

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061124\
 Data File : VW029091.D
 Acq On : 11 Jun 2024 10:13
 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 12 00:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 01:19:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	317414	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98318	19.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.000%
7) Chloroethane-d5	2.905	69	78628	20.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
11) 1,1-Dichloroethene-d2	4.021	65	45526	20.541	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.160%
21) 2-Butanone-d5	7.075	46	50644	49.156	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.320%
24) Chloroform-d	7.648	84	204867	22.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.480%
26) 1,2-Dichloroethane-d4	8.307	65	108107	22.676	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.720%
32) Benzene-d6	8.276	84	401631	22.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.920%
36) 1,2-Dichloropropane-d6	9.270	67	124523	22.991	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.960%
41) Toluene-d8	10.319	98	354611	22.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.575	79	46114	22.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.922	63	35640	49.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90625	24.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	115787	22.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	57528	15.872	ug/L	93
3) Chloromethane	2.222	50	89124	20.127	ug/L	100
5) Vinyl chloride	2.375	62	115149	21.483	ug/L	100
6) Bromomethane	2.789	94	67337	20.967	ug/L	92
8) Chloroethane	2.936	64	71116	21.969	ug/L	99
9) Trichlorofluoromethane	3.271	101	96622	21.686	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93869	21.352	ug/L	98
12) 1,1-Dichloroethene	4.045	96	93390	23.277	ug/L	89
13) Acetone	4.118	43	55562	51.462	ug/L	99
14) Carbon disulfide	4.393	76	301683	22.209	ug/L	100
15) Methyl Acetate	4.673	43	43829	24.442	ug/L	99
16) Methylene chloride	4.923	84	106445	22.344	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	101744	23.259	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	144801	23.738	ug/L	99
19) 1,1-Dichloroethane	6.222	63	207965	24.181	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	110319	24.055	ug/L	99
22) 2-Butanone	7.167	43	64430	49.523	ug/L	100
23) Bromochloromethane	7.514	128	47498	23.726	ug/L	91
25) Chloroform	7.673	83	200949	24.057	ug/L	96

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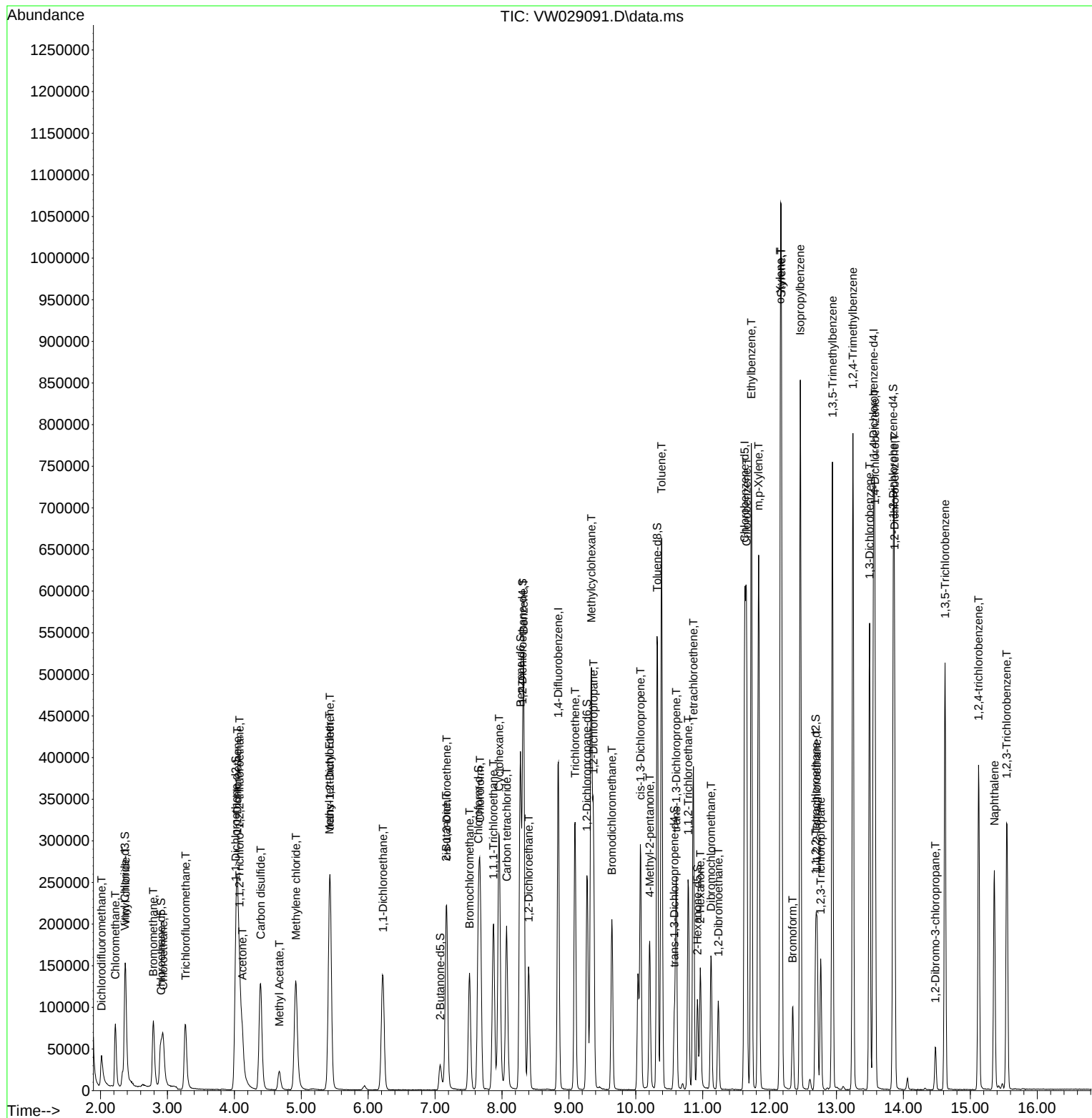
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134698	24.063	ug/L	100
29) Cyclohexane	7.959	56	176312	24.365	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	158434	23.495	ug/L	99
31) Carbon tetrachloride	8.069	117	145118	23.626	ug/L	97
33) Benzene	8.325	78	442013	24.425	ug/L	100
34) Trichloroethene	9.093	95	114908	24.152	ug/L	91
35) Methylcyclohexane	9.337	83	197248	24.439	ug/L	99
37) 1,2-Dichloropropane	9.367	63	117807	24.859	ug/L	100
38) Bromodichloromethane	9.642	83	139048	24.058	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	168957	24.532	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	122281	50.729	ug/L	98
42) Toluene	10.386	91	466578	25.238	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	135624	24.427	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	77845	24.322	ug/L	96
46) Tetrachloroethene	10.861	164	84425	23.356	ug/L	94
48) 2-Hexanone	10.965	43	91667	50.722	ug/L	98
49) Dibromochloromethane	11.123	129	83710	24.762	ug/L	98
50) 1,2-Dibromoethane	11.233	107	70797	24.231	ug/L	98
51) Chlorobenzene	11.654	112	286753	24.146	ug/L	99
52) Ethylbenzene	11.727	91	529299	25.199	ug/L	94
53) m,p-Xylene	11.837	106	194873	25.048	ug/L	91
54) o-Xylene	12.160	106	187415	26.016	ug/L	100
55) Styrene	12.178	104	320360	25.794	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	88193	24.409	ug/L	98
59) Bromoform	12.343	173	43178	22.802	ug/L	95
60) Isopropylbenzene	12.458	105	510291	24.485	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	64501	23.220	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	383346	25.290	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	409605	25.569	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	214306	23.928	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	219561	23.472	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	195404	24.343	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13313	22.486	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	147432	23.975	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	116019	23.279	ug/L	99
71) Naphthalene	15.360	128	215531	25.381	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	104918	24.639	ug/L	96

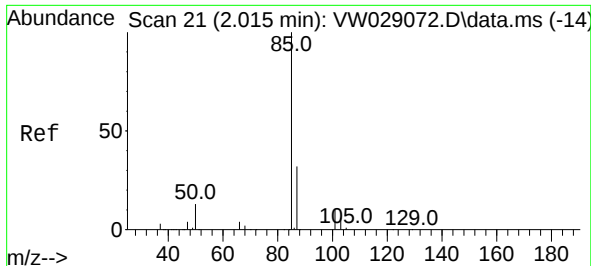
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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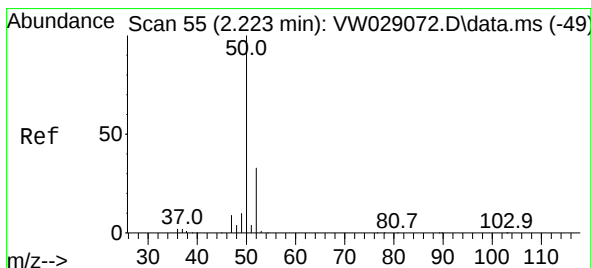
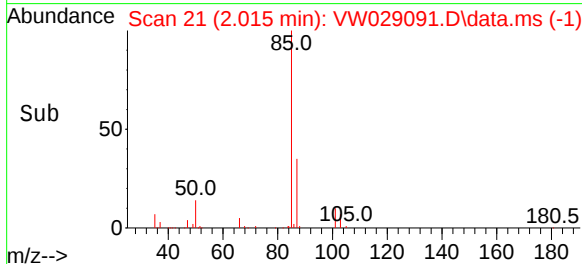
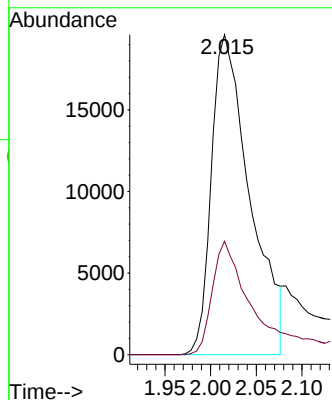
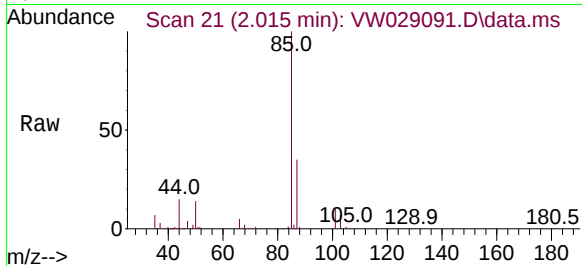




#2
Dichlorodifluoromethane
Concen: 15.872 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

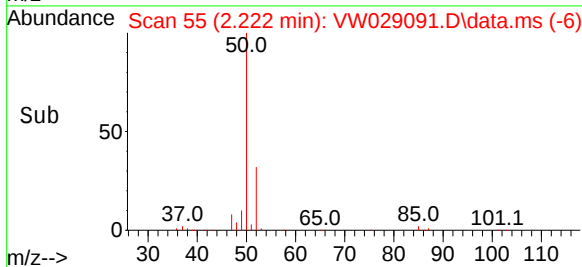
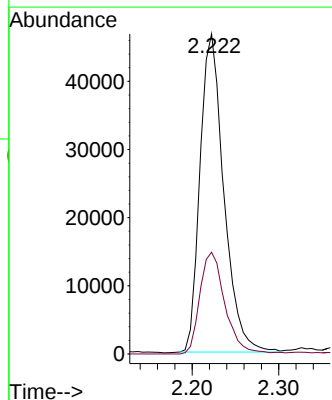
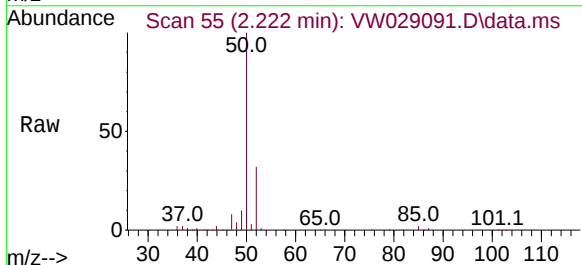
Instrument :
MSVOA_W
ClientSampleId :

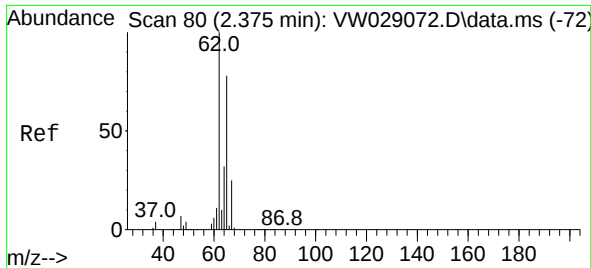
Tgt Ion: 85 Resp: 57528
Ion Ratio Lower Upper
85 100
87 35.6 25.3 37.9



#3
Chloromethane
Concen: 20.127 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion: 50 Resp: 89124
Ion Ratio Lower Upper
50 100
52 31.8 22.1 41.1

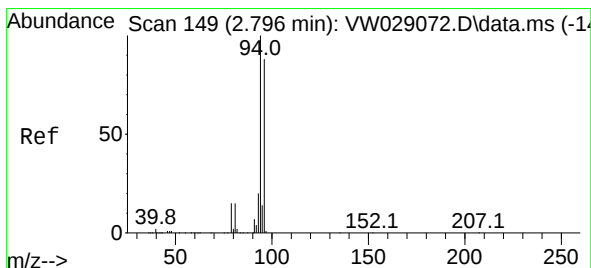
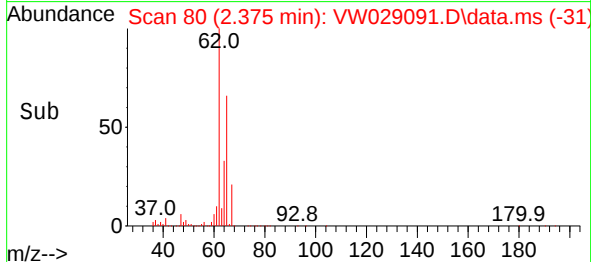
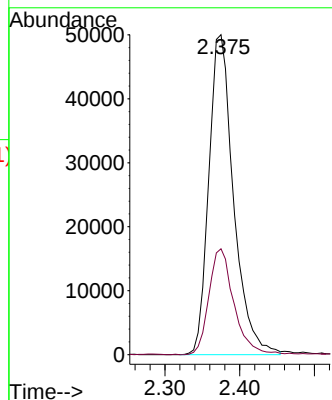
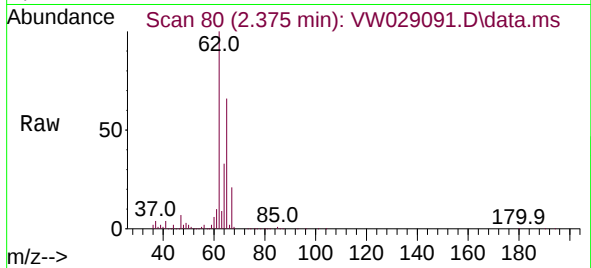




#5
 Vinyl chloride
 Concen: 21.483 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029091.D
 Acq: 11 Jun 2024 10:13

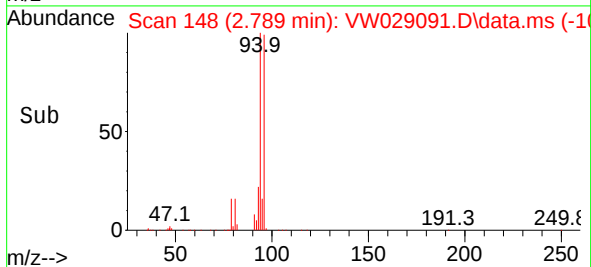
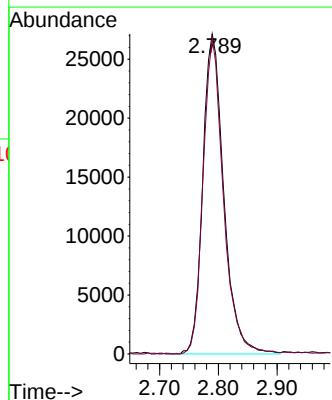
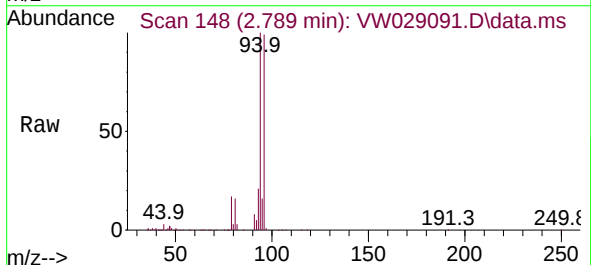
Instrument :
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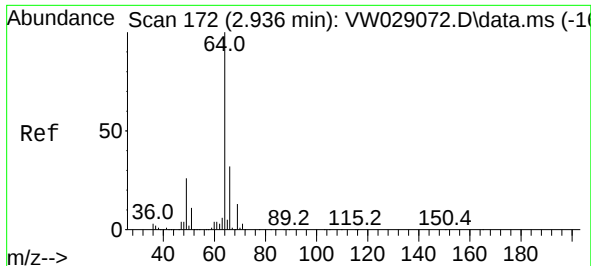
Tgt Ion: 62 Resp: 115149
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 20.967 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029091.D
 Acq: 11 Jun 2024 10:13

Tgt Ion: 94 Resp: 67337
 Ion Ratio Lower Upper
 94 100
 96 98.8 63.7 118.3

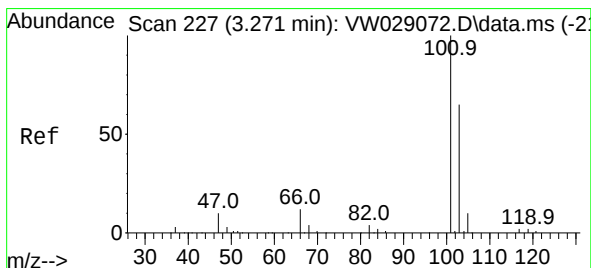
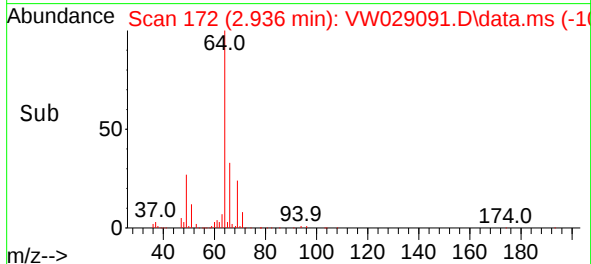
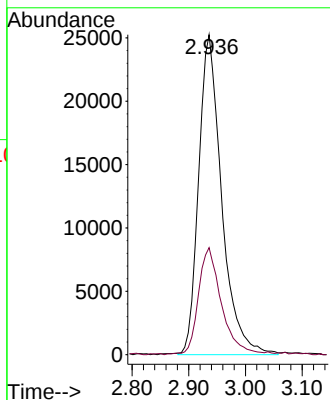
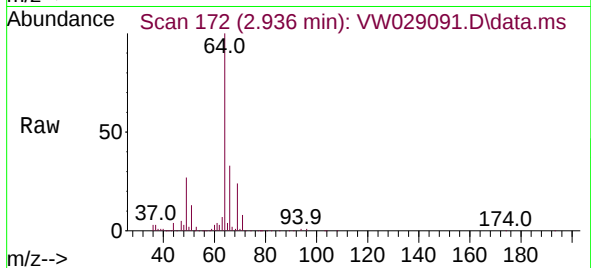




#8
Chloroethane
Concen: 21.969 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

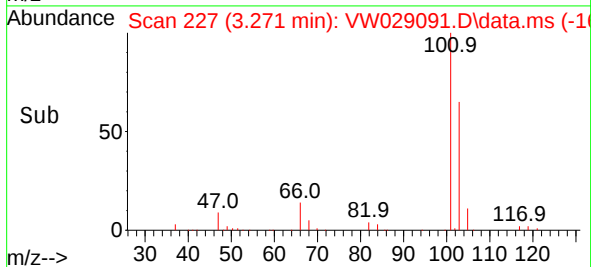
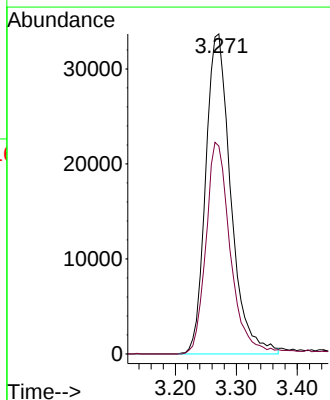
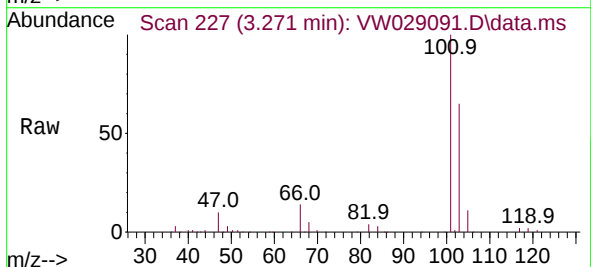
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MSVOA_W
ClientSampleId :

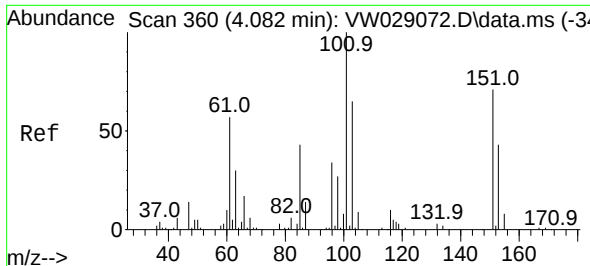
Tgt Ion: 64 Resp: 71116
Ion Ratio Lower Upper
64 100
66 33.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.686 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion:101 Resp: 96622
Ion Ratio Lower Upper
101 100
103 63.8 51.3 76.9





#10

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

Concen: 21.352 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

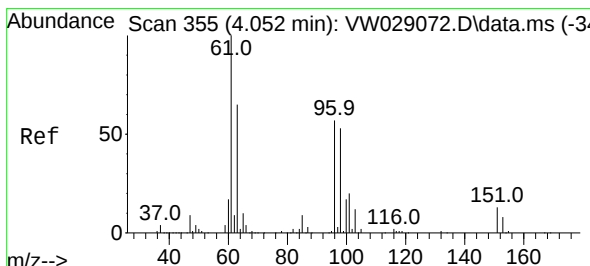
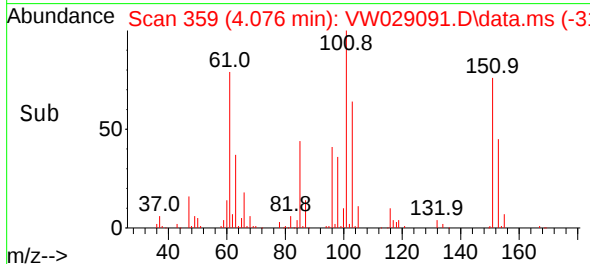
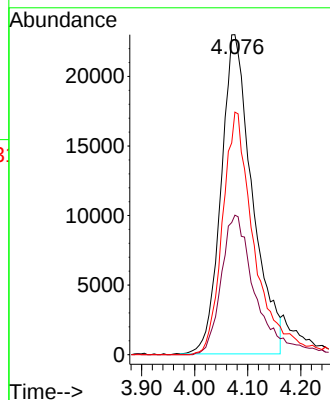
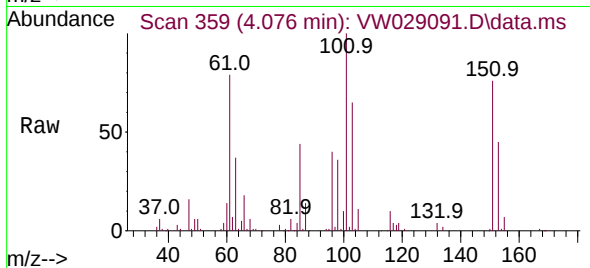
Tgt Ion:101 Resp: 93869

Ion Ratio Lower Upper

101 100

85 47.9 35.8 53.8

151 73.5 58.5 87.7



#12

1,1-Dichloroethene

Concen: 23.277 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029091.D

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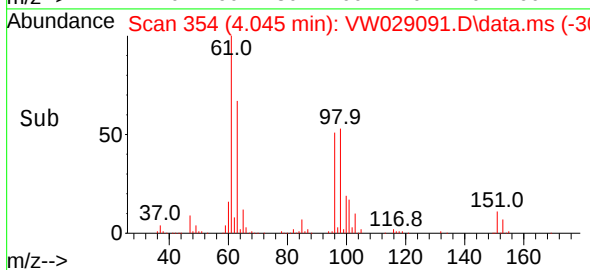
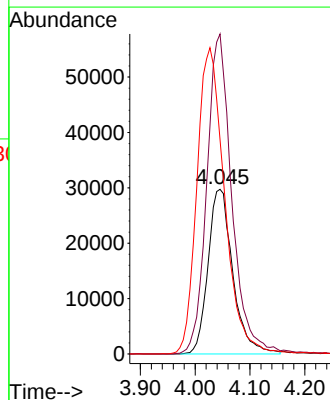
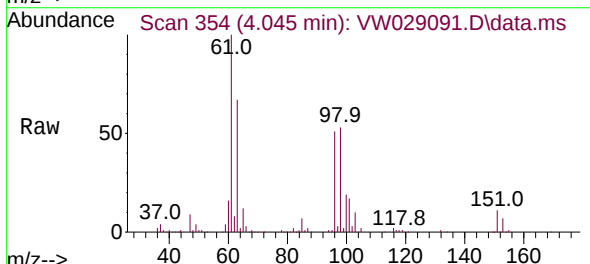
Tgt Ion: 96 Resp: 93390

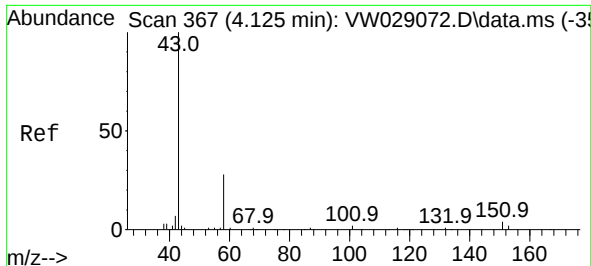
Ion Ratio Lower Upper

96 100

61 194.3 132.2 245.4

63 130.1 108.4 201.2

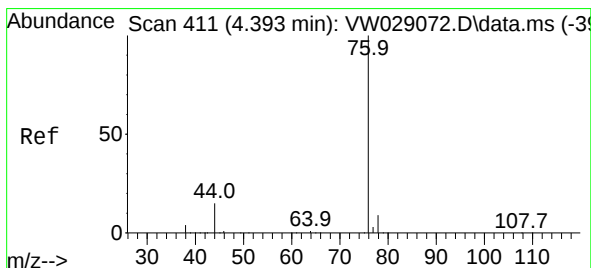
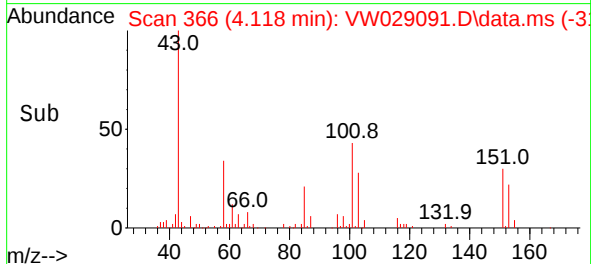
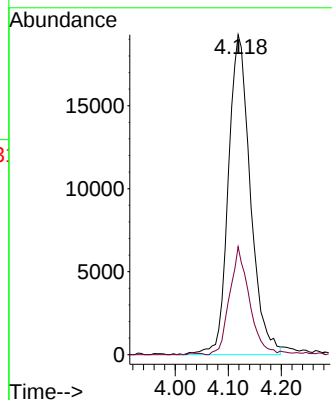
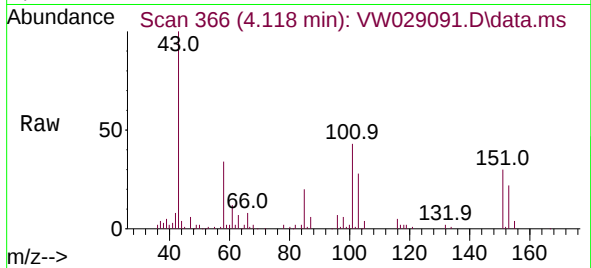




#13
Acetone
Concen: 51.462 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
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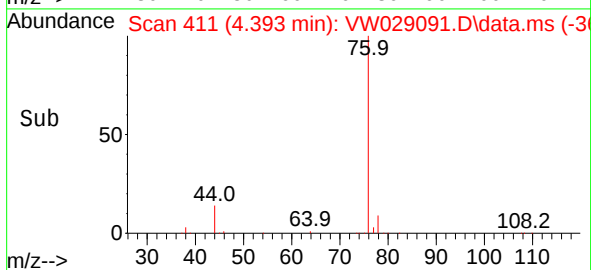
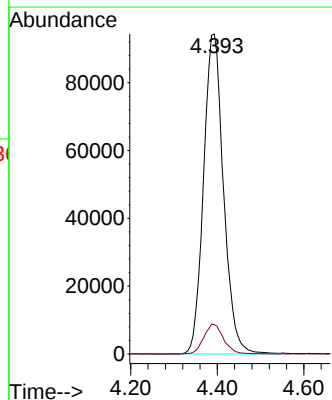
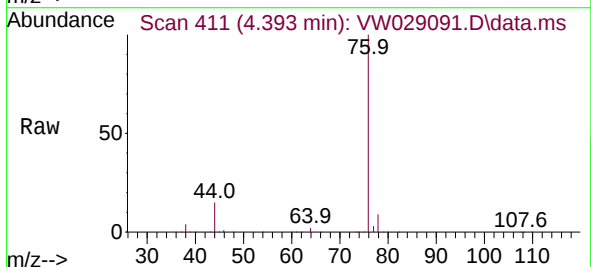
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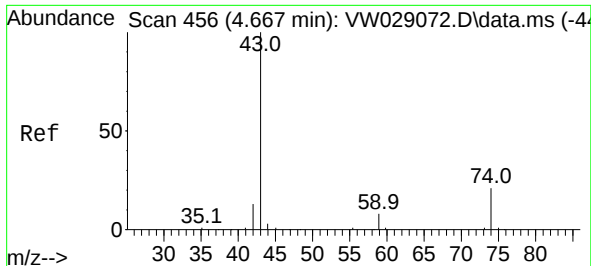
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Ion Ratio Lower Upper
43 100
58 30.1 0.0 59.4



#14
Carbon disulfide
Concen: 22.209 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion: 76 Resp: 301683
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

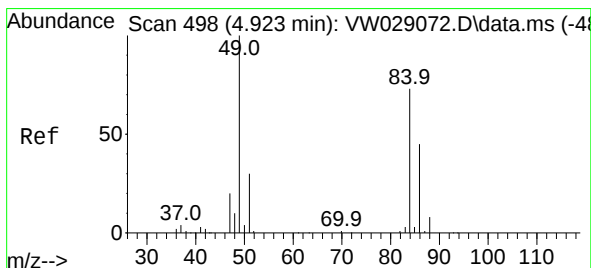
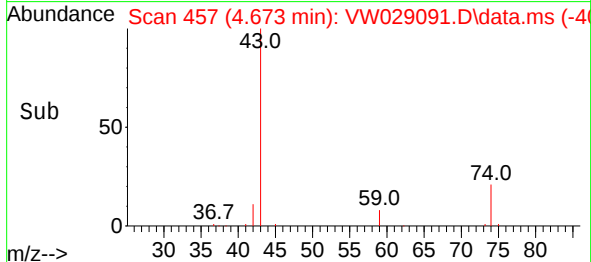
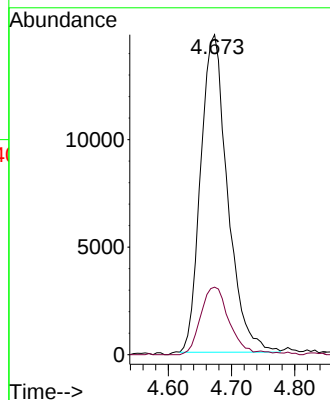
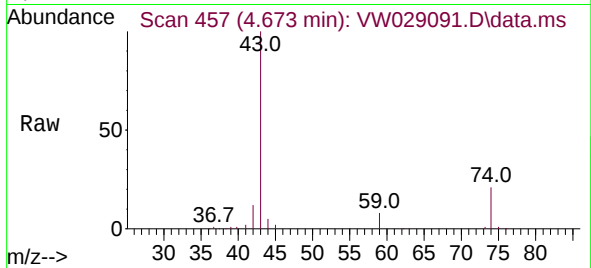




#15
Methyl Acetate
Concen: 24.442 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

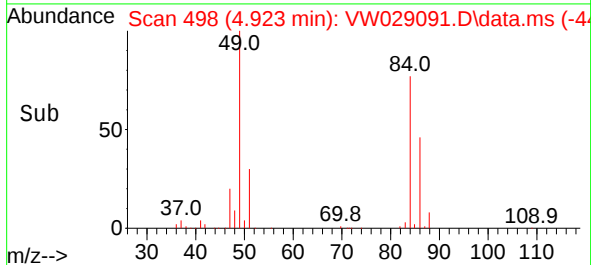
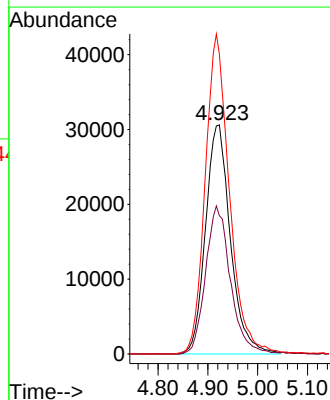
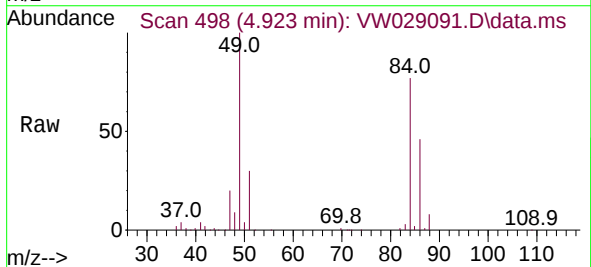
Instrument :
MSVOA_W
ClientSampleId :

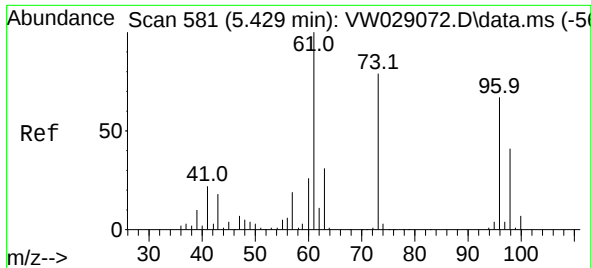
Tgt Ion: 43 Resp: 43829
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2



#16
Methylene chloride
Concen: 22.344 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion: 84 Resp: 106445
Ion Ratio Lower Upper
84 100
86 60.3 43.8 81.4
49 130.7 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 23.259 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

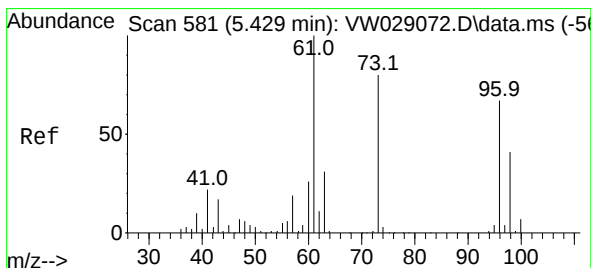
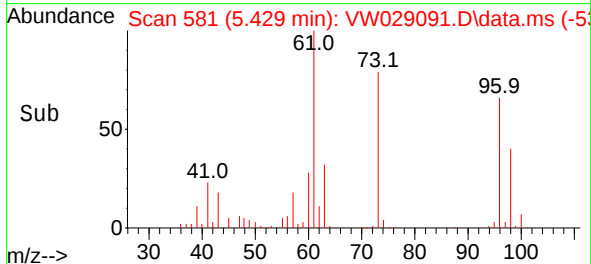
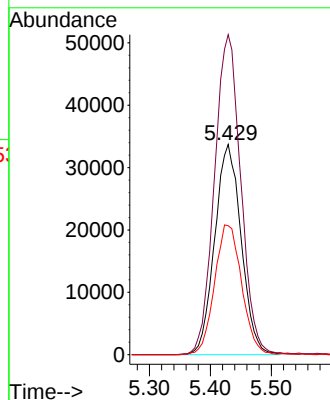
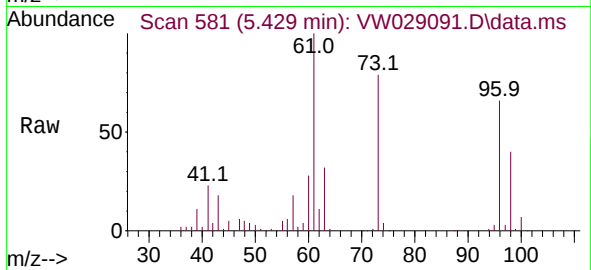
Tgt Ion: 96 Resp: 101744

Ion Ratio Lower Upper

96 100

61 152.2 104.6 194.2

98 61.4 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 23.738 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

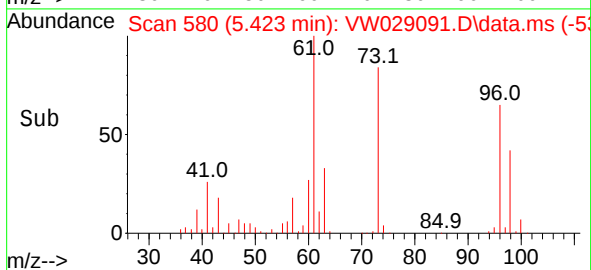
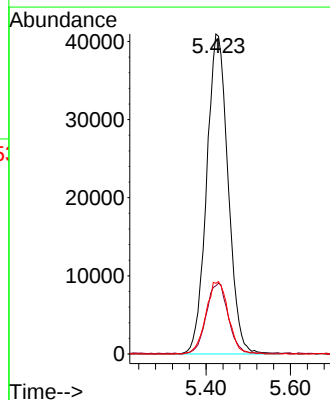
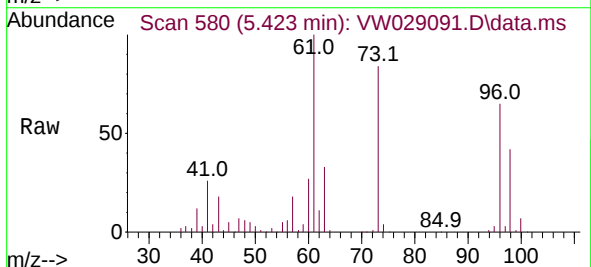
Tgt Ion: 73 Resp: 144801

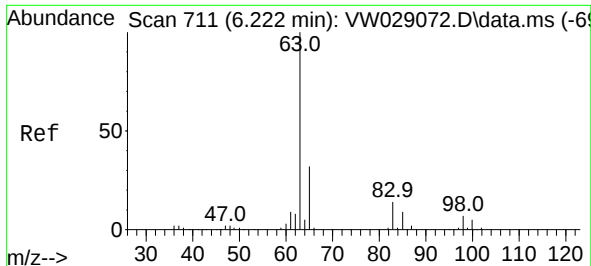
Ion Ratio Lower Upper

73 100

43 22.7 17.8 26.6

57 23.5 18.4 27.6

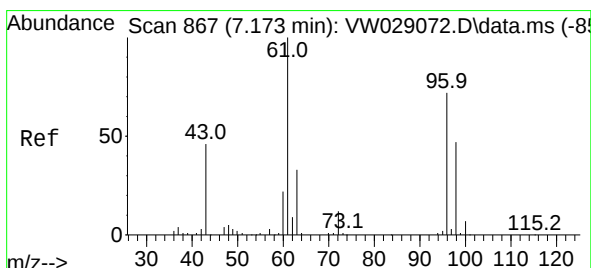
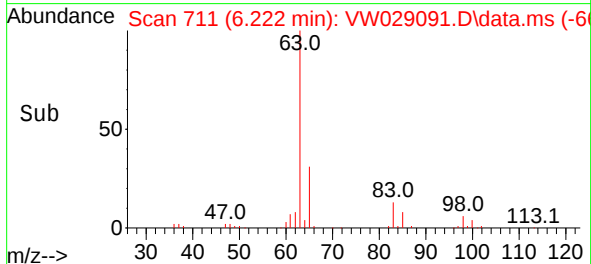
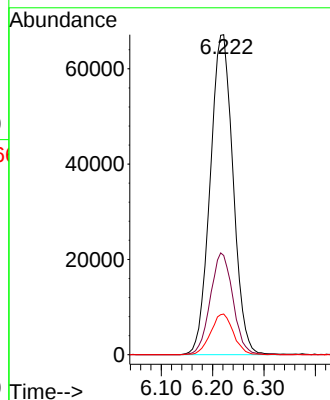
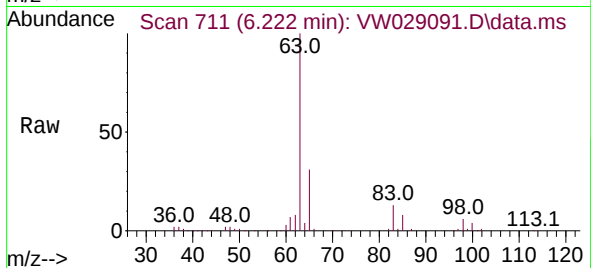




#19
1,1-Dichloroethane
Concen: 24.181 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

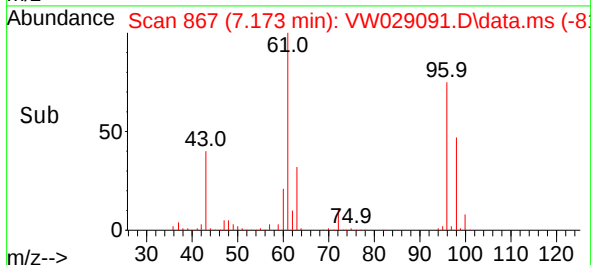
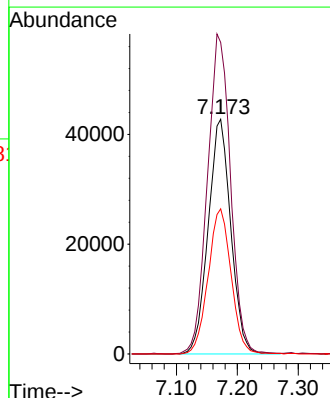
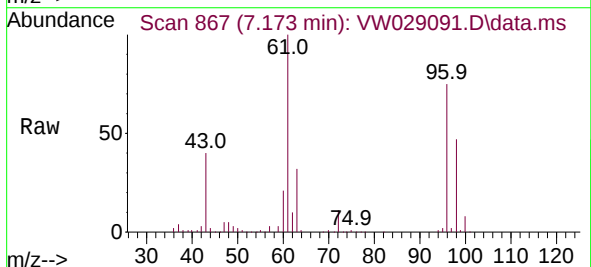
Instrument :
MSVOA_W
ClientSampleId :

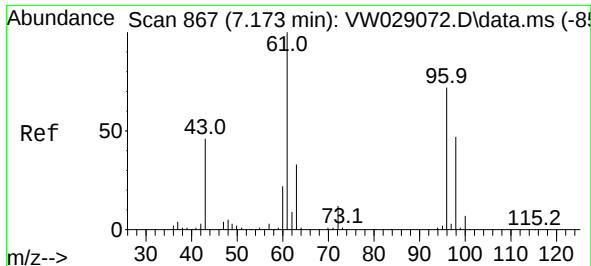
Tgt Ion: 63 Resp: 207965
Ion Ratio Lower Upper
63 100
65 31.0 21.8 40.6
83 12.7 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 24.055 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion: 96 Resp: 110319
Ion Ratio Lower Upper
96 100
61 132.7 92.9 172.5
98 61.8 45.2 84.0





#22

2-Butanone

Concen: 49.523 ug/L

RT: 7.167 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

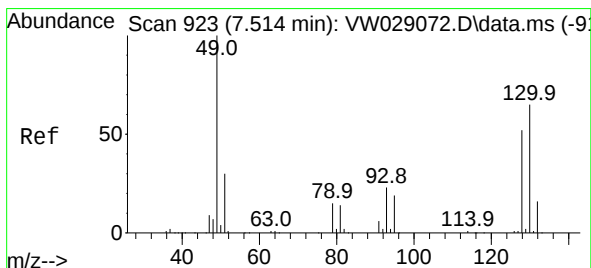
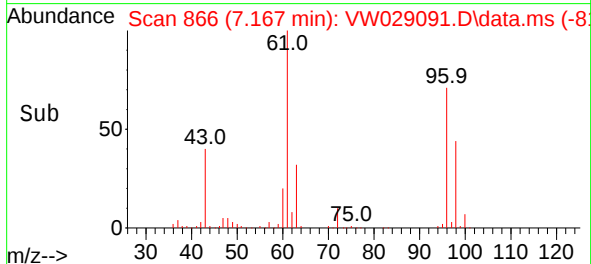
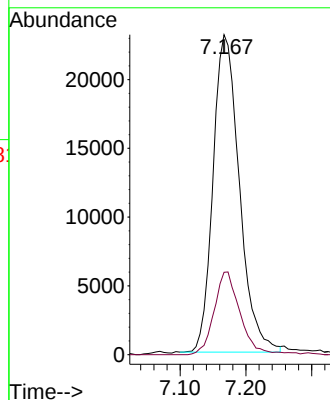
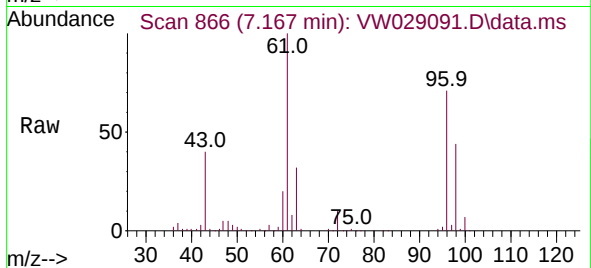
ClientSampleId :

Tgt Ion: 43 Resp: 64430

Ion Ratio Lower Upper

43 100

72 25.2 12.5 37.5



#23

Bromochloromethane

Concen: 23.726 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Tgt Ion: 128 Resp: 47498

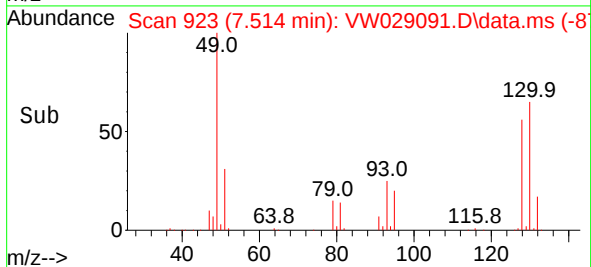
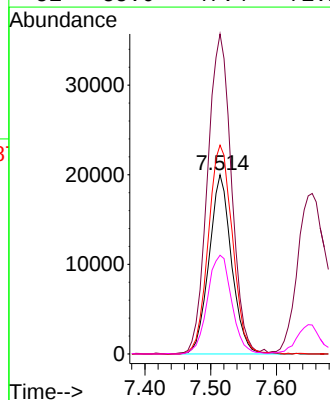
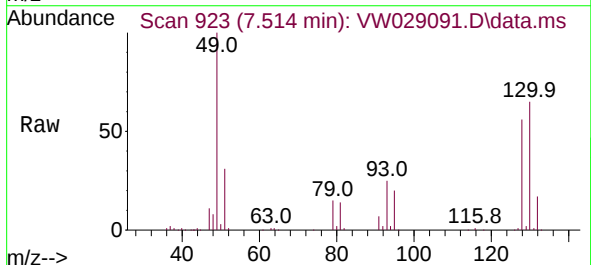
Ion Ratio Lower Upper

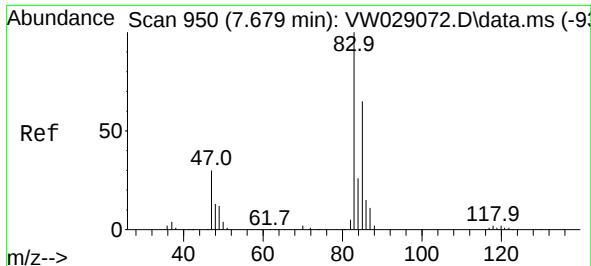
128 100

49 178.5 135.9 252.3

130 116.4 89.0 165.2

51 55.0 47.4 71.2





#25

Chloroform

Concen: 24.057 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

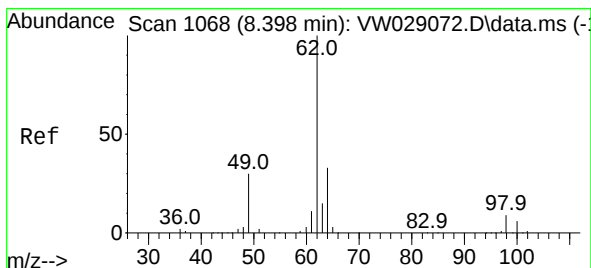
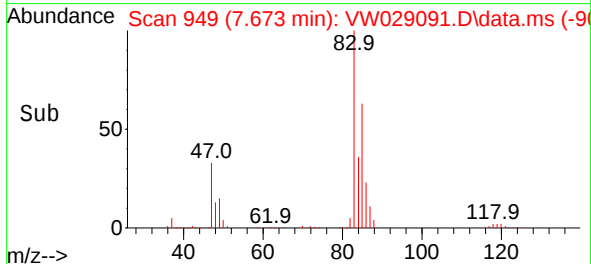
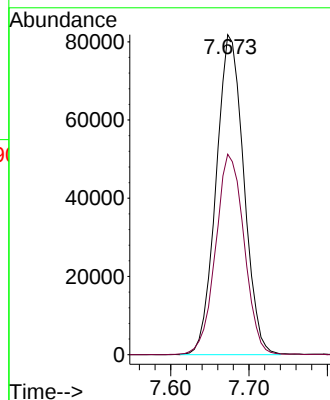
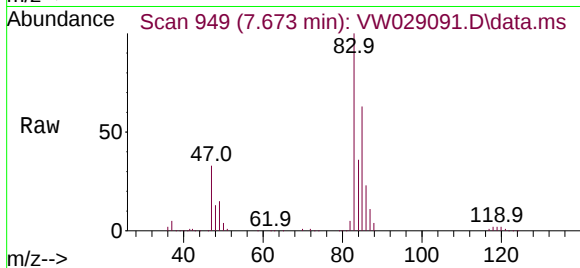
ClientSampleId :

Tgt Ion: 83 Resp: 200949

Ion Ratio Lower Upper

83 100

85 62.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 24.063 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029091.D

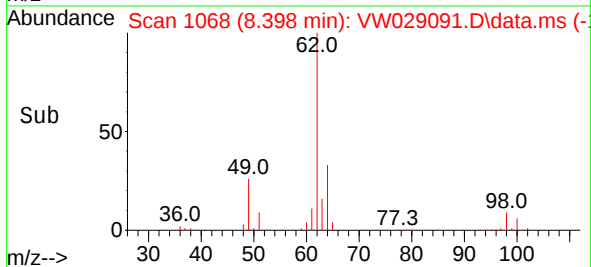
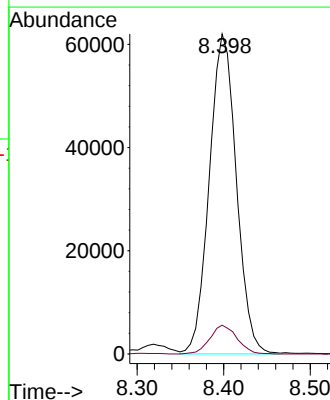
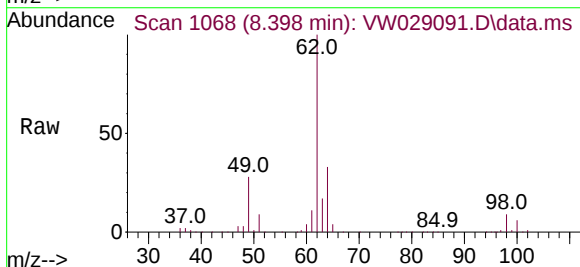
Acq: 11 Jun 2024 10:13

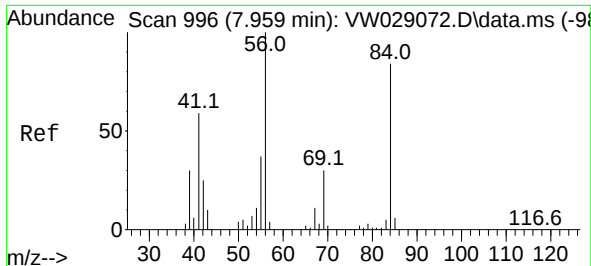
Tgt Ion: 62 Resp: 134698

Ion Ratio Lower Upper

62 100

98 9.0 7.1 10.7





#29

Cyclohexane

Concen: 24.365 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

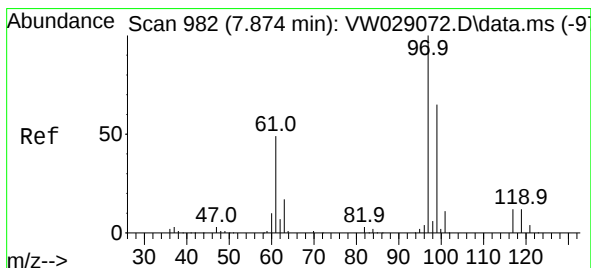
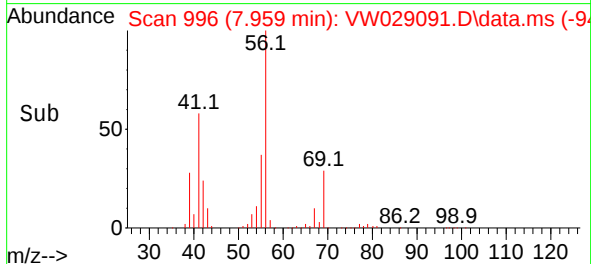
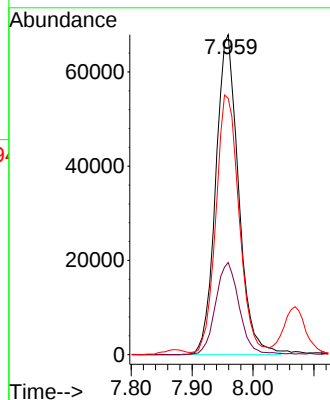
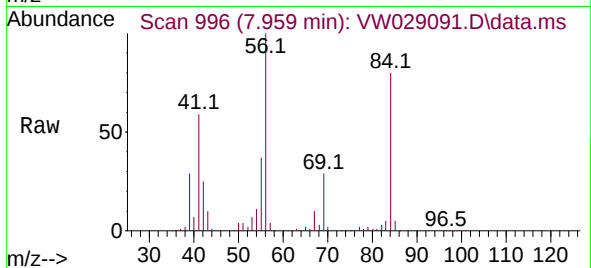
Tgt Ion: 56 Resp: 176312

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.4

84 83.0 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 23.495 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

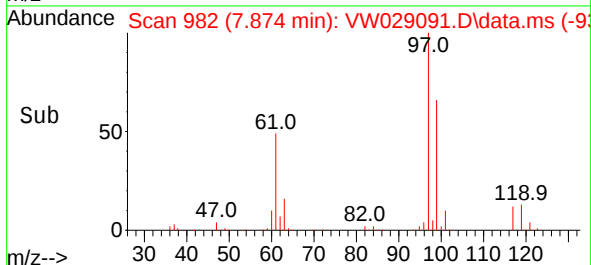
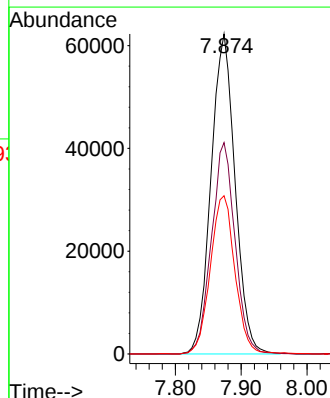
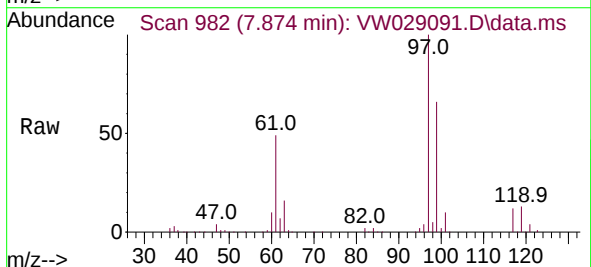
Tgt Ion: 97 Resp: 158434

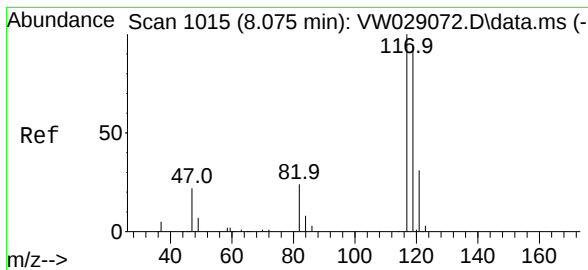
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 50.5 39.6 59.4

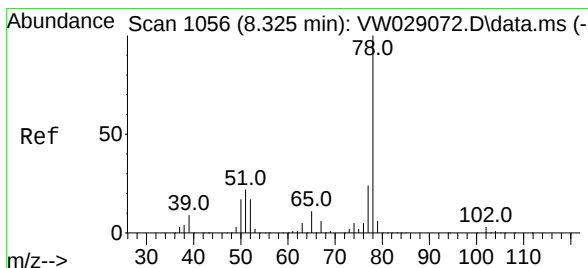
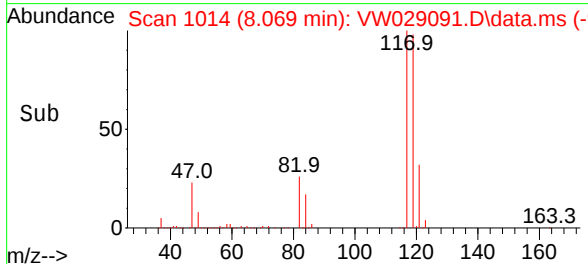
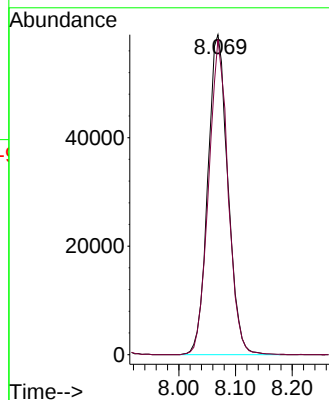
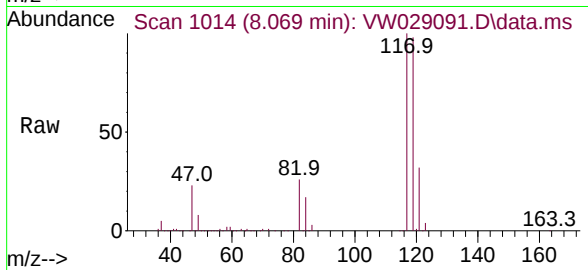




#31
Carbon tetrachloride
Concen: 23.626 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

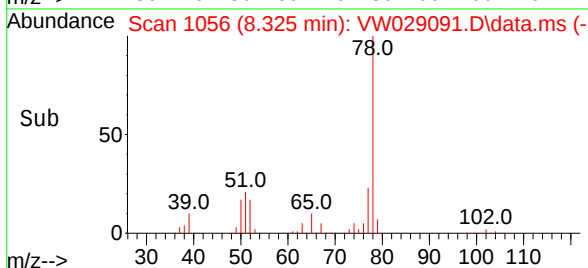
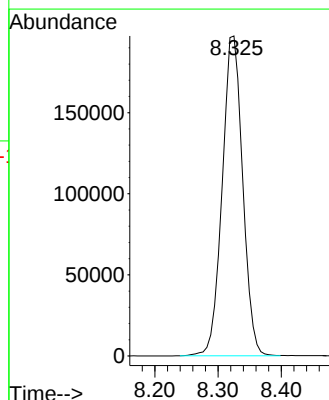
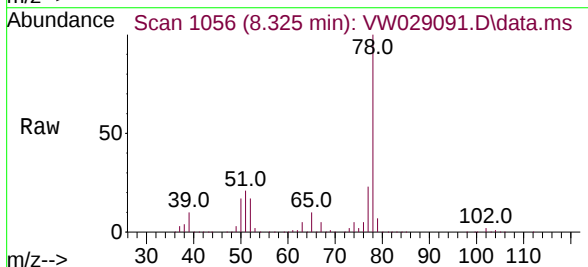
Instrument :
MSVOA_W
ClientSampleId :

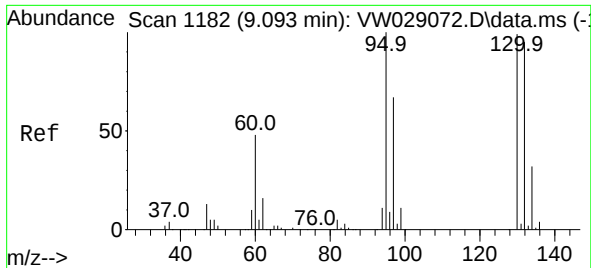
Tgt Ion:117 Resp: 145118
Ion Ratio Lower Upper
117 100
119 95.5 78.8 118.2



#33
Benzene
Concen: 24.425 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion: 78 Resp: 442013

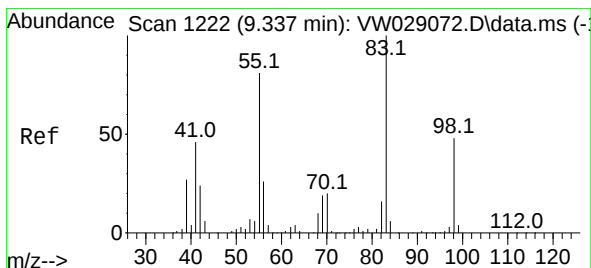
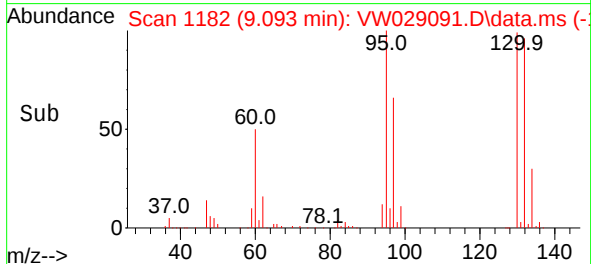
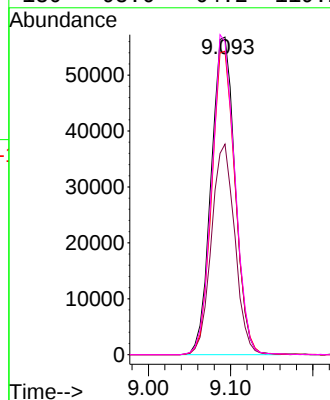
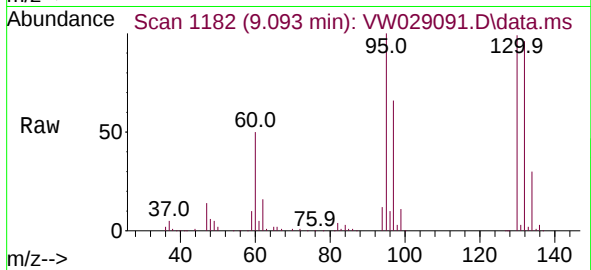




#34
Trichloroethene
Concen: 24.152 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

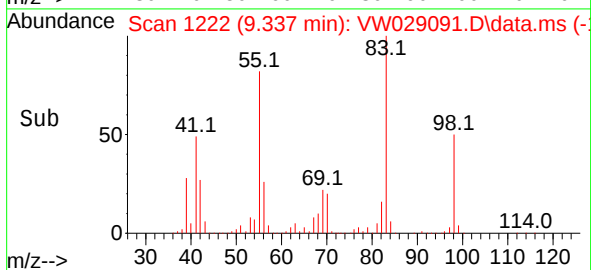
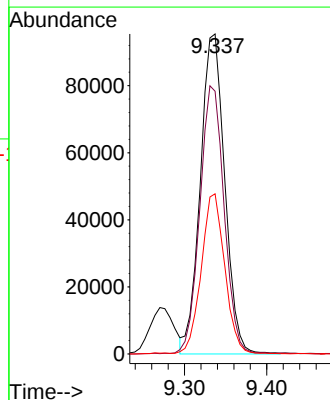
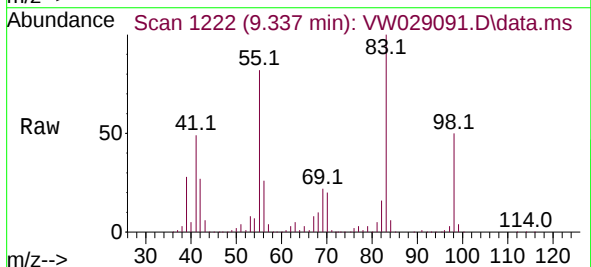
Instrument :
MSVOA_W
ClientSampleId :

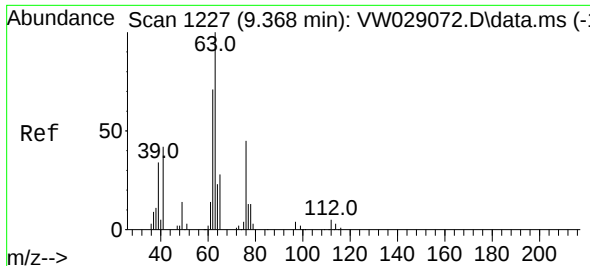
Tgt Ion: 95 Resp: 114908
Ion Ratio Lower Upper
95 100
97 66.3 41.9 77.7
132 95.6 60.1 111.5
130 98.6 64.2 119.2



#35
Methylcyclohexane
Concen: 24.439 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion: 83 Resp: 197248
Ion Ratio Lower Upper
83 100
55 83.2 65.8 98.6
98 48.1 38.4 57.6





#37

1,2-Dichloropropane

Concen: 24.859 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

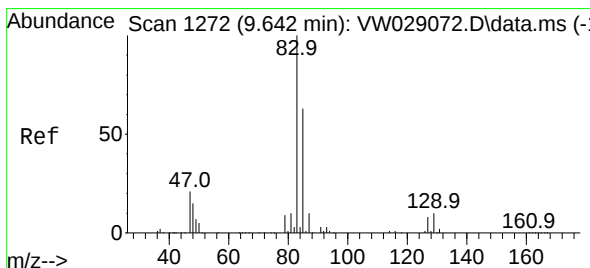
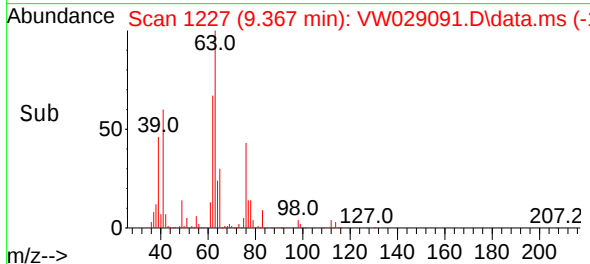
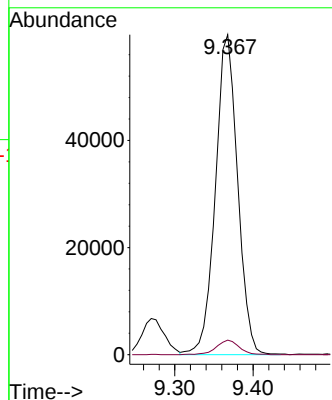
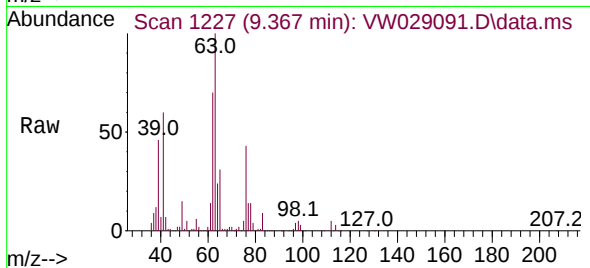
ClientSampleId :

Tgt Ion: 63 Resp: 117807

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 24.058 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

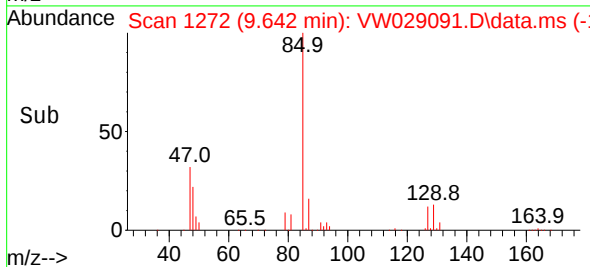
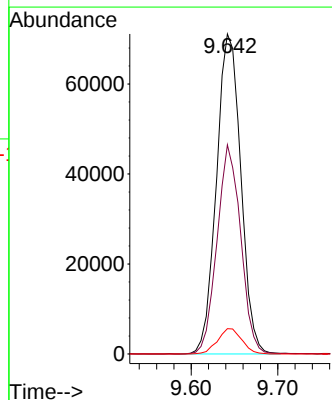
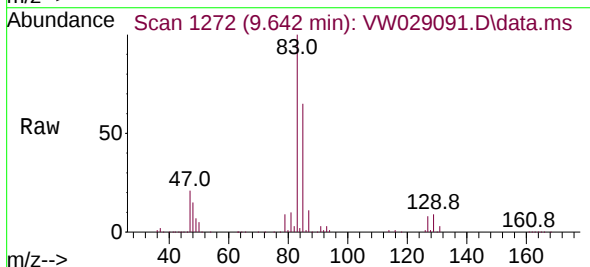
Tgt Ion: 83 Resp: 139048

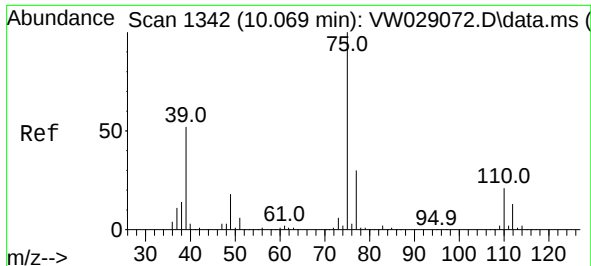
Ion Ratio Lower Upper

83 100

85 65.3 43.9 81.5

127 7.9 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 24.532 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

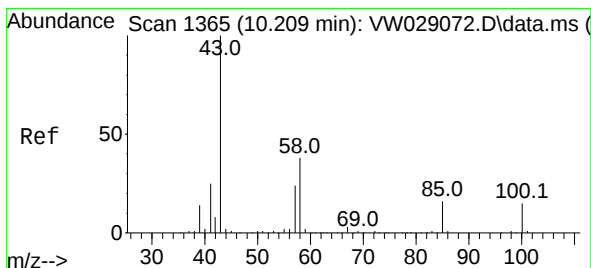
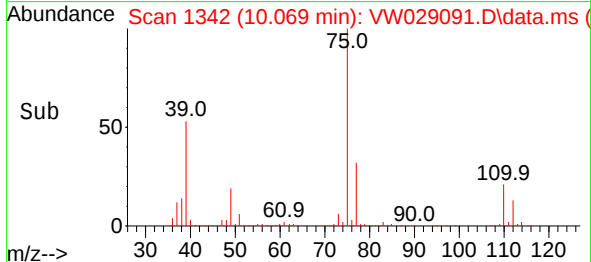
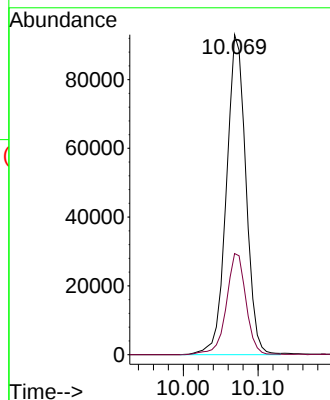
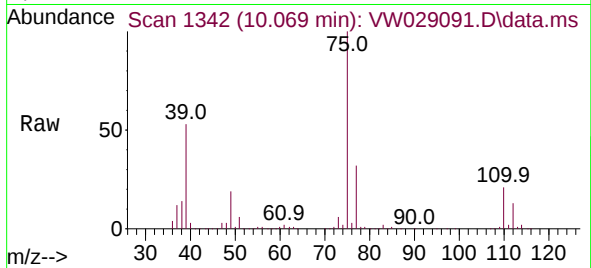
ClientSampleId :

Tgt Ion: 75 Resp: 168957

Ion Ratio Lower Upper

75 100

77 31.6 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 50.729 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

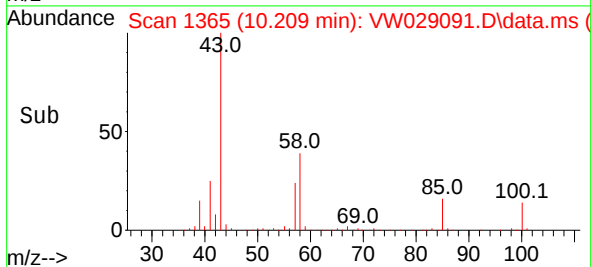
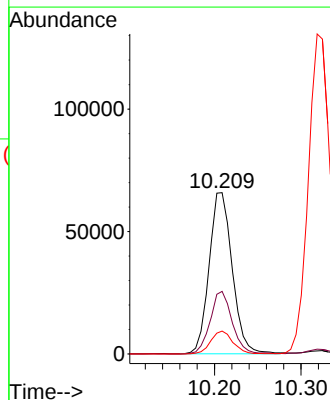
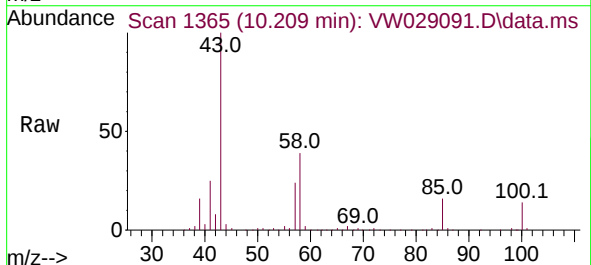
Tgt Ion: 43 Resp: 122281

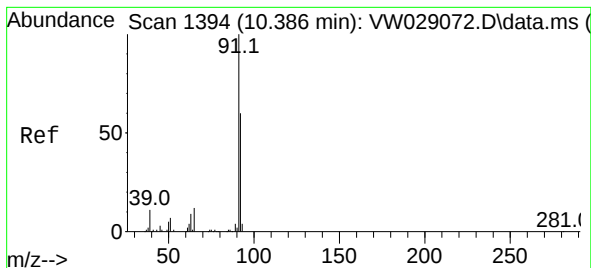
Ion Ratio Lower Upper

43 100

58 36.7 30.3 45.5

100 13.7 10.7 16.1





#42

Toluene

Concen: 25.238 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

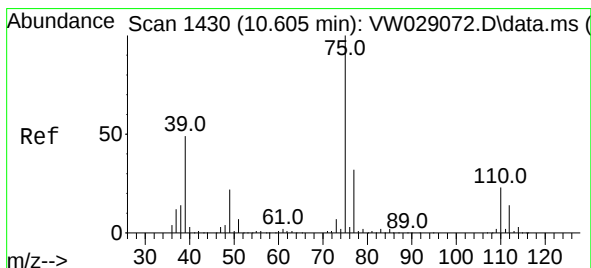
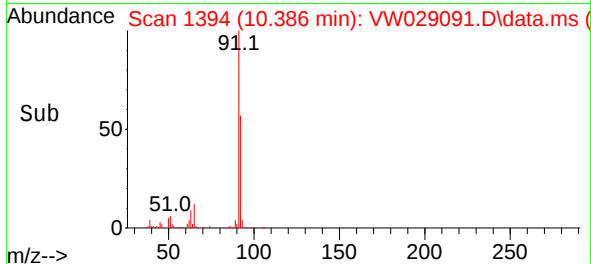
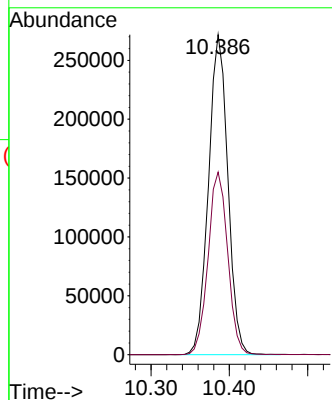
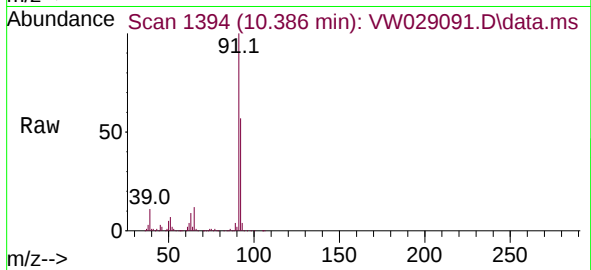
ClientSampleId :

Tgt Ion: 91 Resp: 466578

Ion Ratio Lower Upper

91 100

92 57.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 24.427 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029091.D

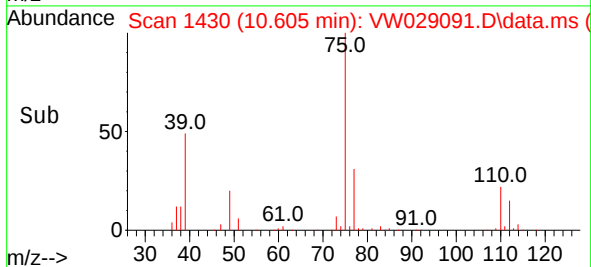
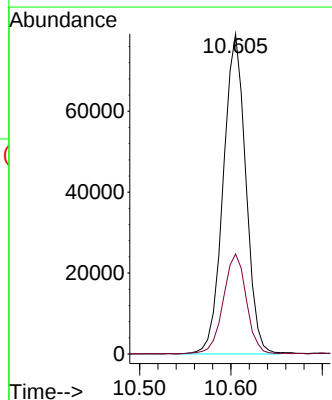
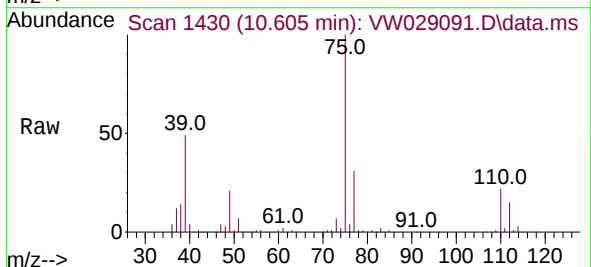
Acq: 11 Jun 2024 10:13

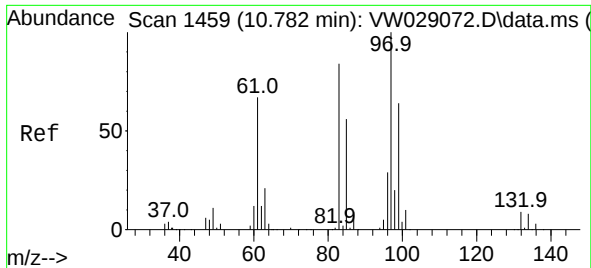
Tgt Ion: 75 Resp: 135624

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.322 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77845

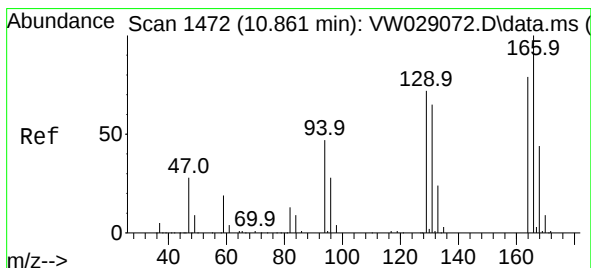
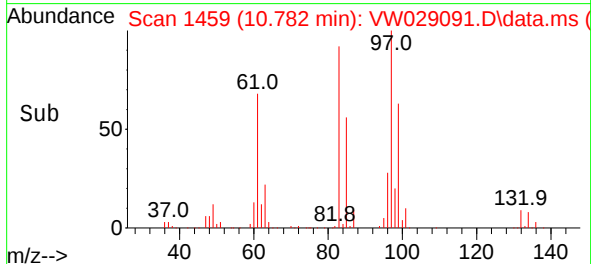
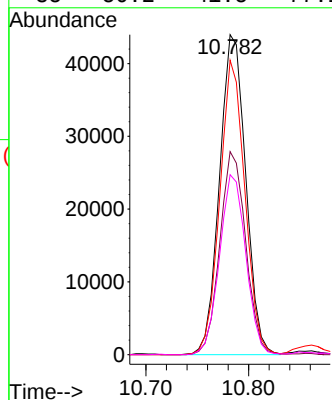
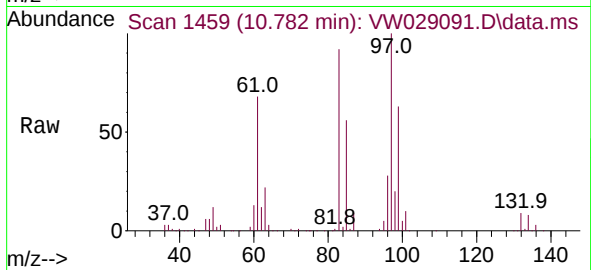
Ion Ratio Lower Upper

97 100

99 63.4 41.8 77.6

83 92.0 62.4 115.8

85 56.2 41.5 77.1



#46

Tetrachloroethene

Concen: 23.356 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Tgt Ion:164 Resp: 84425

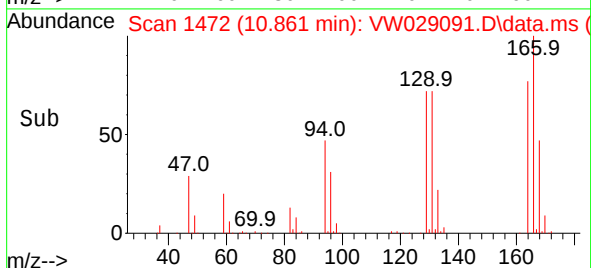
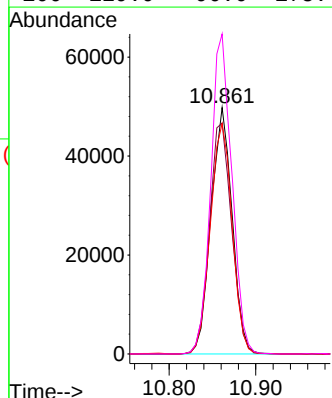
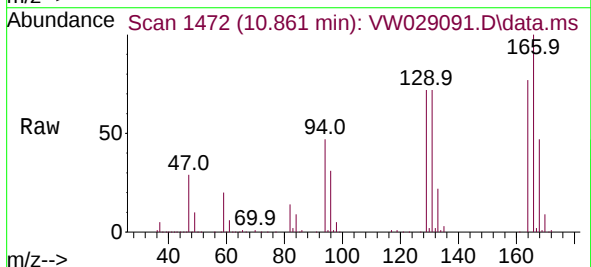
Ion Ratio Lower Upper

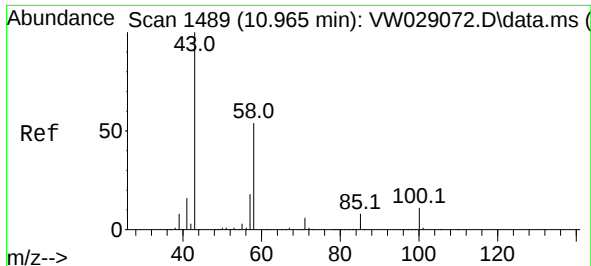
164 100

129 93.7 69.4 128.8

131 93.5 71.0 131.9

166 129.9 96.0 178.4

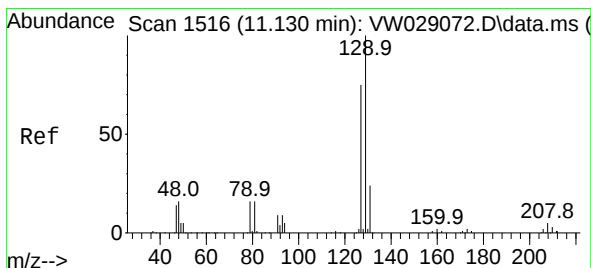
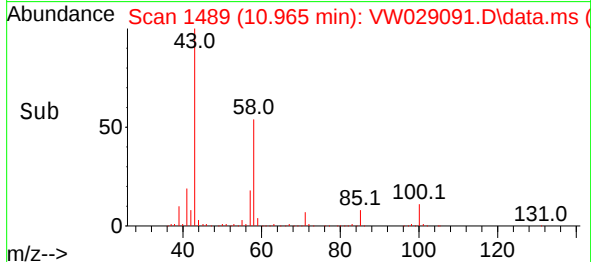
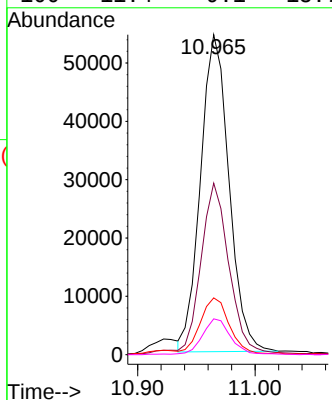
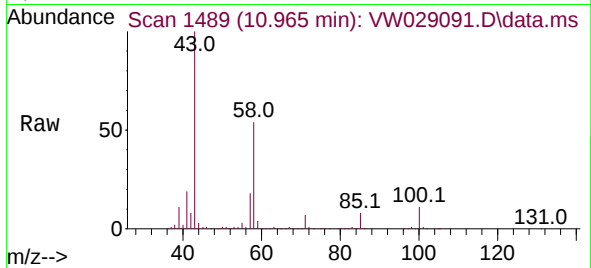




#48
2-Hexanone
Concen: 50.722 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

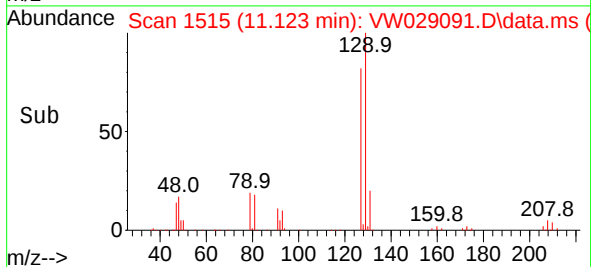
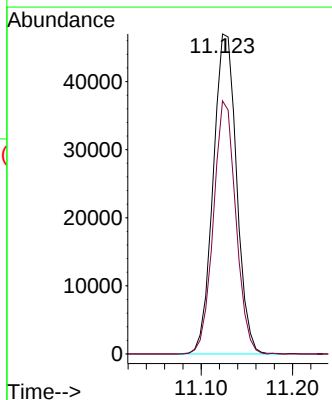
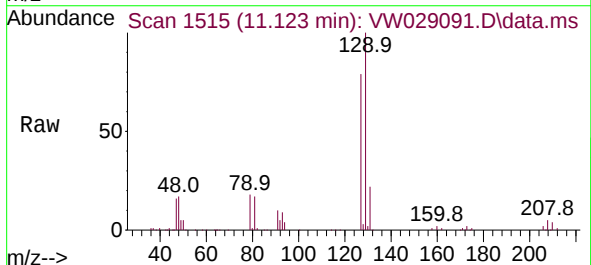
Instrument :
MSVOA_W
ClientSampleId :

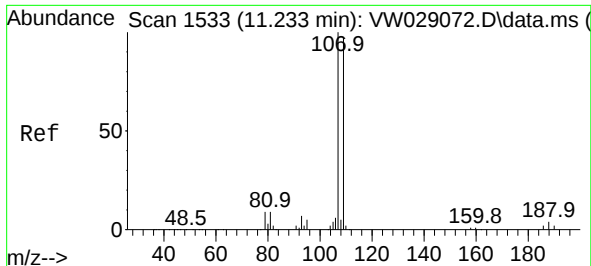
Tgt Ion: 43 Resp: 91667
Ion Ratio Lower Upper
43 100
58 53.6 41.4 62.0
57 18.6 14.2 21.4
100 11.4 9.1 13.7



#49
Dibromochloromethane
Concen: 24.762 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion: 129 Resp: 83710
Ion Ratio Lower Upper
129 100
127 79.1 56.5 104.9





#50

1,2-Dibromoethane

Concen: 24.231 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

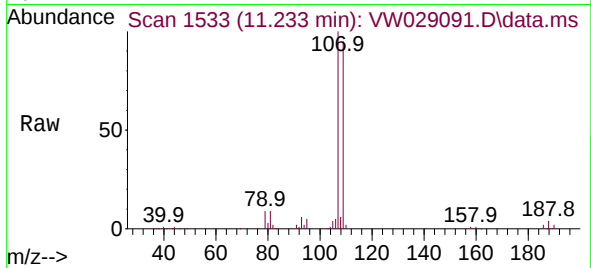
Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :



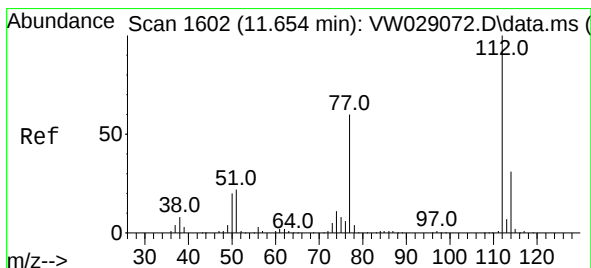
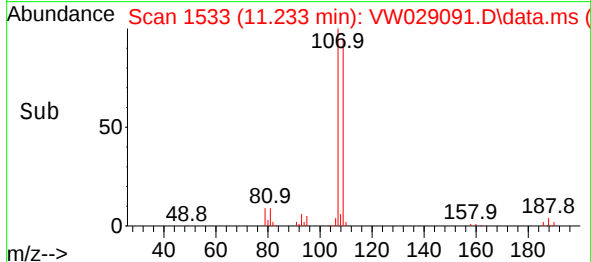
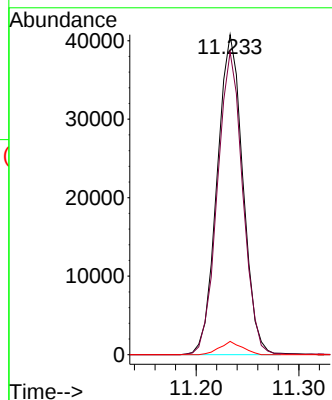
Tgt Ion:107 Resp: 70797

Ion Ratio Lower Upper

107 100

109 94.6 67.9 126.1

188 4.1 3.0 4.4



#51

Chlorobenzene

Concen: 24.146 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

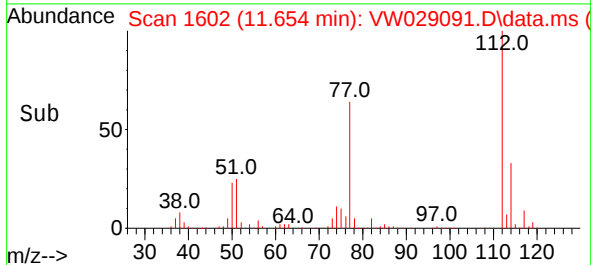
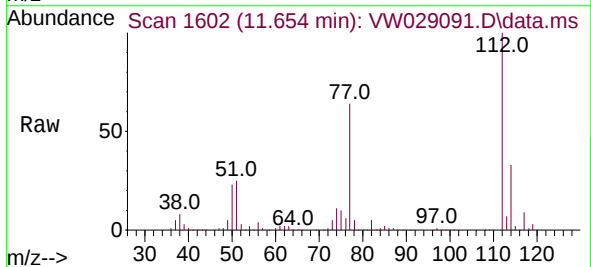
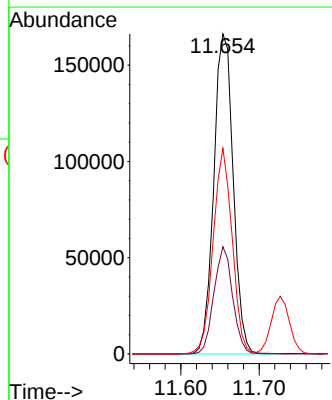
Tgt Ion:112 Resp: 286753

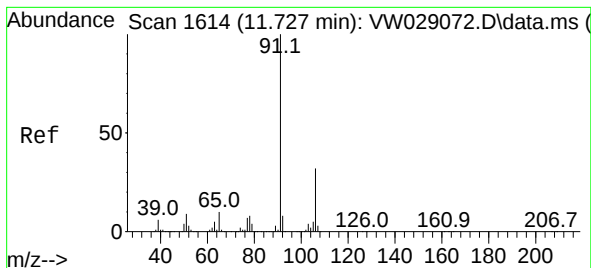
Ion Ratio Lower Upper

112 100

114 33.5 23.7 44.1

77 64.2 51.7 77.5

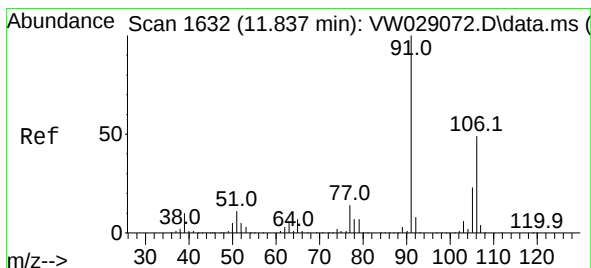
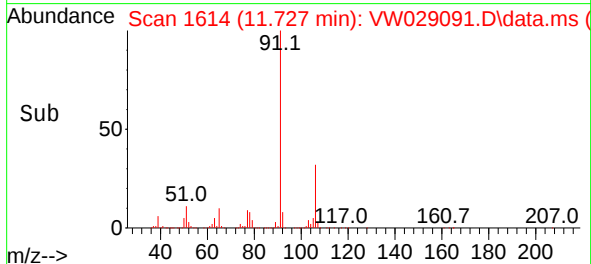
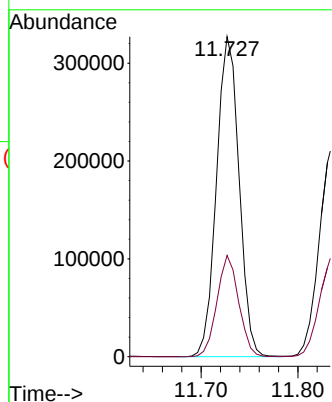
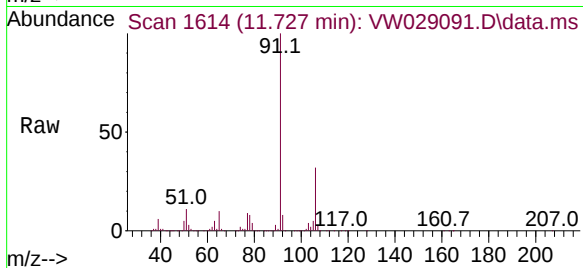




#52
Ethylbenzene
Concen: 25.199 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

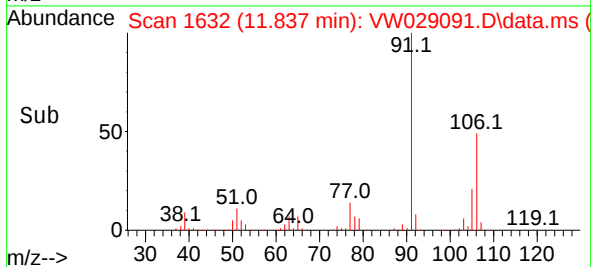
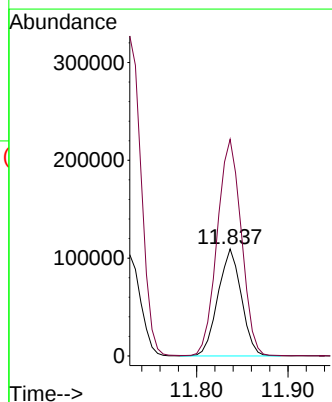
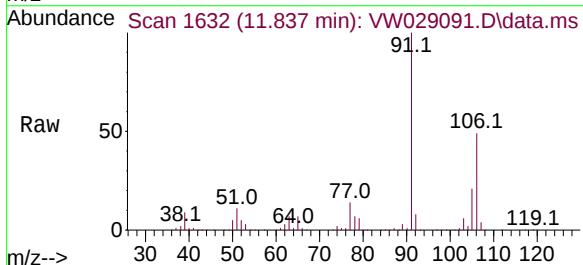
Instrument :
MSVOA_W
ClientSampleId :

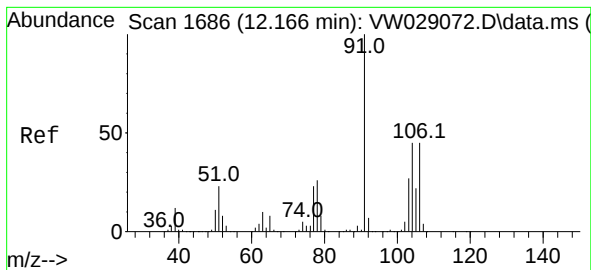
Tgt Ion: 91 Resp: 529299
Ion Ratio Lower Upper
91 100
106 31.7 19.9 37.0



#53
m,p-Xylene
Concen: 25.048 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion:106 Resp: 194873
Ion Ratio Lower Upper
106 100
91 202.3 152.0 282.2

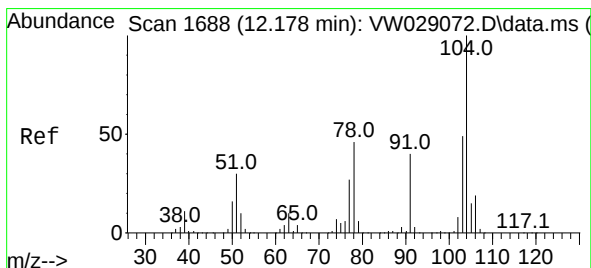
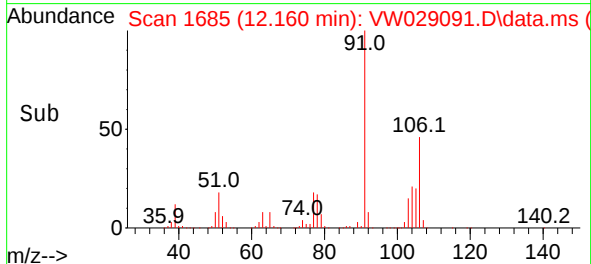
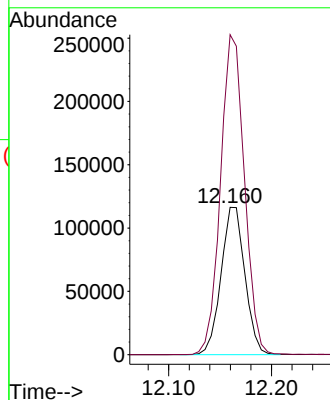
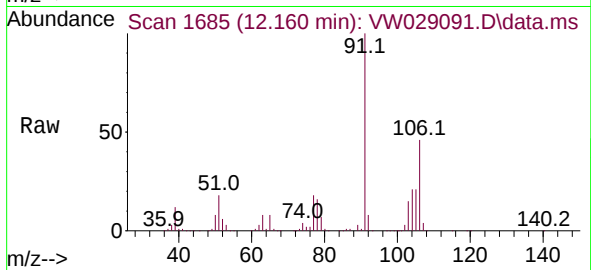




#54
o-Xylene
Concen: 26.016 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

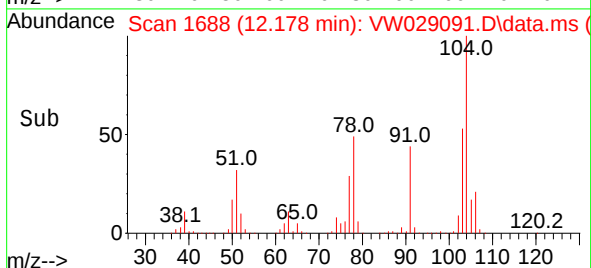
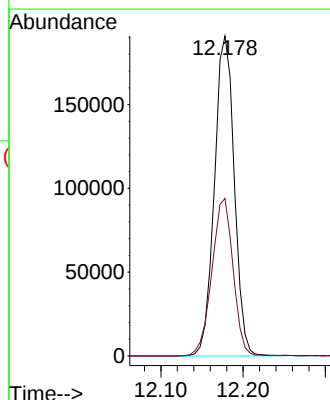
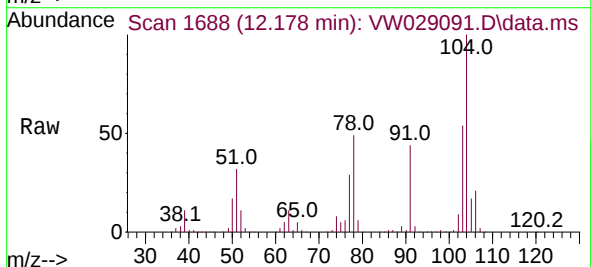
Instrument :
MSVOA_W
ClientSampleId :

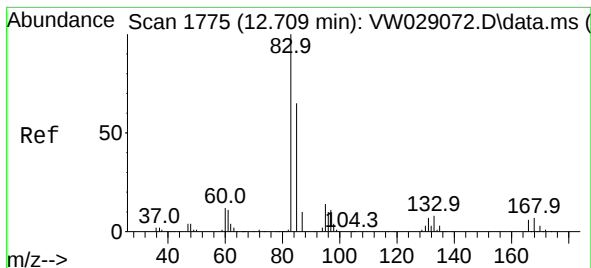
Tgt Ion:106 Resp: 187415
Ion Ratio Lower Upper
106 100
91 217.2 152.5 283.3



#55
Styrene
Concen: 25.794 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion:104 Resp: 320360
Ion Ratio Lower Upper
104 100
78 49.2 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.409 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

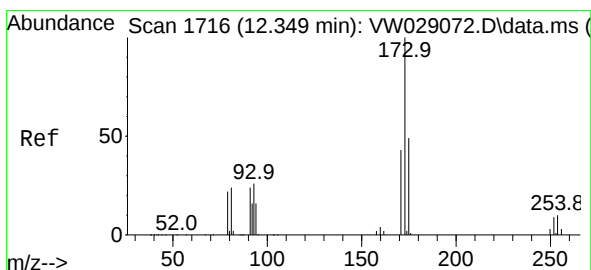
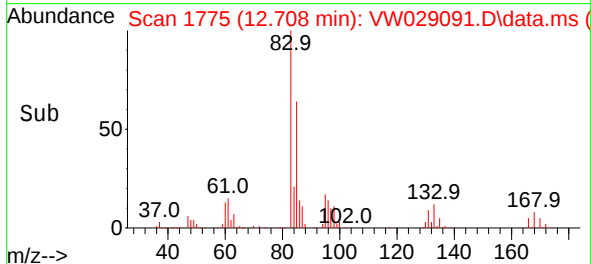
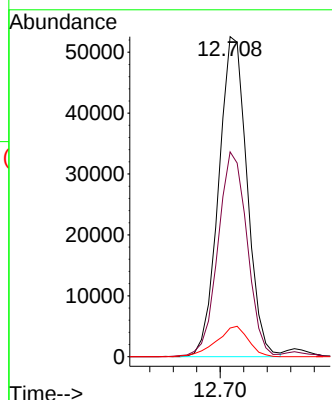
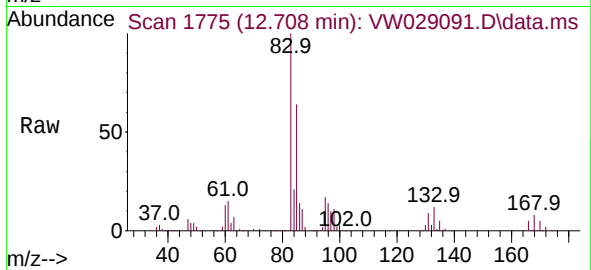
Tgt Ion: 83 Resp: 88193

Ion Ratio Lower Upper

83 100

85 64.0 43.8 81.3

131 9.0 7.3 10.9



#59

Bromoform

Concen: 22.802 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

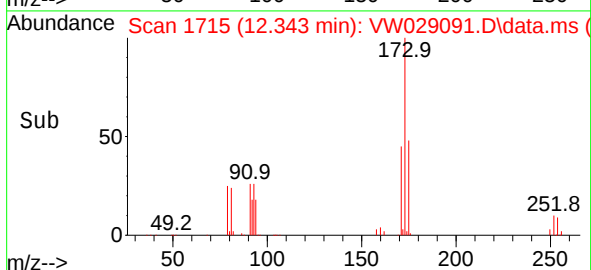
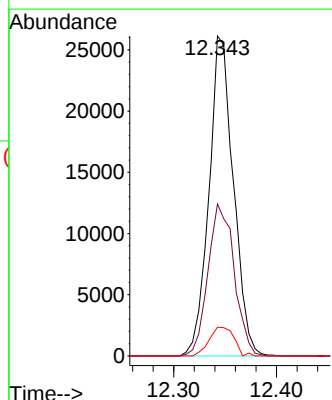
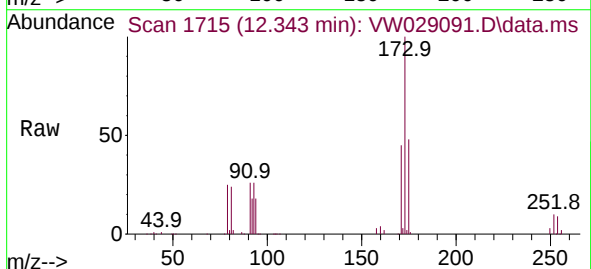
Tgt Ion:173 Resp: 43178

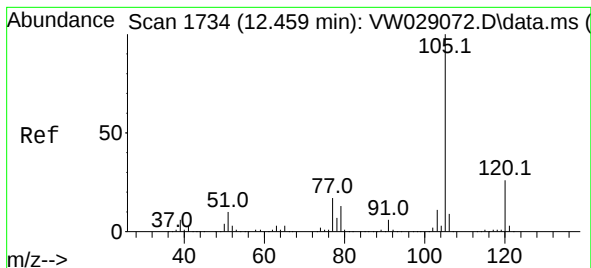
Ion Ratio Lower Upper

173 100

175 50.8 38.1 57.1

254 8.9 8.2 12.2





#60

Isopropylbenzene

Concen: 24.485 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

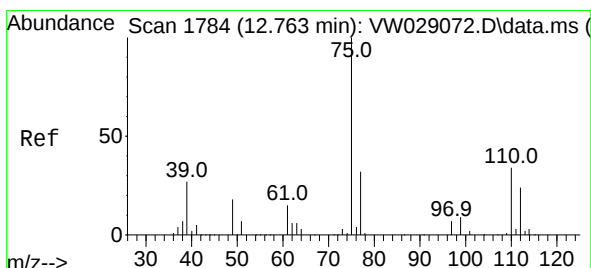
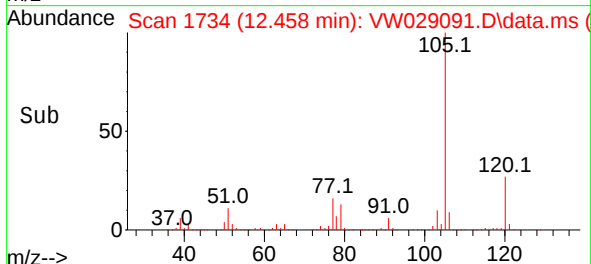
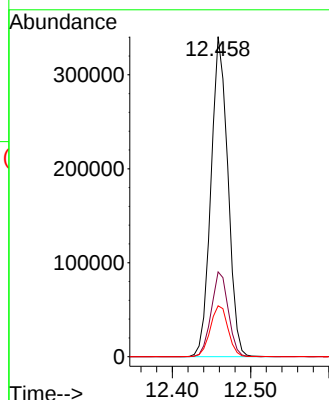
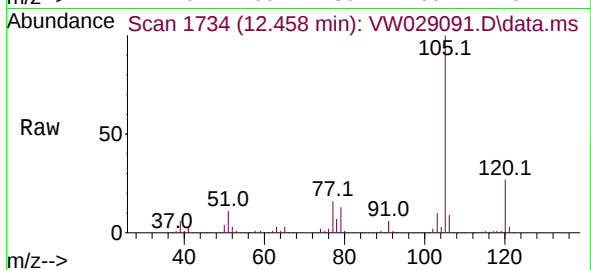
Tgt Ion:105 Resp: 510291

Ion Ratio Lower Upper

105 100

120 26.6 20.7 31.1

77 16.6 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 23.220 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

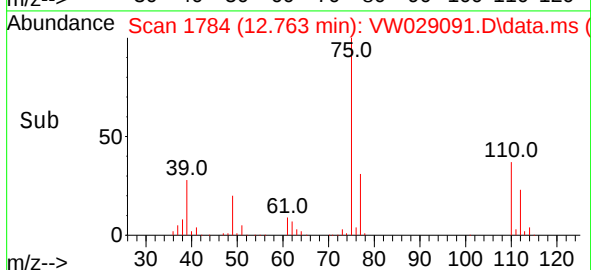
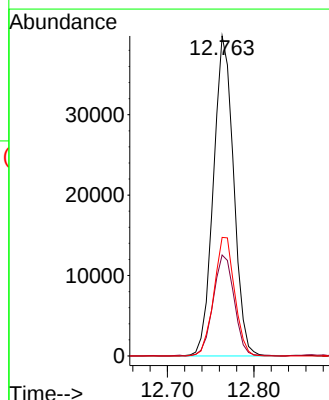
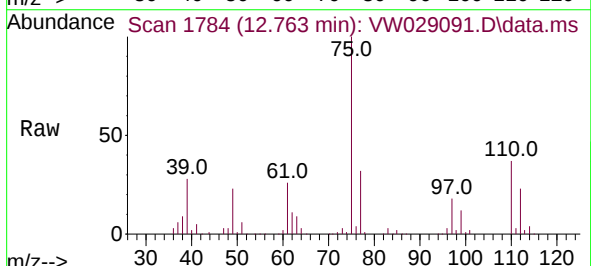
Tgt Ion: 75 Resp: 64501

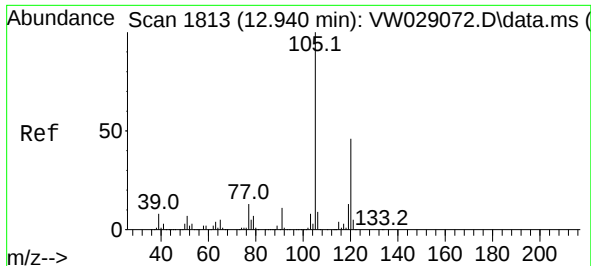
Ion Ratio Lower Upper

75 100

77 32.8 26.3 39.5

110 37.9 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 25.290 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

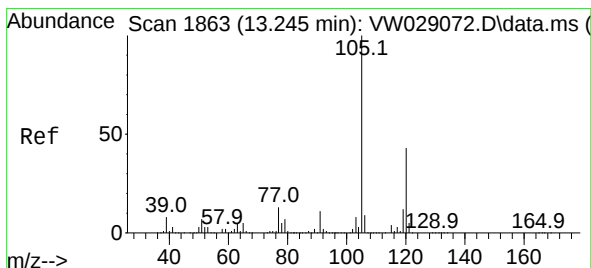
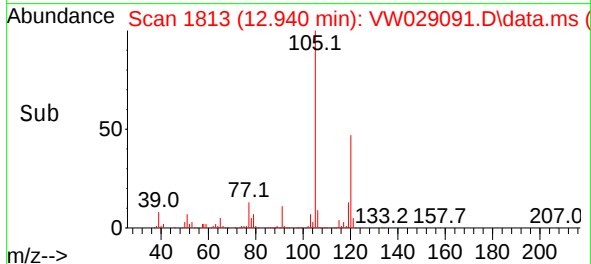
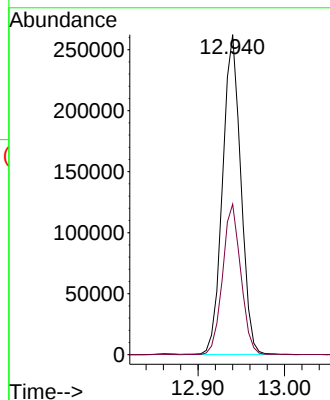
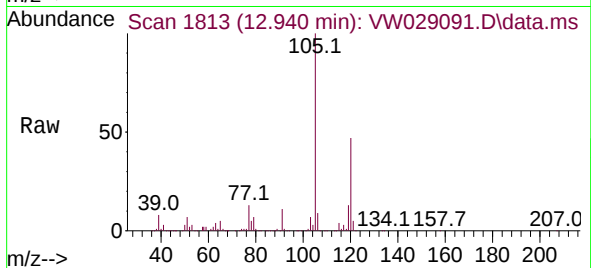
ClientSampleId :

Tgt Ion:105 Resp: 383346

Ion Ratio Lower Upper

105 100

120 47.0 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 25.569 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029091.D

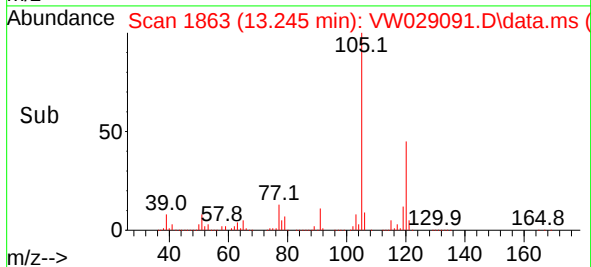
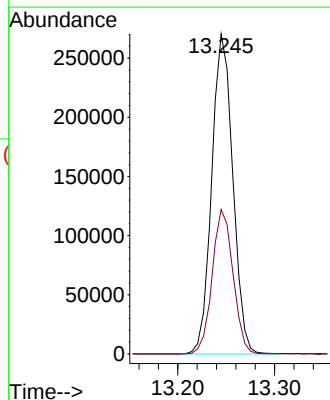
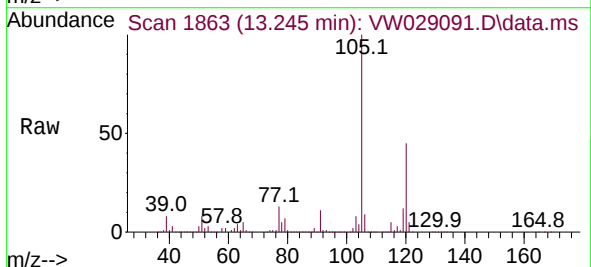
Acq: 11 Jun 2024 10:13

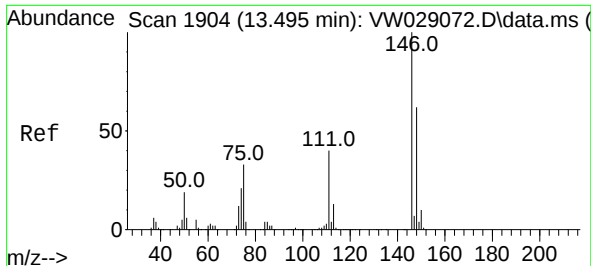
Tgt Ion:105 Resp: 409605

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 23.928 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

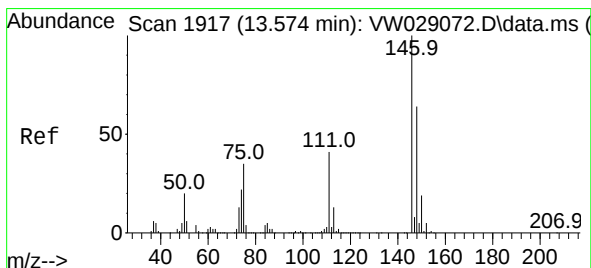
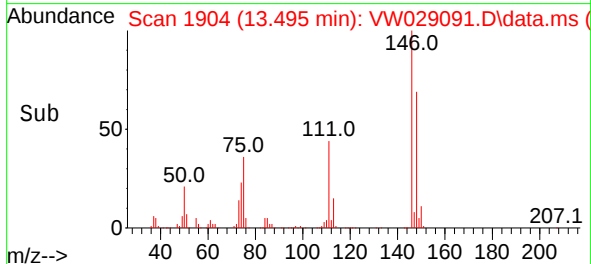
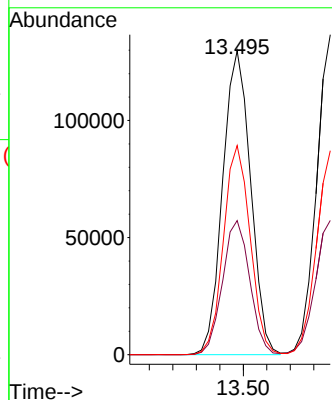
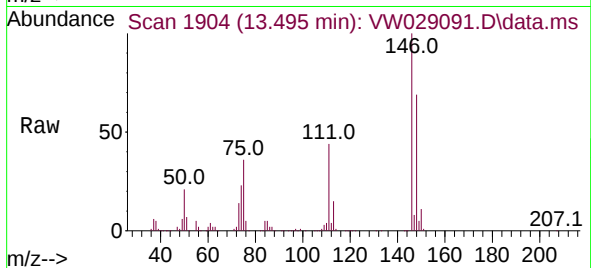
Tgt Ion:146 Resp: 214306

Ion Ratio Lower Upper

146 100

111 44.1 29.4 54.6

148 68.8 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 23.472 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

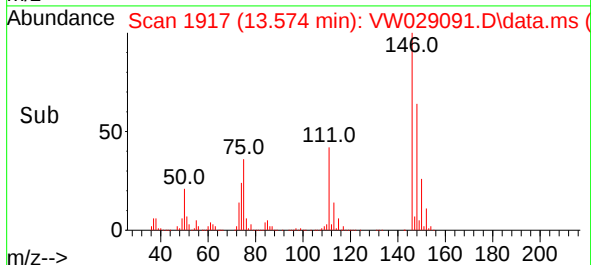
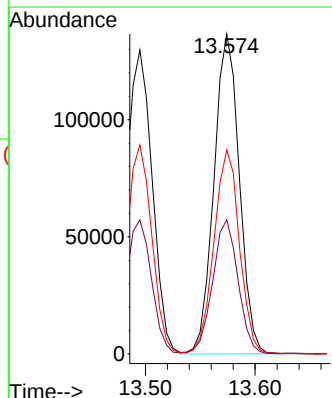
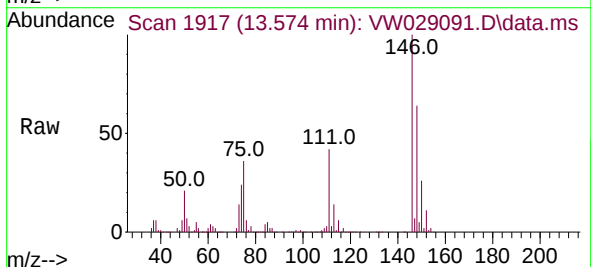
Tgt Ion:146 Resp: 219561

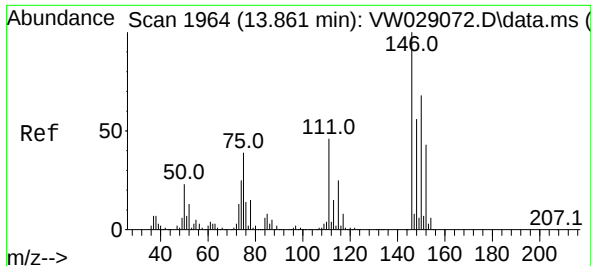
Ion Ratio Lower Upper

146 100

111 42.0 27.5 51.1

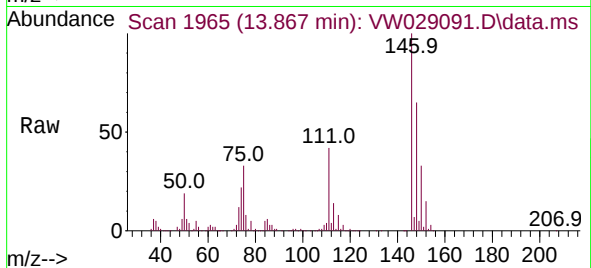
148 63.8 39.5 73.3



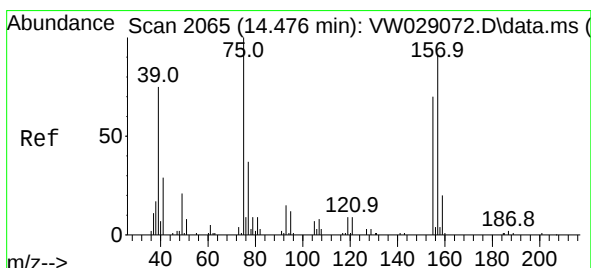
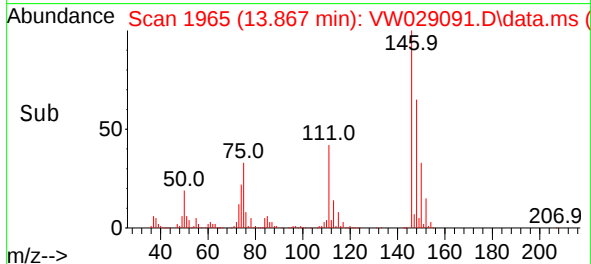
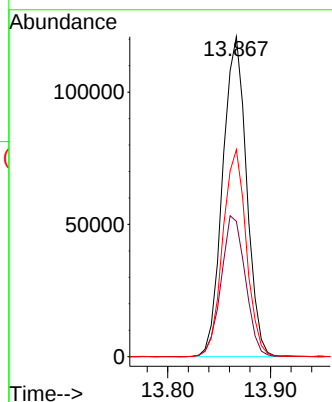


#67
1,2-Dichlorobenzene
Concen: 24.343 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Instrument :
MSVOA_W
ClientSampleId :

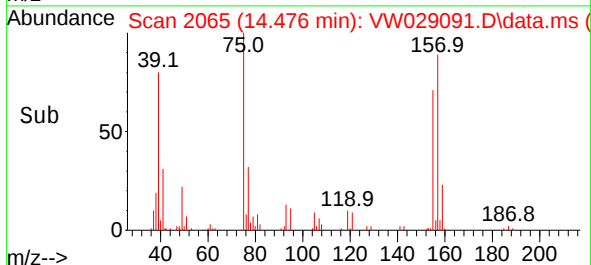
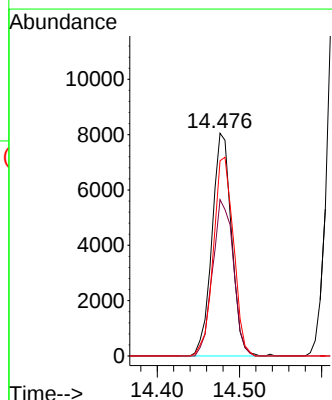
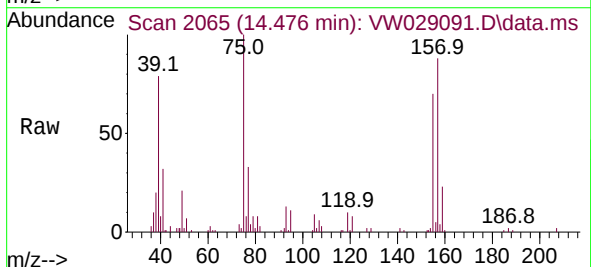


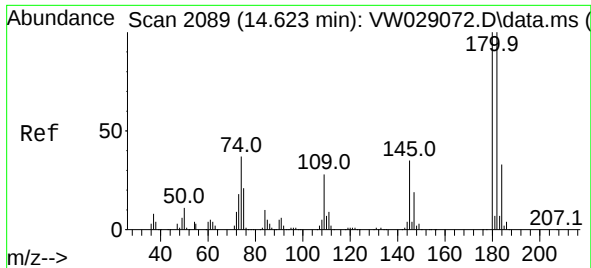
Tgt Ion:146 Resp: 195404
Ion Ratio Lower Upper
146 100
111 42.3 32.8 49.2
148 64.7 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 22.486 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029091.D
Acq: 11 Jun 2024 10:13

Tgt Ion: 75 Resp: 13313
Ion Ratio Lower Upper
75 100
155 70.2 52.3 78.5
157 87.6 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 23.975 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

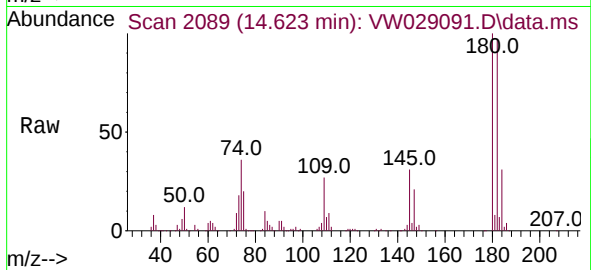
Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 147432

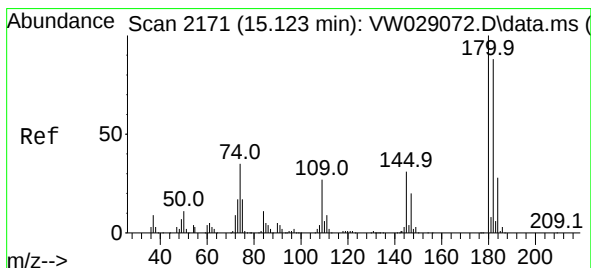
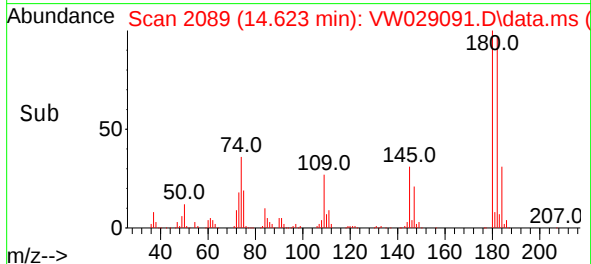
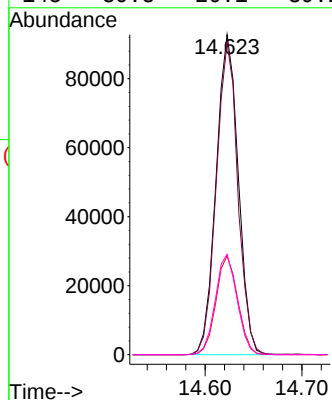
Ion Ratio Lower Upper

180 100

182 94.9 77.4 116.0

184 30.3 24.6 36.8

145 30.8 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 23.279 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

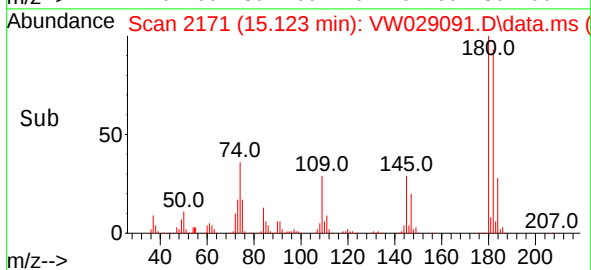
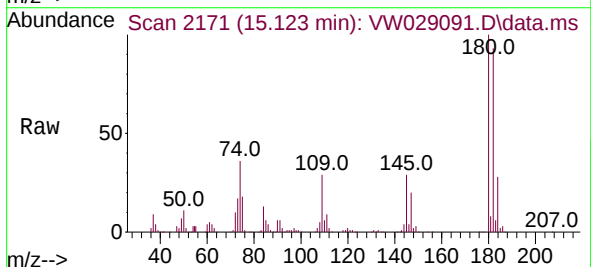
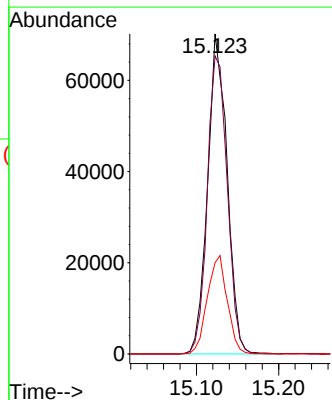
Tgt Ion:180 Resp: 116019

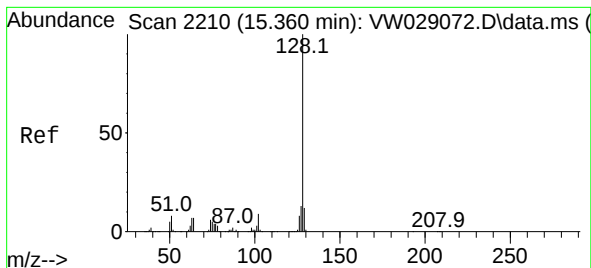
Ion Ratio Lower Upper

180 100

182 95.1 75.3 112.9

145 31.4 26.2 39.2





#71

Naphthalene

Concen: 25.381 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

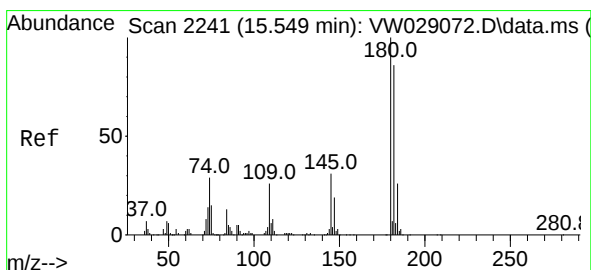
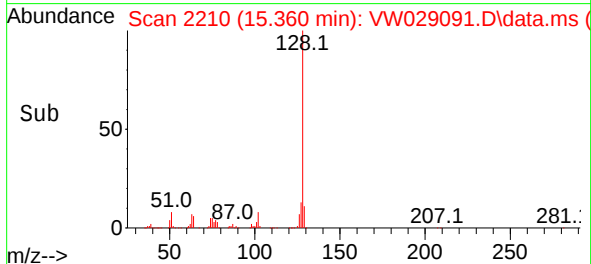
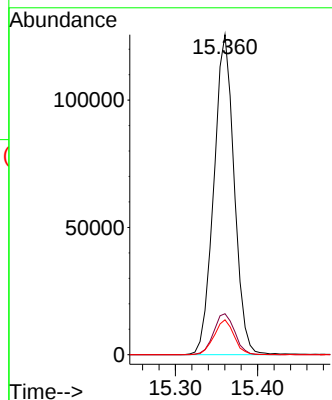
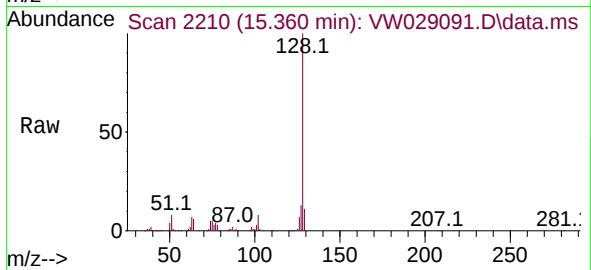
Tgt Ion:128 Resp: 215531

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.639 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029091.D

Acq: 11 Jun 2024 10:13

Tgt Ion:180 Resp: 104918

Ion Ratio Lower Upper

180 100

182 98.3 75.4 113.0

145 34.5 26.6 39.8

