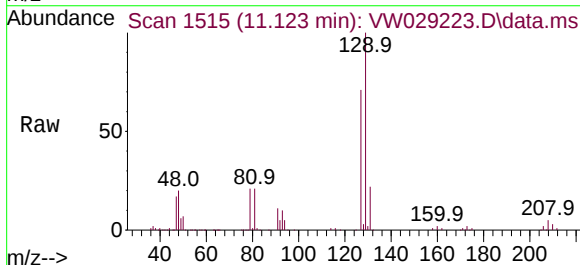
Ion	Ratio	Lower	Upper
43	100		
58	50.4	39.6	59.4
57	18.6	14.6	21.8
100	10.6	8.2	12.2

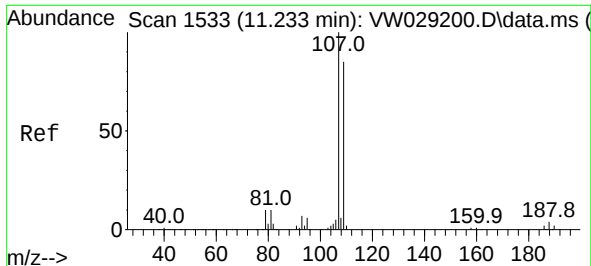


#49
Dibromochloromethane
Concen: 22.670 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Tgt Ion: 129 Resp: 71815

Ion	Ratio	Lower	Upper
129	100		
127	71.2	54.8	101.8





#50

1,2-Dibromoethane

Concen: 24.300 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029223.D

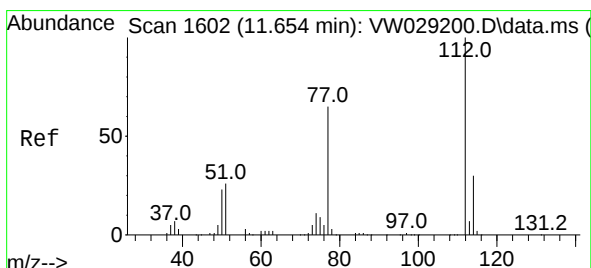
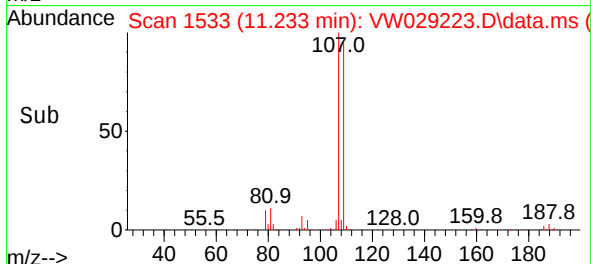
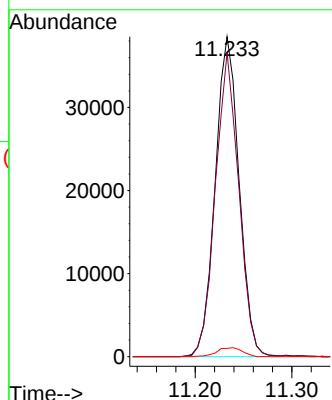
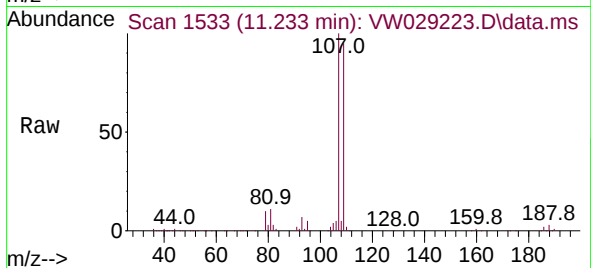
Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	66106
Ion Ratio	Lower	Upper
107	100	
109	95.1	65.5 121.6
188	2.6	2.6 4.0#



#51

Chlorobenzene

Concen: 22.153 ug/L

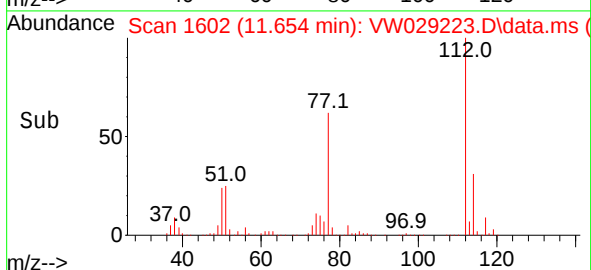
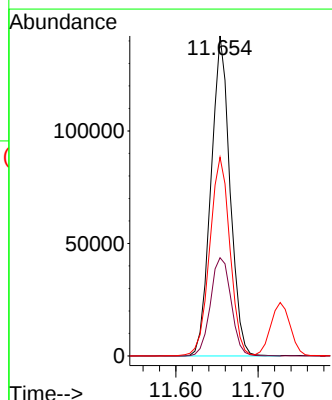
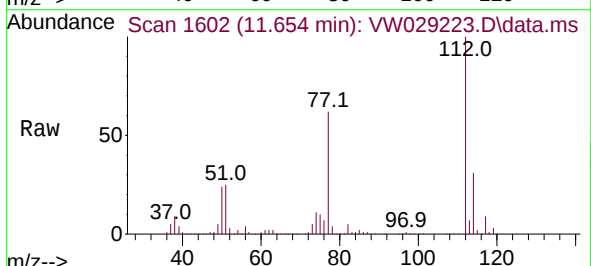
RT: 11.654 min Scan# 1602

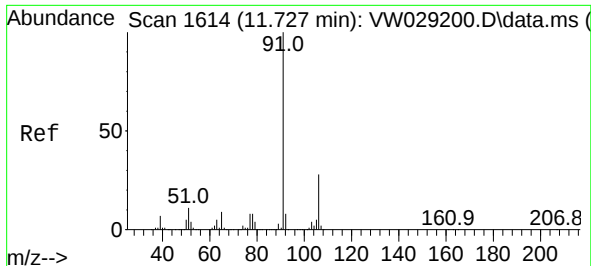
Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Tgt Ion:112	Resp:	229015
Ion Ratio	Lower	Upper
112	100	
114	30.7	22.6 42.0
77	62.1	51.0 76.6





#52

Ethylbenzene

Concen: 23.090 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

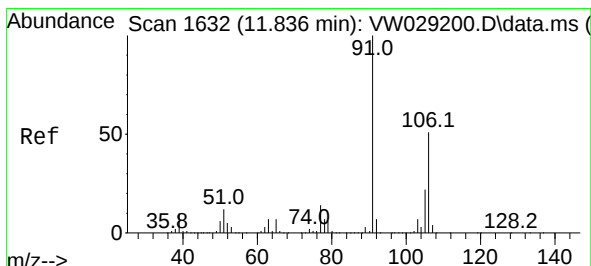
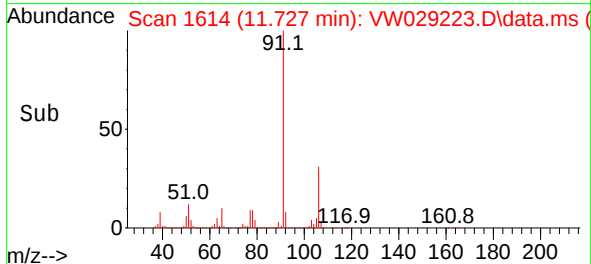
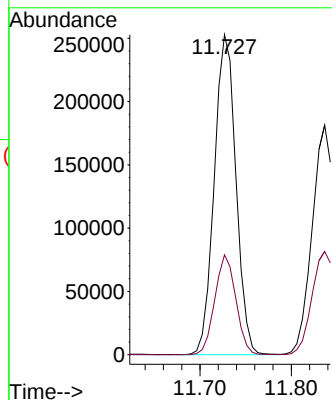
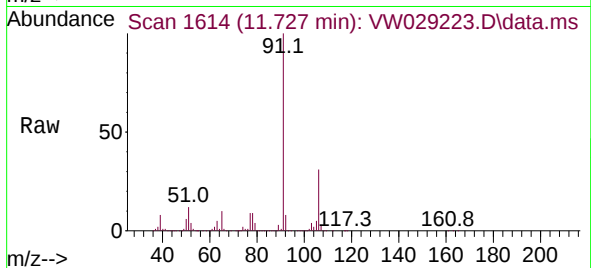
ClientSampleId :

Tgt Ion: 91 Resp: 417240

Ion Ratio Lower Upper

91 100

106 31.2 19.9 37.0



#53

m,p-Xylene

Concen: 23.016 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029223.D

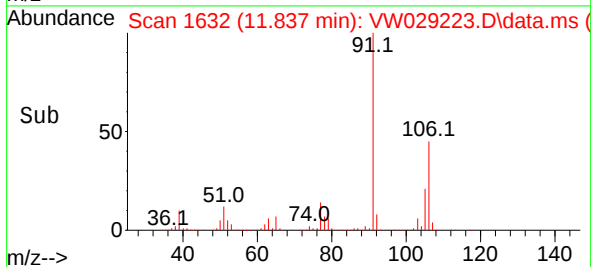
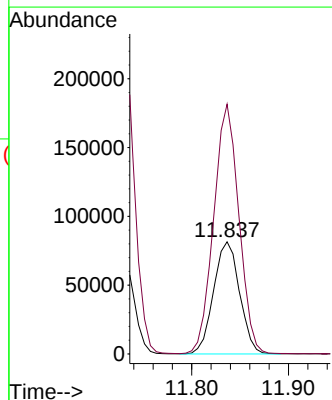
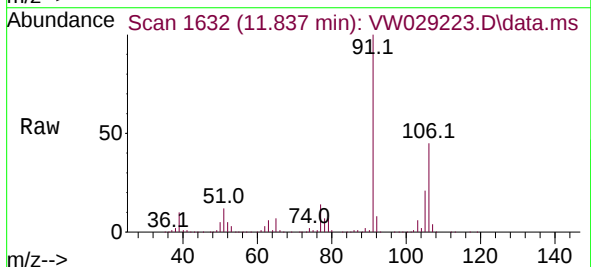
Acq: 19 Jun 2024 19:00

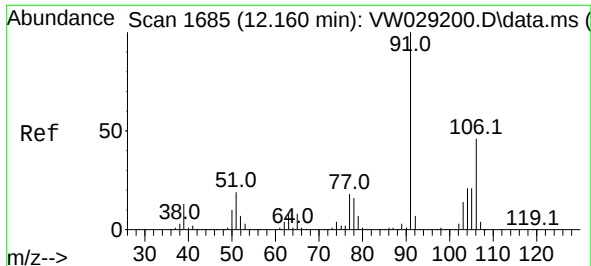
Tgt Ion:106 Resp: 151919

Ion Ratio Lower Upper

106 100

91 222.5 140.5 260.9

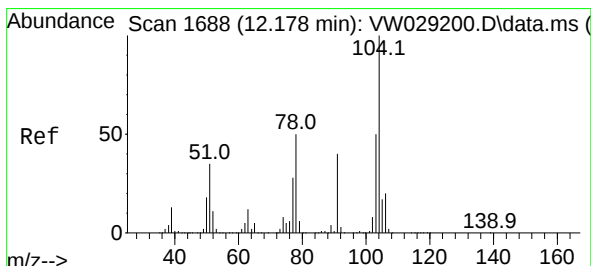
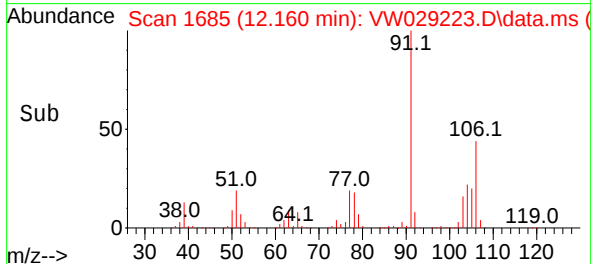
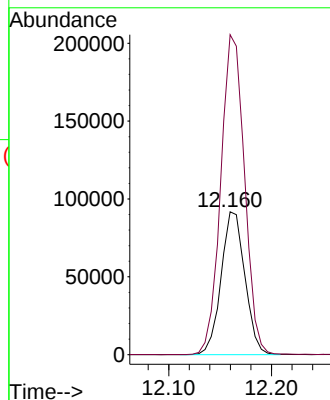
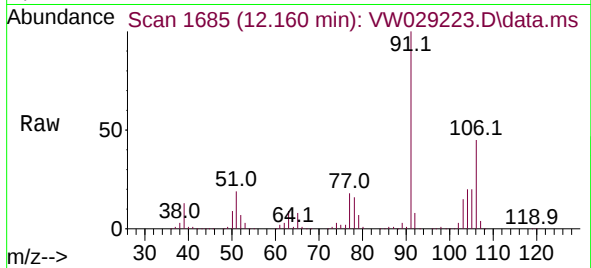




#54
o-Xylene
Concen: 23.915 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

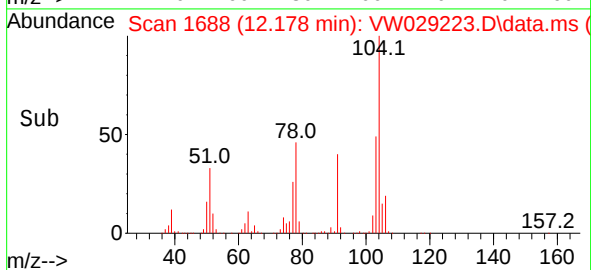
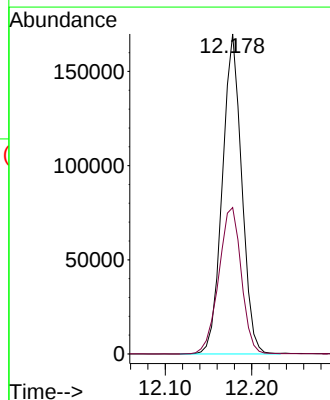
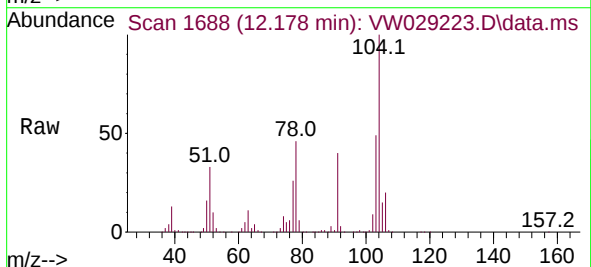
Instrument :
MSVOA_W
ClientSampleId :

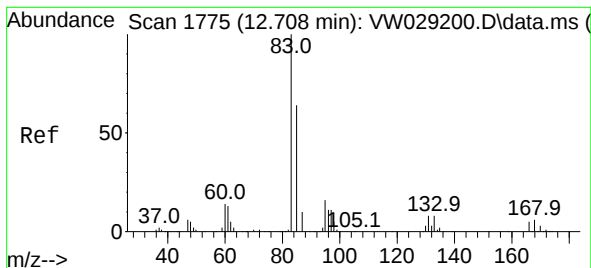
Tgt Ion:106 Resp: 147525
Ion Ratio Lower Upper
106 100
91 223.9 149.9 278.5



#55
Styrene
Concen: 24.551 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Tgt Ion:104 Resp: 264067
Ion Ratio Lower Upper
104 100
78 45.8 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.848 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

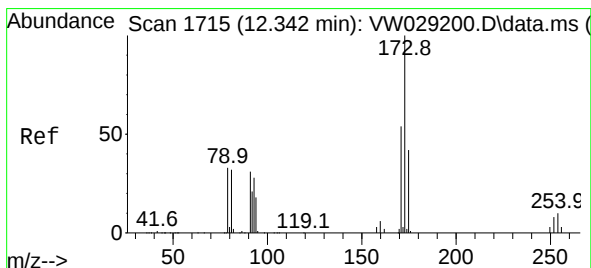
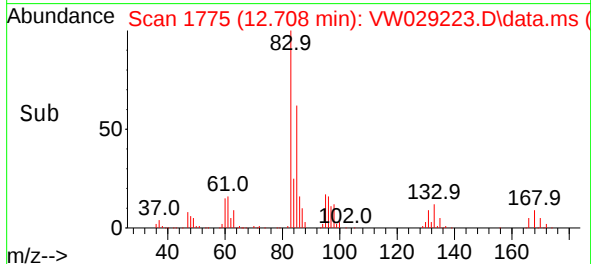
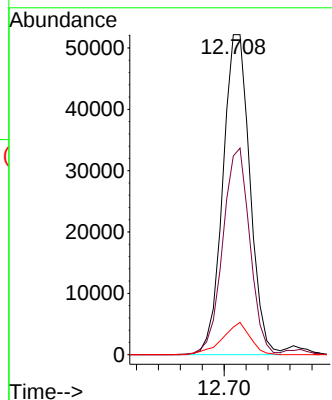
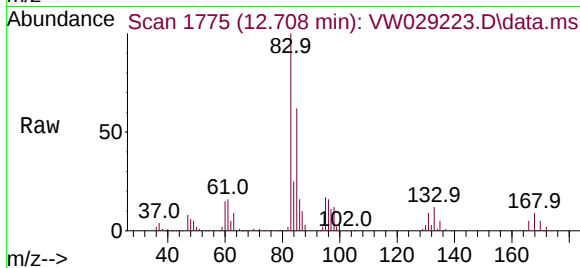
Tgt Ion: 83 Resp: 89398

Ion Ratio Lower Upper

83 100

85 62.1 45.8 85.0

131 8.6 7.8 11.6



#59

Bromoform

Concen: 23.162 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

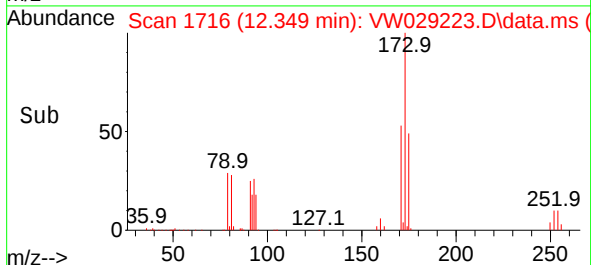
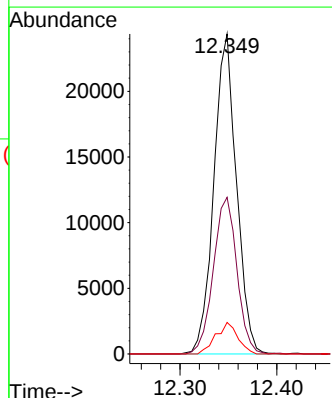
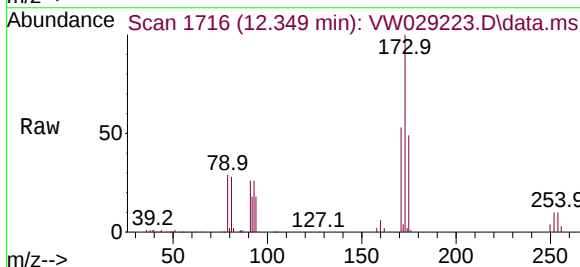
Tgt Ion:173 Resp: 39500

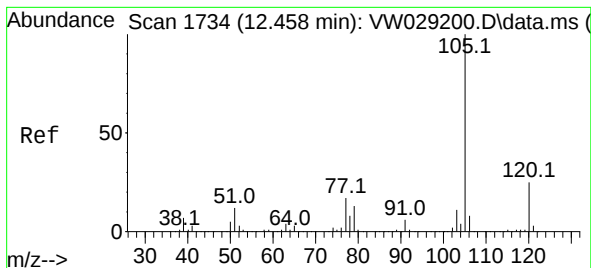
Ion Ratio Lower Upper

173 100

175 51.0 37.8 56.8

254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 24.655 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

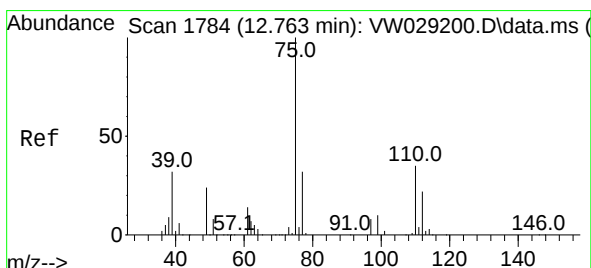
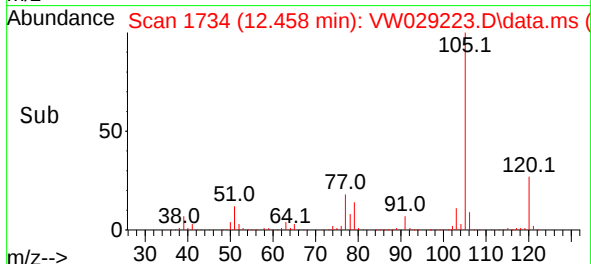
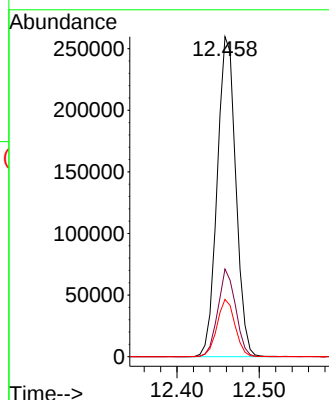
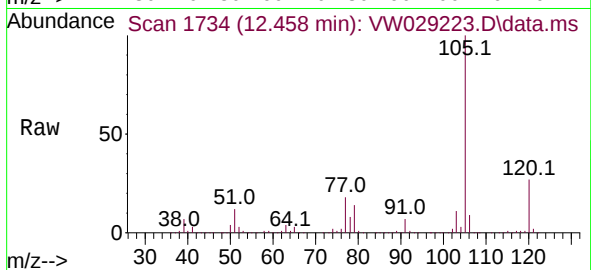
Tgt Ion:105 Resp: 408770

Ion Ratio Lower Upper

105 100

120 26.1 20.5 30.7

77 17.2 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 24.749 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

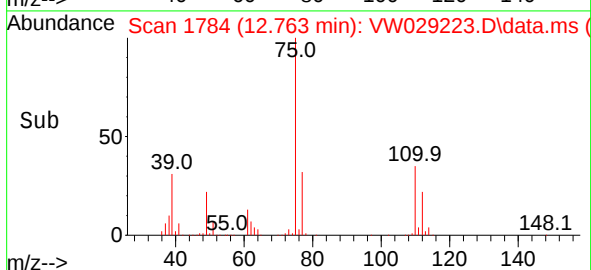
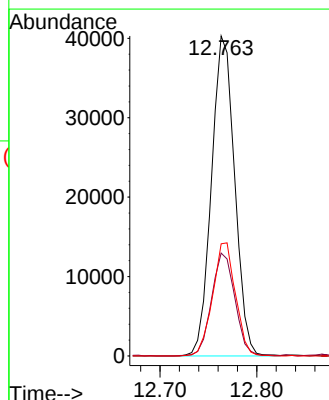
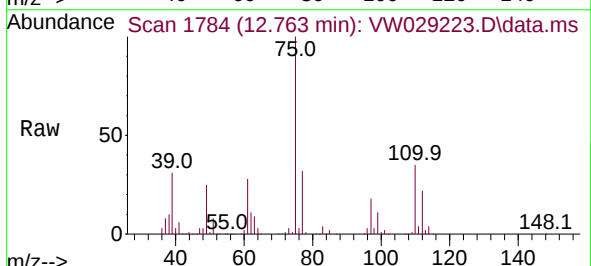
Tgt Ion: 75 Resp: 67168

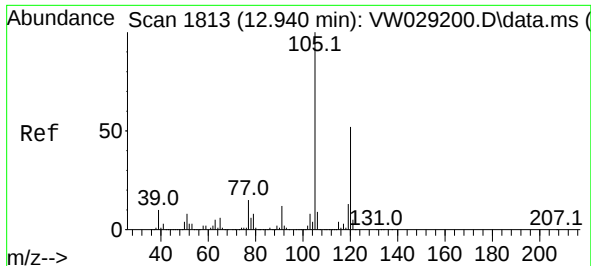
Ion Ratio Lower Upper

75 100

77 32.3 26.6 39.8

110 34.9 29.5 44.3

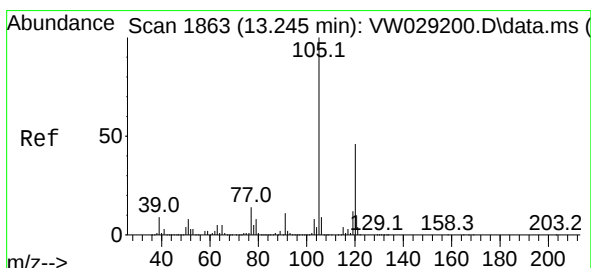
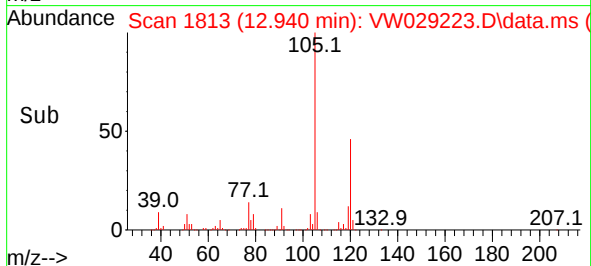
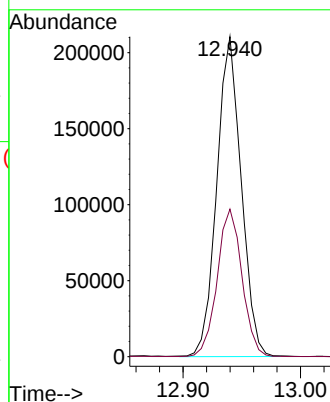
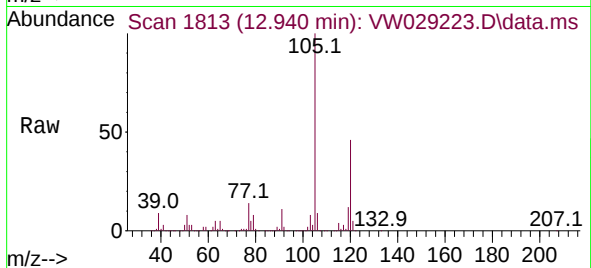




#62
1,3,5-Trimethylbenzene
Concen: 25.336 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

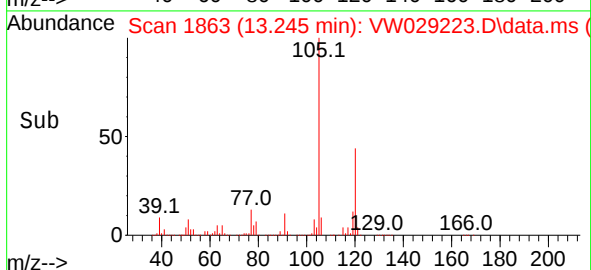
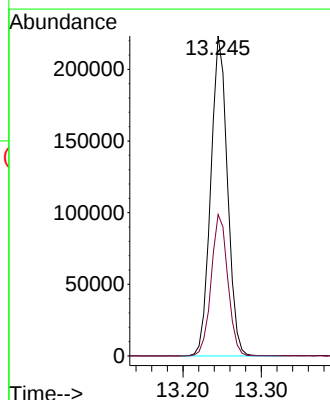
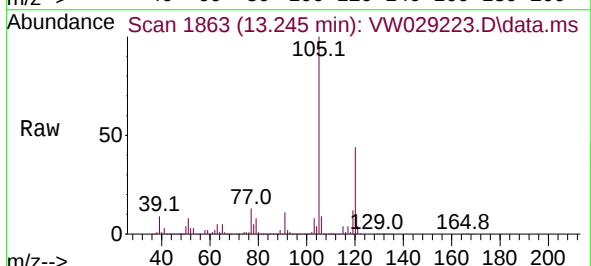
Instrument :
MSVOA_W
ClientSampleId :

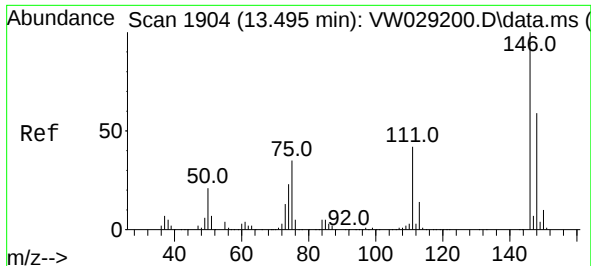
Tgt Ion:105 Resp: 304219
Ion Ratio Lower Upper
105 100
120 46.8 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 25.558 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

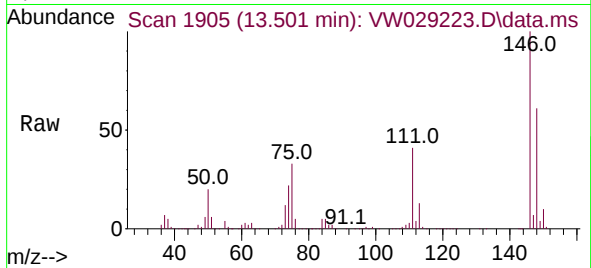
Tgt Ion:105 Resp: 330191
Ion Ratio Lower Upper
105 100
120 44.0 34.9 52.3



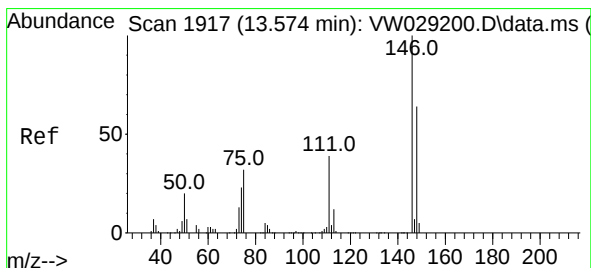
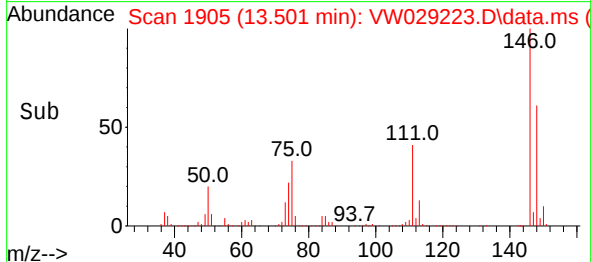
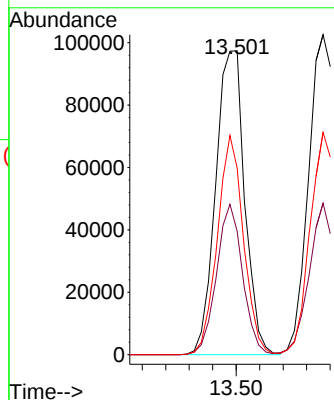


#64
1,3-Dichlorobenzene
Concen: 23.339 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Instrument :
MSVOA_W
ClientSampleId :

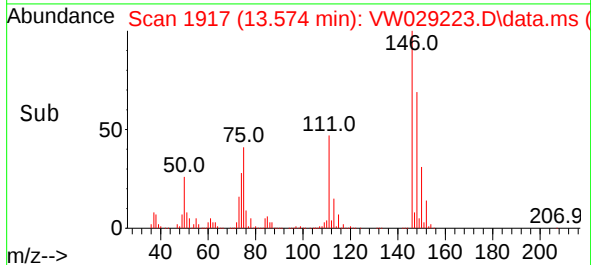
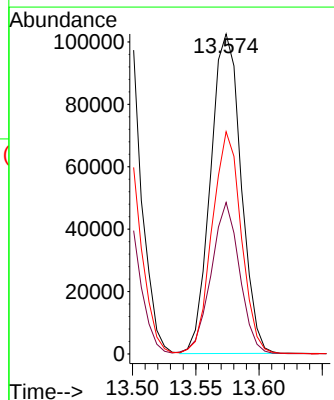
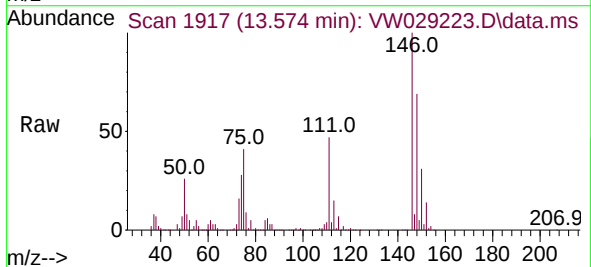


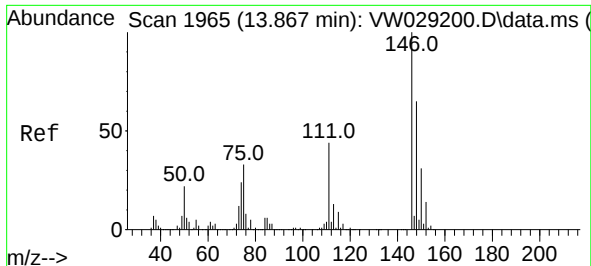
Tgt Ion:146 Resp: 167455
Ion Ratio Lower Upper
146 100
111 40.6 33.0 61.2
148 61.4 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 22.519 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Tgt Ion:146 Resp: 171903
Ion Ratio Lower Upper
146 100
111 47.4 28.9 53.7
148 69.4 42.0 78.0

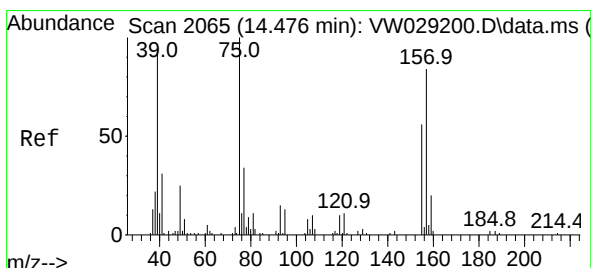
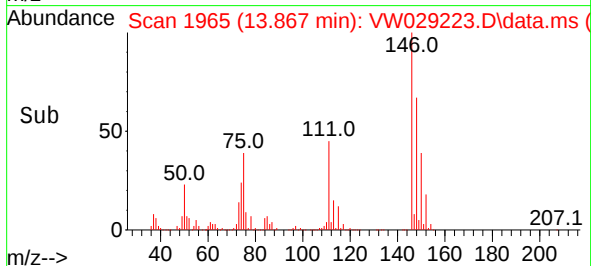
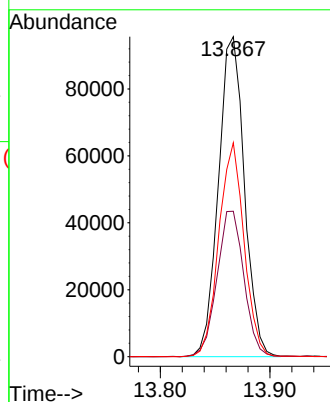
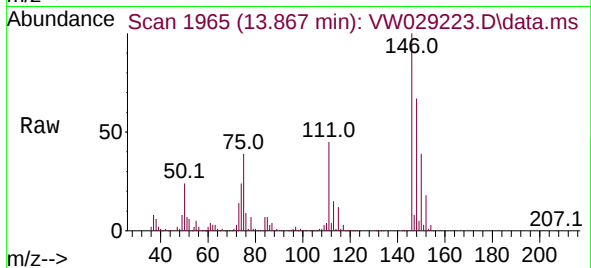




#67
1,2-Dichlorobenzene
Concen: 23.760 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

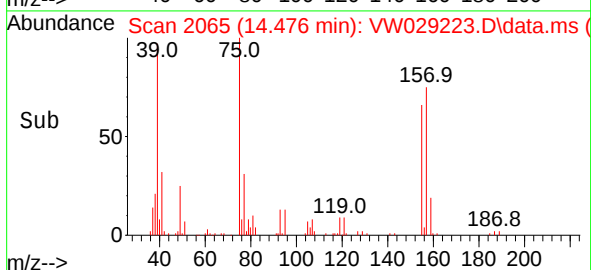
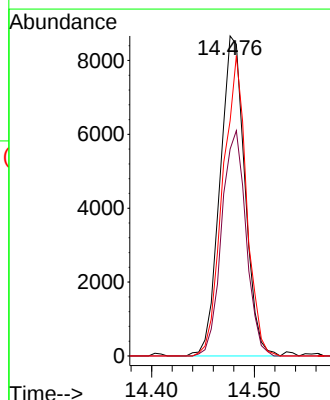
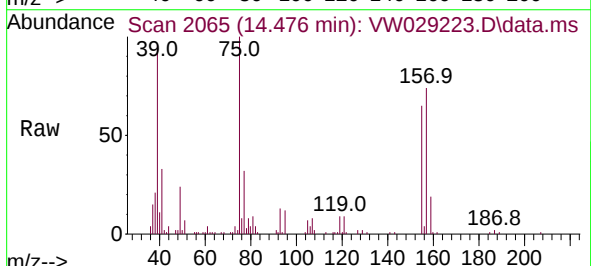
Instrument :
MSVOA_W
ClientSampleId :

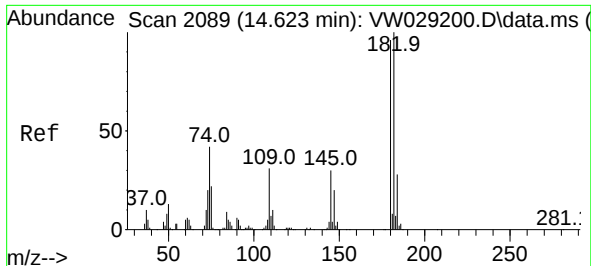
Tgt Ion:146 Resp: 157598
Ion Ratio Lower Upper
146 100
111 45.5 34.2 51.4
148 66.8 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 22.945 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029223.D
Acq: 19 Jun 2024 19:00

Tgt Ion: 75 Resp: 14532
Ion Ratio Lower Upper
75 100
155 64.7 51.0 76.6
157 73.5 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 22.778 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

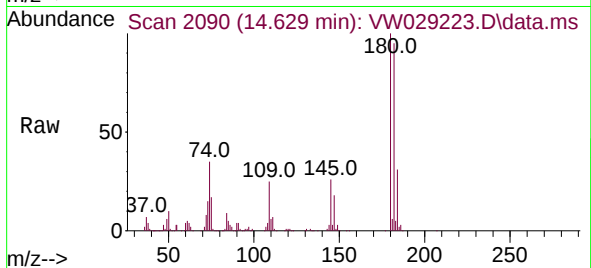
Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 110298

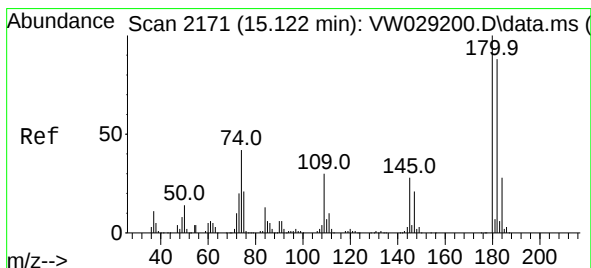
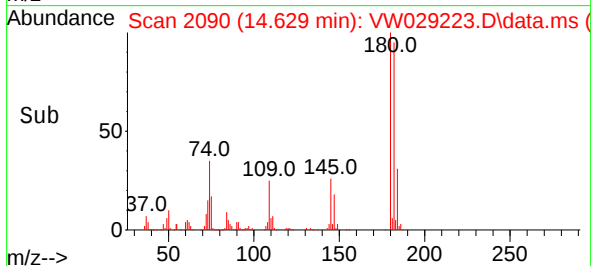
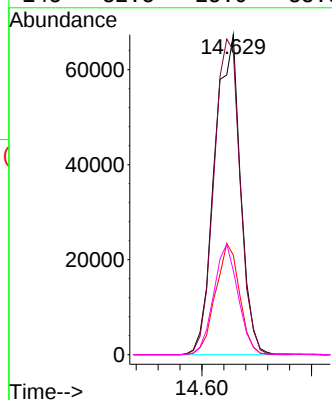
Ion Ratio Lower Upper

180 100

182 99.7 72.9 109.3

184 32.4 23.8 35.6

145 32.5 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 25.708 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

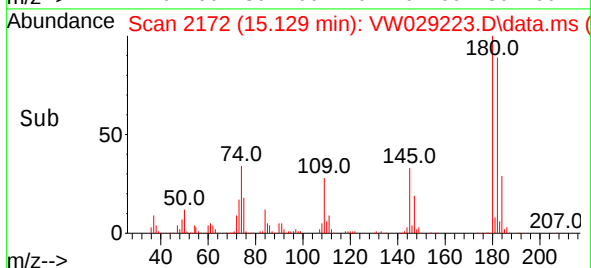
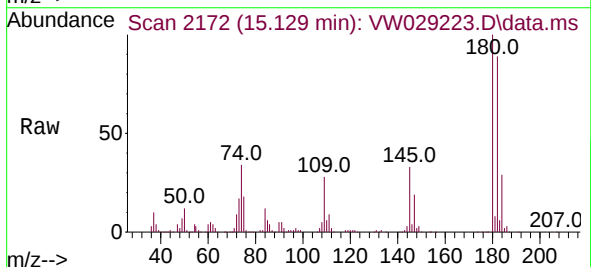
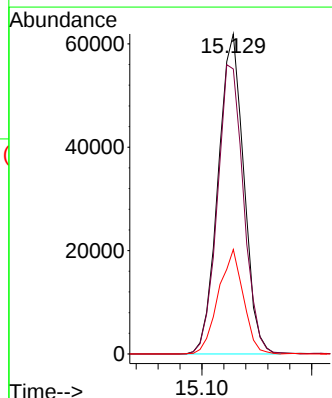
Tgt Ion:180 Resp: 100914

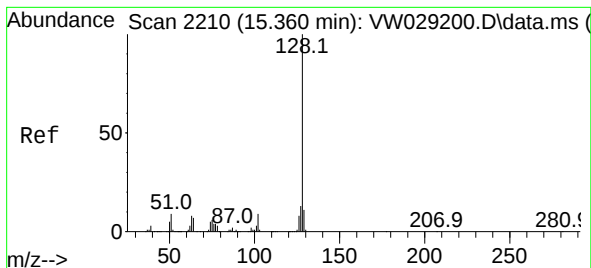
Ion Ratio Lower Upper

180 100

182 92.2 77.7 116.5

145 31.8 25.7 38.5





#71

Naphthalene

Concen: 27.872 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Instrument :

MSVOA_W

ClientSampleId :

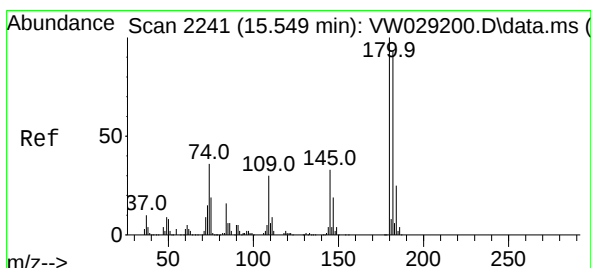
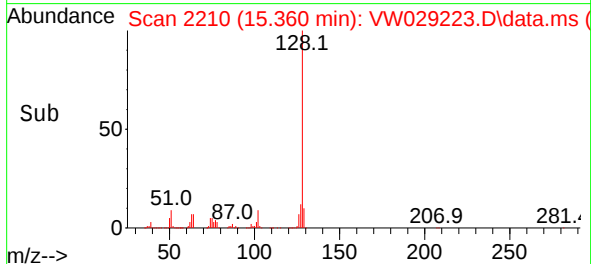
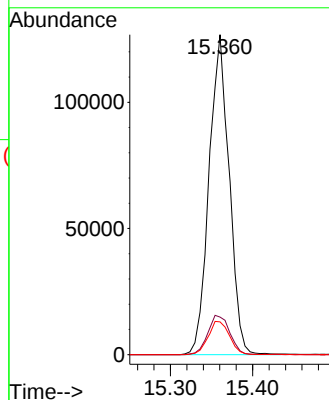
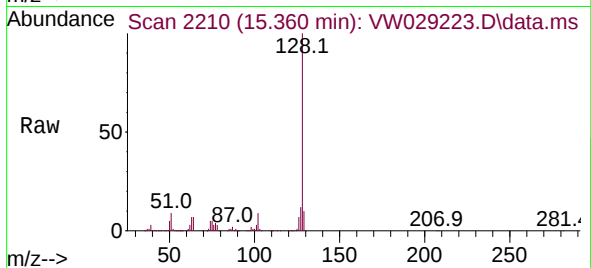
Tgt Ion:128 Resp: 215937

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.210 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029223.D

Acq: 19 Jun 2024 19:00

Tgt Ion:180 Resp: 86590

Ion Ratio Lower Upper

180 100

182 93.3 73.0 109.6

145 36.2 28.1 42.1

