

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061024\
 Data File : VW029089.D
 Acq On : 10 Jun 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 11 01:23:30 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	314264	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288421	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	144717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	94800	18.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.960%
7) Chloroethane-d5	2.899	69	76719	20.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	4.021	65	43313	19.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.960%
21) 2-Butanone-d5	7.075	46	57593	56.461	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.920%
24) Chloroform-d	7.648	84	198877	22.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.720%
26) 1,2-Dichloroethane-d4	8.307	65	106844	22.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.560%
32) Benzene-d6	8.276	84	385861	21.797	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.270	67	121433	22.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	10.325	98	348157	22.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.160%
43) trans-1,3-Dichloroprop...	10.575	79	46724	22.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.922	63	42654	60.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99261	26.621	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	115097	22.412	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71293	19.867	ug/L	94
3) Chloromethane	2.222	50	92761	21.158	ug/L	100
5) Vinyl chloride	2.375	62	113067	21.306	ug/L	98
6) Bromomethane	2.789	94	66457	20.901	ug/L	93
8) Chloroethane	2.936	64	70235	21.915	ug/L	98
9) Trichlorofluoromethane	3.265	101	99183	22.483	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	101044	23.214	ug/L	94
12) 1,1-Dichloroethene	4.045	96	93249	23.474	ug/L	94
13) Acetone	4.118	43	65176	60.971	ug/L	98
14) Carbon disulfide	4.393	76	296354	22.036	ug/L	99
15) Methyl Acetate	4.673	43	50639	28.522	ug/L	100
16) Methylene chloride	4.923	84	116325	24.663	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	101639	23.467	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	163347	27.046	ug/L	99
19) 1,1-Dichloroethane	6.222	63	203812	23.935	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	111599	24.578	ug/L	96
22) 2-Butanone	7.173	43	77910	60.484	ug/L	98
23) Bromochloromethane	7.514	128	46531	23.476	ug/L	98
25) Chloroform	7.673	83	196589	23.771	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 01:19:14 2024
 Response via : Initial Calibration

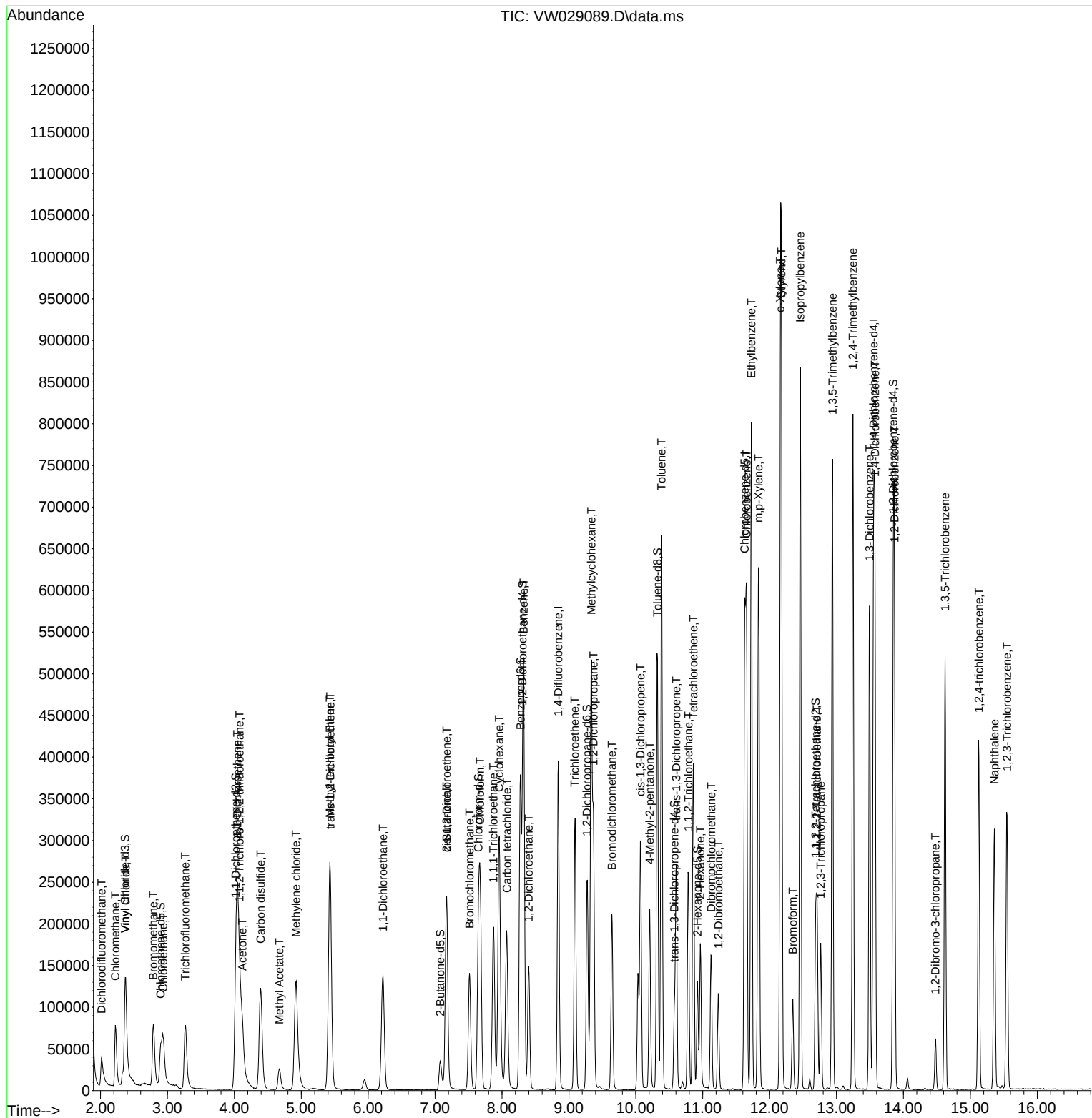
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136756	24.675	ug/L	99
29) Cyclohexane	7.959	56	182312	25.423	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	158498	23.718	ug/L	100
31) Carbon tetrachloride	8.075	117	144268	23.701	ug/L	98
33) Benzene	8.325	78	446208	24.881	ug/L	100
34) Trichloroethene	9.087	95	116277	24.662	ug/L	98
35) Methylcyclohexane	9.337	83	199179	24.903	ug/L	99
37) 1,2-Dichloropropane	9.367	63	120637	25.687	ug/L	99
38) Bromodichloromethane	9.642	83	140287	24.493	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	174701	25.597	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	146434	61.302	ug/L	99
42) Toluene	10.386	91	468717	25.584	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	145102	26.371	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	82325	25.956	ug/L	95
46) Tetrachloroethene	10.861	164	88820	24.795	ug/L	88
48) 2-Hexanone	10.965	43	112962	63.073	ug/L	98
49) Dibromochloromethane	11.129	129	84656	25.270	ug/L	91
50) 1,2-Dibromoethane	11.233	107	76300	26.352	ug/L #	96
51) Chlorobenzene	11.654	112	292367	24.842	ug/L	94
52) Ethylbenzene	11.727	91	532701	25.591	ug/L	96
53) m,p-Xylene	11.837	106	198146	25.700	ug/L	91
54) o-Xylene	12.160	106	184737	25.877	ug/L	98
55) Styrene	12.178	104	318308	25.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	99414	27.765	ug/L	98
59) Bromoform	12.349	173	49473	26.586	ug/L	99
60) Isopropylbenzene	12.458	105	525742	25.670	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73393	26.886	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	395585	26.556	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	421137	26.751	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	224487	25.506	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	227306	24.728	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	190787	24.185	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15414	26.492	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	152127	25.174	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	126715	25.872	ug/L	99
71) Naphthalene	15.360	128	253984	30.436	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	111653	26.682	ug/L	99

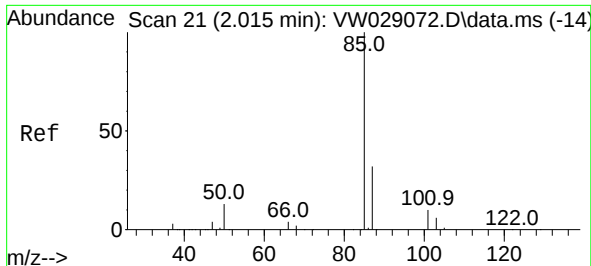
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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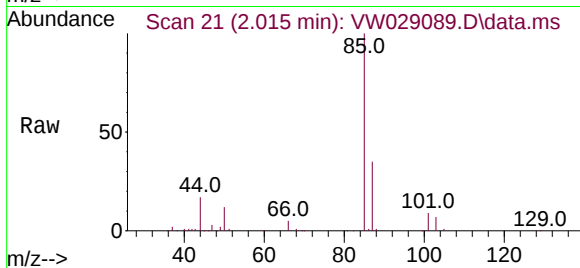
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Quant Title : SFAM01.0
QLast Update : Tue Jun 11 01:19:14 2024
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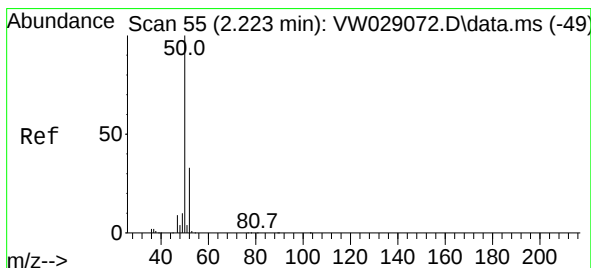
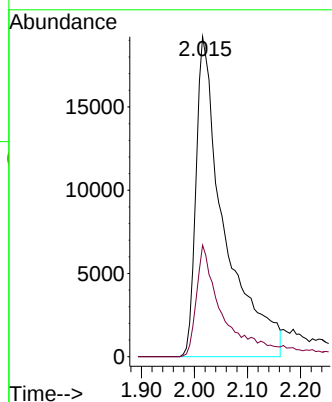
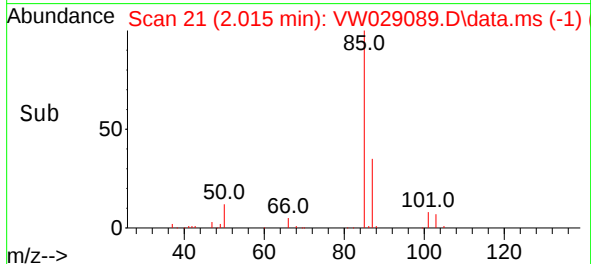


#2
 Dichlorodifluoromethane
 Concen: 19.867 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029089.D
 Acq: 10 Jun 2024 17:13

Instrument :
 MSVOA_W
 ClientSampleId :

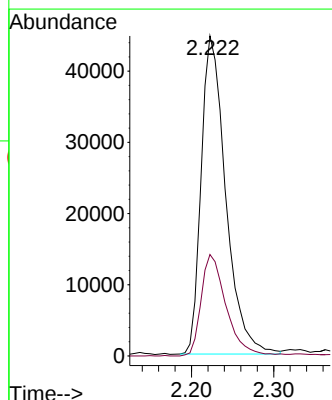
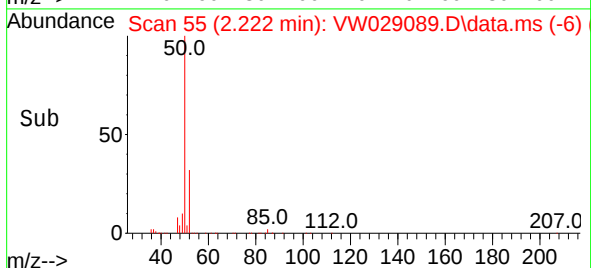
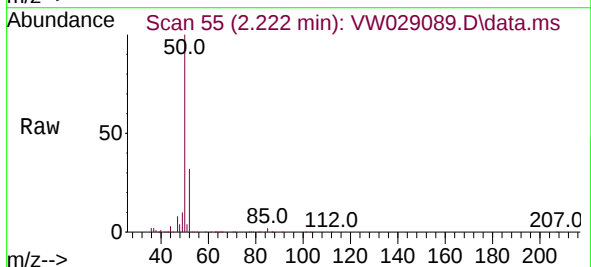


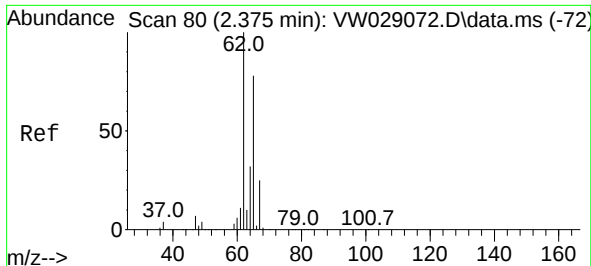
Tgt Ion: 85 Resp: 71293
 Ion Ratio Lower Upper
 85 100
 87 28.1 25.3 37.9



#3
 Chloromethane
 Concen: 21.158 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029089.D
 Acq: 10 Jun 2024 17:13

Tgt Ion: 50 Resp: 92761
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.1 41.1

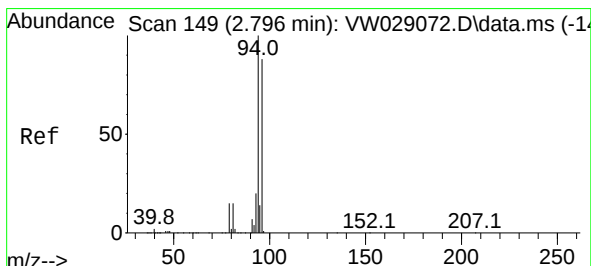
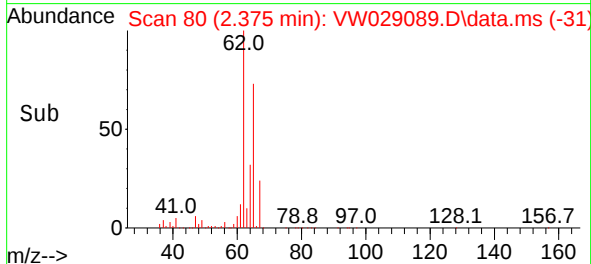
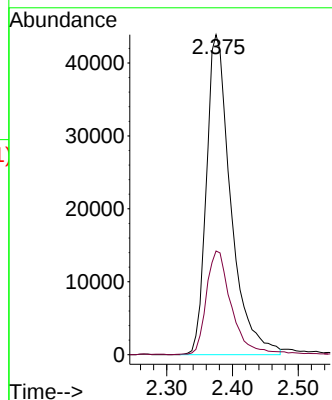
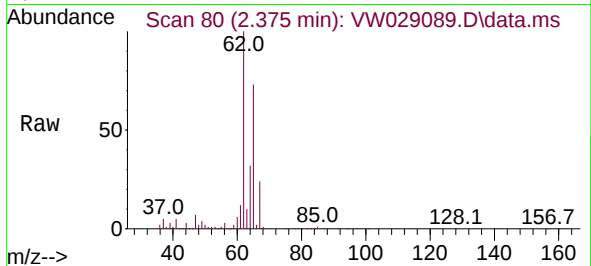




#5
 Vinyl chloride
 Concen: 21.306 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029089.D
 Acq: 10 Jun 2024 17:13

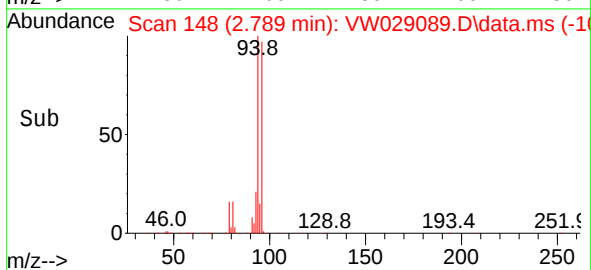
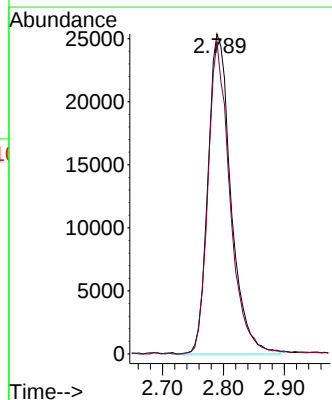
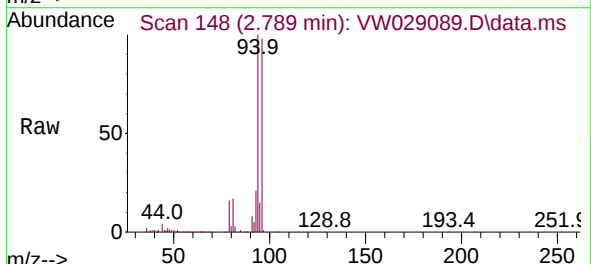
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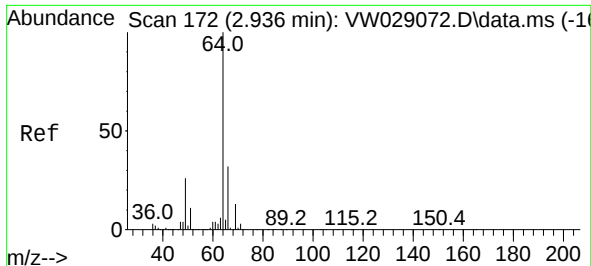
Tgt Ion: 62 Resp: 113067
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.4



#6
 Bromomethane
 Concen: 20.901 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029089.D
 Acq: 10 Jun 2024 17:13

Tgt Ion: 94 Resp: 66457
 Ion Ratio Lower Upper
 94 100
 96 97.6 63.7 118.3

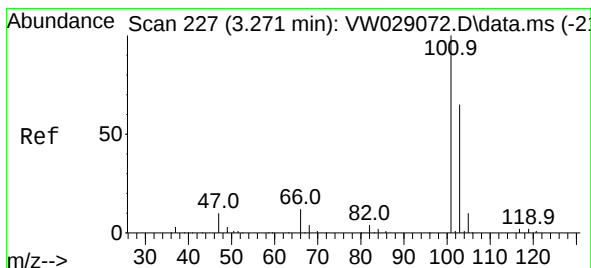
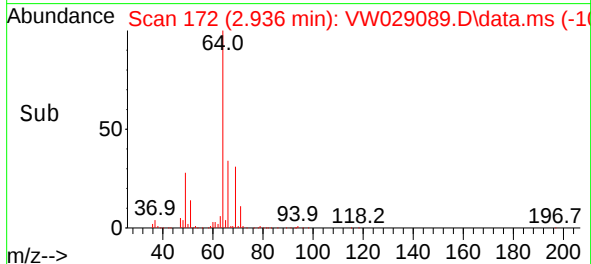
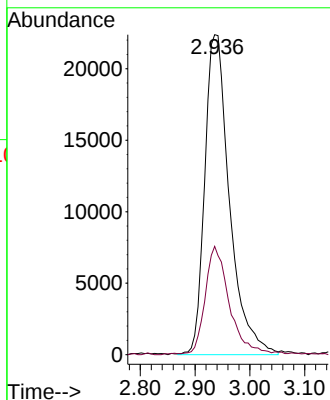
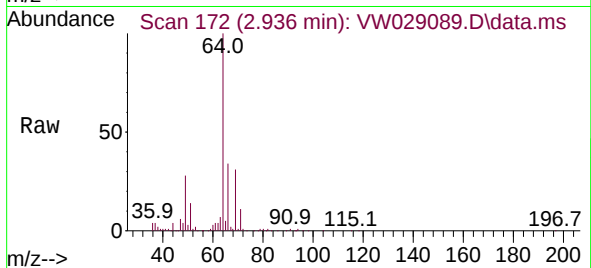




#8
Chloroethane
Concen: 21.915 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

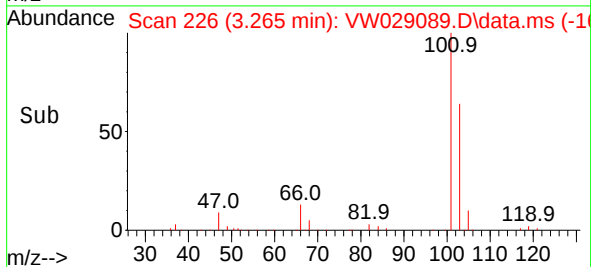
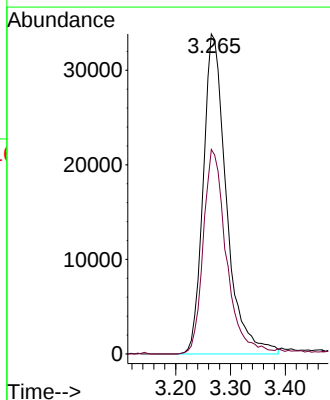
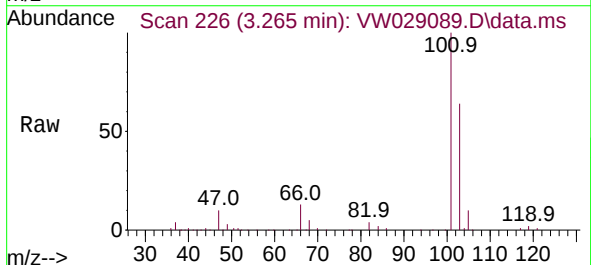
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MSVOA_W
ClientSampleId :

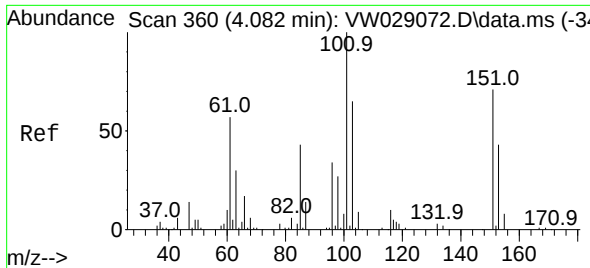
Tgt Ion: 64 Resp: 70235
Ion Ratio Lower Upper
64 100
66 33.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.483 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

Tgt Ion:101 Resp: 99183
Ion Ratio Lower Upper
101 100
103 63.7 51.3 76.9





#10

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

Concen: 23.214 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

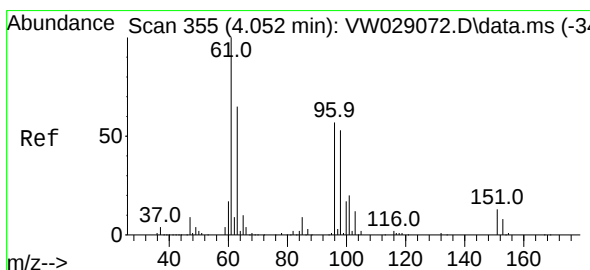
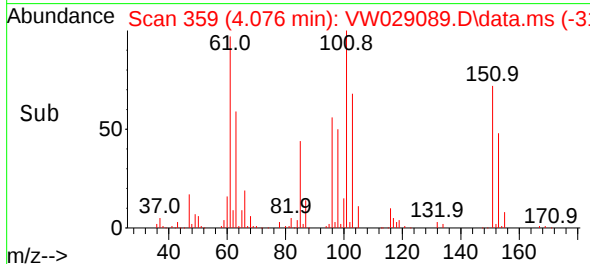
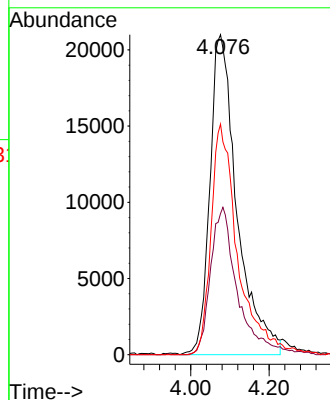
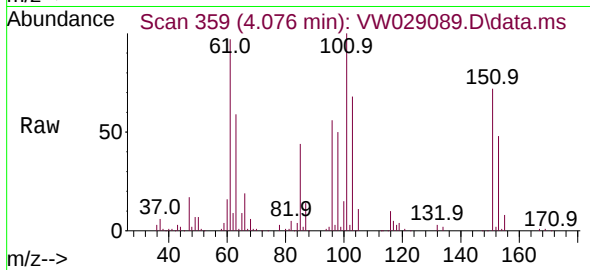
Tgt Ion:101 Resp: 101044

Ion Ratio Lower Upper

101 100

85 42.5 35.8 53.8

151 67.0 58.5 87.7



#12

1,1-Dichloroethene

Concen: 23.474 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

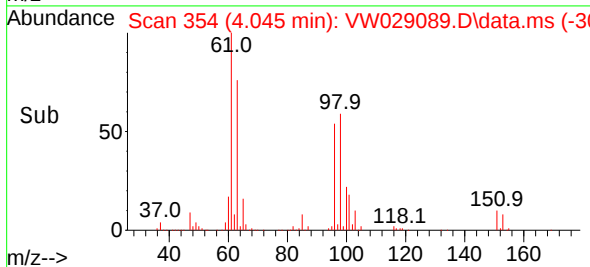
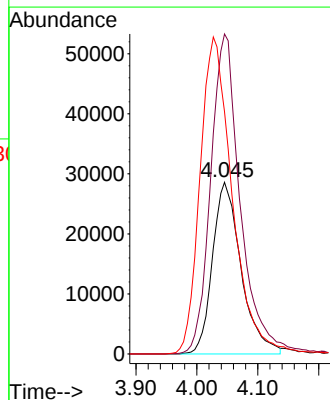
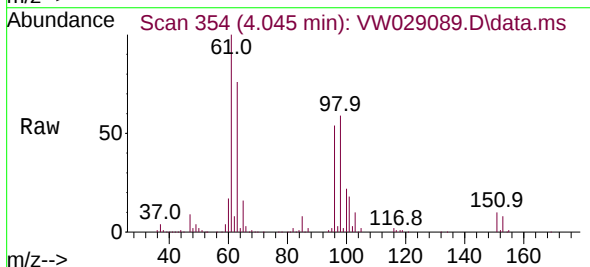
Tgt Ion: 96 Resp: 93249

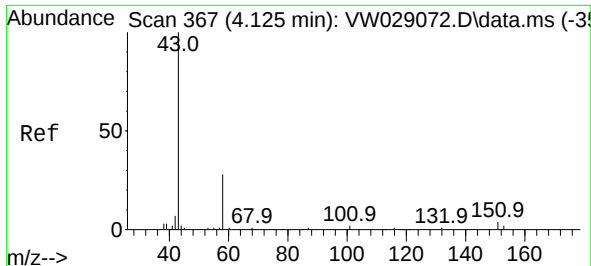
Ion Ratio Lower Upper

96 100

61 186.4 132.2 245.4

63 141.1 108.4 201.2

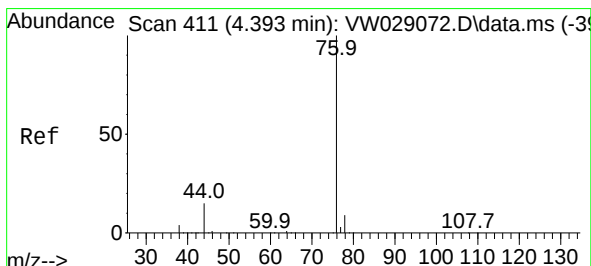
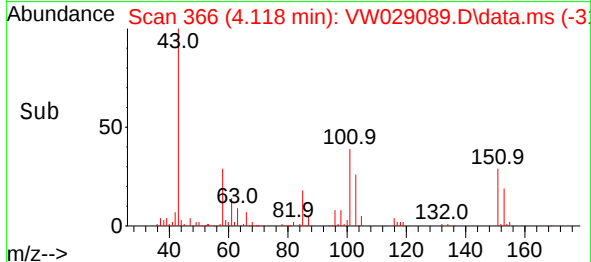
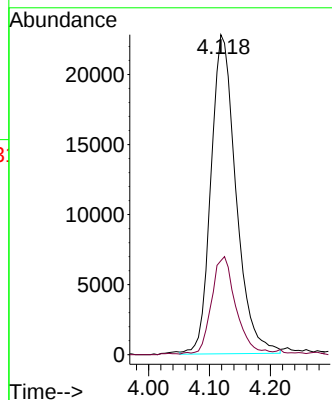
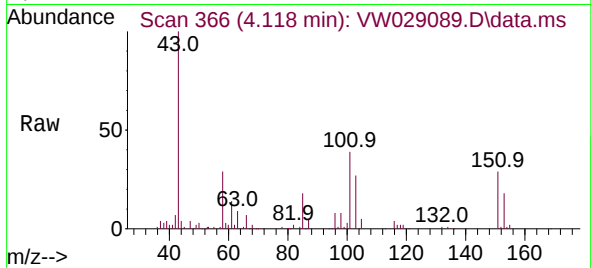




#13
Acetone
Concen: 60.971 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

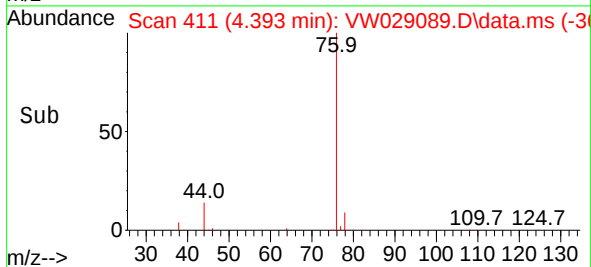
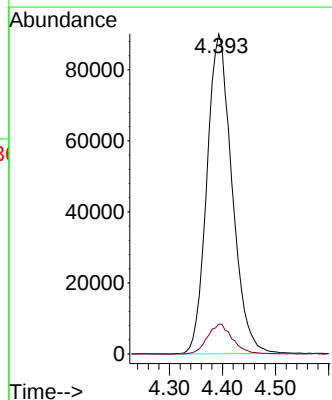
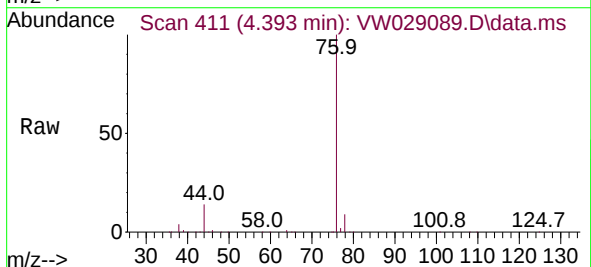
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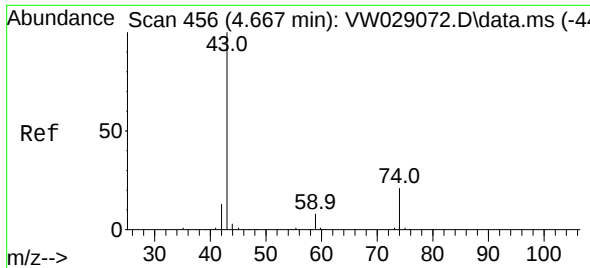
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Ion Ratio Lower Upper
43 100
58 28.8 0.0 59.4



#14
Carbon disulfide
Concen: 22.036 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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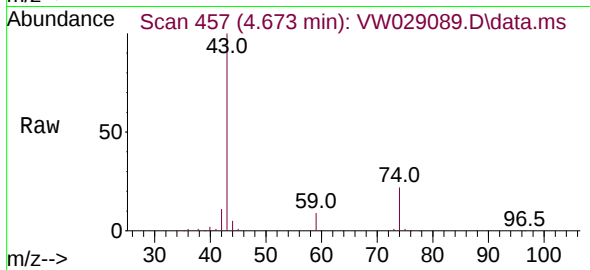
Tgt Ion: 76 Resp: 296354
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



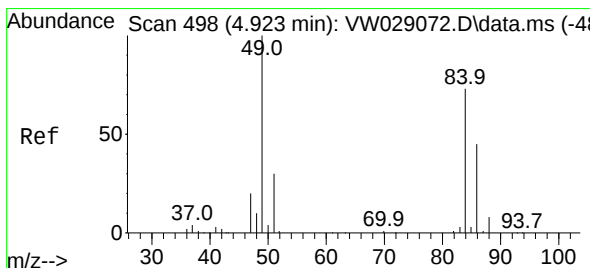
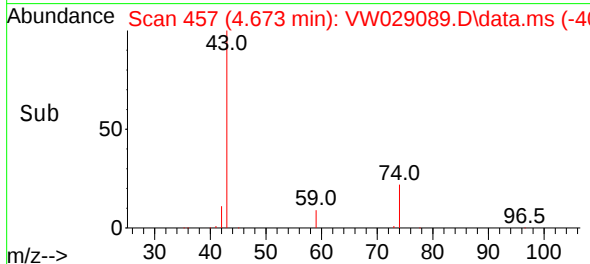
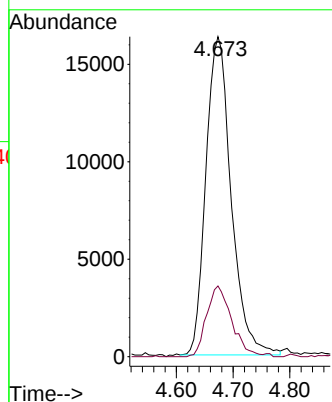


#15
Methyl Acetate
Concen: 28.522 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

Instrument :
MSVOA_W
ClientSampleId :

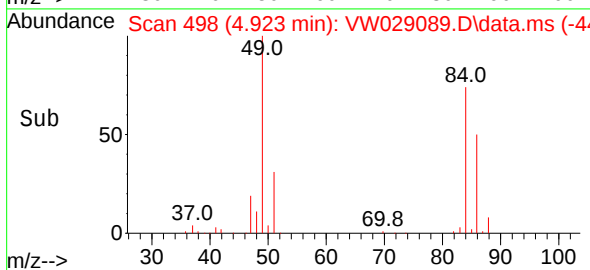
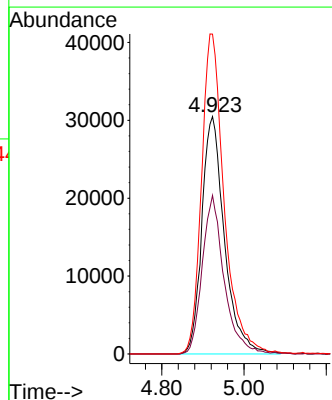
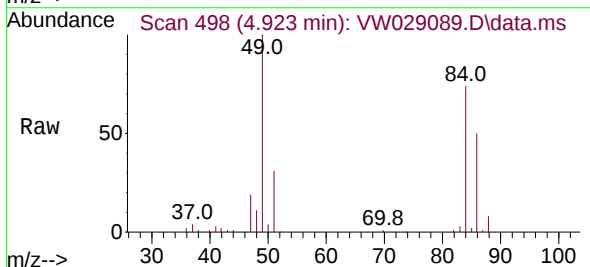


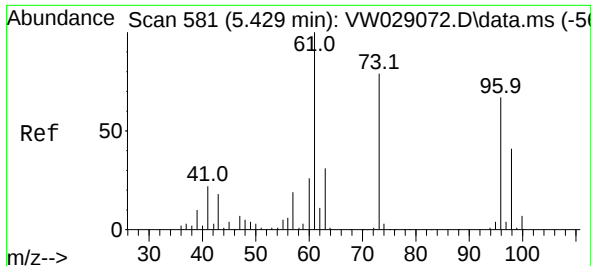
Tgt Ion: 43 Resp: 50639
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2



#16
Methylene chloride
Concen: 24.663 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

Tgt Ion: 84 Resp: 116325
Ion Ratio Lower Upper
84 100
86 66.7 43.8 81.4
49 134.7 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 23.467 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

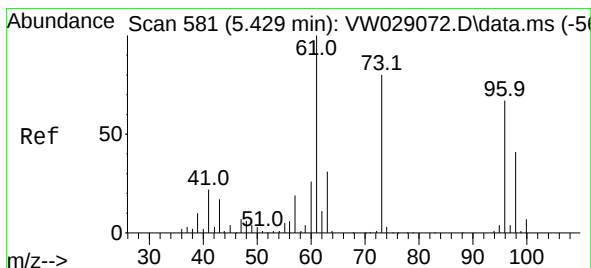
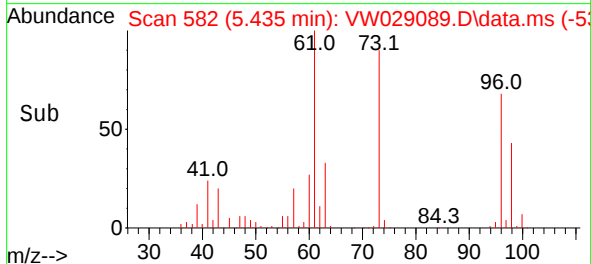
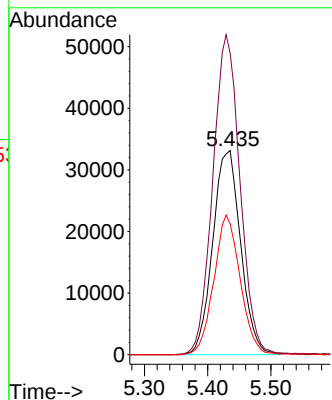
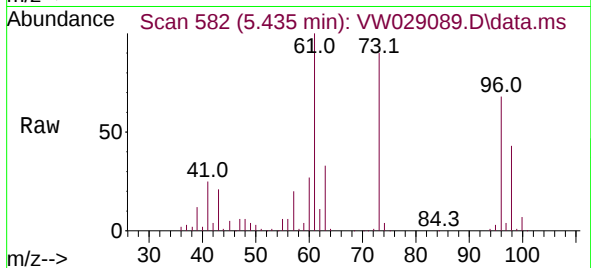
Tgt Ion: 96 Resp: 101639

Ion Ratio Lower Upper

96 100

61 147.8 104.6 194.2

98 64.1 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 27.046 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

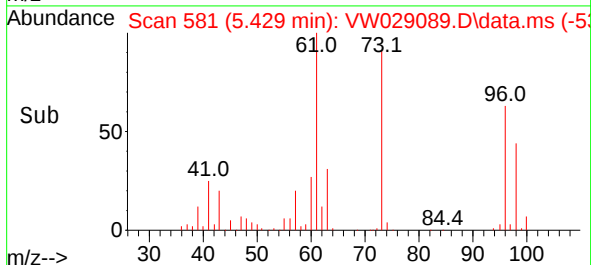
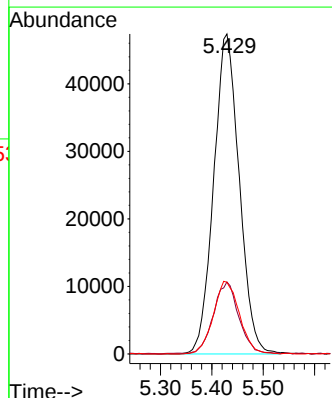
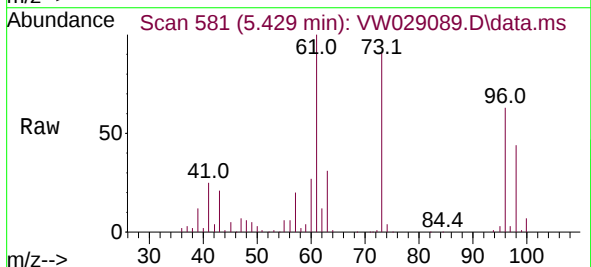
Tgt Ion: 73 Resp: 163347

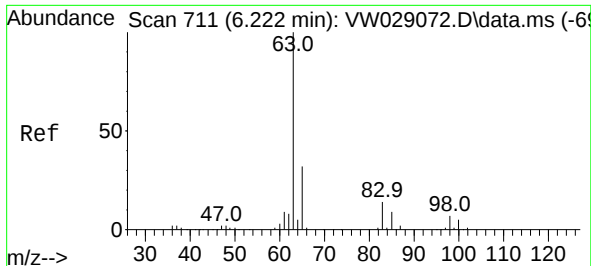
Ion Ratio Lower Upper

73 100

43 21.8 17.8 26.6

57 23.2 18.4 27.6





#19

1,1-Dichloroethane

Concen: 23.935 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

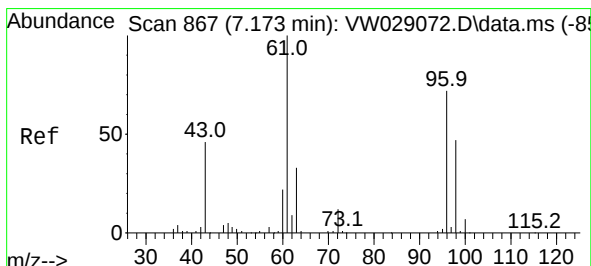
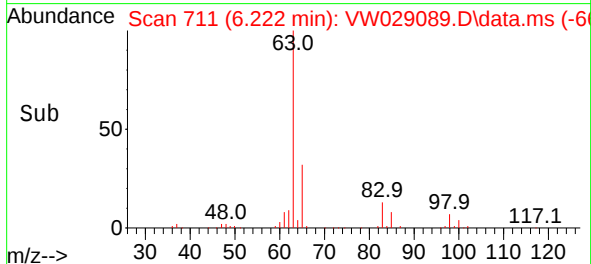
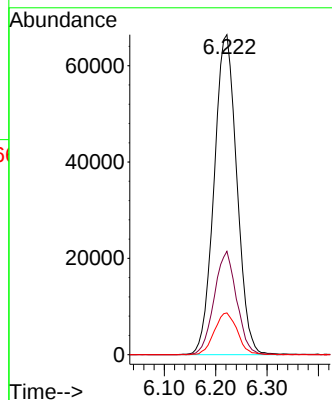
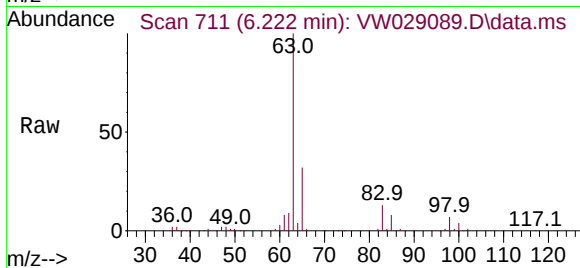
Tgt Ion: 63 Resp: 203812

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 13.1 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.578 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

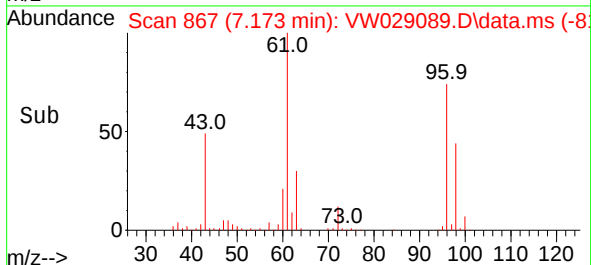
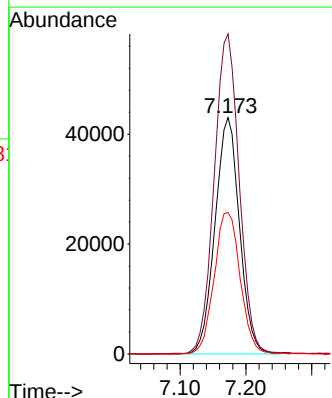
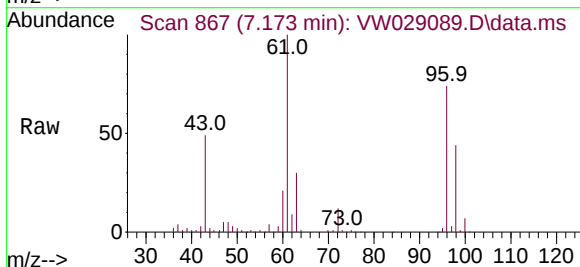
Tgt Ion: 96 Resp: 111599

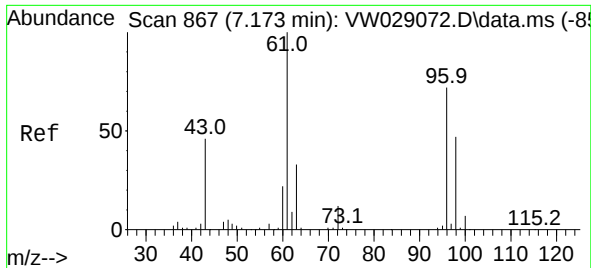
Ion Ratio Lower Upper

96 100

61 135.4 92.9 172.5

98 59.8 45.2 84.0

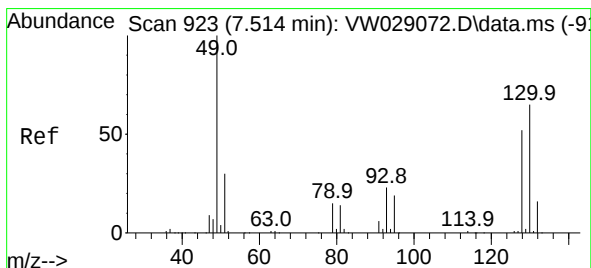
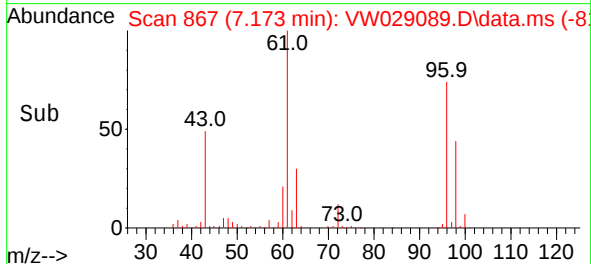
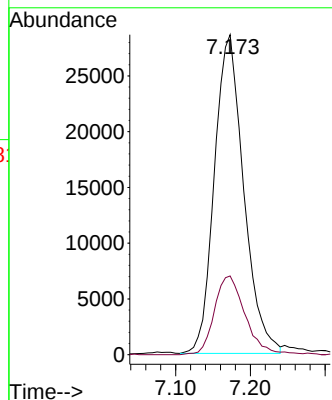
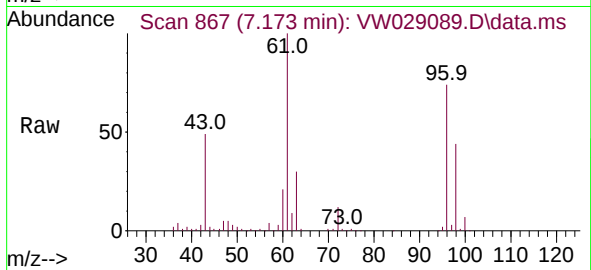




#22
2-Butanone
Concen: 60.484 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

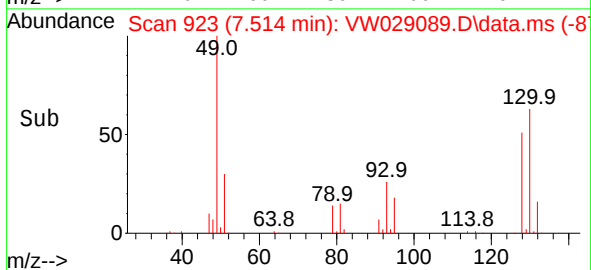
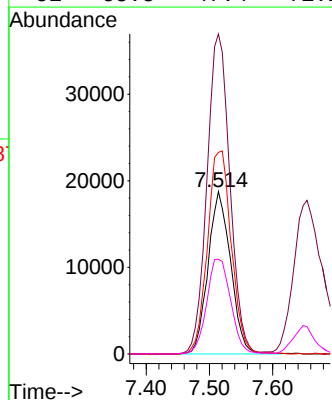
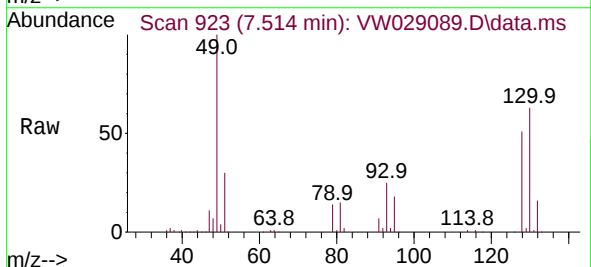
Instrument :
MSVOA_W
ClientSampleId :

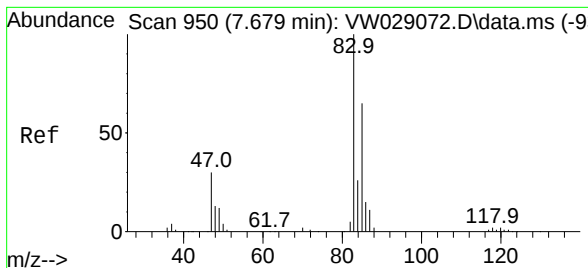
Tgt Ion: 43 Resp: 77910
Ion Ratio Lower Upper
43 100
72 25.9 12.5 37.5



#23
Bromochloromethane
Concen: 23.476 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

Tgt Ion: 128 Resp: 46531
Ion Ratio Lower Upper
128 100
49 197.0 135.9 252.3
130 124.1 89.0 165.2
51 58.3 47.4 71.2

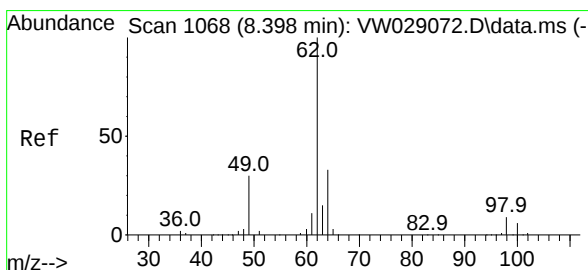
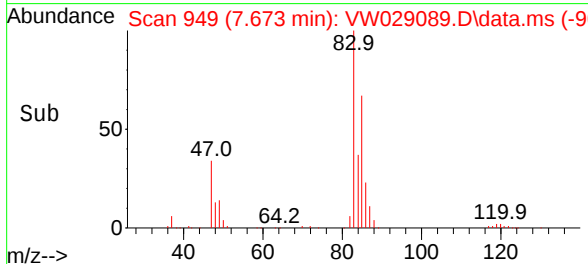
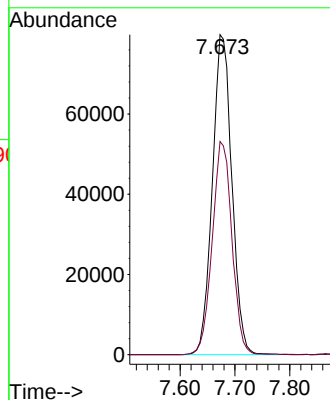
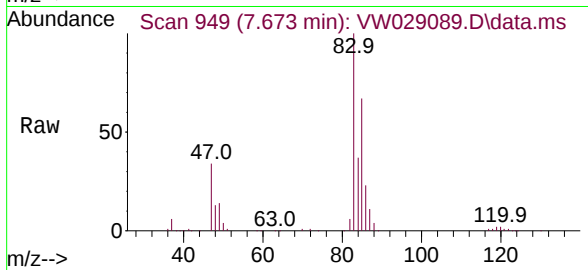




#25
Chloroform
Concen: 23.771 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

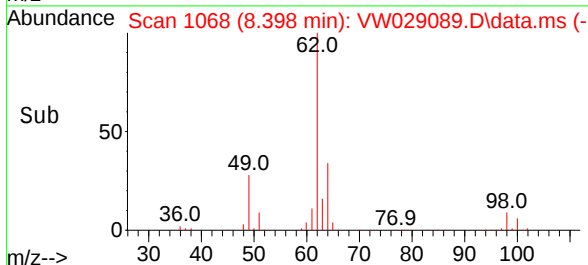
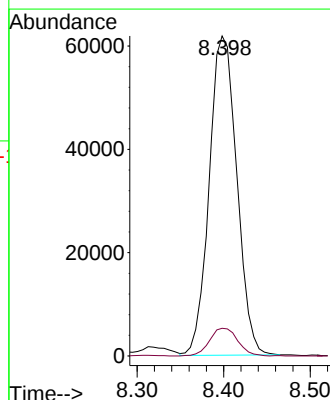
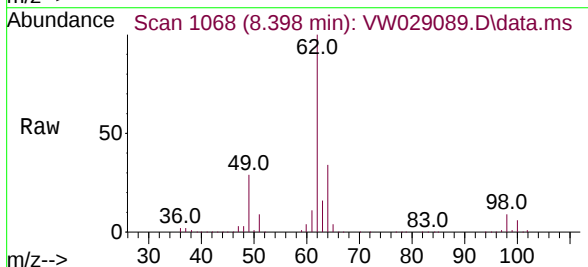
Instrument :
MSVOA_W
ClientSampleId :

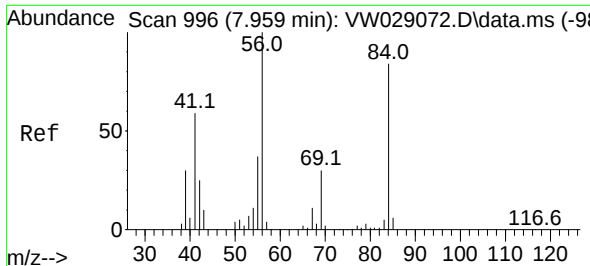
Tgt Ion: 83 Resp: 196589
Ion Ratio Lower Upper
83 100
85 66.6 45.8 85.2



#27
1,2-Dichloroethane
Concen: 24.675 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

Tgt Ion: 62 Resp: 136756
Ion Ratio Lower Upper
62 100
98 8.7 7.1 10.7





#29

Cyclohexane

Concen: 25.423 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

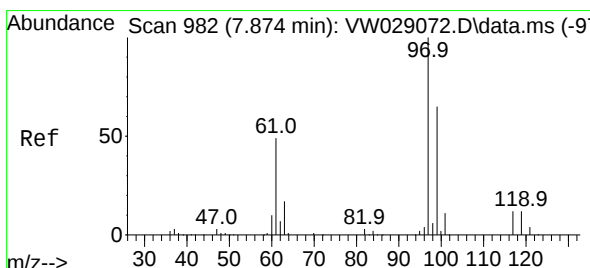
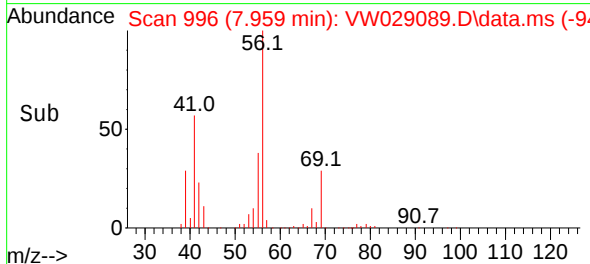
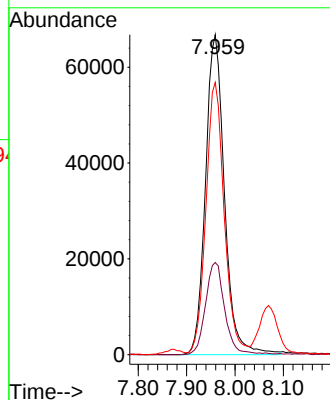
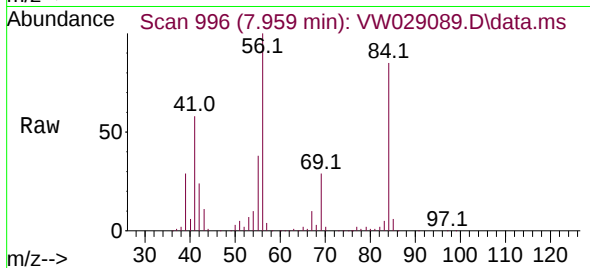
Tgt Ion: 56 Resp: 182312

Ion Ratio Lower Upper

56 100

69 29.0 24.2 36.4

84 81.6 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 23.718 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

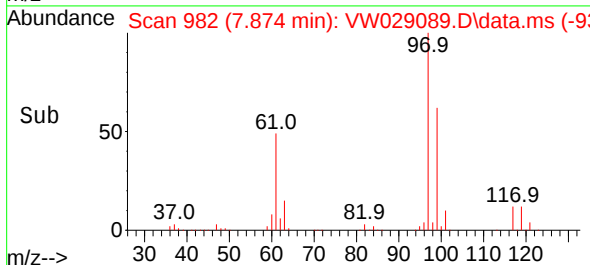
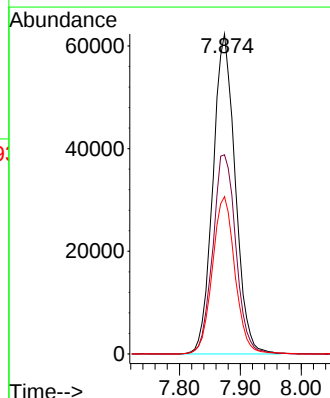
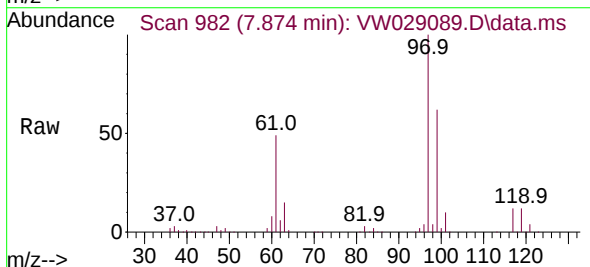
Tgt Ion: 97 Resp: 158498

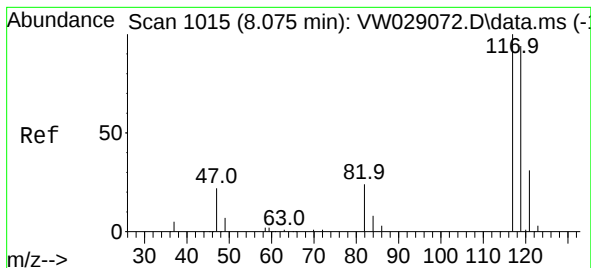
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 49.6 39.6 59.4





#31

Carbon tetrachloride

Concen: 23.701 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

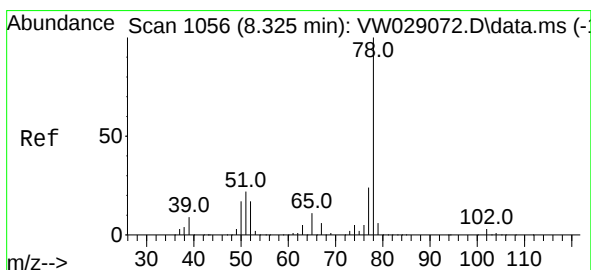
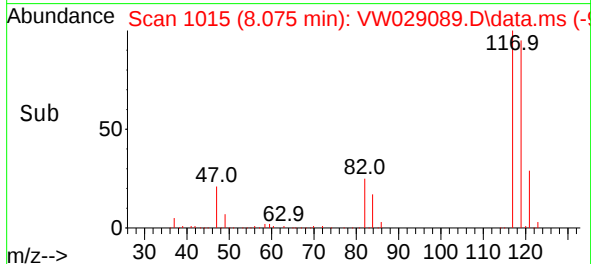
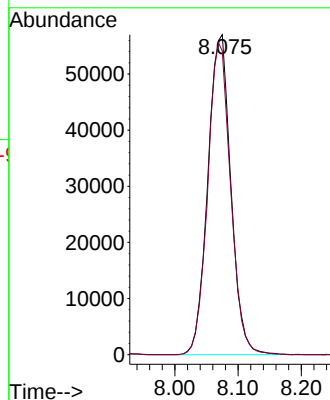
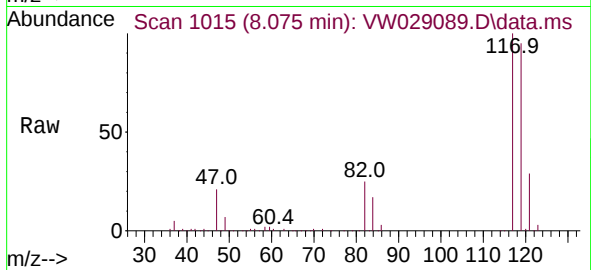
ClientSampleId :

Tgt Ion:117 Resp: 144268

Ion Ratio Lower Upper

117 100

119 96.8 78.8 118.2



#33

Benzene

Concen: 24.881 ug/L

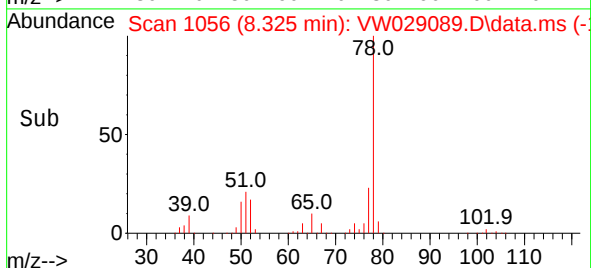
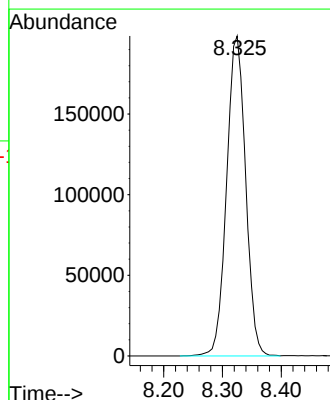
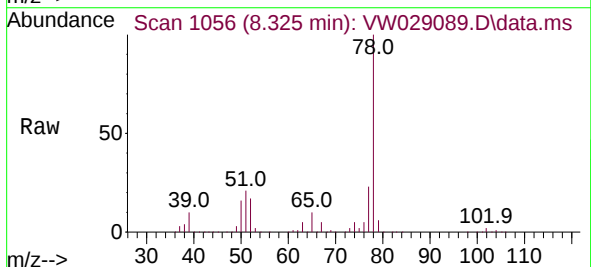
RT: 8.325 min Scan# 1056

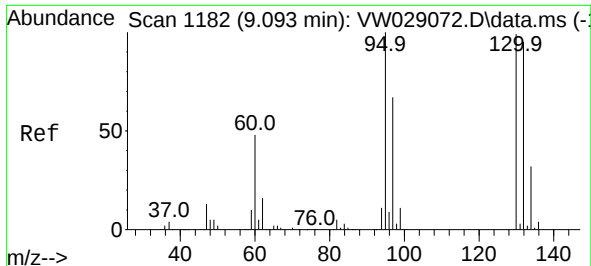
Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Tgt Ion: 78 Resp: 446208





#34

Trichloroethene

Concen: 24.662 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 116277

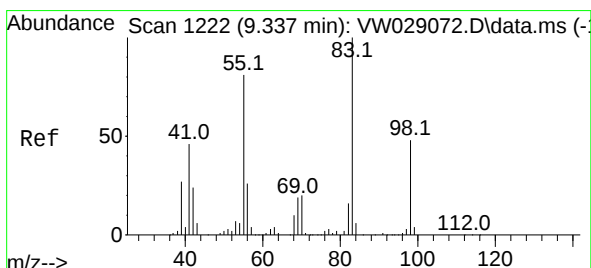
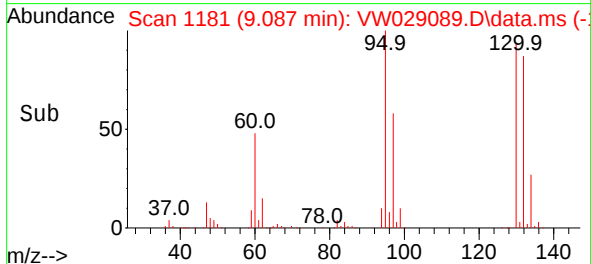
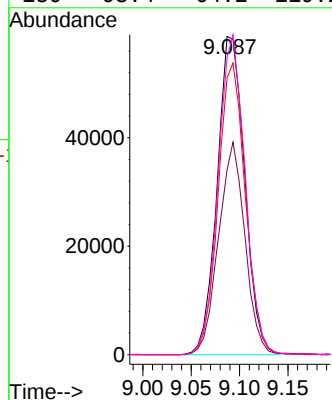
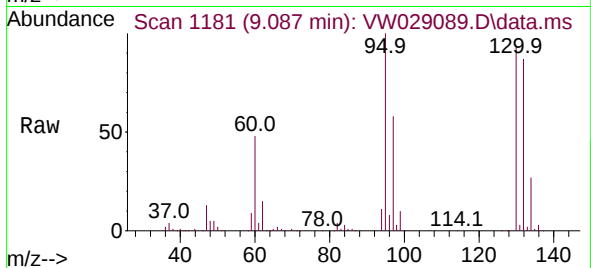
Ion Ratio Lower Upper

95 100

97 58.1 41.9 77.7

132 87.0 60.1 111.5

130 93.4 64.2 119.2



#35

Methylcyclohexane

Concen: 24.903 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

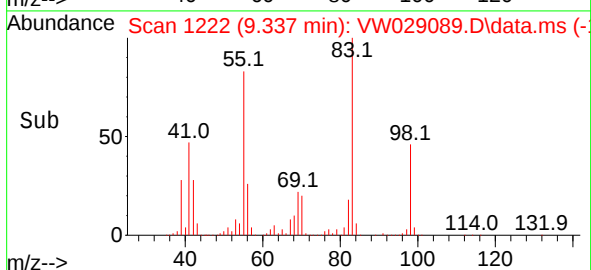
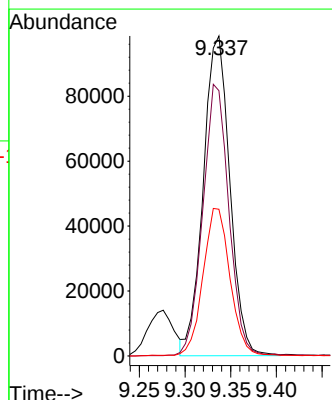
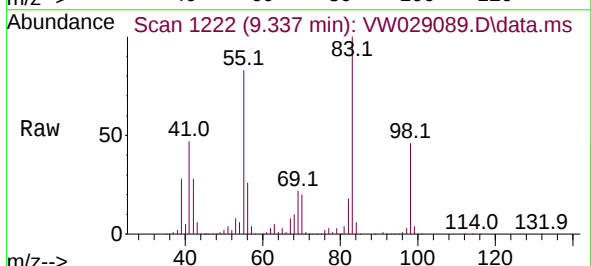
Tgt Ion: 83 Resp: 199179

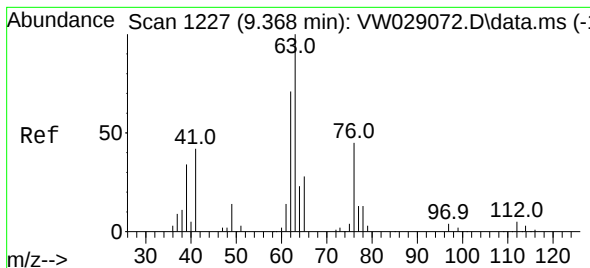
Ion Ratio Lower Upper

83 100

55 83.1 65.8 98.6

98 47.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 25.687 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

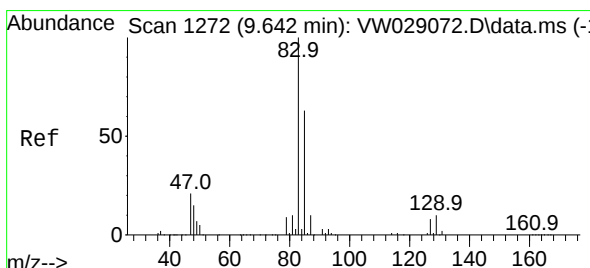
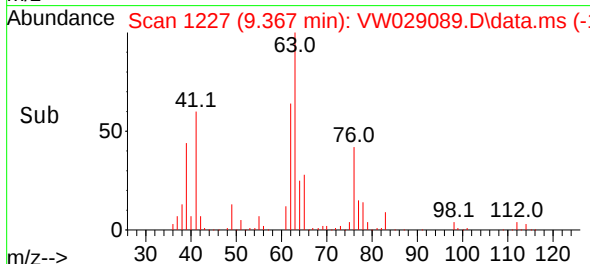
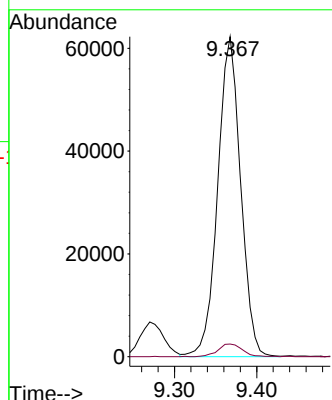
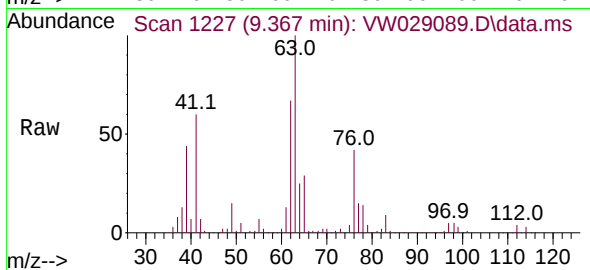
ClientSampleId :

Tgt Ion: 63 Resp: 120637

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 24.493 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

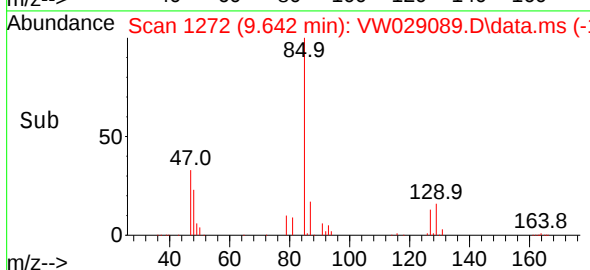
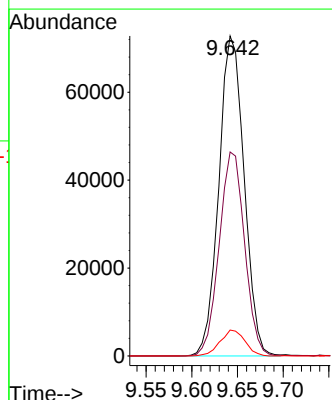
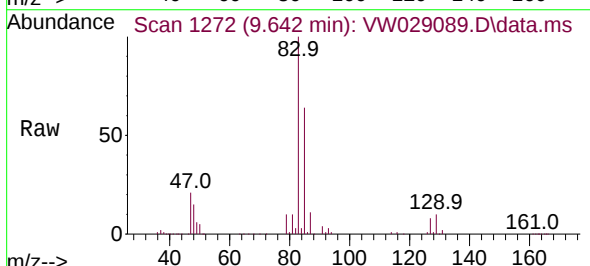
Tgt Ion: 83 Resp: 140287

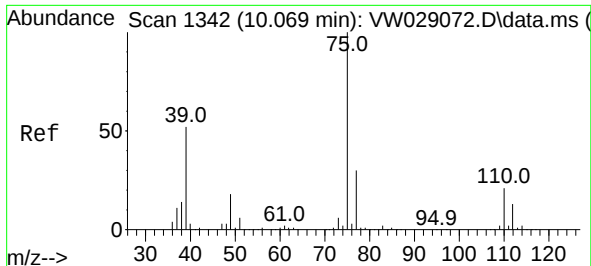
Ion Ratio Lower Upper

83 100

85 63.8 43.9 81.5

127 8.1 5.4 8.2

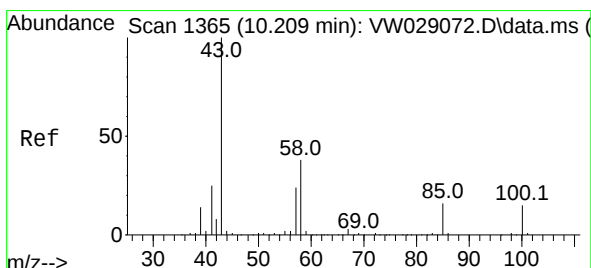
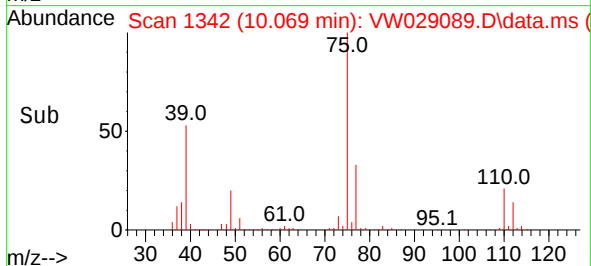
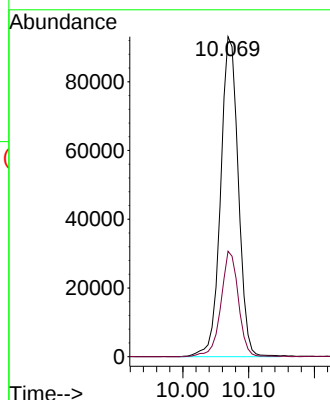
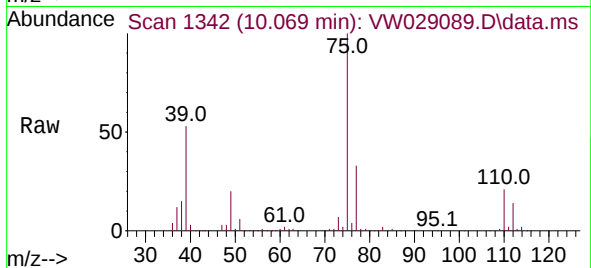




#39
cis-1,3-Dichloropropene
Concen: 25.597 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

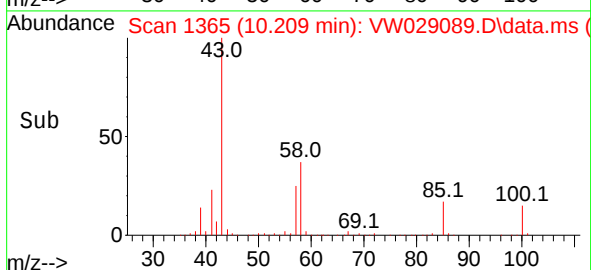
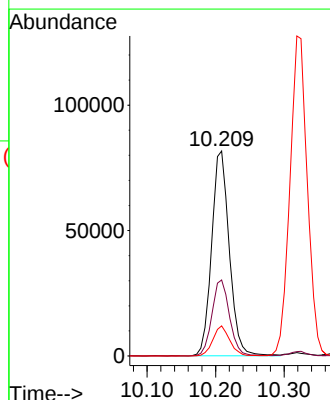
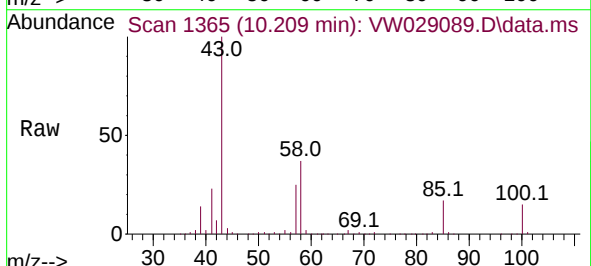
Instrument :
MSVOA_W
ClientSampleId :

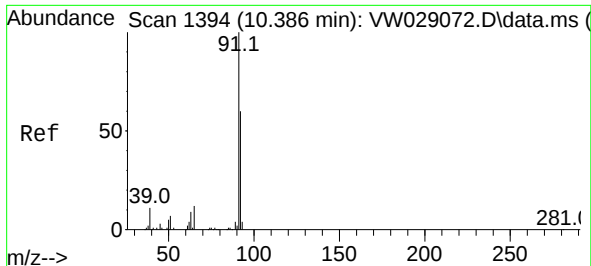
Tgt Ion: 75 Resp: 174701
Ion Ratio Lower Upper
75 100
77 32.9 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 61.302 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

Tgt Ion: 43 Resp: 146434
Ion Ratio Lower Upper
43 100
58 37.1 30.3 45.5
100 14.1 10.7 16.1





#42

Toluene

Concen: 25.584 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

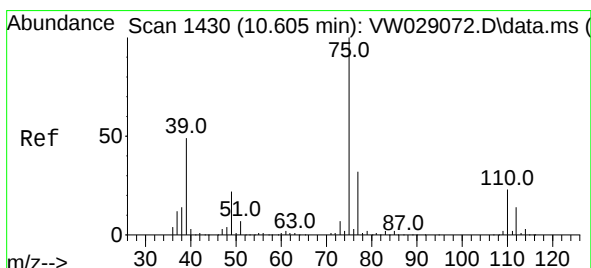
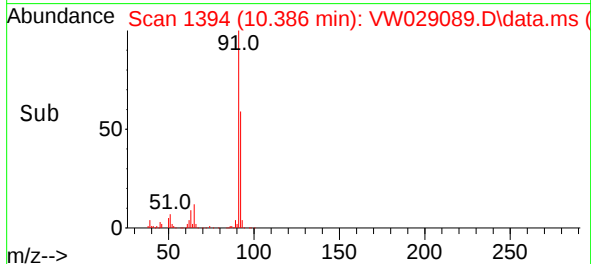
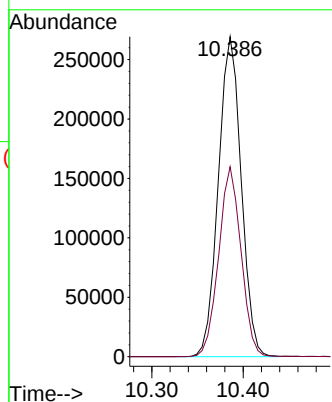
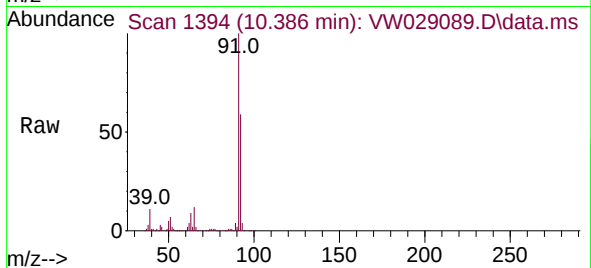
ClientSampleId :

Tgt Ion: 91 Resp: 468717

Ion Ratio Lower Upper

91 100

92 59.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 26.371 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029089.D

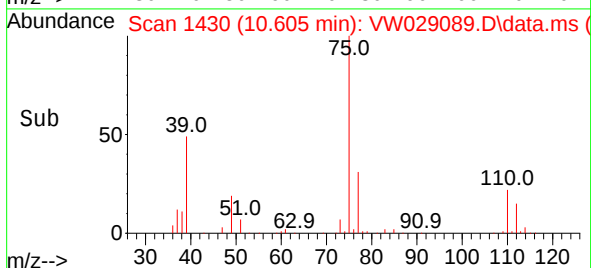
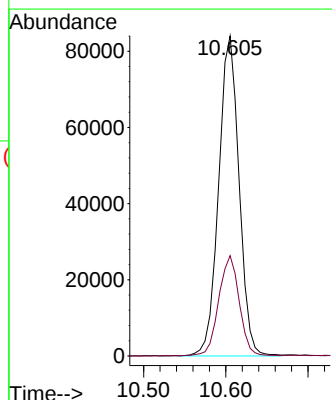
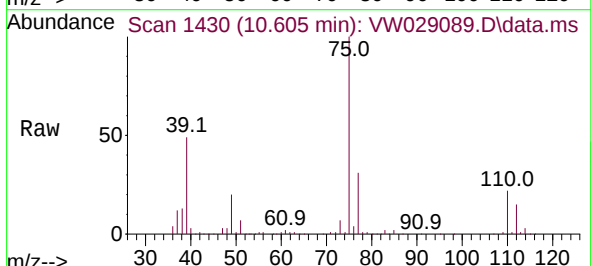
Acq: 10 Jun 2024 17:13

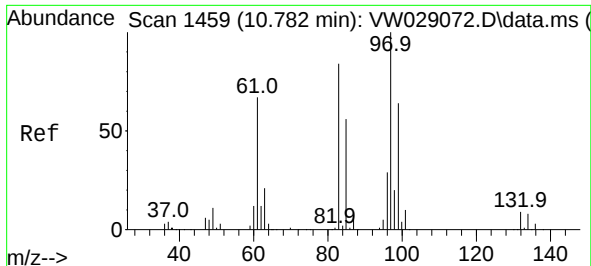
Tgt Ion: 75 Resp: 145102

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.956 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 82325

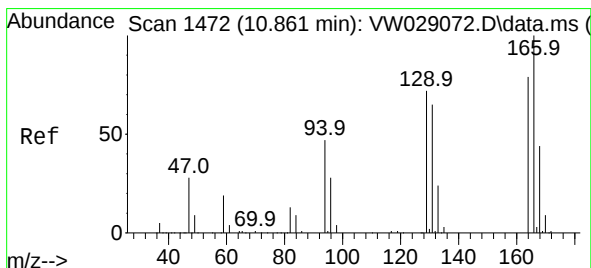
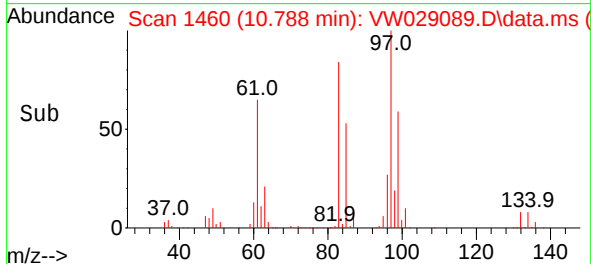
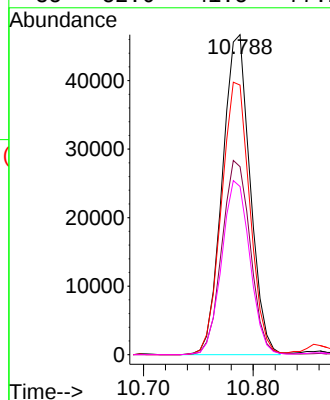
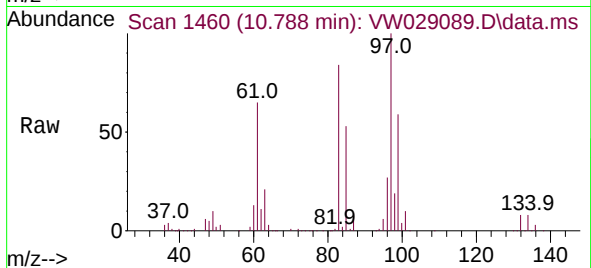
Ion Ratio Lower Upper

97 100

99 58.8 41.8 77.6

83 84.3 62.4 115.8

85 52.6 41.5 77.1



#46

Tetrachloroethene

Concen: 24.795 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Tgt Ion:164 Resp: 88820

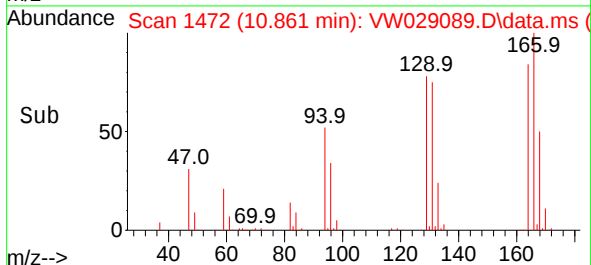
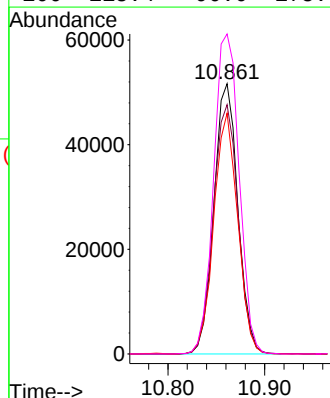
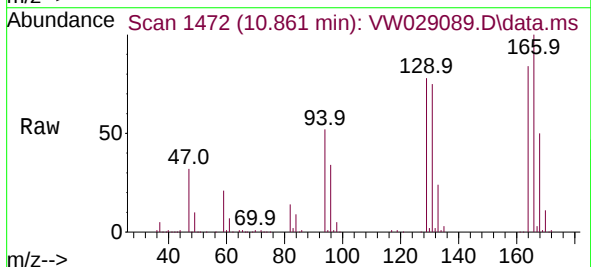
Ion Ratio Lower Upper

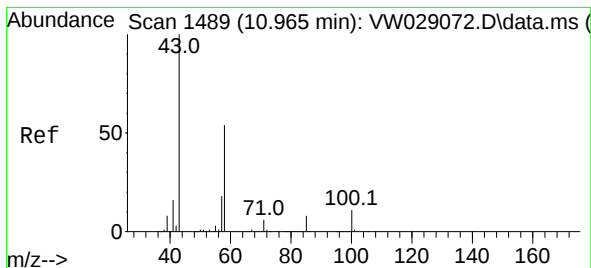
164 100

129 92.2 69.4 128.8

131 89.1 71.0 131.9

166 118.4 96.0 178.4





#48

2-Hexanone

Concen: 63.073 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

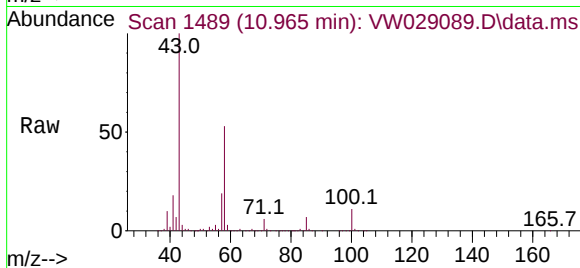
Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 112962

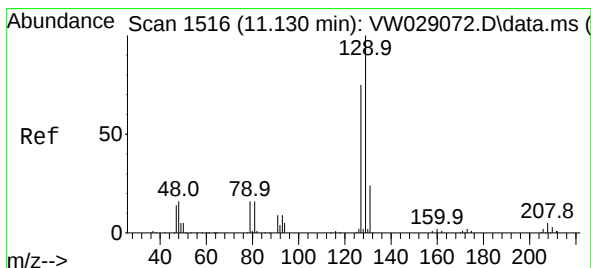
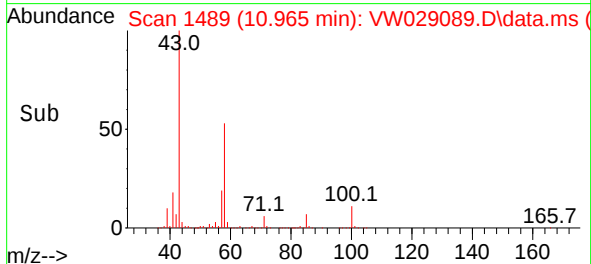
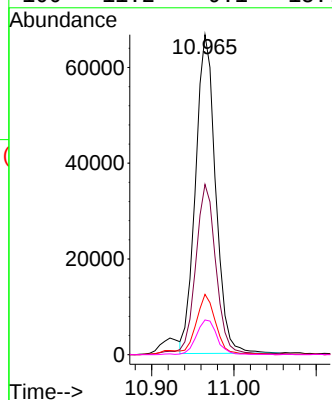
Ion Ratio Lower Upper

43 100

58 53.8 41.4 62.0

57 18.5 14.2 21.4

100 11.2 9.1 13.7



#49

Dibromochloromethane

Concen: 25.270 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW029089.D

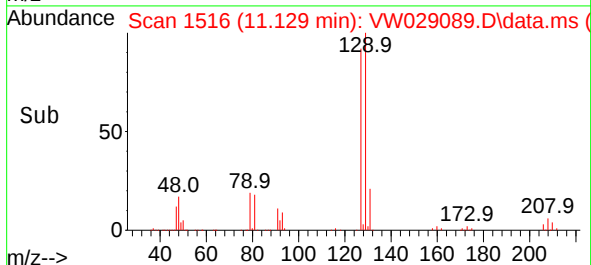
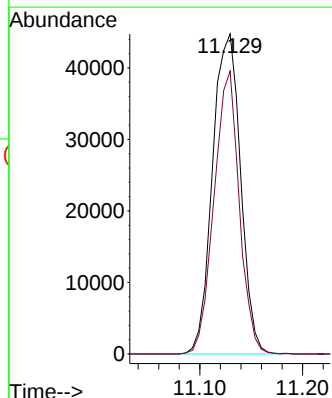
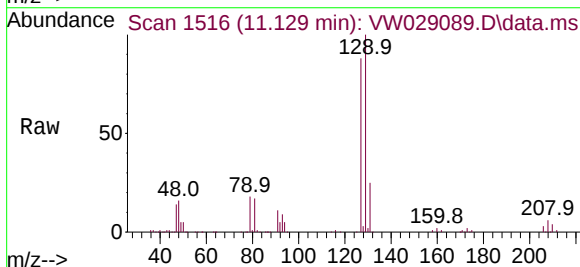
Acq: 10 Jun 2024 17:13

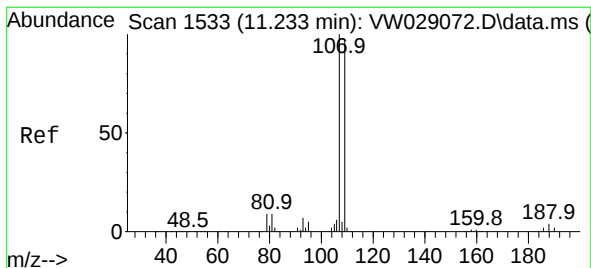
Tgt Ion:129 Resp: 84656

Ion Ratio Lower Upper

129 100

127 88.4 56.5 104.9





#50

1,2-Dibromoethane

Concen: 26.352 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

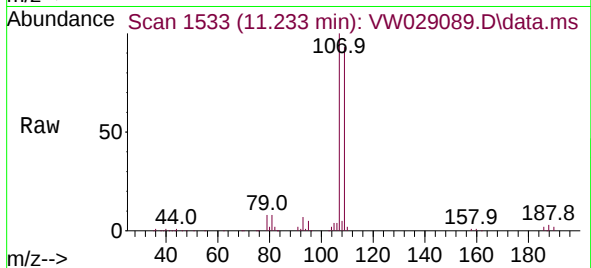
Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :



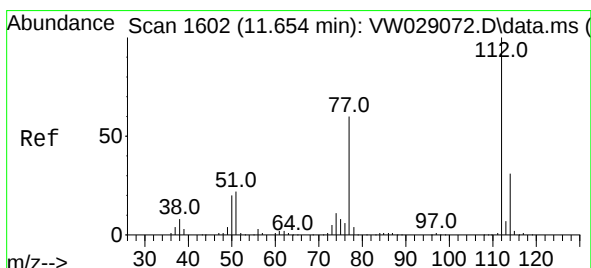
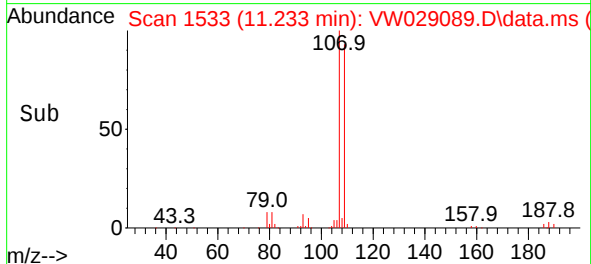
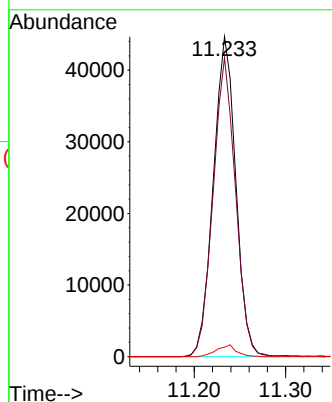
Tgt Ion:107 Resp: 76300

Ion Ratio Lower Upper

107 100

109 93.5 67.9 126.1

188 3.0 3.0 4.4#



#51

Chlorobenzene

Concen: 24.842 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

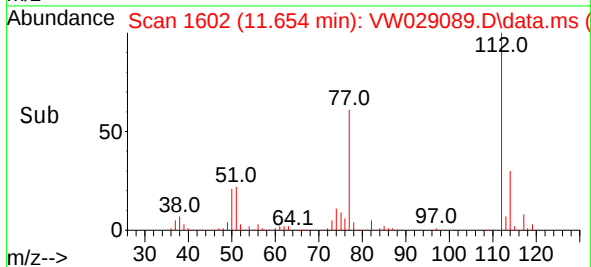
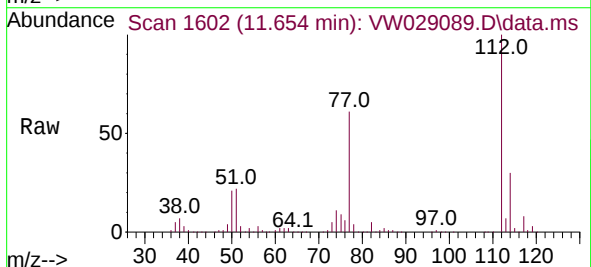
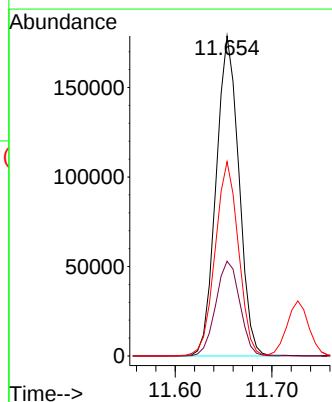
Tgt Ion:112 Resp: 292367

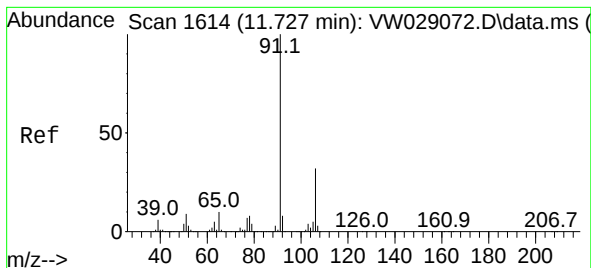
Ion Ratio Lower Upper

112 100

114 29.6 23.7 44.1

77 60.7 51.7 77.5





#52

Ethylbenzene

Concen: 25.591 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

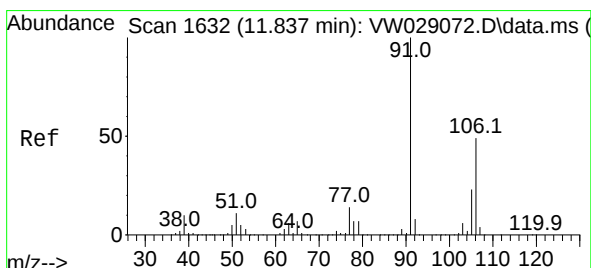
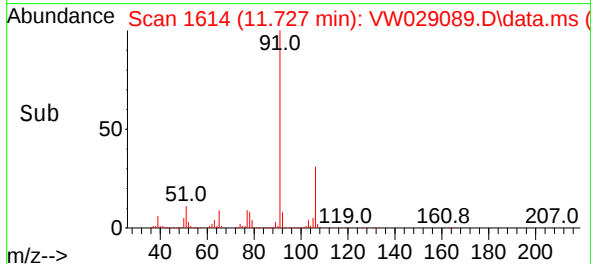
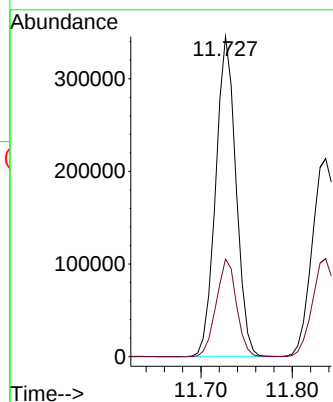
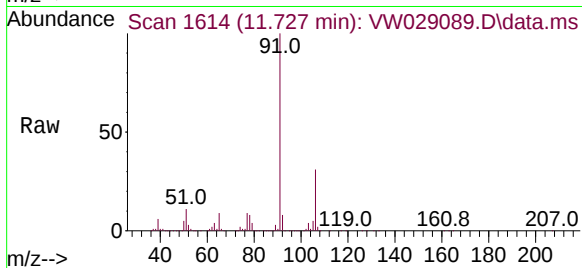
ClientSampleId :

Tgt Ion: 91 Resp: 532701

Ion Ratio Lower Upper

91 100

106 30.5 19.9 37.0



#53

m,p-Xylene

Concen: 25.700 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029089.D

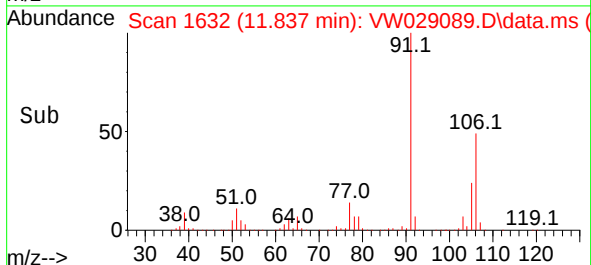
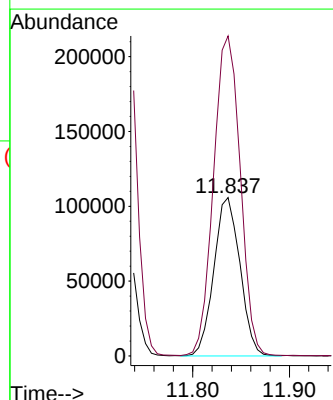
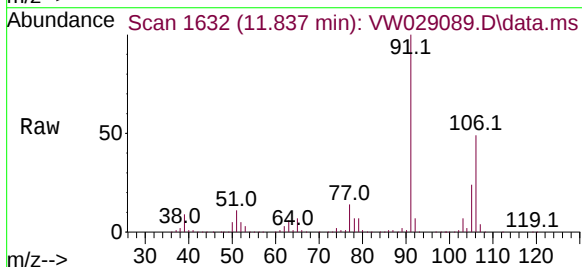
Acq: 10 Jun 2024 17:13

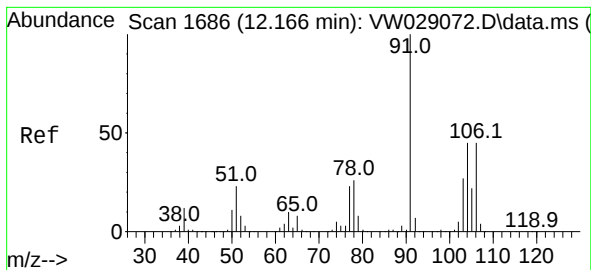
Tgt Ion:106 Resp: 198146

Ion Ratio Lower Upper

106 100

91 202.1 152.0 282.2





#54

o-Xylene

Concen: 25.877 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

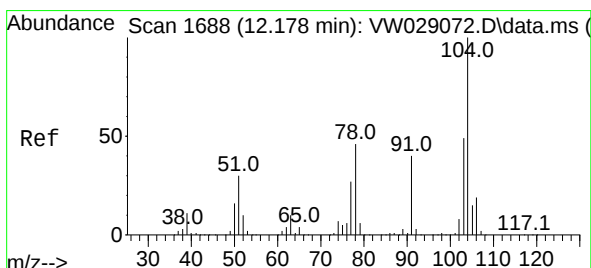
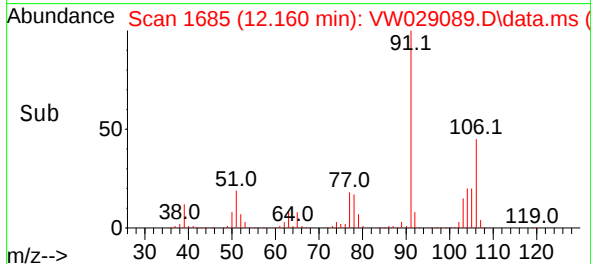
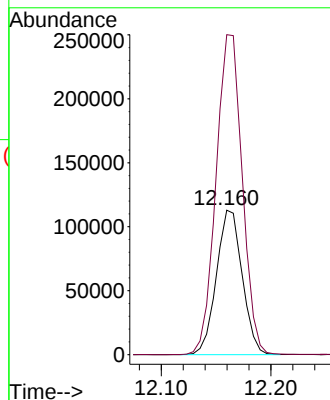
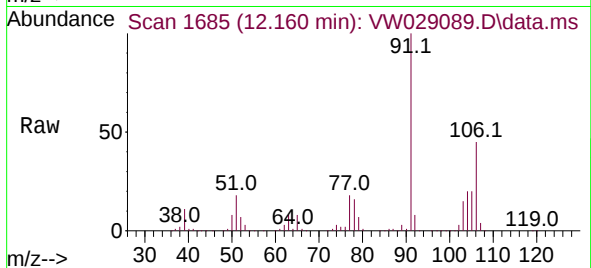
ClientSampleId :

Tgt Ion:106 Resp: 184737

Ion Ratio Lower Upper

106 100

91 221.5 152.5 283.3



#55

Styrene

Concen: 25.861 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029089.D

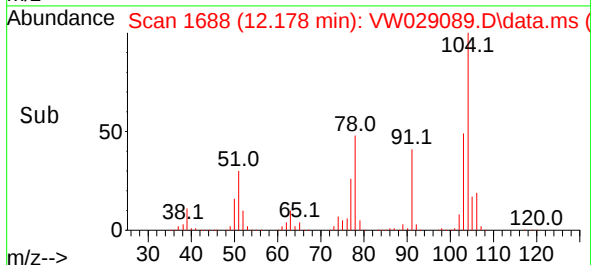
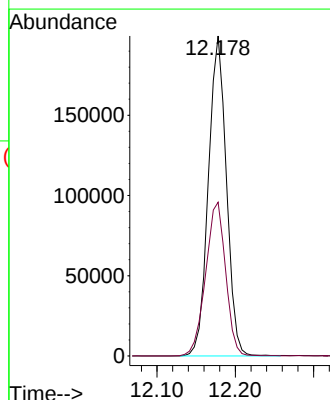
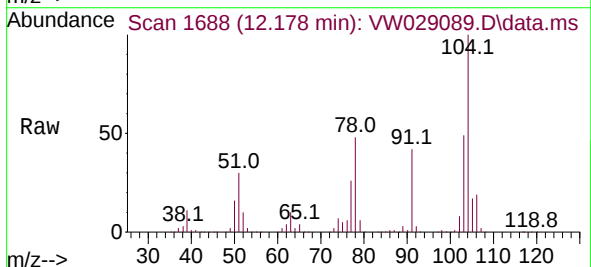
Acq: 10 Jun 2024 17:13

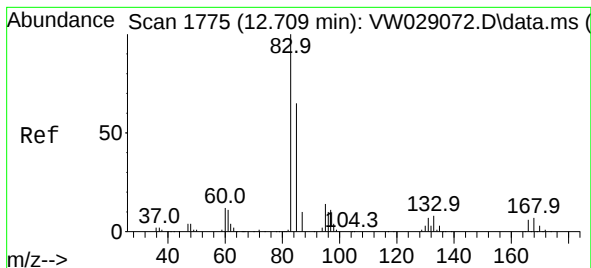
Tgt Ion:104 Resp: 318308

Ion Ratio Lower Upper

104 100

78 48.1 33.3 61.9

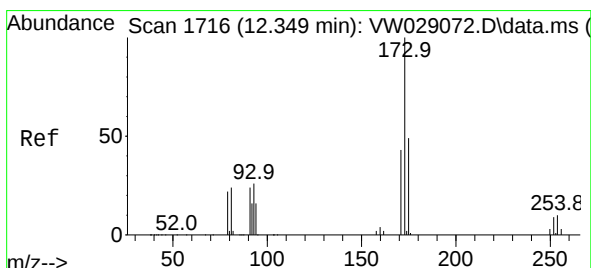
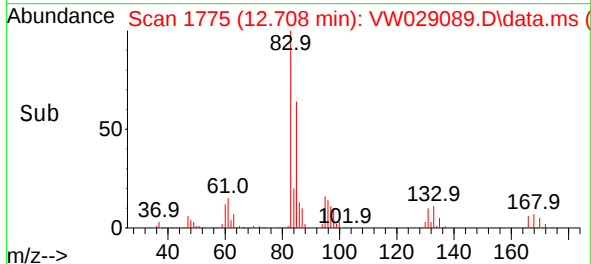
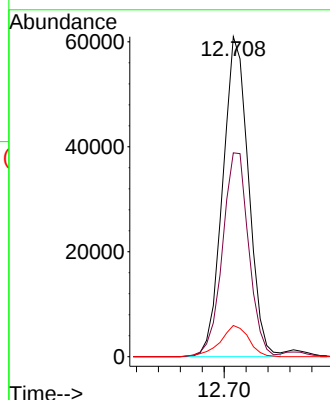
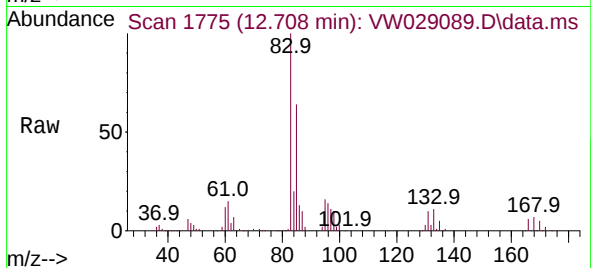




#57
1,1,2,2-Tetrachloroethane
Concen: 27.765 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

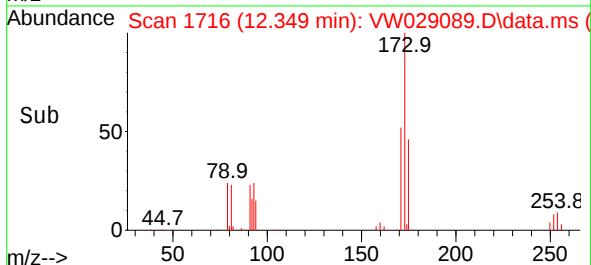
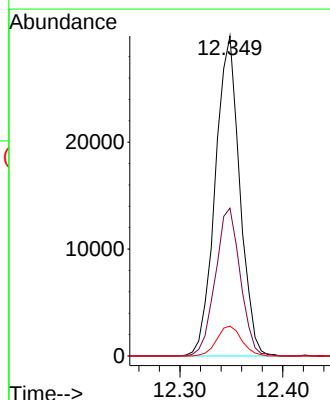
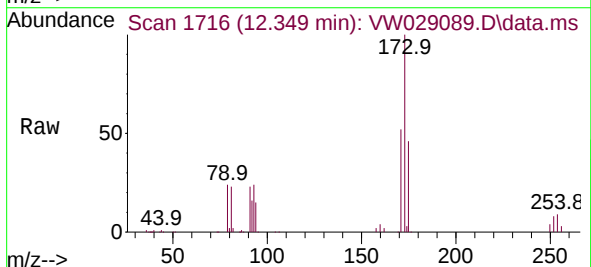
Instrument :
MSVOA_W
ClientSampleId :

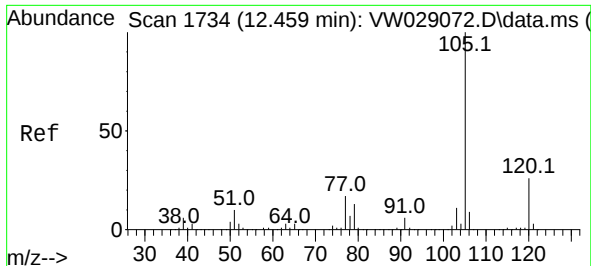
Tgt Ion: 83 Resp: 99414
Ion Ratio Lower Upper
83 100
85 63.7 43.8 81.3
131 9.8 7.3 10.9



#59
Bromoform
Concen: 26.586 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

Tgt Ion:173 Resp: 49473
Ion Ratio Lower Upper
173 100
175 47.0 38.1 57.1
254 9.5 8.2 12.2





#60

Isopropylbenzene

Concen: 25.670 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

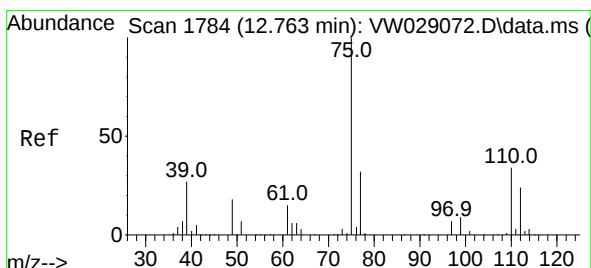
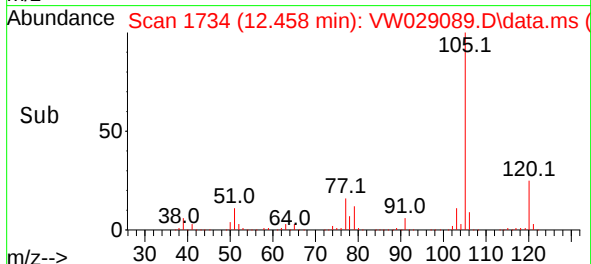
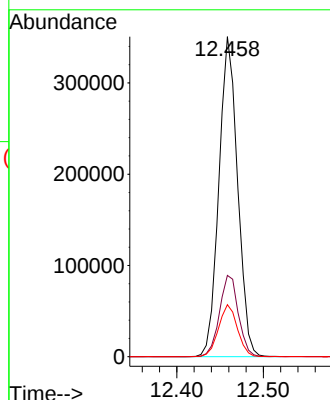
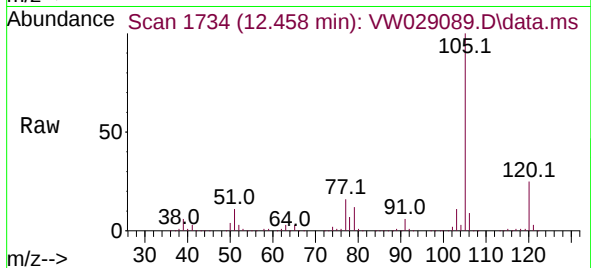
Tgt Ion:105 Resp: 525742

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

77 16.4 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 26.886 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

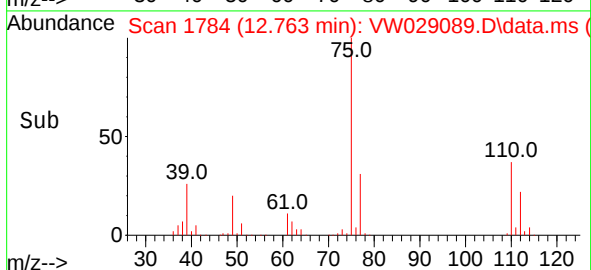
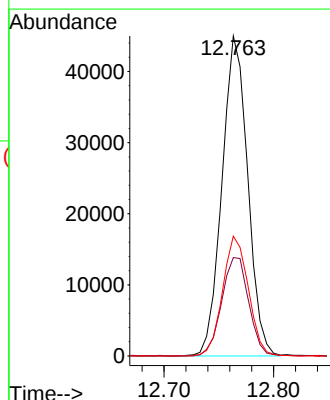
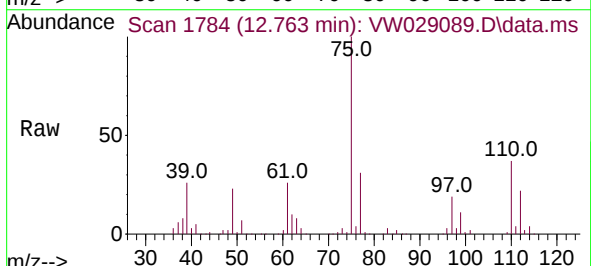
Tgt Ion: 75 Resp: 73393

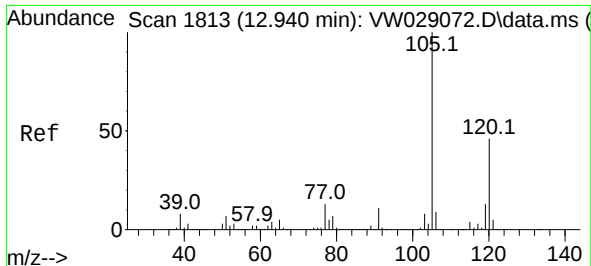
Ion Ratio Lower Upper

75 100

77 32.3 26.3 39.5

110 37.4 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 26.556 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

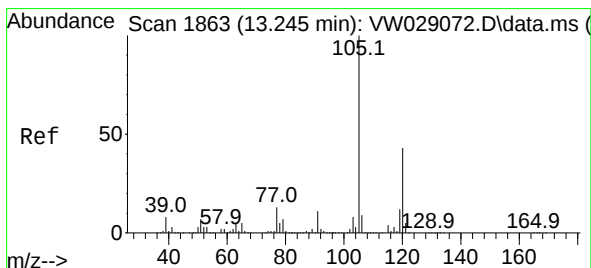
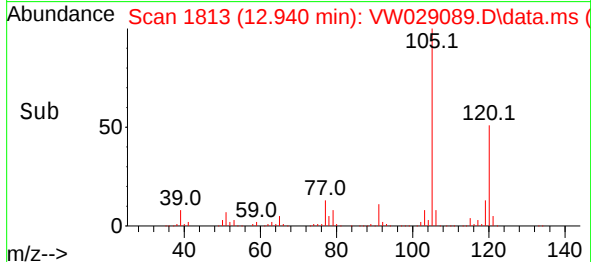
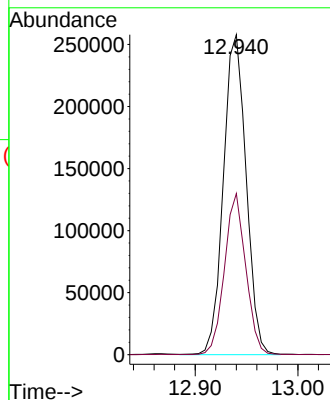
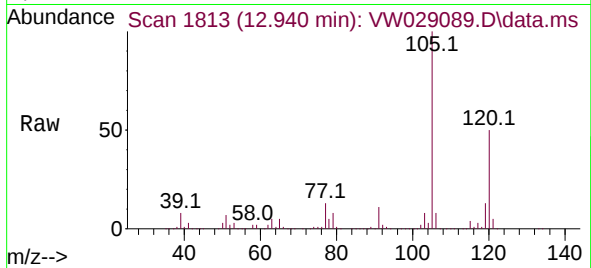
ClientSampleId :

Tgt Ion:105 Resp: 395585

Ion Ratio Lower Upper

105 100

120 47.3 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 26.751 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029089.D

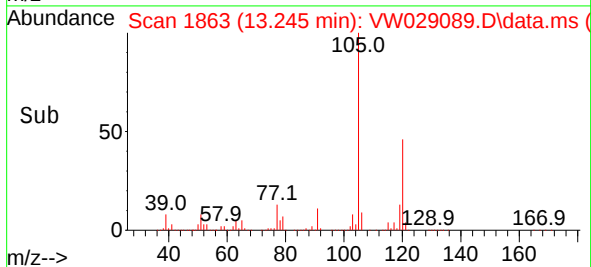
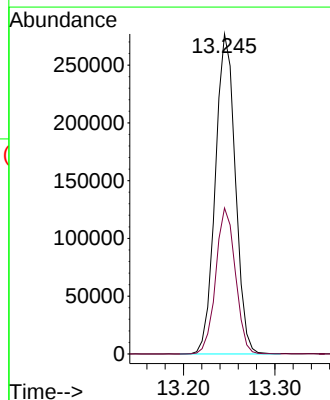
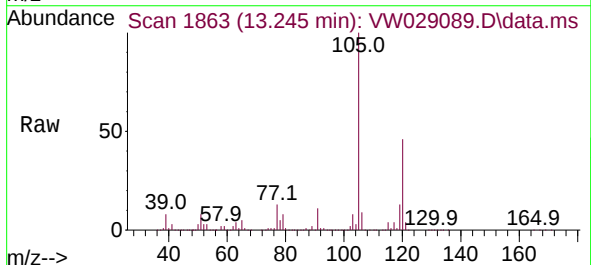
Acq: 10 Jun 2024 17:13

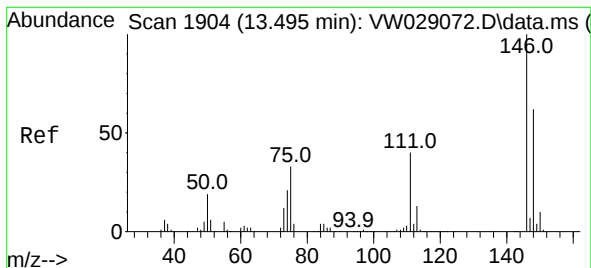
Tgt Ion:105 Resp: 421137

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 25.506 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

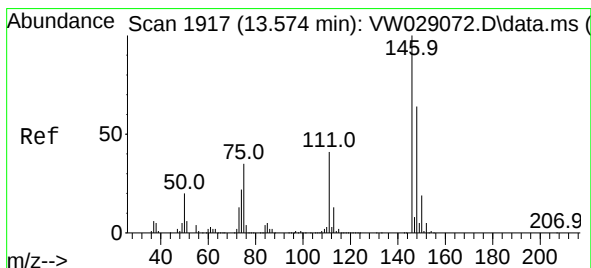
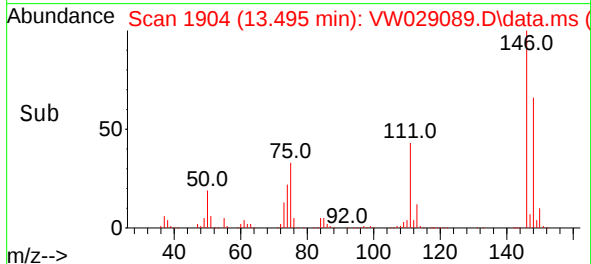
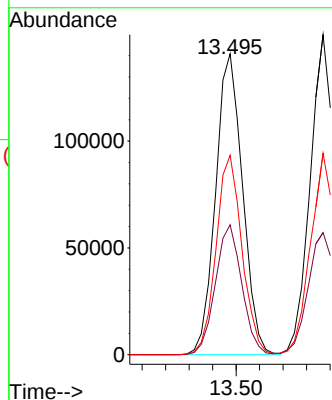
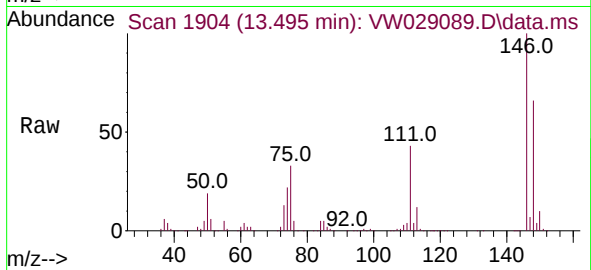
Tgt Ion:146 Resp: 224487

Ion Ratio Lower Upper

146 100

111 43.2 29.4 54.6

148 66.3 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 24.728 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

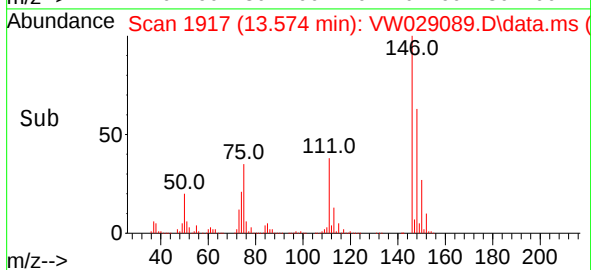
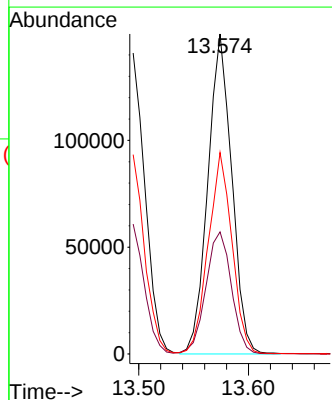
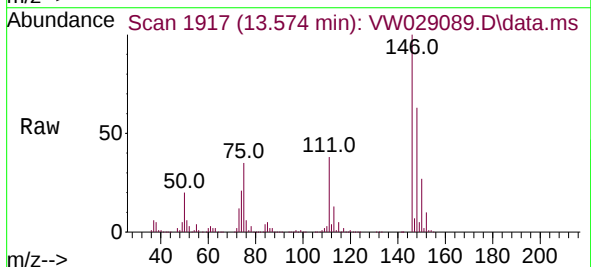
Tgt Ion:146 Resp: 227306

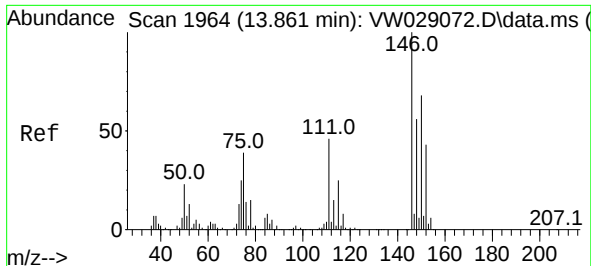
Ion Ratio Lower Upper

146 100

111 38.1 27.5 51.1

148 63.0 39.5 73.3

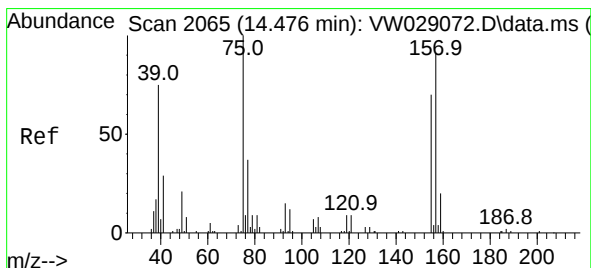
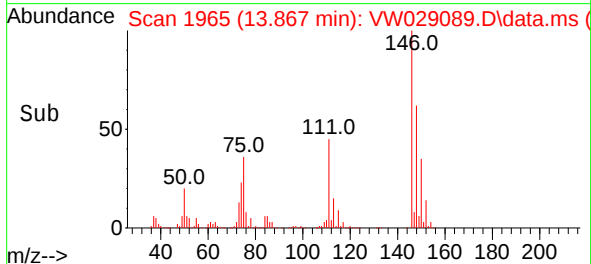
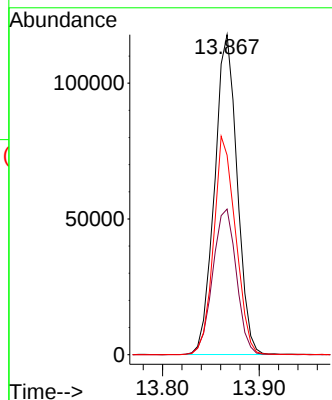
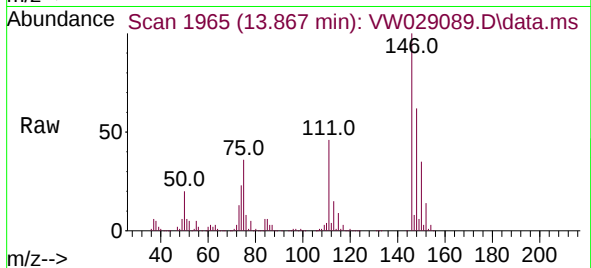




#67
1,2-Dichlorobenzene
Concen: 24.185 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

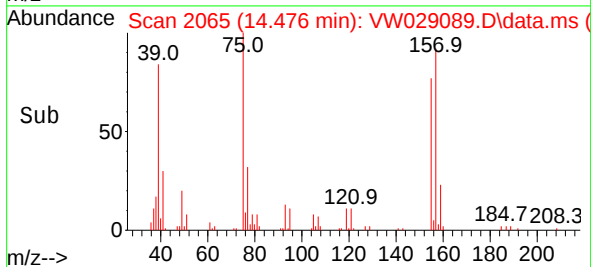
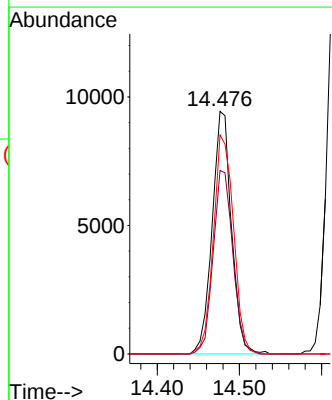
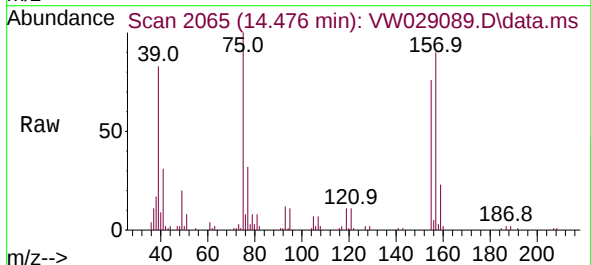
Instrument :
MSVOA_W
ClientSampleId :

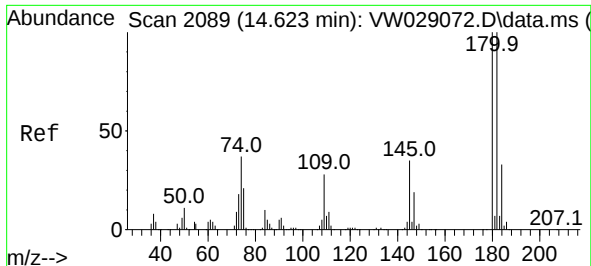
Tgt Ion:146 Resp: 190787
Ion Ratio Lower Upper
146 100
111 45.5 32.8 49.2
148 62.4 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 26.492 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029089.D
Acq: 10 Jun 2024 17:13

Tgt Ion: 75 Resp: 15414
Ion Ratio Lower Upper
75 100
155 75.6 52.3 78.5
157 90.2 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 25.174 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

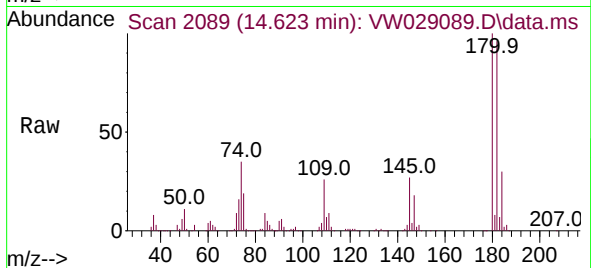
Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 152127

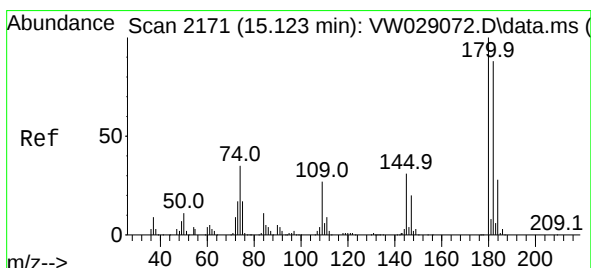
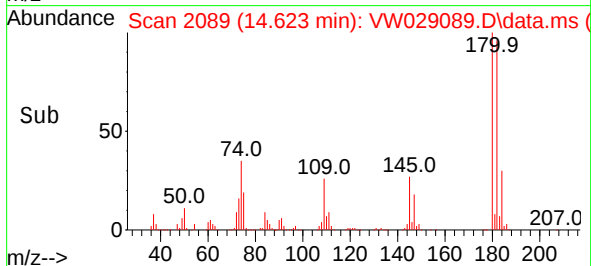
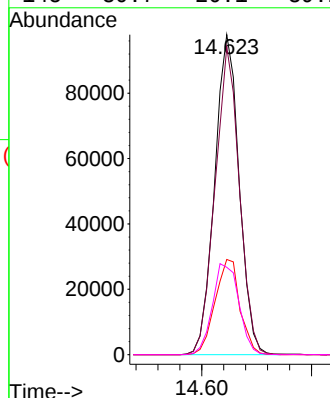
Ion Ratio Lower Upper

180 100

182 95.3 77.4 116.0

184 30.3 24.6 36.8

145 30.7 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 25.872 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

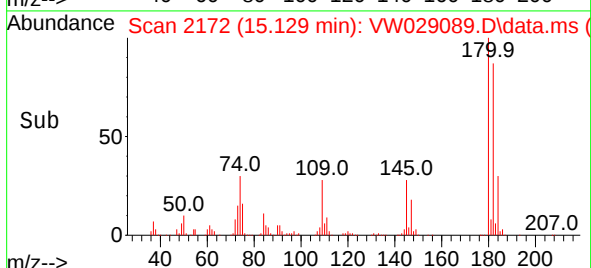
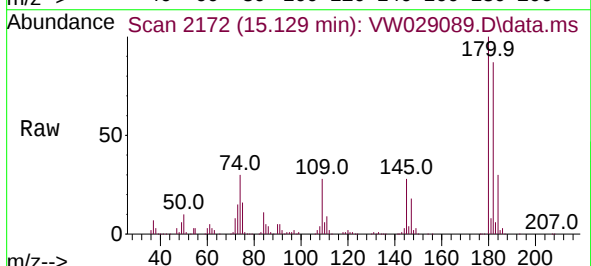
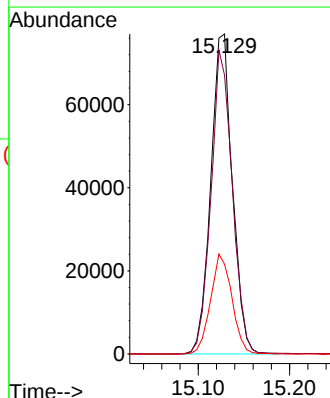
Tgt Ion:180 Resp: 126715

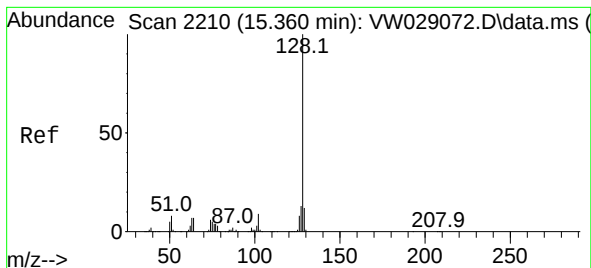
Ion Ratio Lower Upper

180 100

182 93.5 75.3 112.9

145 30.7 26.2 39.2





#71

Naphthalene

Concen: 30.436 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Instrument :

MSVOA_W

ClientSampleId :

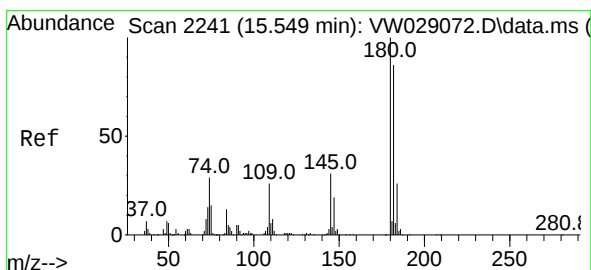
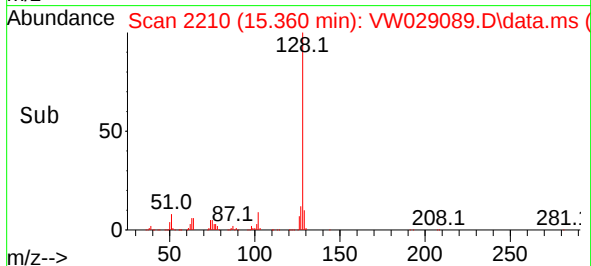
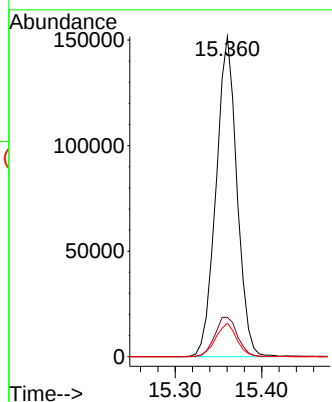
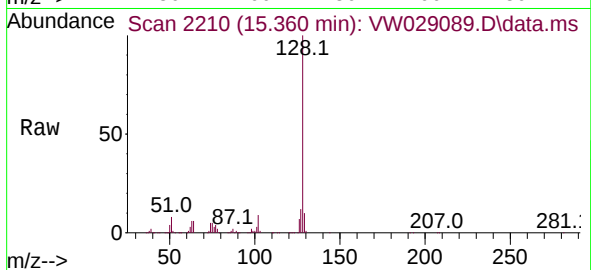
Tgt Ion:128 Resp: 253984

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.6 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 26.682 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029089.D

Acq: 10 Jun 2024 17:13

Tgt Ion:180 Resp: 111653

Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.0

145 34.0 26.6 39.8

