

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029272.D
 Acq On : 20 Jun 2024 21:43
 Operator : SY/MD
 Sample : P2964-10MSD
 Misc : 5.50g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 04:49:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	450555	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	377637	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143790	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	115208	18.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.880%
7) Chloroethane-d5	2.899	69	93855	17.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.280%
11) 1,1-Dichloroethene-d2	4.015	65	55915	18.570	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.280%
21) 2-Butanone-d5	7.075	46	94312	50.549	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.100%
24) Chloroform-d	7.648	84	277667	20.659	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.640%
26) 1,2-Dichloroethane-d4	8.301	65	162695	21.083	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.320%
32) Benzene-d6	8.270	84	531179	23.157	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	9.270	67	174148	23.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	10.325	98	464166	22.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.480%
43) trans-1,3-Dichloroprop...	10.575	79	66352	22.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.320%
47) 2-Hexanone-d5	10.922	63	67220	58.809	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142519	24.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	111264	22.293	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79262	18.032	ug/L	97
3) Chloromethane	2.222	50	120003	19.146	ug/L	98
5) Vinyl chloride	2.375	62	135651	18.846	ug/L	97
6) Bromomethane	2.783	94	76679	17.725	ug/L	96
8) Chloroethane	2.930	64	87511	19.878	ug/L	99
9) Trichlorofluoromethane	3.265	101	123862	22.196	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	121479	19.744	ug/L	94
12) 1,1-Dichloroethene	4.045	96	114390	21.911	ug/L	89
13) Acetone	4.118	43	58332	36.789	ug/L	94
14) Carbon disulfide	4.393	76	306104	17.961	ug/L	100
15) Methyl Acetate	4.673	43	73102	23.224	ug/L	99
16) Methylene chloride	4.923	84	146301	18.467	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	122911	21.200	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	248251	26.763	ug/L	99
19) 1,1-Dichloroethane	6.216	63	277185	22.136	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	145873	22.816	ug/L	99
22) 2-Butanone	7.167	43	101329	46.620	ug/L	98
23) Bromochloromethane	7.514	128	63425	22.285	ug/L	96
25) Chloroform	7.673	83	265476	21.712	ug/L	96

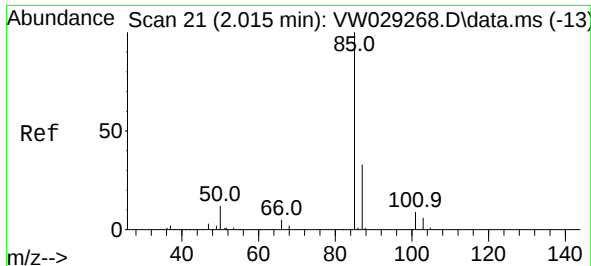
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	196816	21.825	ug/L	99
29) Cyclohexane	7.953	56	199014	23.052	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	203663	24.253	ug/L	96
31) Carbon tetrachloride	8.069	117	176128	22.960	ug/L	96
33) Benzene	8.319	78	556573	24.529	ug/L	100
34) Trichloroethene	9.087	95	136272	22.511	ug/L	92
35) Methylcyclohexane	9.337	83	174792	18.360	ug/L	97
37) 1,2-Dichloropropane	9.367	63	158992	24.936	ug/L	98
38) Bromodichloromethane	9.642	83	190111	24.387	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	222405	24.677	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	237517	60.103	ug/L	99
42) Toluene	10.386	91	556524	23.858	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	189422	24.890	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	111846	25.187	ug/L	95
46) Tetrachloroethene	10.861	164	87549	20.689	ug/L	93
48) 2-Hexanone	10.965	43	162565	57.974	ug/L	98
49) Dibromochloromethane	11.123	129	115987	24.987	ug/L	98
50) 1,2-Dibromoethane	11.233	107	102635	25.748	ug/L	94
51) Chlorobenzene	11.654	112	330969	21.849	ug/L	97
52) Ethylbenzene	11.727	91	599826	22.653	ug/L	98
53) m,p-Xylene	11.836	106	217130	22.450	ug/L	83
54) o-Xylene	12.160	106	214499	23.730	ug/L	98
55) Styrene	12.178	104	354212	22.475	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	135440	24.658	ug/L	98
59) Bromoform	12.349	173	65889	33.434	ug/L	99
60) Isopropylbenzene	12.458	105	546704	28.534	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	104270	33.246	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	394515	28.432	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	422433	28.295	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	192837	23.258	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	207282	23.497	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	177416	23.146	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	22344	30.529	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	90150	16.110	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	73083	16.111	ug/L	99
71) Naphthalene	15.360	128	212894	23.779	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	63738	15.421	ug/L	98

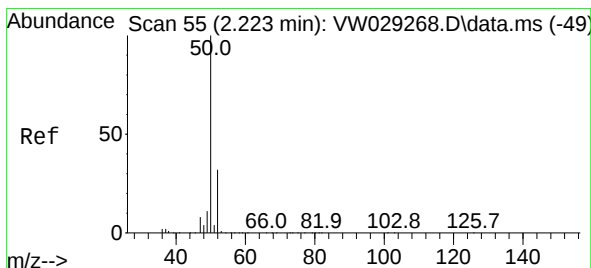
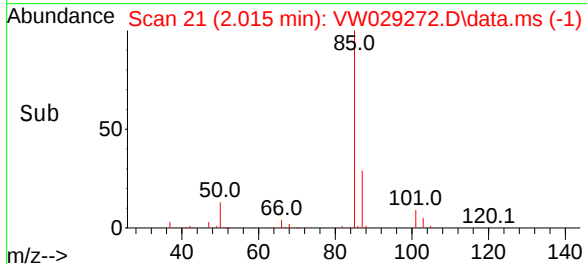
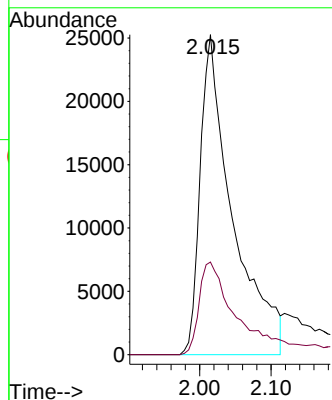
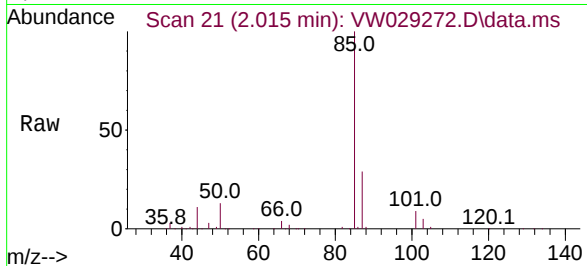
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#2
Dichlorodifluoromethane
Concen: 18.032 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

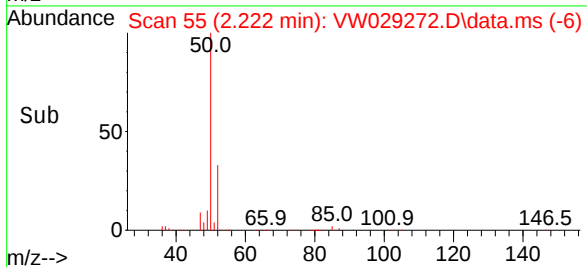
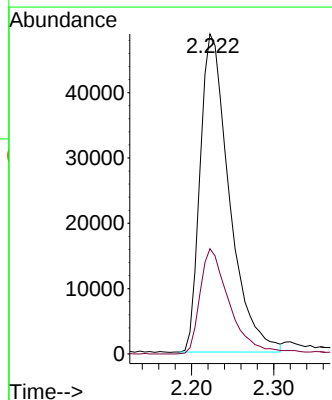
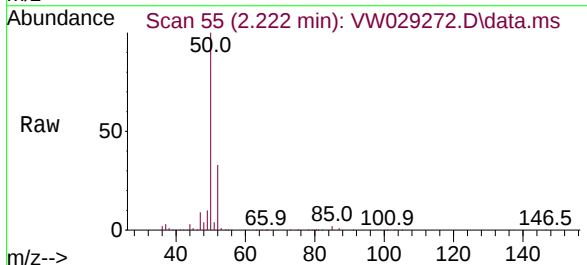
Instrument :
MSVOA_W
ClientSampleId :

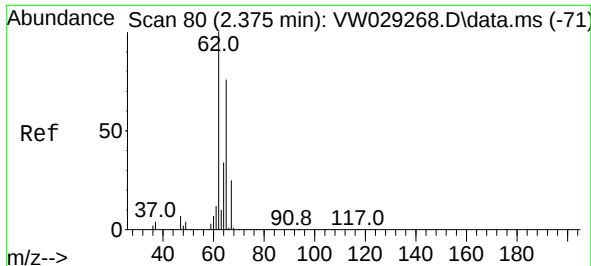
Tgt Ion: 85 Resp: 79262
Ion Ratio Lower Upper
85 100
87 28.2 23.8 35.6



#3
Chloromethane
Concen: 19.146 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion: 50 Resp: 120003
Ion Ratio Lower Upper
50 100
52 32.9 22.3 41.5

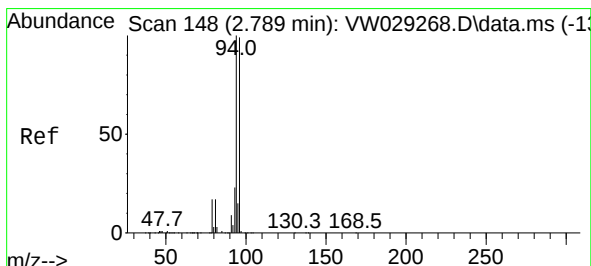
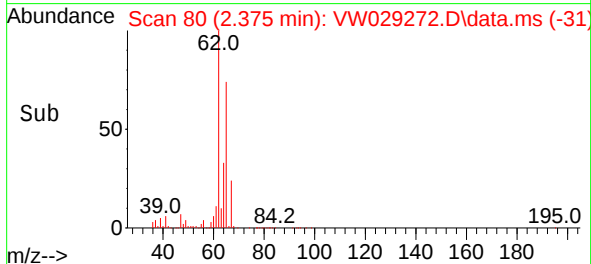
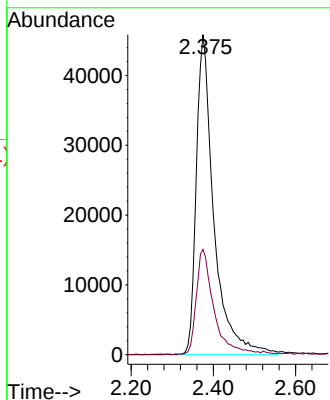
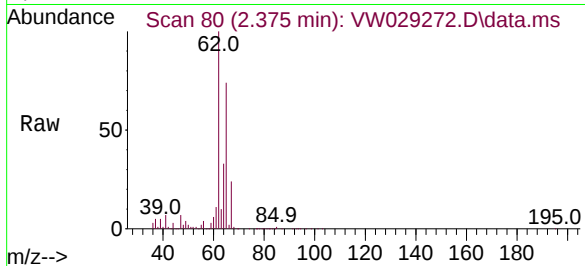




#5
 Vinyl chloride
 Concen: 18.846 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029272.D
 Acq: 20 Jun 2024 21:43

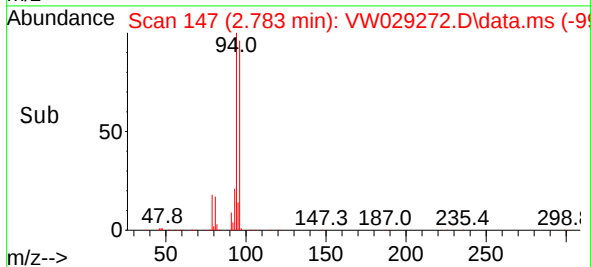
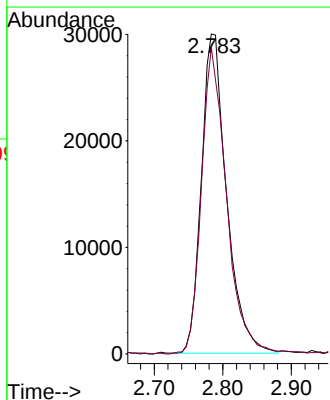
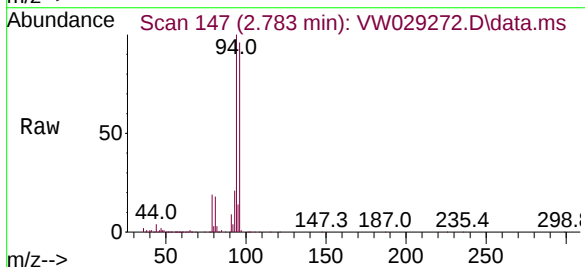
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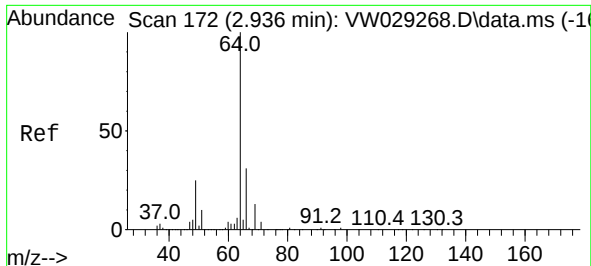
Tgt Ion: 62 Resp: 135651
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.0 40.8



#6
 Bromomethane
 Concen: 17.725 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029272.D
 Acq: 20 Jun 2024 21:43

Tgt Ion: 94 Resp: 76679
 Ion Ratio Lower Upper
 94 100
 96 95.8 69.5 129.1

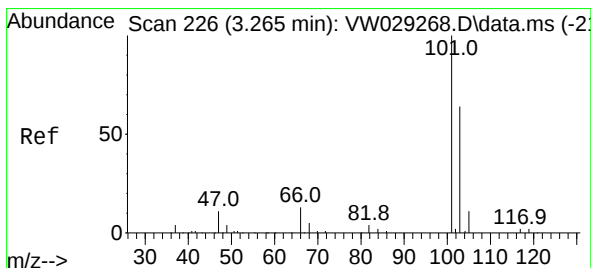
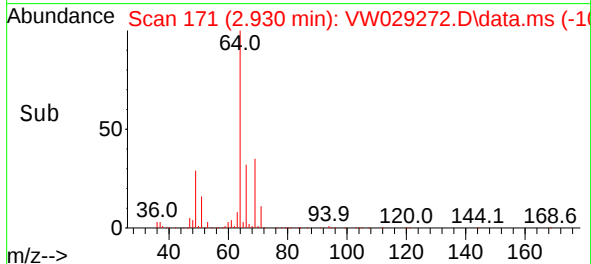
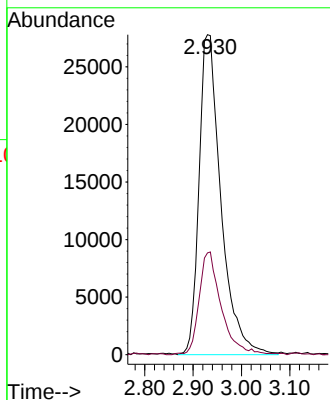
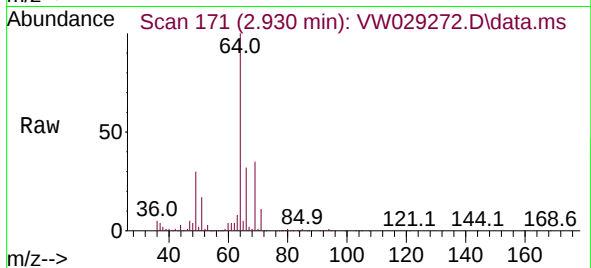




#8
Chloroethane
Concen: 19.878 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

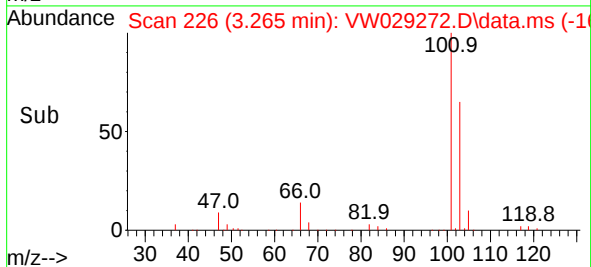
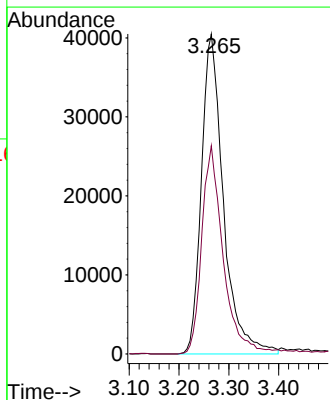
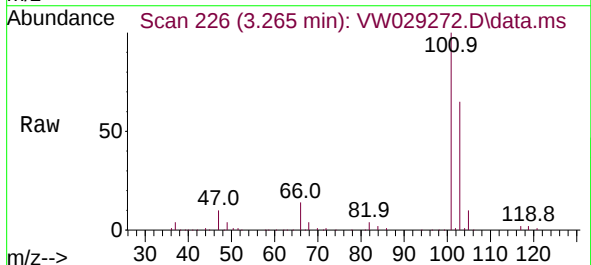
Instrument :
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ClientSampleId :

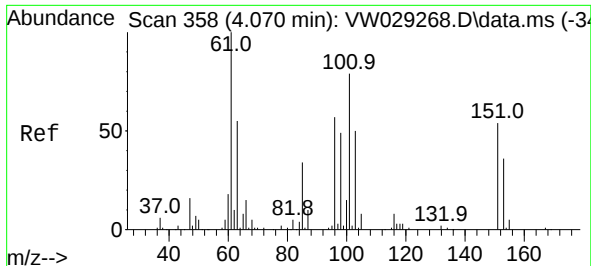
Tgt Ion: 64 Resp: 87511
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.196 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion:101 Resp: 123862
Ion Ratio Lower Upper
101 100
103 62.3 50.8 76.2





#10

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

Concen: 19.744 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

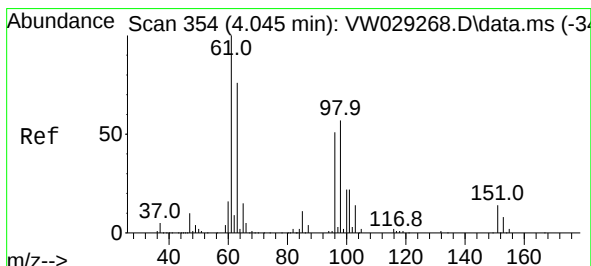
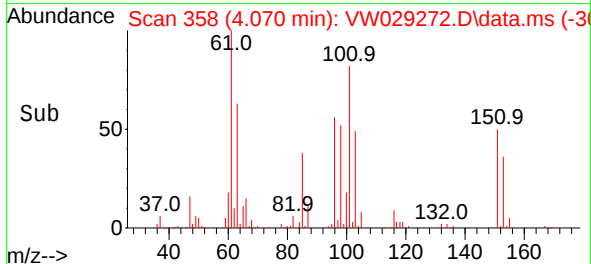
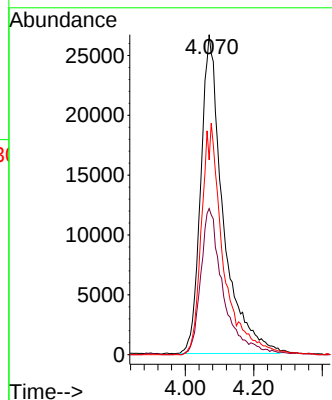
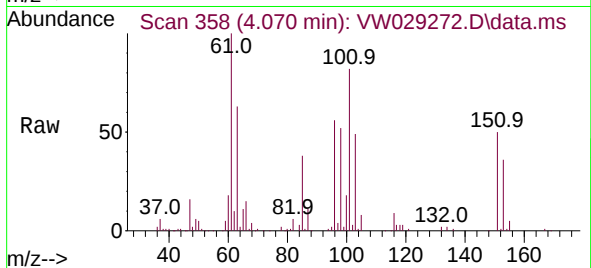
Tgt Ion:101 Resp: 121479

Ion Ratio Lower Upper

101 100

85 43.8 30.2 45.2

151 62.9 52.2 78.4



#12

1,1-Dichloroethene

Concen: 21.911 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

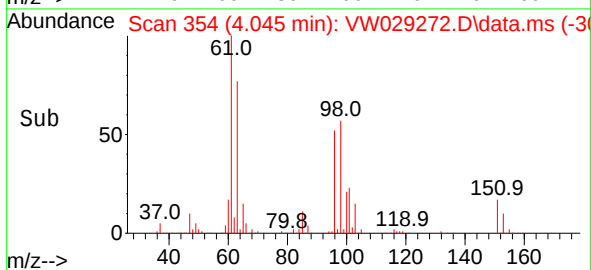
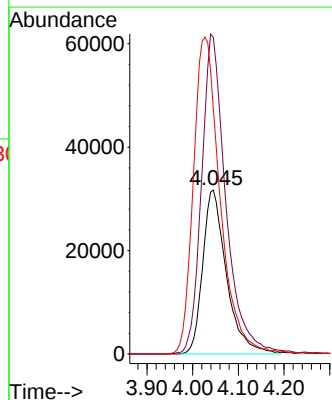
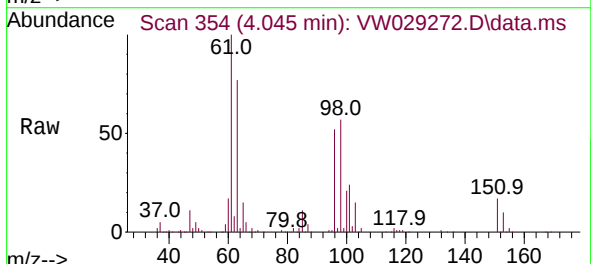
Tgt Ion: 96 Resp: 114390

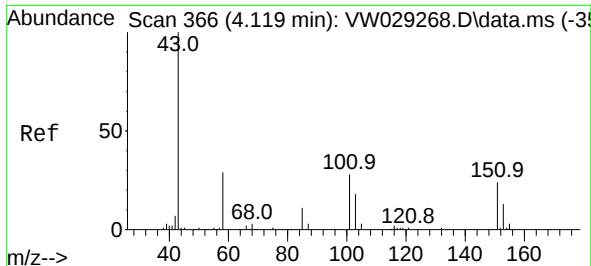
Ion Ratio Lower Upper

96 100

61 193.0 140.1 260.3

63 149.6 122.0 226.6

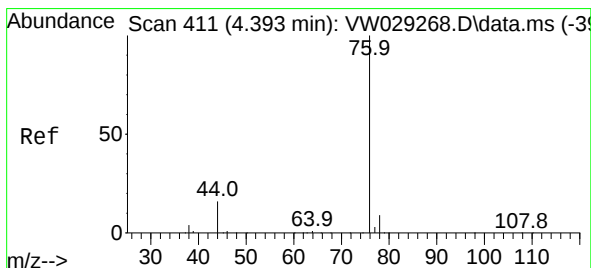
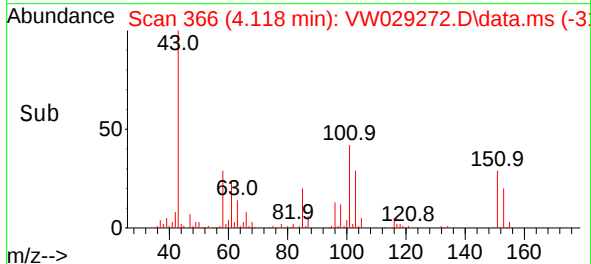
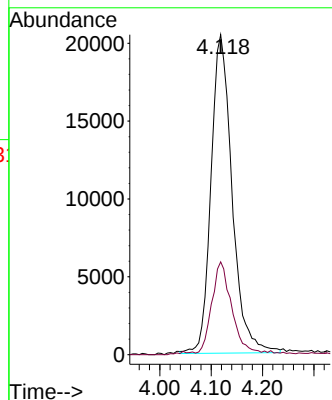
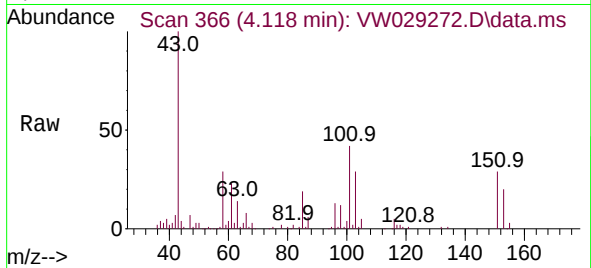




#13
Acetone
Concen: 36.789 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

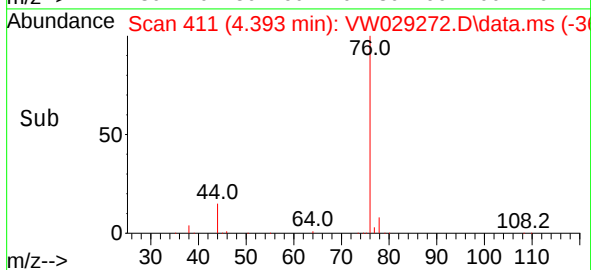
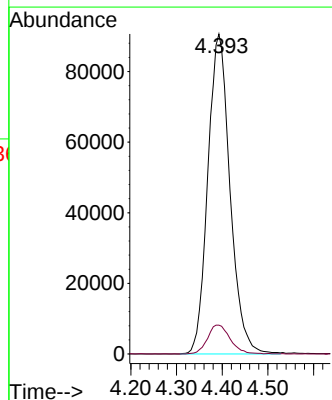
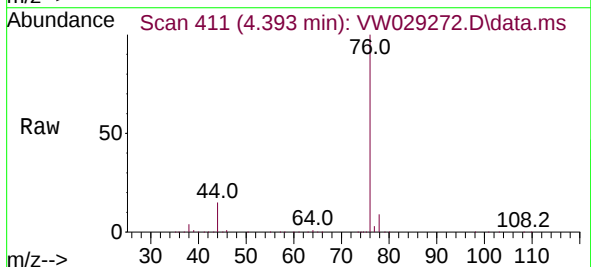
Instrument :
MSVOA_W
ClientSampleId :

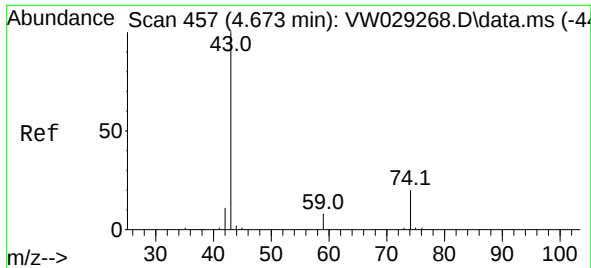
Tgt Ion: 43 Resp: 58332
Ion Ratio Lower Upper
43 100
58 27.7 0.0 61.4



#14
Carbon disulfide
Concen: 17.961 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion: 76 Resp: 306104
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

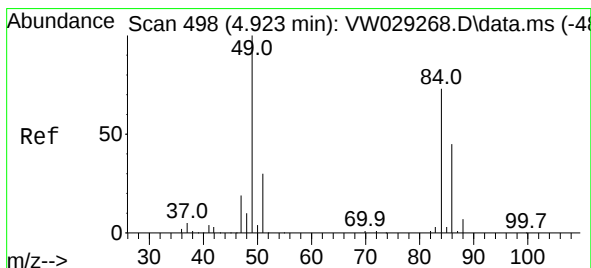
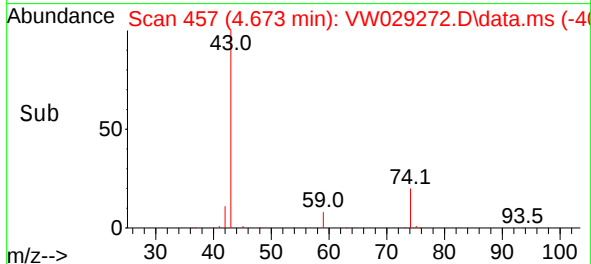
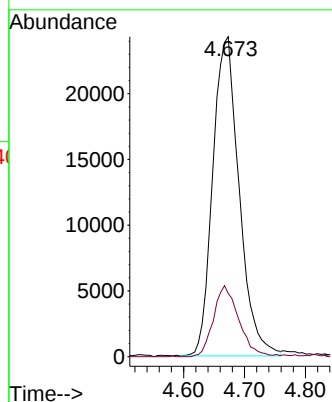
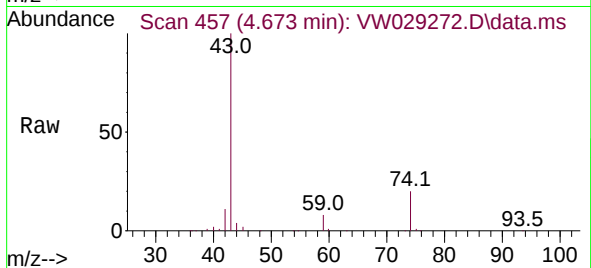




#15
Methyl Acetate
Concen: 23.224 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

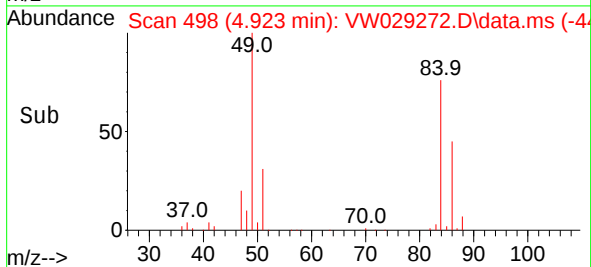
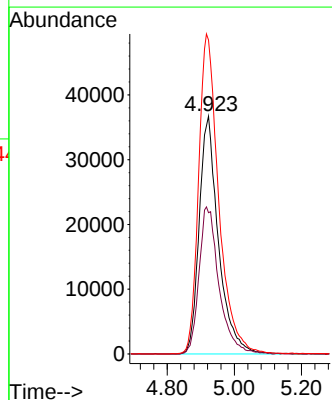
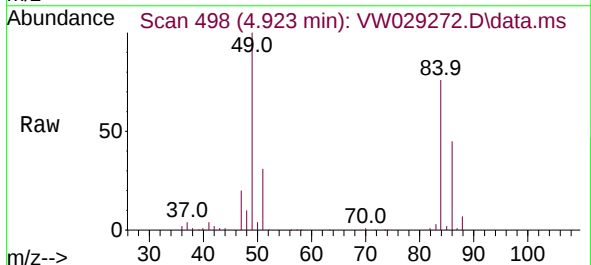
Instrument :
MSVOA_W
ClientSampleId :

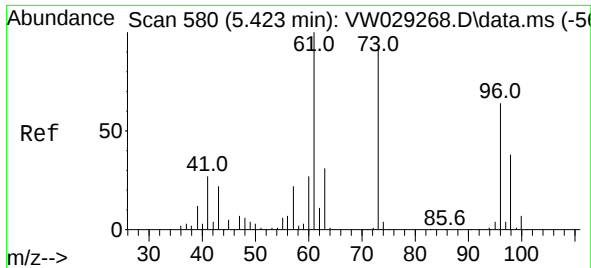
Tgt Ion: 43 Resp: 73102
Ion Ratio Lower Upper
43 100
74 21.3 16.6 25.0



#16
Methylene chloride
Concen: 18.467 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion: 84 Resp: 146301
Ion Ratio Lower Upper
84 100
86 59.4 41.4 77.0
49 132.0 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 21.200 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

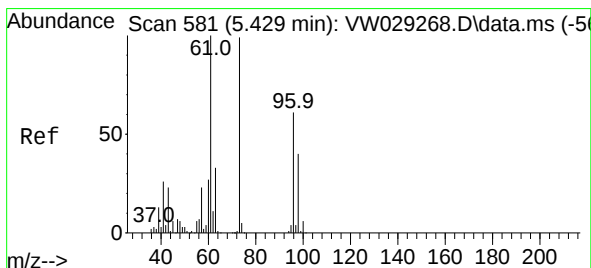
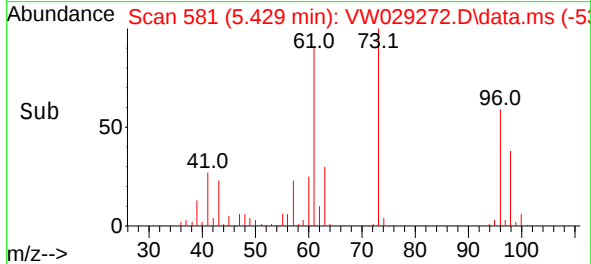
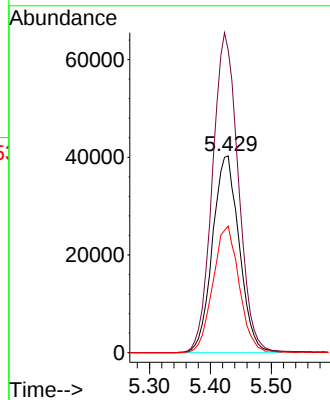
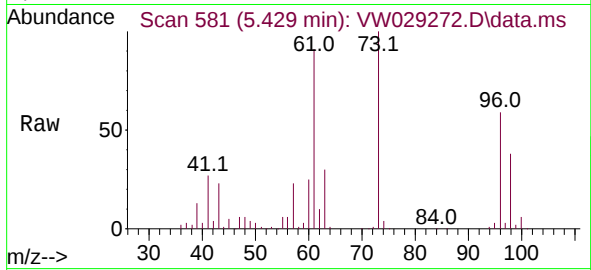
Tgt Ion: 96 Resp: 122911

Ion Ratio Lower Upper

96 100

61 153.7 101.5 188.5

98 64.3 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 26.763 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

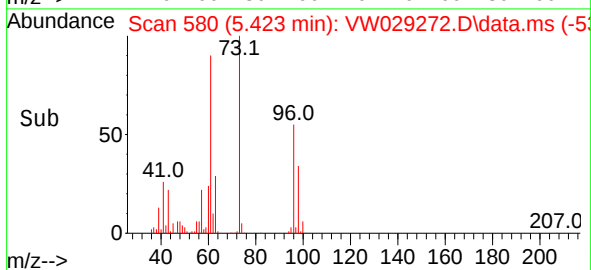
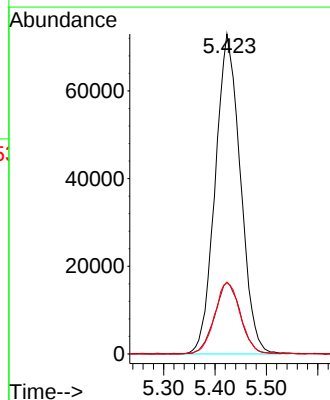
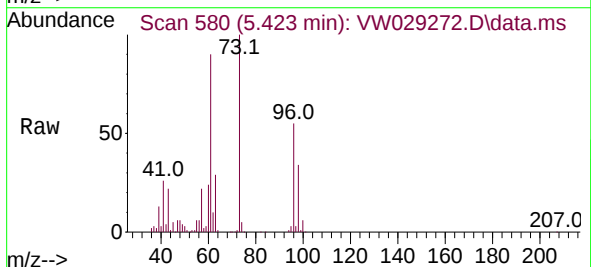
Tgt Ion: 73 Resp: 248251

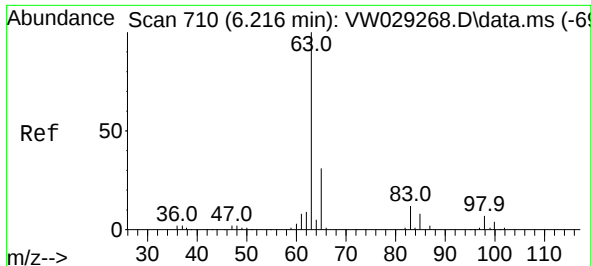
Ion Ratio Lower Upper

73 100

43 23.0 19.5 29.3

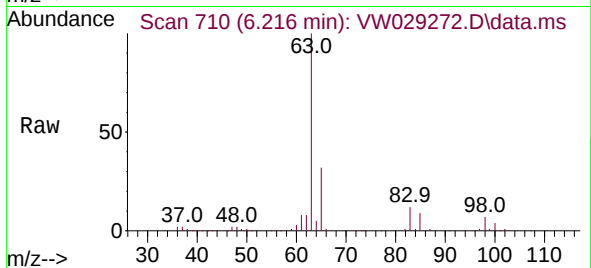
57 23.0 18.4 27.6



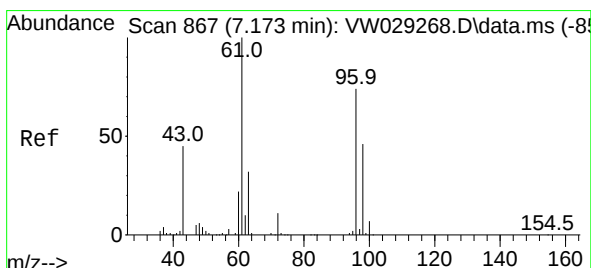
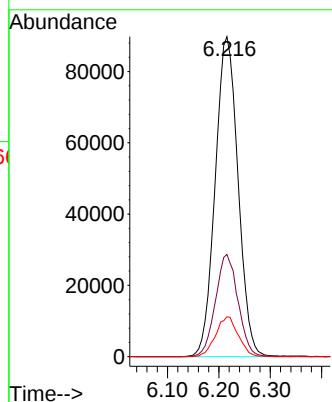
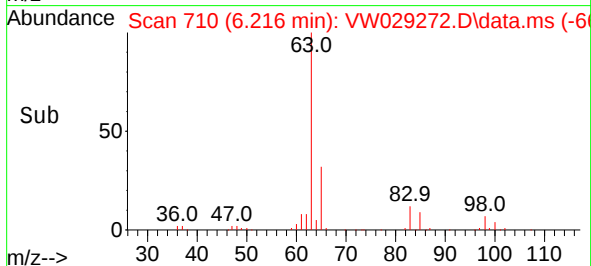


#19
1,1-Dichloroethane
Concen: 22.136 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Instrument :
MSVOA_W
ClientSampleId :

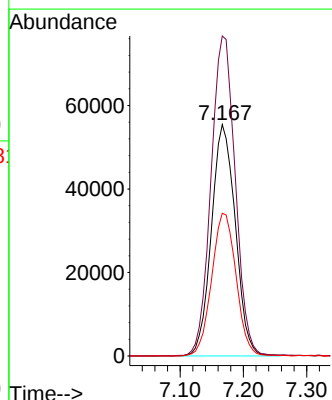
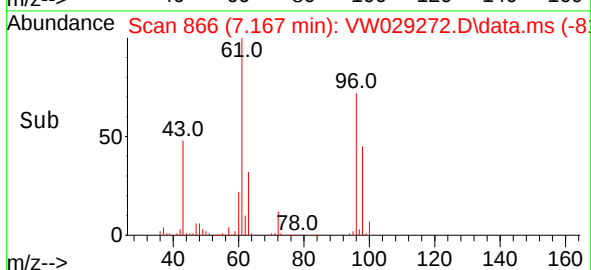
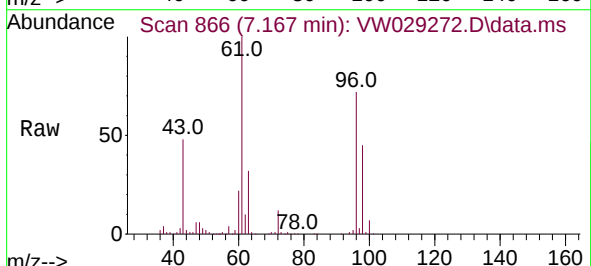


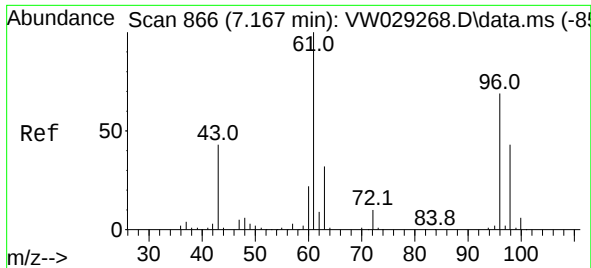
Tgt Ion: 63 Resp: 277185
Ion Ratio Lower Upper
63 100
65 32.0 23.4 43.4
83 12.5 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 22.816 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion: 96 Resp: 145873
Ion Ratio Lower Upper
96 100
61 138.3 97.8 181.6
98 61.7 43.0 79.8

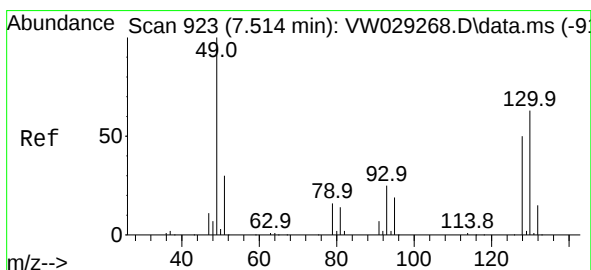
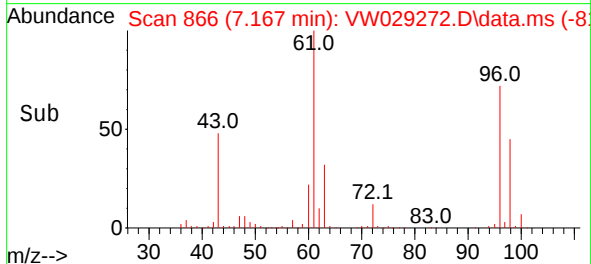
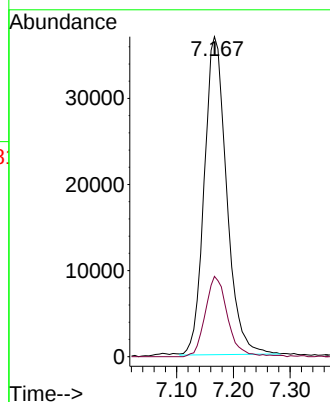
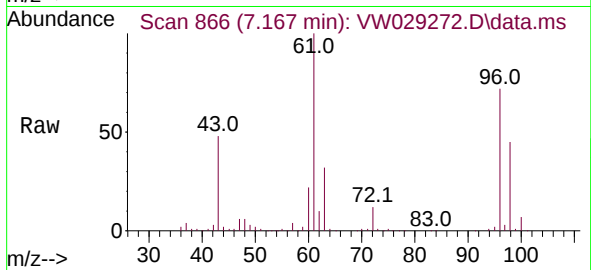




#22
2-Butanone
Concen: 46.620 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

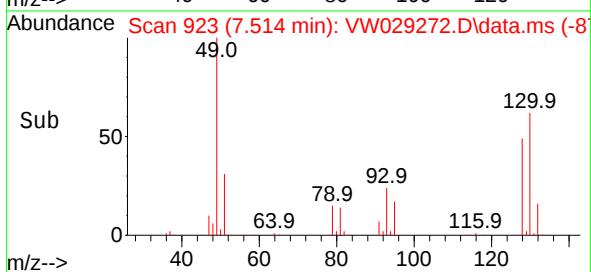
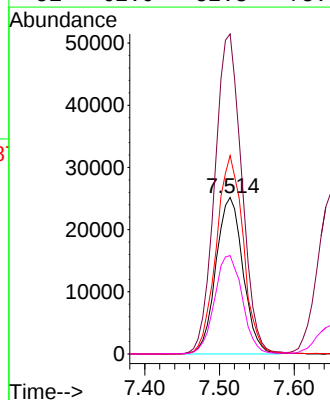
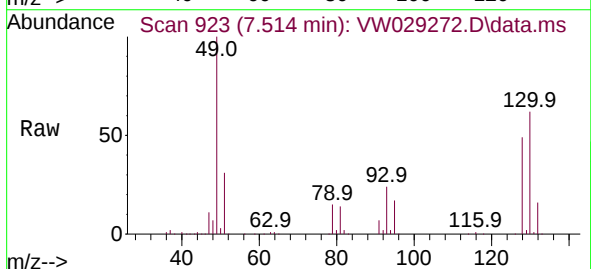
Instrument :
MSVOA_W
ClientSampleId :

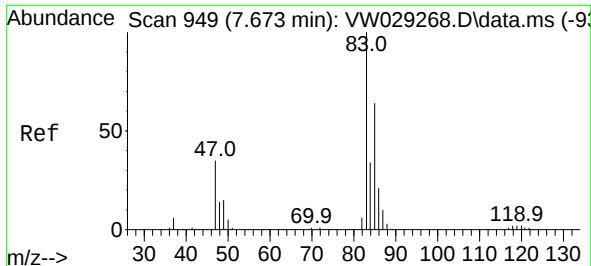
Tgt Ion: 43 Resp: 101329
Ion Ratio Lower Upper
43 100
72 24.9 11.9 35.7



#23
Bromochloromethane
Concen: 22.285 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion:128 Resp: 63425
Ion Ratio Lower Upper
128 100
49 204.5 142.6 264.8
130 126.7 79.7 148.1
51 62.9 52.3 78.5





#25

Chloroform

Concen: 21.712 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

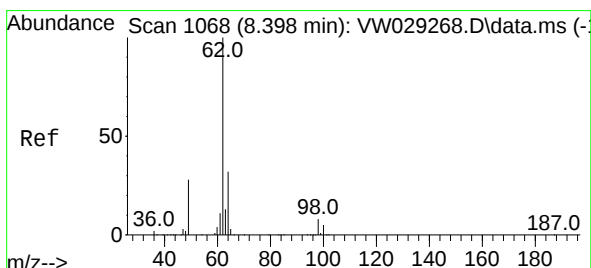
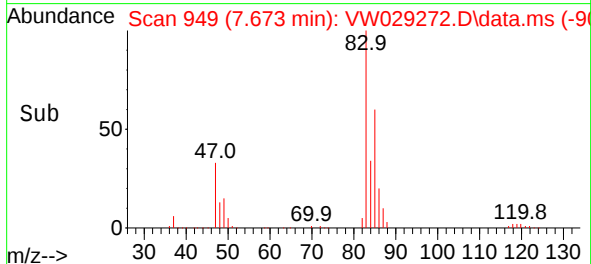
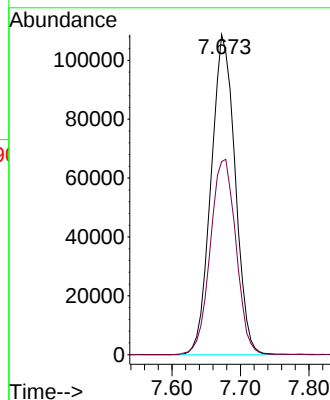
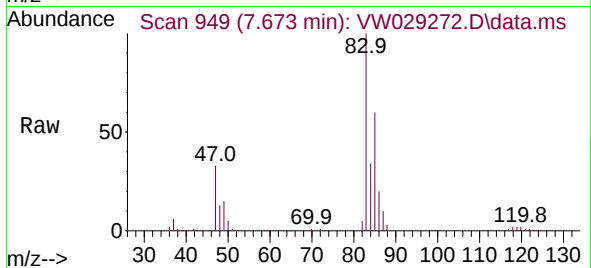
ClientSampleId :

Tgt Ion: 83 Resp: 265476

Ion Ratio Lower Upper

83 100

85 60.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.825 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029272.D

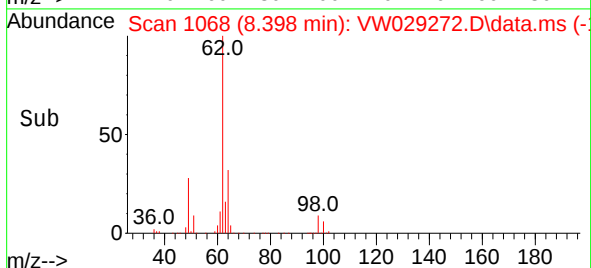
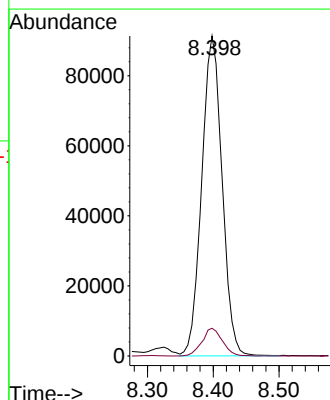
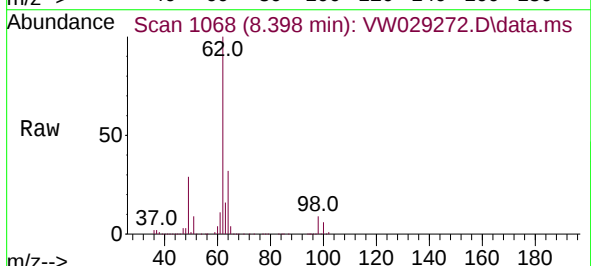
Acq: 20 Jun 2024 21:43

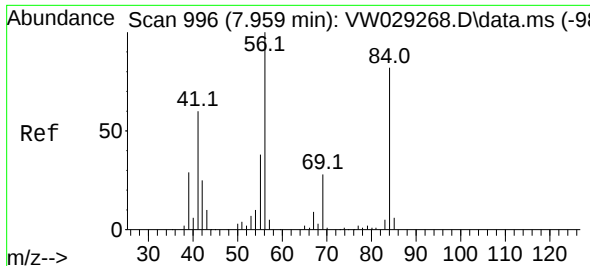
Tgt Ion: 62 Resp: 196816

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 23.052 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

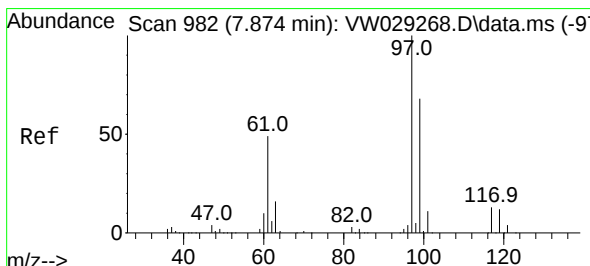
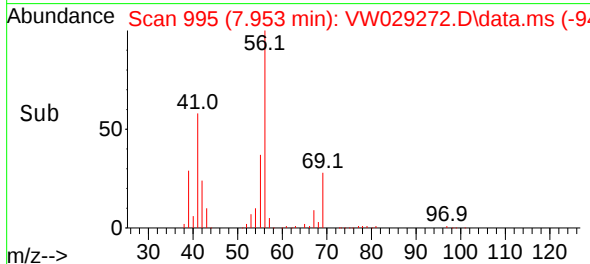
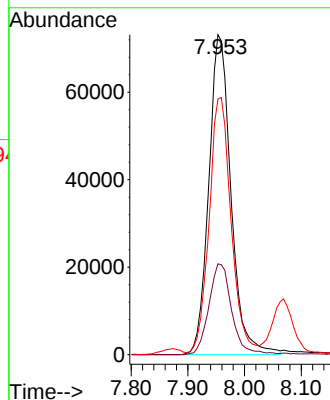
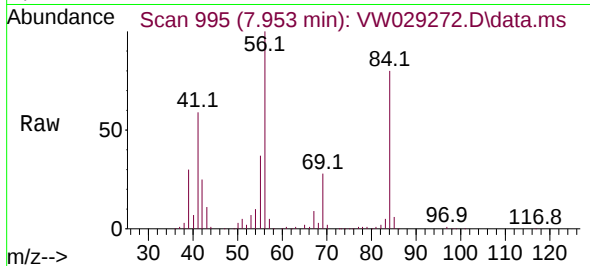
Tgt Ion: 56 Resp: 199014

Ion Ratio Lower Upper

56 100

69 28.8 23.4 35.0

84 79.9 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 24.253 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

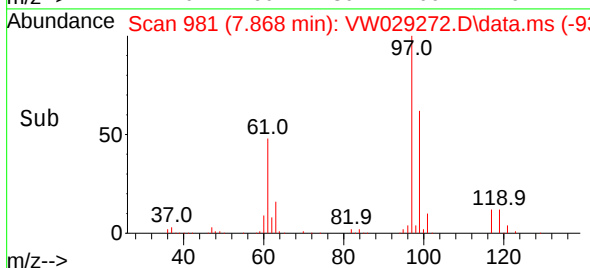
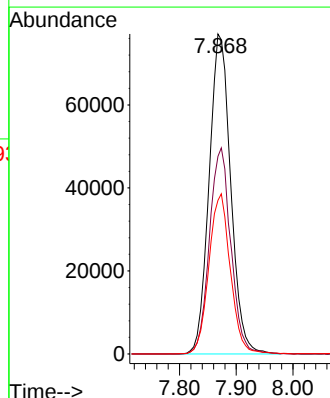
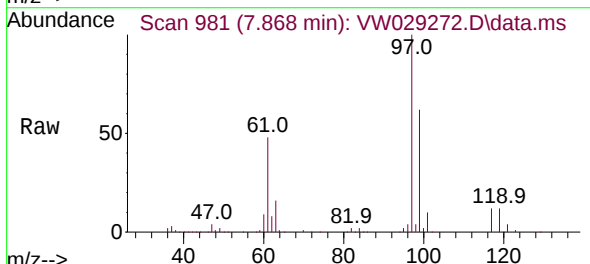
Tgt Ion: 97 Resp: 203663

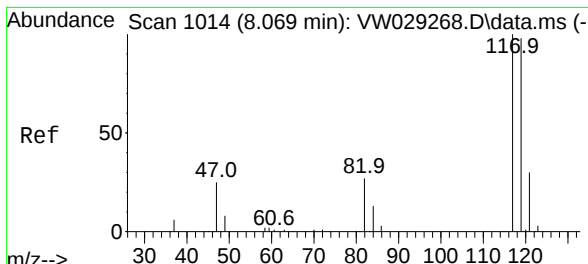
Ion Ratio Lower Upper

97 100

99 64.0 53.0 79.4

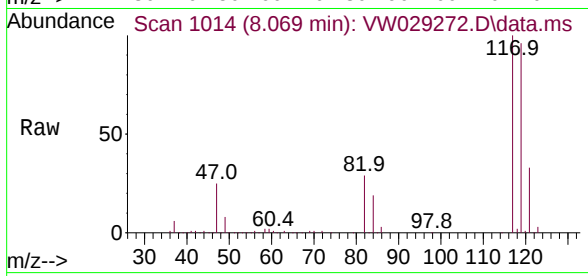
61 49.9 43.0 64.4



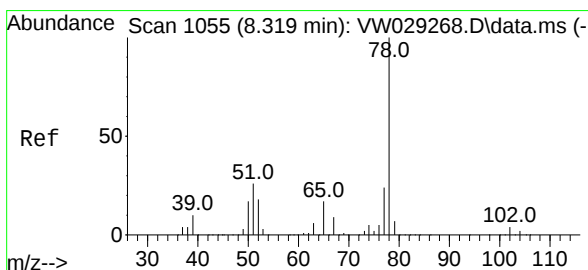
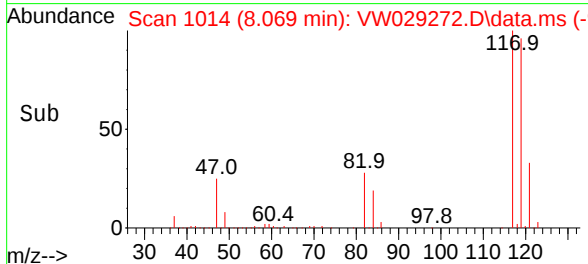
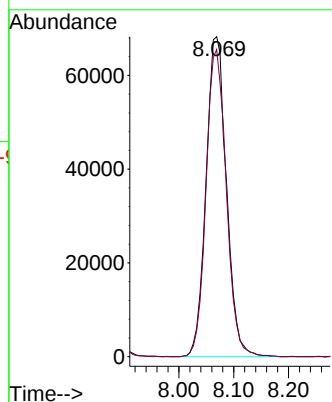


#31
Carbon tetrachloride
Concen: 22.960 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Instrument :
MSVOA_W
ClientSampleId :

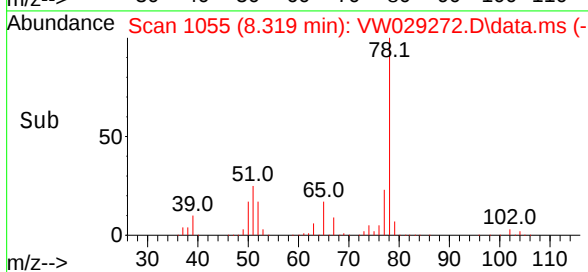
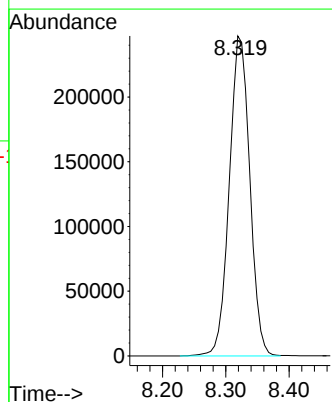
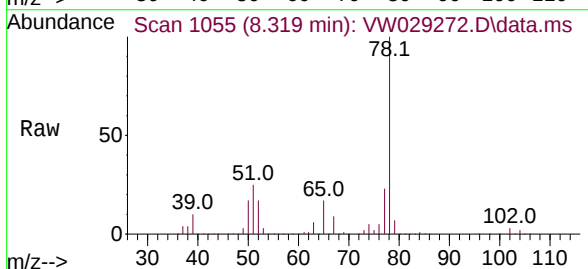


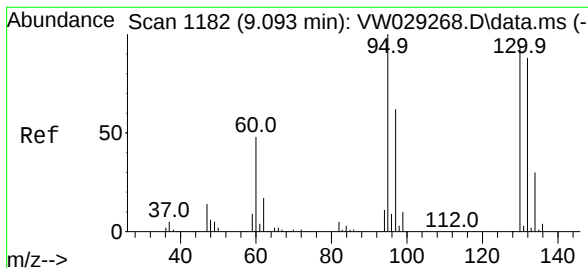
Tgt Ion:117 Resp: 176128
Ion Ratio Lower Upper
117 100
119 95.2 79.0 118.4



#33
Benzene
Concen: 24.529 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion: 78 Resp: 556573





#34

Trichloroethene

Concen: 22.511 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 136272

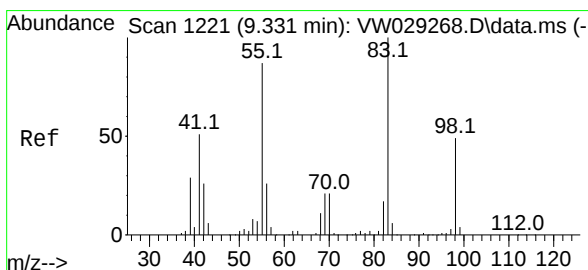
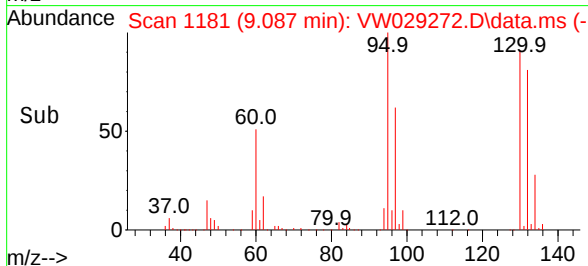
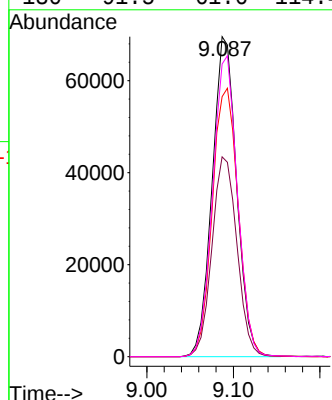
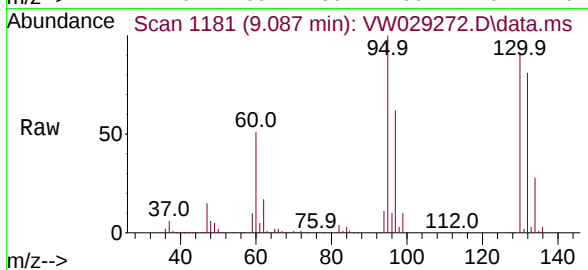
Ion Ratio Lower Upper

95 100

97 62.5 45.7 84.9

132 81.2 66.4 123.4

130 91.5 61.6 114.4



#35

Methylcyclohexane

Concen: 18.360 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

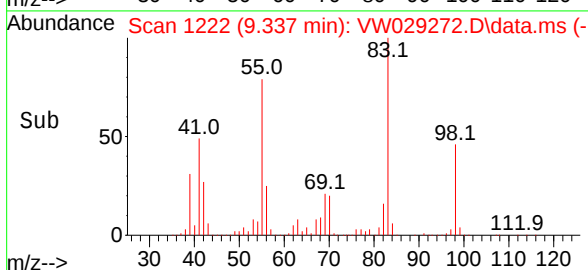
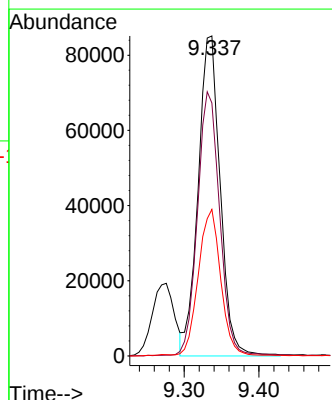
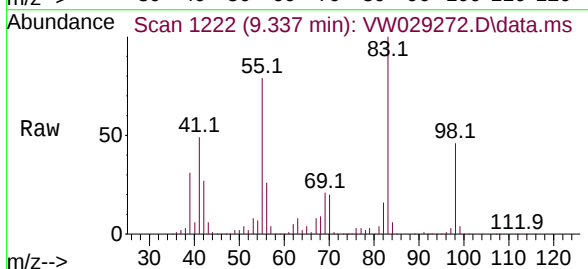
Tgt Ion: 83 Resp: 174792

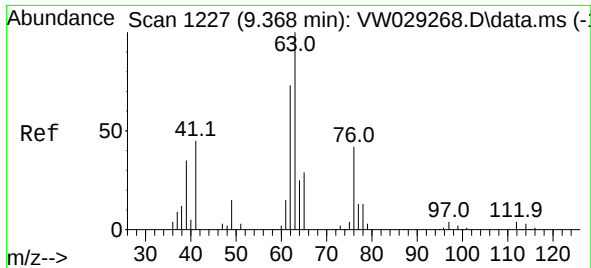
Ion Ratio Lower Upper

83 100

55 83.3 69.5 104.3

98 45.9 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.936 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

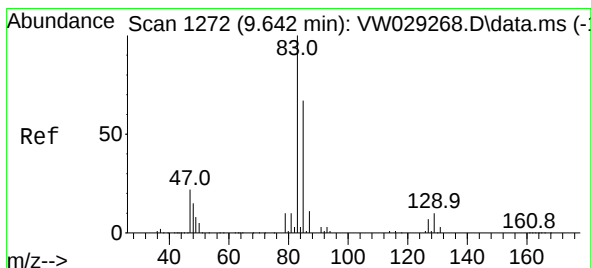
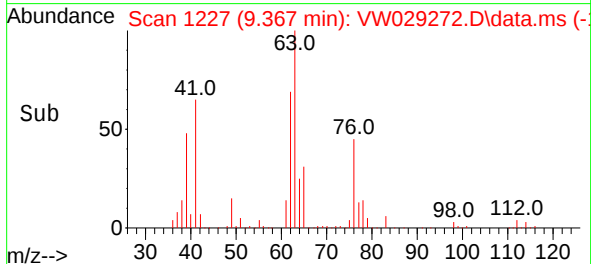
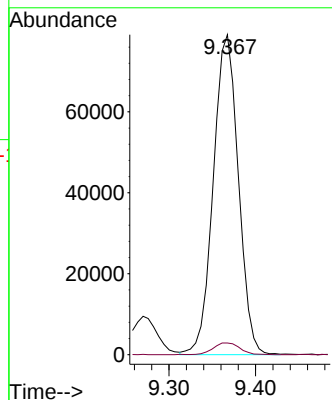
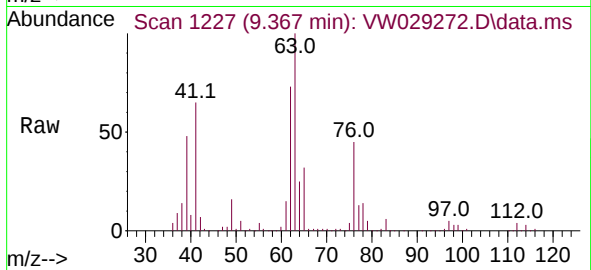
ClientSampleId :

Tgt Ion: 63 Resp: 158992

Ion Ratio Lower Upper

63 100

112 3.9 3.8 5.6



#38

Bromodichloromethane

Concen: 24.387 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

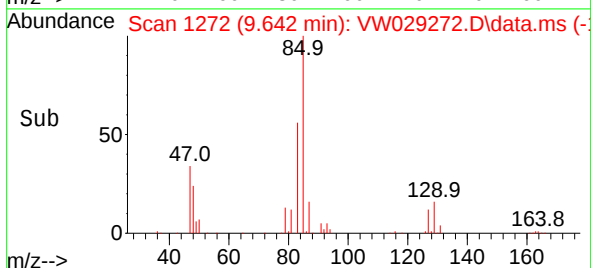
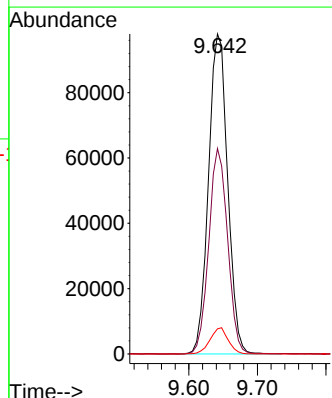
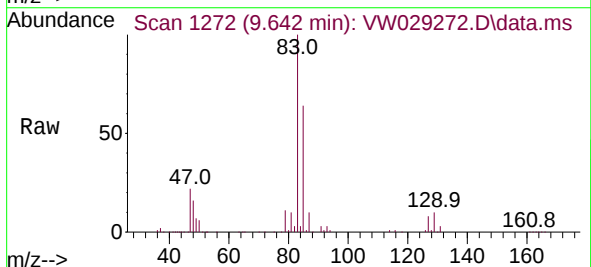
Tgt Ion: 83 Resp: 190111

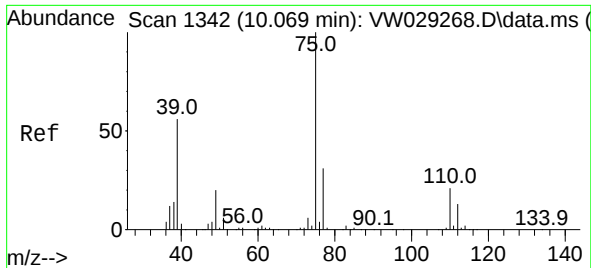
Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9

127 7.9 5.8 8.6

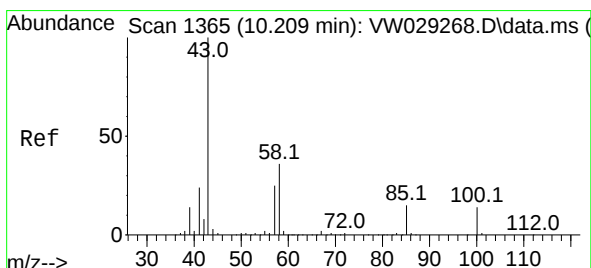
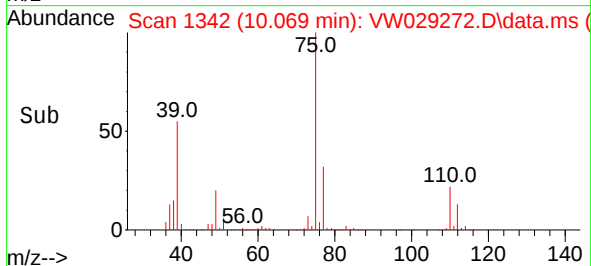
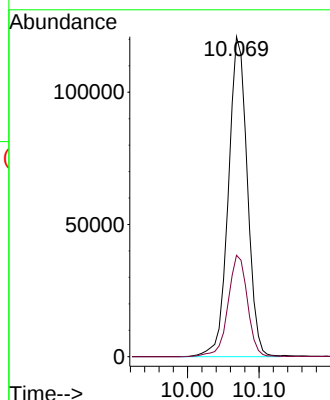
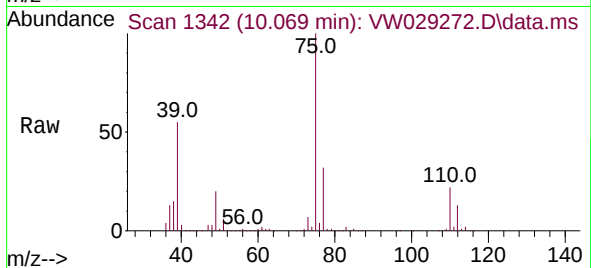




#39
cis-1,3-Dichloropropene
Concen: 24.677 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

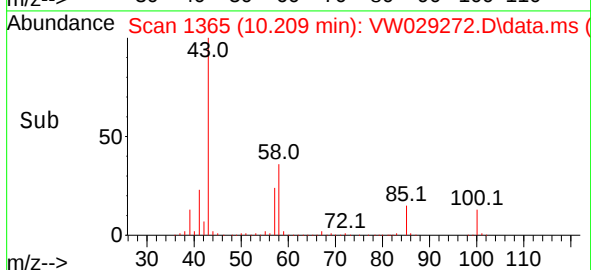
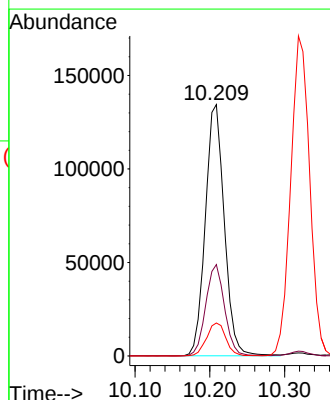
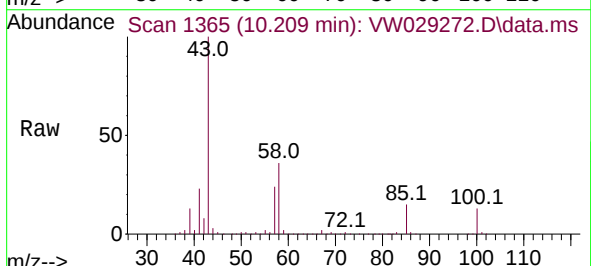
Instrument :
MSVOA_W
ClientSampleId :

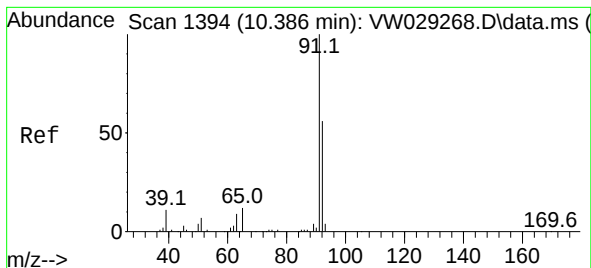
Tgt Ion: 75 Resp: 222405
Ion Ratio Lower Upper
75 100
77 31.7 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 60.103 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion: 43 Resp: 237517
Ion Ratio Lower Upper
43 100
58 36.2 28.2 42.4
100 13.4 11.0 16.4





#42

Toluene

Concen: 23.858 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

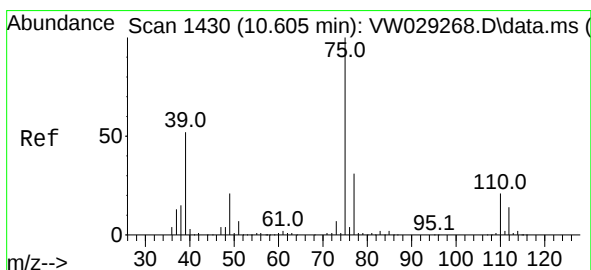
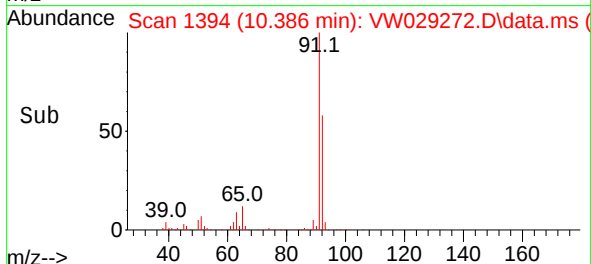
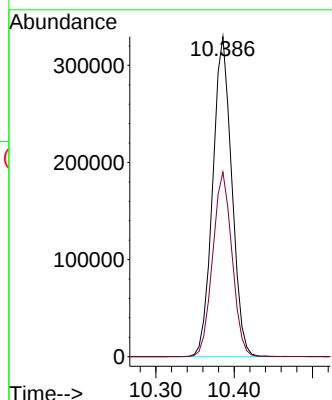
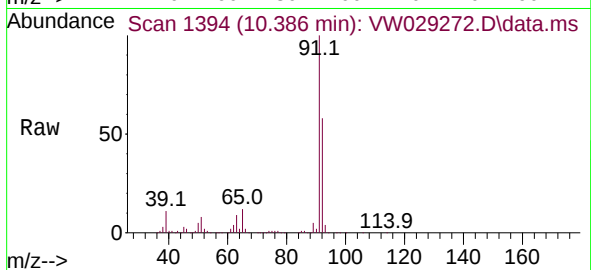
ClientSampleId :

Tgt Ion: 91 Resp: 556524

Ion Ratio Lower Upper

91 100

92 57.7 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 24.890 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029272.D

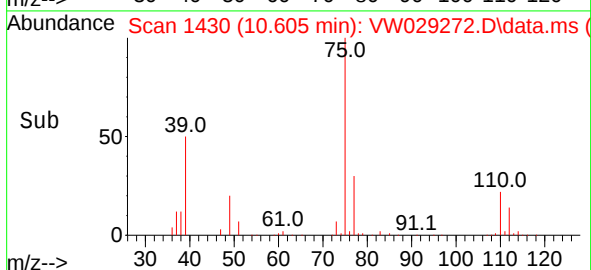
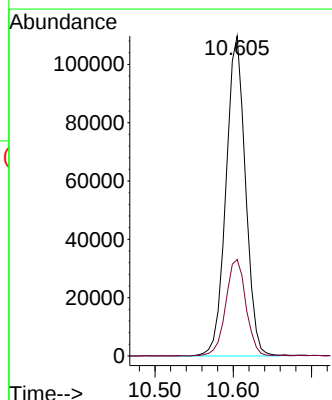
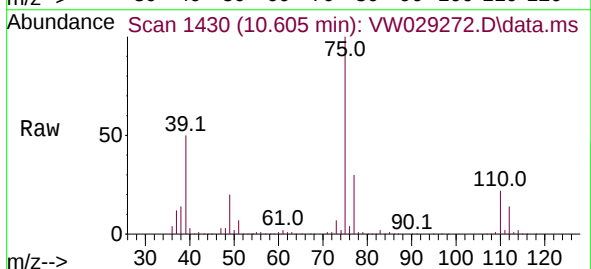
Acq: 20 Jun 2024 21:43

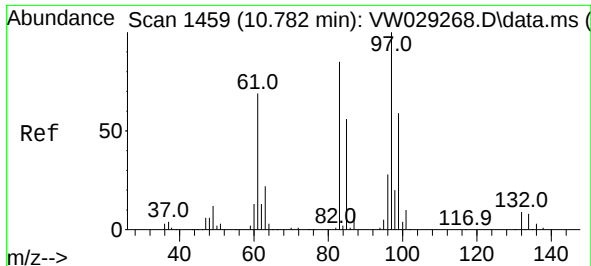
Tgt Ion: 75 Resp: 189422

Ion Ratio Lower Upper

75 100

77 30.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 25.187 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 111846

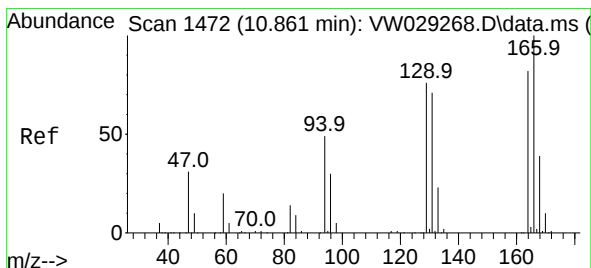
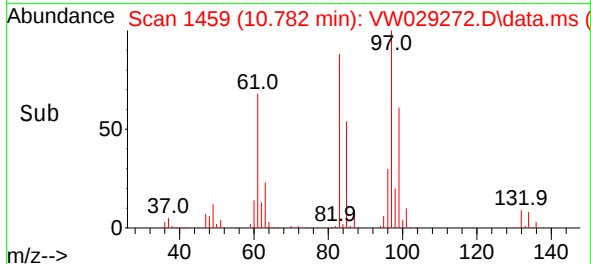
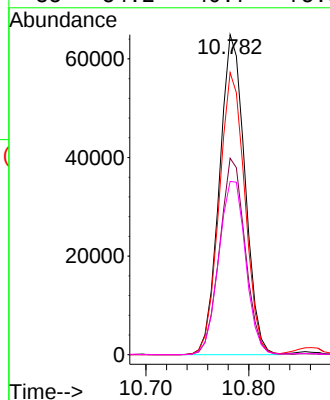
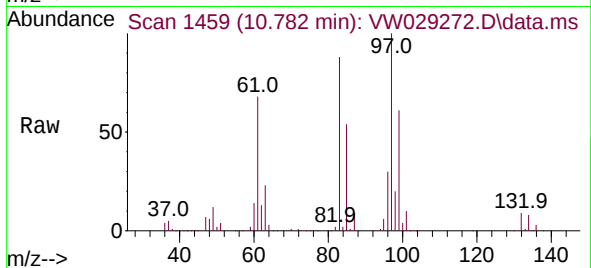
Ion Ratio Lower Upper

97 100

99 61.4 42.3 78.5

83 88.2 57.7 107.1

85 54.2 40.7 75.5



#46

Tetrachloroethene

Concen: 20.689 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Tgt Ion:164 Resp: 87549

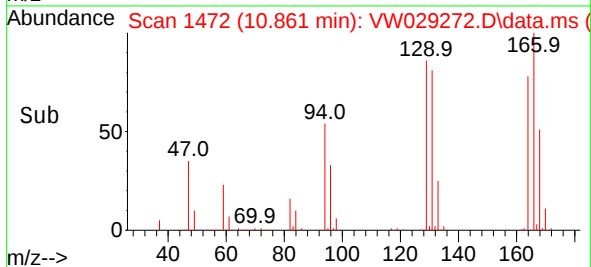
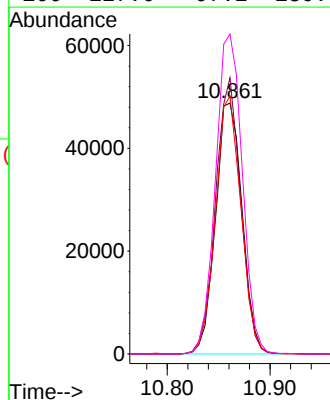
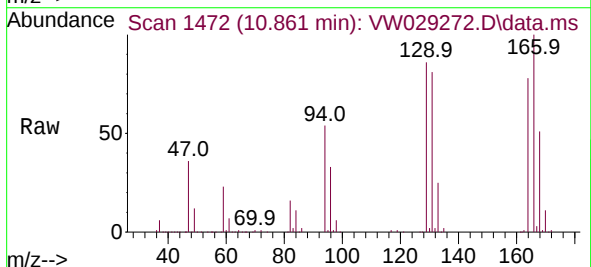
Ion Ratio Lower Upper

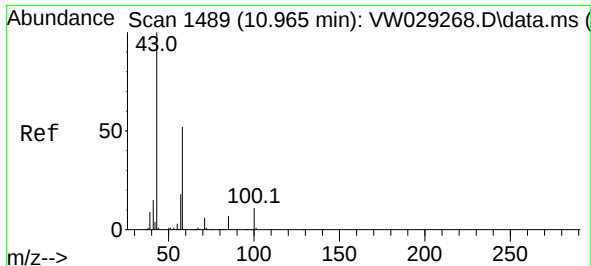
164 100

129 110.1 68.5 127.3

131 102.8 71.8 133.4

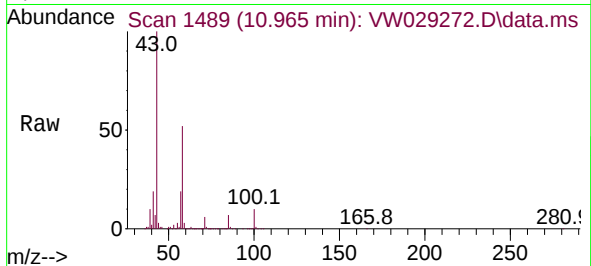
166 127.6 97.2 180.4





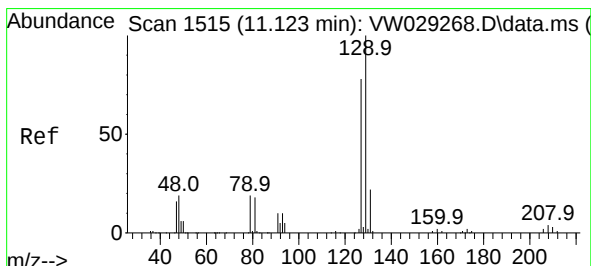
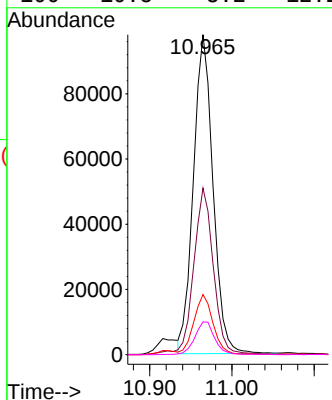
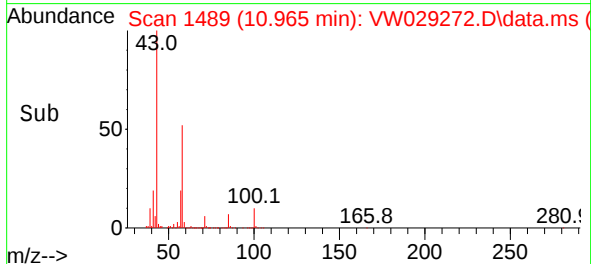
#48
2-Hexanone
Concen: 57.974 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 162565

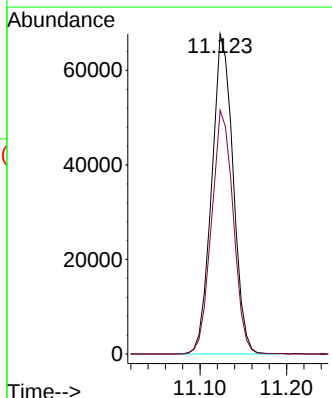
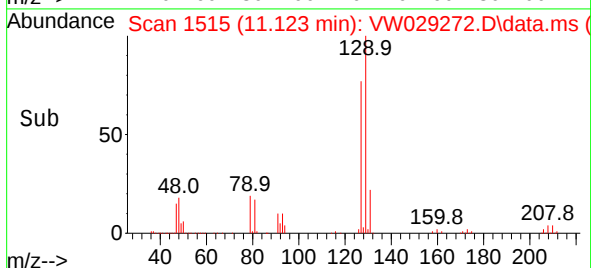
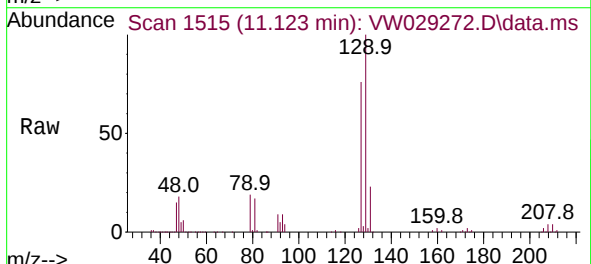
Ion	Ratio	Lower	Upper
43	100		
58	51.9	39.6	59.4
57	18.0	14.6	21.8
100	10.5	8.2	12.2

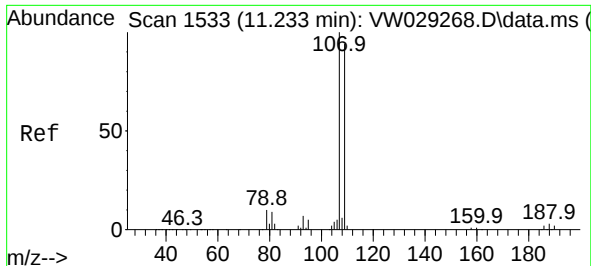


#49
Dibromochloromethane
Concen: 24.987 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion: 129 Resp: 115987

Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.8	101.8





#50

1,2-Dibromoethane

Concen: 25.748 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

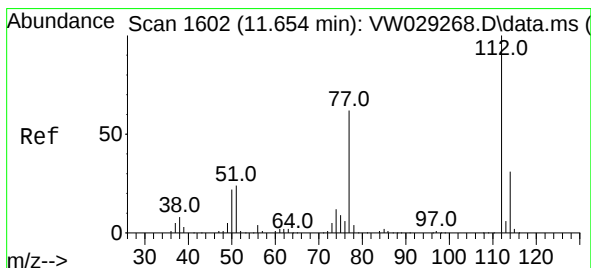
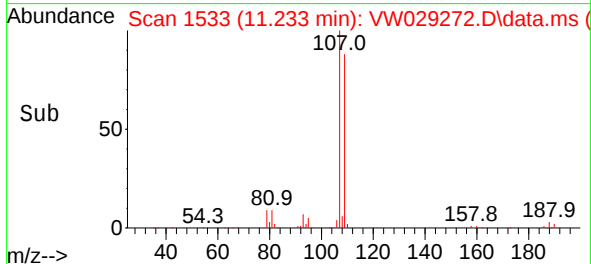
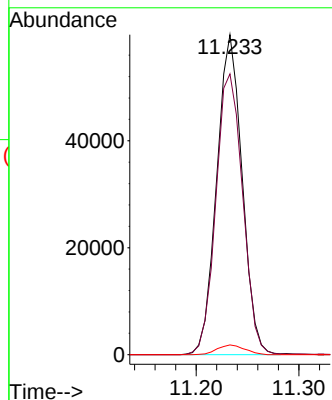
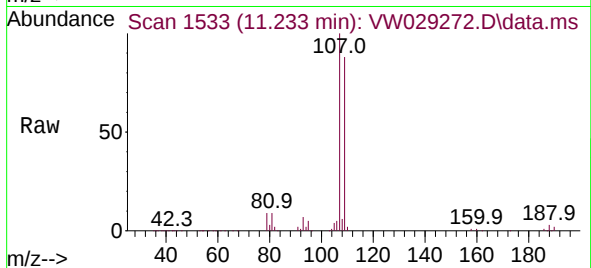
Tgt Ion:107 Resp: 102635

Ion Ratio Lower Upper

107 100

109 87.8 65.5 121.6

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 21.849 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

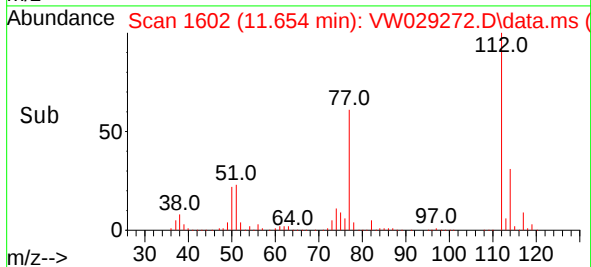
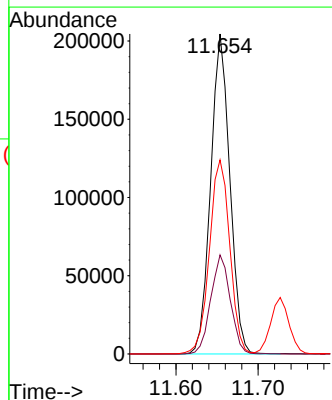
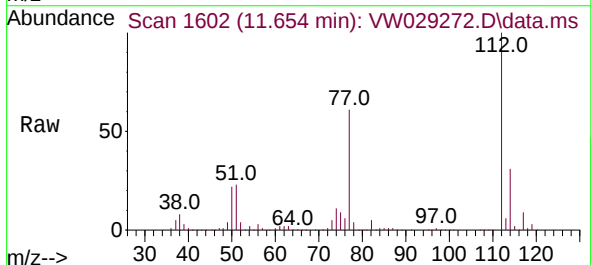
Tgt Ion:112 Resp: 330969

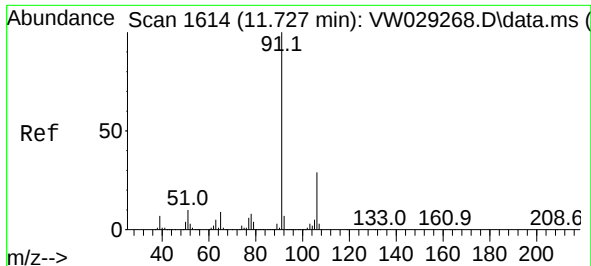
Ion Ratio Lower Upper

112 100

114 30.9 22.6 42.0

77 60.7 51.0 76.6





#52

Ethylbenzene

Concen: 22.653 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

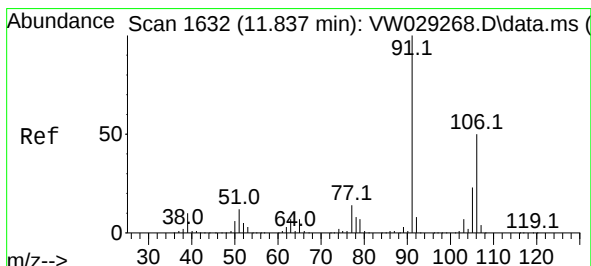
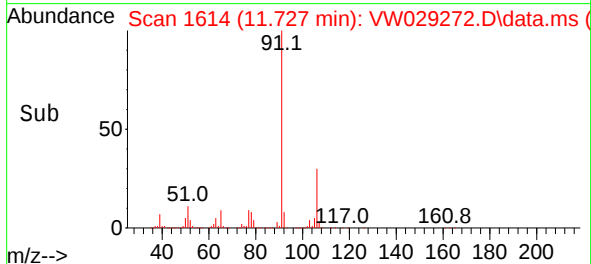
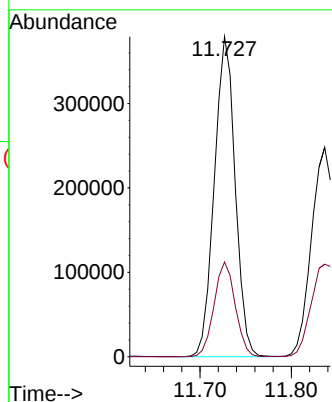
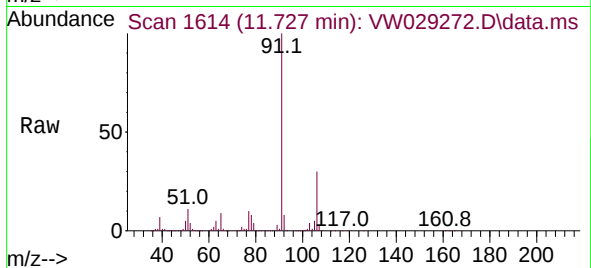
ClientSampleId :

Tgt Ion: 91 Resp: 599826

Ion Ratio Lower Upper

91 100

106 29.6 19.9 37.0



#53

m,p-Xylene

Concen: 22.450 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029272.D

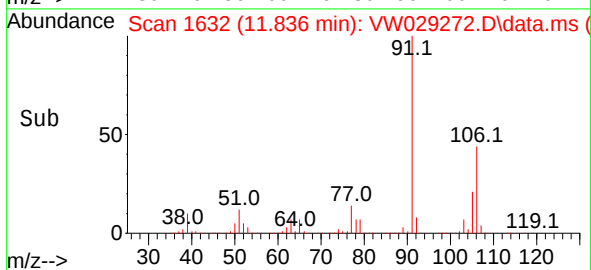
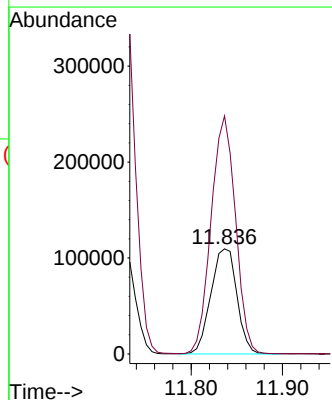
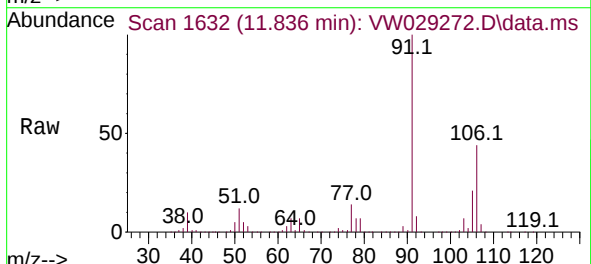
Acq: 20 Jun 2024 21:43

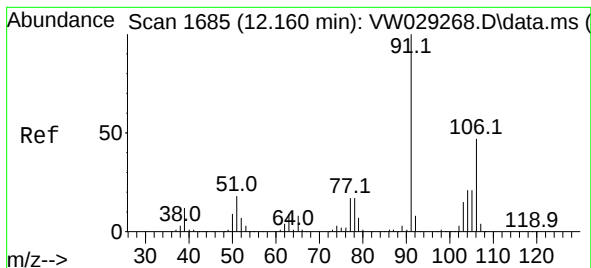
Tgt Ion:106 Resp: 217130

Ion Ratio Lower Upper

106 100

91 226.4 140.5 260.9





#54

o-Xylene

Concen: 23.730 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

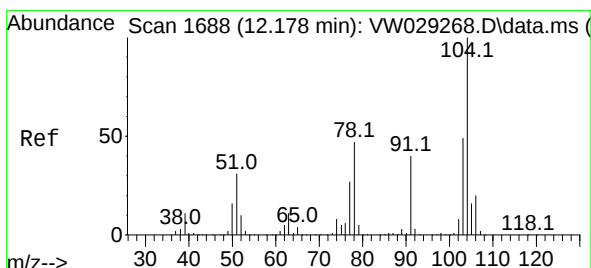
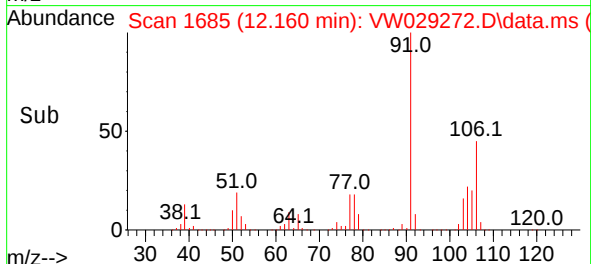
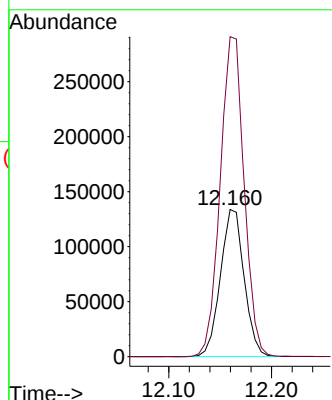
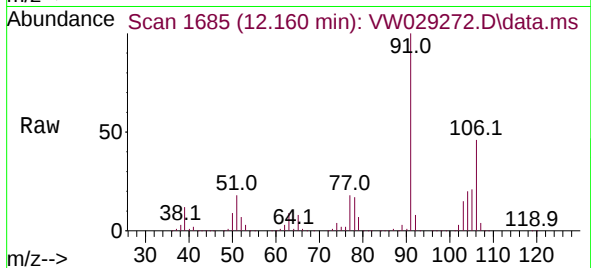
ClientSampleId :

Tgt Ion:106 Resp: 214499

Ion Ratio Lower Upper

106 100

91 217.5 149.9 278.5



#55

Styrene

Concen: 22.475 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029272.D

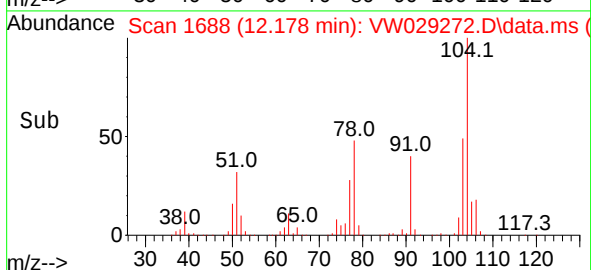
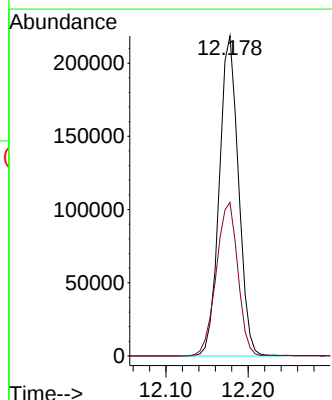
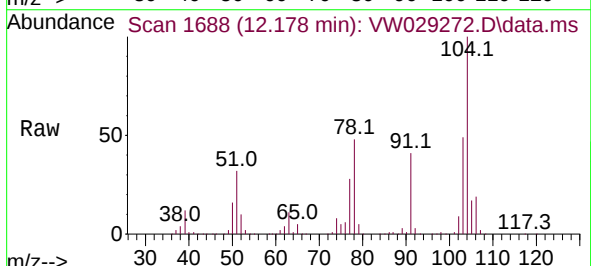
Acq: 20 Jun 2024 21:43

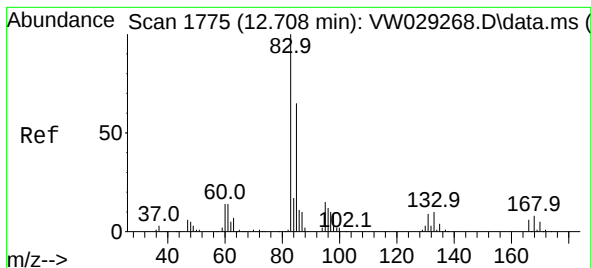
Tgt Ion:104 Resp: 354212

Ion Ratio Lower Upper

104 100

78 48.0 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.658 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

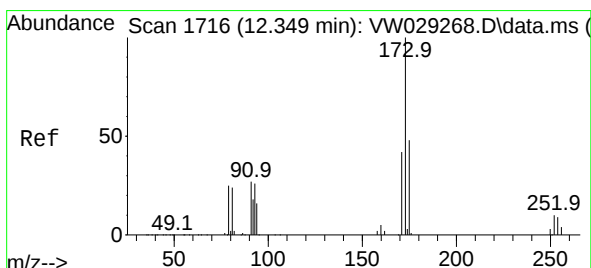
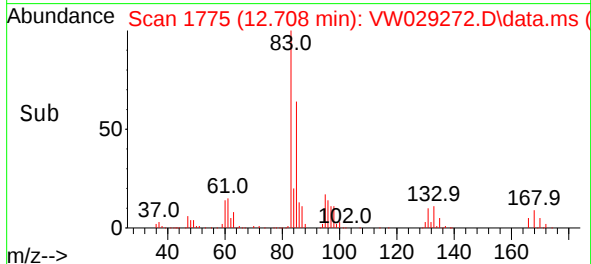
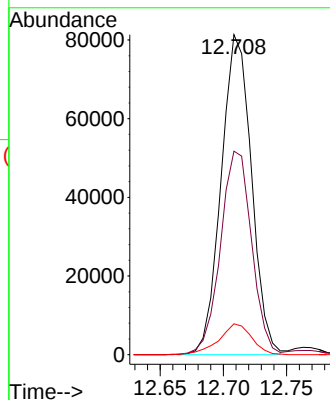
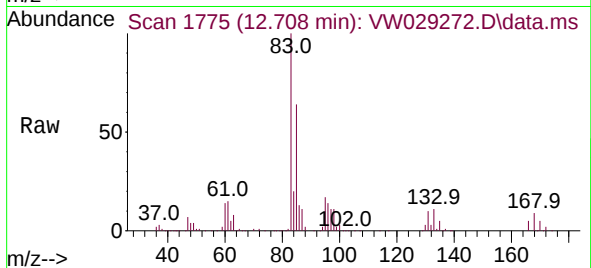
Tgt Ion: 83 Resp: 135440

Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.0

131 9.7 7.8 11.6



#59

Bromoform

Concen: 33.434 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

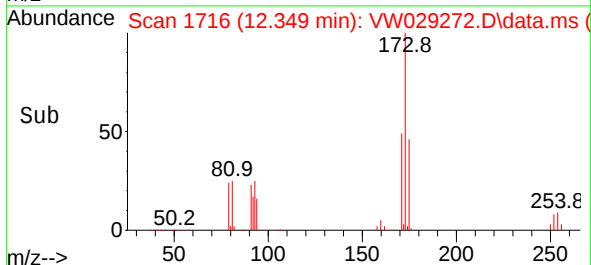
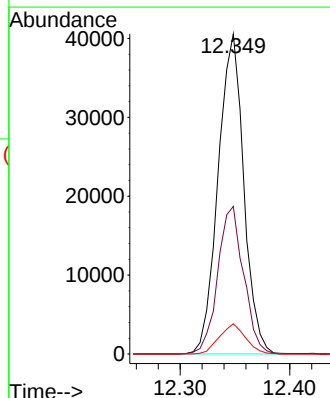
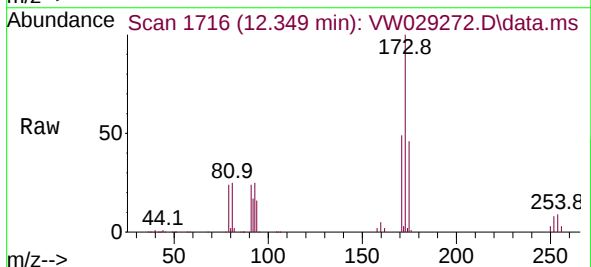
Tgt Ion:173 Resp: 65889

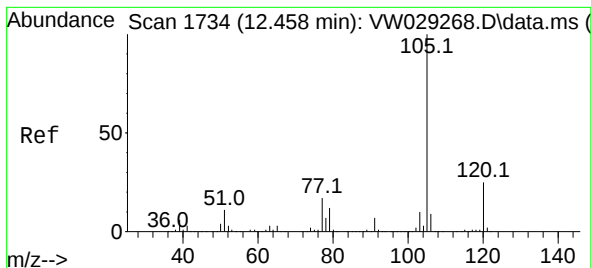
Ion Ratio Lower Upper

173 100

175 46.4 37.8 56.8

254 9.6 7.8 11.6





#60

Isopropylbenzene

Concen: 28.534 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

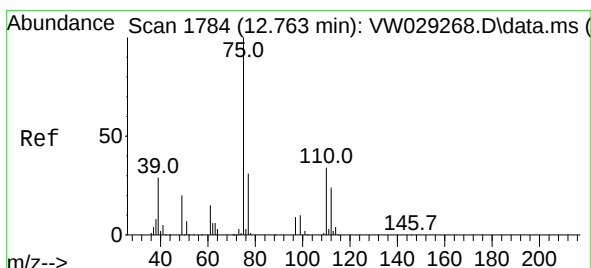
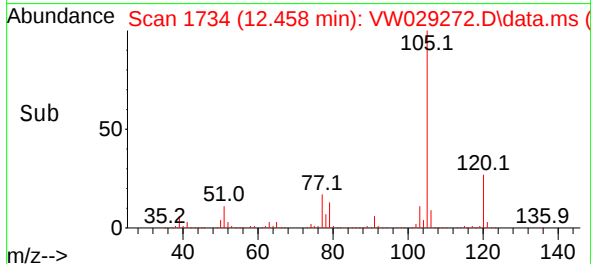
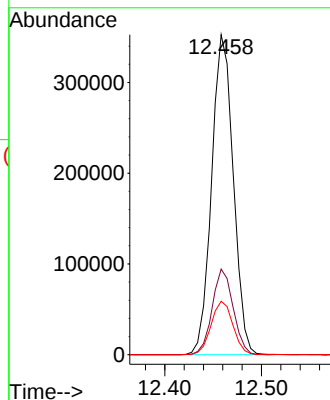
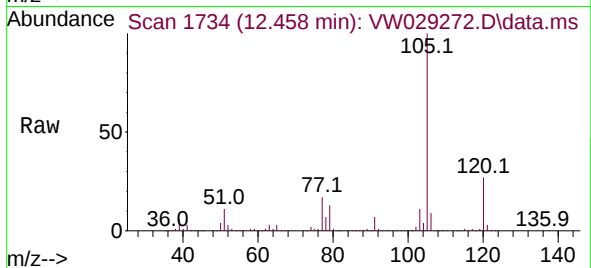
Tgt Ion:105 Resp: 546704

Ion Ratio Lower Upper

105 100

120 26.0 20.5 30.7

77 16.9 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 33.246 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

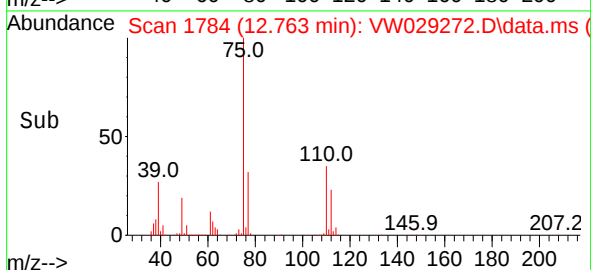
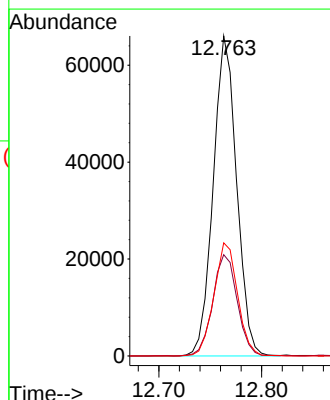
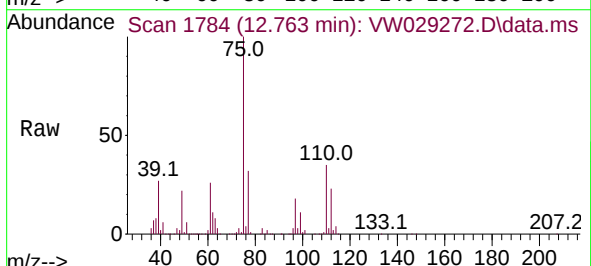
Tgt Ion: 75 Resp: 104270

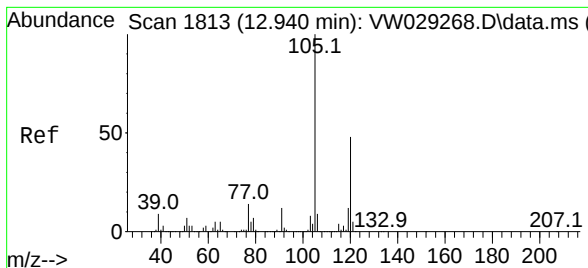
Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

110 35.7 29.5 44.3

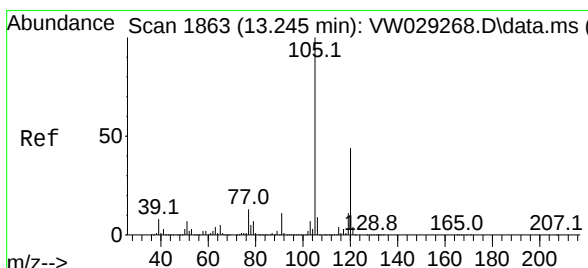
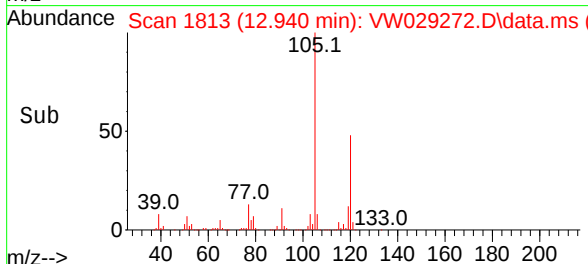
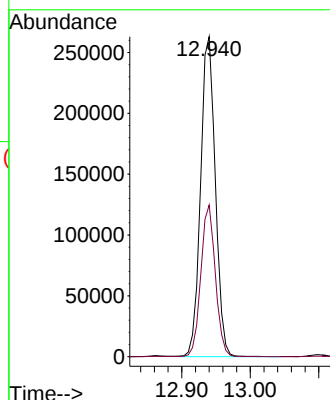
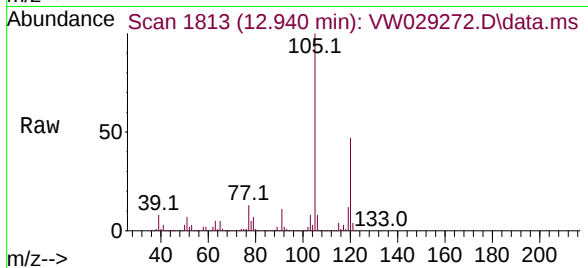




#62
1,3,5-Trimethylbenzene
Concen: 28.432 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

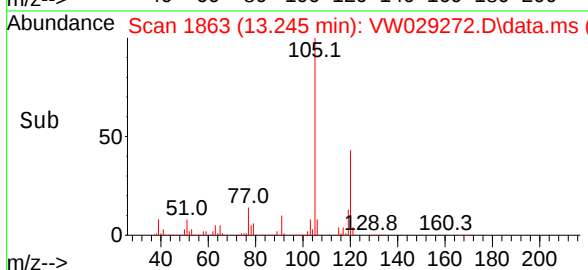
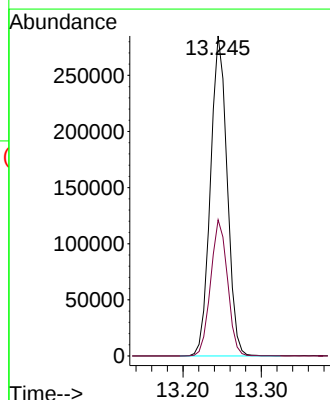
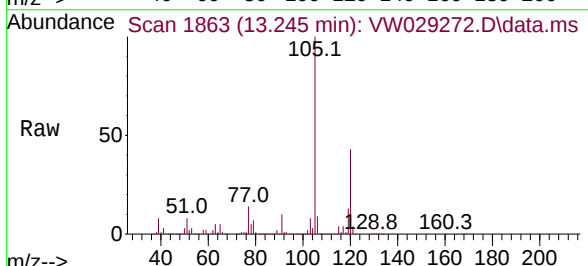
Instrument :
MSVOA_W
ClientSampleId :

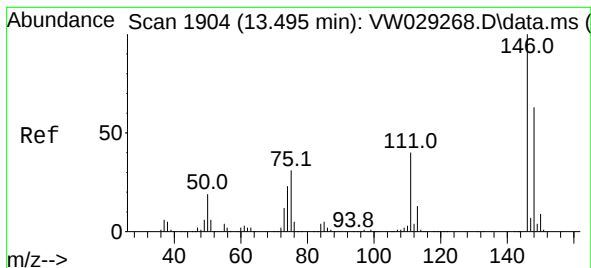
Tgt Ion:105 Resp: 394515
Ion Ratio Lower Upper
105 100
120 46.5 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 28.295 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029272.D
Acq: 20 Jun 2024 21:43

Tgt Ion:105 Resp: 422433
Ion Ratio Lower Upper
105 100
120 42.7 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 23.258 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

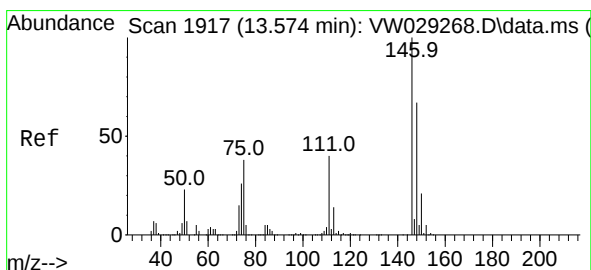
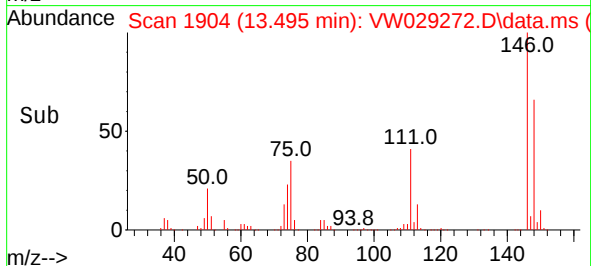
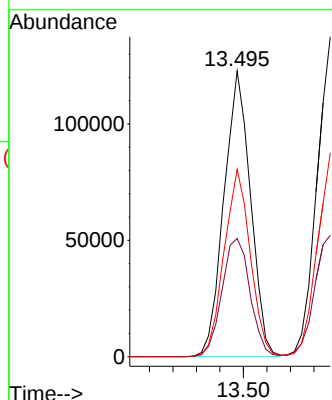
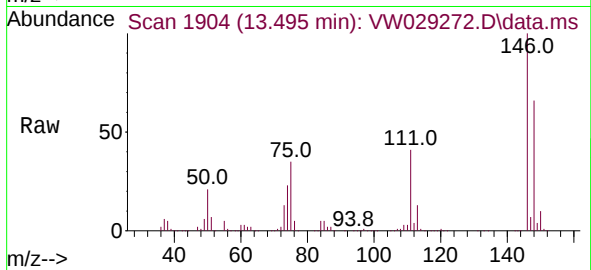
Tgt Ion:146 Resp: 192837

Ion Ratio Lower Upper

146 100

111 41.4 33.0 61.2

148 65.6 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 23.497 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

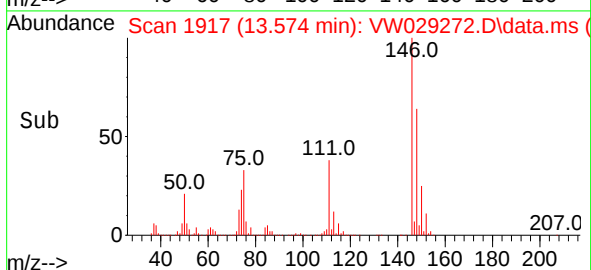
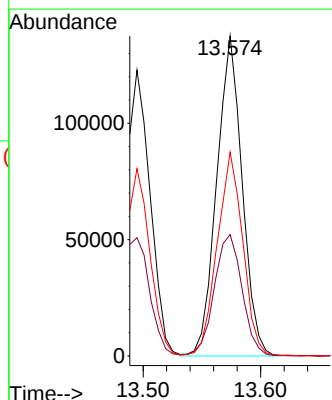
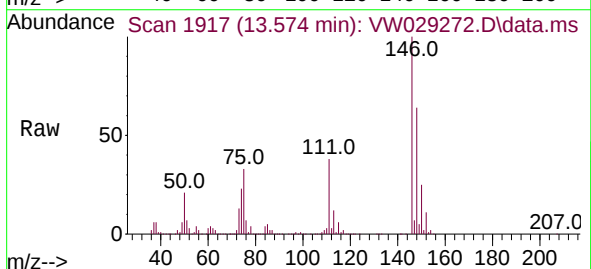
Tgt Ion:146 Resp: 207282

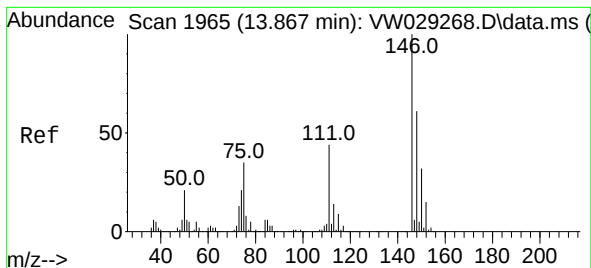
Ion Ratio Lower Upper

146 100

111 38.0 28.9 53.7

148 63.7 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 23.146 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

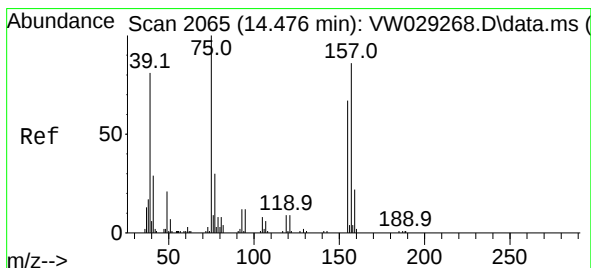
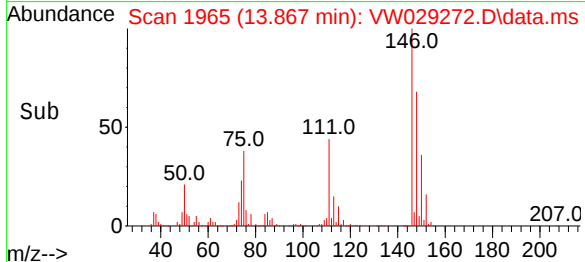
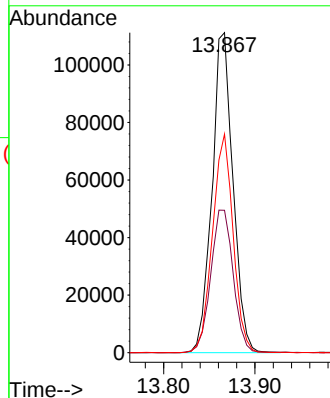
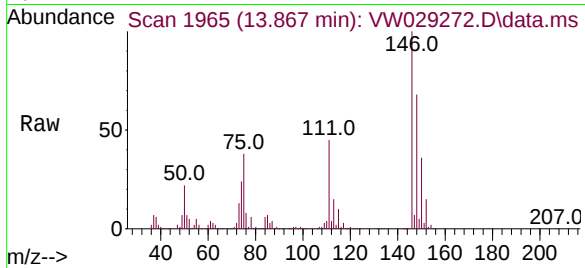
Tgt Ion:146 Resp: 177416

Ion Ratio Lower Upper

146 100

111 44.5 34.2 51.4

148 68.3 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 30.529 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

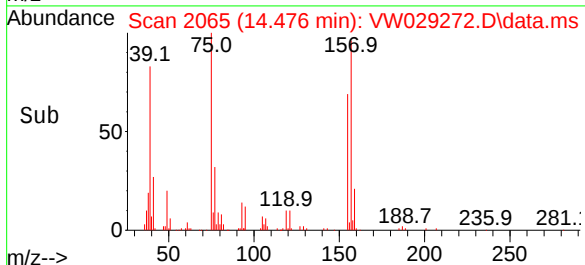
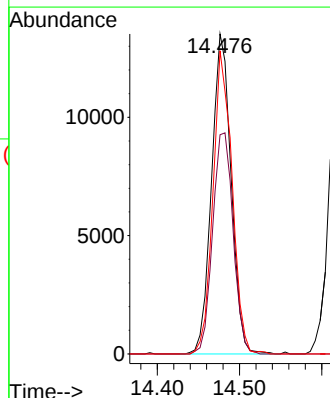
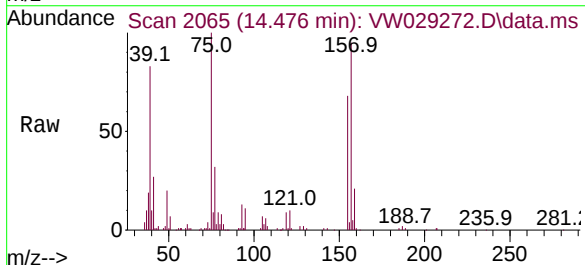
Tgt Ion: 75 Resp: 22344

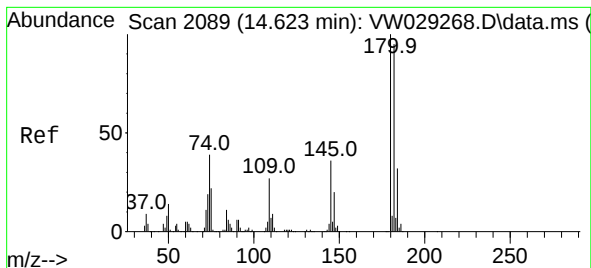
Ion Ratio Lower Upper

75 100

155 68.5 51.0 76.6

157 94.8 58.8 88.2#





#69

1,3,5-Trichlorobenzene

Concen: 16.110 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 90150

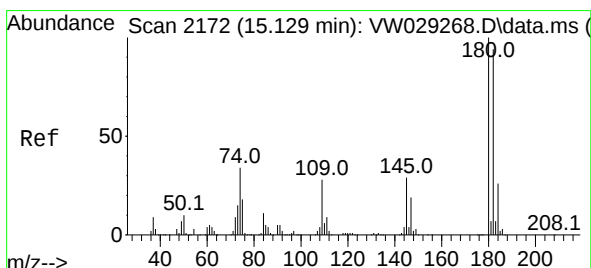
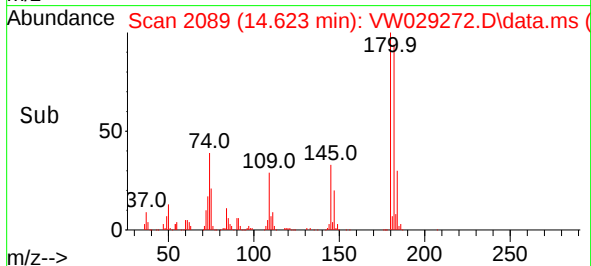
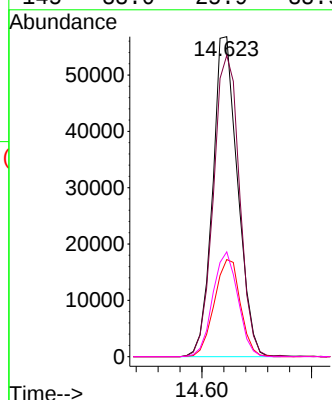
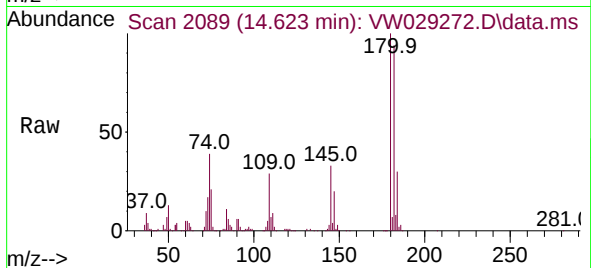
Ion Ratio Lower Upper

180 100

182 97.9 72.9 109.3

184 31.6 23.8 35.6

145 33.0 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 16.111 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

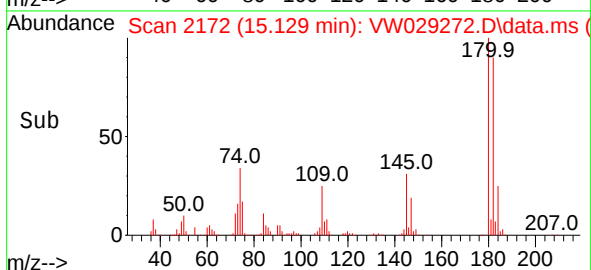
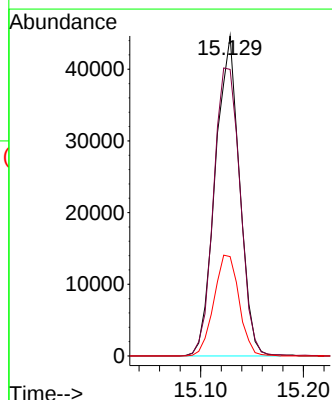
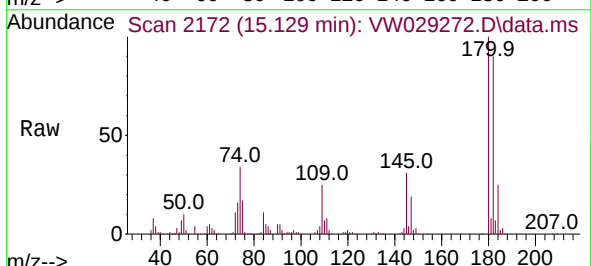
Tgt Ion:180 Resp: 73083

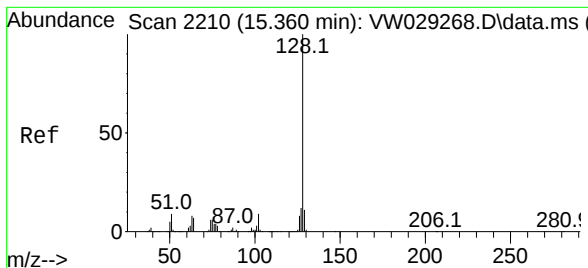
Ion Ratio Lower Upper

180 100

182 98.5 77.7 116.5

145 32.7 25.7 38.5





#71

Naphthalene

Concen: 23.779 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Instrument :

MSVOA_W

ClientSampleId :

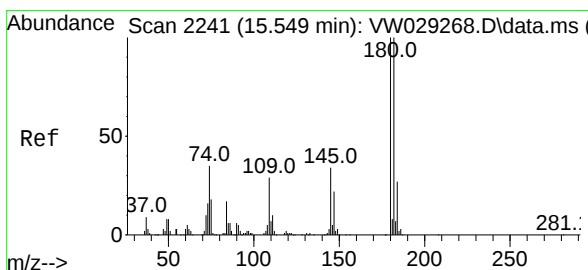
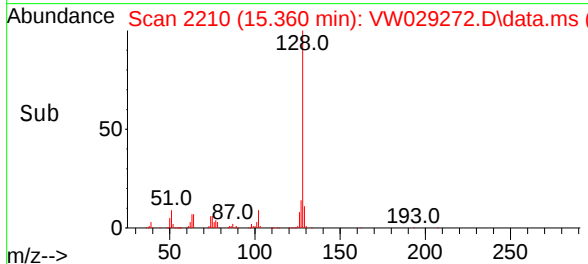
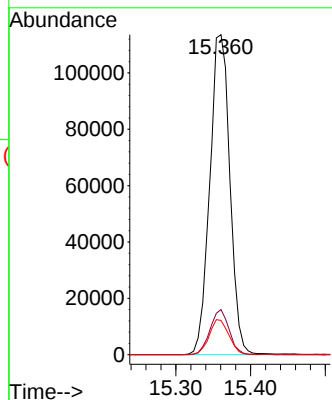
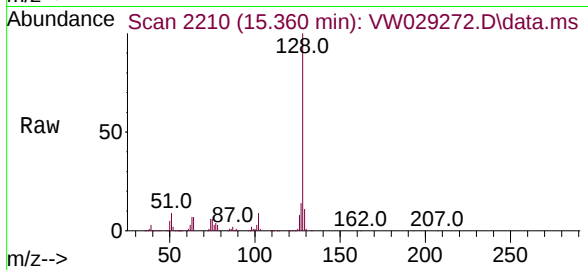
Tgt Ion:128 Resp: 212894

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 15.421 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029272.D

Acq: 20 Jun 2024 21:43

Tgt Ion:180 Resp: 63738

Ion Ratio Lower Upper

180 100

182 93.9 73.0 109.6

145 35.4 28.1 42.1

