

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030582.D
 Acq On : 12 Oct 2024 05:38
 Operator : SY/MD
 Sample : P4350-14MSD
 Misc : 6.17g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 04:53:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	457636	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	351944	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133098	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162493	22.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
7) Chloroethane-d5	2.899	69	149677	27.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.960%
11) 1,1-Dichloroethene-d2	4.021	65	60962	20.376	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.520%
21) 2-Butanone-d5	7.081	46	59332	45.833	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.660%
24) Chloroform-d	7.648	84	329840	25.203	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	8.301	65	182150	26.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.080%
32) Benzene-d6	8.276	84	583377	28.559	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.240%
36) 1,2-Dichloropropane-d6	9.276	67	184524	30.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.120%#
41) Toluene-d8	10.319	98	455965	24.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	10.575	79	75806	30.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.800%
47) 2-Hexanone-d5	10.922	63	53708	69.551	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.100%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	157339	35.734	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.920%#
66) 1,2-Dichlorobenzene-d4	13.848	152	125735	27.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.680%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	88243	15.092	ug/L	99
3) Chloromethane	2.229	50	108421	15.955	ug/L	97
5) Vinyl chloride	2.375	62	128437	15.369	ug/L	99
6) Bromomethane	2.789	94	98675	17.939	ug/L	99
8) Chloroethane	2.936	64	89357	17.491	ug/L	97
9) Trichlorofluoromethane	3.265	101	105112	14.057	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95376	14.177	ug/L	94
13) Acetone	4.131	43	31603	16.675	ug/L	91
14) Carbon disulfide	4.393	76	195867	9.769	ug/L	98
15) Methyl Acetate	4.679	43	38129	16.287	ug/L	94
16) Methylene chloride	4.917	84	109036	15.760	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	99254	14.981	ug/L	93
18) Methyl tert-butyl Ether	5.435	73	192757	20.788	ug/L	98
19) 1,1-Dichloroethane	6.216	63	200151	16.254	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	120433	17.042	ug/L	93
22) 2-Butanone	7.173	43	57450	28.122	ug/L	98
23) Bromochloromethane	7.520	128	55190	17.852	ug/L	92
25) Chloroform	7.673	83	213928	16.257	ug/L	99
27) 1,2-Dichloroethane	8.398	62	145160	16.721	ug/L	99

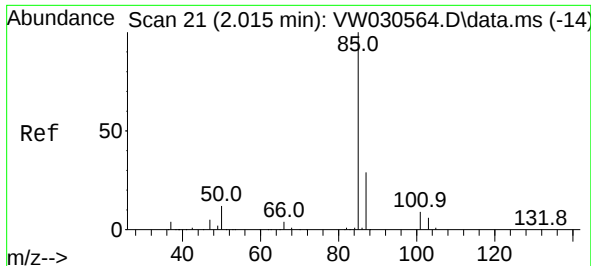
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
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 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 04:53:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	120001	14.007	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	154405	16.527	ug/L	98
31) Carbon tetrachloride	8.069	117	121235	14.529	ug/L	99
33) Benzene	8.319	78	410014	17.902	ug/L	100
34) Trichloroethene	9.087	95	92121	14.458	ug/L	93
35) Methylcyclohexane	9.331	83	112082	11.177	ug/L	95
37) 1,2-Dichloropropane	9.368	63	110914	19.390	ug/L	99
38) Bromodichloromethane	9.642	83	149649	19.664	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	160632	18.617	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	129412	47.093	ug/L	99
42) Toluene	10.386	91	358330	14.665	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	139459	19.235	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	89909	21.748	ug/L	99
46) Tetrachloroethene	10.861	164	41545	8.840	ug/L	92
48) 2-Hexanone	10.965	43	85786	38.174	ug/L	97
49) Dibromochloromethane	11.123	129	95910	20.792	ug/L	94
50) 1,2-Dibromoethane	11.233	107	81511	21.130	ug/L #	97
51) Chlorobenzene	11.654	112	219729	13.970	ug/L	100
52) Ethylbenzene	11.727	91	290375	10.415	ug/L	98
53) m,p-Xylene	11.837	106	106001	10.148	ug/L	96
54) o-Xylene	12.160	106	121976	12.631	ug/L	99
55) Styrene	12.178	104	212826	12.892	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	103619	22.226	ug/L	94
59) Bromoform	12.349	173	53696	28.715	ug/L	99
60) Isopropylbenzene	12.459	105	214146	10.389	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74039	28.587	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	175262	10.778	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	184799	11.607	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	124063	13.828	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	125625	13.561	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	134388	17.022	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	16453	28.490	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	66293	11.205	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	69215	14.532	ug/L	98
71) Naphthalene	15.354	128	225745	27.434	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	69793	16.903	ug/L	95

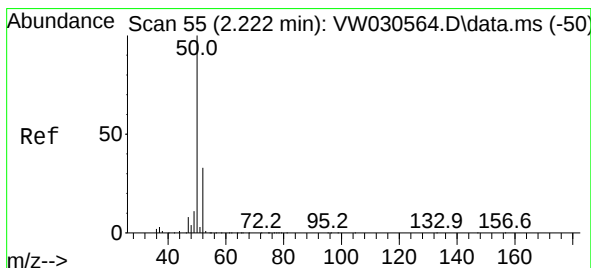
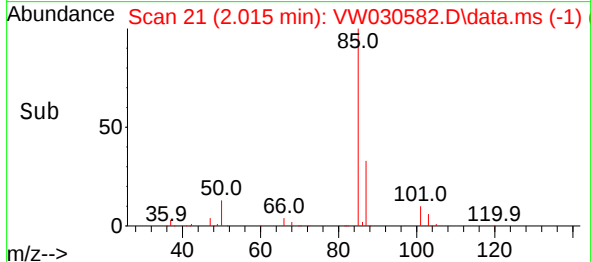
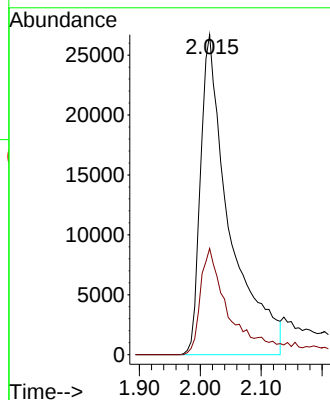
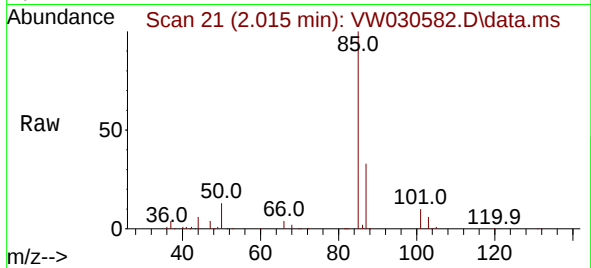
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 15.092 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030582.D
 Acq: 12 Oct 2024 05:38

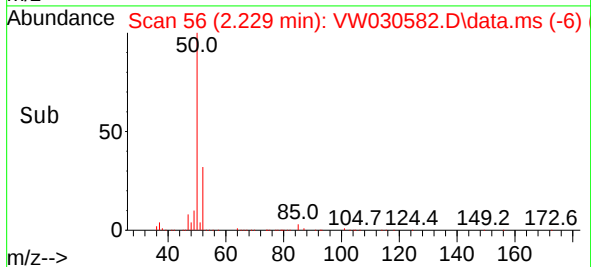
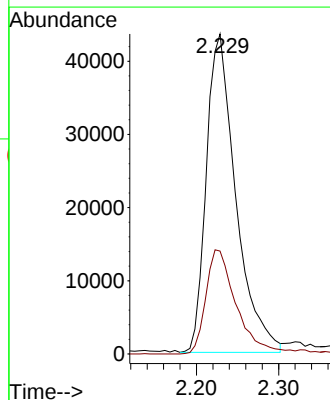
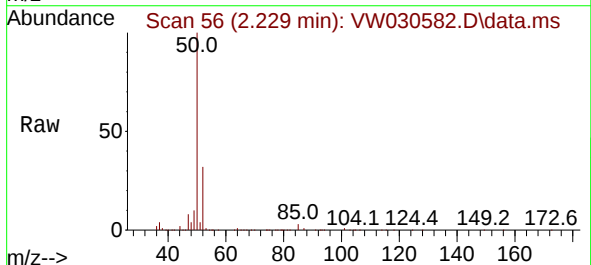
Instrument :
 MSVOA_W
 ClientSampleId :

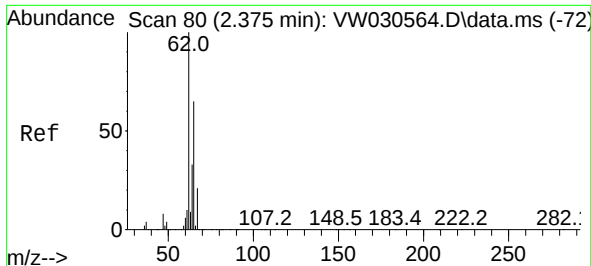
Tgt Ion: 85 Resp: 88243
 Ion Ratio Lower Upper
 85 100
 87 29.3 23.8 35.6



#3
 Chloromethane
 Concen: 15.955 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030582.D
 Acq: 12 Oct 2024 05:38

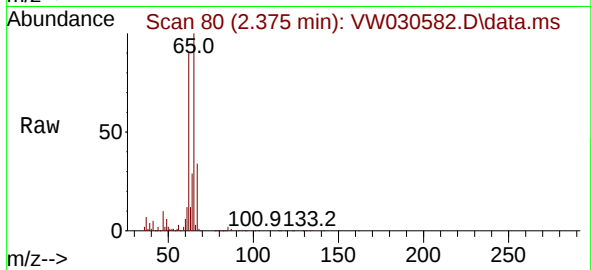
Tgt Ion: 50 Resp: 108421
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.7 43.9



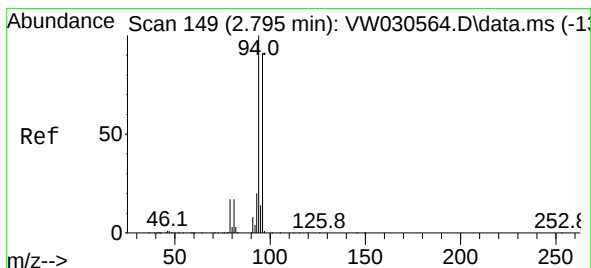
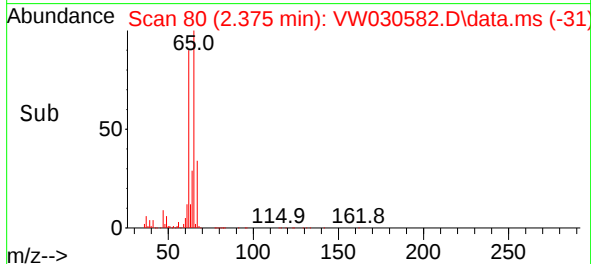
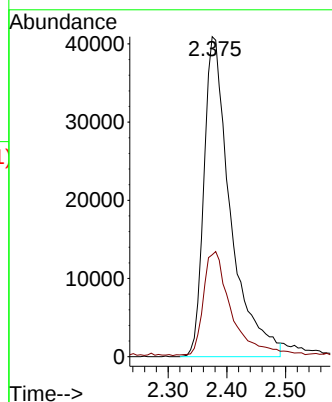


#5
 Vinyl chloride
 Concen: 15.369 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030582.D
 Acq: 12 Oct 2024 05:38

Instrument :
 MSVOA_W
 ClientSampleId :

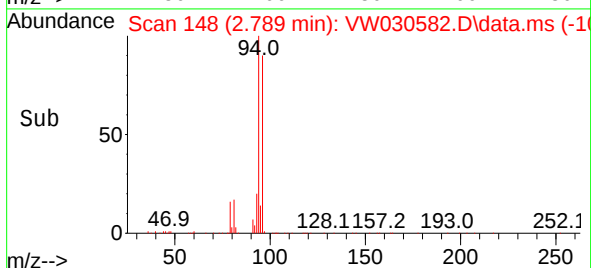
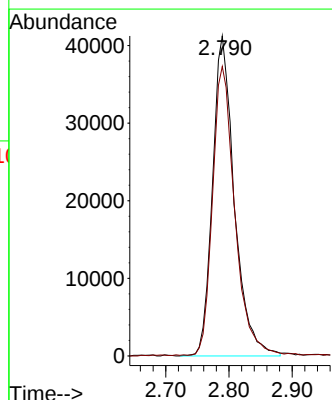
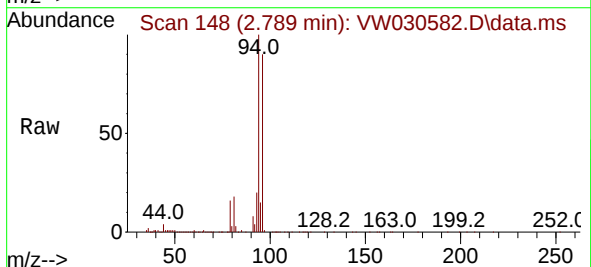


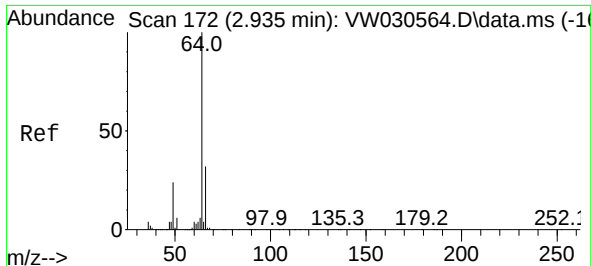
Tgt Ion: 62 Resp: 128437
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.6 42.0



#6
 Bromomethane
 Concen: 17.939 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030582.D
 Acq: 12 Oct 2024 05:38

Tgt Ion: 94 Resp: 98675
 Ion Ratio Lower Upper
 94 100
 96 90.5 62.6 116.2

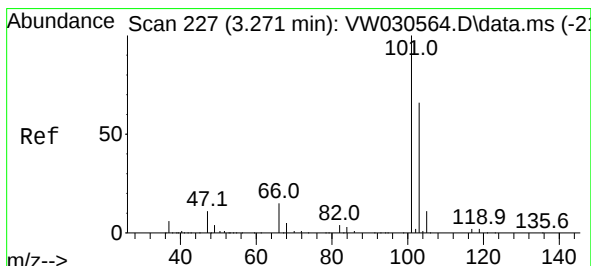
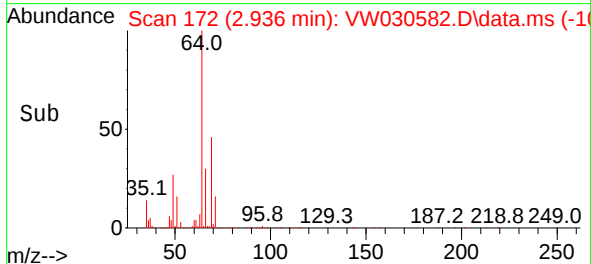
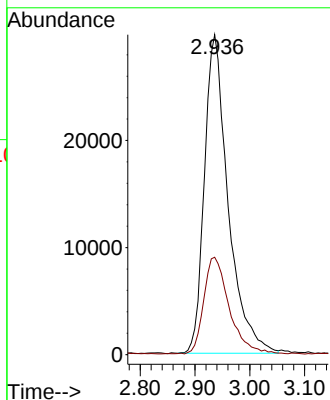
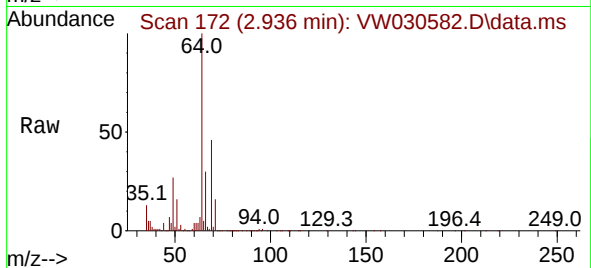




#8
Chloroethane
Concen: 17.491 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030582.D
Acq: 12 Oct 2024 05:38

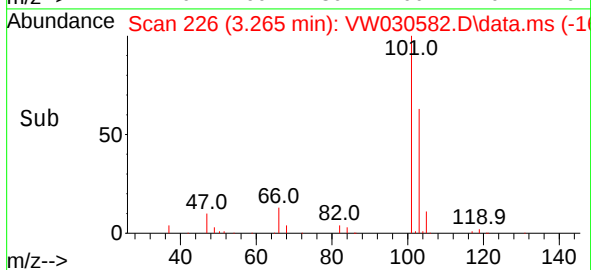
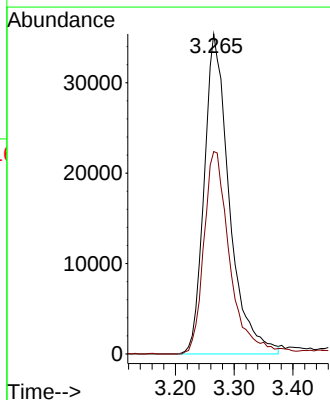
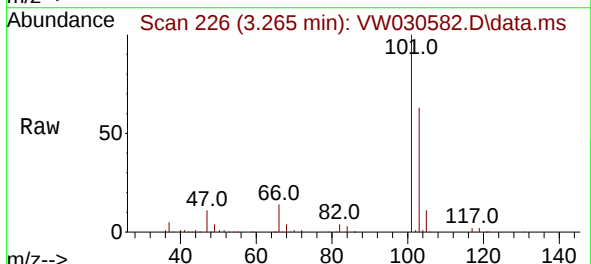
Instrument :
MSVOA_W
ClientSampleId :

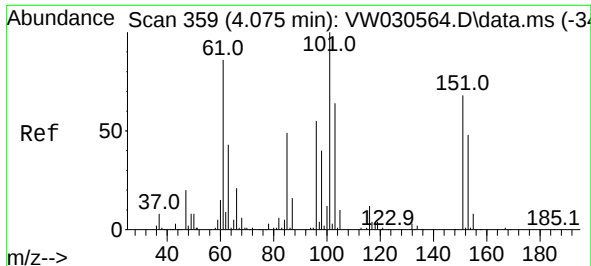
Tgt Ion: 64 Resp: 89357
Ion Ratio Lower Upper
64 100
66 30.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.057 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030582.D
Acq: 12 Oct 2024 05:38

Tgt Ion:101 Resp: 105112
Ion Ratio Lower Upper
101 100
103 63.2 51.1 76.7





#10

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

Concen: 14.177 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

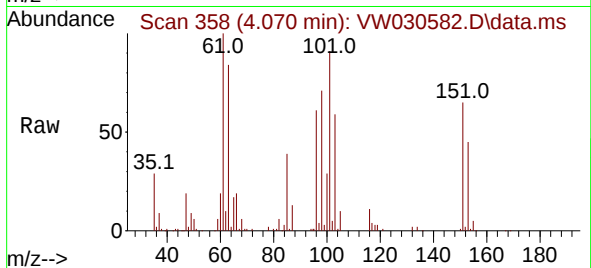
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Instrument :

MSVOA_W

ClientSampleId :



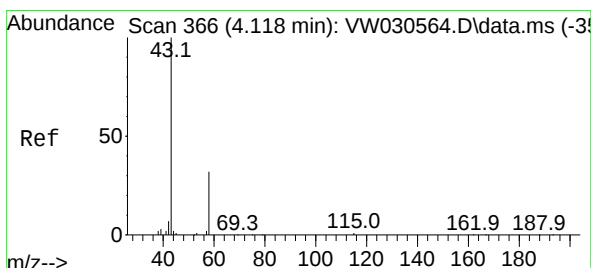
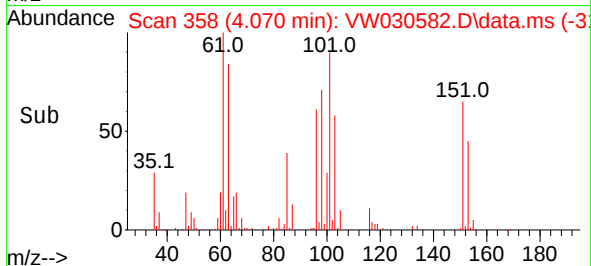
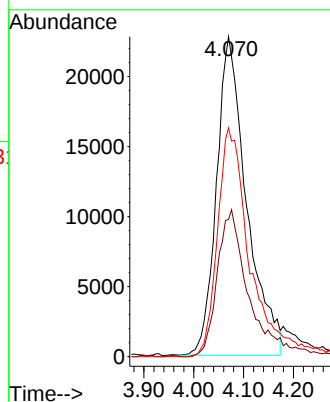
Tgt Ion:101 Resp: 95376

Ion Ratio Lower Upper

101 100

85 42.8 35.7 53.5

151 76.8 56.1 84.1



#13

Acetone

Concen: 16.675 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.013 min

Lab File: VW030582.D

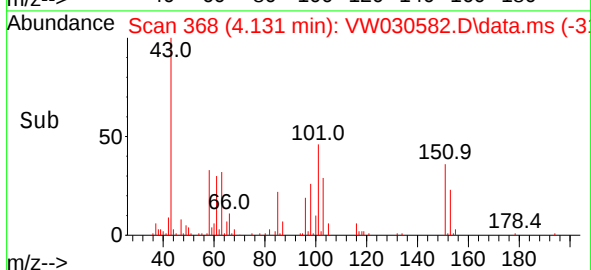
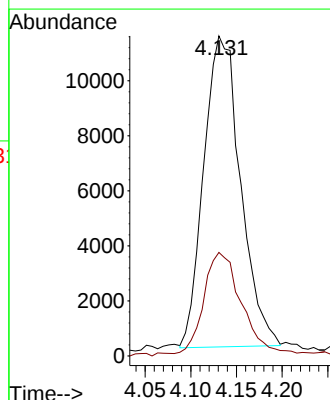
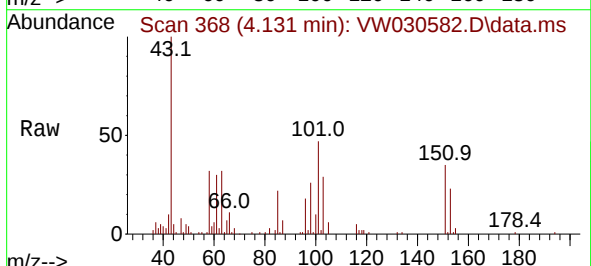
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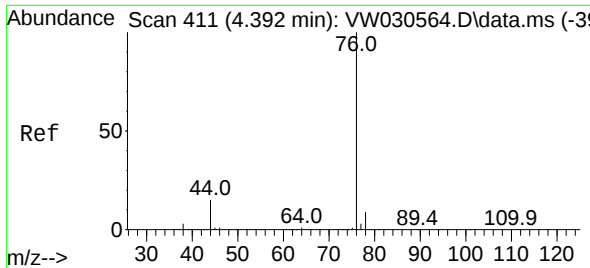
Tgt Ion: 43 Resp: 31603

Ion Ratio Lower Upper

43 100

58 33.8 0.0 57.6

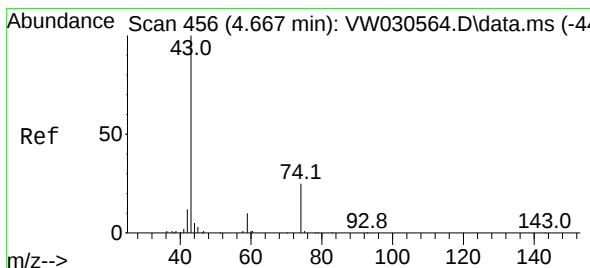
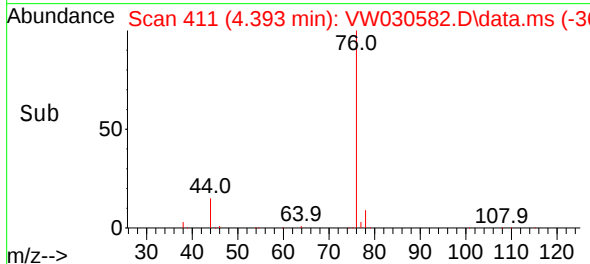
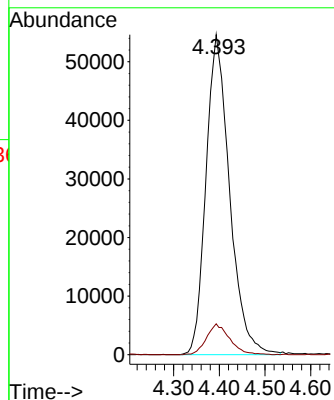
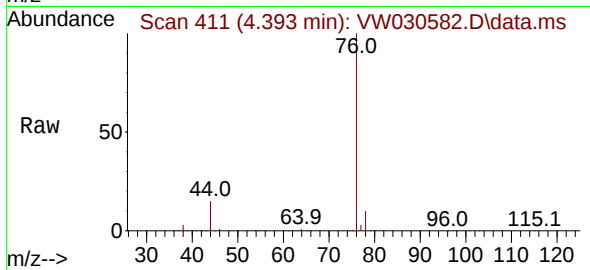




#14
Carbon disulfide
Concen: 9.769 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030582.D
Acq: 12 Oct 2024 05:38

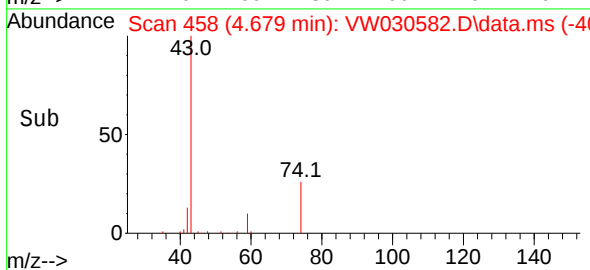
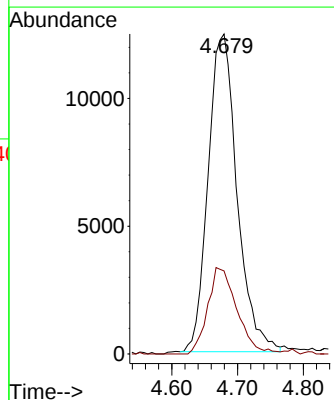
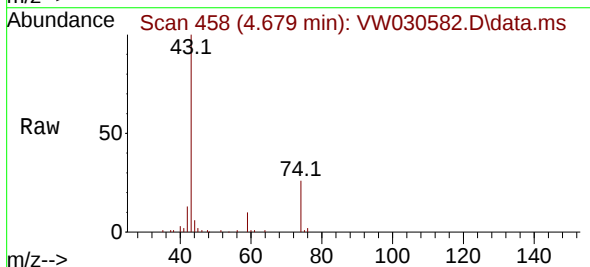
Instrument :
MSVOA_W
ClientSampleId :

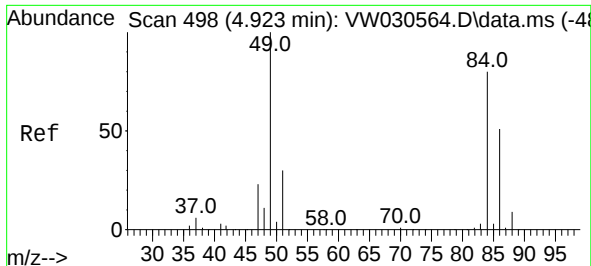
Tgt Ion: 76 Resp: 195867
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#15
Methyl Acetate
Concen: 16.287 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.013 min
Lab File: VW030582.D
Acq: 12 Oct 2024 05:38

Tgt Ion: 43 Resp: 38129
Ion Ratio Lower Upper
43 100
74 26.9 19.3 28.9

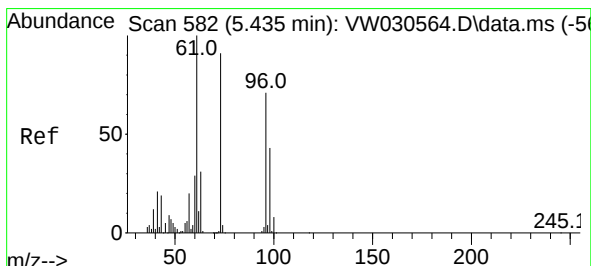
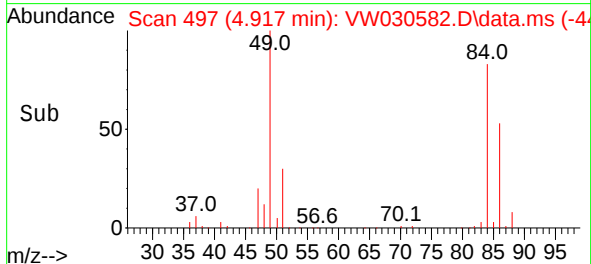
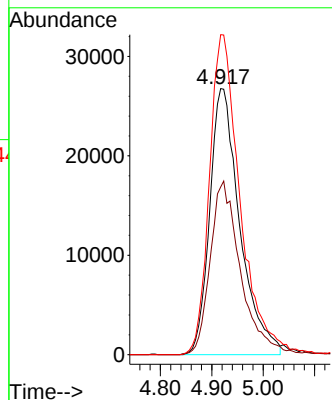
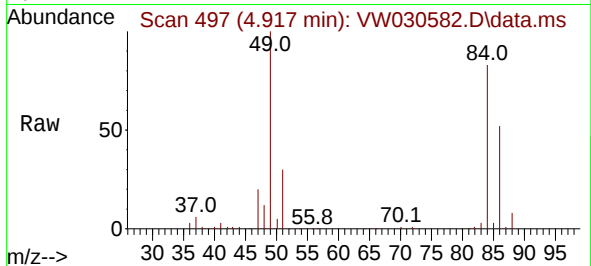




#16
Methylene chloride
Concen: 15.760 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW030582.D
Acq: 12 Oct 2024 05:38

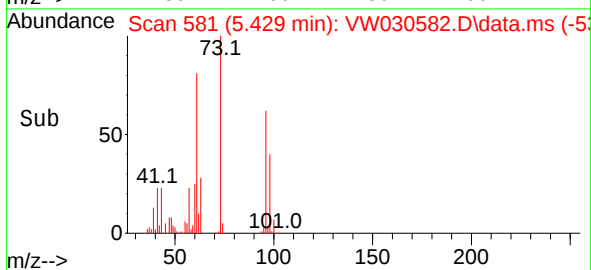
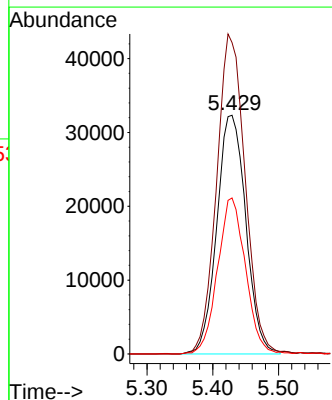
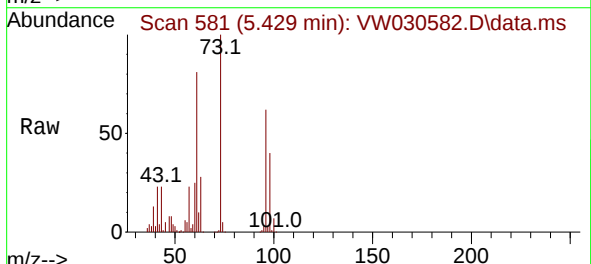
Instrument :
MSVOA_W
ClientSampleId :

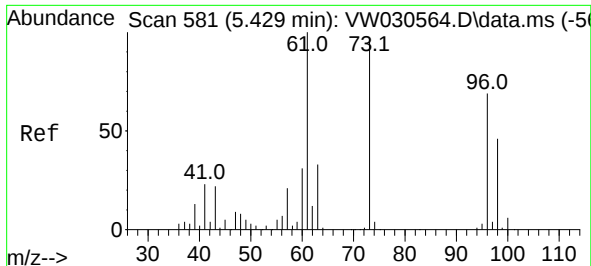
Tgt Ion: 84 Resp: 109036
Ion Ratio Lower Upper
84 100
86 63.0 43.8 81.3
49 120.3 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 14.981 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030582.D
Acq: 12 Oct 2024 05:38

Tgt Ion: 96 Resp: 99254
Ion Ratio Lower Upper
96 100
61 130.4 96.9 179.9
98 65.3 42.2 78.4





#18

Methyl tert-butyl Ether

Concen: 20.788 ug/L

RT: 5.435 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

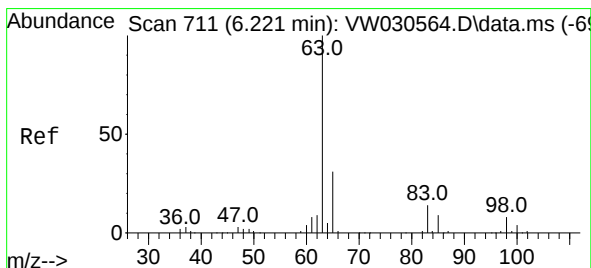
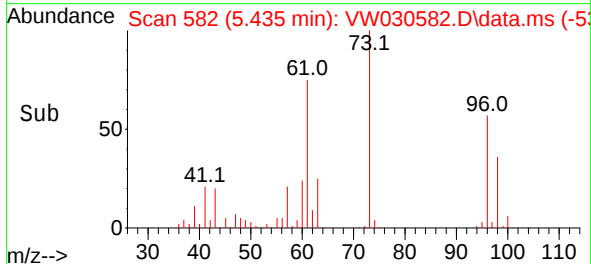
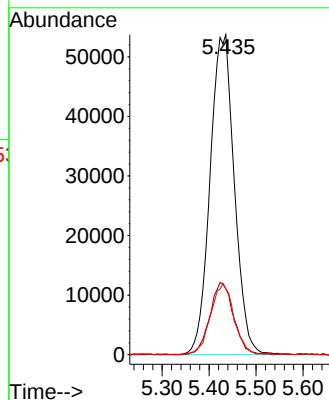
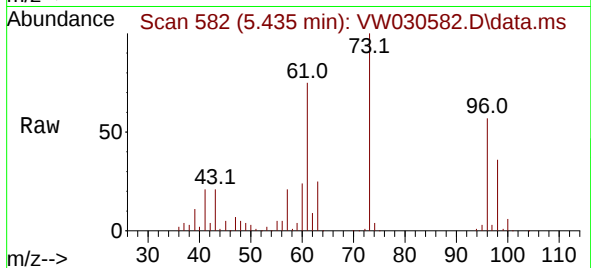
Tgt Ion: 73 Resp: 192757

Ion Ratio Lower Upper

73 100

43 21.6 18.1 27.1

57 21.3 17.7 26.5



#19

1,1-Dichloroethane

Concen: 16.254 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

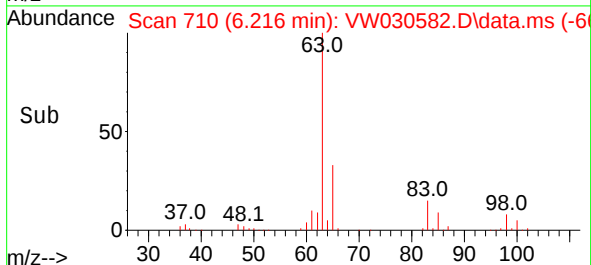
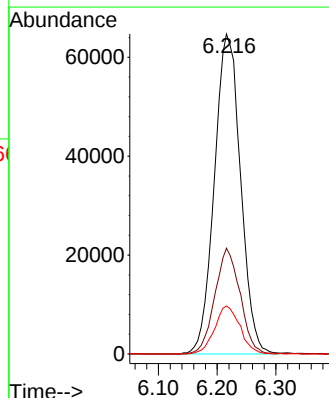
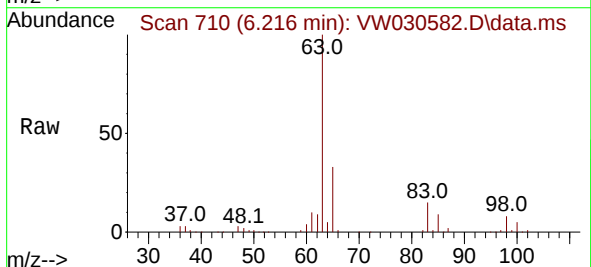
Tgt Ion: 63 Resp: 200151

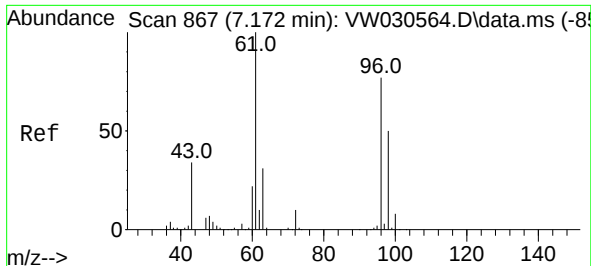
Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.9

83 15.0 9.8 18.2





#20

cis-1,2-Dichloroethene

Concen: 17.042 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

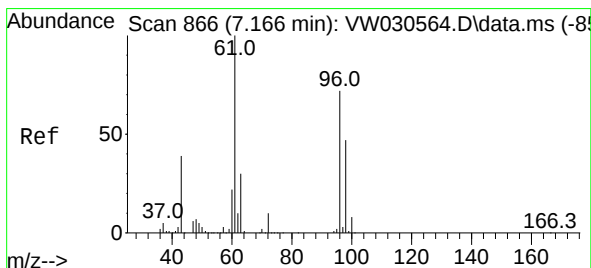
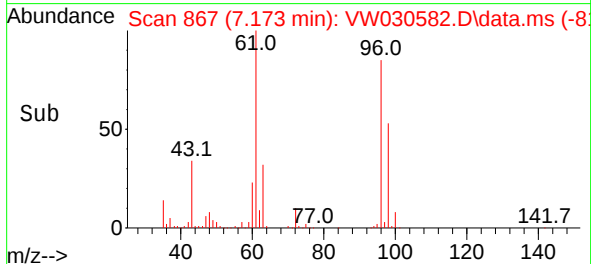
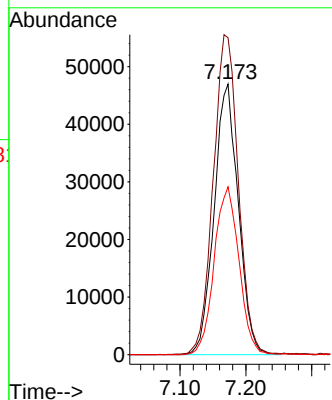
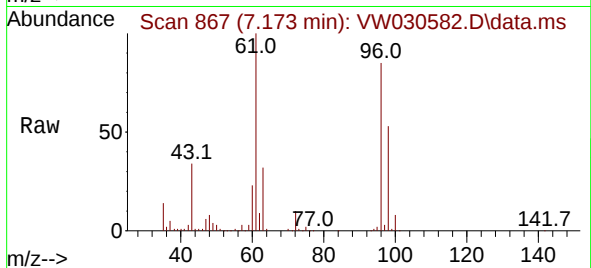
Tgt Ion: 96 Resp: 120433

Ion Ratio Lower Upper

96 100

61 117.2 88.3 163.9

98 62.1 41.3 76.7



#22

2-Butanone

Concen: 28.122 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030582.D

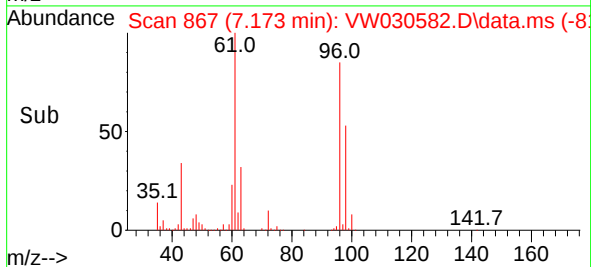
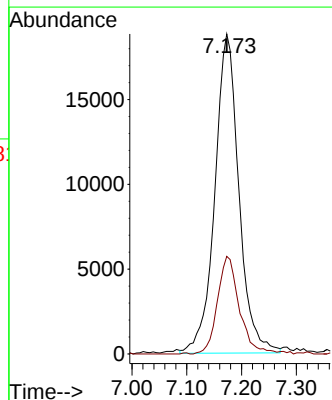
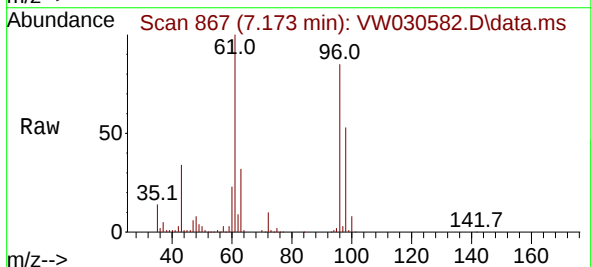
Acq: 12 Oct 2024 05:38

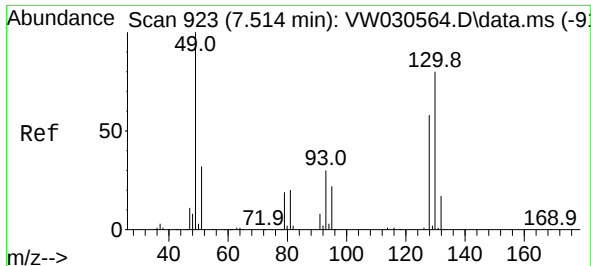
Tgt Ion: 43 Resp: 57450

Ion Ratio Lower Upper

43 100

72 27.7 14.4 43.0





#23

Bromochloromethane

Concen: 17.852 ug/L

RT: 7.520 min Scan# 91

Delta R.T. 0.006 min

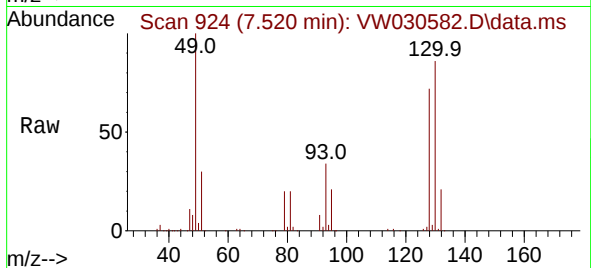
Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 55190

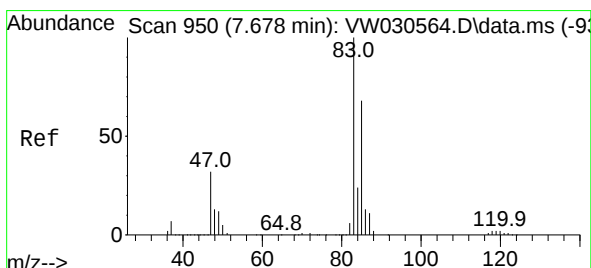
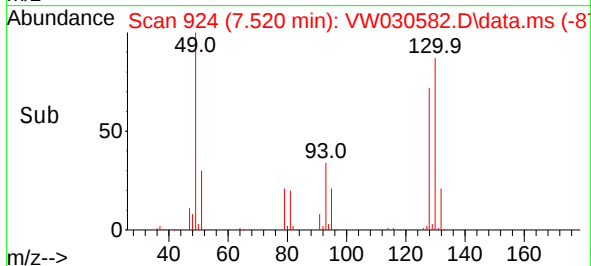
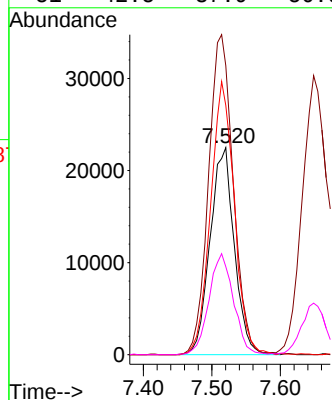
Ion Ratio Lower Upper

128 100

49 139.6 110.1 204.5

130 120.5 82.9 153.9

51 42.5 37.9 56.9



#25

Chloroform

Concen: 16.257 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030582.D

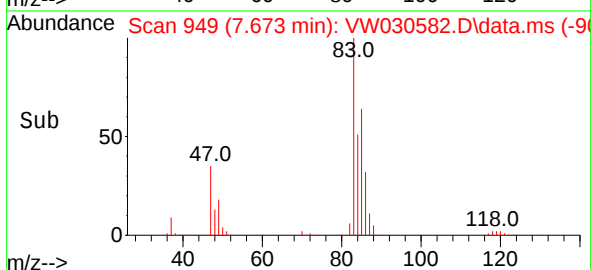
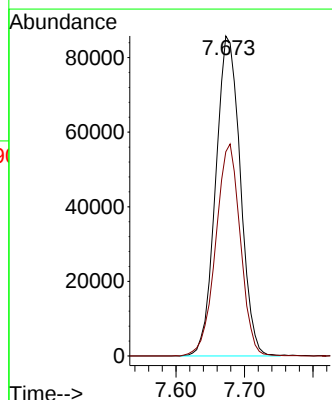
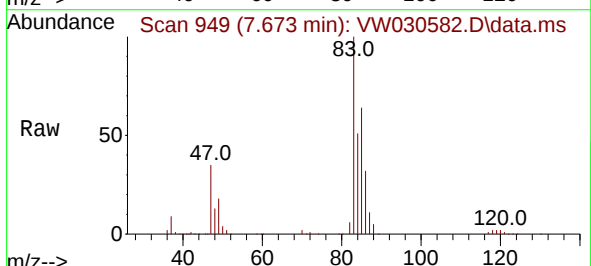
Acq: 12 Oct 2024 05:38

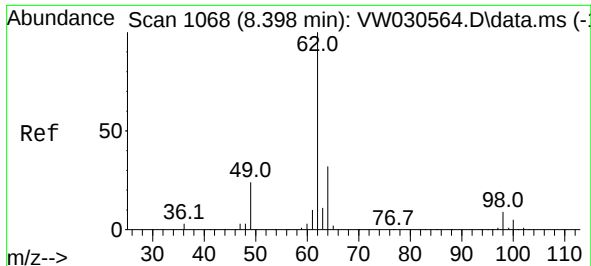
Tgt Ion: 83 Resp: 213928

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7





#27

1,2-Dichloroethane

Concen: 16.721 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

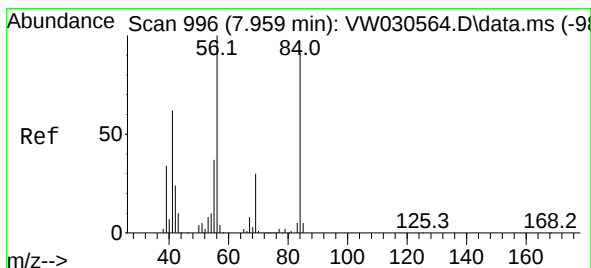
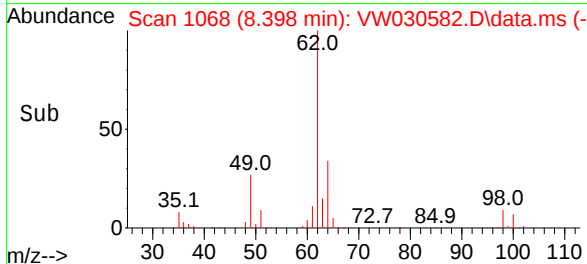
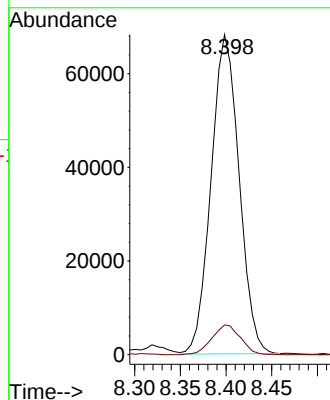
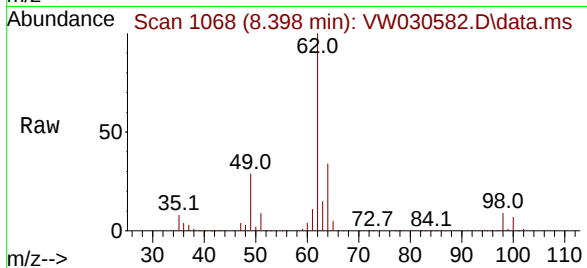
ClientSampleId :

Tgt Ion: 62 Resp: 145160

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.6



#29

Cyclohexane

Concen: 14.007 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

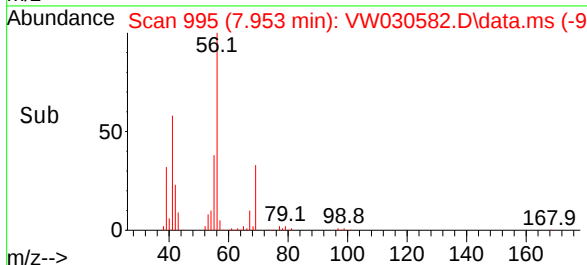
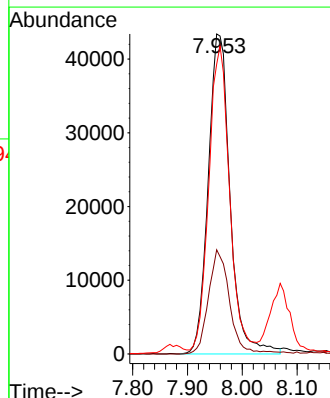
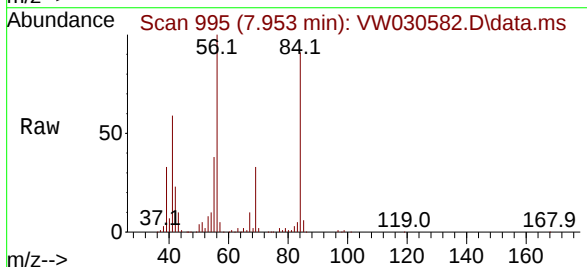
Tgt Ion: 56 Resp: 120001

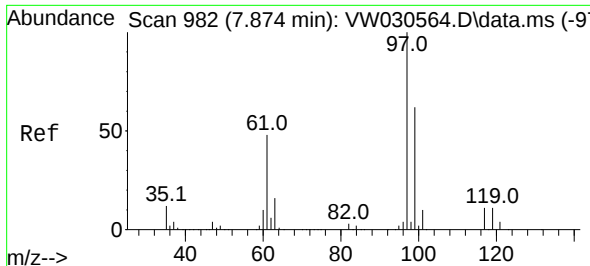
Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 91.8 72.3 108.5





#30

1,1,1-Trichloroethane

Concen: 16.527 ug/L

RT: 7.868 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

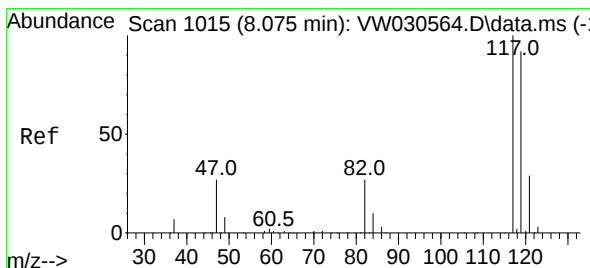
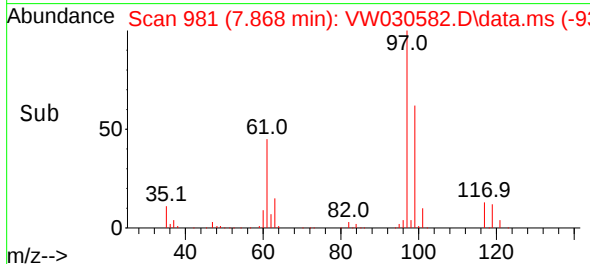
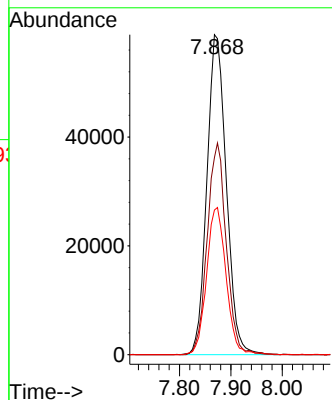
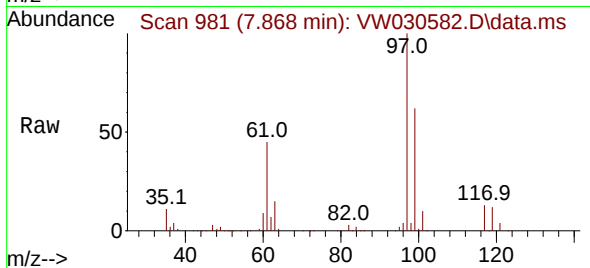
Tgt Ion: 97 Resp: 154405

Ion Ratio Lower Upper

97 100

99 64.8 52.3 78.5

61 45.7 38.5 57.7



#31

Carbon tetrachloride

Concen: 14.529 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030582.D

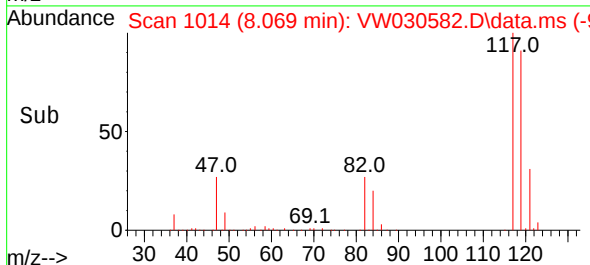
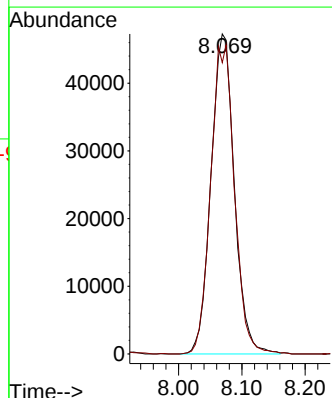
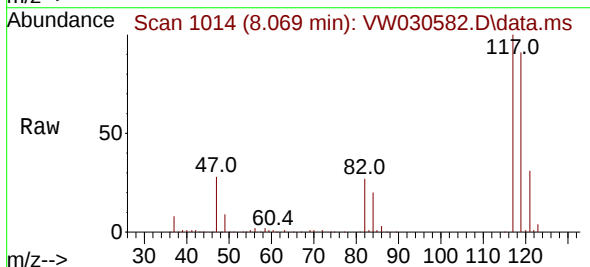
Acq: 12 Oct 2024 05:38

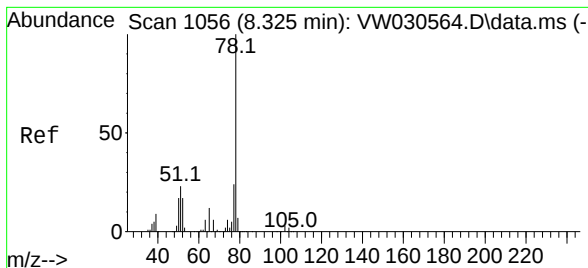
Tgt Ion: 117 Resp: 121235

Ion Ratio Lower Upper

117 100

119 98.4 77.8 116.8





#33

Benzene

Concen: 17.902 ug/L

RT: 8.319 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030582.D

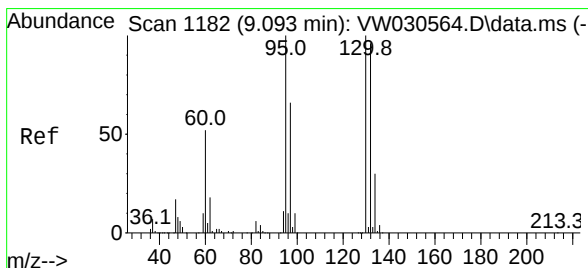
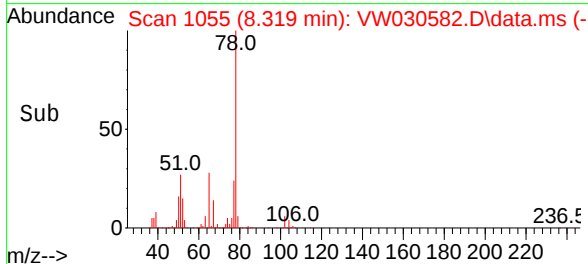
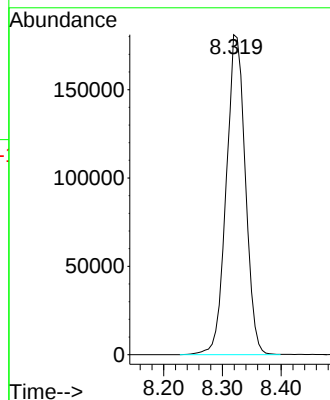
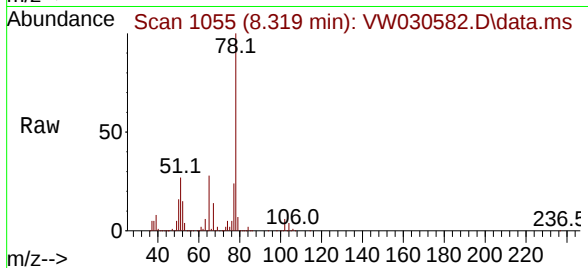
Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 410014



#34

Trichloroethene

Concen: 14.458 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Tgt Ion: 95 Resp: 92121

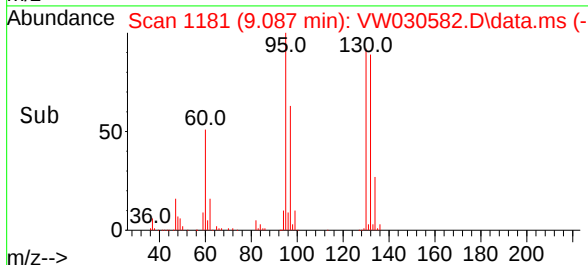
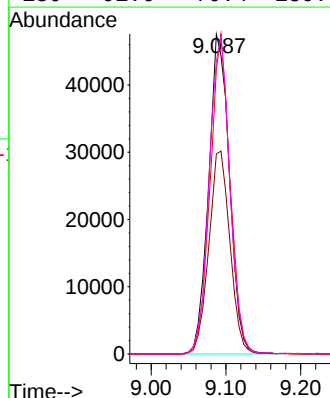
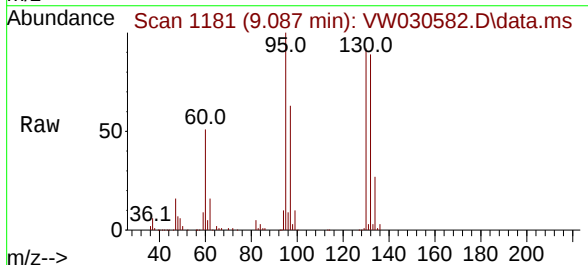
Ion Ratio Lower Upper

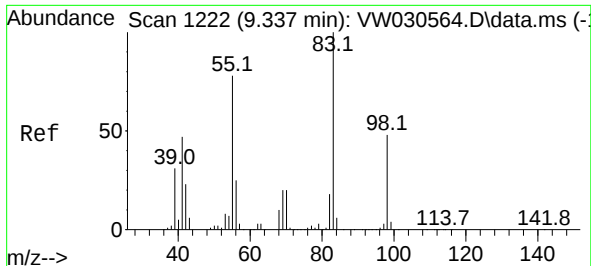
95 100

97 62.5 45.9 85.3

132 89.1 66.4 123.2

130 91.6 70.4 130.8





#35

Methylcyclohexane

Concen: 11.177 ug/L

RT: 9.331 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

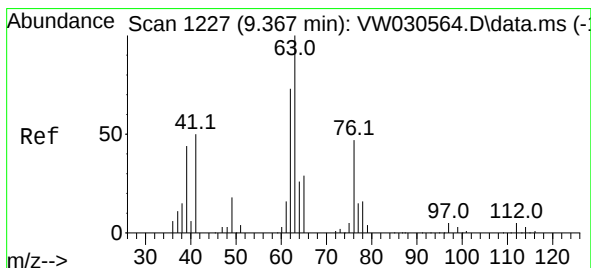
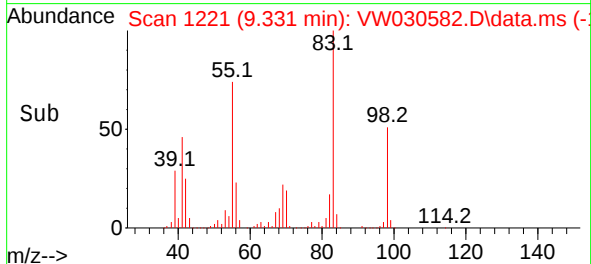
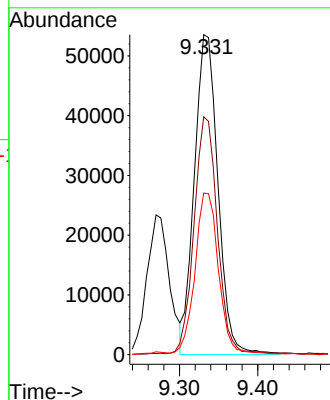
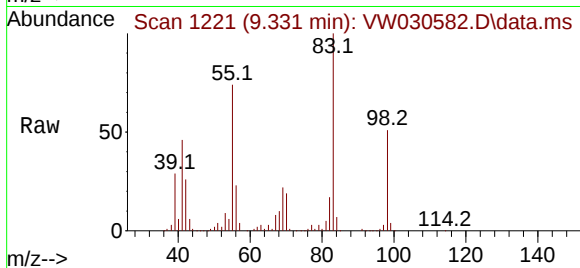
Tgt Ion: 83 Resp: 112082

Ion Ratio Lower Upper

83 100

55 72.3 61.8 92.8

98 50.9 39.3 58.9



#37

1,2-Dichloropropane

Concen: 19.390 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030582.D

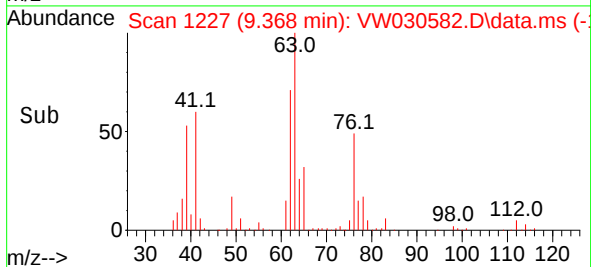
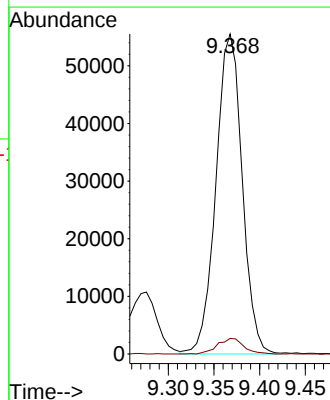
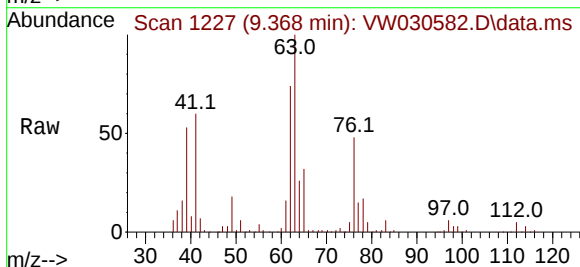
Acq: 12 Oct 2024 05:38

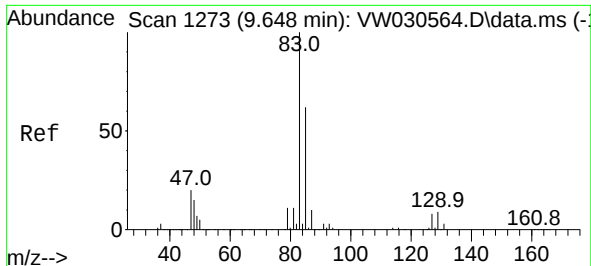
Tgt Ion: 63 Resp: 110914

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5





#38

Bromodichloromethane

Concen: 19.664 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

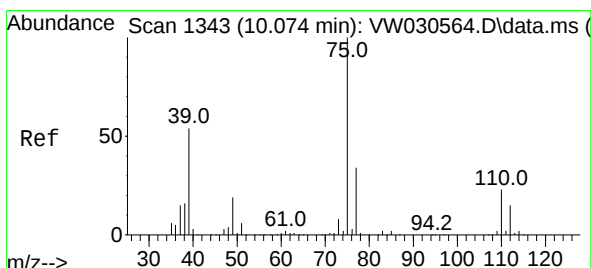
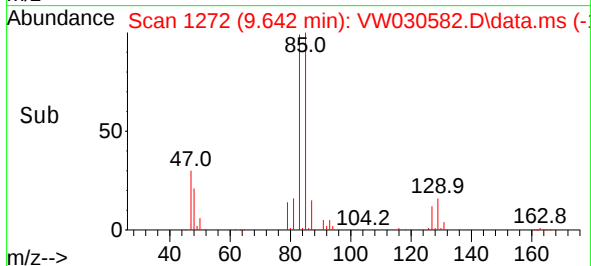
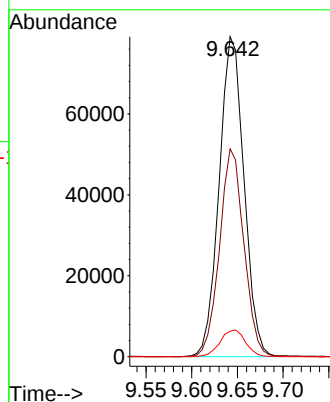
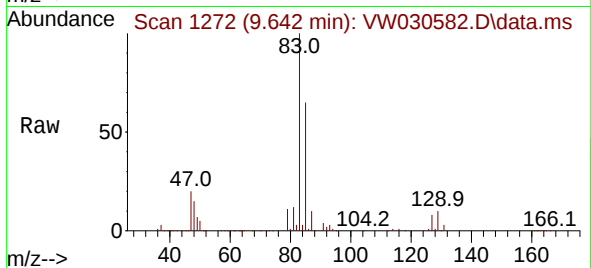
Tgt Ion: 83 Resp: 149649

Ion Ratio Lower Upper

83 100

85 65.0 44.2 82.0

127 7.9 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 18.617 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030582.D

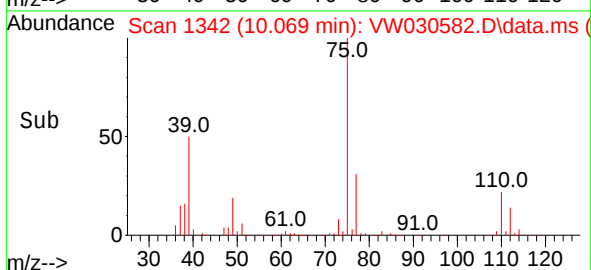
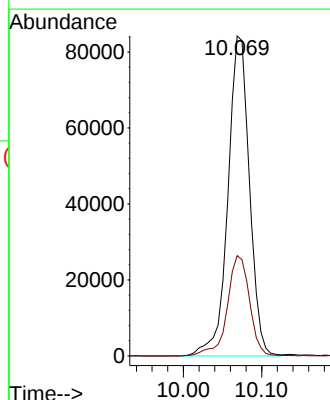
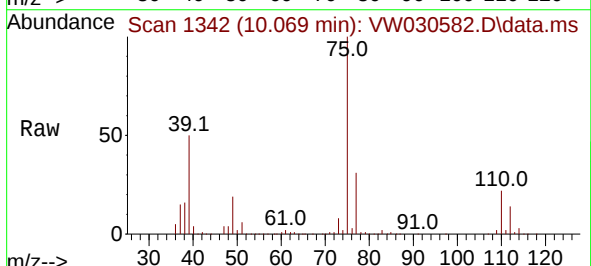
Acq: 12 Oct 2024 05:38

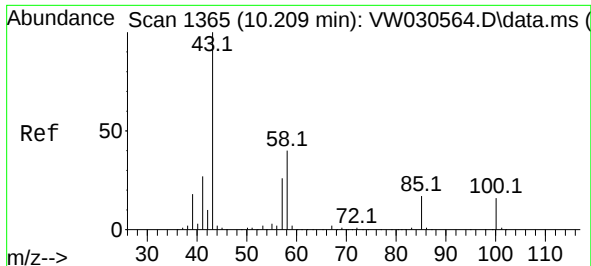
Tgt Ion: 75 Resp: 160632

Ion Ratio Lower Upper

75 100

77 31.4 21.1 39.1





#40

4-Methyl-2-pentanone

Concen: 47.093 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

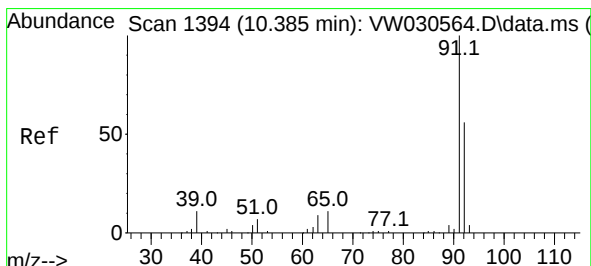
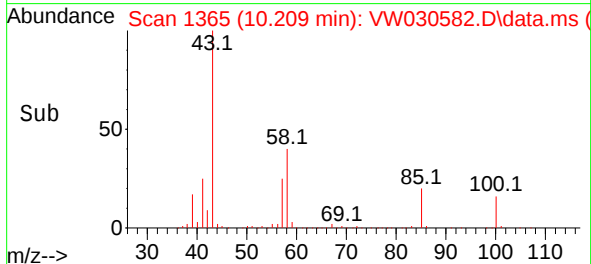
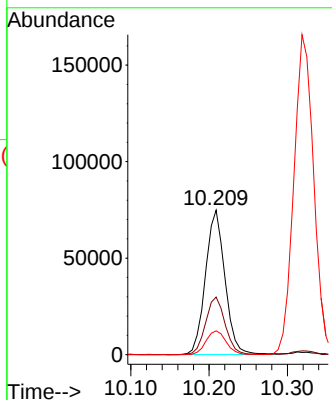
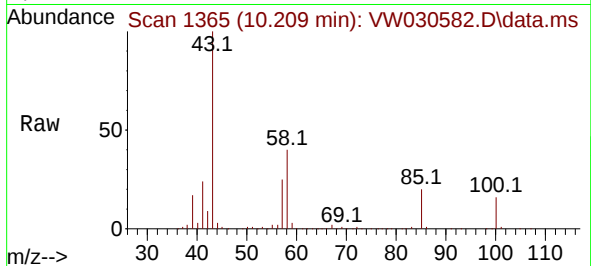
Tgt Ion: 43 Resp: 129412

Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2

100 17.1 13.1 19.7



#42

Toluene

Concen: 14.665 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030582.D

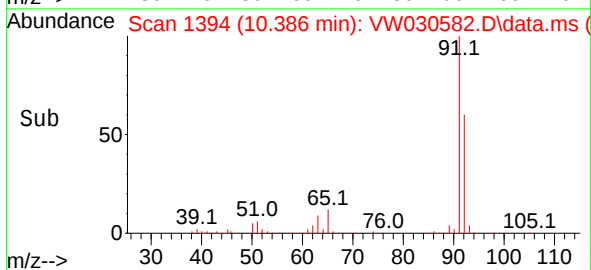
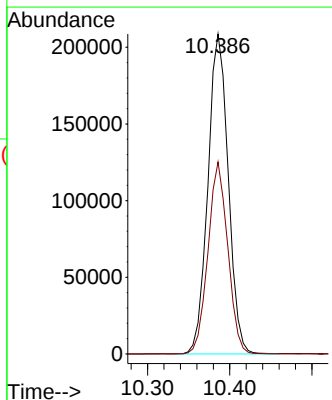
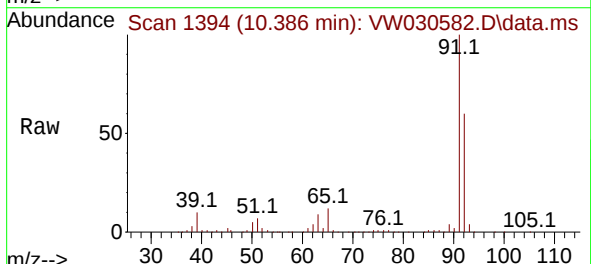
Acq: 12 Oct 2024 05:38

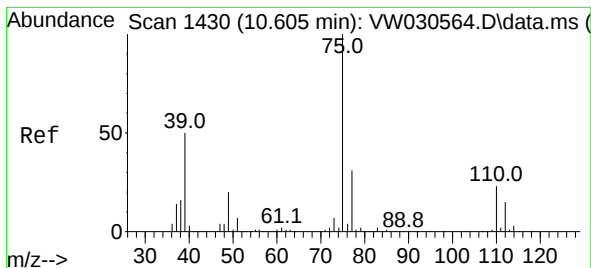
Tgt Ion: 91 Resp: 358330

Ion Ratio Lower Upper

91 100

92 60.0 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 19.235 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

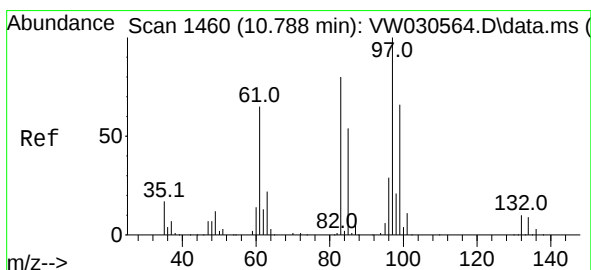
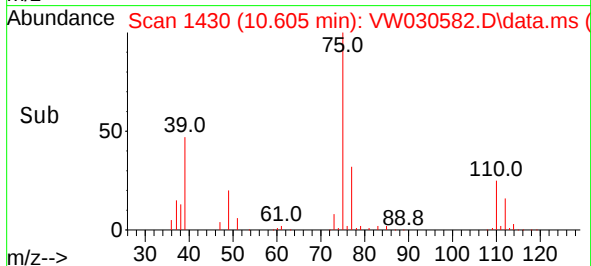
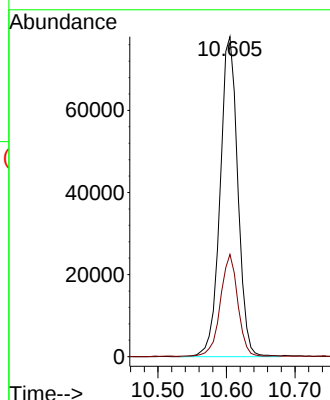
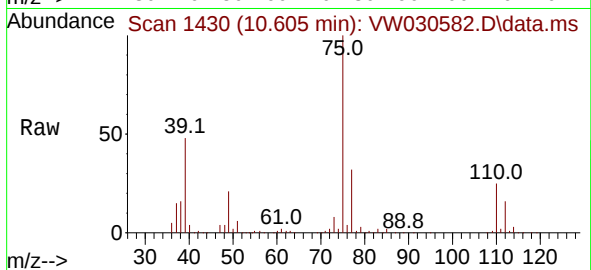
ClientSampleId :

Tgt Ion: 75 Resp: 139459

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 21.748 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Tgt Ion: 97 Resp: 89909

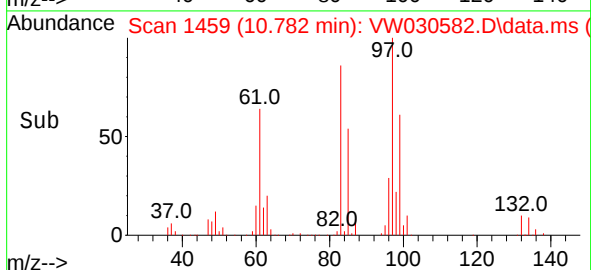
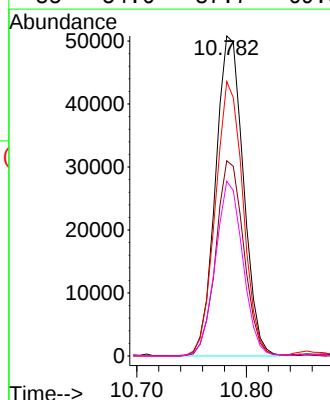
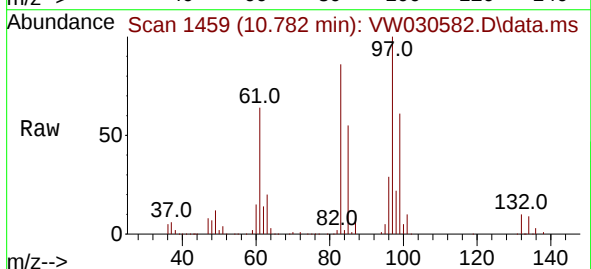
Ion Ratio Lower Upper

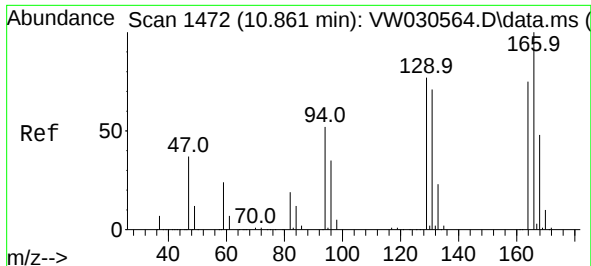
97 100

99 61.0 41.2 76.6

83 85.8 59.6 110.6

85 54.6 37.7 69.9





#46

Tetrachloroethene

Concen: 8.840 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

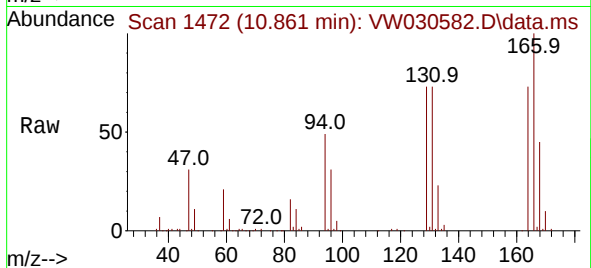
Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 41545

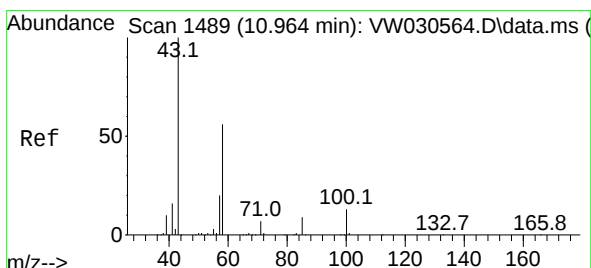
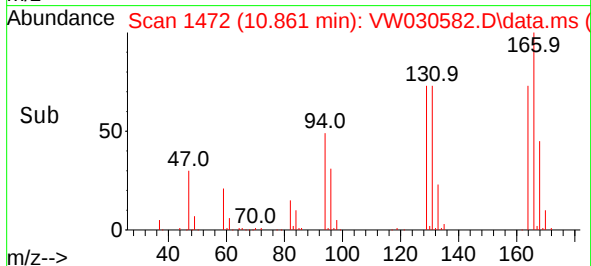
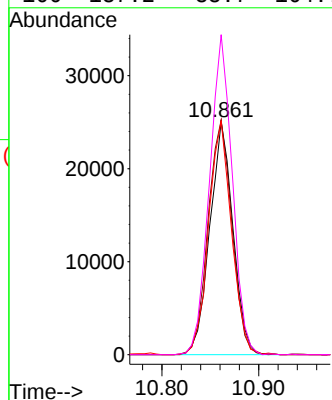
Ion Ratio Lower Upper

164 100

129 100.6 66.6 123.6

131 100.2 63.7 118.3

166 137.2 88.7 164.7



#48

2-Hexanone

Concen: 38.174 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Tgt Ion: 43 Resp: 85786

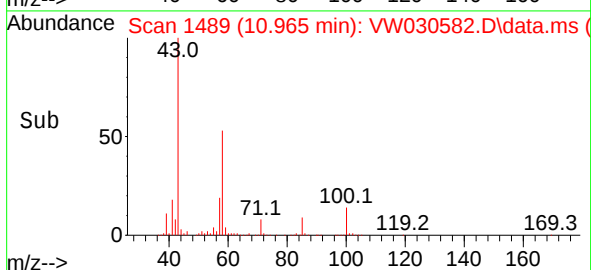
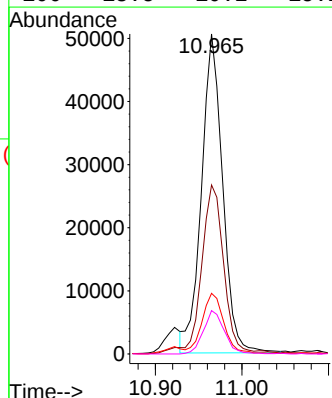
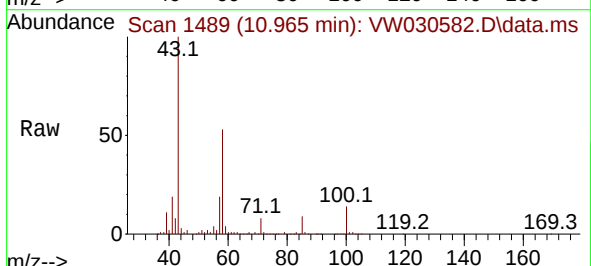
Ion Ratio Lower Upper

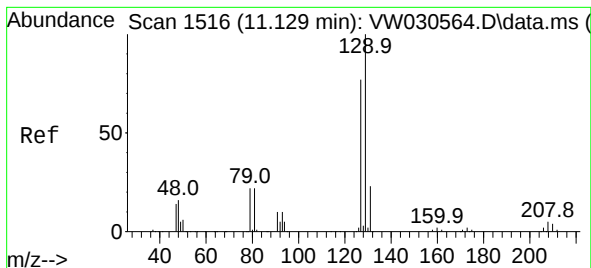
43 100

58 53.3 44.6 67.0

57 19.4 15.8 23.8

100 13.5 10.2 15.2





#49

Dibromochloromethane

Concen: 20.792 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

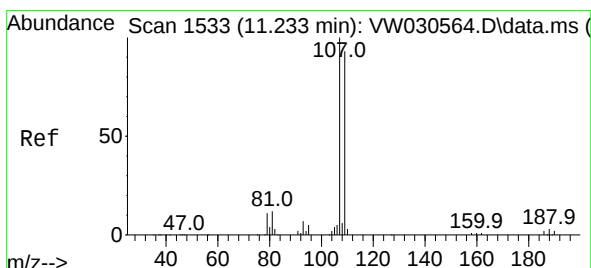
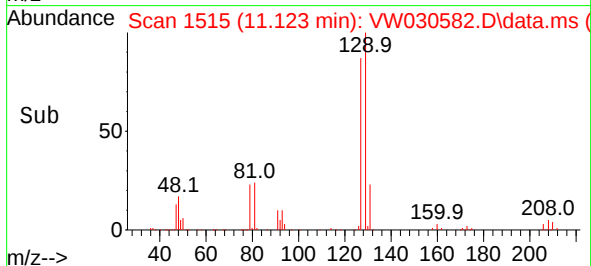
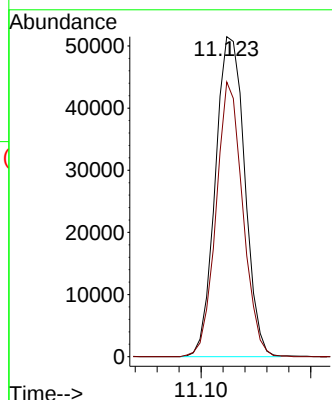
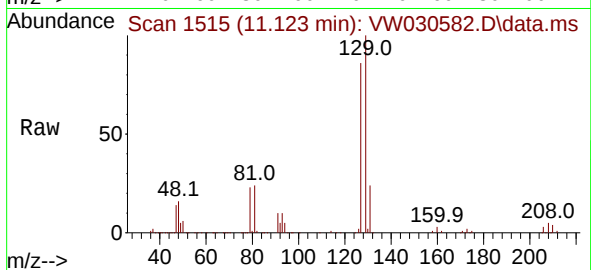
ClientSampleId :

Tgt Ion:129 Resp: 95910

Ion Ratio Lower Upper

129 100

127 85.8 56.5 104.9



#50

1,2-Dibromoethane

Concen: 21.130 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

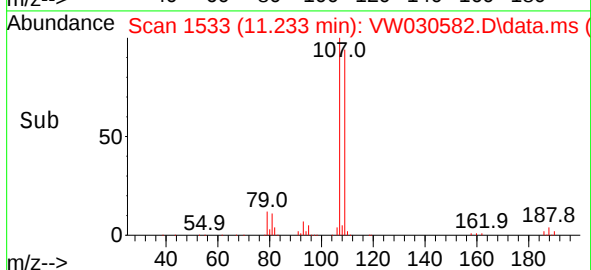
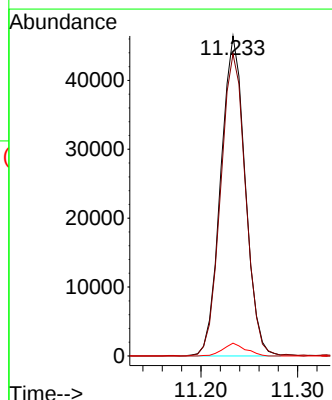
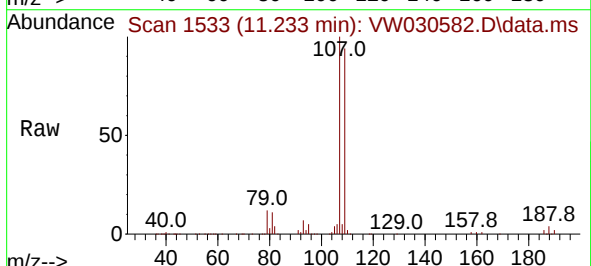
Tgt Ion:107 Resp: 81511

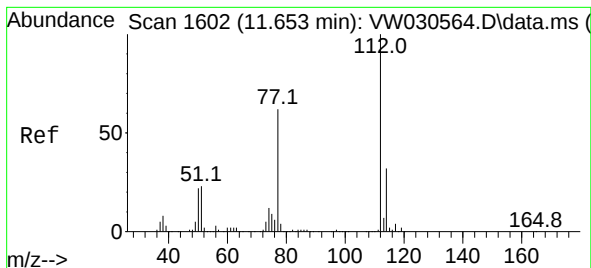
Ion Ratio Lower Upper

107 100

109 94.4 63.8 118.6

188 4.2 2.6 3.8#

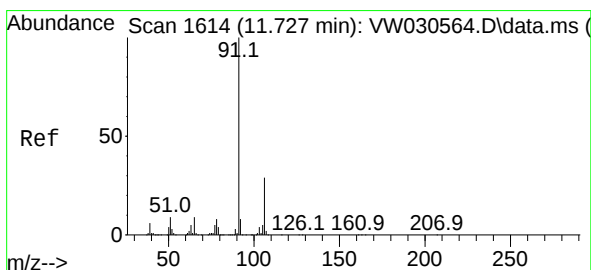
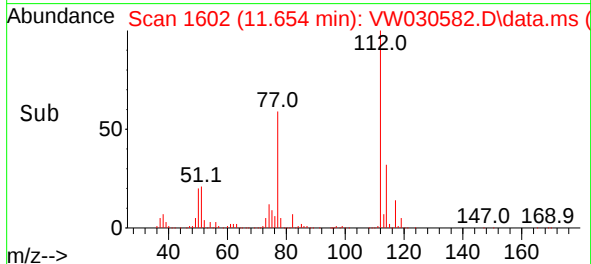
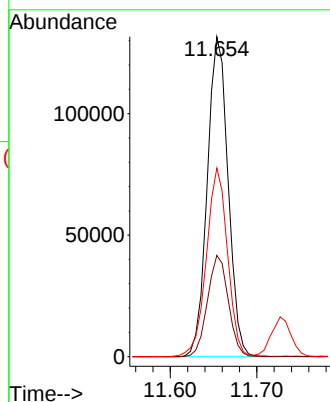
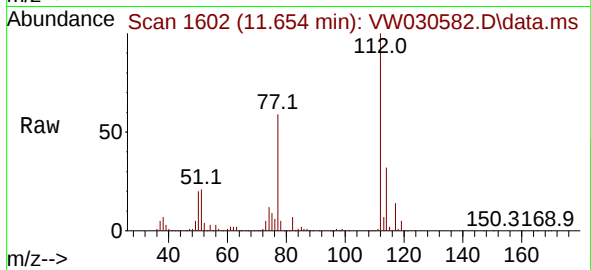




#51
Chlorobenzene
Concen: 13.970 ug/L
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030582.D
Acq: 12 Oct 2024 05:38

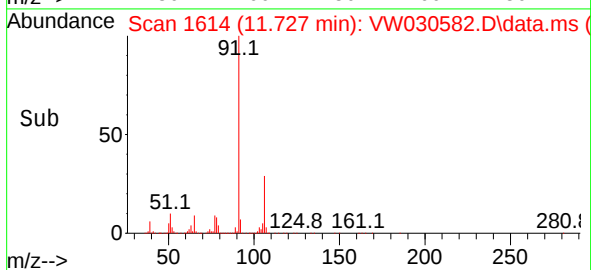
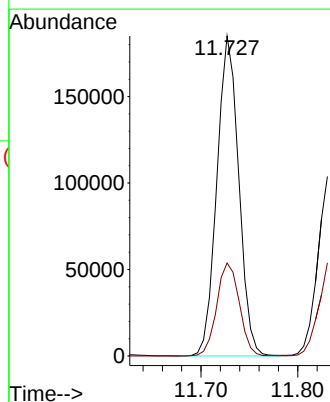
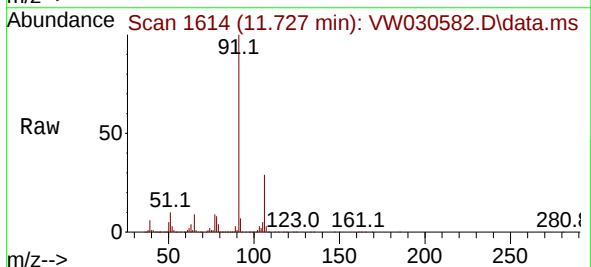
Instrument :
MSVOA_W
ClientSampleId :

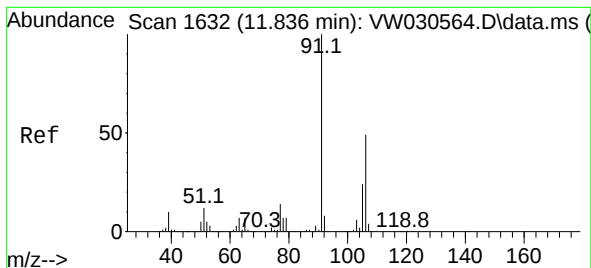
Tgt Ion:112 Resp: 219729
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 59.0 47.1 70.7



#52
Ethylbenzene
Concen: 10.415 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030582.D
Acq: 12 Oct 2024 05:38

Tgt Ion: 91 Resp: 290375
Ion Ratio Lower Upper
91 100
106 29.1 21.1 39.1





#53

m,p-Xylene

Concen: 10.148 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

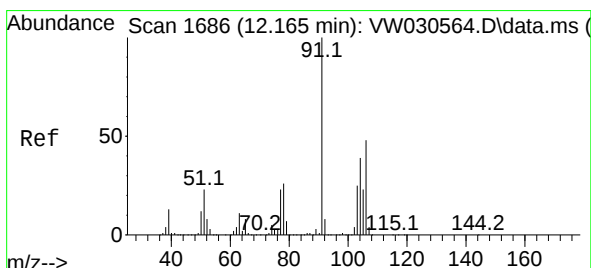
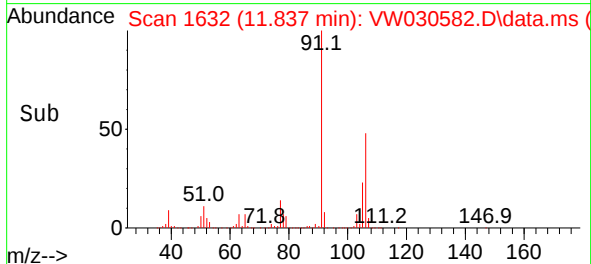
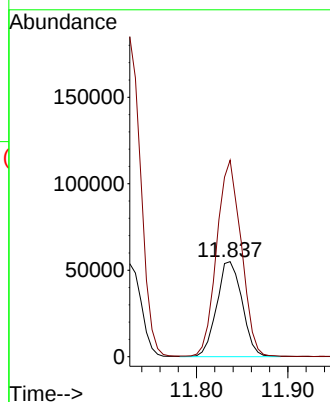
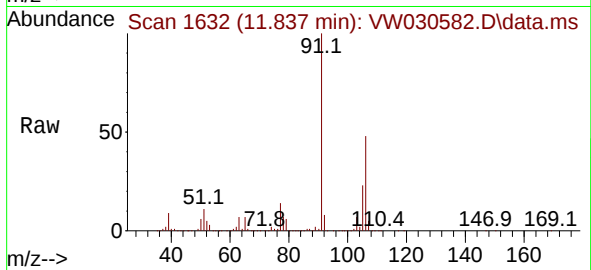
ClientSampleId :

Tgt Ion:106 Resp: 106001

Ion Ratio Lower Upper

106 100

91 206.8 140.6 261.2



#54

o-Xylene

Concen: 12.631 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW030582.D

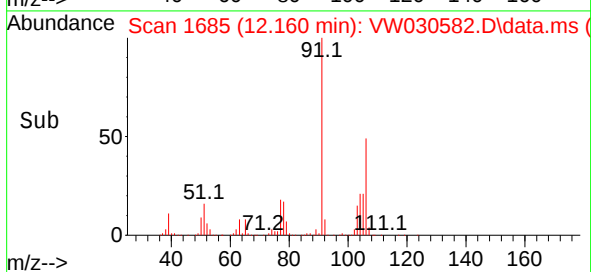
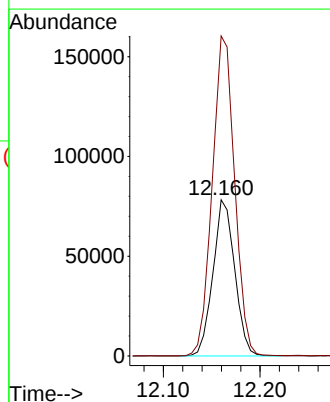
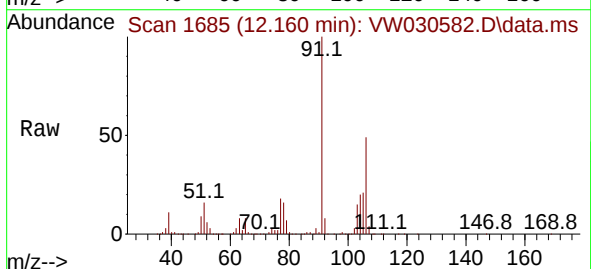
Acq: 12 Oct 2024 05:38

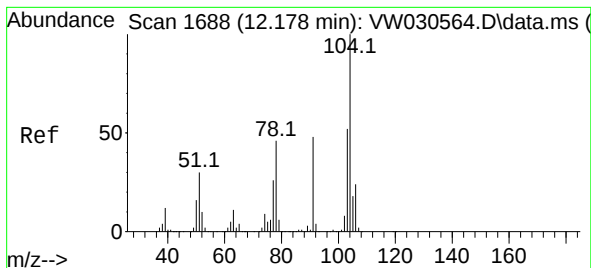
Tgt Ion:106 Resp: 121976

Ion Ratio Lower Upper

106 100

91 204.9 144.5 268.4





#55

Styrene

Concen: 12.892 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

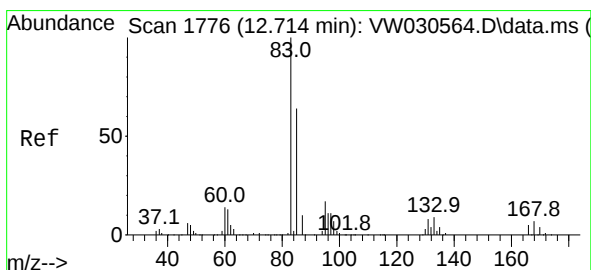
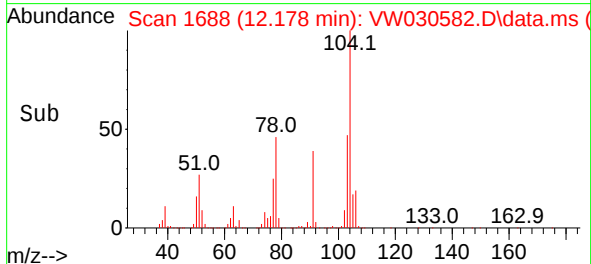
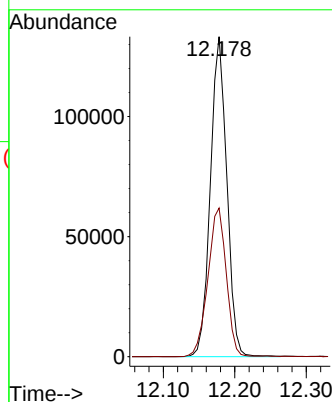
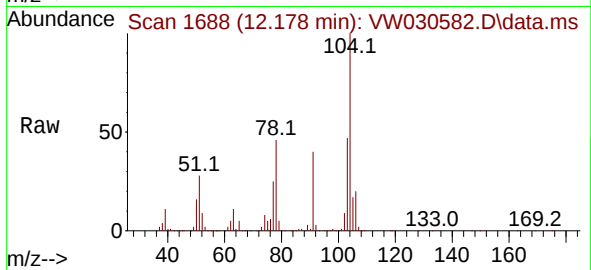
ClientSampleId :

Tgt Ion:104 Resp: 212826

Ion Ratio Lower Upper

104 100

78 46.5 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 22.226 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

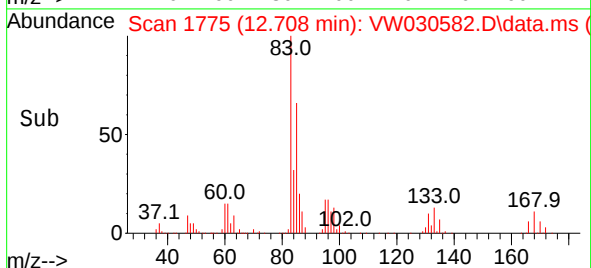
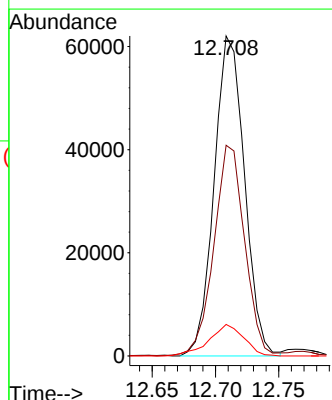
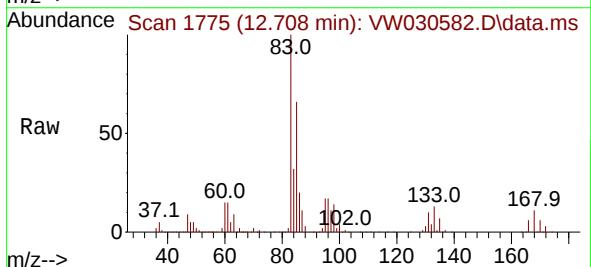
Tgt Ion: 83 Resp: 103619

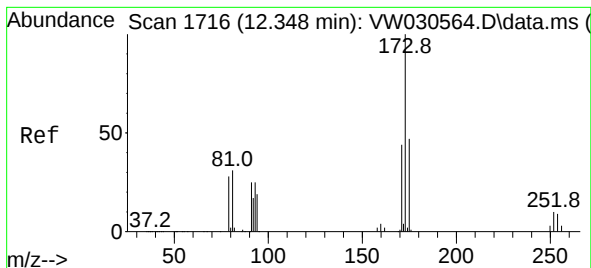
Ion Ratio Lower Upper

83 100

85 65.9 42.6 79.2

131 9.9 7.4 11.0





#59

Bromoform

Concen: 28.715 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

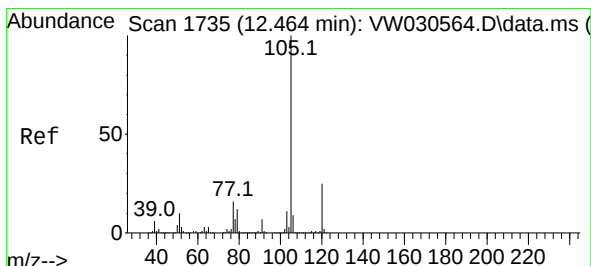
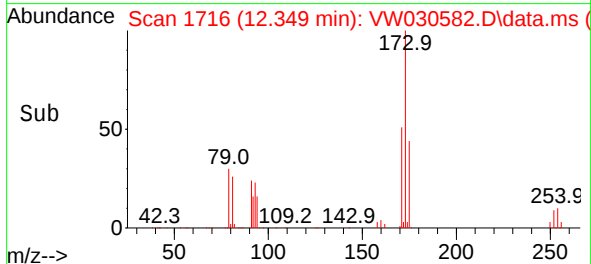
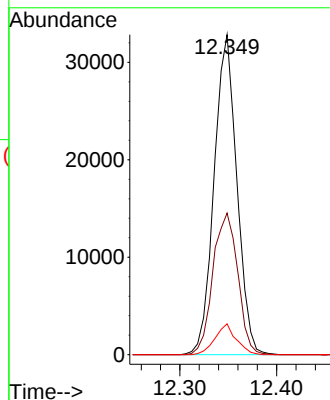
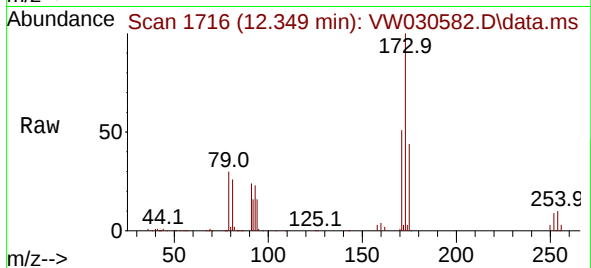
Tgt Ion:173 Resp: 53696

Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

254 8.9 7.7 11.5



#60

Isopropylbenzene

Concen: 10.389 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

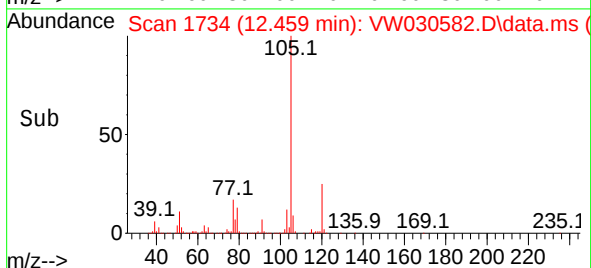
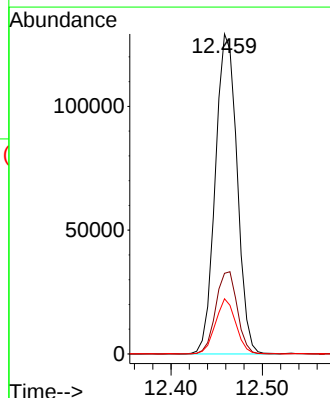
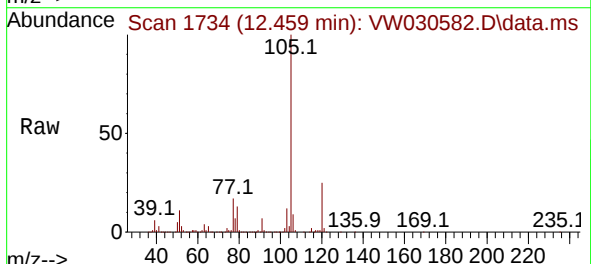
Tgt Ion:105 Resp: 214146

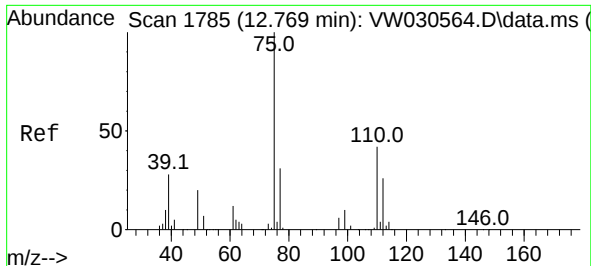
Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.1 13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 28.587 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030582.D

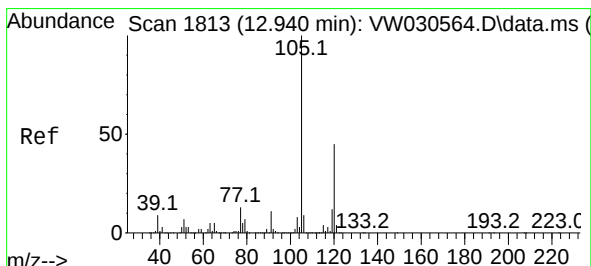
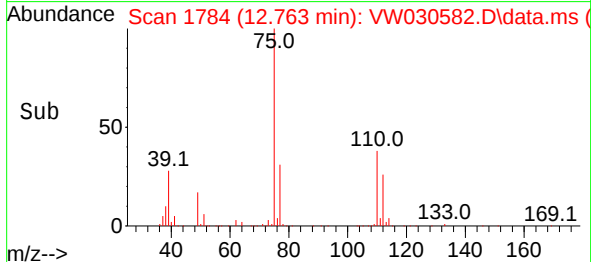
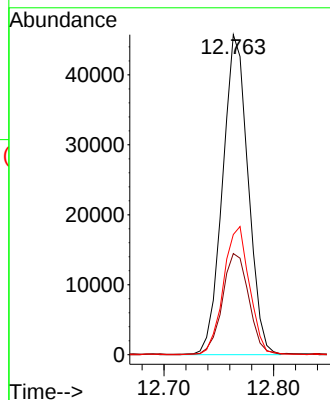
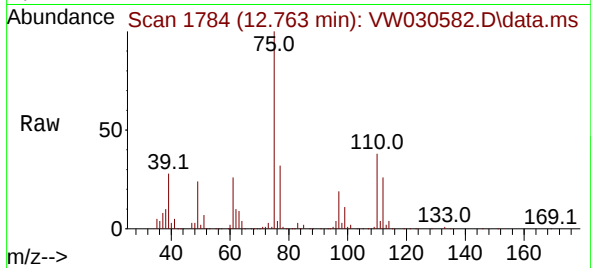
Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 74039
Ion Ratio	Lower Upper
75	100
77	32.3 25.7 38.5
110	40.7 32.3 48.5



#62

1,3,5-Trimethylbenzene

Concen: 10.778 ug/L

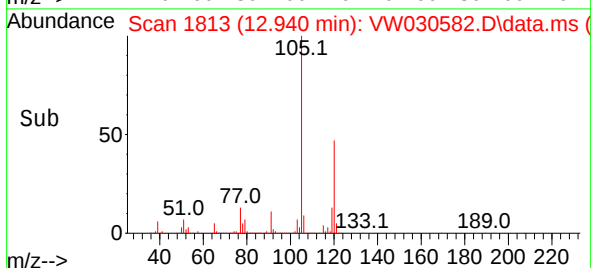
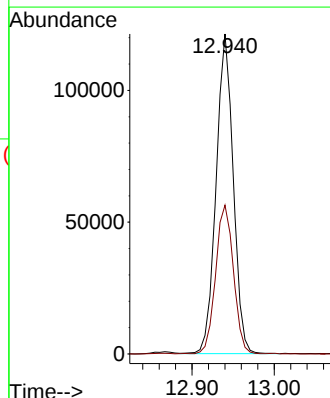
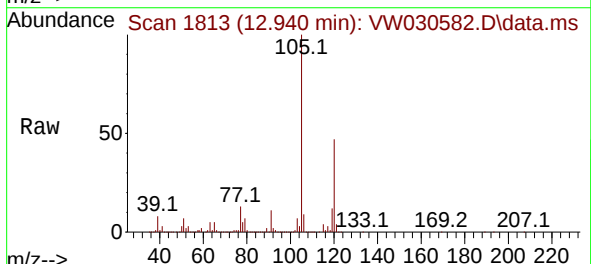
RT: 12.940 min Scan# 1813

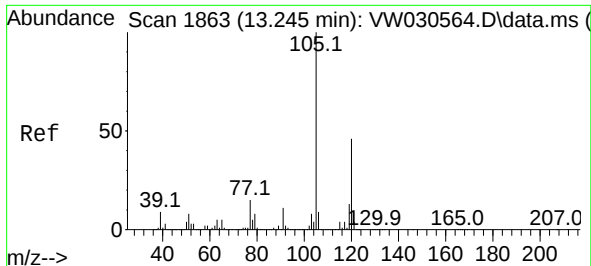
Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Tgt Ion: 105	Resp: 175262
Ion Ratio	Lower Upper
105	100
120	48.6 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 11.607 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

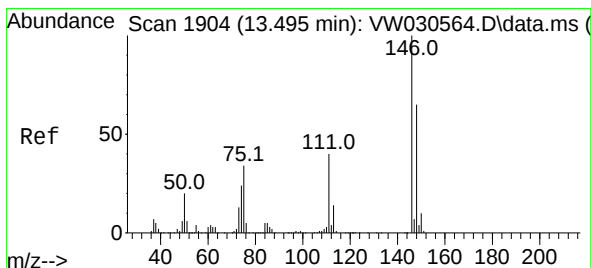
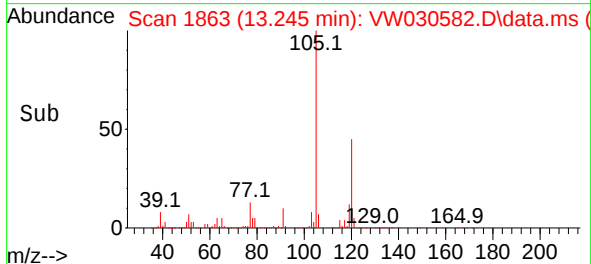
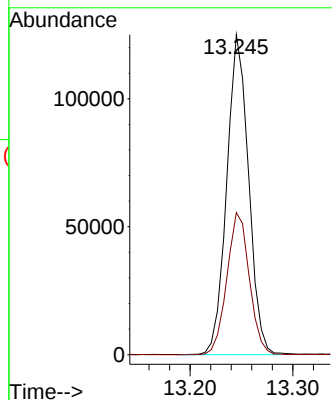
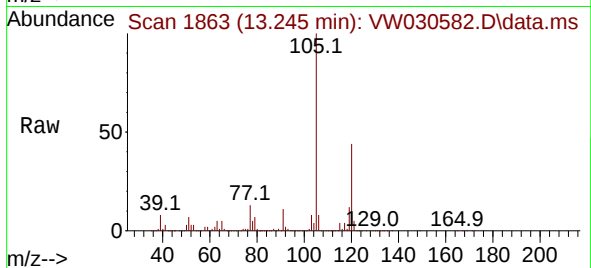
ClientSampleId :

Tgt Ion:105 Resp: 184799

Ion Ratio Lower Upper

105 100

120 45.6 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 13.828 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

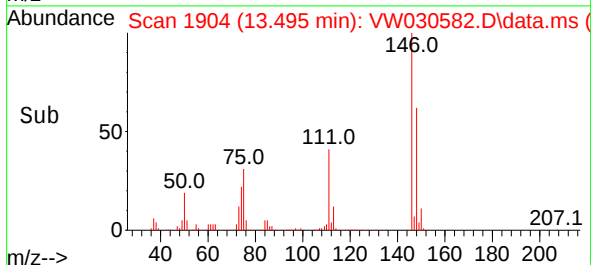
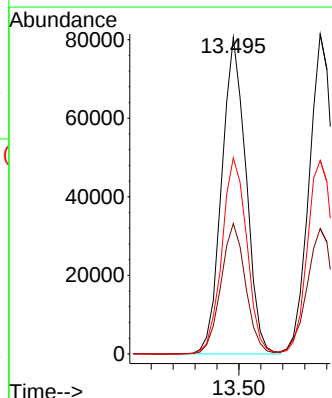
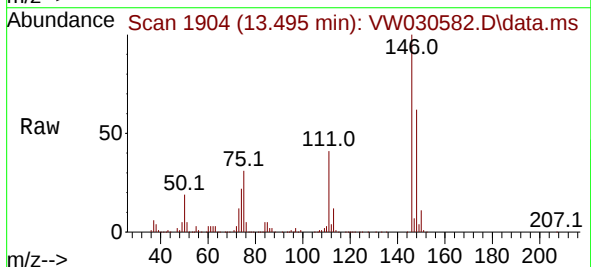
Tgt Ion:146 Resp: 124063

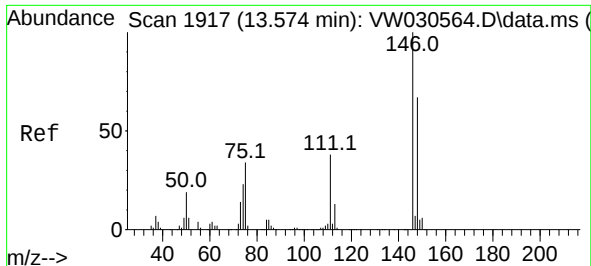
Ion Ratio Lower Upper

146 100

111 41.2 31.2 58.0

148 62.0 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 13.561 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

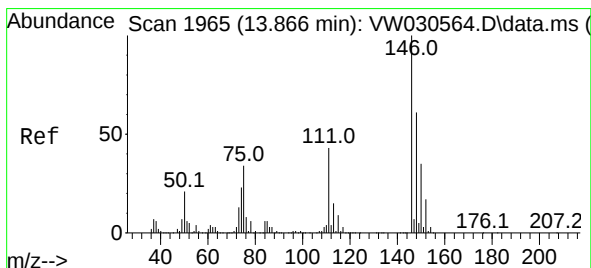
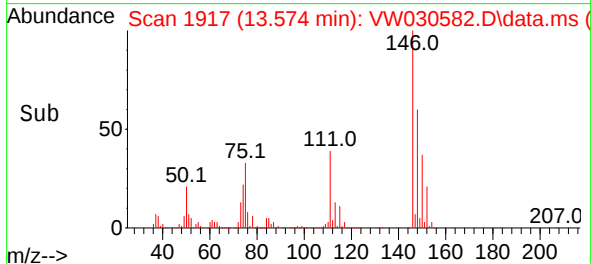
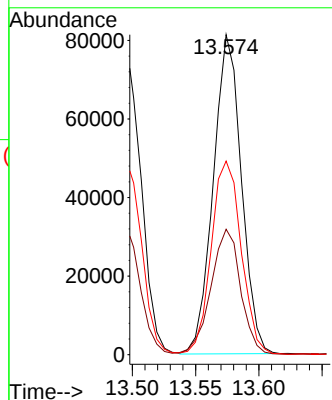
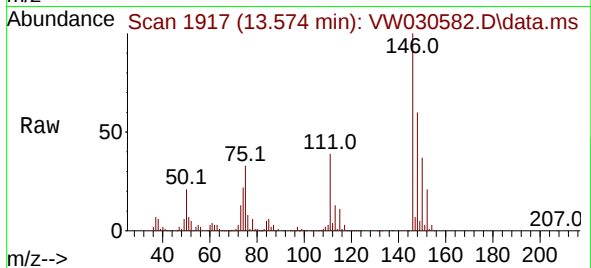
Tgt Ion:146 Resp: 125625

Ion Ratio Lower Upper

146 100

111 39.2 26.8 49.8

148 60.5 41.0 76.2



#67

1,2-Dichlorobenzene

Concen: 17.022 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

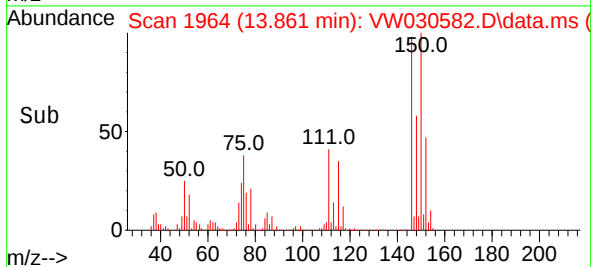
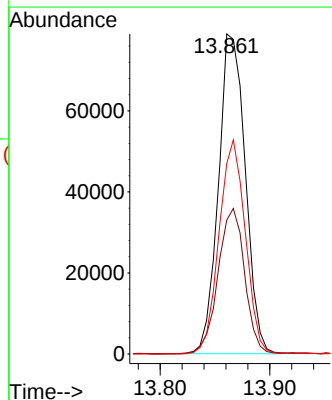
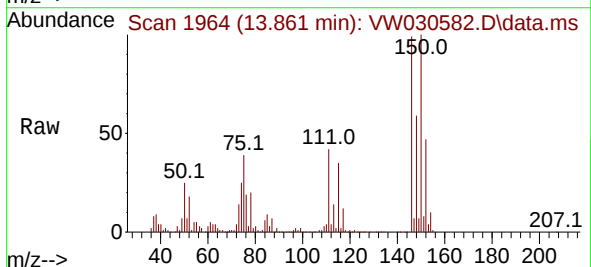
Tgt Ion:146 Resp: 134388

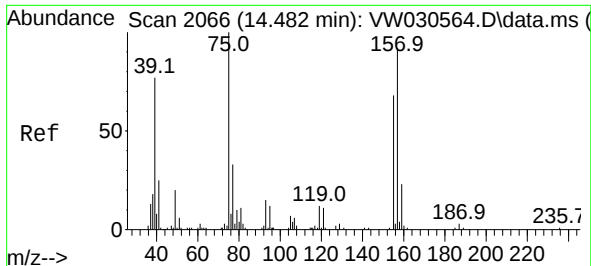
Ion Ratio Lower Upper

146 100

111 41.8 34.6 52.0

148 59.5 53.3 79.9





#68

1,2-Dibromo-3-chloropropane

Concen: 28.490 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

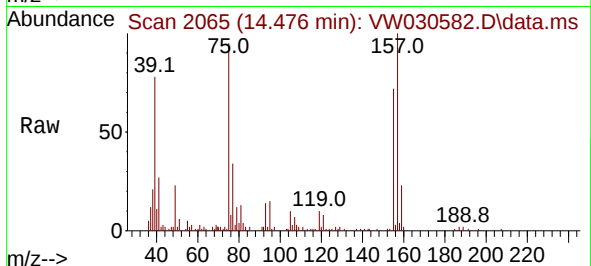
Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :



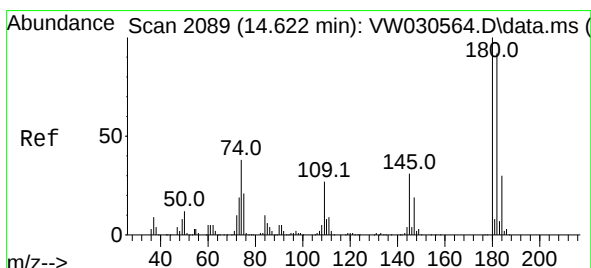
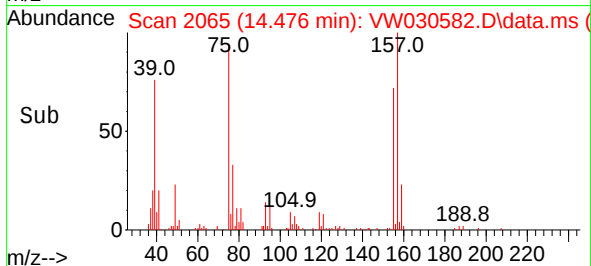
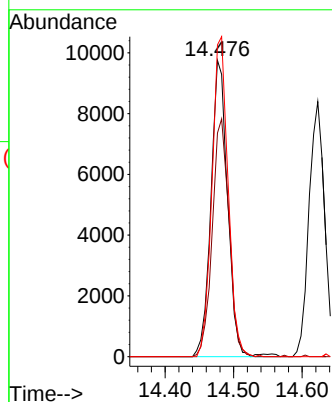
Tgt Ion: 75 Resp: 16453

Ion Ratio Lower Upper

75 100

155 75.5 57.9 86.9

157 105.3 69.0 103.6#



#69

1,3,5-Trichlorobenzene

Concen: 11.205 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Tgt Ion:180 Resp: 66293

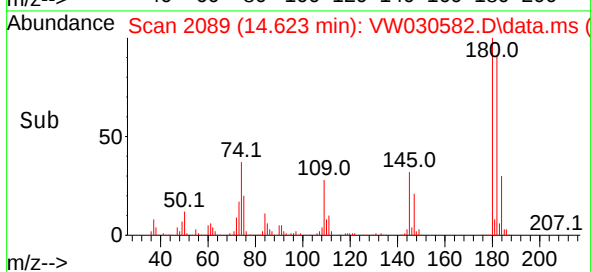
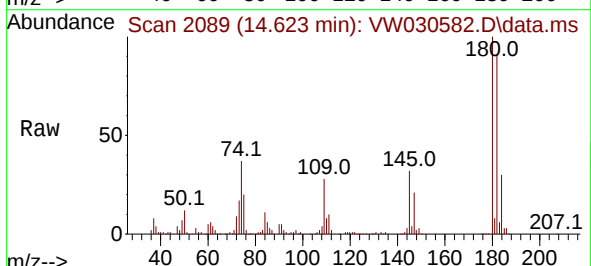
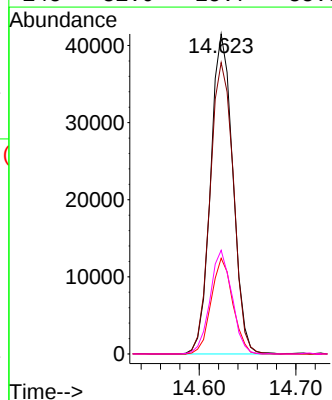
Ion Ratio Lower Upper

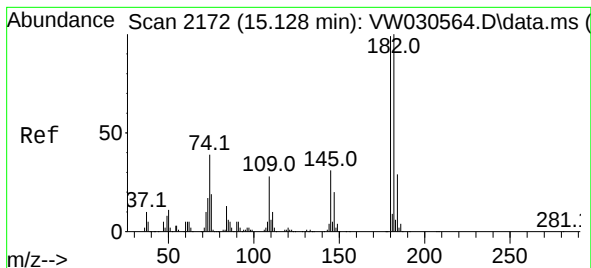
180 100

182 95.2 79.9 119.9

184 29.0 25.2 37.8

145 31.9 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 14.532 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

Instrument :

MSVOA_W

ClientSampleId :

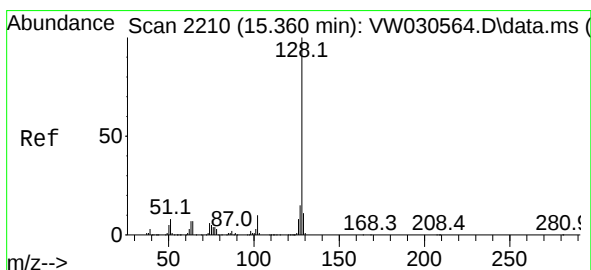
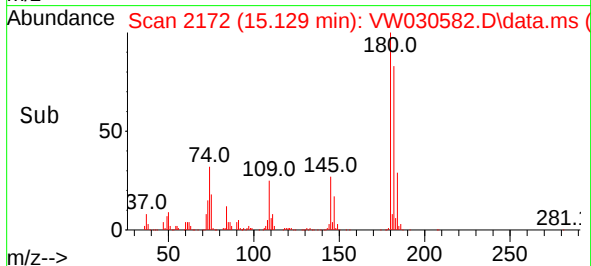
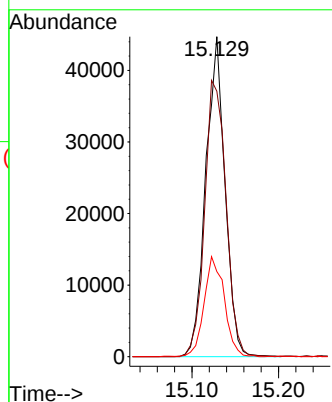
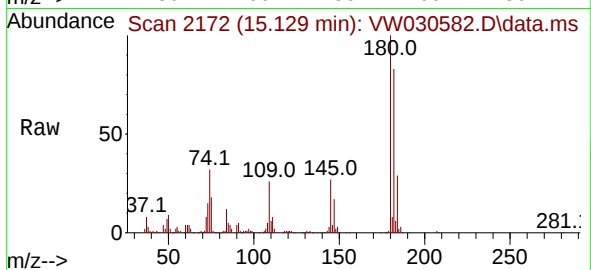
Tgt Ion:180 Resp: 69215

Ion Ratio Lower Upper

180 100

182 95.7 75.2 112.8

145 32.4 25.4 38.2



#71

Naphthalene

Concen: 27.434 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW030582.D

Acq: 12 Oct 2024 05:38

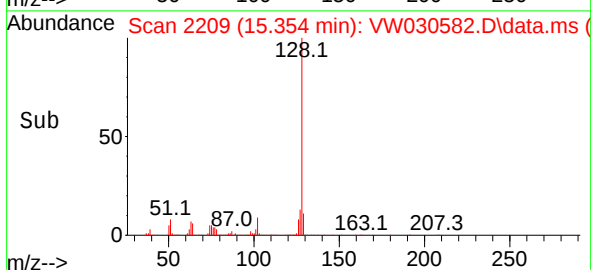
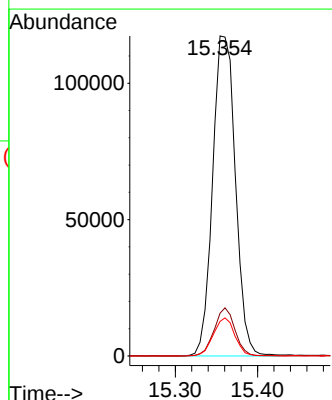
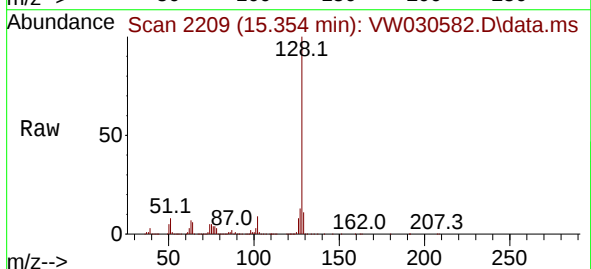
Tgt Ion:128 Resp: 225745

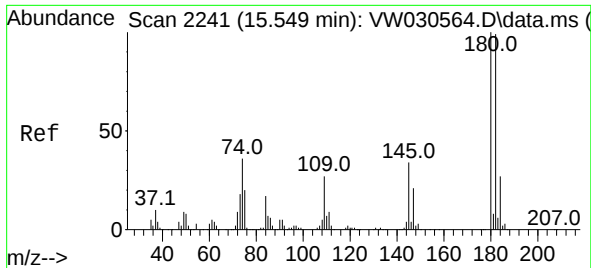
Ion Ratio Lower Upper

128 100

127 13.8 10.9 16.3

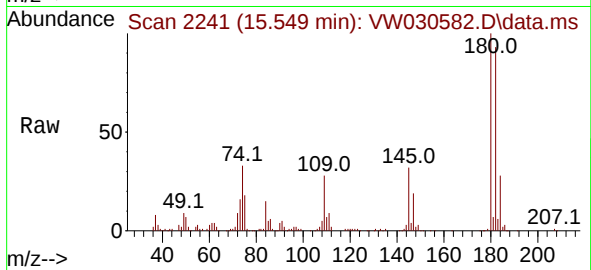
129 11.3 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 16.903 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030582.D
 Acq: 12 Oct 2024 05:38

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180	Resp:	69793
Ion	Ratio	Lower Upper
180	100	
182	101.8	76.2 114.4
145	35.0	27.4 41.2

