

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
 Data File : VW029200.D
 Acq On : 19 Jun 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 20 00:33:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:46:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	272880	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	249906	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	87531	23.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.680%
7) Chloroethane-d5	2.899	69	69621	21.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.021	65	40243	22.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	7.075	46	45399	40.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.360%
24) Chloroform-d	7.648	84	178219	21.894	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	8.307	65	99871	21.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.480%
32) Benzene-d6	8.270	84	349134	23.001	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.270	67	107437	22.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.318	98	315054	23.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.575	79	42699	21.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.840%
47) 2-Hexanone-d5	10.922	63	32244	42.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80418	20.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	99863	23.187	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	47881	17.985	ug/L	94
3) Chloromethane	2.222	50	74579	19.646	ug/L	98
5) Vinyl chloride	2.375	62	93558	21.461	ug/L	97
6) Bromomethane	2.789	94	55342	21.122	ug/L	91
8) Chloroethane	2.936	64	59464	22.301	ug/L	98
9) Trichlorofluoromethane	3.265	101	74233	21.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78740	21.131	ug/L	93
12) 1,1-Dichloroethene	4.039	96	73551	23.262	ug/L	98
13) Acetone	4.118	43	56833	59.181	ug/L	97
14) Carbon disulfide	4.387	76	221050	21.416	ug/L	99
15) Methyl Acetate	4.667	43	39205	20.565	ug/L	98
16) Methylene chloride	4.917	84	84296	17.568	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	78637	22.395	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	123117	21.915	ug/L	100
19) 1,1-Dichloroethane	6.216	63	168212	22.180	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	86992	22.466	ug/L	96
22) 2-Butanone	7.167	43	62974	47.838	ug/L	99
23) Bromochloromethane	7.514	128	36654	21.264	ug/L	96
25) Chloroform	7.679	83	166017	22.418	ug/L	98

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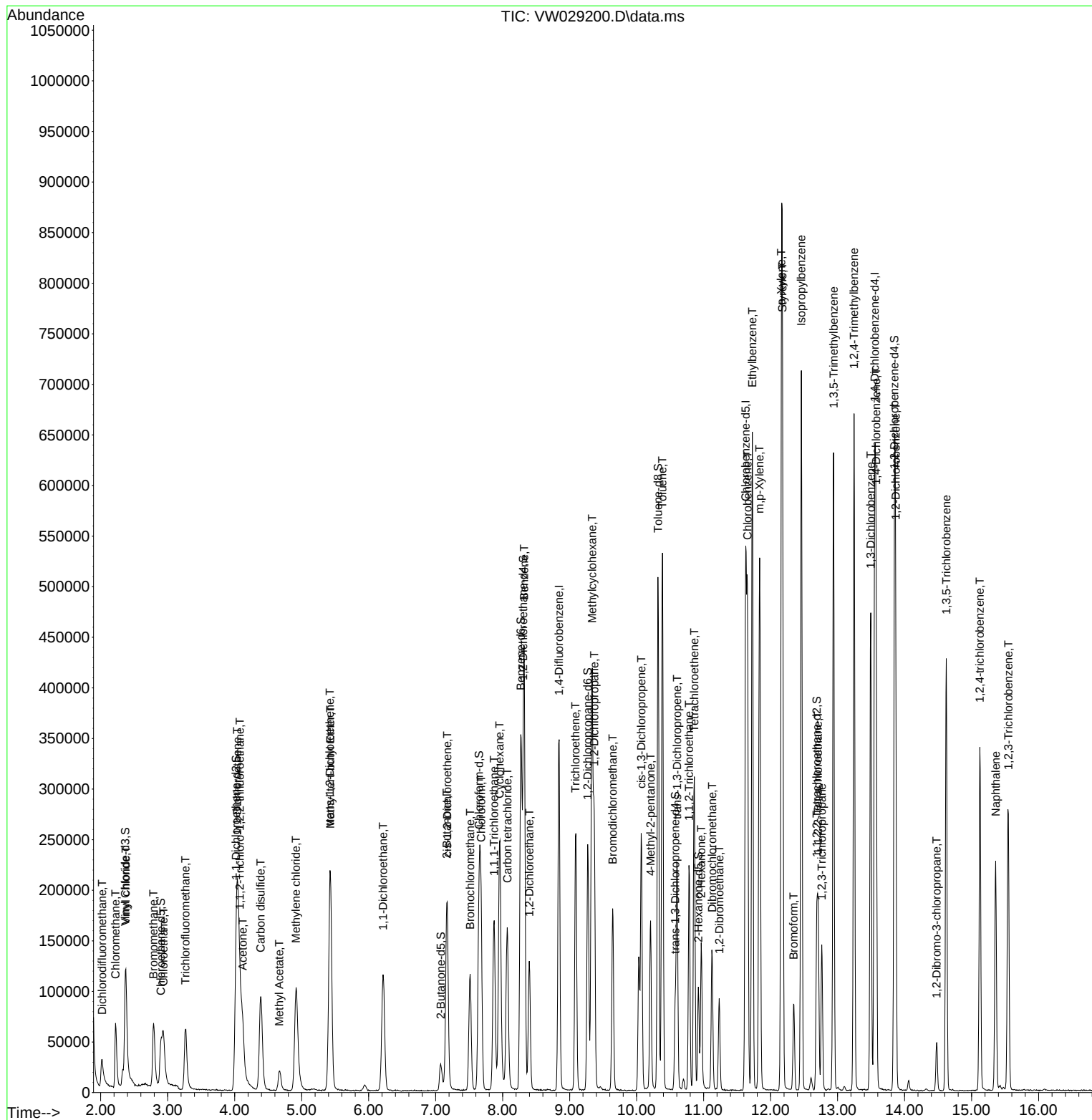
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	117783	21.565	ug/L	98
29) Cyclohexane	7.953	56	138061	24.166	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	135545	24.391	ug/L	95
31) Carbon tetrachloride	8.069	117	118065	23.257	ug/L	97
33) Benzene	8.319	78	349714	23.290	ug/L	100
34) Trichloroethene	9.087	95	91274	22.784	ug/L	94
35) Methylcyclohexane	9.337	83	152052	24.134	ug/L	99
37) 1,2-Dichloropropane	9.367	63	98213	23.277	ug/L	99
38) Bromodichloromethane	9.642	83	116565	22.595	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	141048	23.649	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	114427	43.755	ug/L	99
42) Toluene	10.386	91	370071	23.974	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	117922	23.415	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	63508	21.612	ug/L	96
46) Tetrachloroethene	10.861	164	63693	22.744	ug/L	92
48) 2-Hexanone	10.965	43	93702	50.495	ug/L	98
49) Dibromochloromethane	11.129	129	66884	21.773	ug/L	99
50) 1,2-Dibromoethane	11.233	107	58892	22.326	ug/L	92
51) Chlorobenzene	11.654	112	228937	22.838	ug/L	97
52) Ethylbenzene	11.727	91	432870	24.704	ug/L	99
53) m,p-Xylene	11.836	106	158393	24.747	ug/L	96
54) o-Xylene	12.160	106	147378	24.638	ug/L	97
55) Styrene	12.178	104	252941	24.252	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	77341	21.277	ug/L	99
59) Bromoform	12.342	173	36157	21.262	ug/L	97
60) Isopropylbenzene	12.458	105	421150	25.474	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58104	21.470	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	311976	26.056	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	329600	25.585	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	172107	24.056	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	175960	23.115	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	158353	23.941	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12565	19.895	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	114498	23.713	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	93563	23.903	ug/L	99
71) Naphthalene	15.360	128	180554	23.371	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86227	24.177	ug/L	96

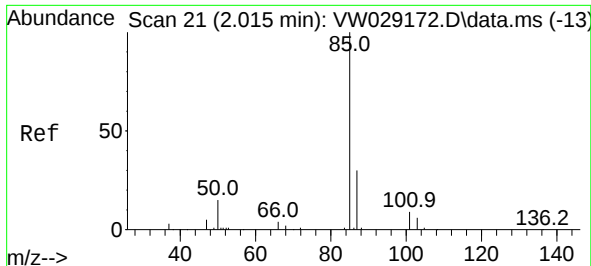
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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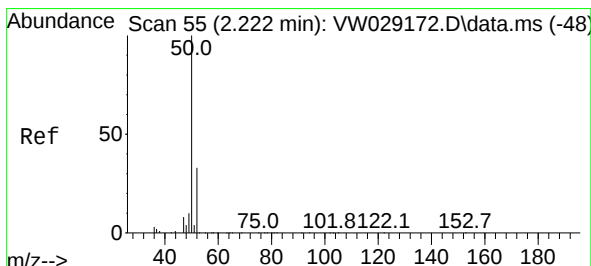
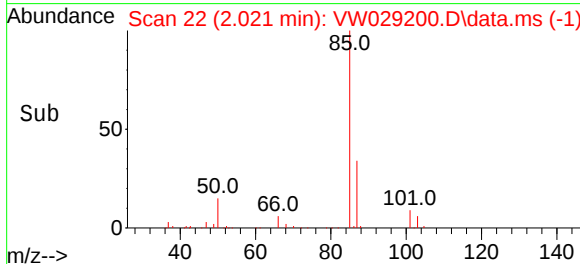
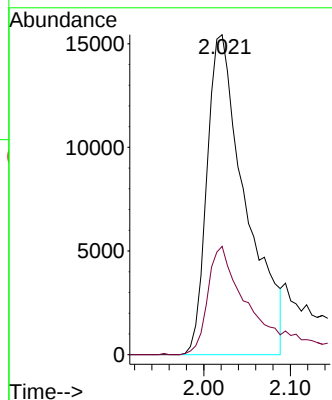
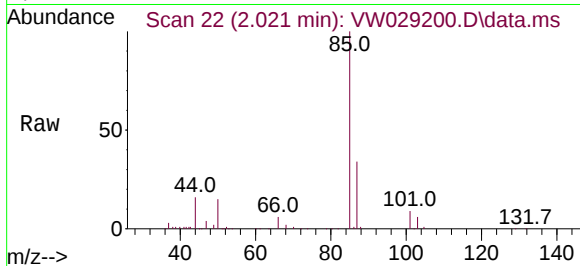




#2
 Dichlorodifluoromethane
 Concen: 17.985 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029200.D
 Acq: 19 Jun 2024 08:49

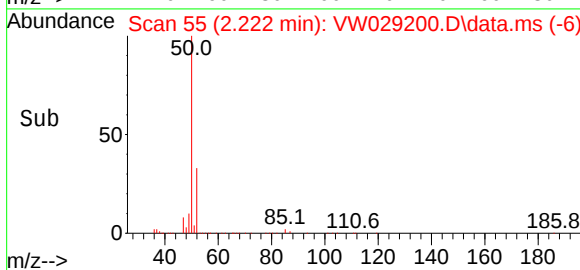
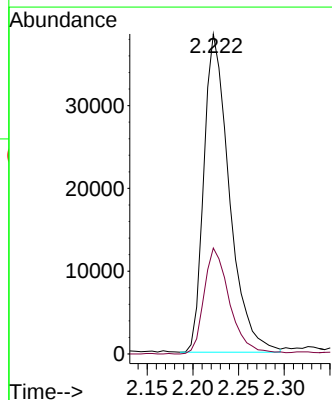
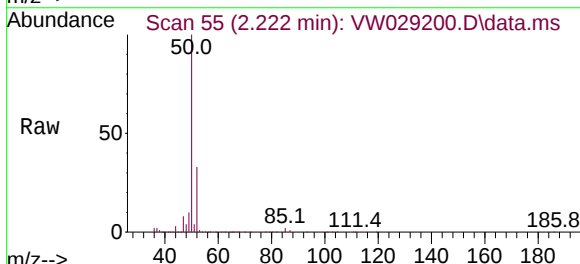
Instrument :
 MSVOA_W
 ClientSampleId :

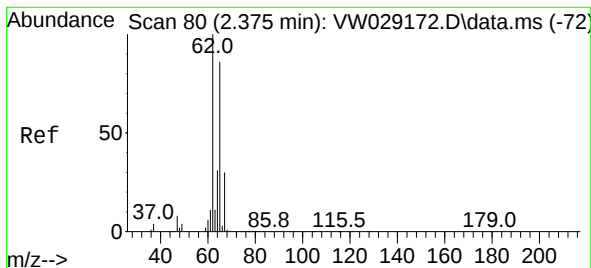
Tgt Ion: 85 Resp: 47881
 Ion Ratio Lower Upper
 85 100
 87 33.2 23.8 35.6



#3
 Chloromethane
 Concen: 19.646 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029200.D
 Acq: 19 Jun 2024 08:49

Tgt Ion: 50 Resp: 74579
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.3 41.5





#5

Vinyl chloride

Concen: 21.461 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

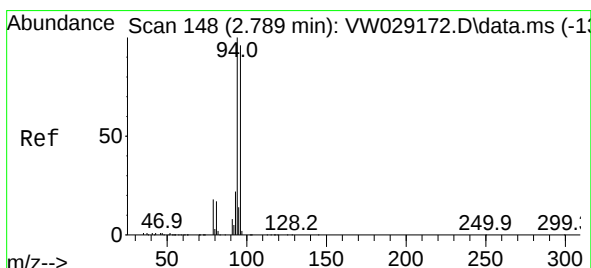
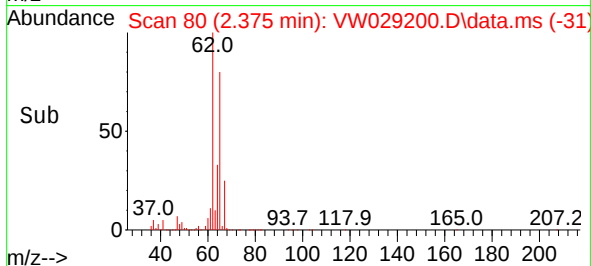
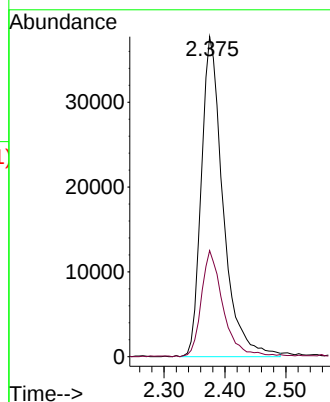
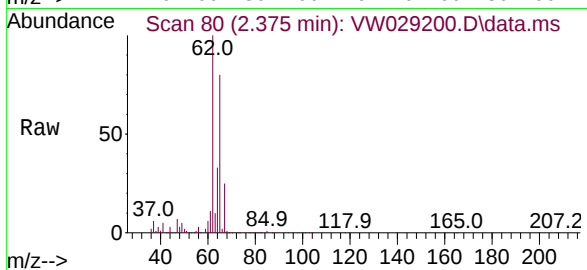
ClientSampleId :

Tgt Ion: 62 Resp: 93558

Ion Ratio Lower Upper

62 100

64 33.2 22.0 40.8



#6

Bromomethane

Concen: 21.122 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029200.D

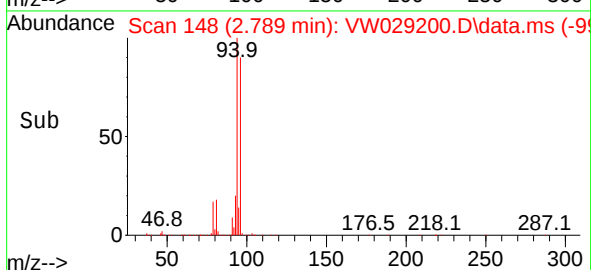
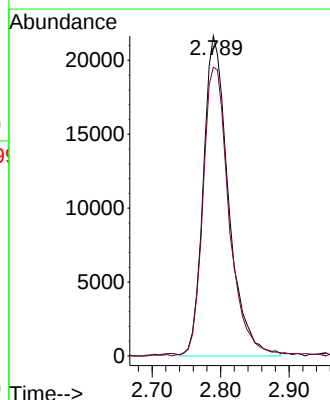
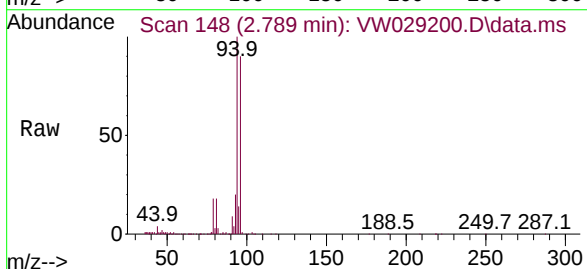
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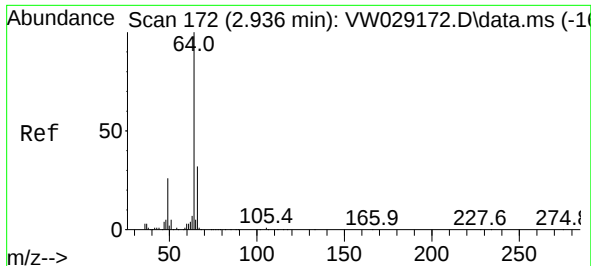
Tgt Ion: 94 Resp: 55342

Ion Ratio Lower Upper

94 100

96 90.2 69.5 129.1

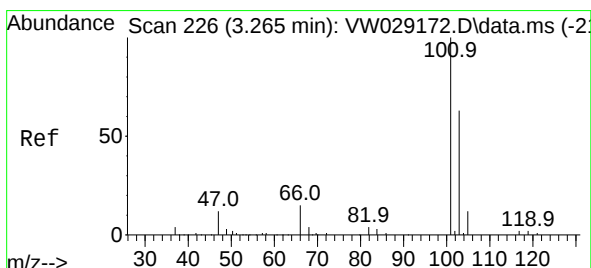
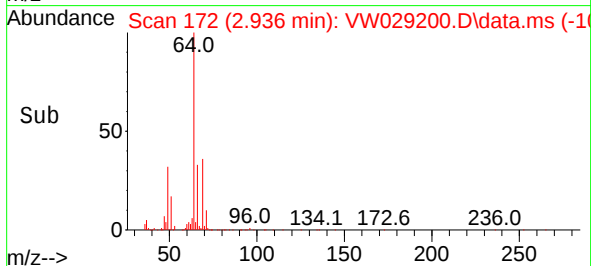
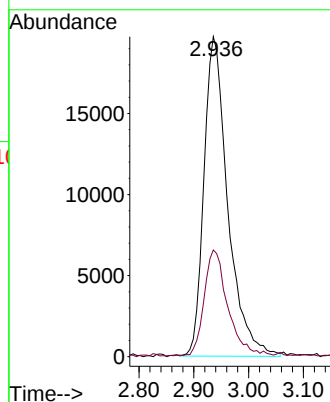
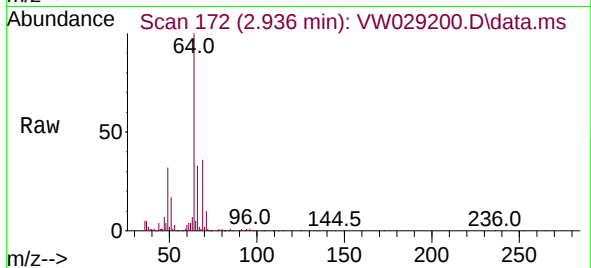




#8
Chloroethane
Concen: 22.301 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

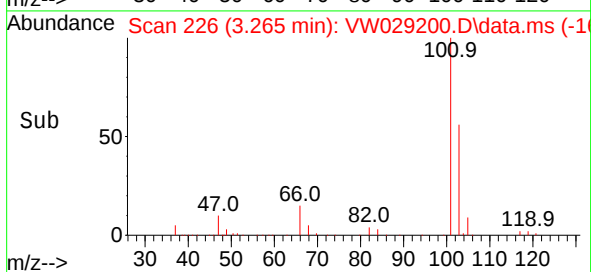
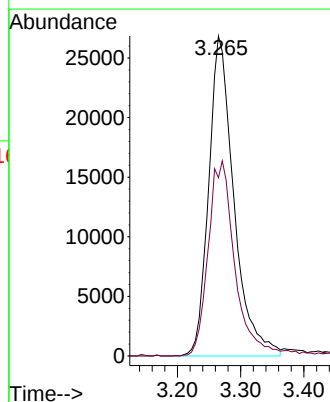
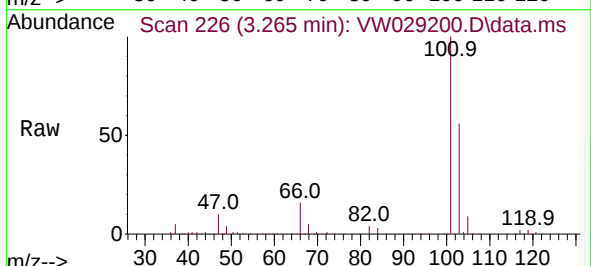
Instrument :
MSVOA_W
ClientSampleId :

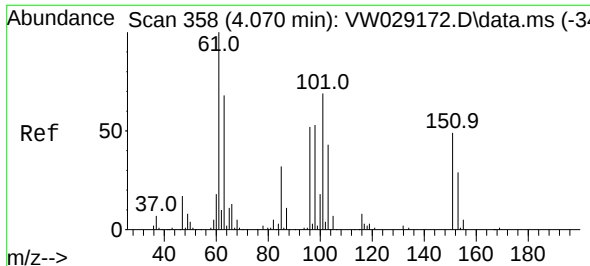
Tgt Ion: 64 Resp: 59464
Ion Ratio Lower Upper
64 100
66 33.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.964 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

Tgt Ion: 101 Resp: 74233
Ion Ratio Lower Upper
101 100
103 64.0 50.8 76.2





#10

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

Concen: 21.131 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

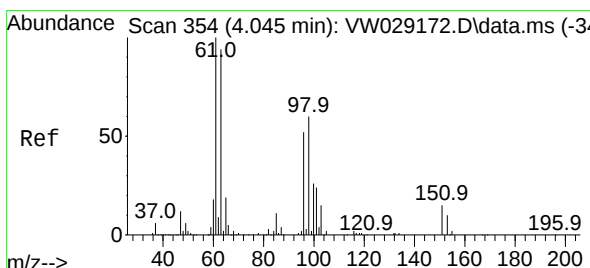
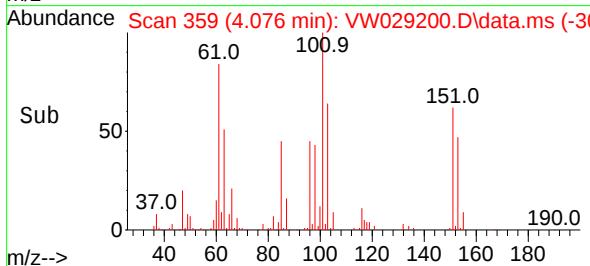
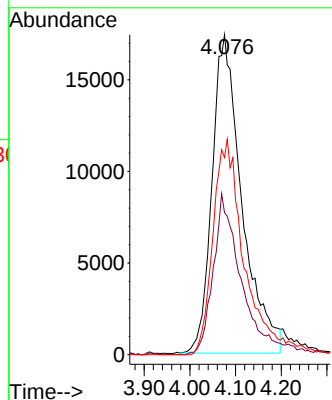
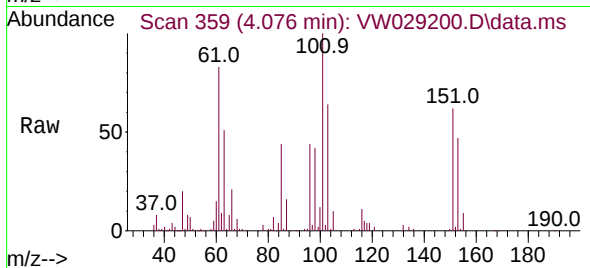
Tgt Ion:101 Resp: 78740

Ion Ratio Lower Upper

101 100

85 44.7 30.2 45.2

151 68.4 52.2 78.4



#12

1,1-Dichloroethene

Concen: 23.262 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

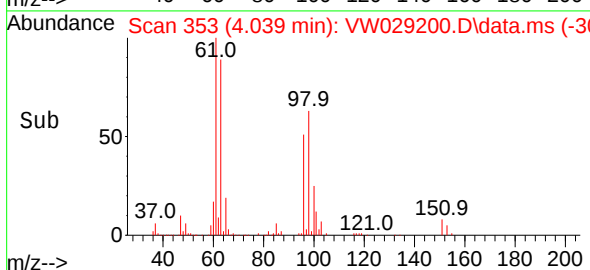
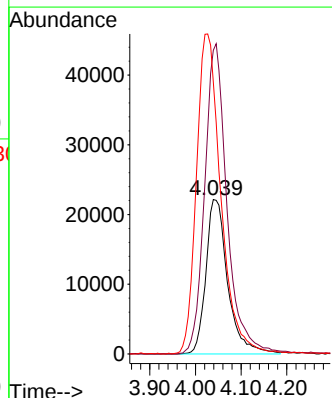
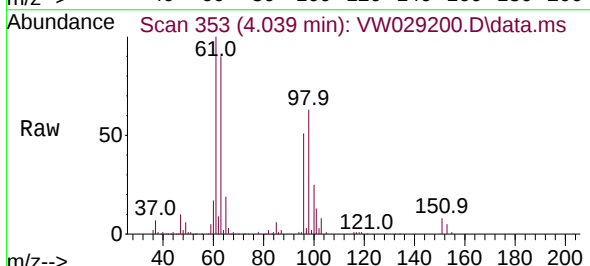
Tgt Ion: 96 Resp: 73551

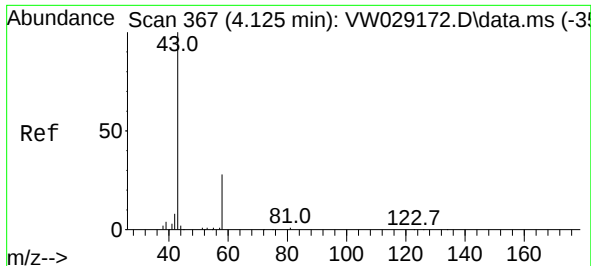
Ion Ratio Lower Upper

96 100

61 196.6 140.1 260.3

63 176.1 122.0 226.6

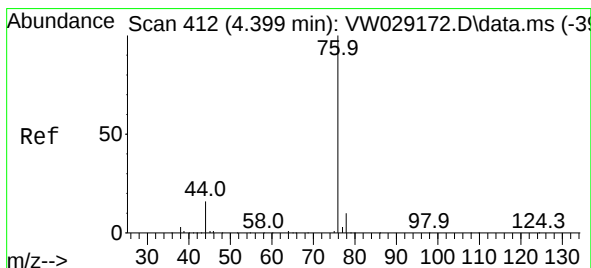
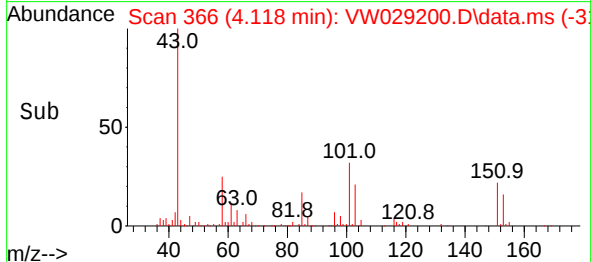
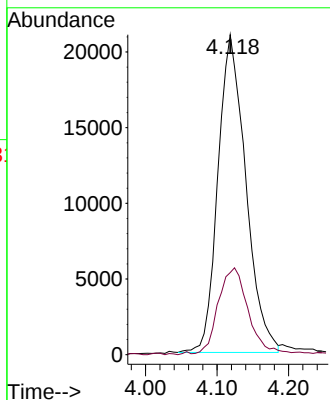
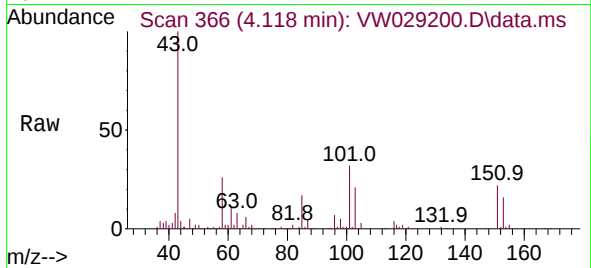




#13
Acetone
Concen: 59.181 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.006 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

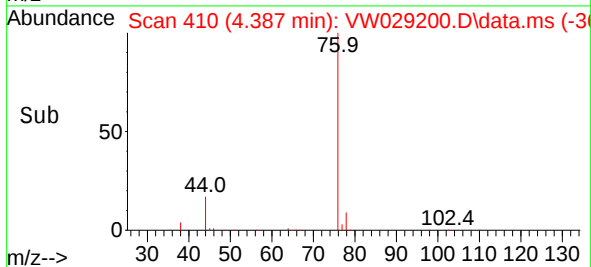
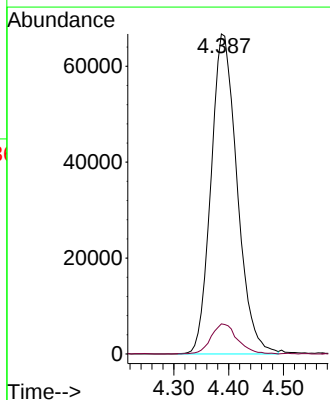
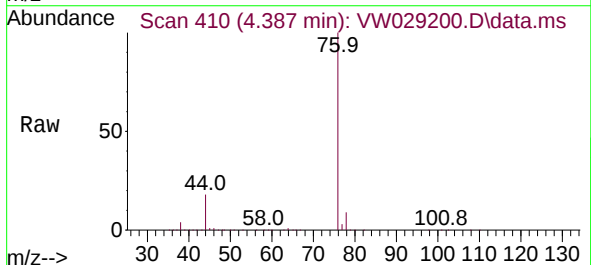
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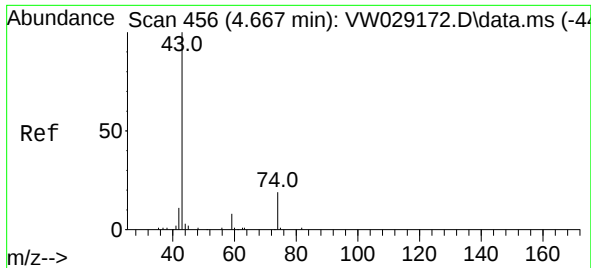
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Ion Ratio Lower Upper
43 100
58 28.8 0.0 61.4



#14
Carbon disulfide
Concen: 21.416 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW029200.D
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Tgt Ion: 76 Resp: 221050
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

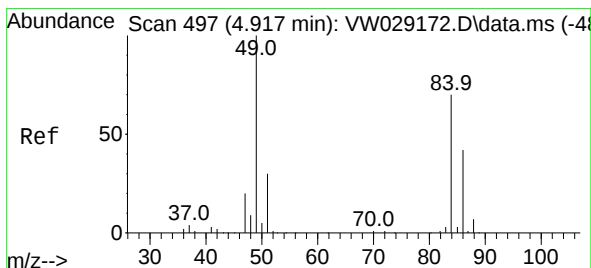
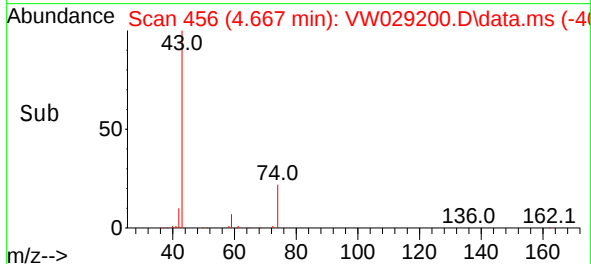
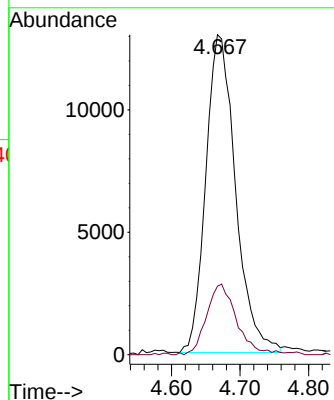
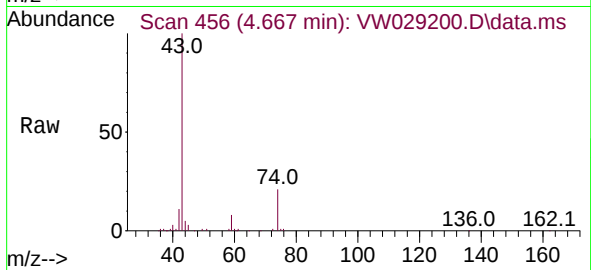




#15
Methyl Acetate
Concen: 20.565 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

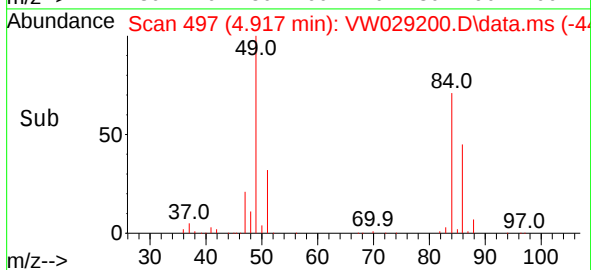
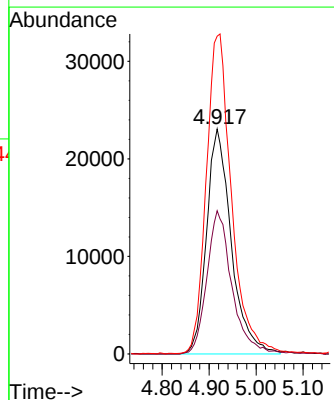
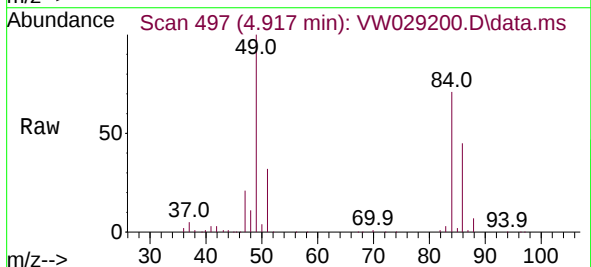
Instrument :
MSVOA_W
ClientSampleId :

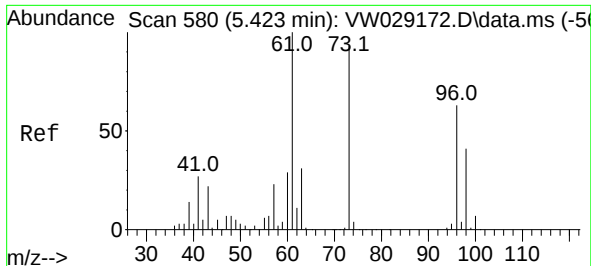
Tgt Ion: 43 Resp: 39205
Ion Ratio Lower Upper
43 100
74 21.8 16.6 25.0



#16
Methylene chloride
Concen: 17.568 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

Tgt Ion: 84 Resp: 84296
Ion Ratio Lower Upper
84 100
86 63.6 41.4 77.0
49 141.2 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 22.395 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

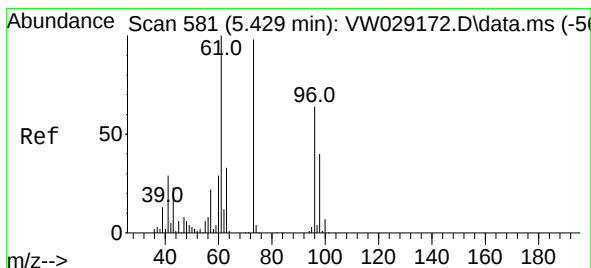
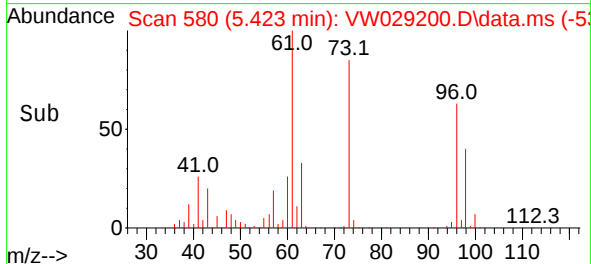
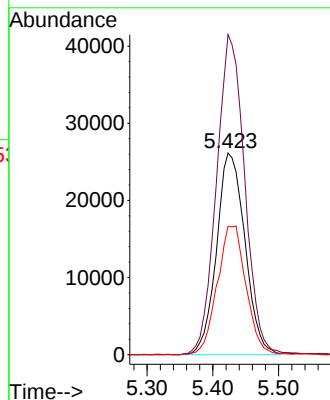
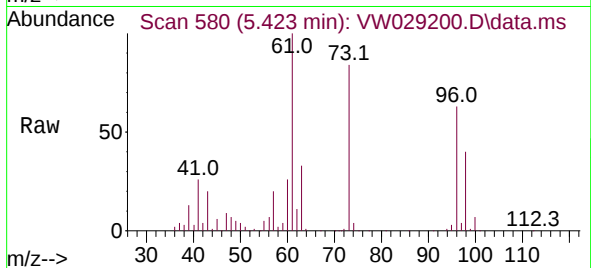
Tgt Ion: 96 Resp: 78637

Ion Ratio Lower Upper

96 100

61 158.6 101.5 188.5

98 63.6 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 21.915 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

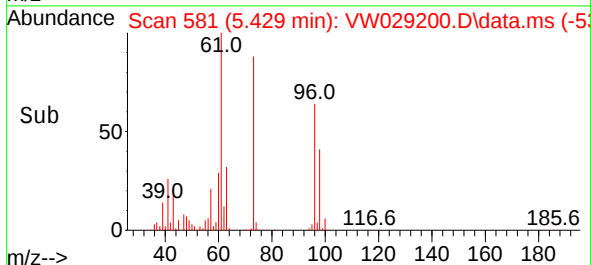
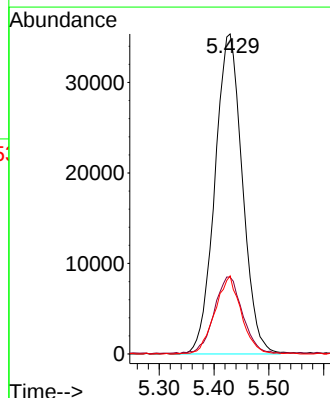
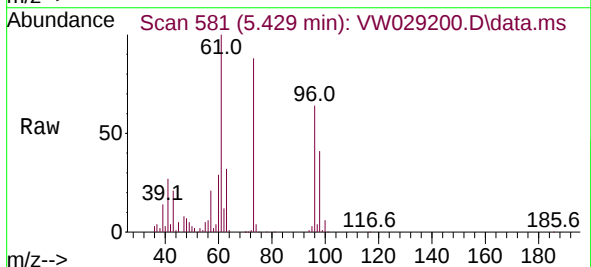
Tgt Ion: 73 Resp: 123117

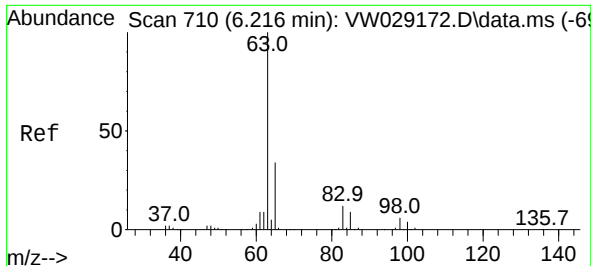
Ion Ratio Lower Upper

73 100

43 24.5 19.5 29.3

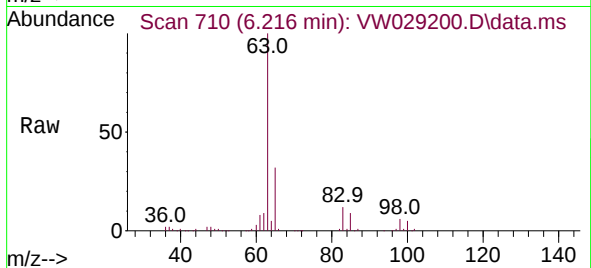
57 23.3 18.4 27.6



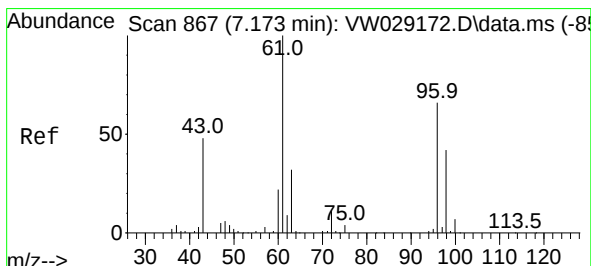
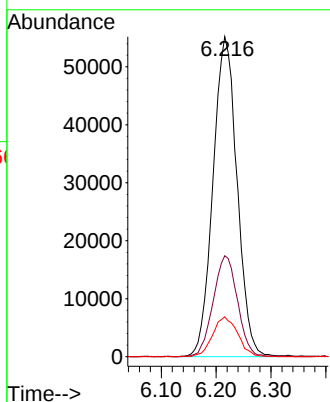
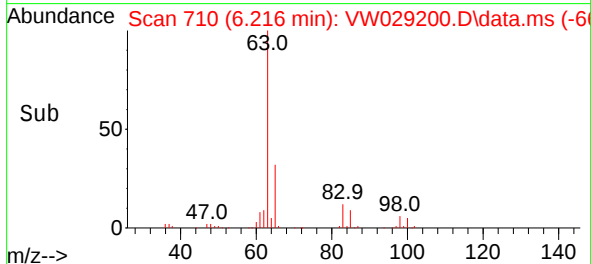


#19
1,1-Dichloroethane
Concen: 22.180 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

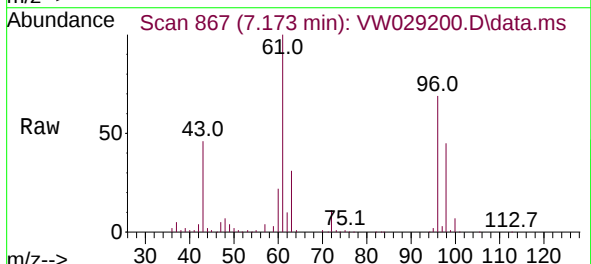
Instrument :
MSVOA_W
ClientSampleId :



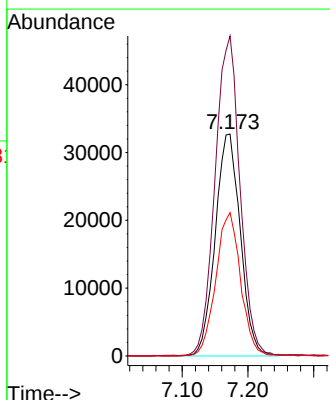
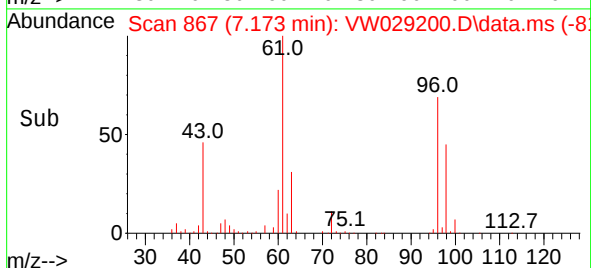
Tgt Ion: 63 Resp: 168212
Ion Ratio Lower Upper
63 100
65 31.5 23.4 43.4
83 12.5 8.9 16.5

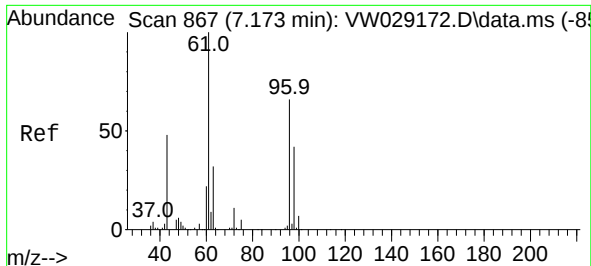


#20
cis-1,2-Dichloroethene
Concen: 22.466 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49



Tgt Ion: 96 Resp: 86992
Ion Ratio Lower Upper
96 100
61 144.2 97.8 181.6
98 64.6 43.0 79.8





#22

2-Butanone

Concen: 47.838 ug/L

RT: 7.167 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

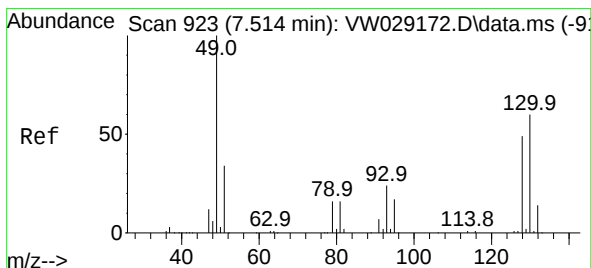
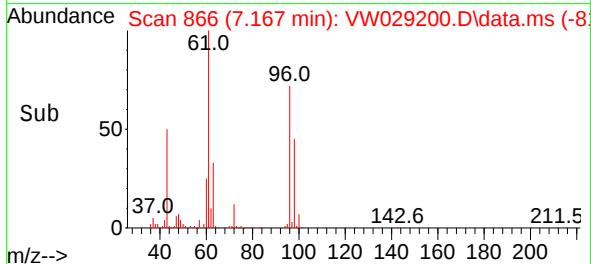
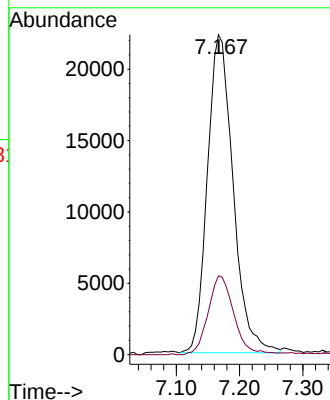
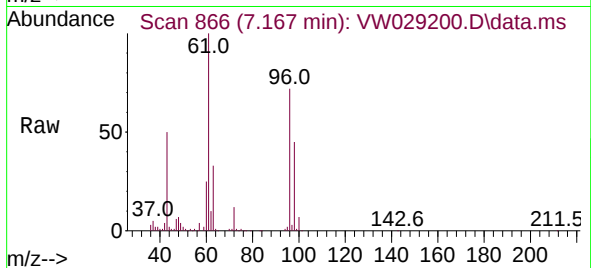
ClientSampleId :

Tgt Ion: 43 Resp: 62974

Ion Ratio Lower Upper

43 100

72 24.2 11.9 35.7



#23

Bromochloromethane

Concen: 21.264 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Tgt Ion: 128 Resp: 36654

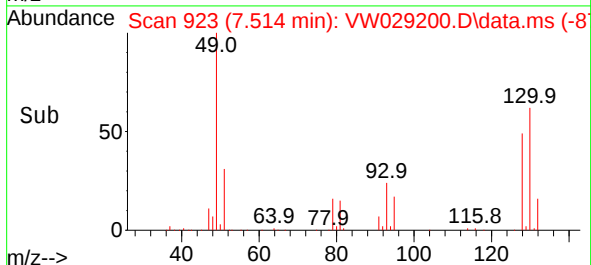
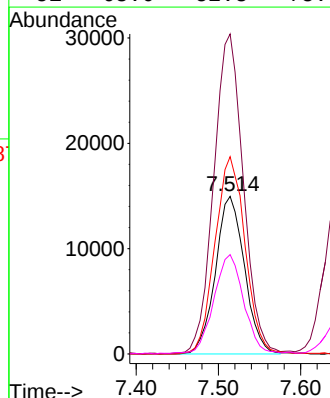
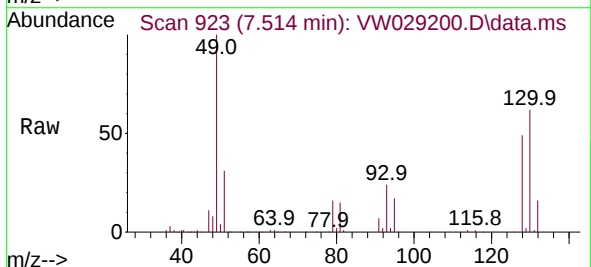
Ion Ratio Lower Upper

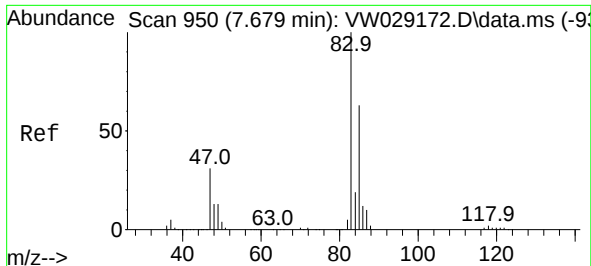
128 100

49 203.0 142.6 264.8

130 125.1 79.7 148.1

51 63.0 52.3 78.5





#25

Chloroform

Concen: 22.418 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

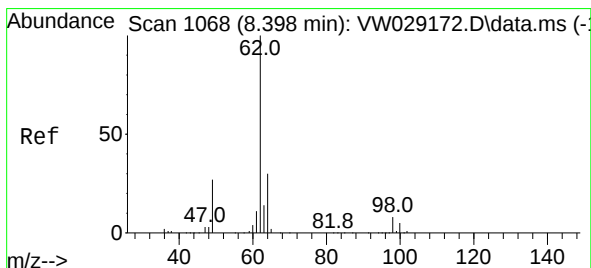
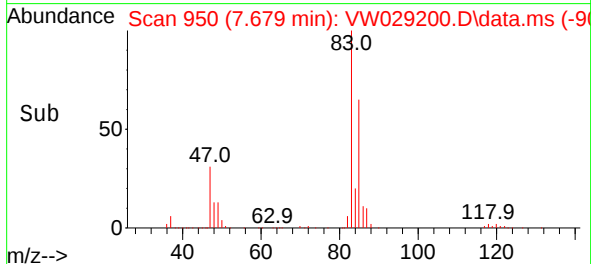
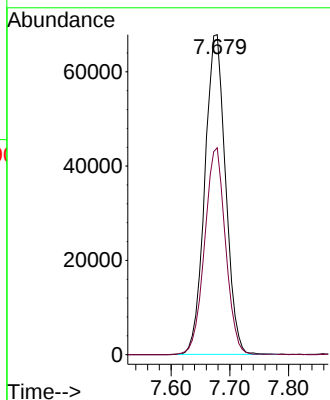
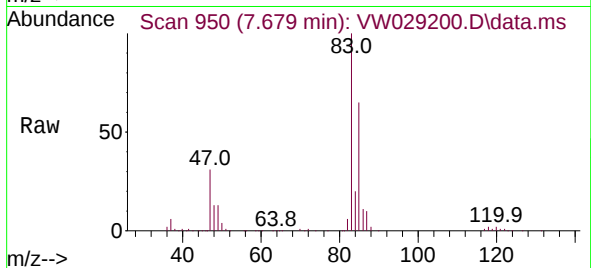
ClientSampleId :

Tgt Ion: 83 Resp: 166017

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.565 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029200.D

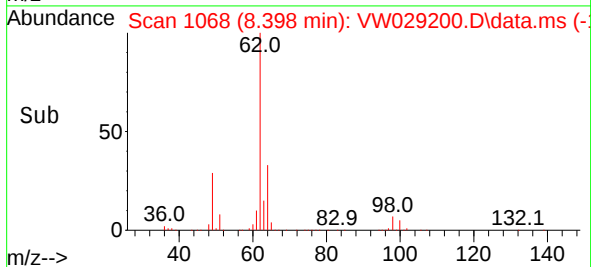
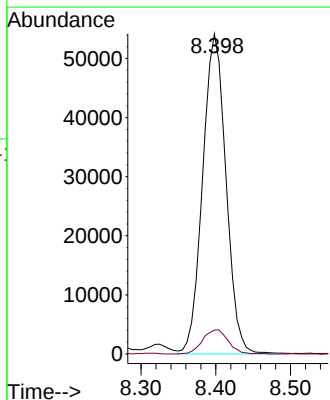
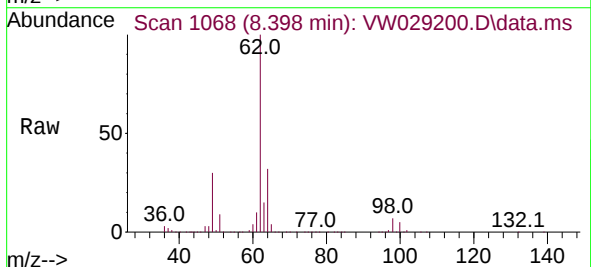
Acq: 19 Jun 2024 08:49

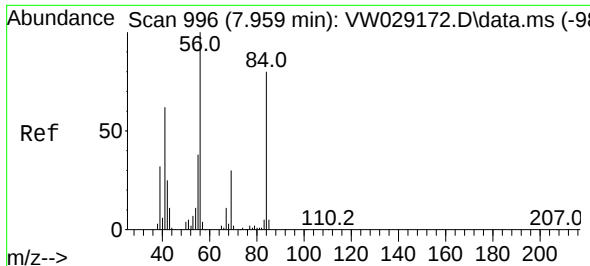
Tgt Ion: 62 Resp: 117783

Ion Ratio Lower Upper

62 100

98 7.4 6.6 10.0





#29

Cyclohexane

Concen: 24.166 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

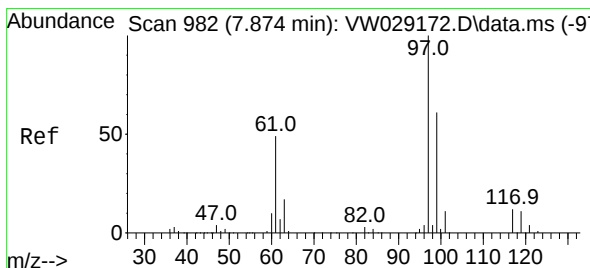
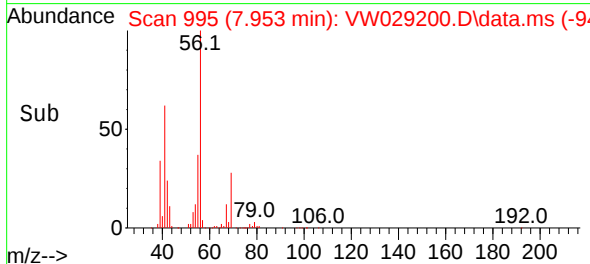
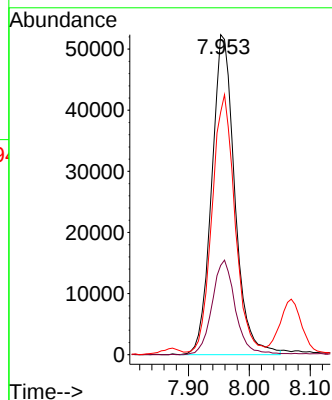
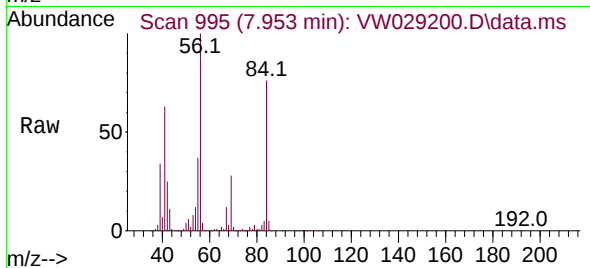
Tgt Ion: 56 Resp: 138061

Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.0

84 81.1 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 24.391 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

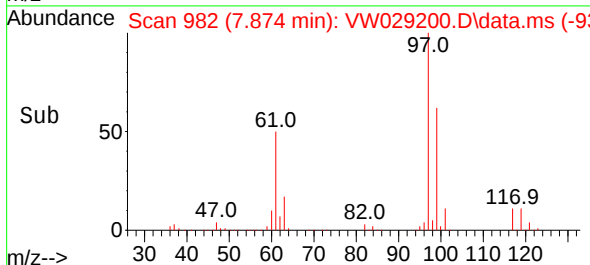
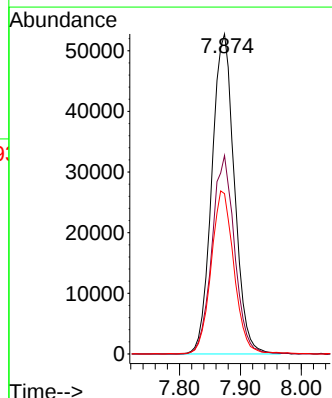
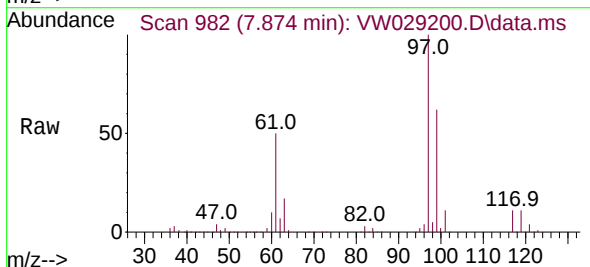
Tgt Ion: 97 Resp: 135545

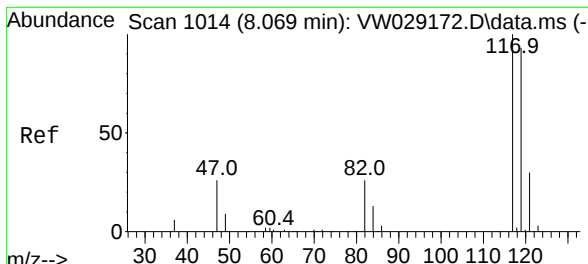
Ion Ratio Lower Upper

97 100

99 62.2 53.0 79.4

61 50.7 43.0 64.4

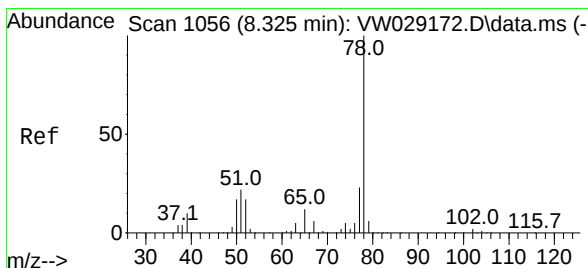
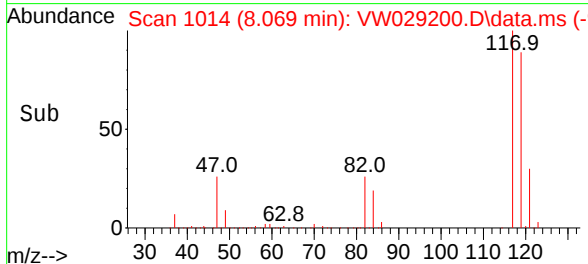
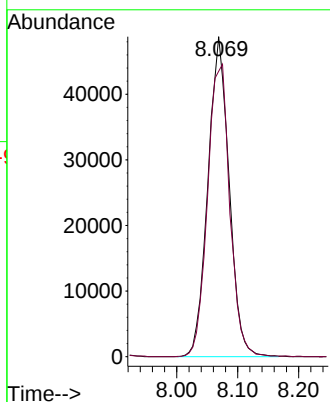
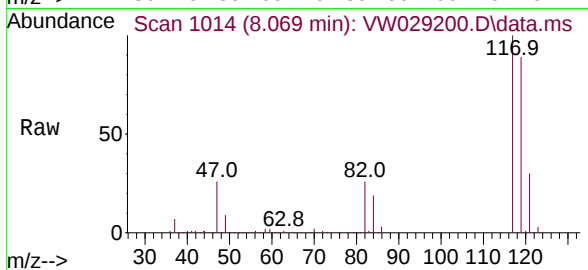




#31
 Carbon tetrachloride
 Concen: 23.257 ug/L
 RT: 8.069 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: VW029200.D
 Acq: 19 Jun 2024 08:49

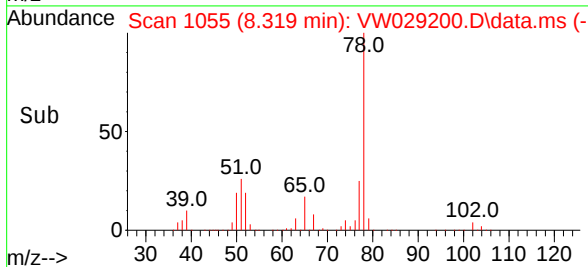
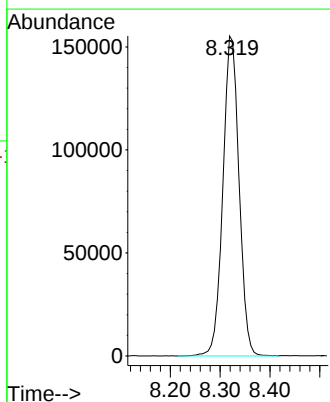
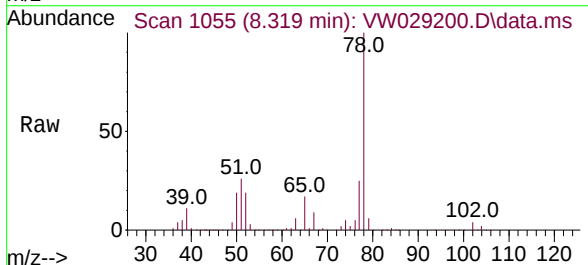
Instrument :
 MSVOA_W
 ClientSampleId :

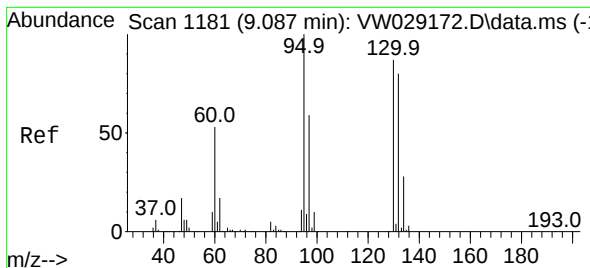
Tgt Ion:117 Resp: 118065
 Ion Ratio Lower Upper
 117 100
 119 96.1 79.0 118.4



#33
 Benzene
 Concen: 23.290 ug/L
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW029200.D
 Acq: 19 Jun 2024 08:49

Tgt Ion: 78 Resp: 349714





#34

Trichloroethene

Concen: 22.784 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

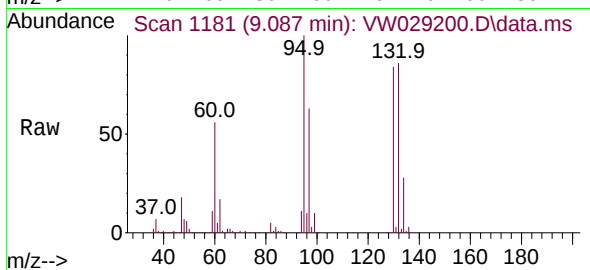
Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 91274

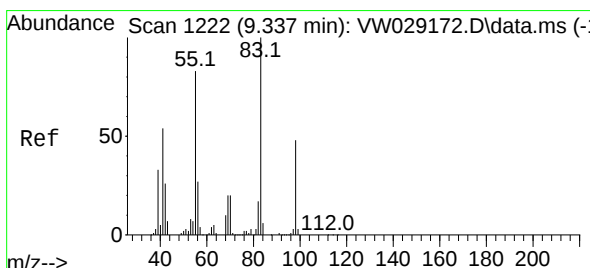
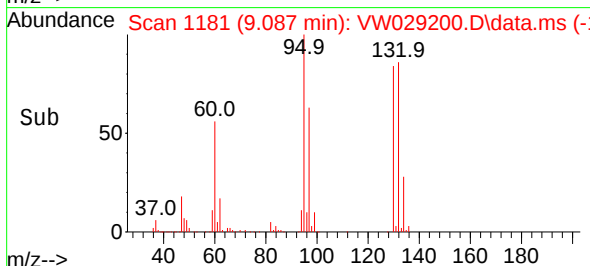
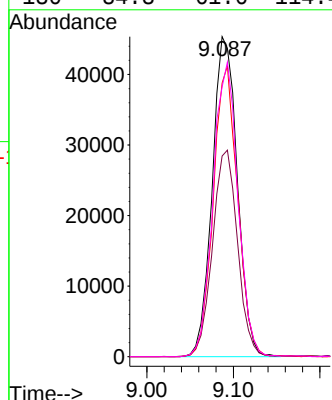
Ion Ratio Lower Upper

95 100

97 62.7 45.7 84.9

132 85.5 66.4 123.4

130 84.3 61.6 114.4



#35

Methylcyclohexane

Concen: 24.134 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

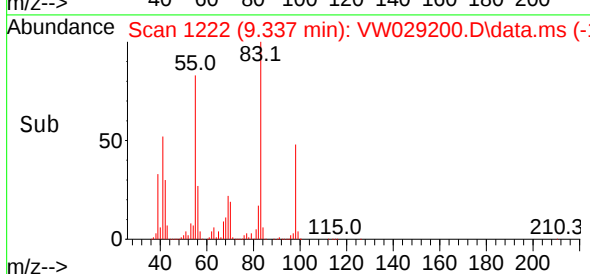
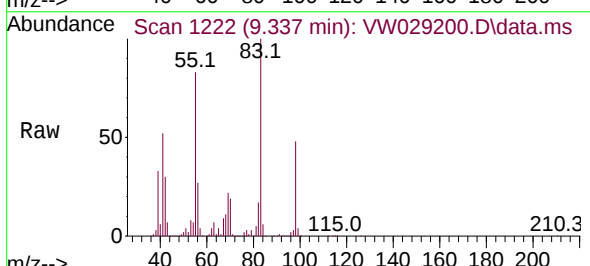
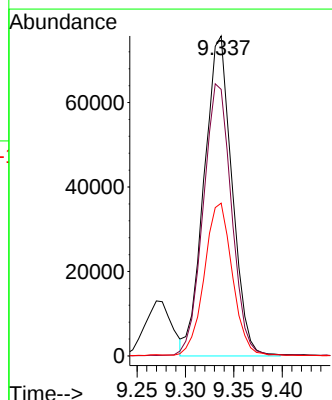
Tgt Ion: 83 Resp: 152052

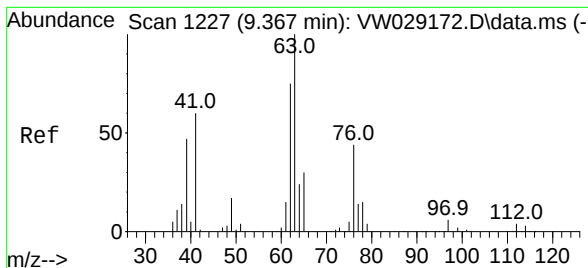
Ion Ratio Lower Upper

83 100

55 86.5 69.5 104.3

98 48.0 38.0 57.0





#37

1,2-Dichloropropane

Concen: 23.277 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

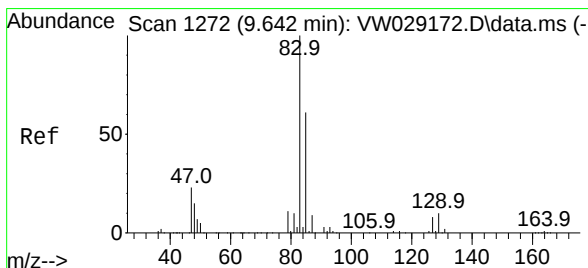
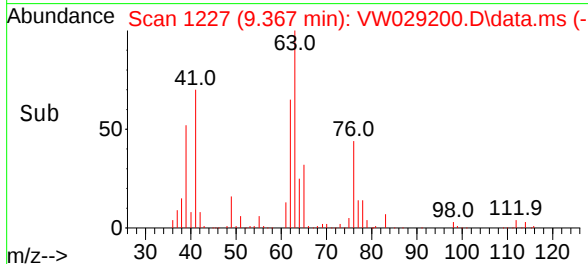
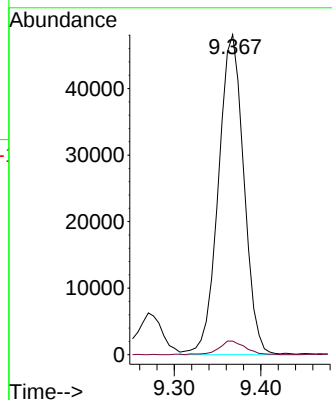
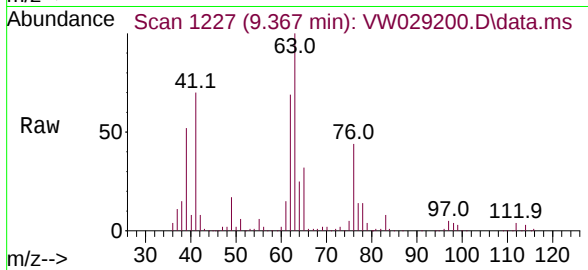
ClientSampleId :

Tgt Ion: 63 Resp: 98213

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 22.595 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

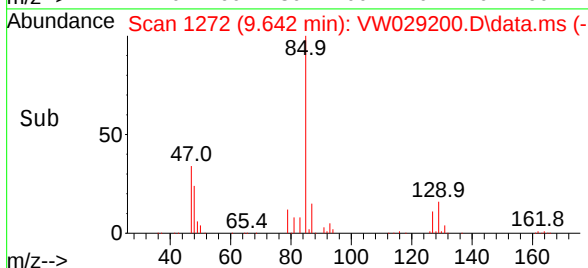
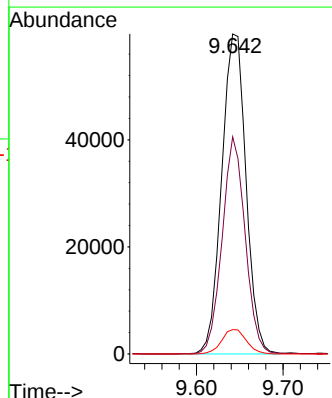
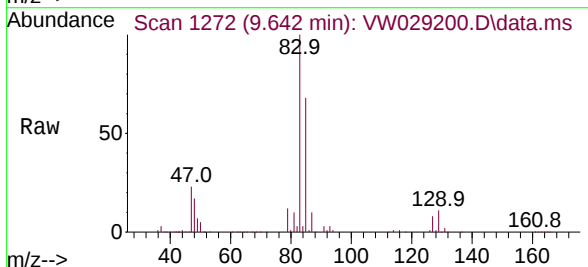
Tgt Ion: 83 Resp: 116565

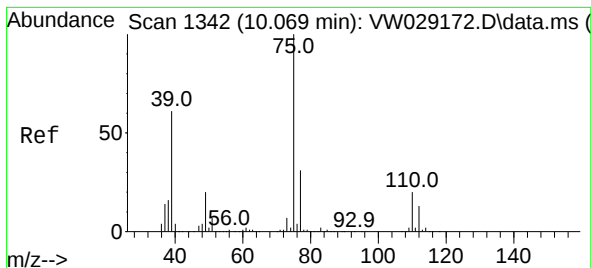
Ion Ratio Lower Upper

83 100

85 67.8 45.1 83.9

127 7.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 23.649 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

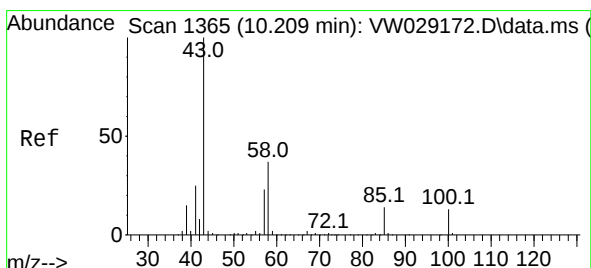
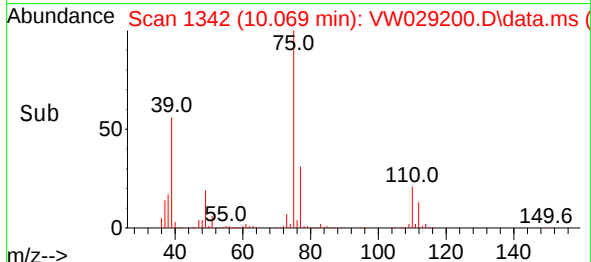
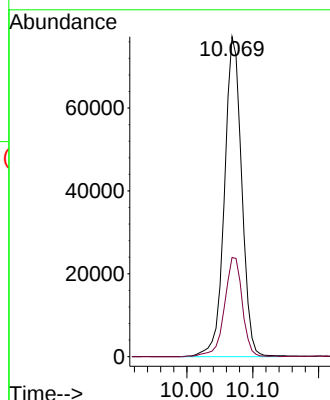
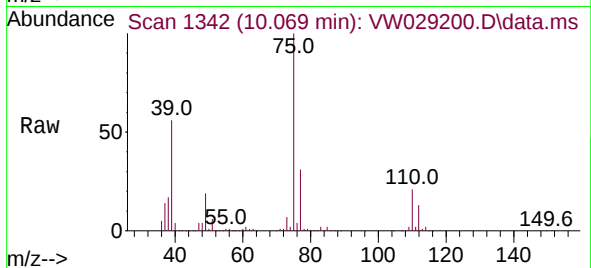
ClientSampleId :

Tgt Ion: 75 Resp: 141048

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 43.755 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

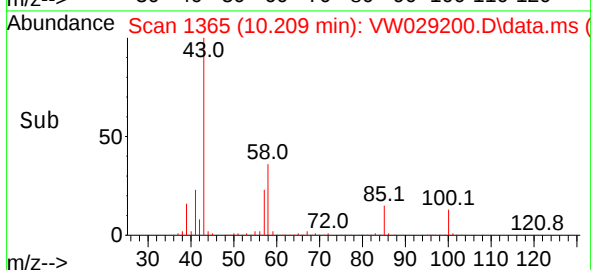
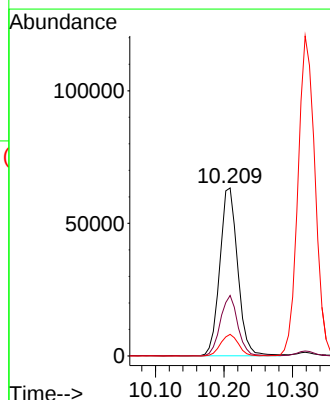
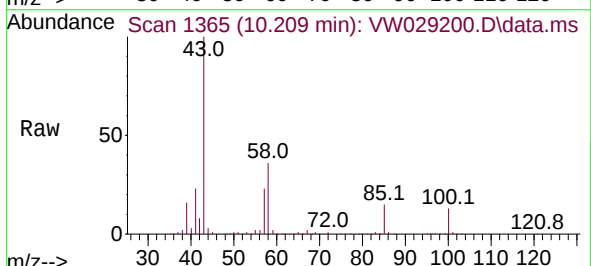
Tgt Ion: 43 Resp: 114427

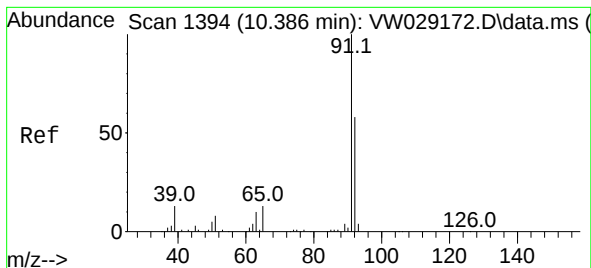
Ion Ratio Lower Upper

43 100

58 35.1 28.2 42.4

100 12.7 11.0 16.4





#42

Toluene

Concen: 23.974 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

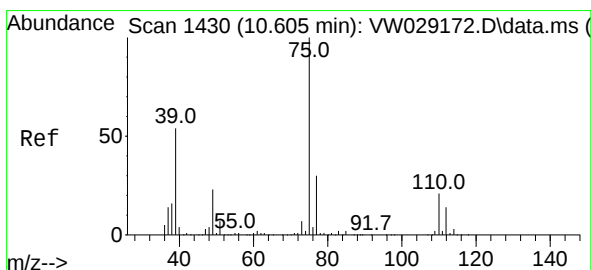
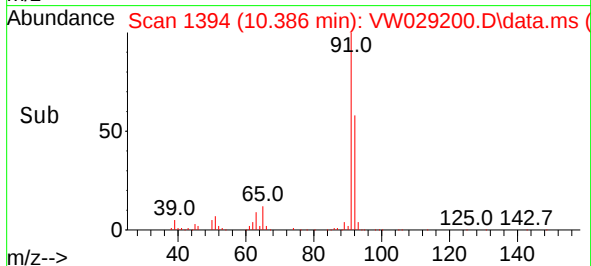
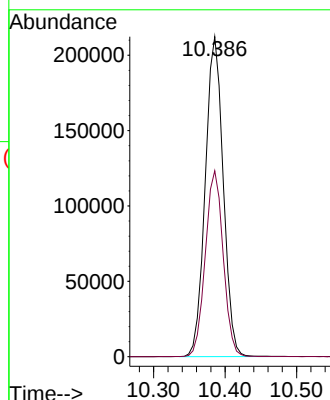
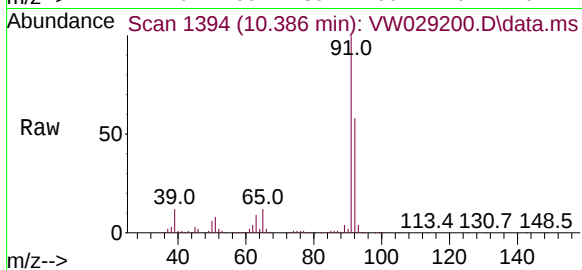
ClientSampleId :

Tgt Ion: 91 Resp: 370071

Ion Ratio Lower Upper

91 100

92 58.1 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 23.415 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029200.D

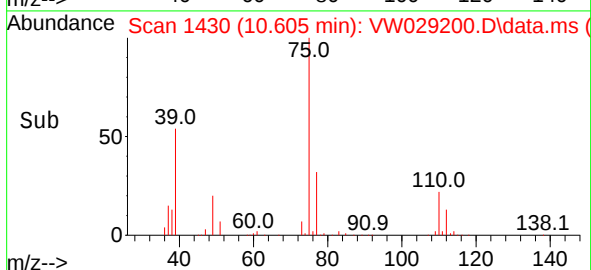
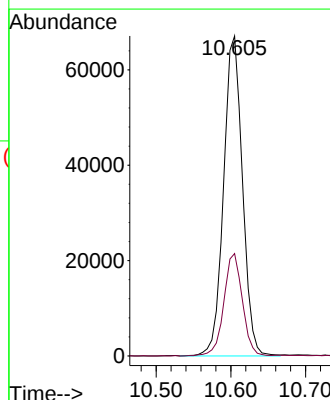
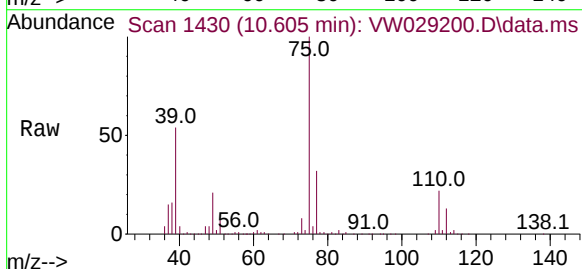
Acq: 19 Jun 2024 08:49

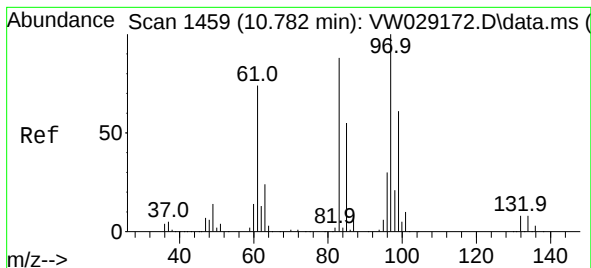
Tgt Ion: 75 Resp: 117922

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 21.612 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 63508

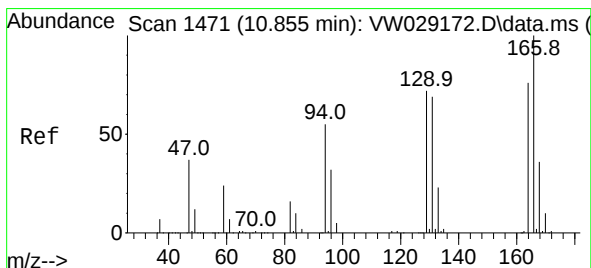
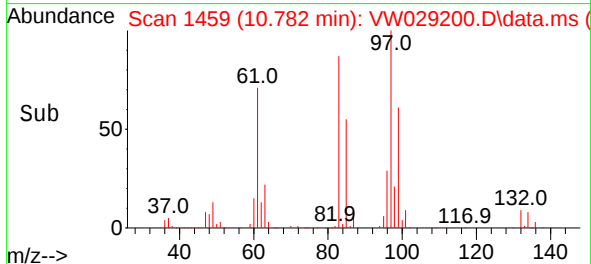
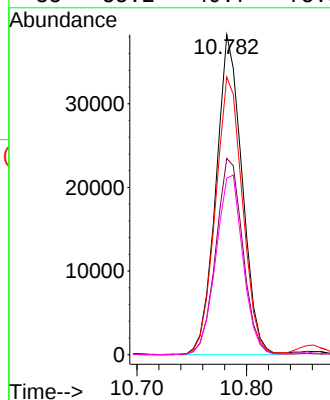
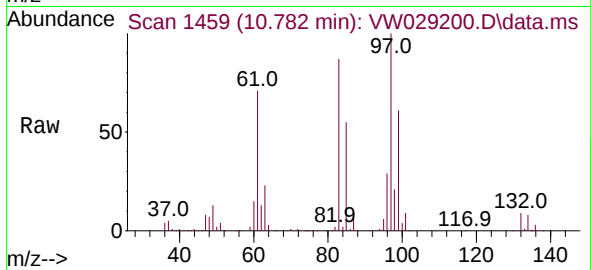
Ion Ratio Lower Upper

97 100

99 61.4 42.3 78.5

83 86.8 57.7 107.1

85 55.2 40.7 75.5



#46

Tetrachloroethene

Concen: 22.744 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Tgt Ion:164 Resp: 63693

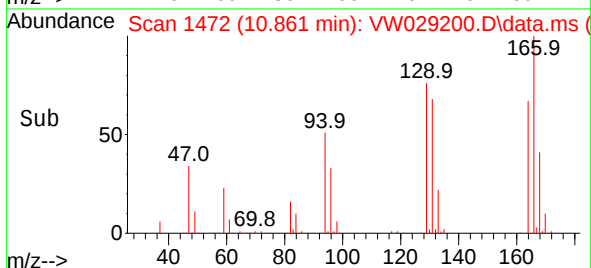
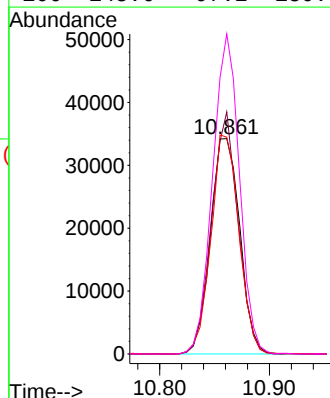
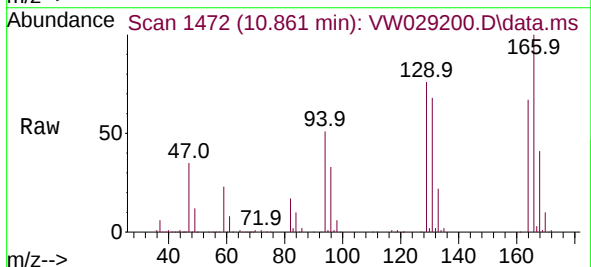
Ion Ratio Lower Upper

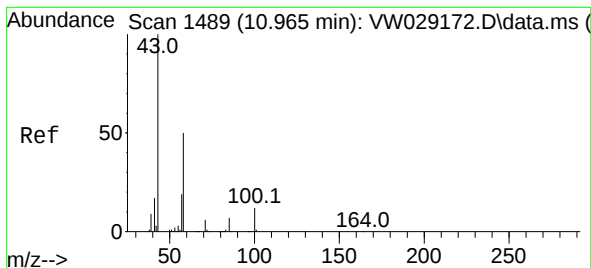
164 100

129 112.4 68.5 127.3

131 100.7 71.8 133.4

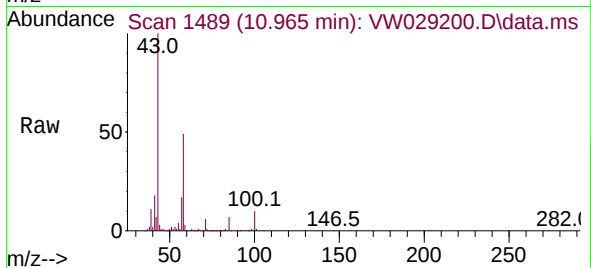
166 148.6 97.2 180.4



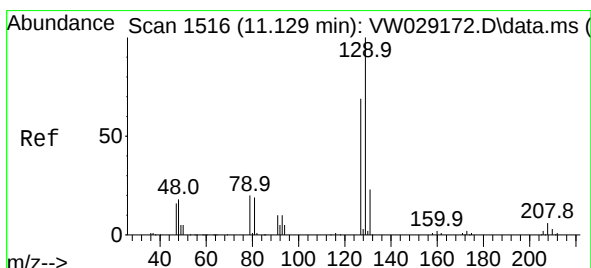
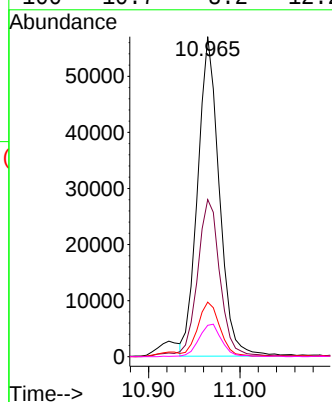
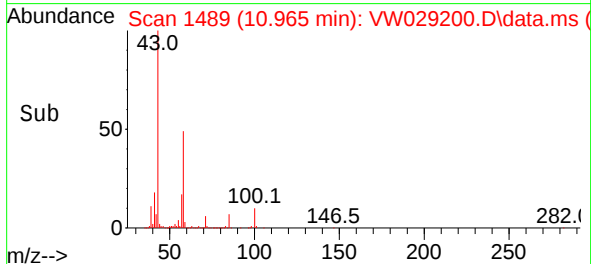


#48
2-Hexanone
Concen: 50.495 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

Instrument :
MSVOA_W
ClientSampleId :

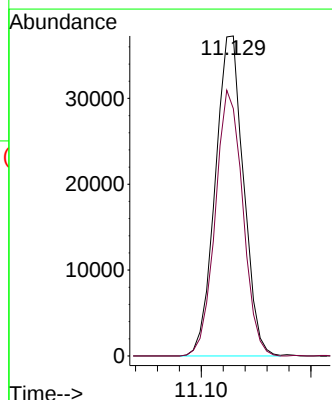
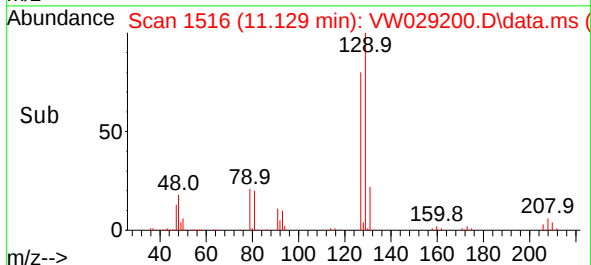
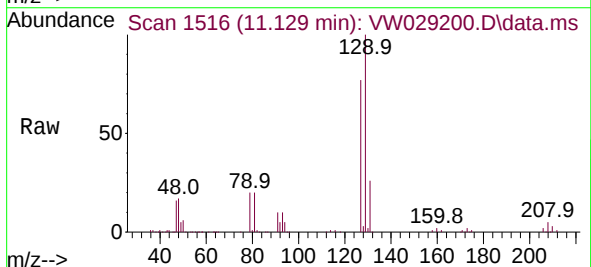


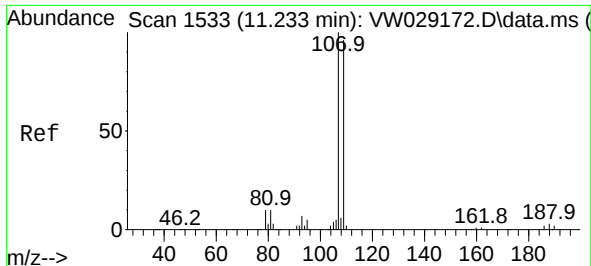
Tgt Ion: 43 Resp: 93702
Ion Ratio Lower Upper
43 100
58 50.7 39.6 59.4
57 17.5 14.6 21.8
100 10.7 8.2 12.2



#49
Dibromochloromethane
Concen: 21.773 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

Tgt Ion: 129 Resp: 66884
Ion Ratio Lower Upper
129 100
127 77.3 54.8 101.8





#50

1,2-Dibromoethane

Concen: 22.326 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029200.D

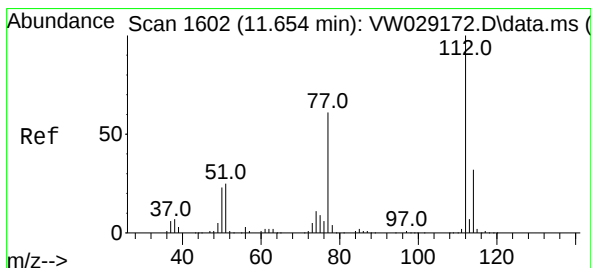
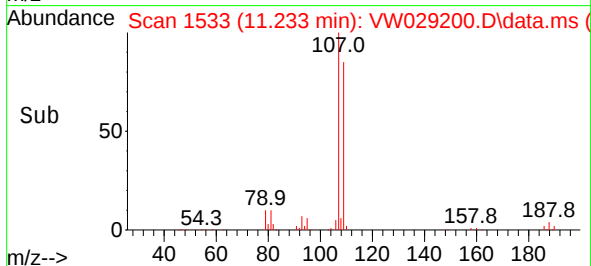
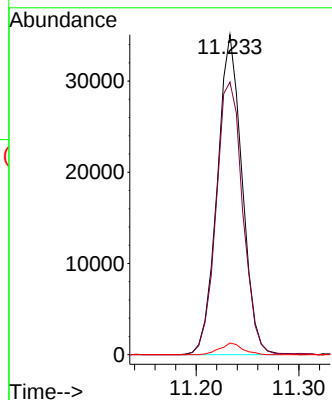
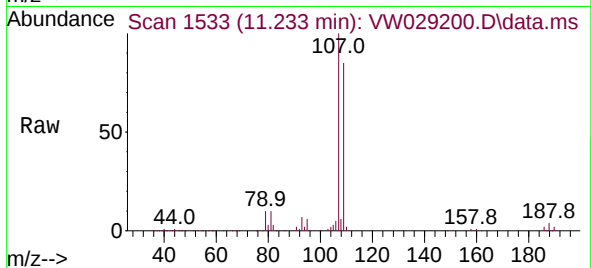
Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	58892
Ion	Ratio	Lower	Upper
107	100		
109	85.2	65.5	121.6
188	3.7	2.6	4.0



#51

Chlorobenzene

Concen: 22.838 ug/L

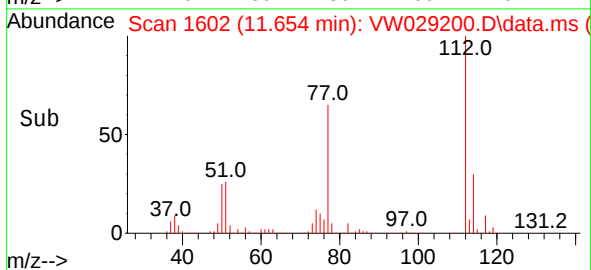
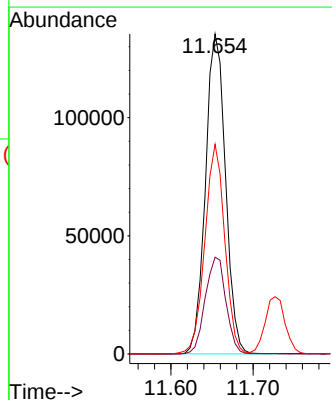
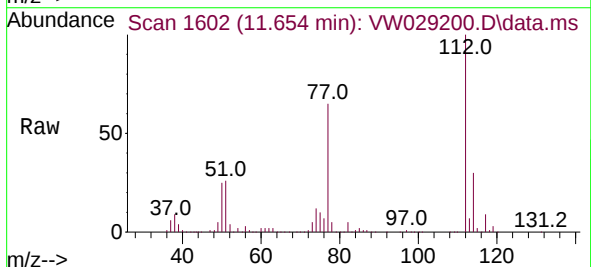
RT: 11.654 min Scan# 1602

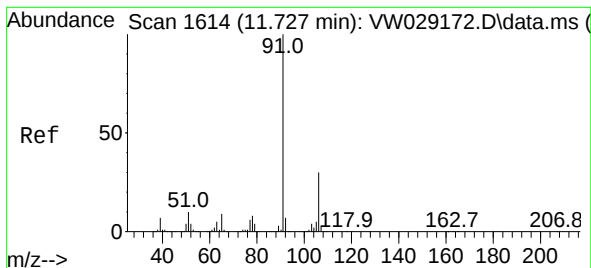
Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Tgt Ion:	112	Resp:	228937
Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.6	42.0
77	65.5	51.0	76.6

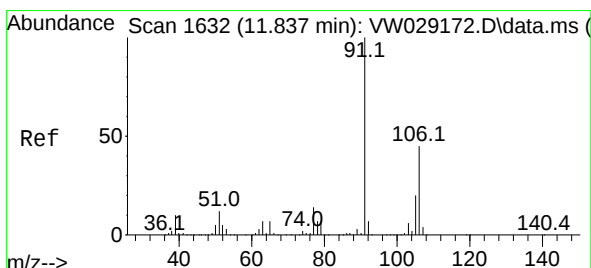
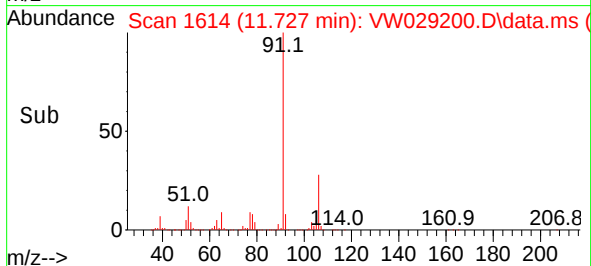
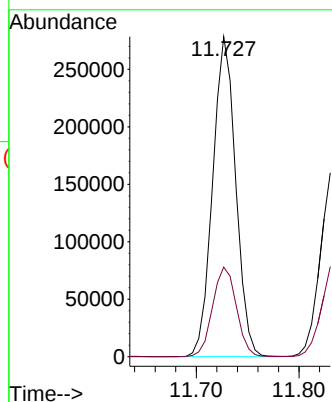
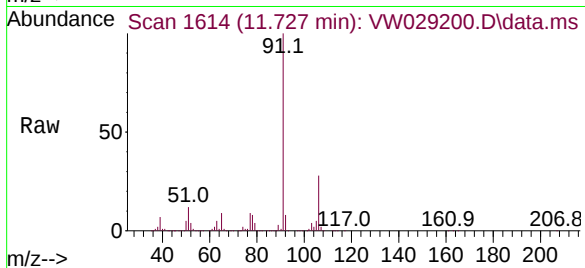




#52
Ethylbenzene
Concen: 24.704 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

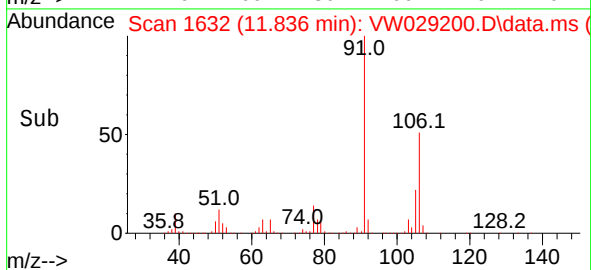
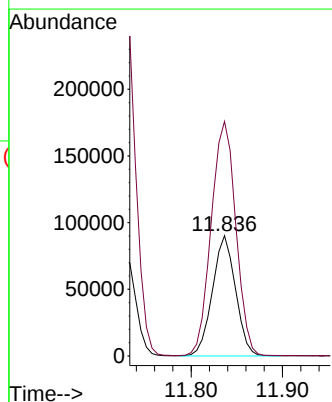
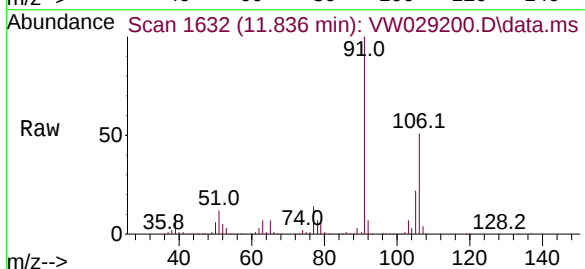
Instrument :
MSVOA_W
ClientSampleId :

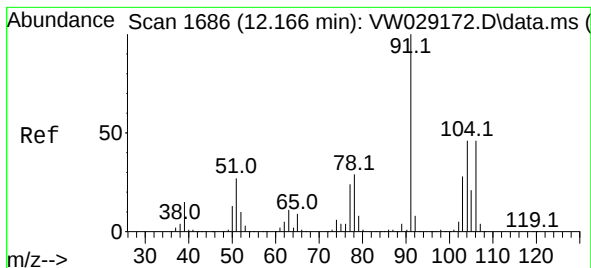
Tgt Ion: 91 Resp: 432870
Ion Ratio Lower Upper
91 100
106 28.0 19.9 37.0



#53
m,p-Xylene
Concen: 24.747 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

Tgt Ion:106 Resp: 158393
Ion Ratio Lower Upper
106 100
91 194.9 140.5 260.9





#54

o-Xylene

Concen: 24.638 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

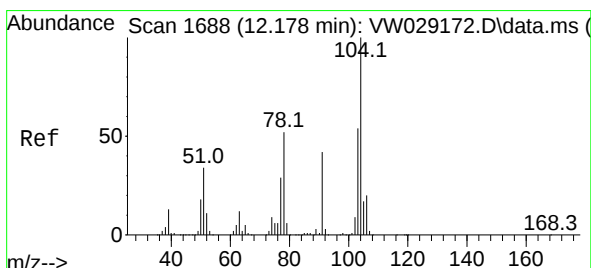
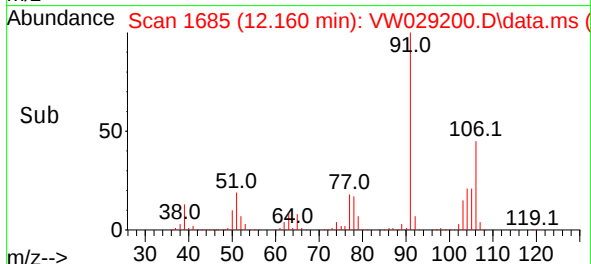
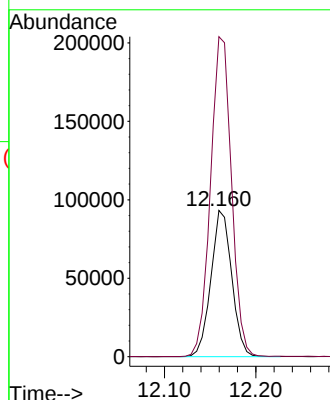
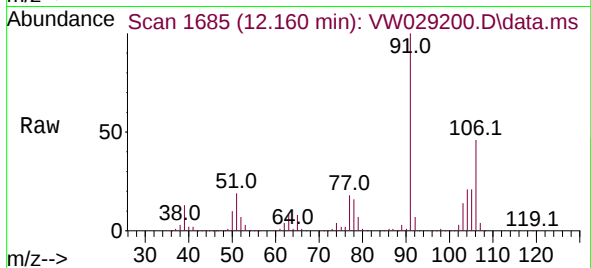
ClientSampleId :

Tgt Ion:106 Resp: 147378

Ion Ratio Lower Upper

106 100

91 218.8 149.9 278.5



#55

Styrene

Concen: 24.252 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029200.D

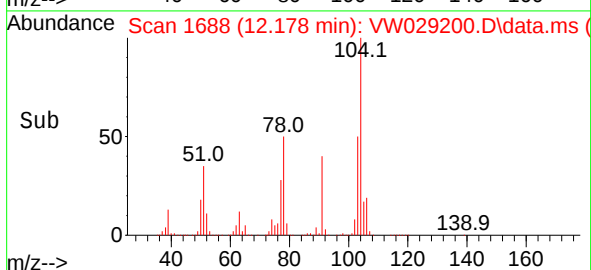
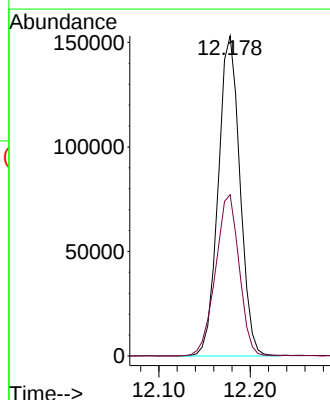
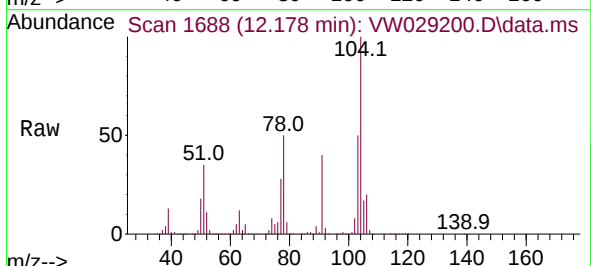
Acq: 19 Jun 2024 08:49

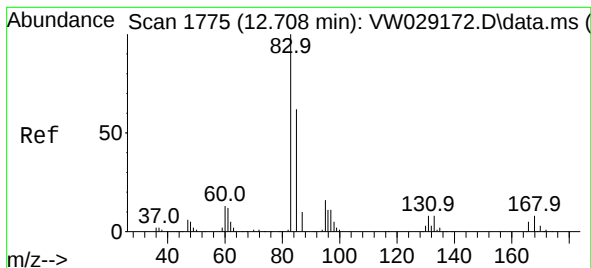
Tgt Ion:104 Resp: 252941

Ion Ratio Lower Upper

104 100

78 50.4 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 21.277 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

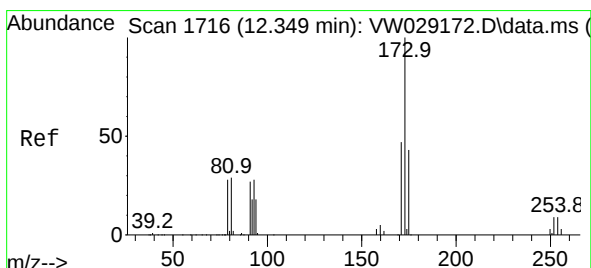
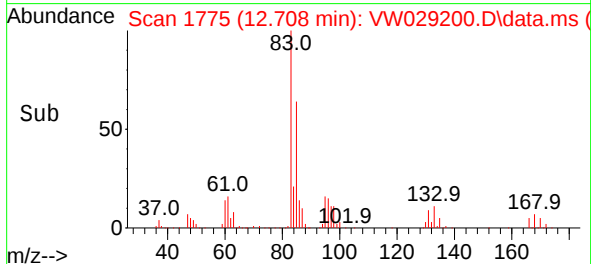
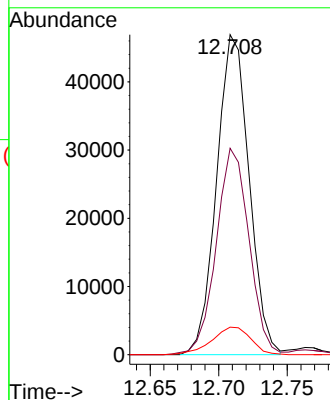
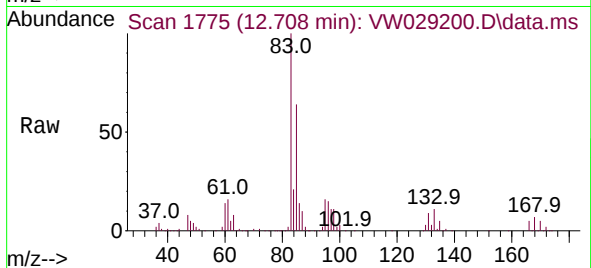
Tgt Ion: 83 Resp: 77341

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.0

131 8.6 7.8 11.6



#59

Bromoform

Concen: 21.262 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

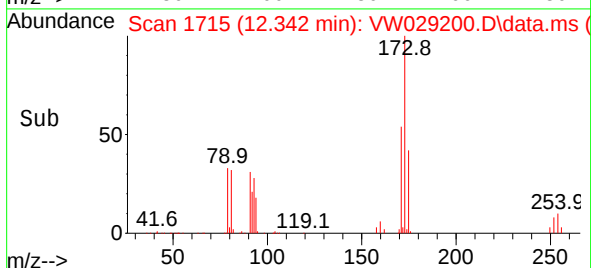
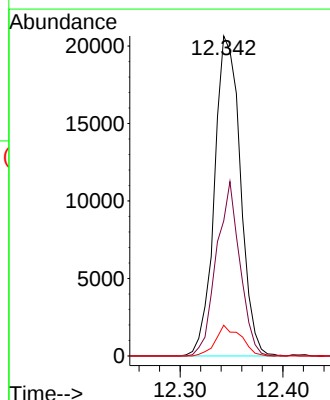
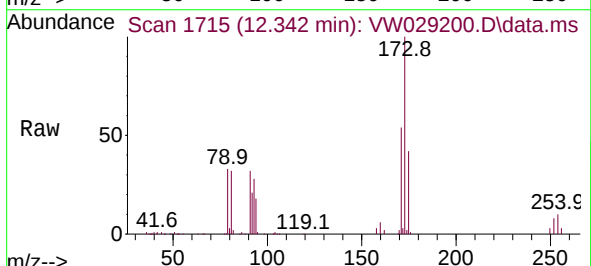
Tgt Ion:173 Resp: 36157

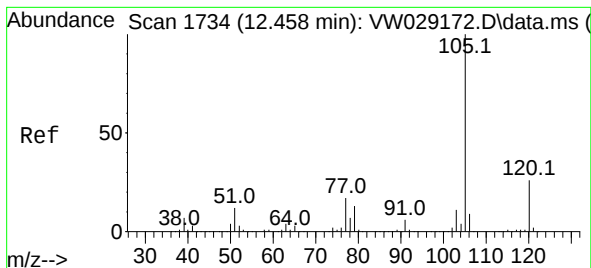
Ion Ratio Lower Upper

173 100

175 49.4 37.8 56.8

254 9.3 7.8 11.6





#60

Isopropylbenzene

Concen: 25.474 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

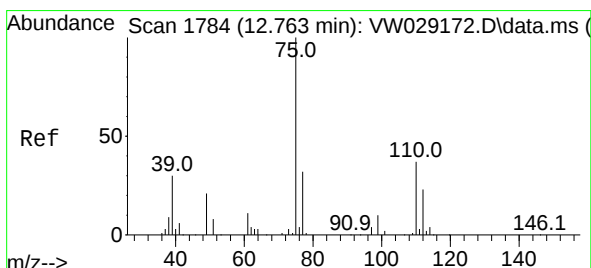
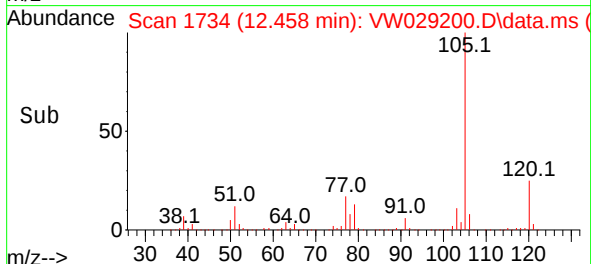
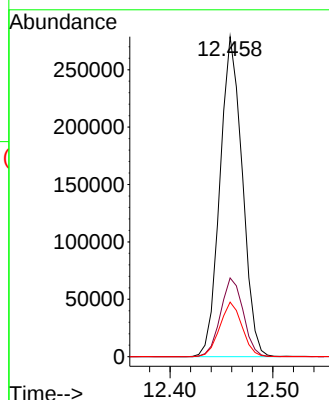
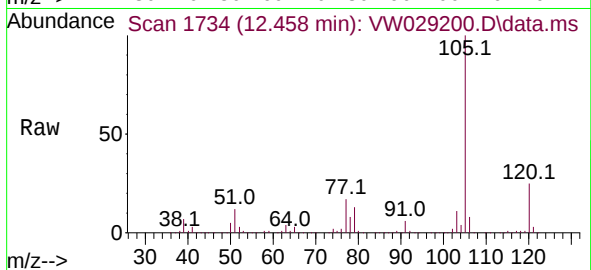
Tgt Ion:105 Resp: 421150

Ion Ratio Lower Upper

105 100

120 24.9 20.5 30.7

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 21.470 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

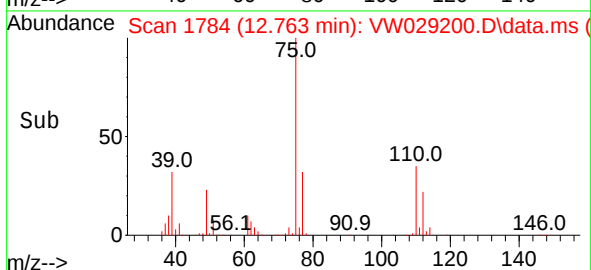
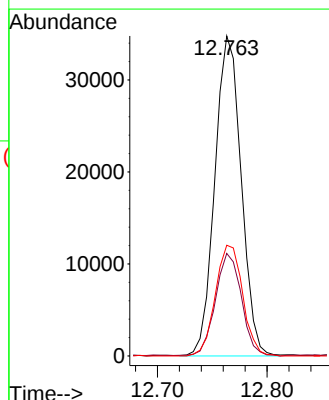
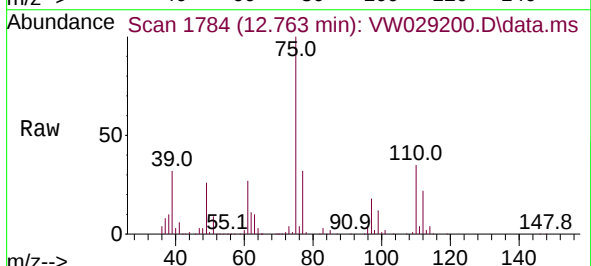
Tgt Ion: 75 Resp: 58104

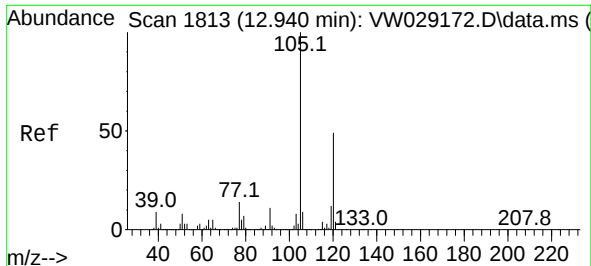
Ion Ratio Lower Upper

75 100

77 31.7 26.6 39.8

110 35.7 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 26.056 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

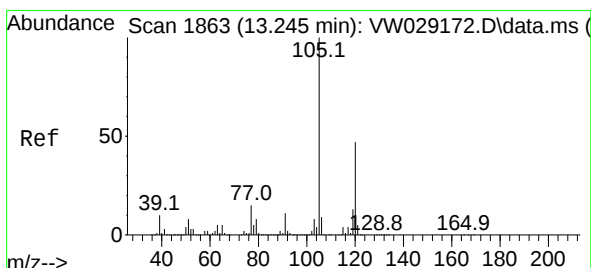
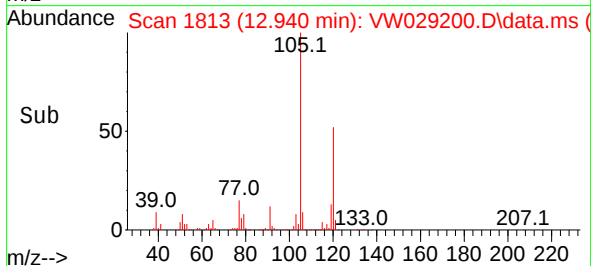
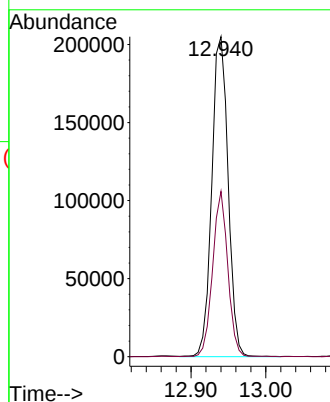
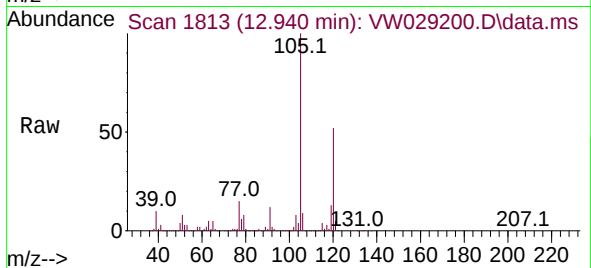
ClientSampleId :

Tgt Ion:105 Resp: 311976

Ion Ratio Lower Upper

105 100

120 48.0 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 25.585 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029200.D

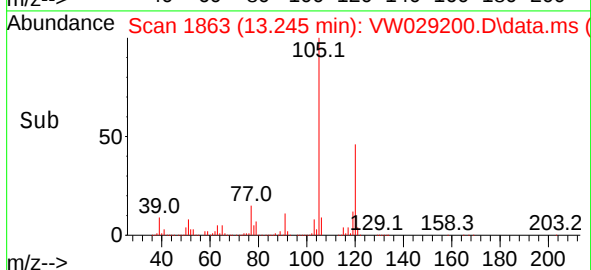
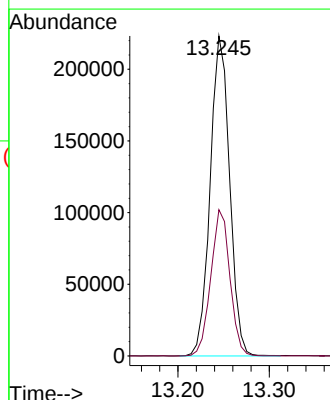
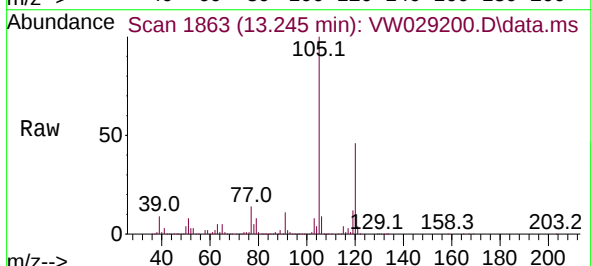
Acq: 19 Jun 2024 08:49

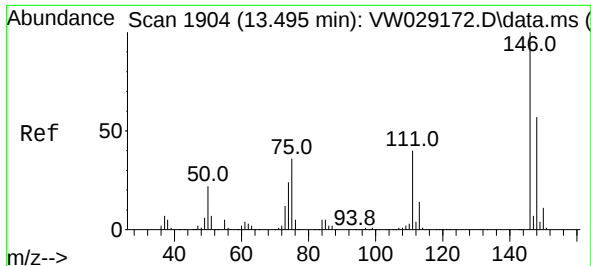
Tgt Ion:105 Resp: 329600

Ion Ratio Lower Upper

105 100

120 44.9 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 24.056 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

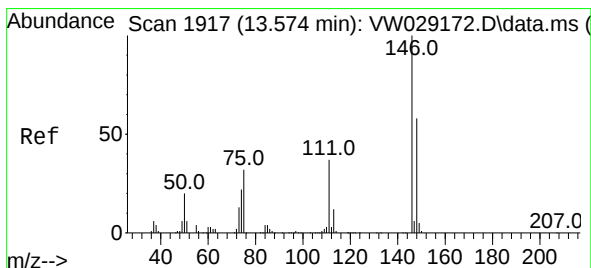
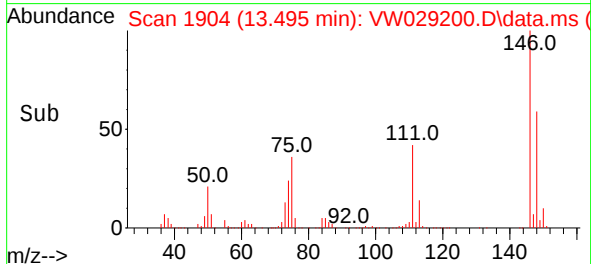
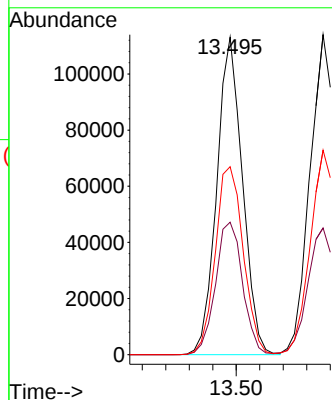
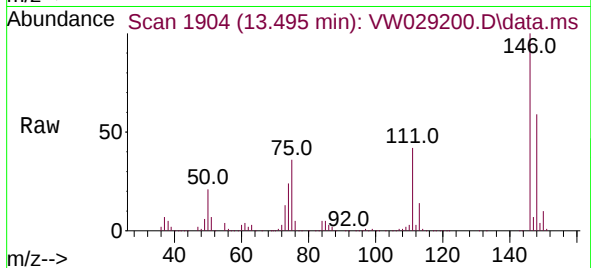
Tgt Ion:146 Resp: 172107

Ion Ratio Lower Upper

146 100

111 41.7 33.0 61.2

148 59.2 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 23.115 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

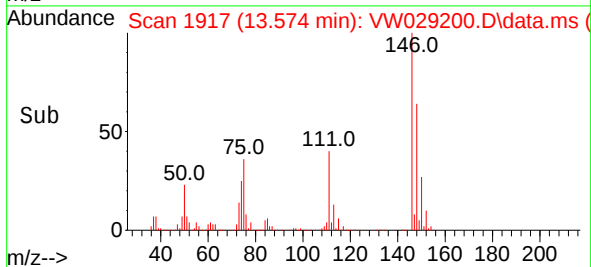
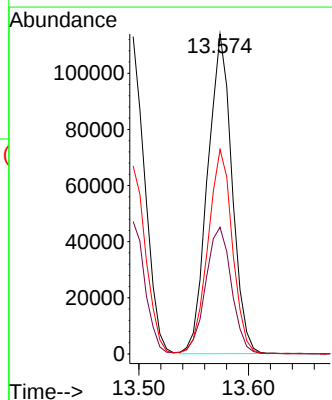
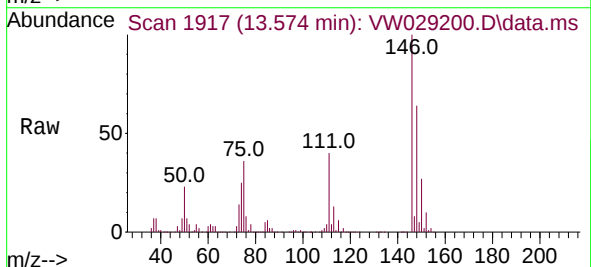
Tgt Ion:146 Resp: 175960

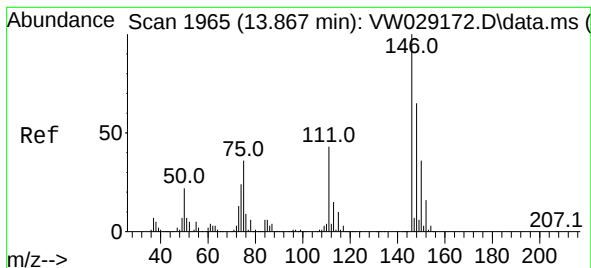
Ion Ratio Lower Upper

146 100

111 39.6 28.9 53.7

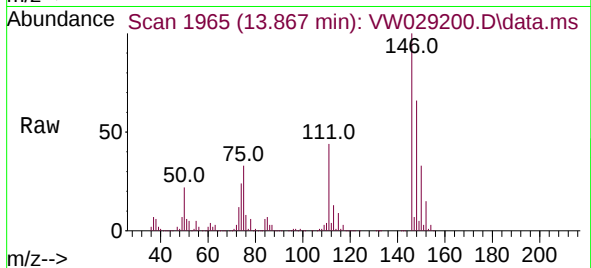
148 63.9 42.0 78.0



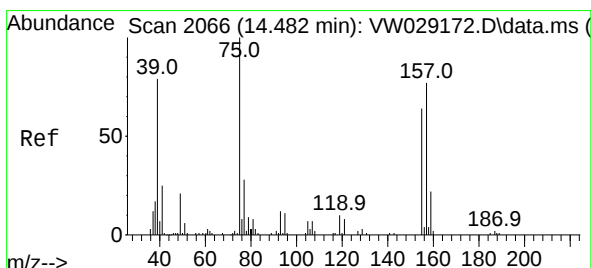
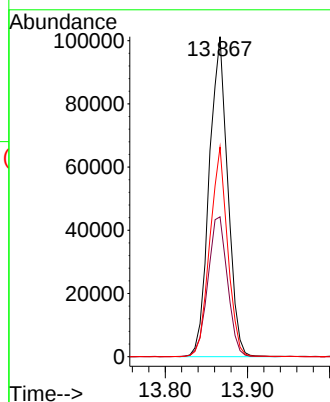
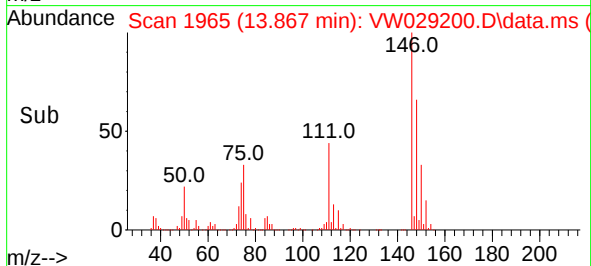


#67
1,2-Dichlorobenzene
Concen: 23.941 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

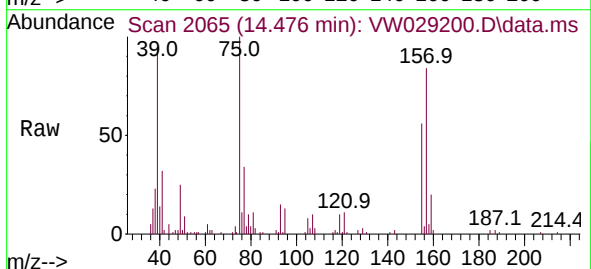
Instrument :
MSVOA_W
ClientSampleId :



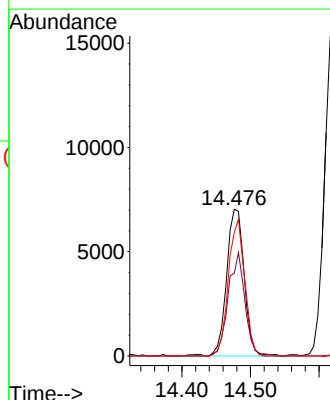
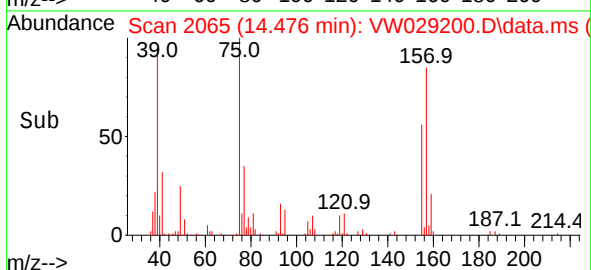
Tgt Ion:146 Resp: 158353
Ion Ratio Lower Upper
146 100
111 43.7 34.2 51.4
148 65.5 46.3 69.5

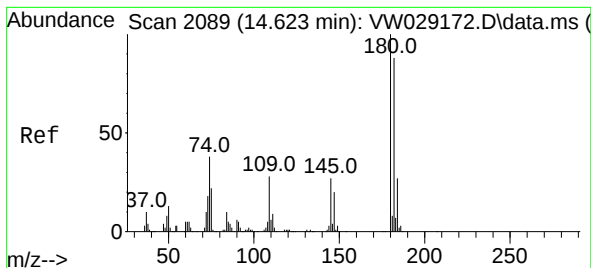


#68
1,2-Dibromo-3-chloropropane
Concen: 19.895 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49



Tgt Ion: 75 Resp: 12565
Ion Ratio Lower Upper
75 100
155 56.4 51.0 76.6
157 84.1 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 23.713 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 114498

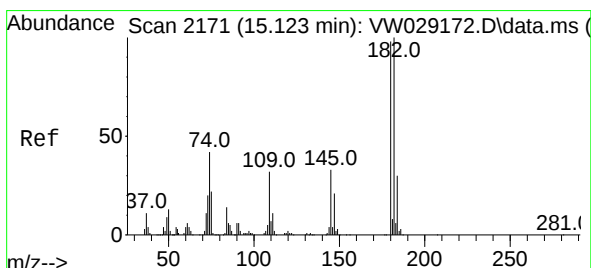
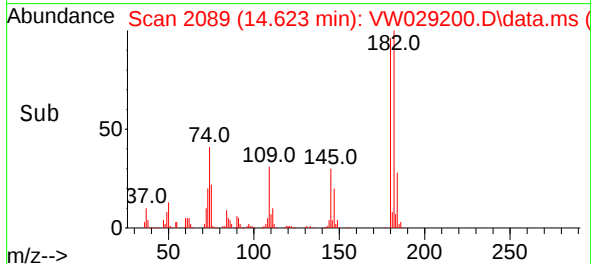
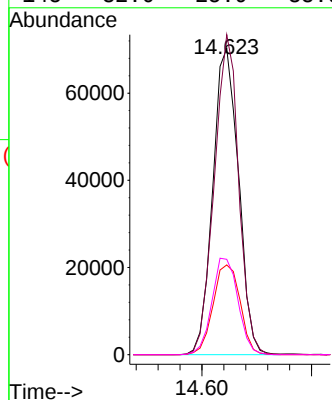
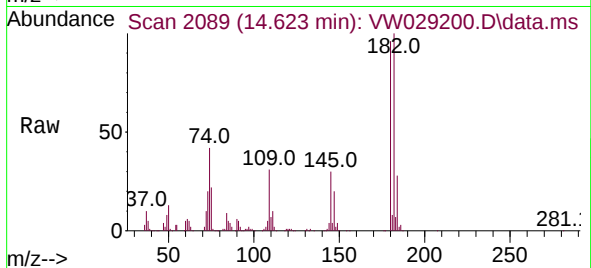
Ion Ratio Lower Upper

180 100

182 99.1 72.9 109.3

184 30.9 23.8 35.6

145 32.0 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 23.903 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029200.D

Acq: 19 Jun 2024 08:49

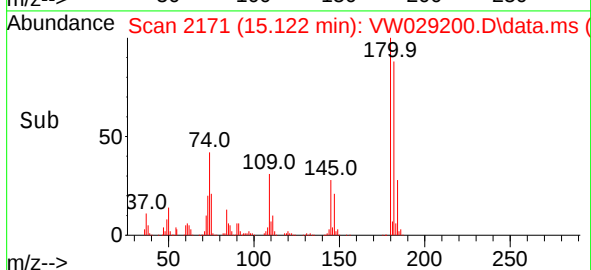
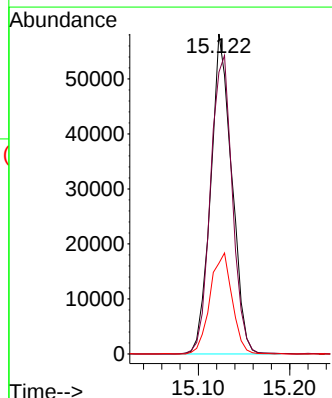
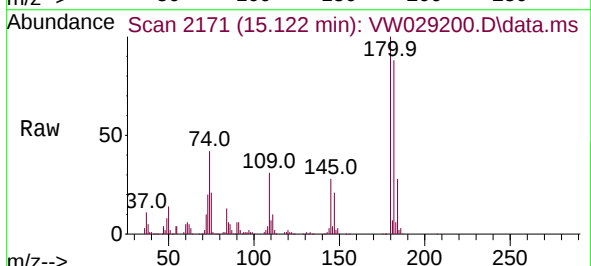
Tgt Ion:180 Resp: 93563

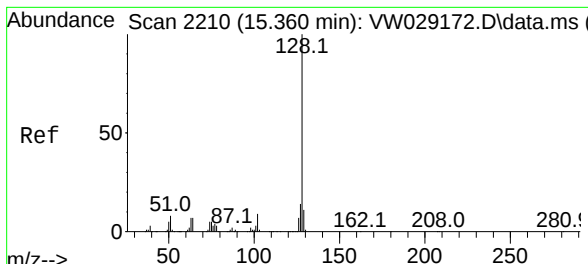
Ion Ratio Lower Upper

180 100

182 96.0 77.7 116.5

145 32.9 25.7 38.5



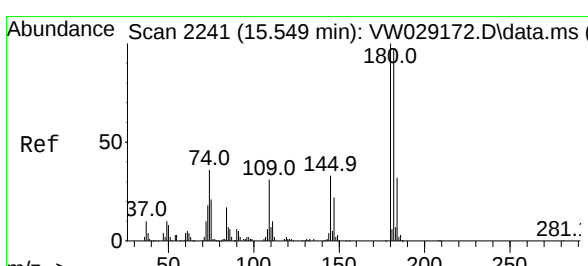
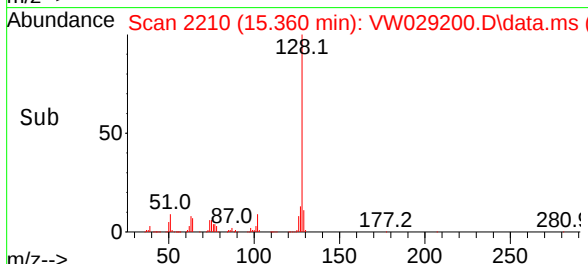
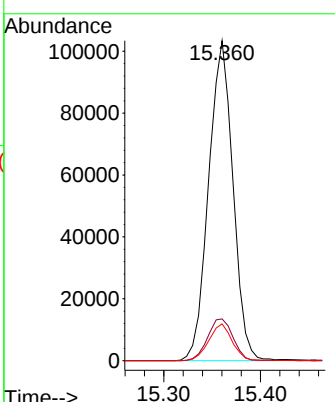
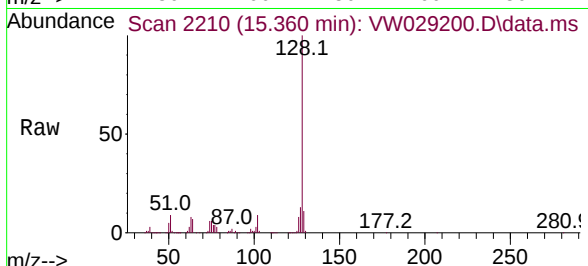


#71
Naphthalene
Concen: 23.371 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 180554

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.0	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 24.177 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029200.D
Acq: 19 Jun 2024 08:49

Tgt Ion:180 Resp: 86227

Ion	Ratio	Lower	Upper
180	100		
182	97.1	73.0	109.6
145	35.3	28.1	42.1

