

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028082.D
 Acq On : 29 Feb 2024 10:27
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 01 00:21:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	261691	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116597	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	8231	2.635	ug/L	0.00
7) Chloroethane-d5	2.899	69	6199	2.562	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	3121	2.446	ug/L	0.00
21) 2-Butanone-d5	7.099	46	1637	3.674	ug/L	0.02
24) Chloroform-d	7.648	84	13501	2.436	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	6221	2.412	ug/L	0.00
32) Benzene-d6	8.276	84	26744	2.400	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	6974	2.422	ug/L	0.00
41) Toluene-d8	10.324	98	24765	2.358	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.580	79	2669	2.115	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	1326	3.270	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	4941	2.174	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	8858	2.555	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	6910	2.596	ug/L	95
3) Chloromethane	2.222	50	6108	2.403	ug/L	98
5) Vinyl chloride	2.375	62	9132	2.578	ug/L	100
6) Bromomethane	2.789	94	7519	2.660	ug/L	85
8) Chloroethane	2.942	64	5729	2.575	ug/L	93
9) Trichlorofluoromethane	3.277	101	8232	2.491	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9185	2.674	ug/L #	78
12) 1,1-Dichloroethene	4.051	96	8410	2.585	ug/L	90
13) Acetone	4.130	43	2446	3.954	ug/L	94
14) Carbon disulfide	4.393	76	25408	2.564	ug/L	98
15) Methyl Acetate	4.679	43	171	0.194	ug/L #	1
16) Methylene chloride	4.917	84	10358	2.877	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	8872	2.552	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	10261	2.410	ug/L #	93
19) 1,1-Dichloroethane	6.221	63	14327	2.607	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	8903	2.434	ug/L	89
22) 2-Butanone	7.173	43	2691	3.868	ug/L	73
23) Bromochloromethane	7.514	128	4412	2.569	ug/L	81
25) Chloroform	7.679	83	16435	2.677	ug/L	96
27) 1,2-Dichloroethane	8.404	62	9459	2.591	ug/L	100
29) Cyclohexane	7.953	56	11020	2.401	ug/L	97
30) 1,1,1-Trichloroethane	7.880	97	13815	2.592	ug/L	99
31) Carbon tetrachloride	8.075	117	12978	2.607	ug/L	97
33) Benzene	8.325	78	32442	2.516	ug/L	100
34) Trichloroethene	9.087	95	10025	2.653	ug/L	93
35) Methylcyclohexane	9.331	83	15363	2.512	ug/L	96
37) 1,2-Dichloropropane	9.367	63	7532	2.508	ug/L	99
38) Bromodichloromethane	9.648	83	11035	2.544	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	11722	2.373	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	5165	4.330	ug/L	97
42) Toluene	10.385	91	36479	2.503	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	8737	2.178	ug/L	97

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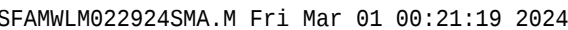
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 MSVOA_W
 ClientSampleId :

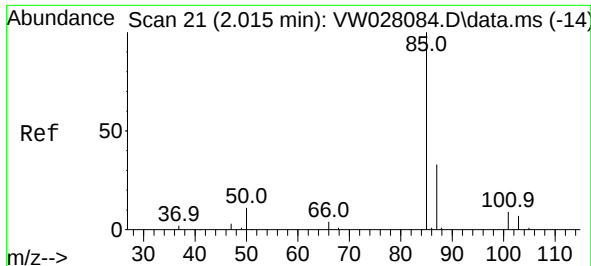
Quant Time: Mar 01 00:21:02 2024
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 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	6331	2.514	ug/L	93
46) Tetrachloroethene	10.861	164	8279	2.614	ug/L	89
48) 2-Hexanone	10.971	43	3647	3.781	ug/L	97
49) Dibromochloromethane	11.129	129	6847	2.338	ug/L	99
50) 1,2-Dibromoethane	11.233	107	5844	2.409	ug/L	98
51) Chlorobenzene	11.653	112	25322	2.604	ug/L	93
52) Ethylbenzene	11.727	91	41264	2.477	ug/L	95
53) m,p-Xylene	11.836	106	15673	2.425	ug/L	91
54) o-Xylene	12.166	106	14717	2.406	ug/L	90
55) Styrene	12.178	104	24100	2.310	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	6617	2.436	ug/L	96
59) Bromoform	12.348	173	3828	2.316	ug/L #	95
60) Isopropylbenzene	12.458	105	40379	2.524	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	4535	2.530	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	25150	2.398	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	28894	2.310	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	20132	2.723	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	19229	2.576	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	17574	2.639	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.622	75	2287	6.075	ug/L #	2
69) 1,3,5-Trichlorobenzene	14.622	180	14569	2.670	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	11068	2.526	ug/L	96
71) Naphthalene	15.360	128	15667	2.186	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	9292	2.536	ug/L	95

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

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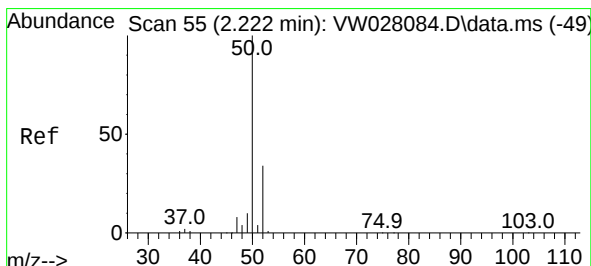
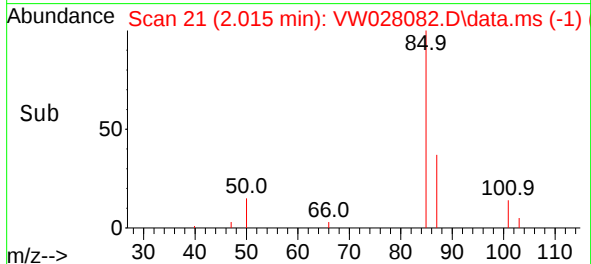
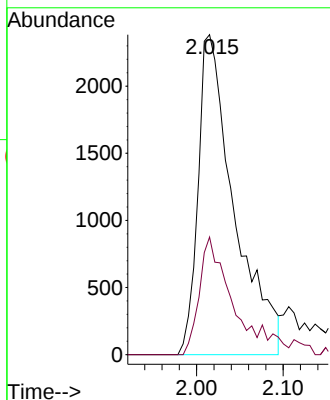
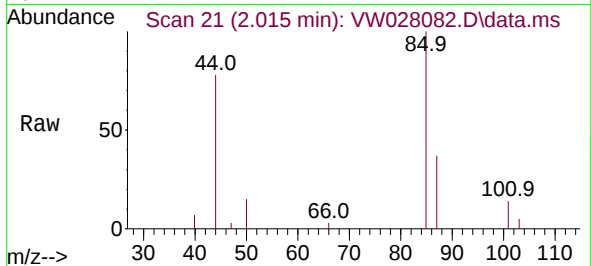




#2
 Dichlorodifluoromethane
 Concen: 2.596 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028082.D
 Acq: 29 Feb 2024 10:27

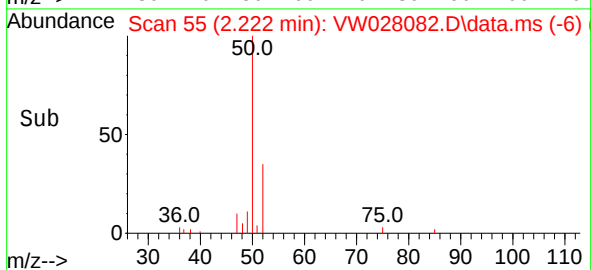
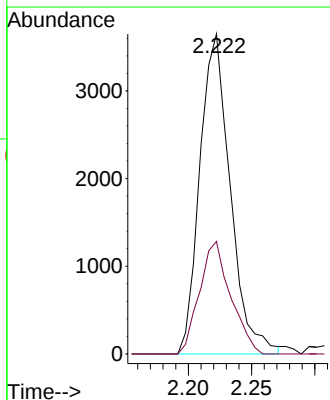
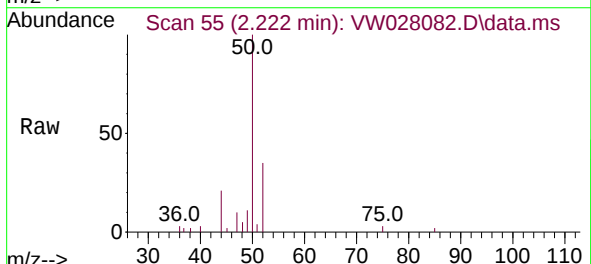
Instrument :
 MSVOA_W
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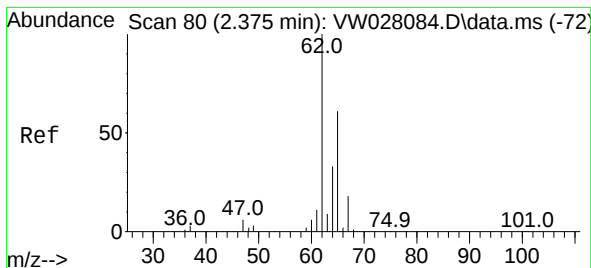
Tgt Ion: 85 Resp: 6910
 Ion Ratio Lower Upper
 85 100
 87 30.6 26.6 39.8



#3
 Chloromethane
 Concen: 2.403 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028082.D
 Acq: 29 Feb 2024 10:27

Tgt Ion: 50 Resp: 6108
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.7 43.9





#5

Vinyl chloride

Concen: 2.578 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

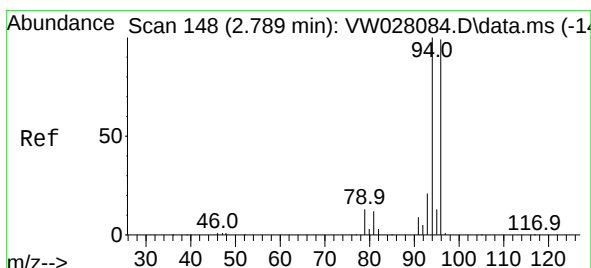
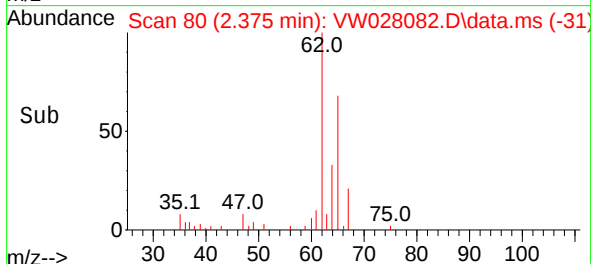
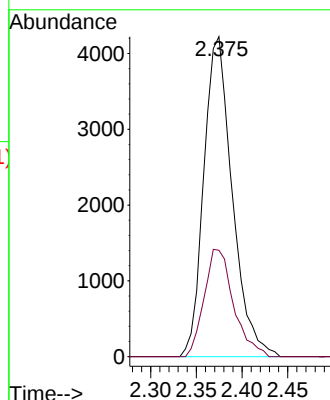
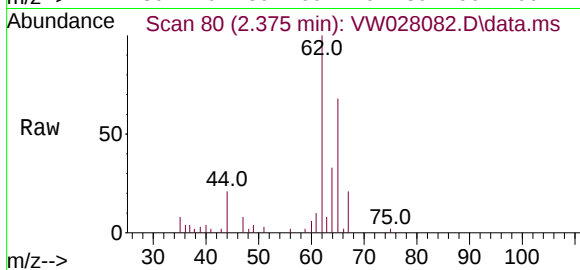
ClientSampleId :

Tgt Ion: 62 Resp: 9132

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.0



#6

Bromomethane

Concen: 2.660 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW028082.D

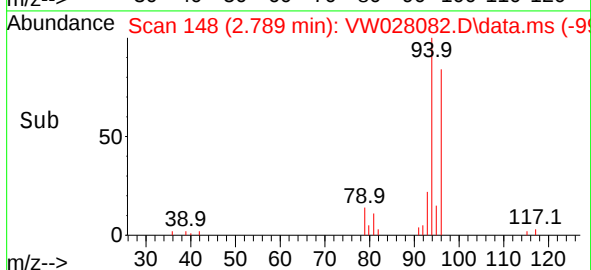
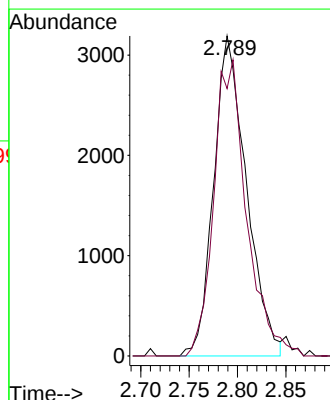
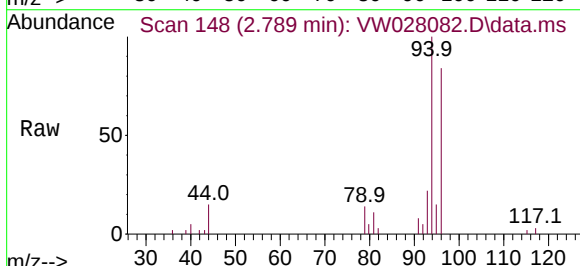
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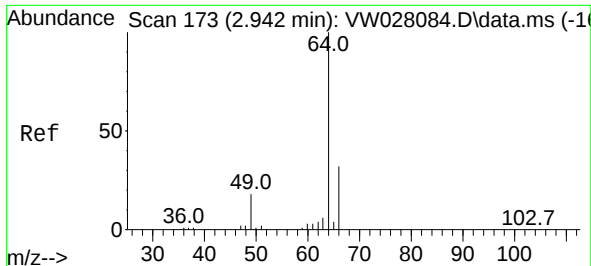
Tgt Ion: 94 Resp: 7519

Ion Ratio Lower Upper

94 100

96 83.5 69.1 128.3

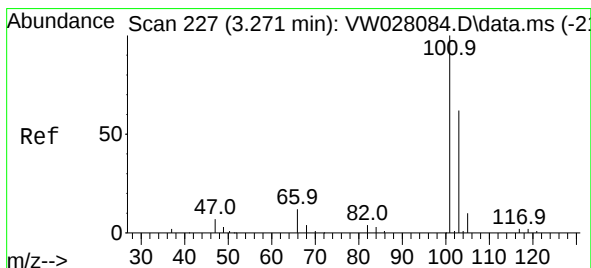
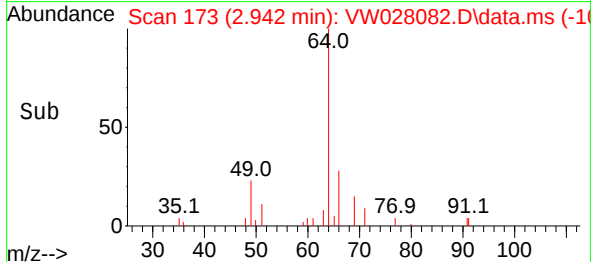
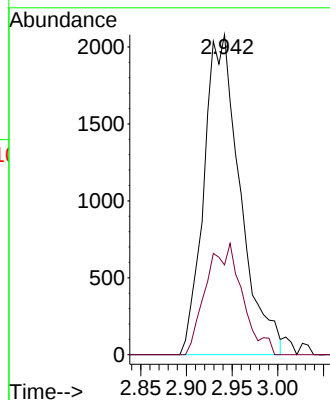
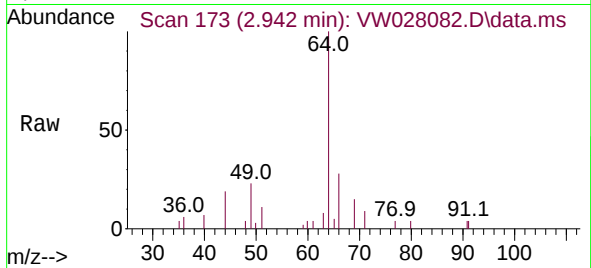




#8
Chloroethane
Concen: 2.575 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

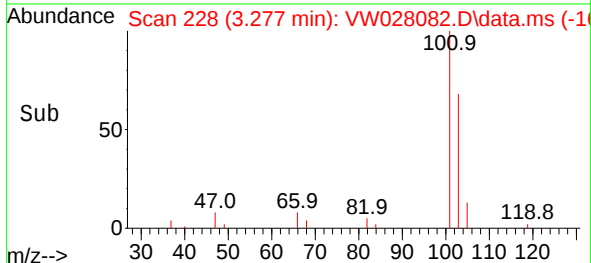
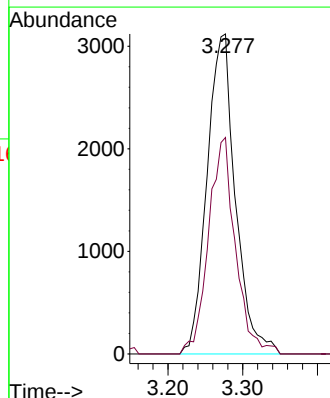
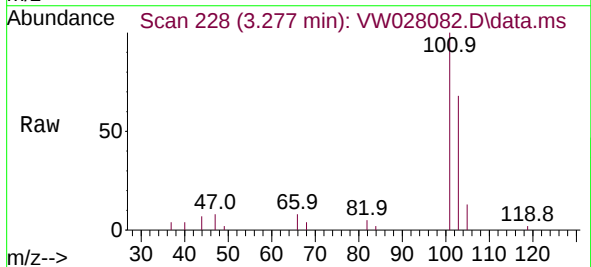
Instrument :
MSVOA_W
ClientSampleId :

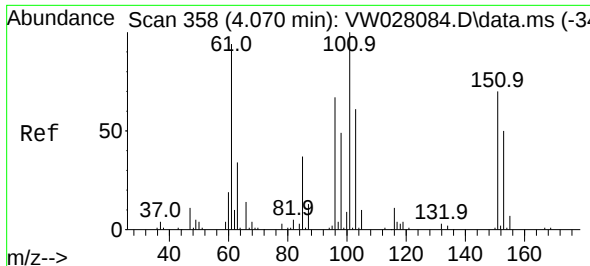
Tgt Ion: 64 Resp: 5729
Ion Ratio Lower Upper
64 100
66 28.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 2.491 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Tgt Ion:101 Resp: 8232
Ion Ratio Lower Upper
101 100
103 61.8 52.6 78.8





#10

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

Concen: 2.674 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :

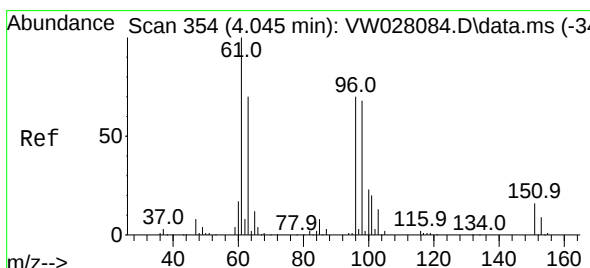
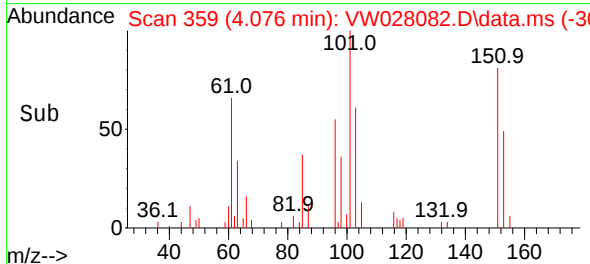
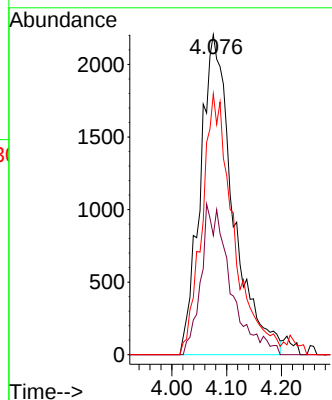
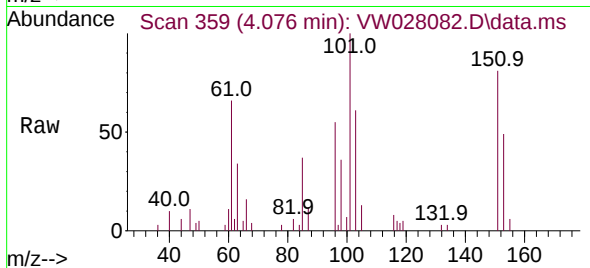
Tgt Ion:101 Resp: 9185

Ion Ratio Lower Upper

101 100

85 18.4 33.1 49.7#

151 77.2 53.7 80.5



#12

1,1-Dichloroethene

Concen: 2.585 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

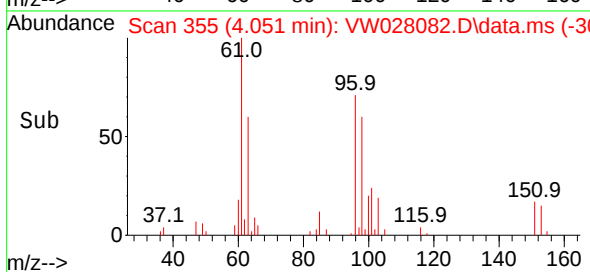
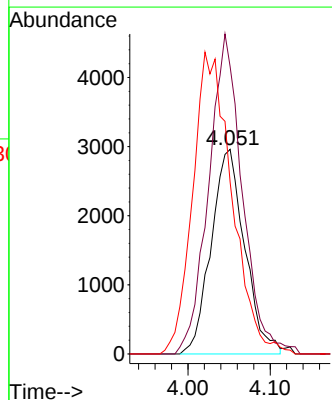
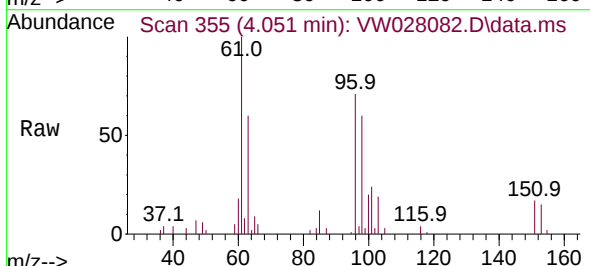
Tgt Ion: 96 Resp: 8410

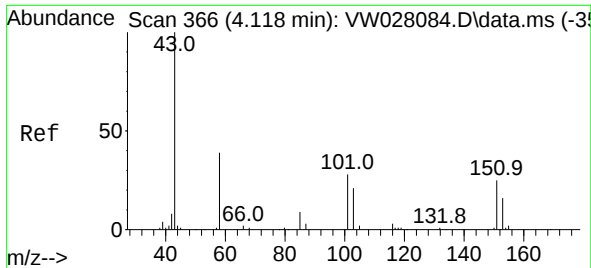
Ion Ratio Lower Upper

96 100

61 140.5 100.5 186.7

63 84.0 72.9 135.5





#13

Acetone

Concen: 3.954 ug/L

RT: 4.130 min Scan# 368

Delta R.T. 0.012 min

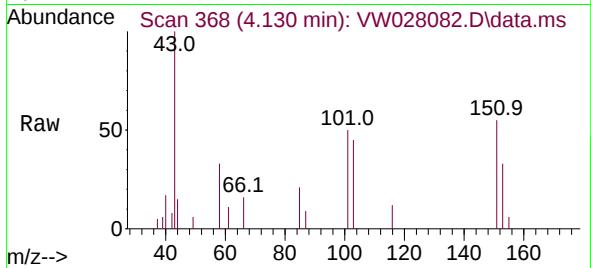
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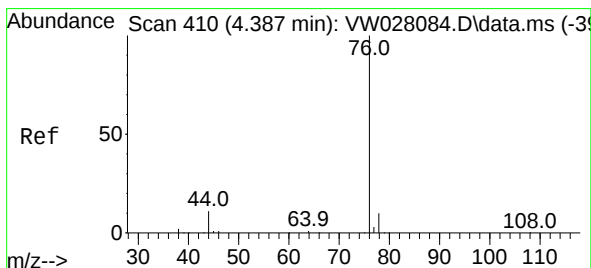
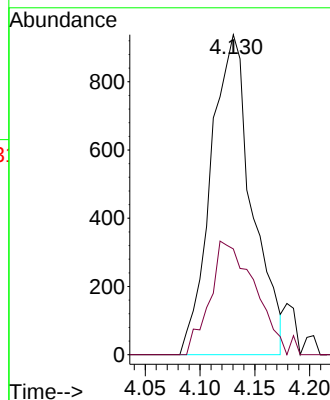
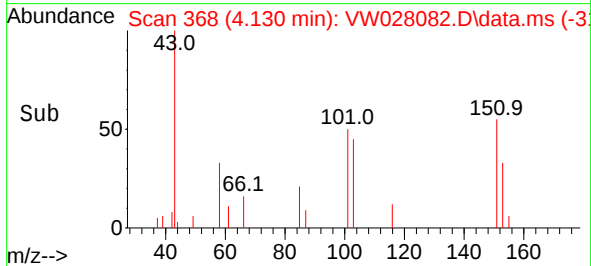


Tgt Ion: 43 Resp: 2446

Ion Ratio Lower Upper

43 100

58 38.5 0.0 70.0



#14

Carbon disulfide

Concen: 2.564 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW028082.D

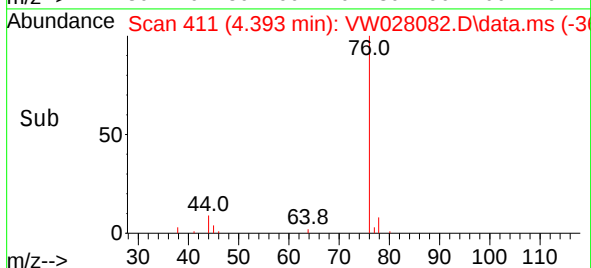
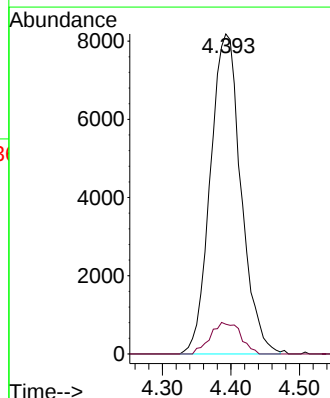
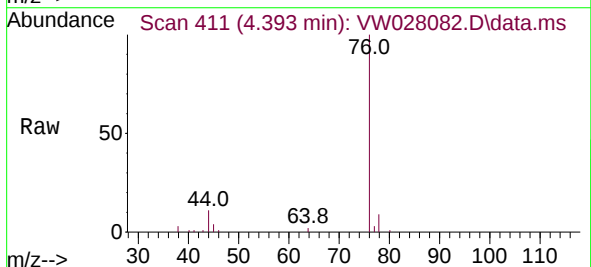
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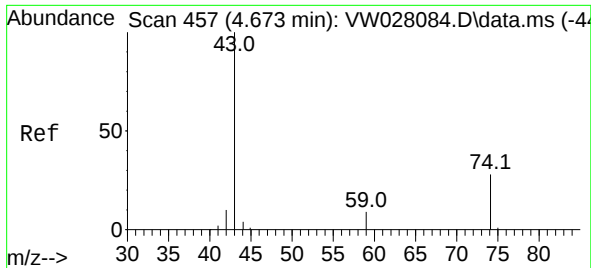
Tgt Ion: 76 Resp: 25408

Ion Ratio Lower Upper

76 100

78 9.3 7.9 11.9

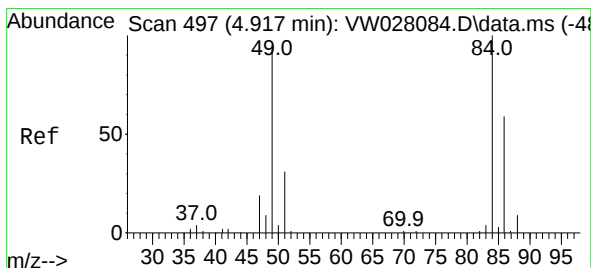
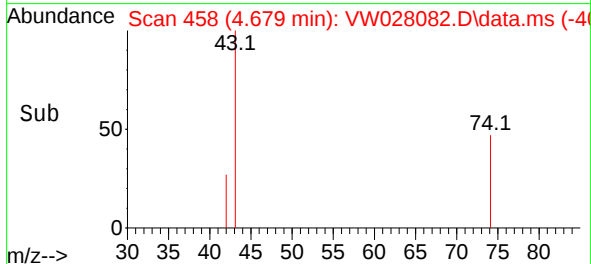
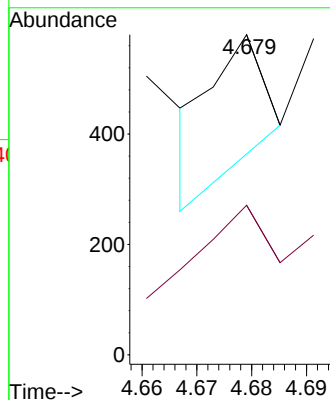
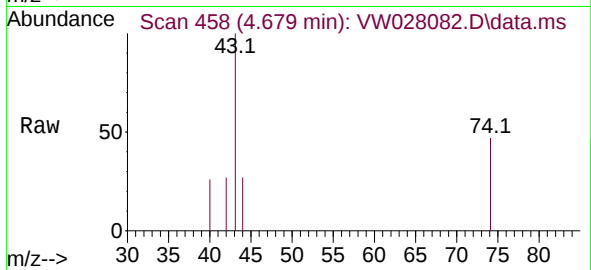




#15
Methyl Acetate
Concen: 0.194 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

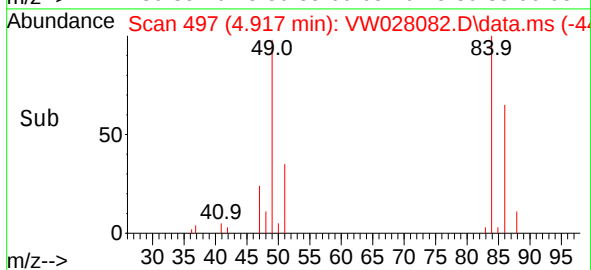
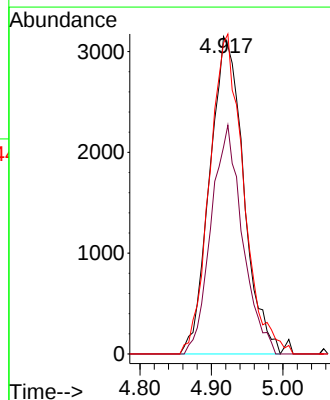
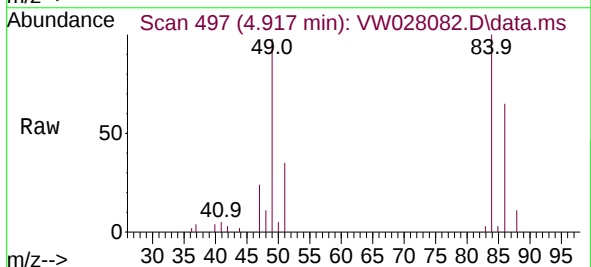
Instrument :
MSVOA_W
ClientSampleId :

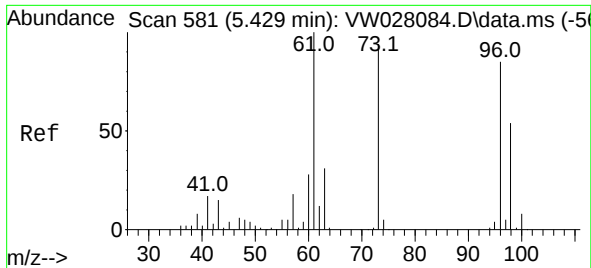
Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
74 214.6 24.3 36.5#



#16
Methylene chloride
Concen: 2.877 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Tgt Ion: 84 Resp: 10358
Ion Ratio Lower Upper
84 100
86 65.2 41.2 76.6
49 97.9 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 2.552 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :

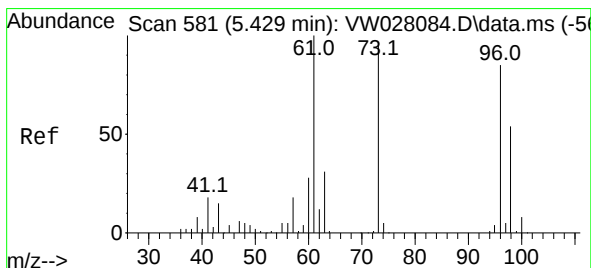
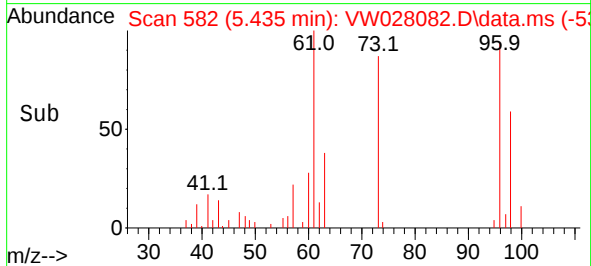
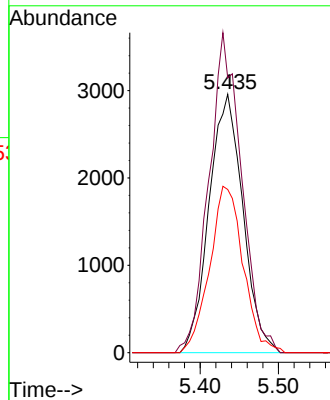
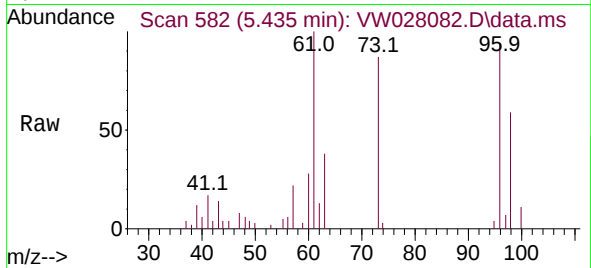
Tgt Ion: 96 Resp: 8872

Ion Ratio Lower Upper

96 100

61 106.3 82.6 153.4

98 63.2 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 2.410 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

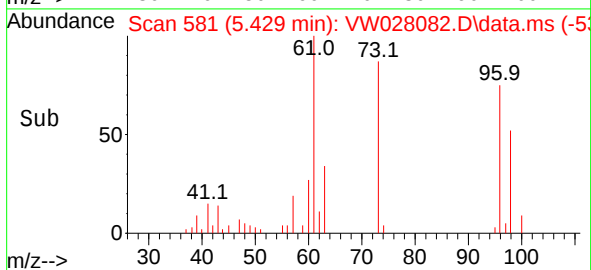
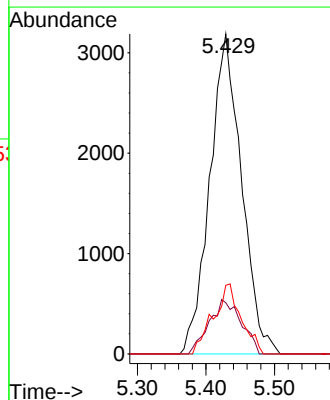
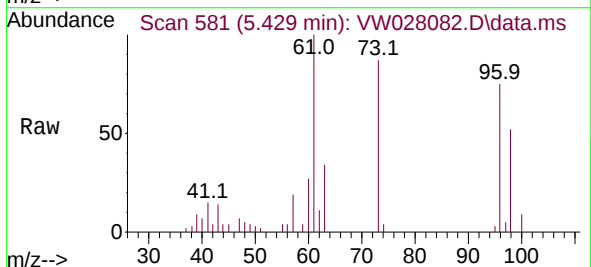
Tgt Ion: 73 Resp: 10261

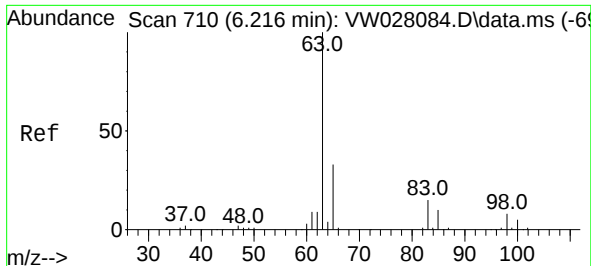
Ion Ratio Lower Upper

73 100

43 17.2 13.3 19.9

57 14.7 15.9 23.9#





#19

1,1-Dichloroethane

Concen: 2.607 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :

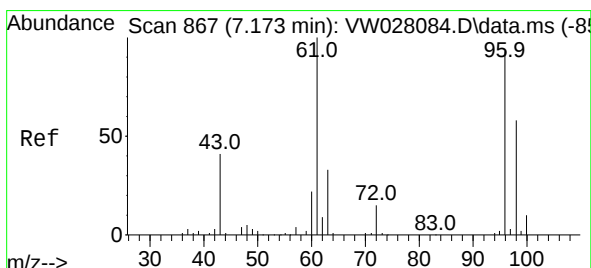
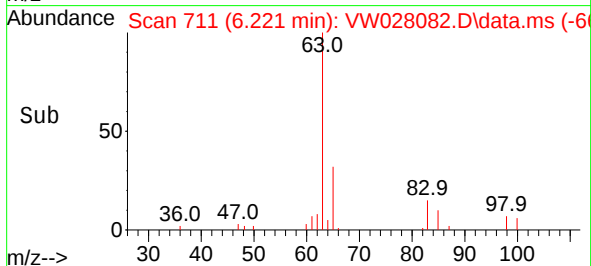
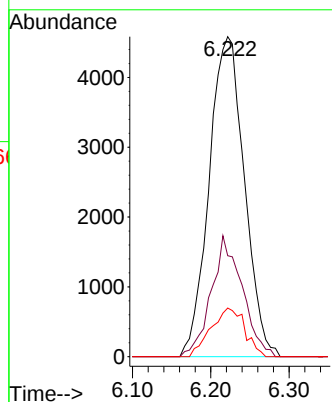
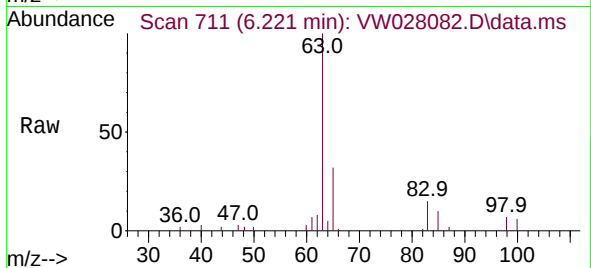
Tgt Ion: 63 Resp: 14327

Ion Ratio Lower Upper

63 100

65 31.5 23.2 43.0

83 15.2 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 2.434 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

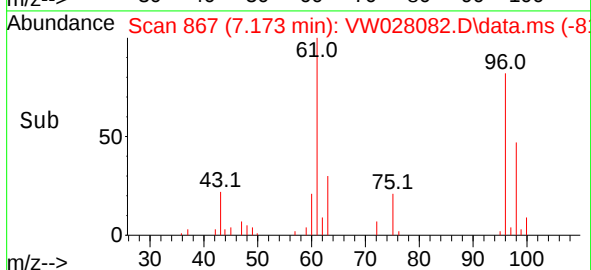
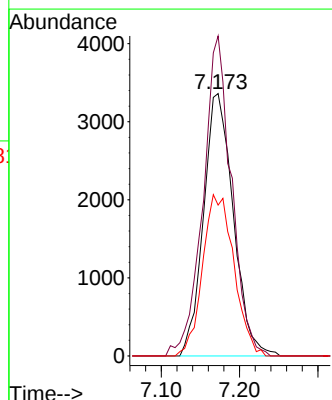
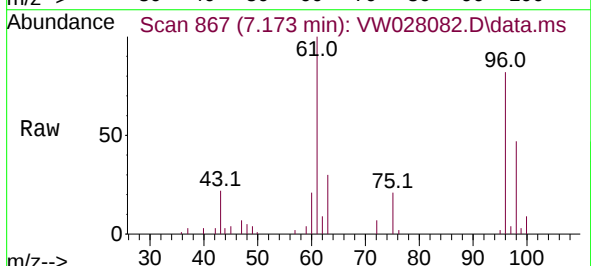
Tgt Ion: 96 Resp: 8903

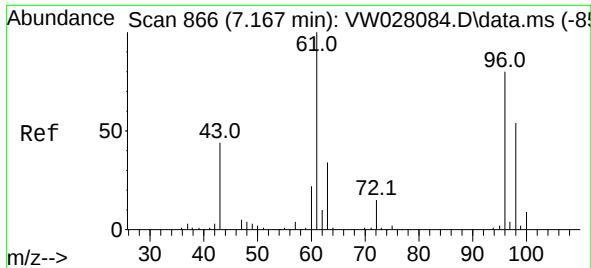
Ion Ratio Lower Upper

96 100

61 121.9 75.5 140.1

98 57.5 43.8 81.4





#22

2-Butanone

Concen: 3.868 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

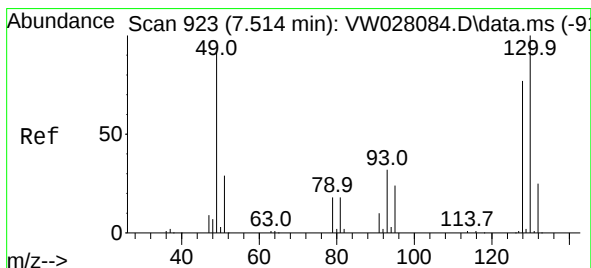
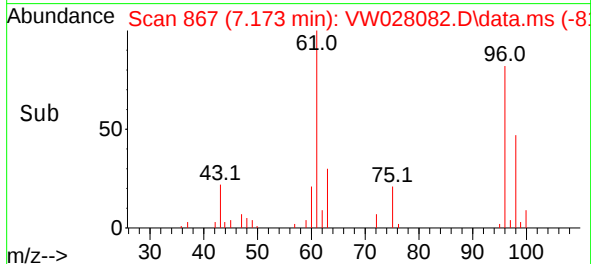
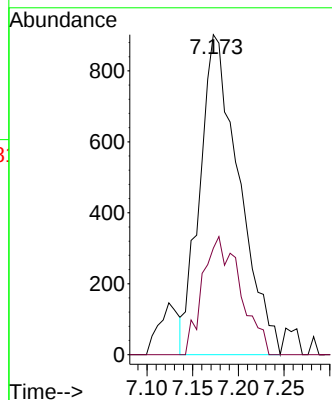
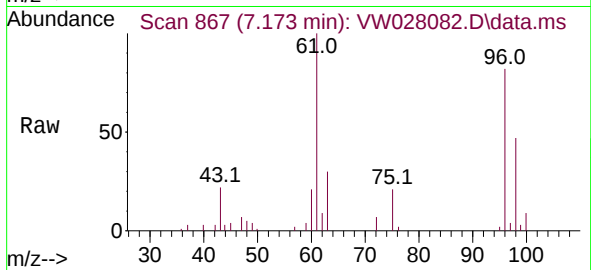
ClientSampleId :

Tgt Ion: 43 Resp: 2691

Ion Ratio Lower Upper

43 100

72 20.9 18.4 55.0



#23

Bromochloromethane

Concen: 2.569 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Tgt Ion: 128 Resp: 4412

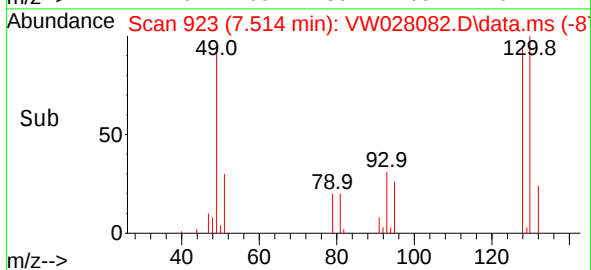
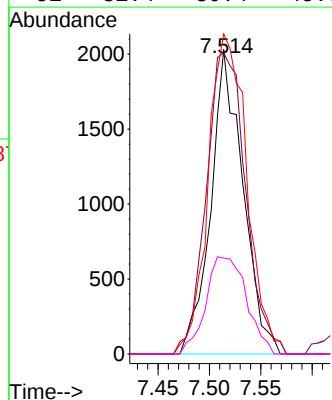
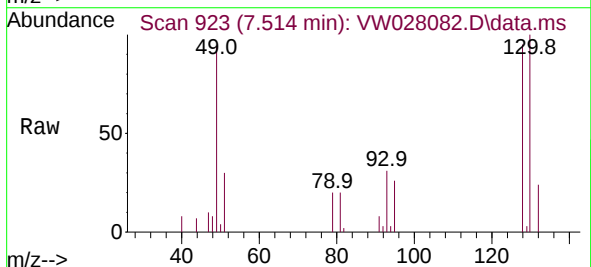
Ion Ratio Lower Upper

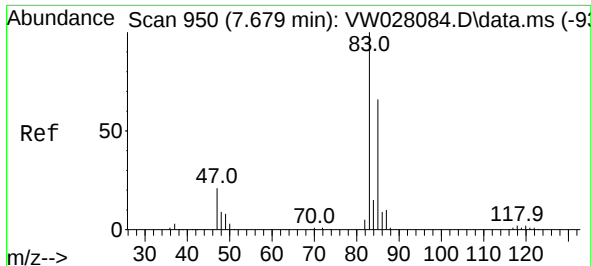
128 100

49 98.9 84.4 156.8

130 105.1 91.1 169.3

51 31.4 30.4 45.6





#25

Chloroform

Concen: 2.677 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

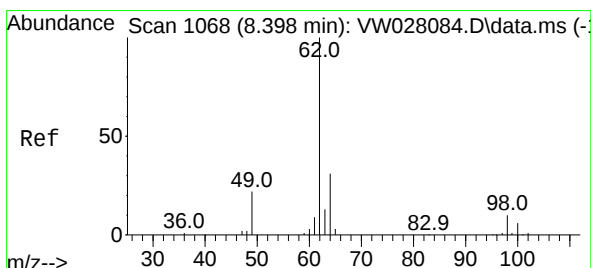
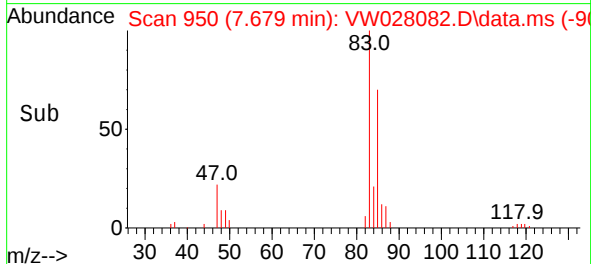
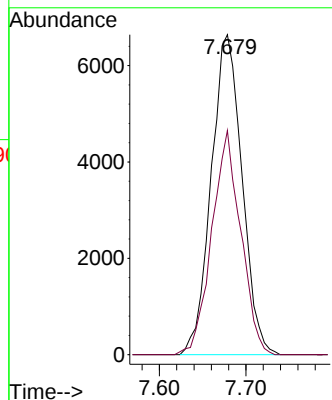
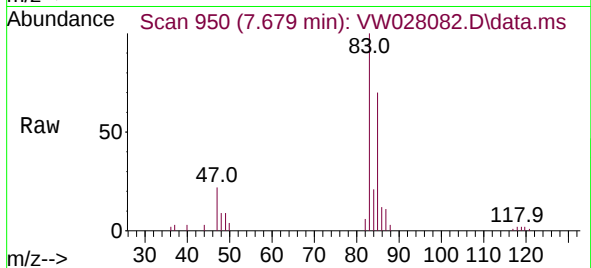
ClientSampleId :

Tgt Ion: 83 Resp: 16435

Ion Ratio Lower Upper

83 100

85 70.0 46.5 86.5



#27

1,2-Dichloroethane

Concen: 2.591 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW028082.D

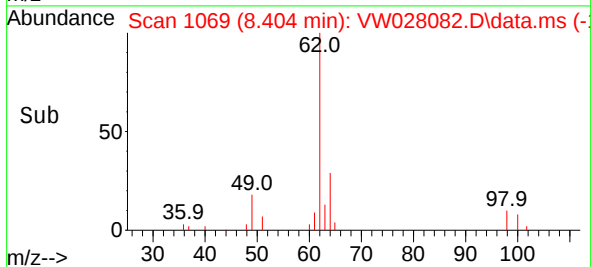
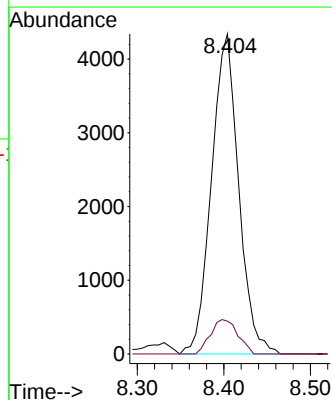
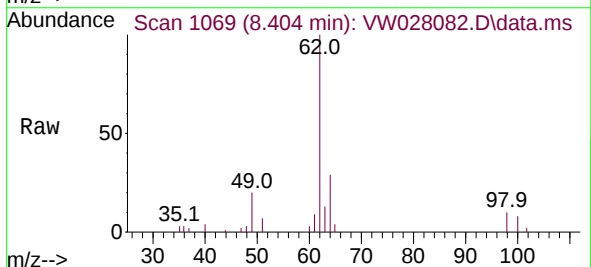
Acq: 29 Feb 2024 10:27

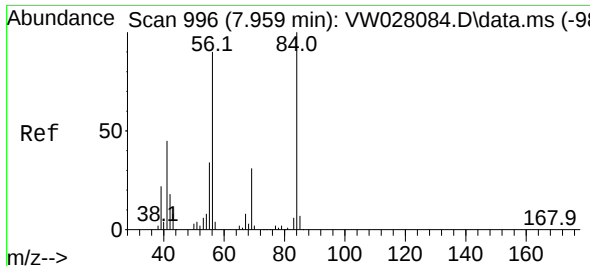
Tgt Ion: 62 Resp: 9459

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 2.401 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

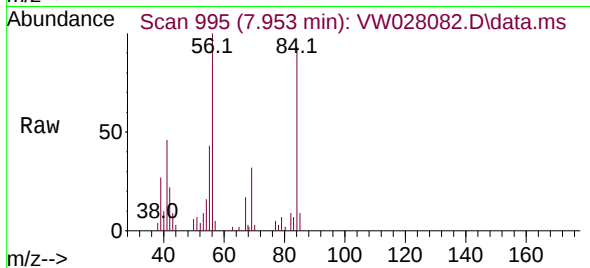
Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :



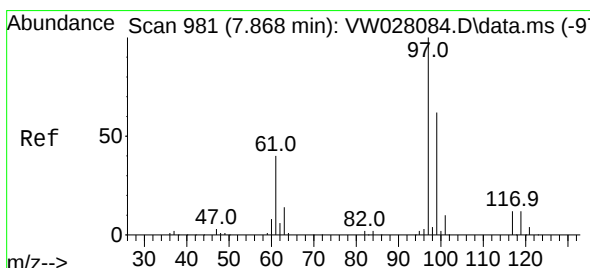
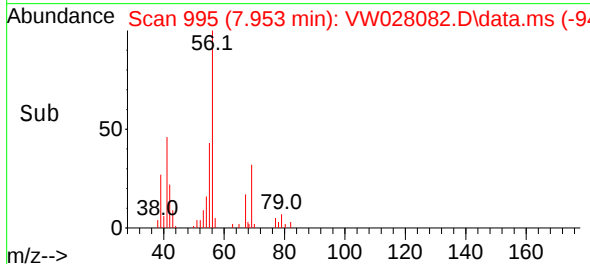
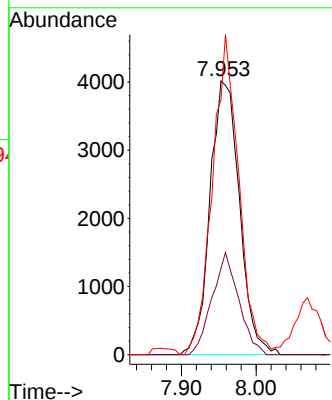
Tgt Ion: 56 Resp: 11020

Ion Ratio Lower Upper

56 100

69 33.8 27.6 41.4

84 104.4 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 2.592 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.012 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

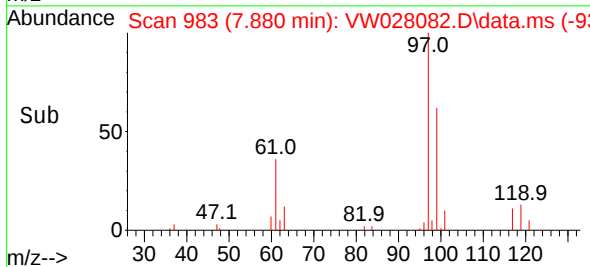
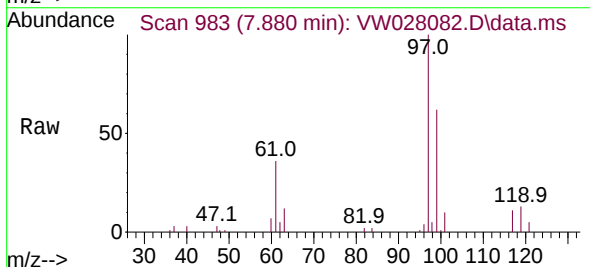
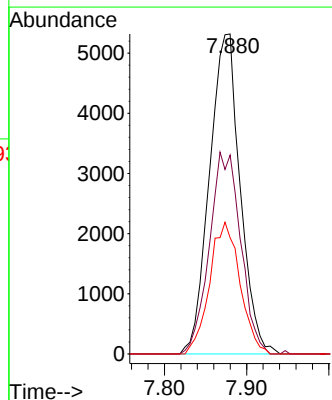
Tgt Ion: 97 Resp: 13815

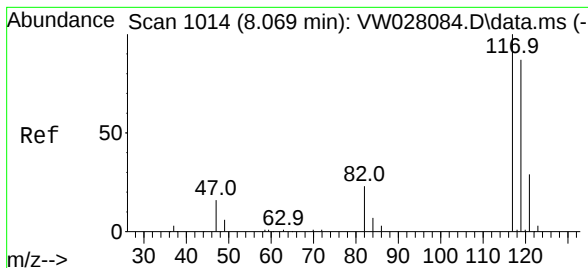
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 40.7 31.8 47.6





#31

Carbon tetrachloride

Concen: 2.607 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

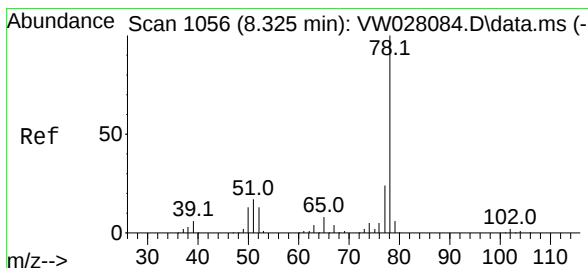
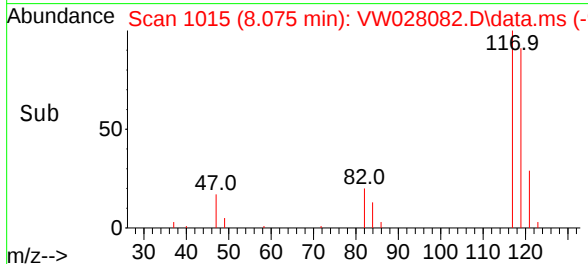
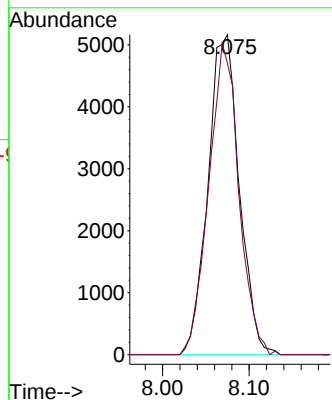
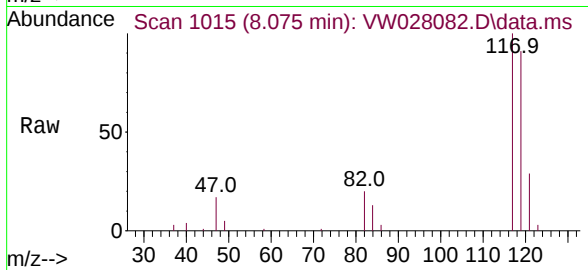
ClientSampleId :

Tgt Ion:117 Resp: 12978

Ion Ratio Lower Upper

117 100

119 93.5 76.8 115.2



#33

Benzene

Concen: 2.516 ug/L

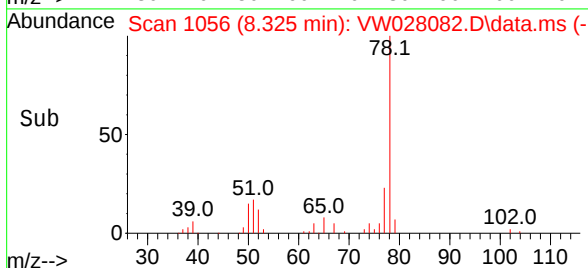
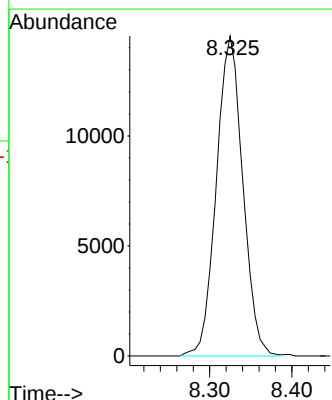
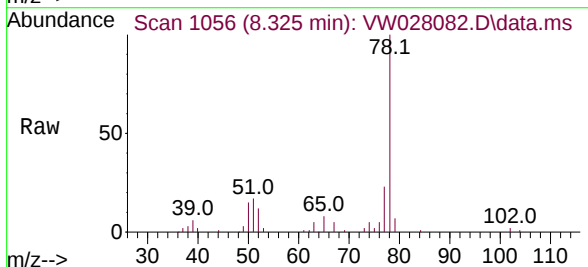
RT: 8.325 min Scan# 1056

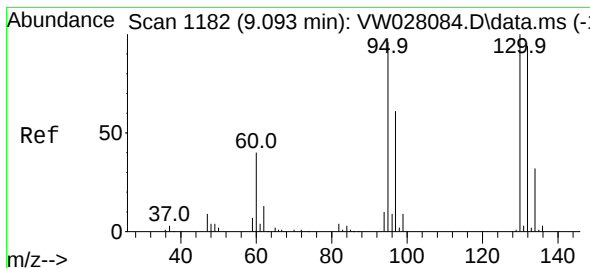
Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Tgt Ion: 78 Resp: 32442





#34

Trichloroethene

Concen: 2.653 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

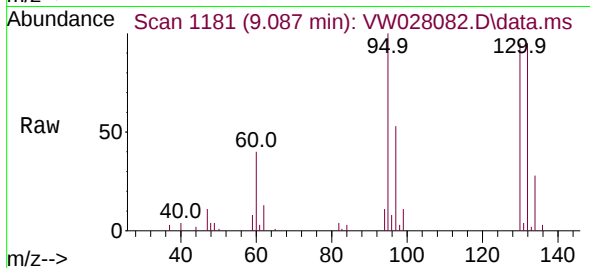
Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 10025

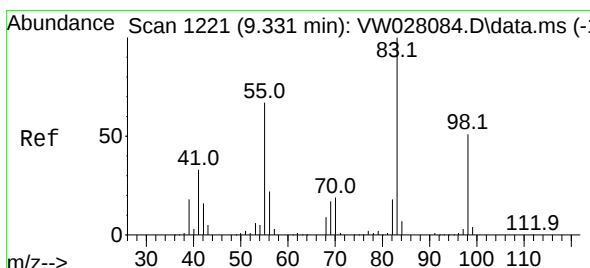
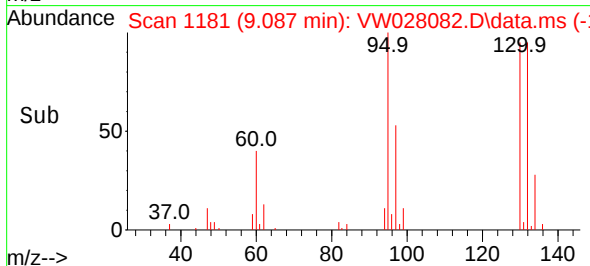
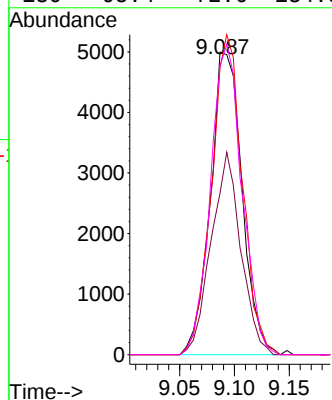
Ion Ratio Lower Upper

95 100

97 53.4 44.5 82.7

132 95.0 68.3 126.9

130 95.4 72.6 134.8



#35

Methylcyclohexane

Concen: 2.512 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

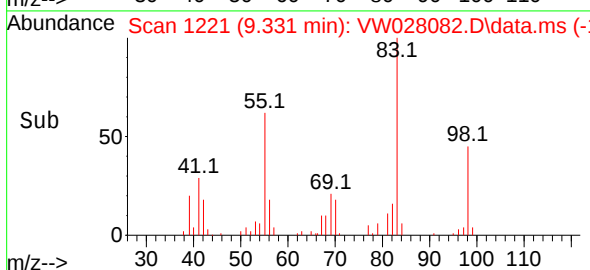
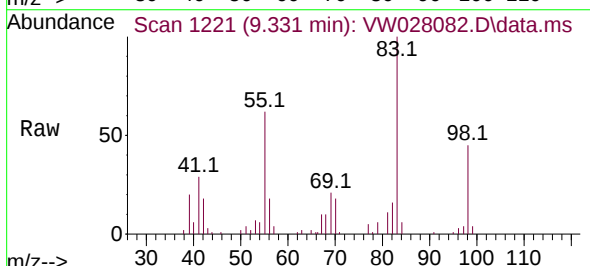
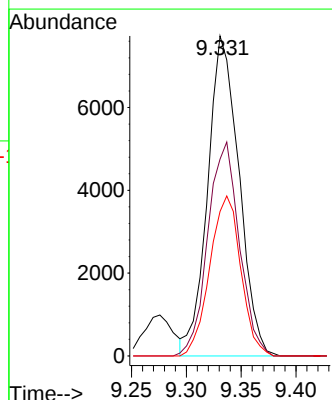
Tgt Ion: 83 Resp: 15363

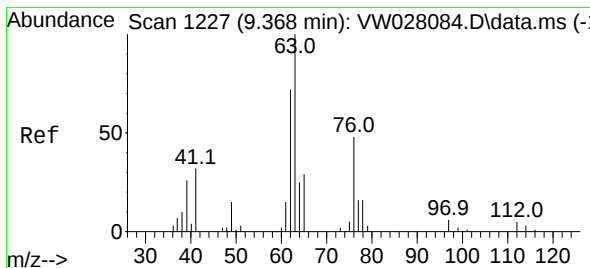
Ion Ratio Lower Upper

83 100

55 67.1 52.1 78.1

98 49.5 42.2 63.4





#37

1,2-Dichloropropane

Concen: 2.508 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

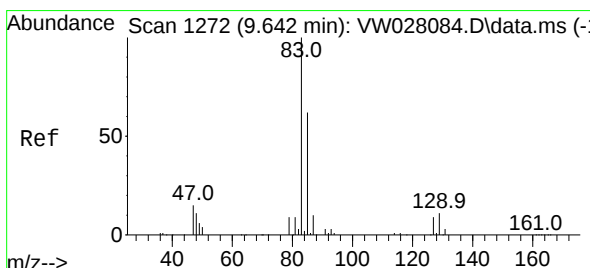
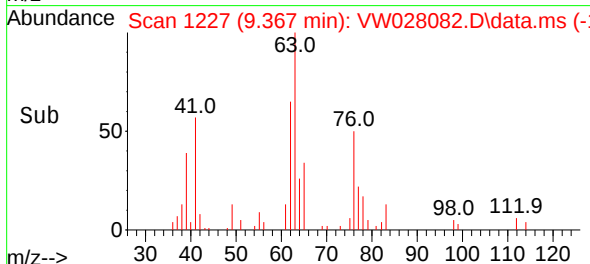
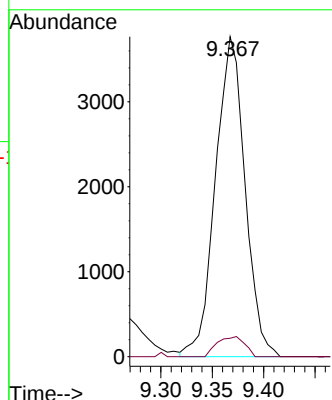
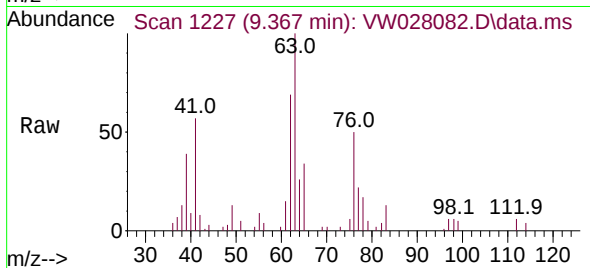
ClientSampleId :

Tgt Ion: 63 Resp: 7532

Ion Ratio Lower Upper

63 100

112 5.9 4.4 6.6



#38

Bromodichloromethane

Concen: 2.544 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

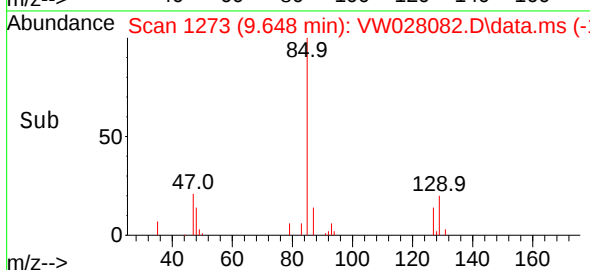
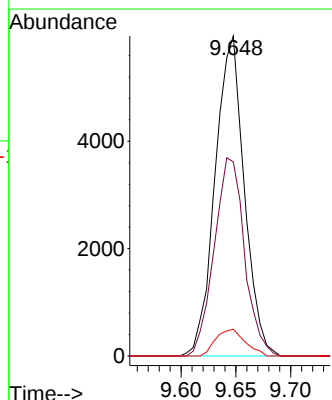
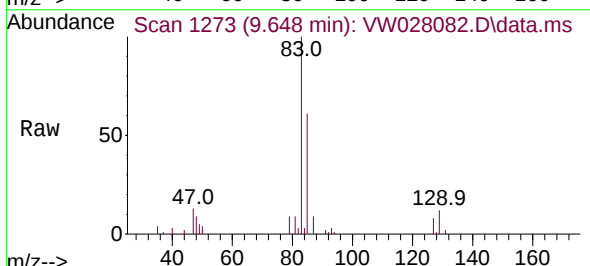
Tgt Ion: 83 Resp: 11035

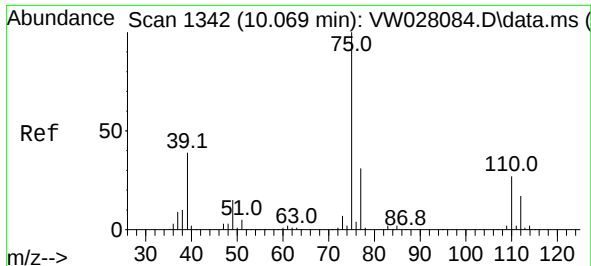
Ion Ratio Lower Upper

83 100

85 60.7 43.3 80.5

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 2.373 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

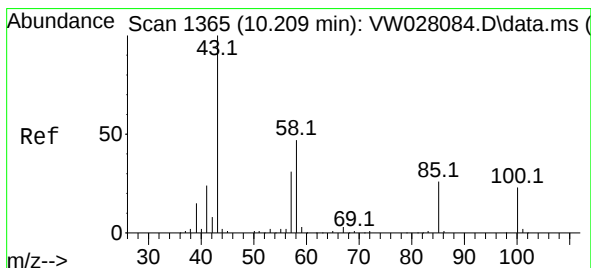
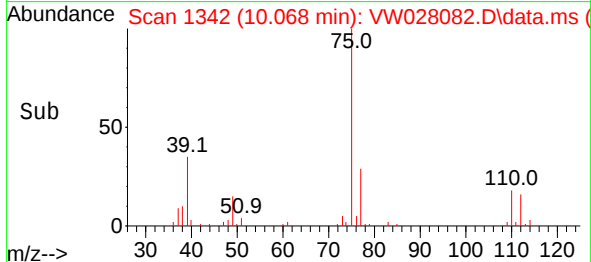
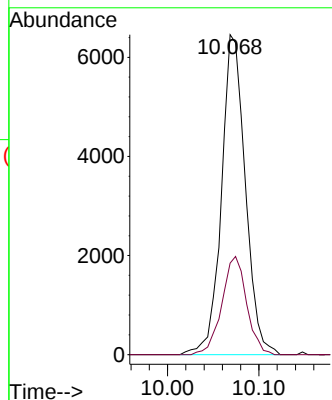
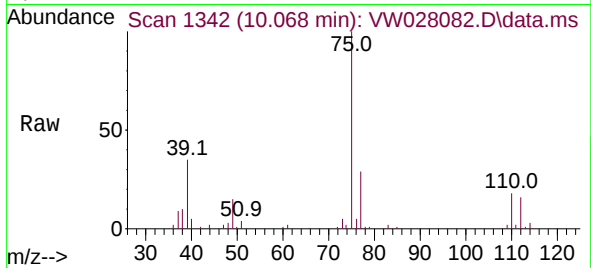
ClientSampleId :

Tgt Ion: 75 Resp: 11722

Ion Ratio Lower Upper

75 100

77 28.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 4.330 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

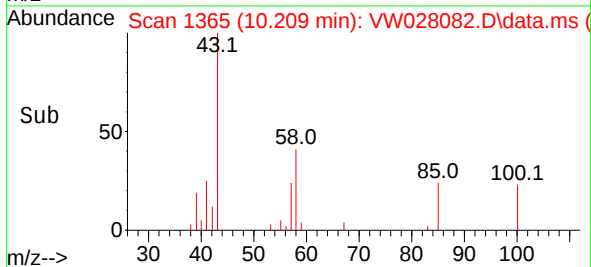
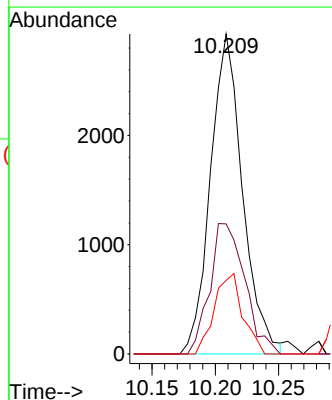
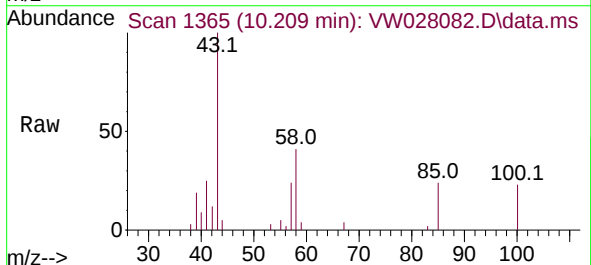
Tgt Ion: 43 Resp: 5165

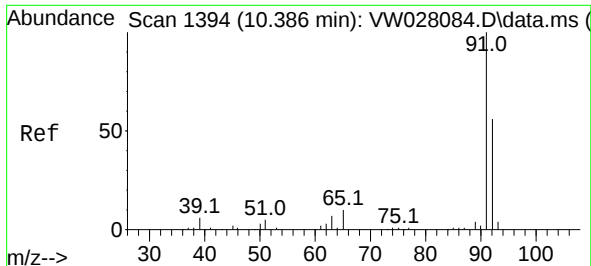
Ion Ratio Lower Upper

43 100

58 44.5 37.8 56.8

100 22.2 18.2 27.4

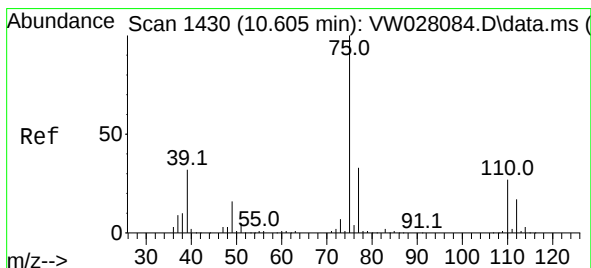
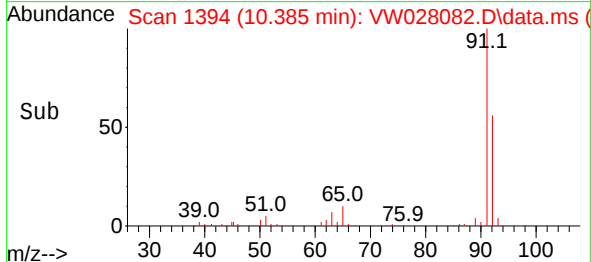
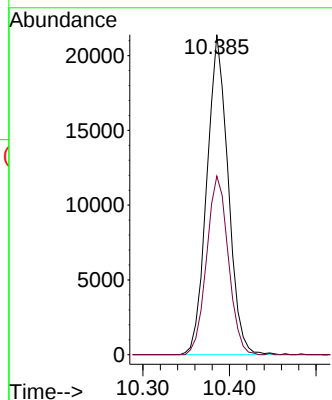
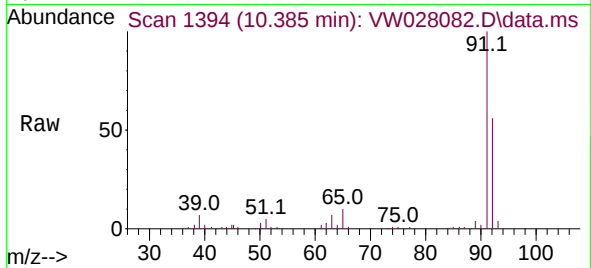




#42
Toluene
Concen: 2.503 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

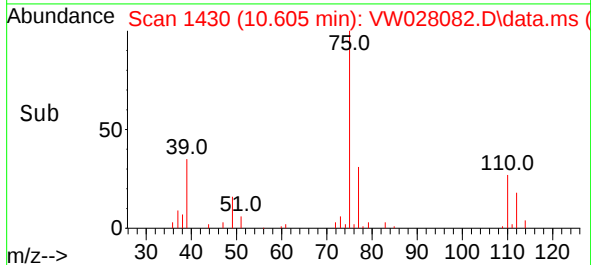
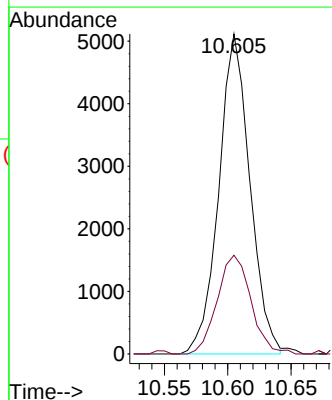
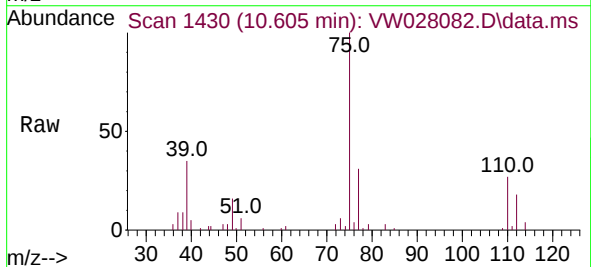
Instrument :
MSVOA_W
ClientSampleId :

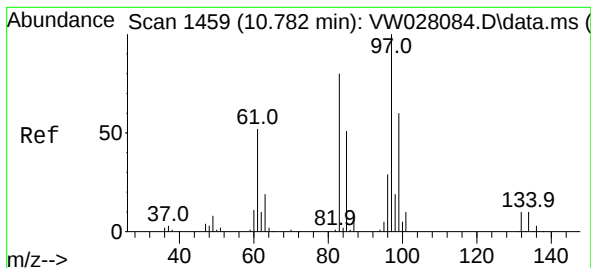
Tgt Ion: 91 Resp: 36479
Ion Ratio Lower Upper
91 100
92 55.8 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 2.178 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Tgt Ion: 75 Resp: 8737
Ion Ratio Lower Upper
75 100
77 30.9 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 2.514 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 6331

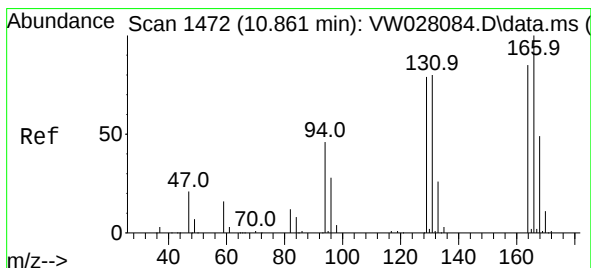
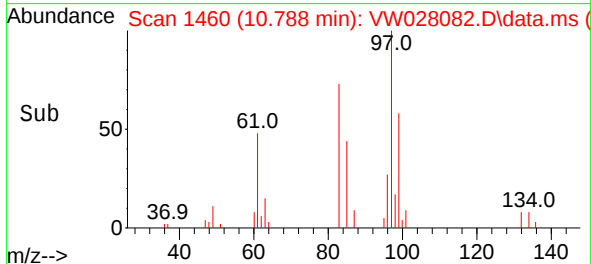
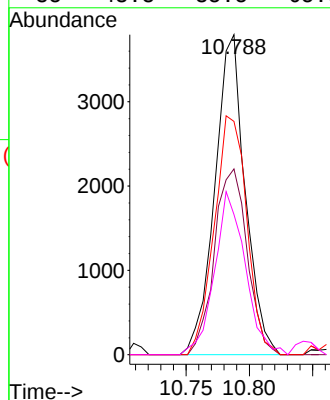
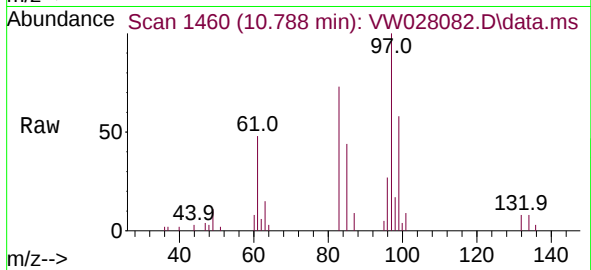
Ion Ratio Lower Upper

97 100

99 58.0 41.9 77.7

83 72.9 56.1 104.1

85 43.8 35.5 65.9



#46

Tetrachloroethene

Concen: 2.614 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Tgt Ion:164 Resp: 8279

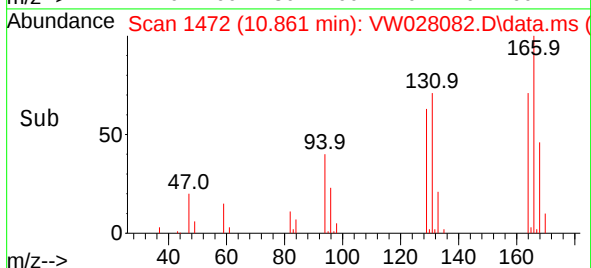
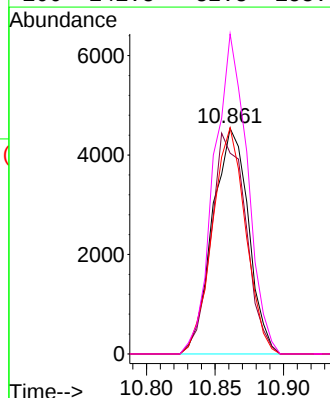
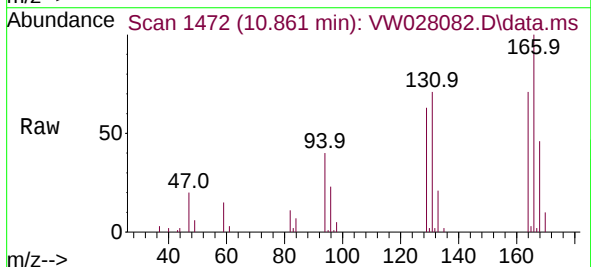
Ion Ratio Lower Upper

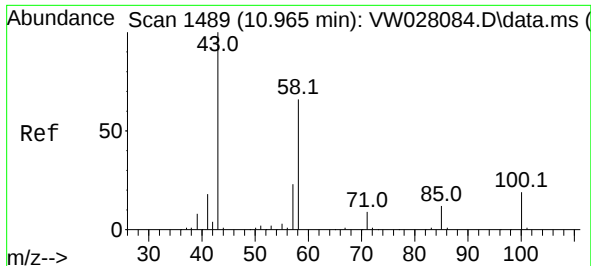
164 100

129 89.0 65.2 121.0

131 100.2 66.2 123.0

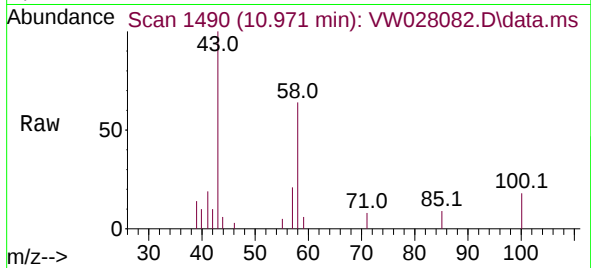
166 141.8 82.8 153.8



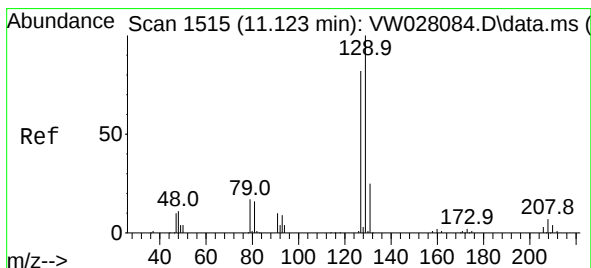
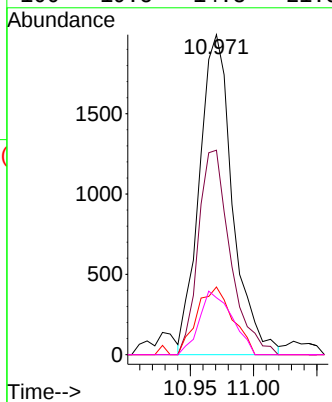
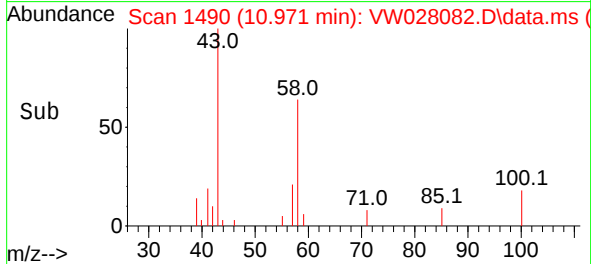


#48
2-Hexanone
Concen: 3.781 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Instrument :
MSVOA_W
ClientSampleId :

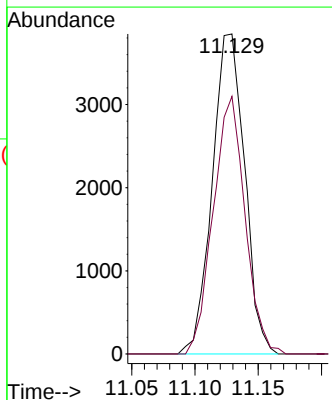
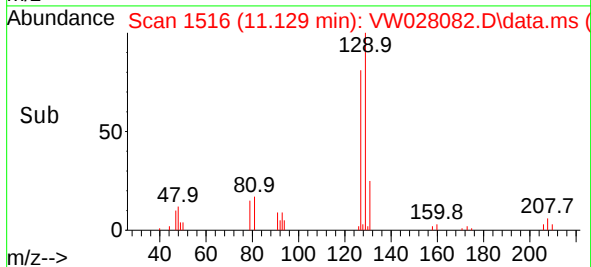
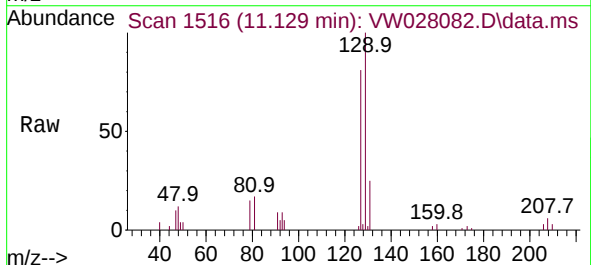


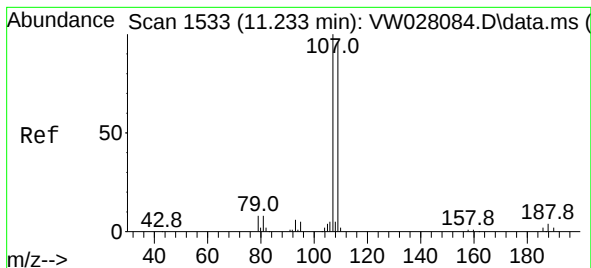
Tgt	Ion: 43	Resp:	3647
Ion	Ratio	Lower	Upper
43	100		
58	61.3	51.8	77.8
57	22.6	18.2	27.4
100	19.5	14.3	21.5



#49
Dibromochloromethane
Concen: 2.338 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Tgt Ion:129	Resp:	6847	
Ion	Ratio	Lower	Upper
129	100		
127	80.5	57.1	106.1





#50

1,2-Dibromoethane

Concen: 2.409 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028082.D

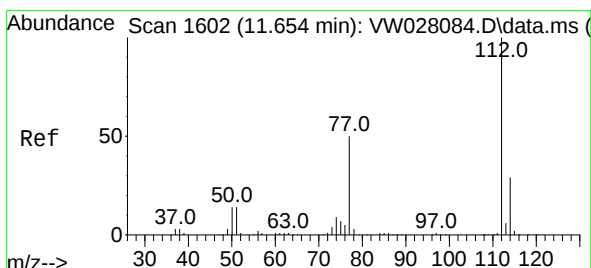
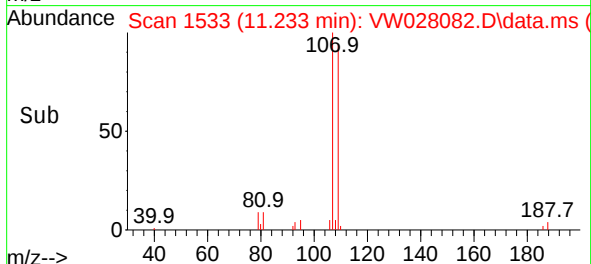
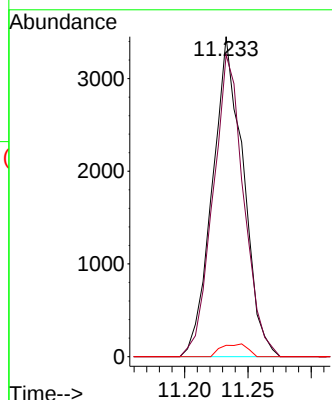
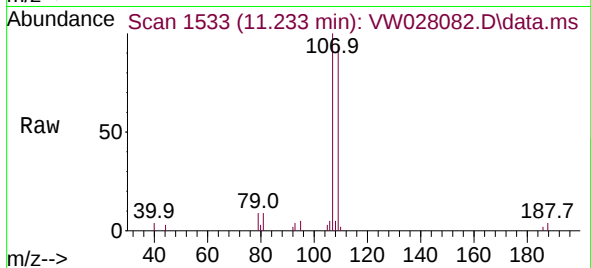
Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	5844
Ion	Ratio	Lower	Upper
107	100		
109	94.3	67.5	125.3
188	3.5	3.1	4.7



#51

Chlorobenzene

Concen: 2.604 ug/L

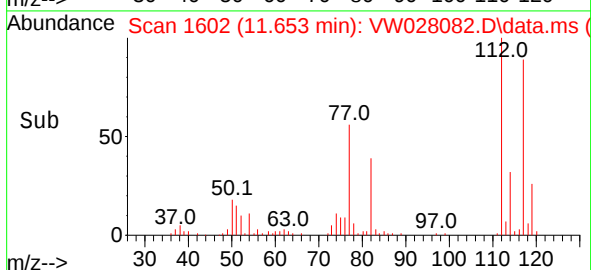
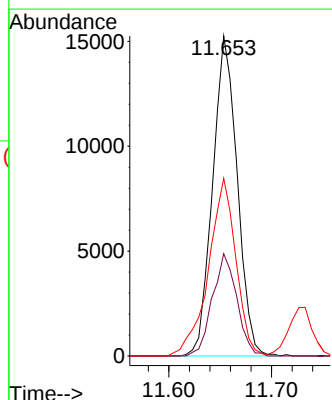
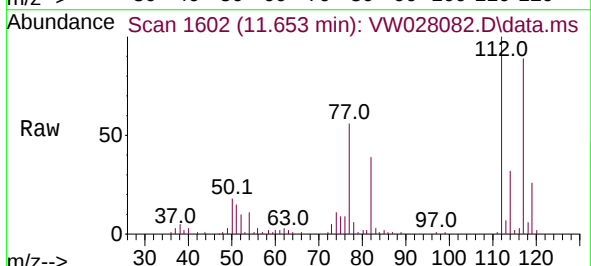
RT: 11.653 min Scan# 1602

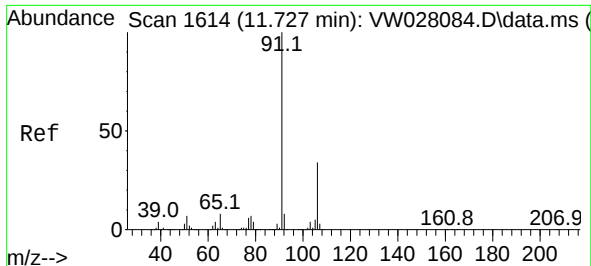
Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Tgt Ion:	112	Resp:	25322
Ion	Ratio	Lower	Upper
112	100		
114	31.9	20.6	38.4
77	55.5	40.0	60.0





#52

Ethylbenzene

Concen: 2.477 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

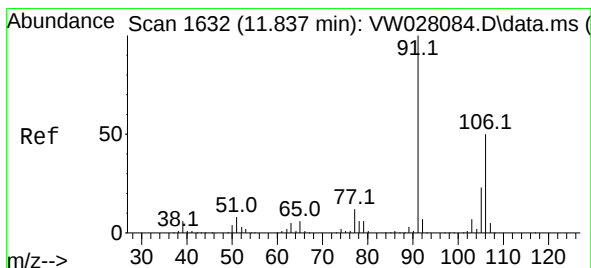
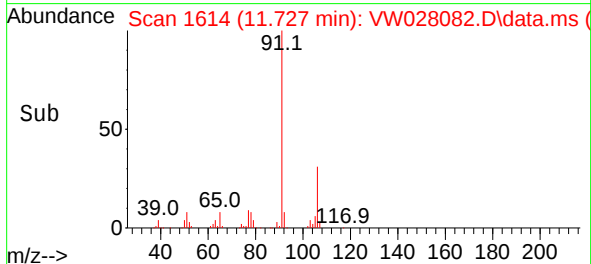
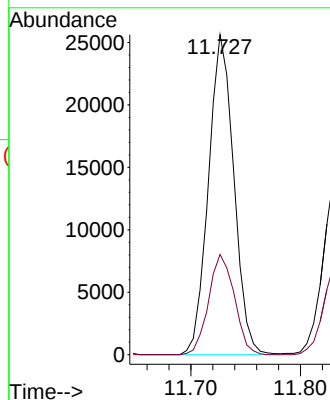
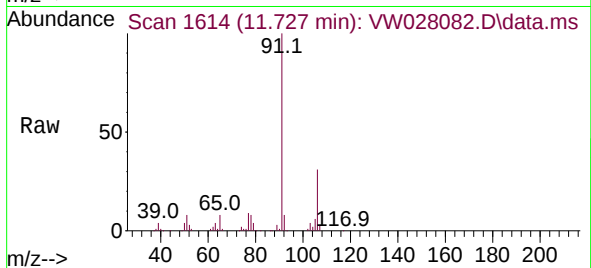
ClientSampleId :

Tgt Ion: 91 Resp: 41264

Ion Ratio Lower Upper

91 100

106 31.3 23.8 44.2



#53

m,p-Xylene

Concen: 2.425 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028082.D

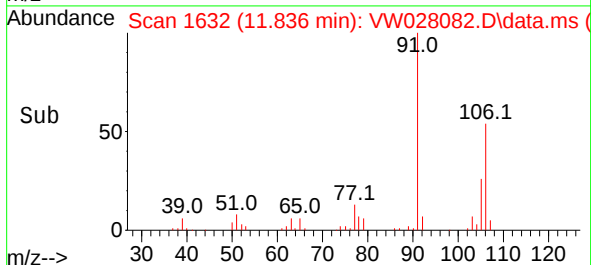
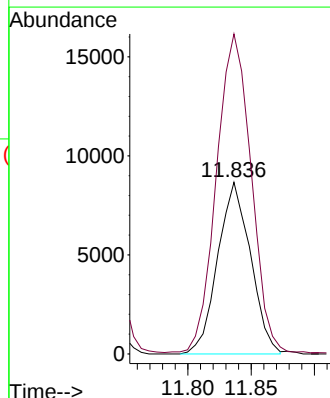
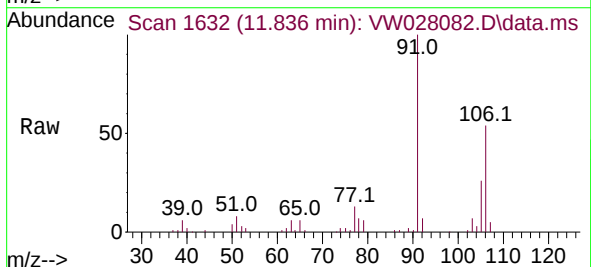
Acq: 29 Feb 2024 10:27

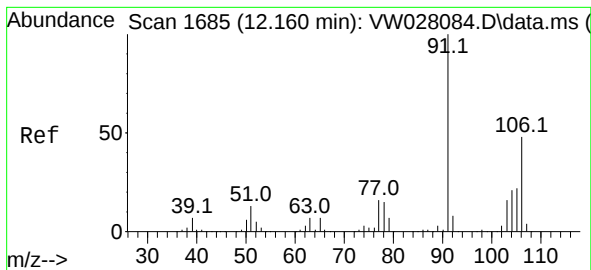
Tgt Ion:106 Resp: 15673

Ion Ratio Lower Upper

106 100

91 186.4 139.7 259.4





#54

o-Xylene

Concen: 2.406 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

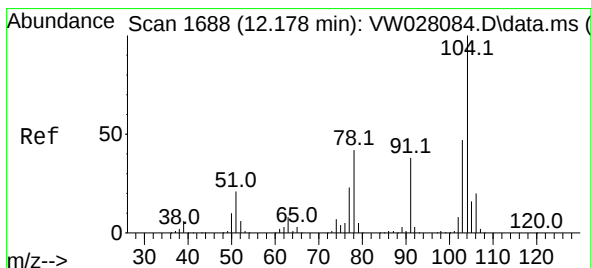
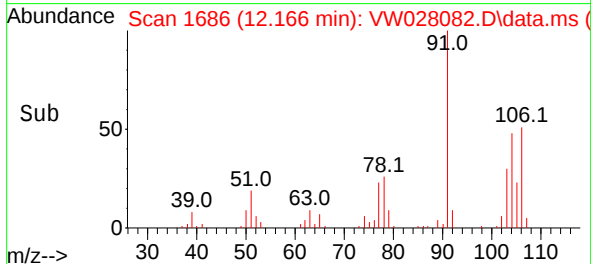
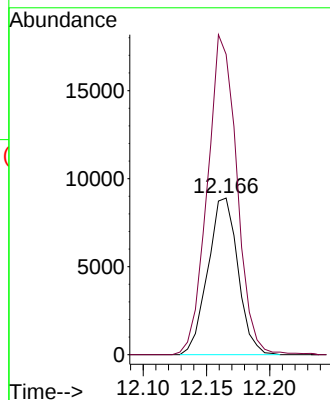
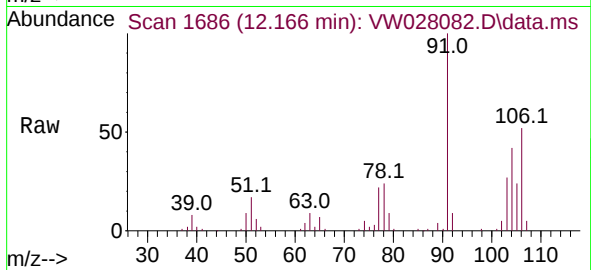
ClientSampleId :

Tgt Ion:106 Resp: 14717

Ion Ratio Lower Upper

106 100

91 191.8 145.2 269.6



#55

Styrene

Concen: 2.310 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028082.D

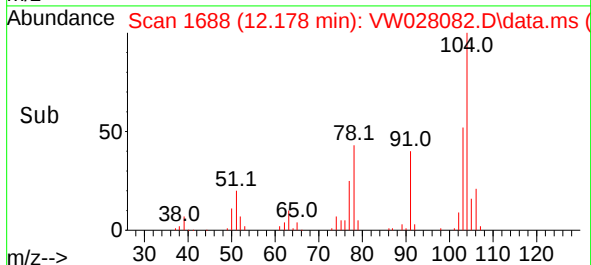
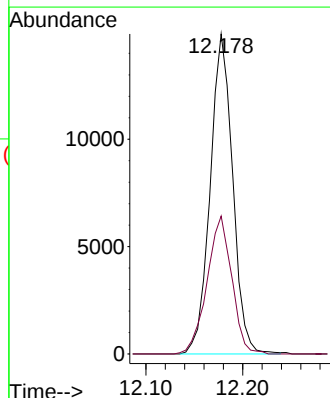
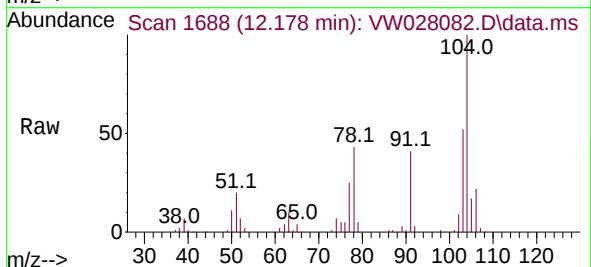
Acq: 29 Feb 2024 10:27

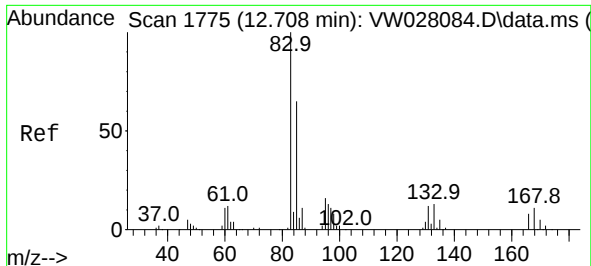
Tgt Ion:104 Resp: 24100

Ion Ratio Lower Upper

104 100

78 43.1 29.1 54.1

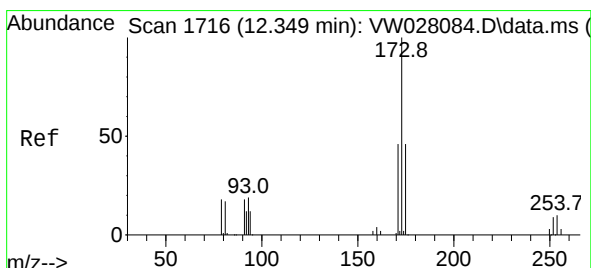
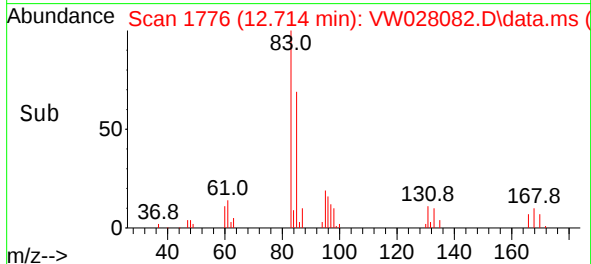
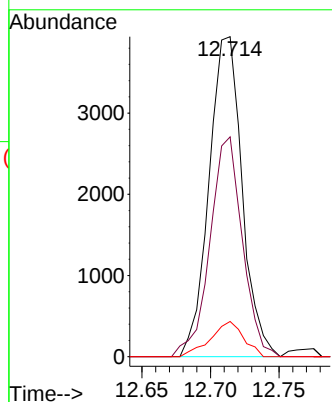
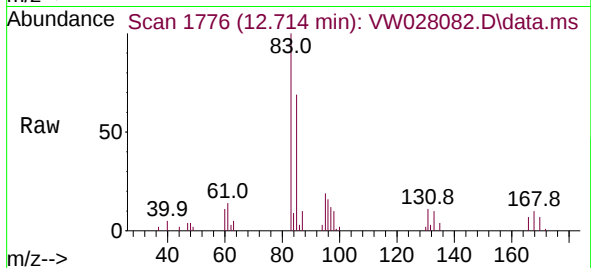




#57
1,1,2,2-Tetrachloroethane
Concen: 2.436 ug/L
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

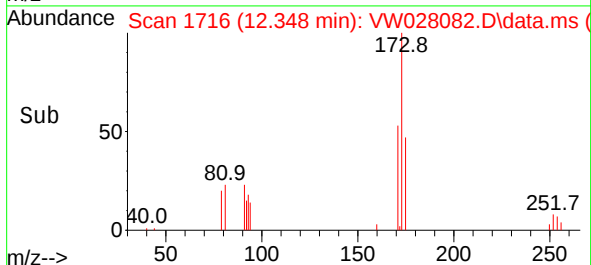
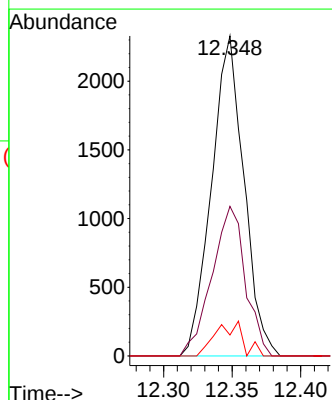
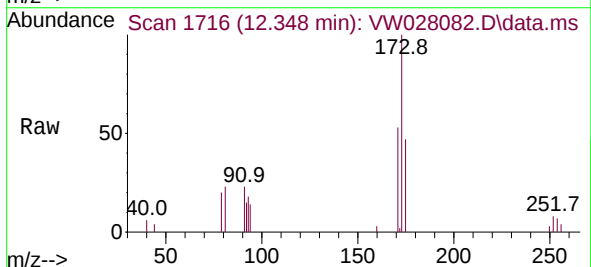
Instrument :
MSVOA_W
ClientSampleId :

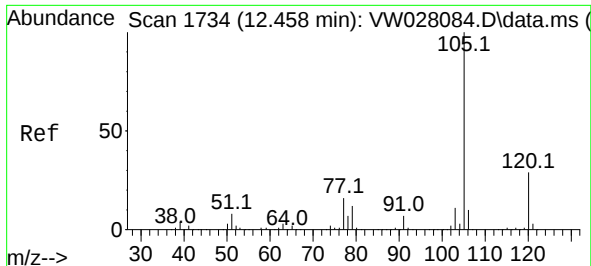
Tgt Ion: 83 Resp: 6617
Ion Ratio Lower Upper
83 100
85 68.7 45.7 84.9
131 14.3 9.7 14.5



#59
Bromoform
Concen: 2.316 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Tgt Ion:173 Resp: 3828
Ion Ratio Lower Upper
173 100
175 48.4 37.2 55.8
254 5.7 8.5 12.7#





#60

Isopropylbenzene

Concen: 2.524 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :

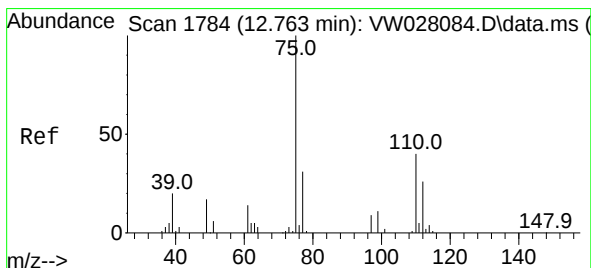
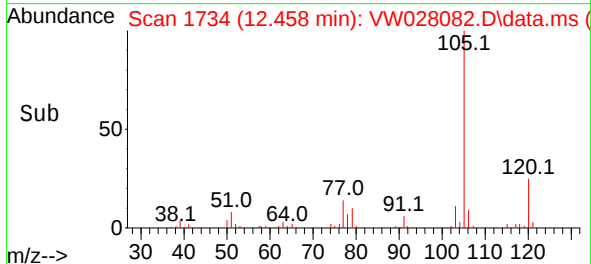
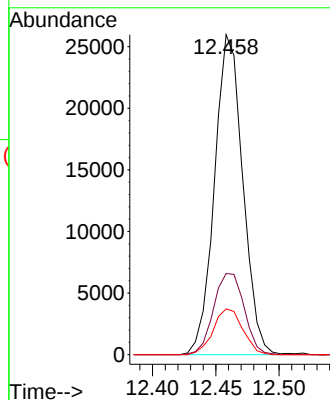
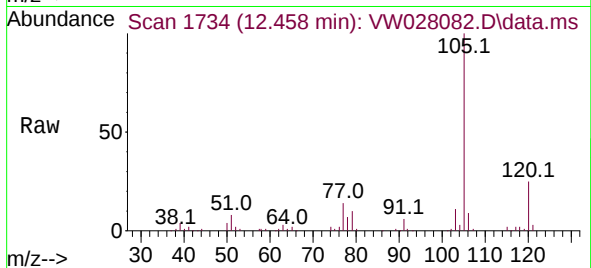
Tgt Ion:105 Resp: 40379

Ion Ratio Lower Upper

105 100

120 27.5 22.2 33.2

77 14.9 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 2.530 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

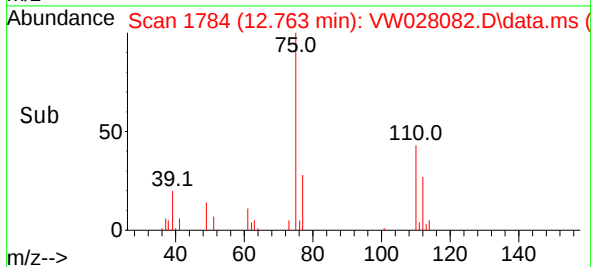
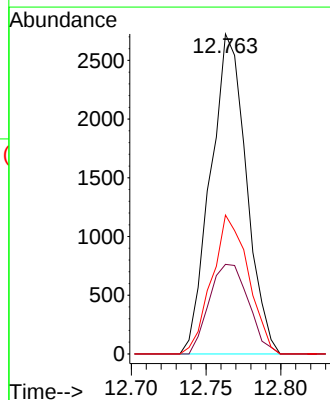
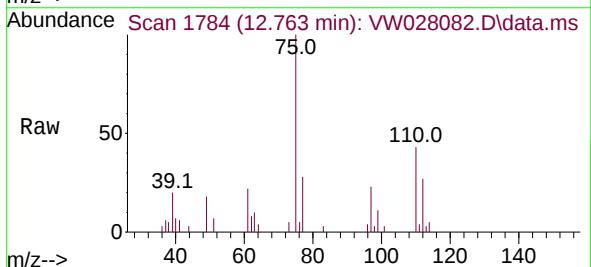
Tgt Ion: 75 Resp: 4535

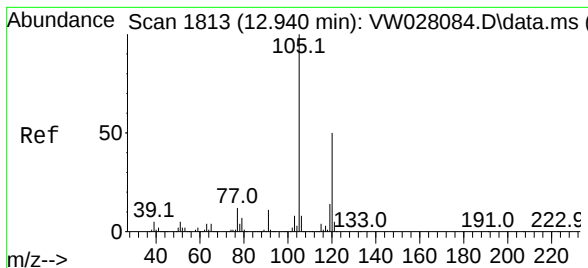
Ion Ratio Lower Upper

75 100

77 30.7 25.9 38.9

110 44.2 34.1 51.1

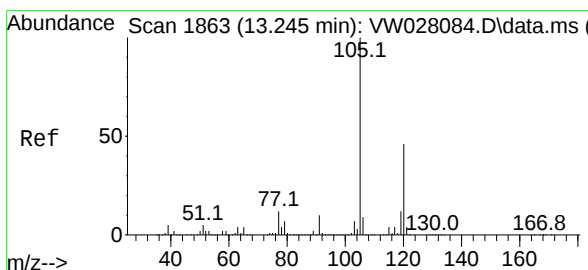
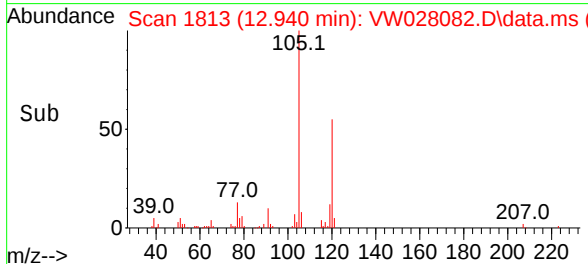
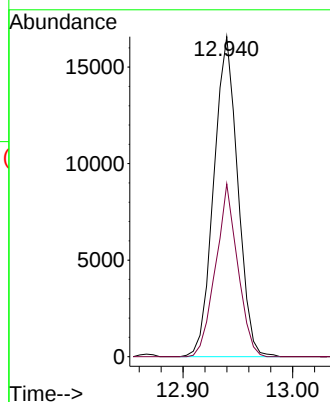
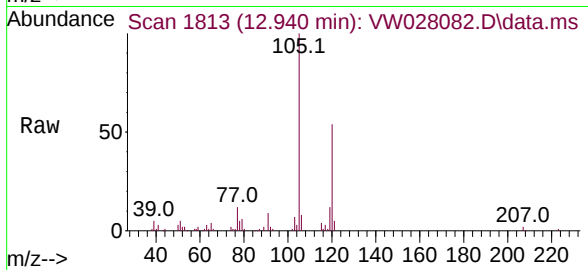




#62
1,3,5-Trimethylbenzene
Concen: 2.398 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

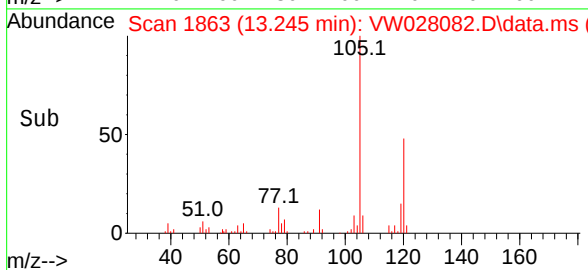
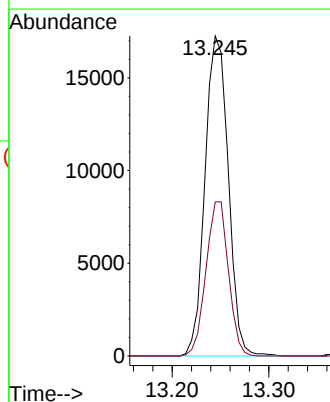
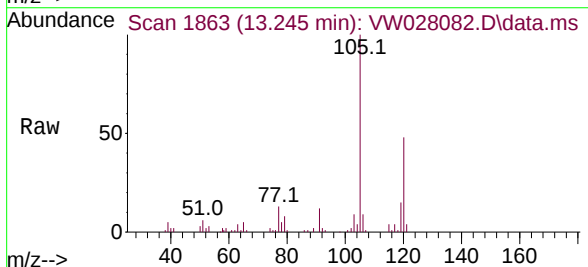
Instrument :
MSVOA_W
ClientSampleId :

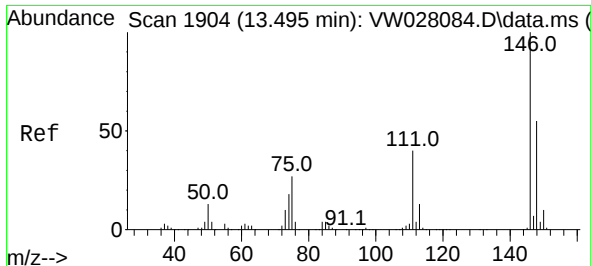
Tgt Ion:105 Resp: 25150
Ion Ratio Lower Upper
105 100
120 49.8 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 2.310 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Tgt Ion:105 Resp: 28894
Ion Ratio Lower Upper
105 100
120 46.5 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 2.723 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :

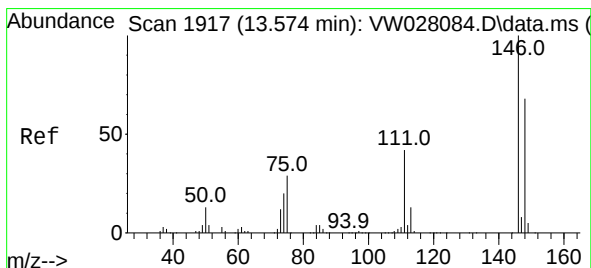
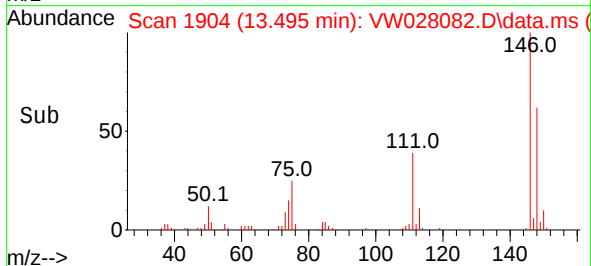
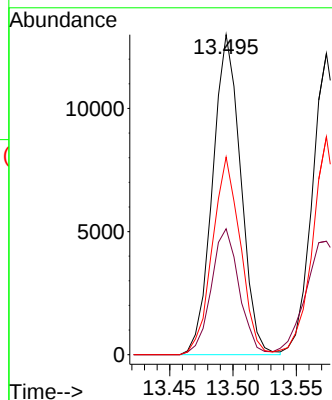
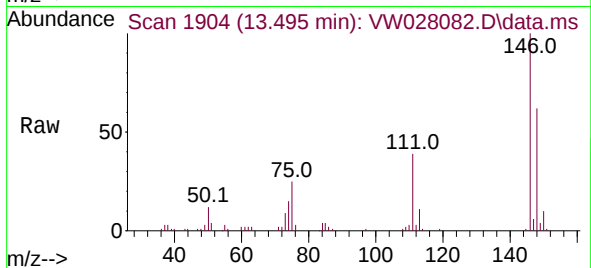
Tgt Ion:146 Resp: 20132

Ion Ratio Lower Upper

146 100

111 39.4 27.9 51.9

148 61.7 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 2.576 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

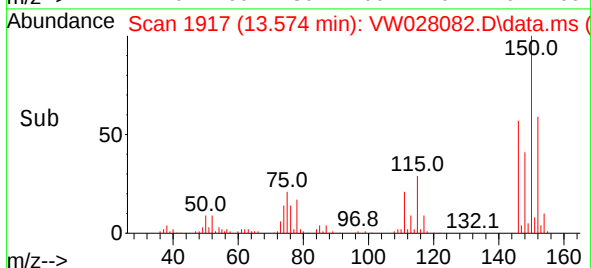
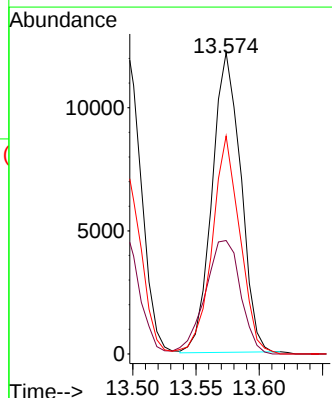
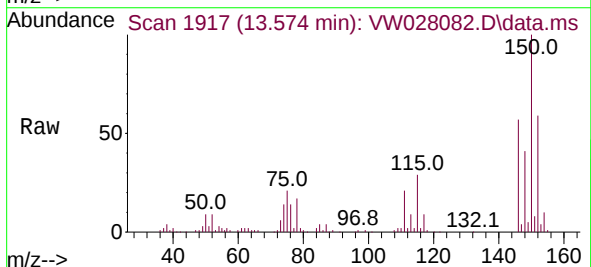
Tgt Ion:146 Resp: 19229

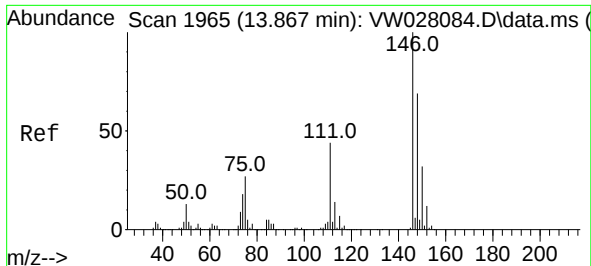
Ion Ratio Lower Upper

146 100

111 37.7 29.3 54.5

148 72.3 47.5 88.1

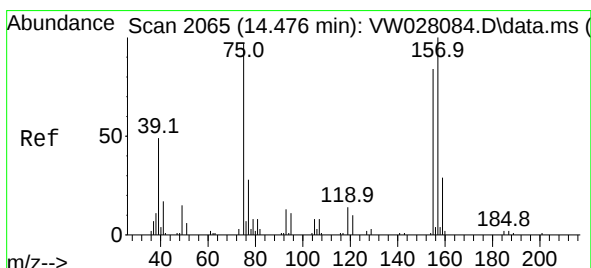
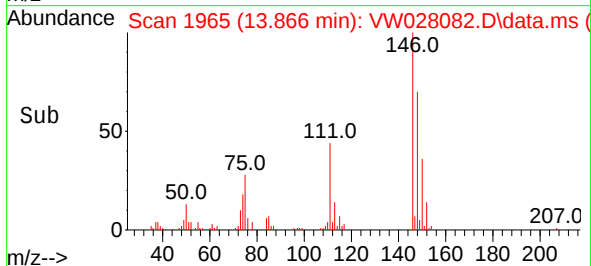
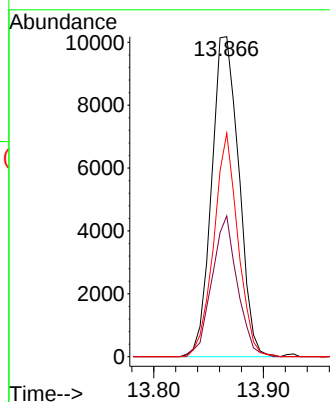
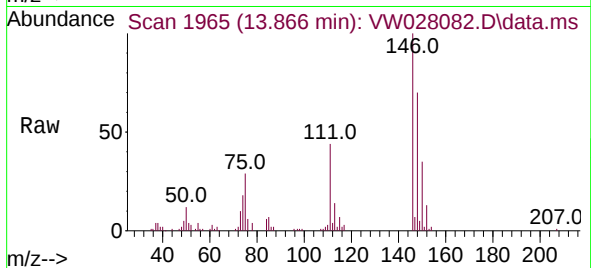




#67
1,2-Dichlorobenzene
Concen: 2.639 ug/L
RT: 13.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

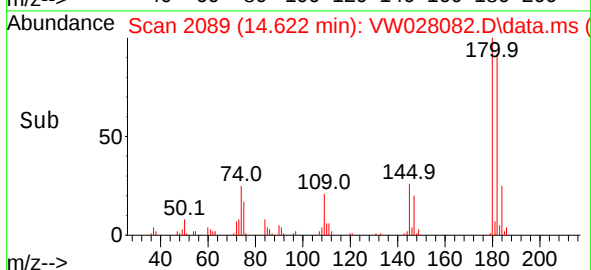
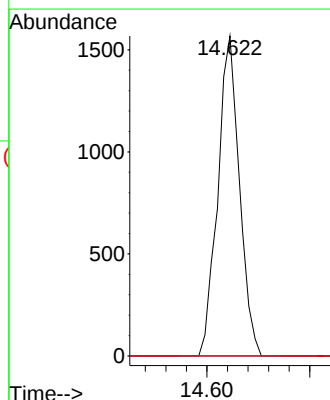
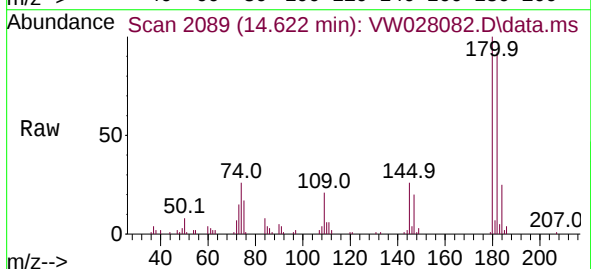
Instrument :
MSVOA_W
ClientSampleId :

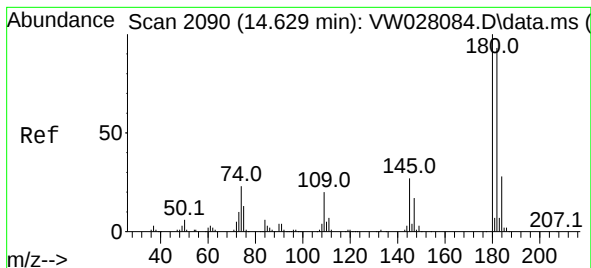
Tgt Ion:146 Resp: 17574
Ion Ratio Lower Upper
146 100
111 44.0 35.4 53.0
148 69.8 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 6.075 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. 0.146 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Tgt Ion: 75 Resp: 2287
Ion Ratio Lower Upper
75 100
155 0.0 69.3 103.9#
157 0.0 82.4 123.6#





#69

1,3,5-Trichlorobenzene

Concen: 2.670 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

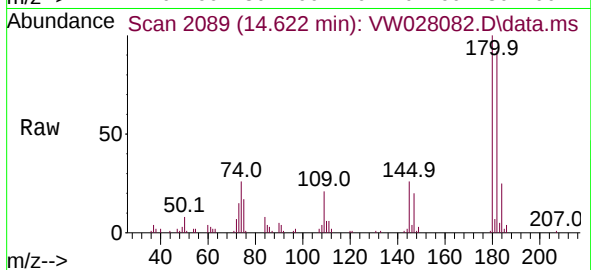
Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 14569

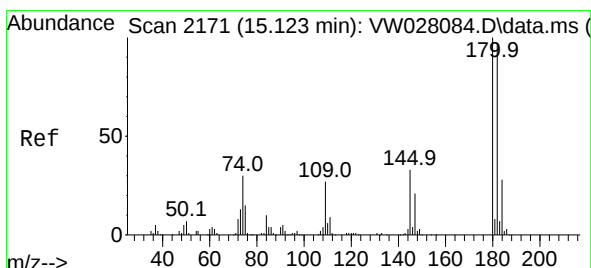
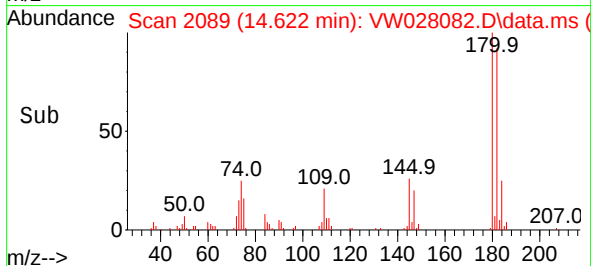
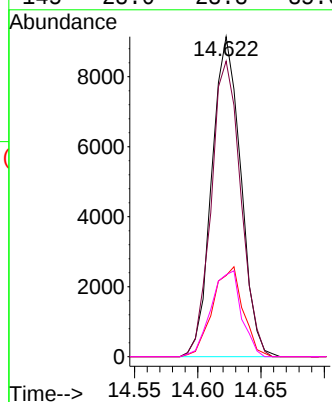
Ion Ratio Lower Upper

180 100

182 93.9 78.2 117.4

184 29.3 25.4 38.2

145 28.0 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 2.526 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028082.D

Acq: 29 Feb 2024 10:27

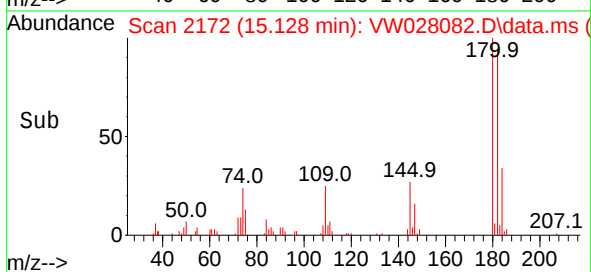
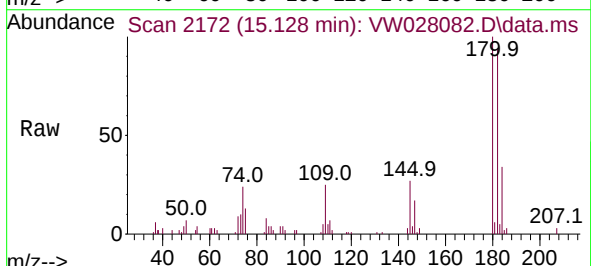
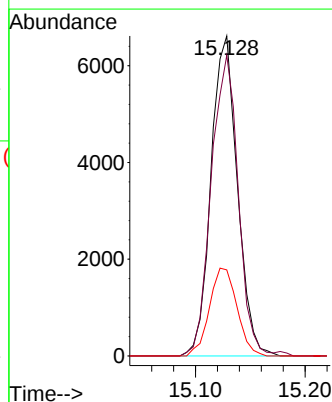
Tgt Ion:180 Resp: 11068

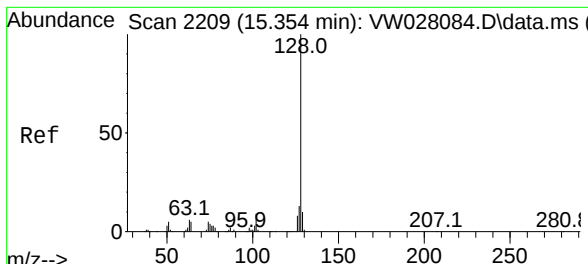
Ion Ratio Lower Upper

180 100

182 96.0 80.1 120.1

145 28.7 24.3 36.5



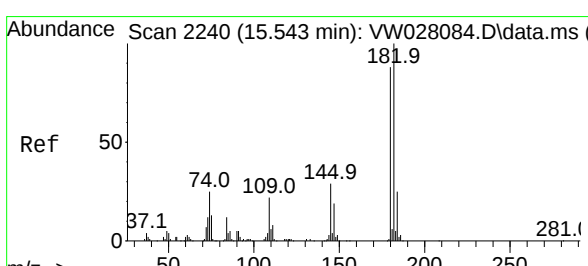
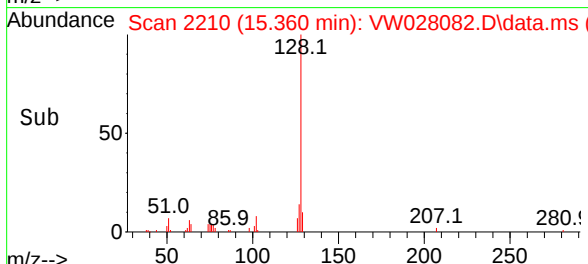
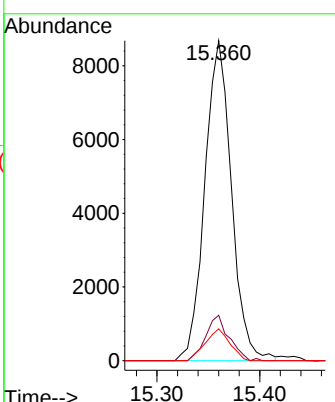
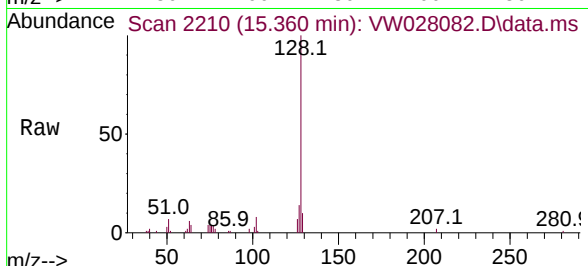


#71
Naphthalene
Concen: 2.186 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 15667

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	9.2	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.536 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW028082.D
Acq: 29 Feb 2024 10:27

Tgt Ion:180 Resp: 9292

Ion	Ratio	Lower	Upper
180	100		
182	95.4	81.4	122.2
145	32.1	26.2	39.2

