

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030579.D
 Acq On : 12 Oct 2024 04:26
 Operator : SY/MD
 Sample : P4361-09MS
 Misc : 2.84g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 04:52:03 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	517918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	384389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132831	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166543	20.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.840%
7) Chloroethane-d5	2.893	69	143901	23.352	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	4.021	65	64739	19.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.480%
21) 2-Butanone-d5	7.081	46	53259	36.353	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.700%
24) Chloroform-d	7.648	84	298926	20.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	8.307	65	155190	20.149	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	8.276	84	568330	25.474	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.880%
36) 1,2-Dichloropropane-d6	9.270	67	164219	25.079	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	10.319	98	482271	23.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.575	79	58298	21.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.040%
47) 2-Hexanone-d5	10.922	63	46449	55.074	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114026	23.711	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	107000	23.807	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	95462	14.427	ug/L	96
3) Chloromethane	2.223	50	112648	14.647	ug/L	99
5) Vinyl chloride	2.375	62	140675	14.874	ug/L	99
6) Bromomethane	2.789	94	97277	15.626	ug/L	92
8) Chloroethane	2.936	64	93697	16.206	ug/L	99
9) Trichlorofluoromethane	3.265	101	113434	13.404	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	104116	13.675	ug/L	98
13) Acetone	4.137	43	43347	20.210	ug/L	95
14) Carbon disulfide	4.393	76	233765	10.302	ug/L	98
15) Methyl Acetate	4.679	43	38900	14.682	ug/L	97
16) Methylene chloride	4.917	84	114030	14.564	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	105168	14.026	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	174513	16.630	ug/L	98
19) 1,1-Dichloroethane	6.216	63	201571	14.464	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	118201	14.780	ug/L	96
22) 2-Butanone	7.179	43	59520	25.744	ug/L	99
23) Bromochloromethane	7.514	128	52120	14.897	ug/L	93
25) Chloroform	7.673	83	211699	14.215	ug/L	98
27) 1,2-Dichloroethane	8.398	62	134652	13.705	ug/L	99

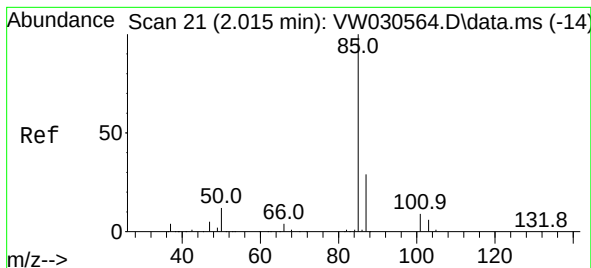
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
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Quant Time: Oct 14 04:52:03 2024
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 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	156768	16.754	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	173766	17.029	ug/L	97
31) Carbon tetrachloride	8.069	117	144487	15.854	ug/L	99
33) Benzene	8.319	78	433690	17.338	ug/L	100
34) Trichloroethene	9.093	95	110174	15.832	ug/L	95
35) Methylcyclohexane	9.337	83	168499	15.385	ug/L	97
37) 1,2-Dichloropropane	9.368	63	106497	17.047	ug/L	99
38) Bromodichloromethane	9.642	83	123976	14.915	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	143320	15.209	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	116661	38.870	ug/L	98
42) Toluene	10.386	91	426301	15.974	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	116153	14.668	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	75473	16.715	ug/L	96
46) Tetrachloroethene	10.861	164	71937	14.015	ug/L	96
48) 2-Hexanone	10.965	43	80561	32.823	ug/L	99
49) Dibromochloromethane	11.129	129	74624	14.812	ug/L	87
50) 1,2-Dibromoethane	11.233	107	71362	16.938	ug/L	96
51) Chlorobenzene	11.654	112	235106	13.686	ug/L	98
52) Ethylbenzene	11.727	91	424960	13.956	ug/L	99
53) m,p-Xylene	11.831	106	151167	13.251	ug/L	95
54) o-Xylene	12.160	106	149639	14.188	ug/L	85
55) Styrene	12.178	104	227978	12.644	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	80847	15.878	ug/L	97
59) Bromoform	12.349	173	40151	21.514	ug/L	96
60) Isopropylbenzene	12.458	105	385505	18.741	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60600	23.445	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	279318	17.211	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	271489	17.086	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	135005	15.078	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	132752	14.359	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	121127	15.373	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12213	21.191	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	64601	10.941	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	51277	10.788	ug/L	96
71) Naphthalene	15.360	128	149522	18.207	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	43209	10.486	ug/L	96

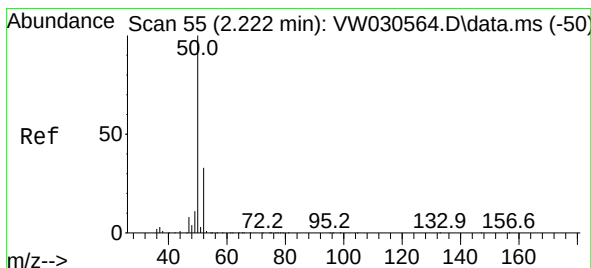
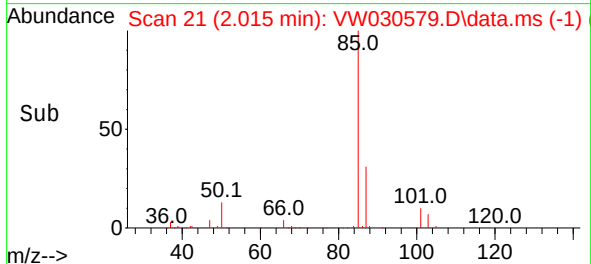
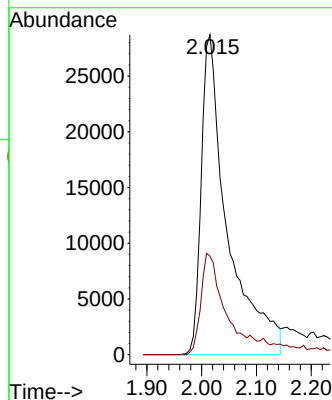
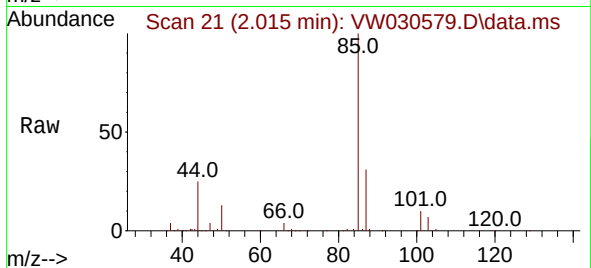
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 14.427 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

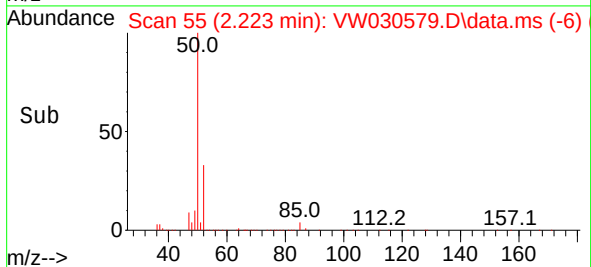
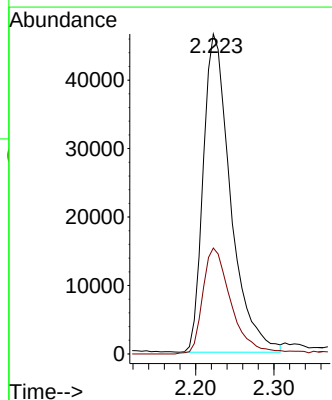
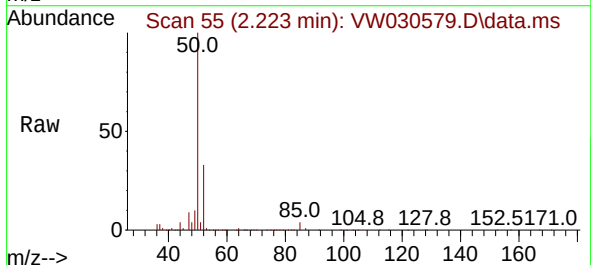
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MSVOA_W
ClientSampleId :

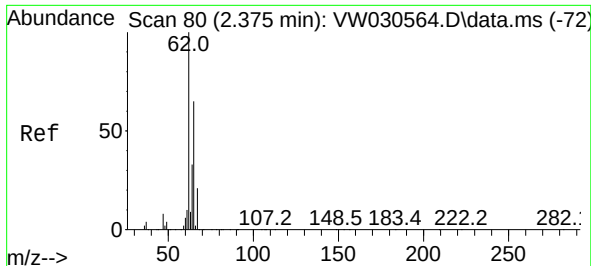
Tgt Ion: 85 Resp: 95462
Ion Ratio Lower Upper
85 100
87 27.6 23.8 35.6



#3
Chloromethane
Concen: 14.647 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

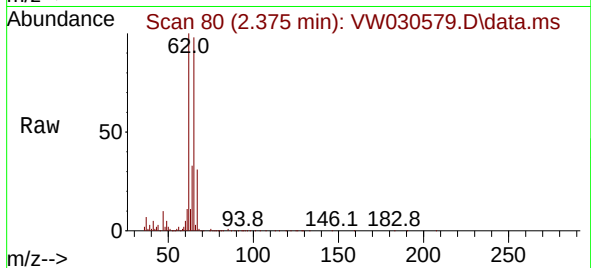
Tgt Ion: 50 Resp: 112648
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9



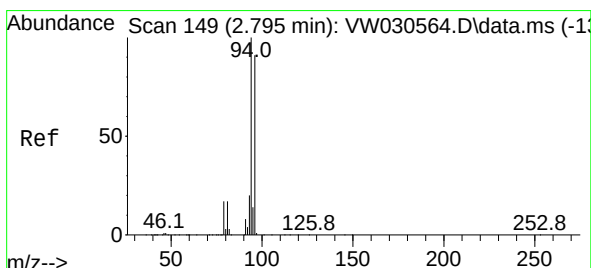
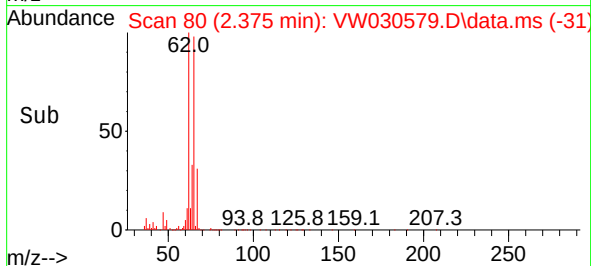
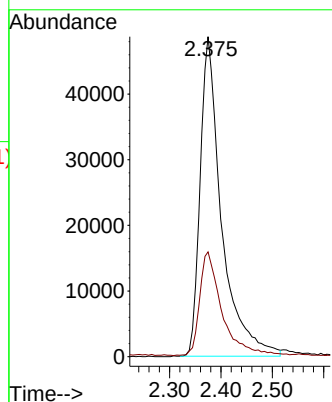


#5
 Vinyl chloride
 Concen: 14.874 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030579.D
 Acq: 12 Oct 2024 04:26

Instrument :
 MSVOA_W
 ClientSampleId :

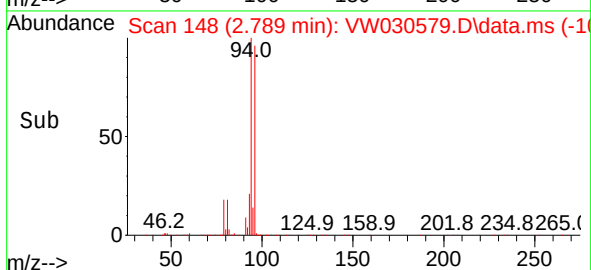
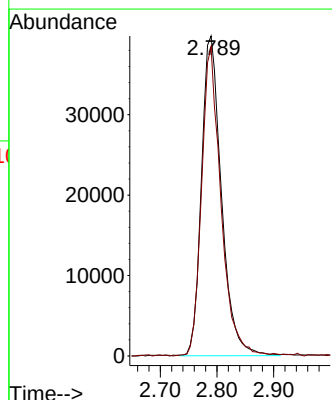
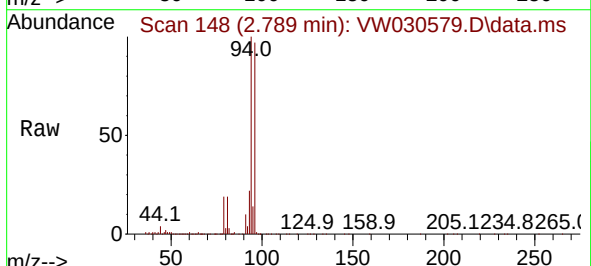


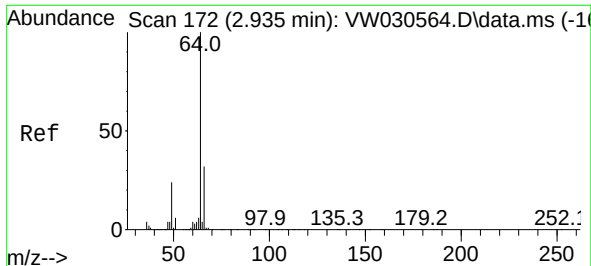
Tgt Ion: 62 Resp: 140675
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.6 42.0



#6
 Bromomethane
 Concen: 15.626 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030579.D
 Acq: 12 Oct 2024 04:26

Tgt Ion: 94 Resp: 97277
 Ion Ratio Lower Upper
 94 100
 96 96.6 62.6 116.2

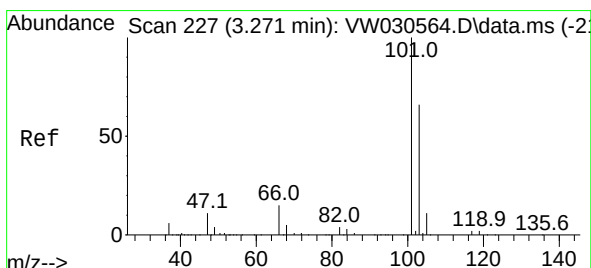
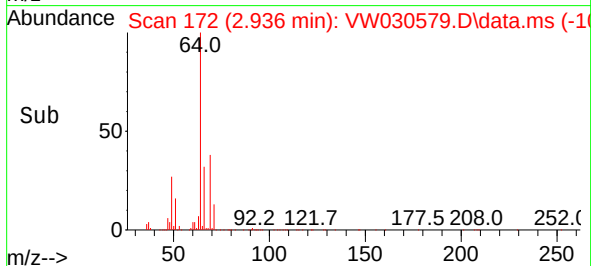
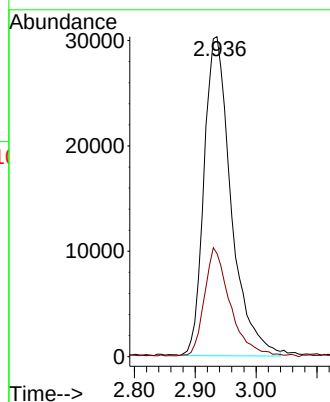
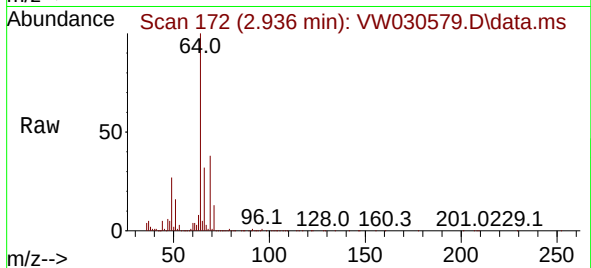




#8
Chloroethane
Concen: 16.206 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

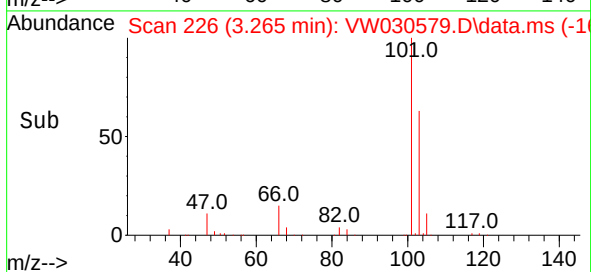
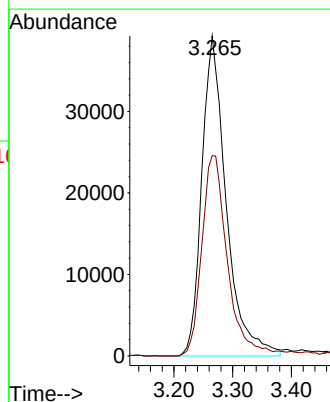
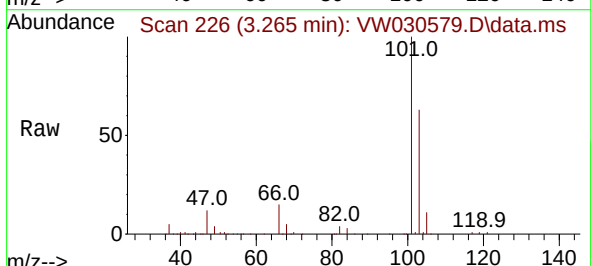
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MSVOA_W
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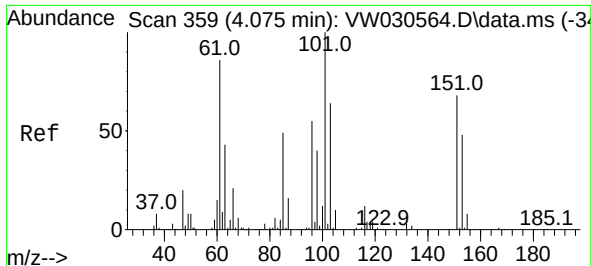
Tgt Ion: 64 Resp: 93697
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 13.404 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

Tgt Ion:101 Resp: 113434
Ion Ratio Lower Upper
101 100
103 65.1 51.1 76.7





#10

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

Concen: 13.675 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

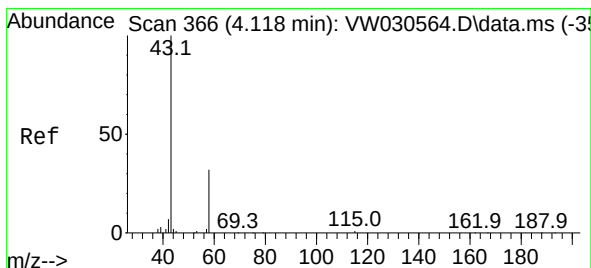
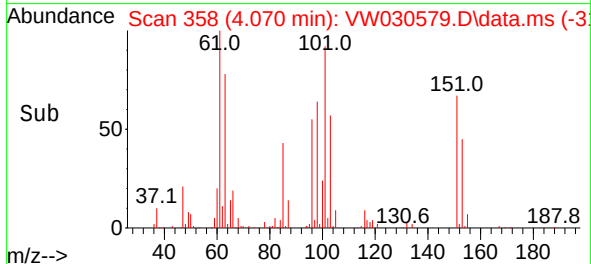
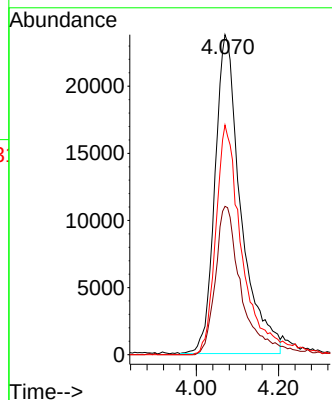
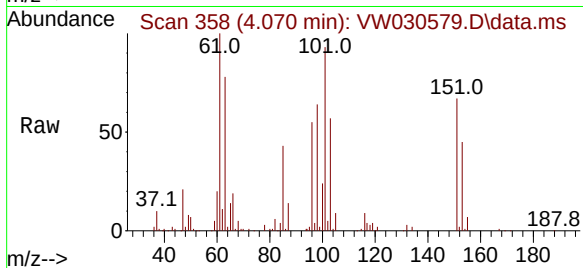
Tgt Ion:101 Resp: 104116

Ion Ratio Lower Upper

101 100

85 47.1 35.7 53.5

151 71.3 56.1 84.1



#13

Acetone

Concen: 20.210 ug/L

RT: 4.137 min Scan# 369

Delta R.T. 0.019 min

Lab File: VW030579.D

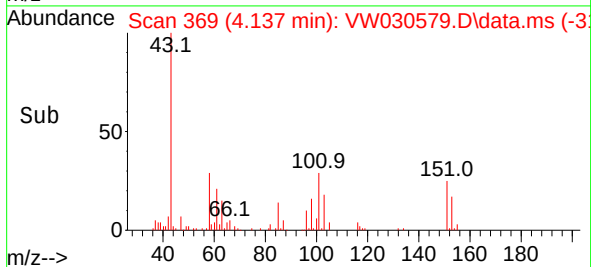
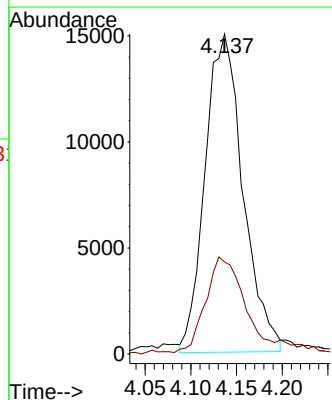
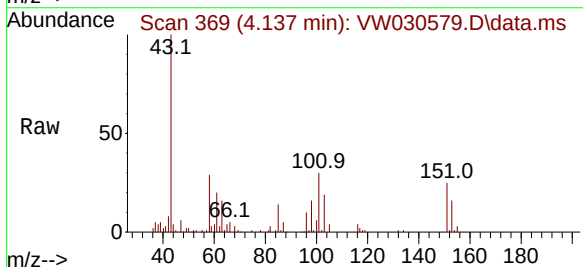
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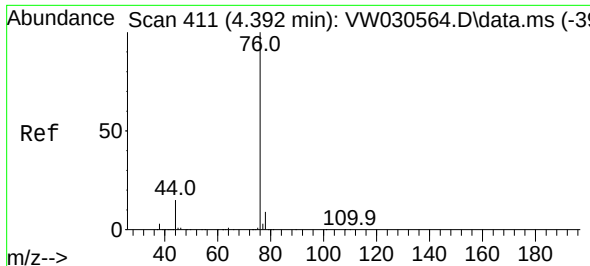
Tgt Ion: 43 Resp: 43347

Ion Ratio Lower Upper

43 100

58 31.2 0.0 57.6

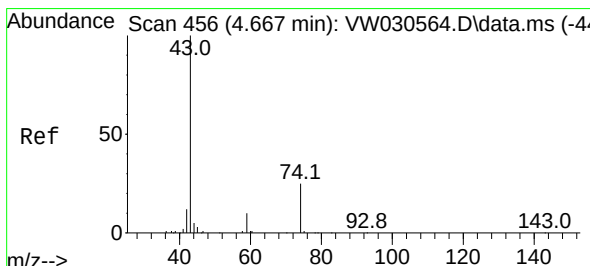
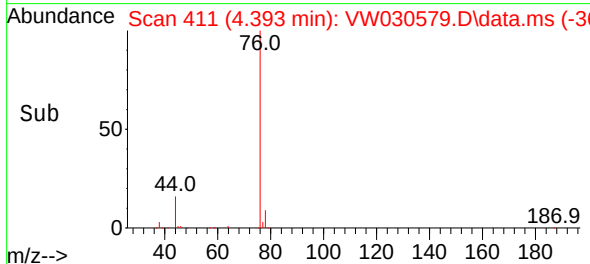
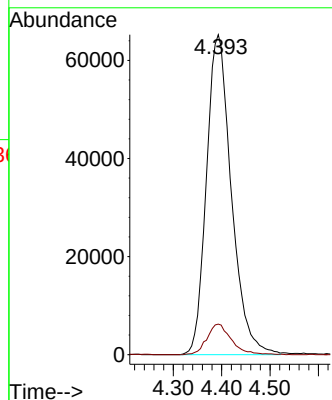
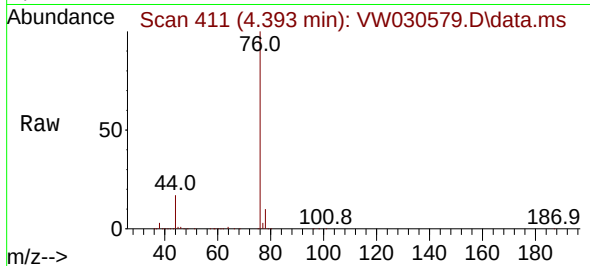




#14
Carbon disulfide
Concen: 10.302 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

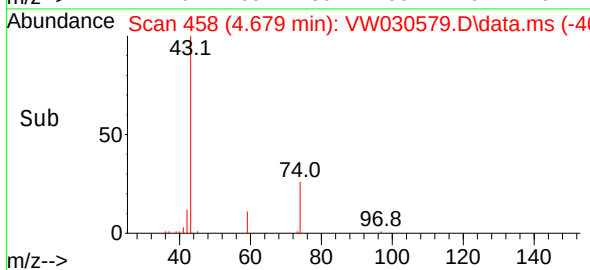
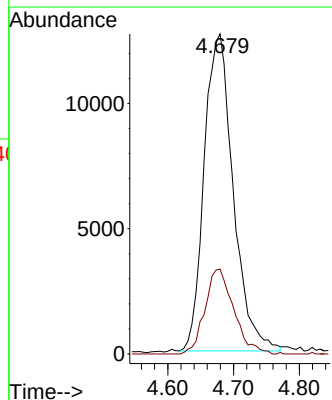
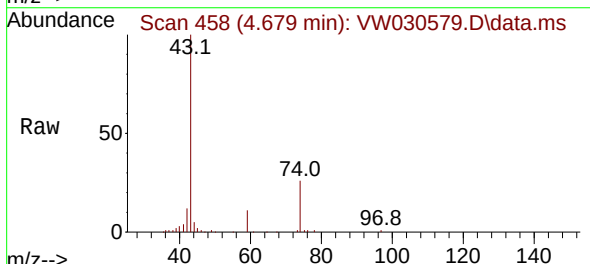
Instrument :
MSVOA_W
ClientSampleId :

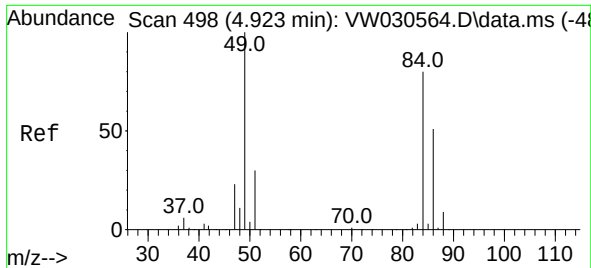
Tgt Ion: 76 Resp: 233765
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#15
Methyl Acetate
Concen: 14.682 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.013 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

Tgt Ion: 43 Resp: 38900
Ion Ratio Lower Upper
43 100
74 25.4 19.3 28.9

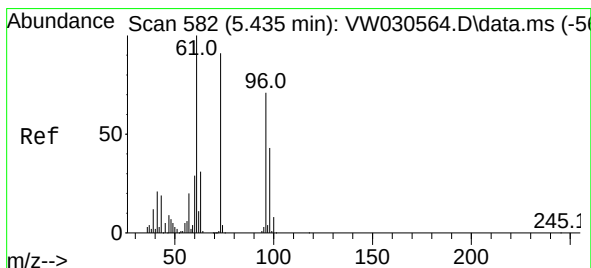
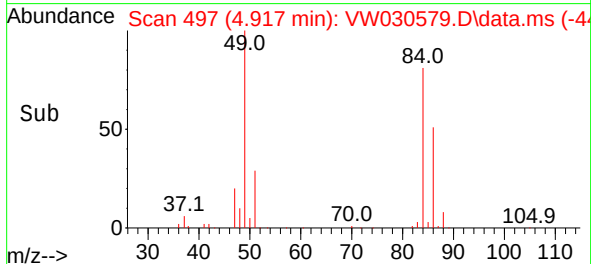
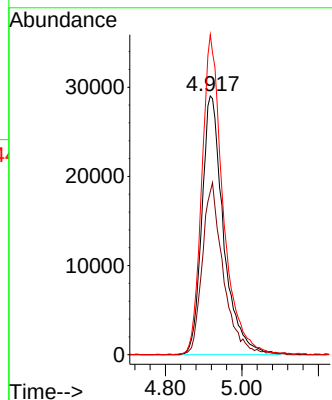
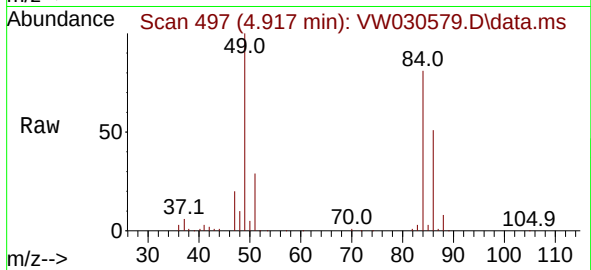




#16
Methylene chloride
Concen: 14.564 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

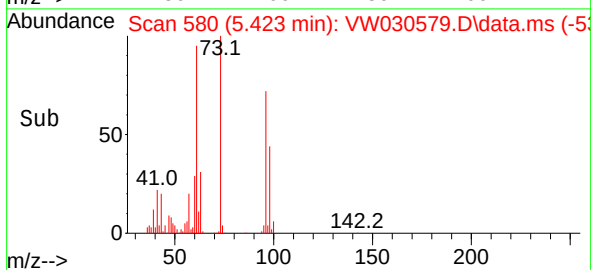
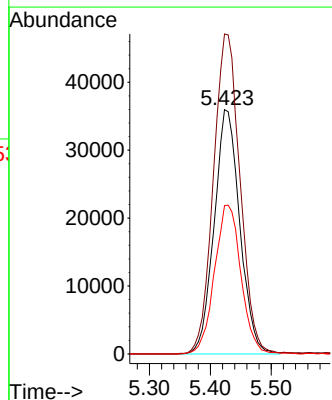
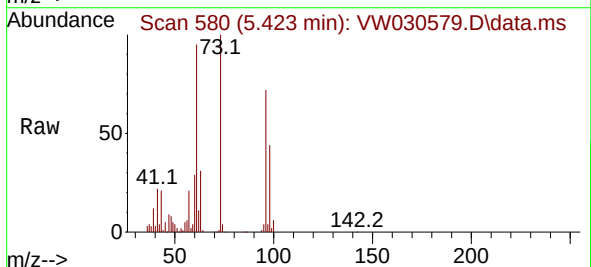
Instrument :
MSVOA_W
ClientSampleId :

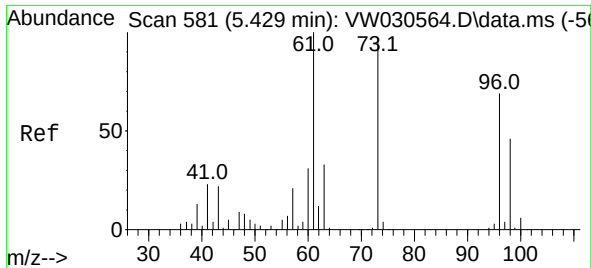
Tgt Ion: 84 Resp: 114030
Ion Ratio Lower Upper
84 100
86 62.9 43.8 81.3
49 123.7 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 14.026 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

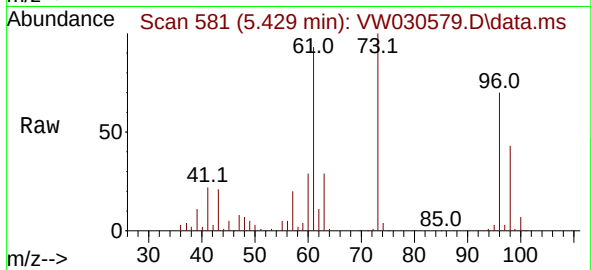
Tgt Ion: 96 Resp: 105168
Ion Ratio Lower Upper
96 100
61 131.0 96.9 179.9
98 60.7 42.2 78.4



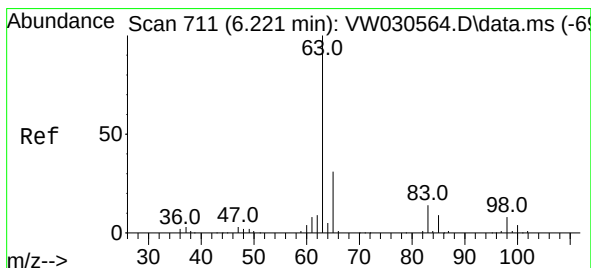
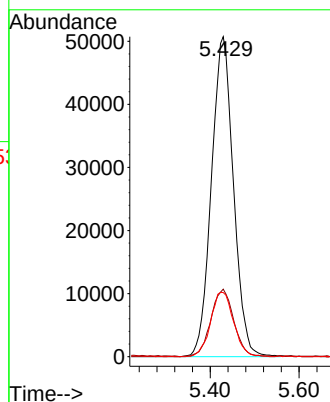
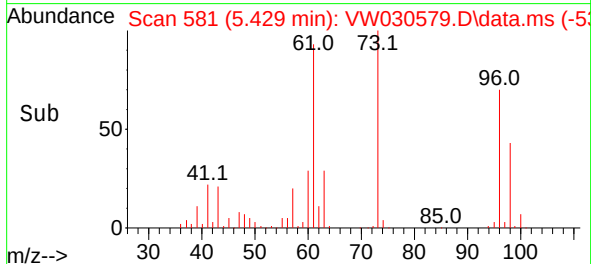


#18
Methyl tert-butyl Ether
Concen: 16.630 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

Instrument :
MSVOA_W
ClientSampleId :

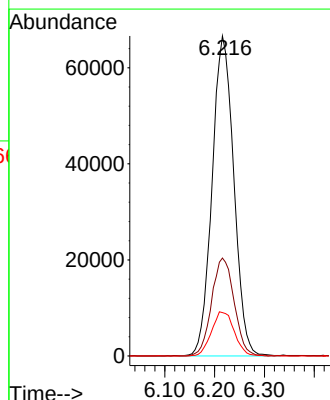
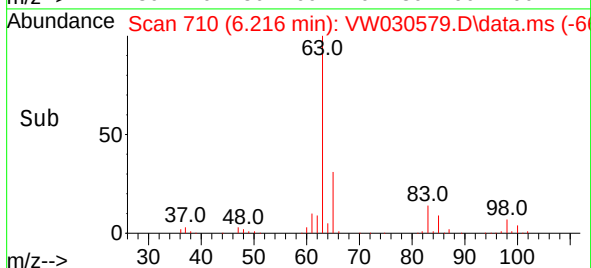
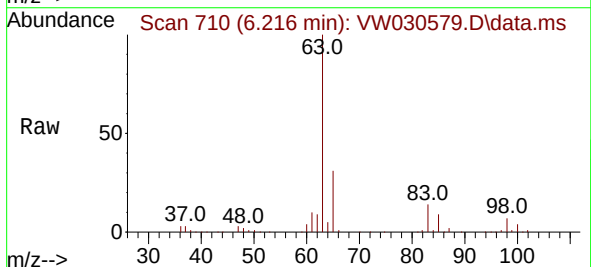


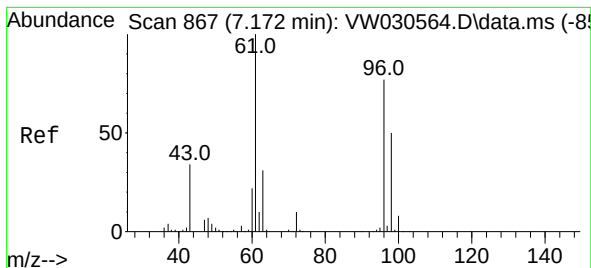
Tgt Ion: 73 Resp: 174513
Ion Ratio Lower Upper
73 100
43 22.0 18.1 27.1
57 21.0 17.7 26.5



#19
1,1-Dichloroethane
Concen: 14.464 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

Tgt Ion: 63 Resp: 201571
Ion Ratio Lower Upper
63 100
65 30.6 22.5 41.9
83 13.6 9.8 18.2





#20

cis-1,2-Dichloroethene

Concen: 14.780 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

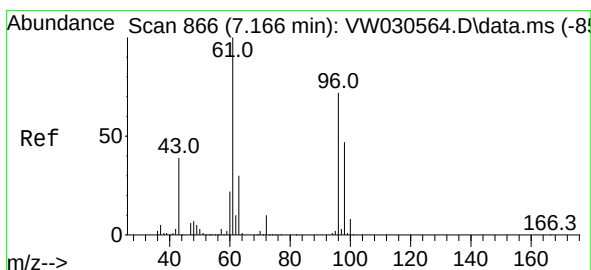
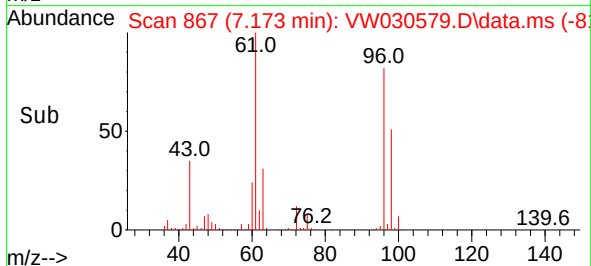
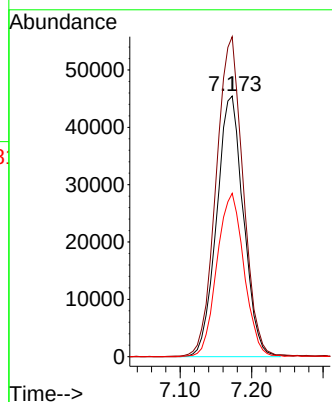
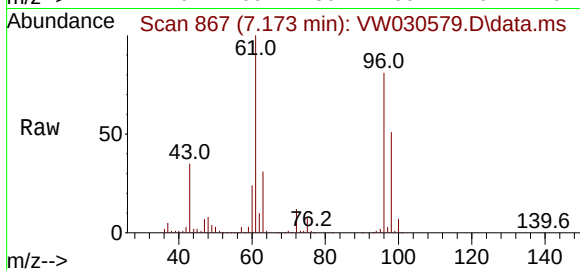
Tgt Ion: 96 Resp: 118201

Ion Ratio Lower Upper

96 100

61 122.8 88.3 163.9

98 62.7 41.3 76.7



#22

2-Butanone

Concen: 25.744 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.013 min

Lab File: VW030579.D

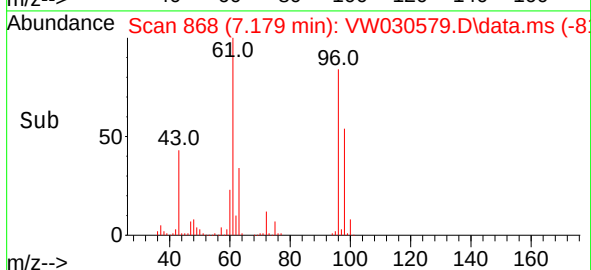
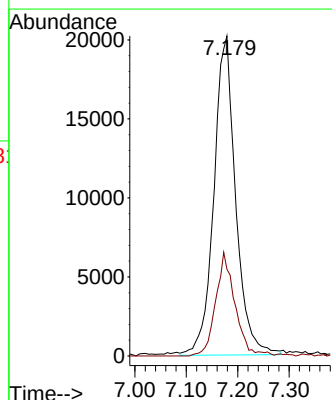
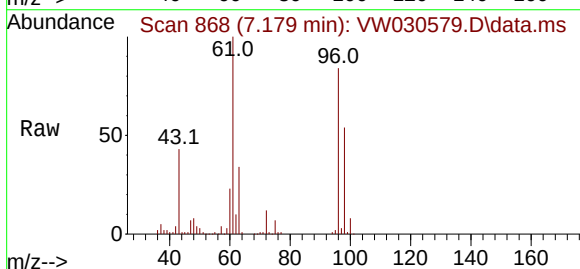
Acq: 12 Oct 2024 04:26

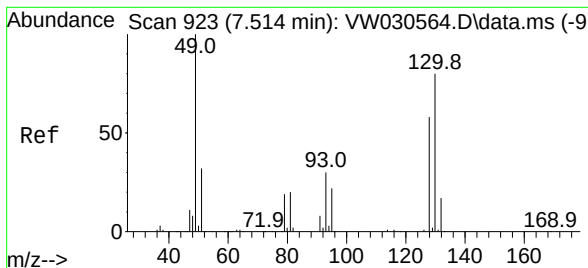
Tgt Ion: 43 Resp: 59520

Ion Ratio Lower Upper

43 100

72 28.0 14.4 43.0





#23

Bromochloromethane

Concen: 14.897 ug/L

RT: 7.514 min Scan# 91

Delta R.T. 0.000 min

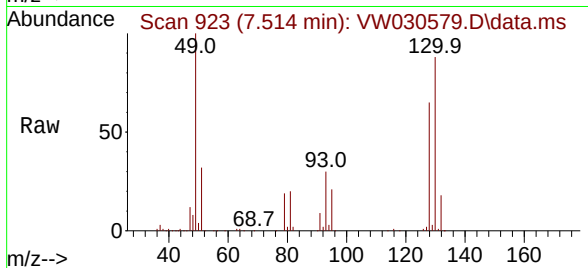
Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 52120

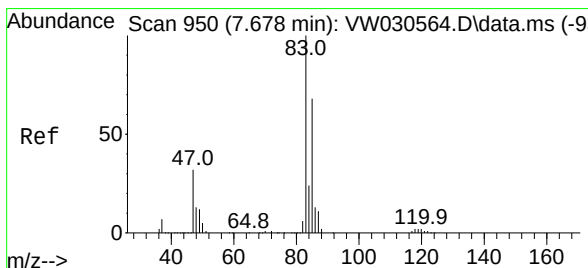
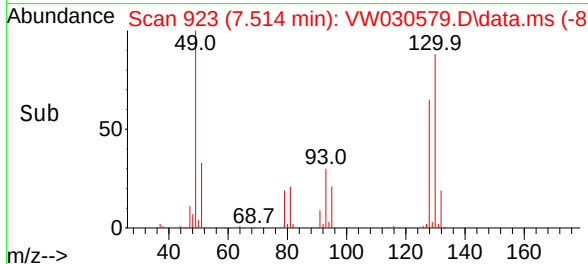
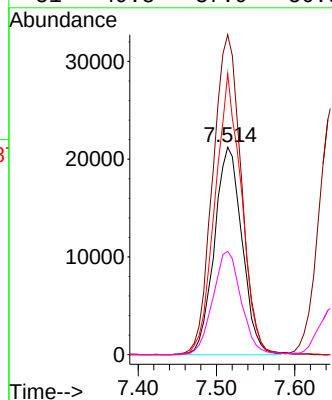
Ion Ratio Lower Upper

128 100

49 154.2 110.1 204.5

130 135.4 82.9 153.9

51 49.8 37.9 56.9



#25

Chloroform

Concen: 14.215 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030579.D

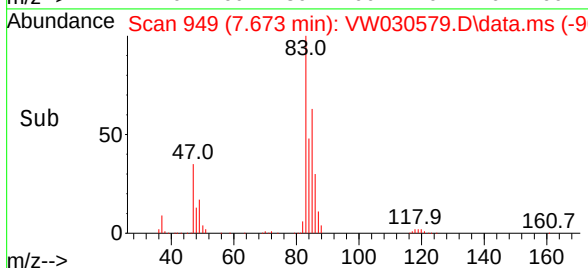
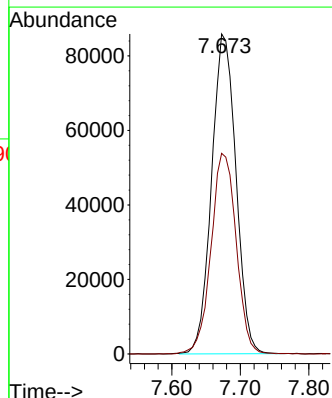
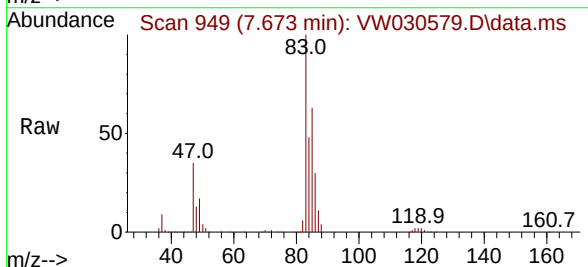
Acq: 12 Oct 2024 04:26

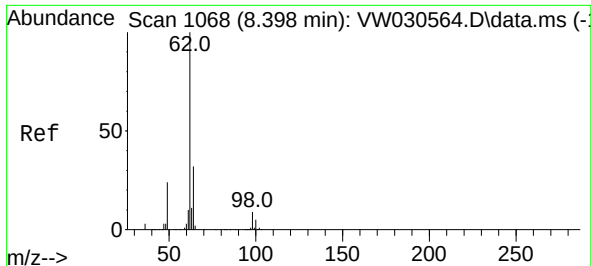
Tgt Ion: 83 Resp: 211699

Ion Ratio Lower Upper

83 100

85 62.7 45.1 83.7





#27

1,2-Dichloroethane

Concen: 13.705 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

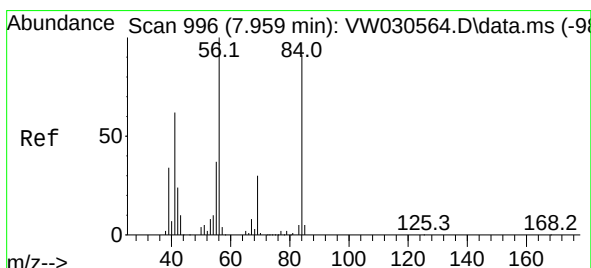
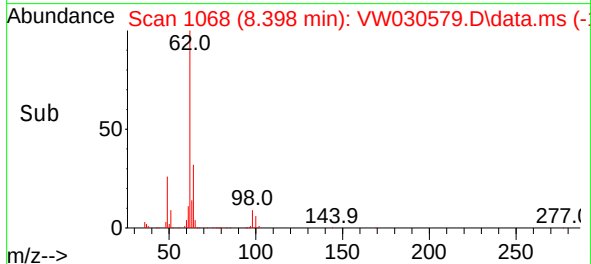
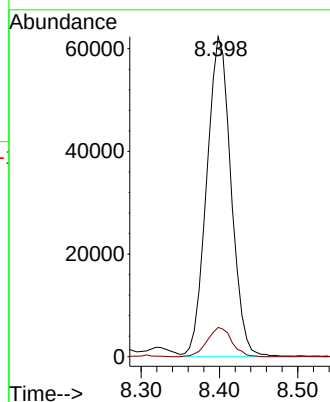
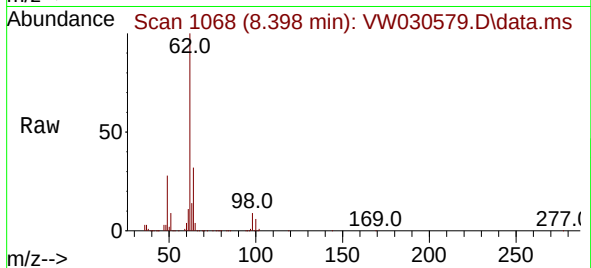
ClientSampleId :

Tgt Ion: 62 Resp: 134652

Ion Ratio Lower Upper

62 100

98 9.2 7.0 10.6



#29

Cyclohexane

Concen: 16.754 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

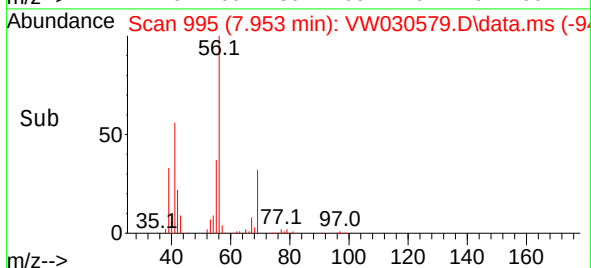
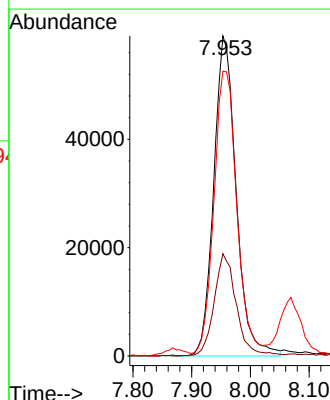
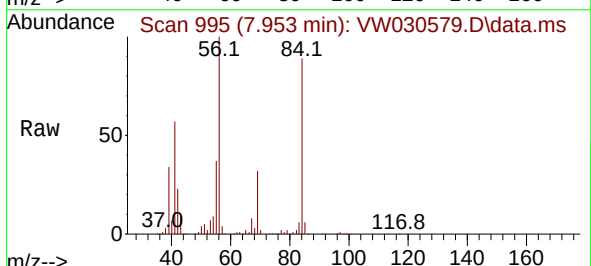
Tgt Ion: 56 Resp: 156768

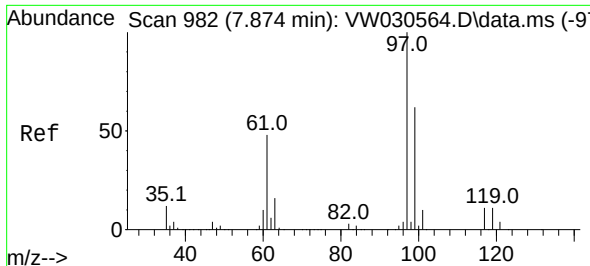
Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.0

84 90.7 72.3 108.5





#30

1,1,1-Trichloroethane

Concen: 17.029 ug/L

RT: 7.874 min Scan# 9

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

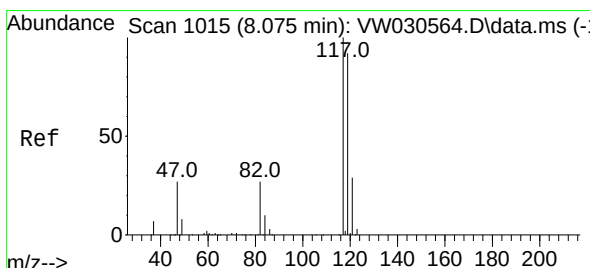
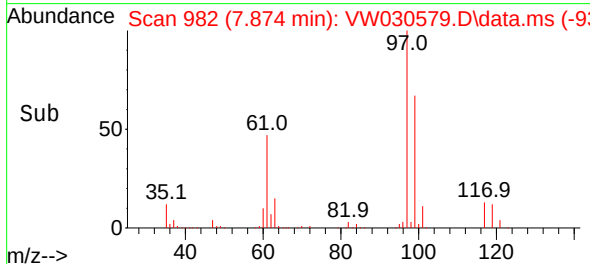
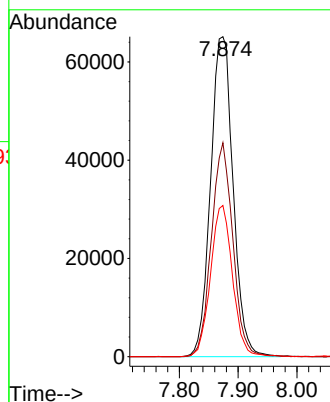
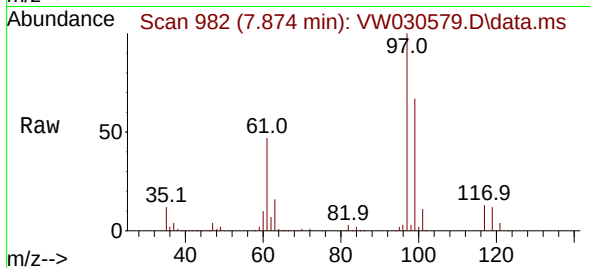
Tgt Ion: 97 Resp: 173766

Ion Ratio Lower Upper

97 100

99 63.6 52.3 78.5

61 46.1 38.5 57.7



#31

Carbon tetrachloride

Concen: 15.854 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030579.D

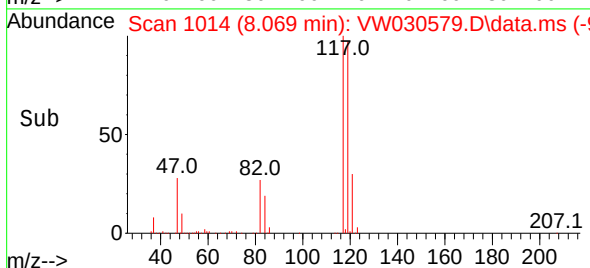
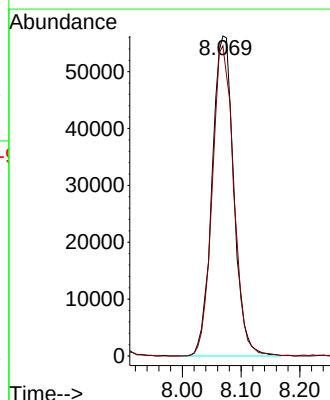
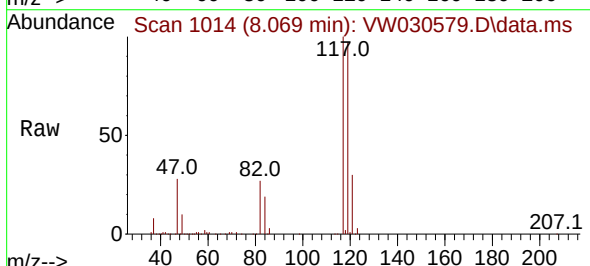
Acq: 12 Oct 2024 04:26

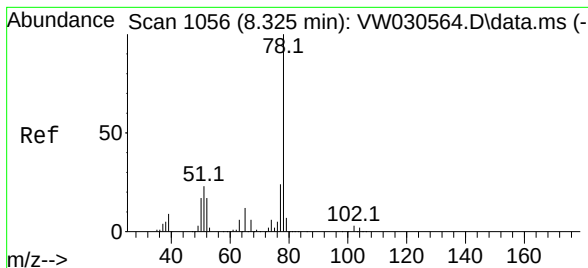
Tgt Ion: 117 Resp: 144487

Ion Ratio Lower Upper

117 100

119 95.9 77.8 116.8





#33

Benzene

Concen: 17.338 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW030579.D

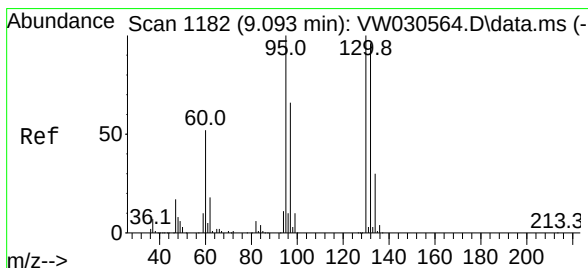
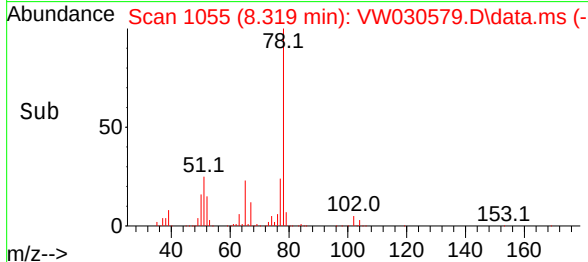
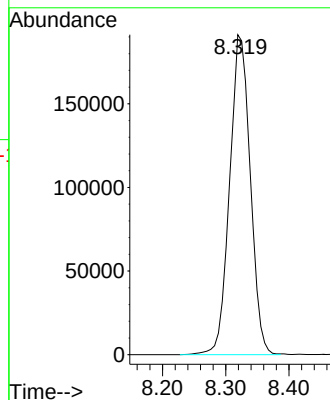
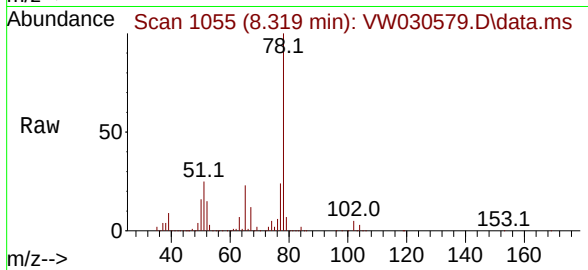
Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 433690



#34

Trichloroethene

Concen: 15.832 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Tgt Ion: 95 Resp: 110174

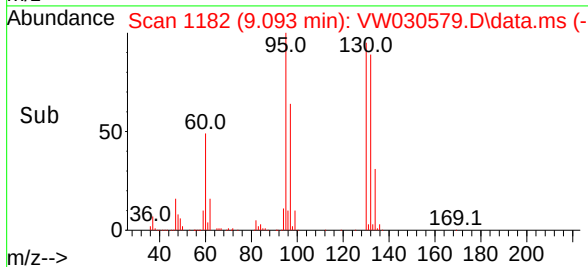
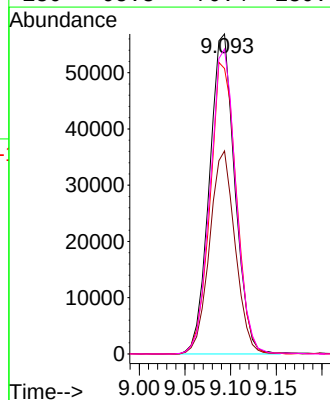
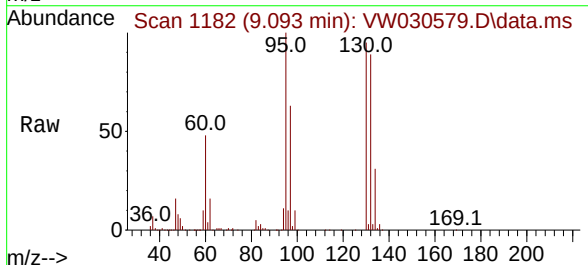
Ion Ratio Lower Upper

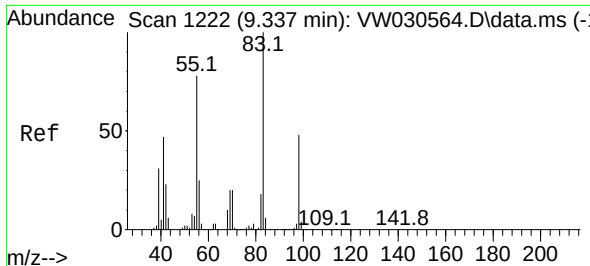
95 100

97 63.5 45.9 85.3

132 89.2 66.4 123.2

130 95.3 70.4 130.8





#35

Methylcyclohexane

Concen: 15.385 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

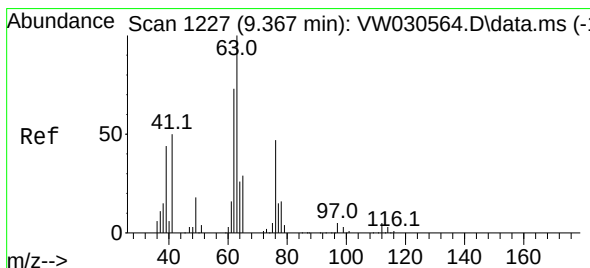
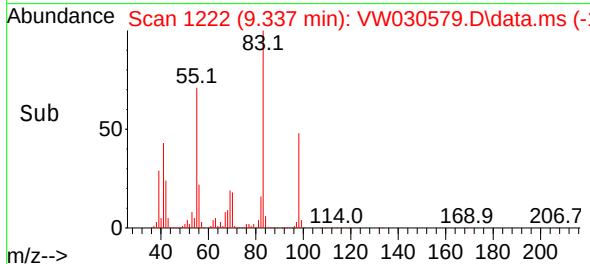
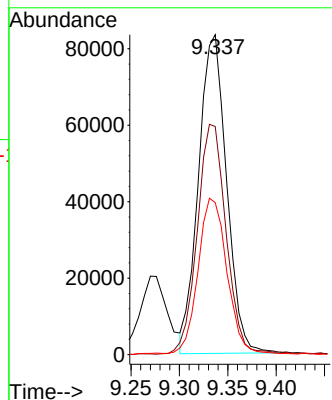
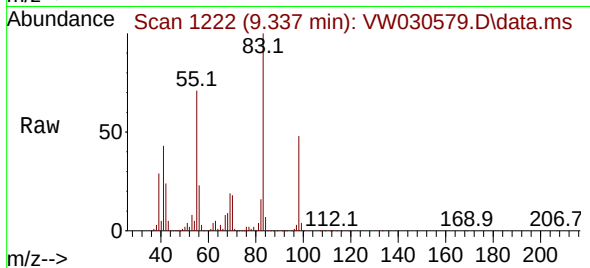
Tgt Ion: 83 Resp: 168499

Ion Ratio Lower Upper

83 100

55 74.4 61.8 92.8

98 51.0 39.3 58.9



#37

1,2-Dichloropropane

Concen: 17.047 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030579.D

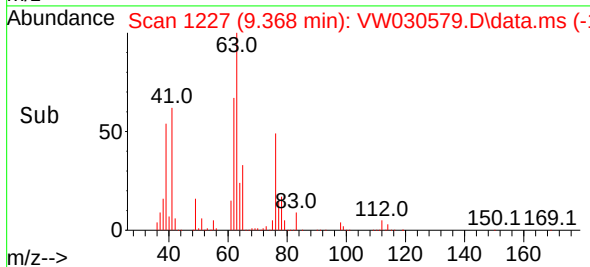
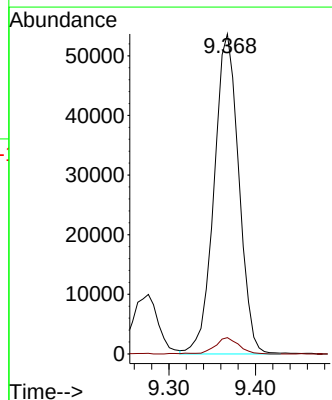
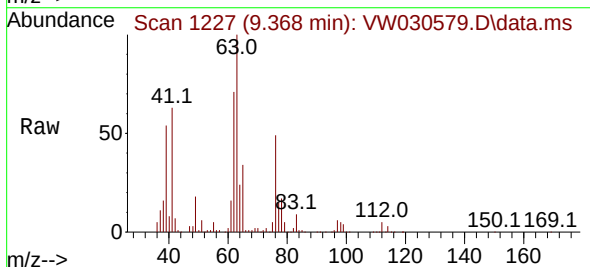
Acq: 12 Oct 2024 04:26

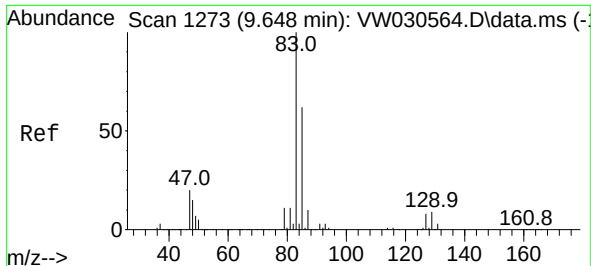
Tgt Ion: 63 Resp: 106497

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5





#38

Bromodichloromethane

Concen: 14.915 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

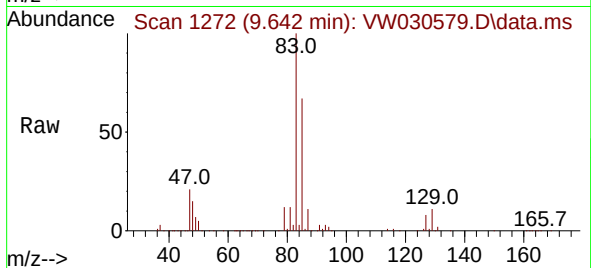
Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :



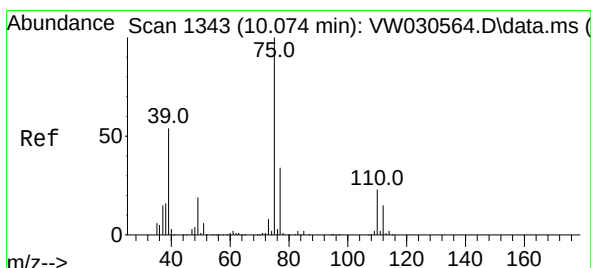
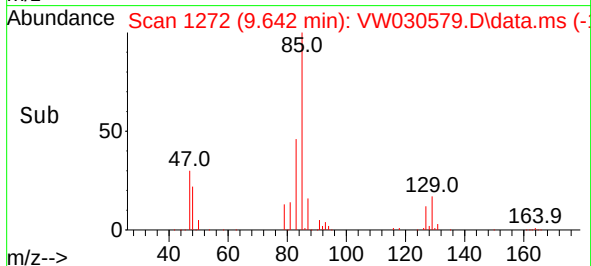
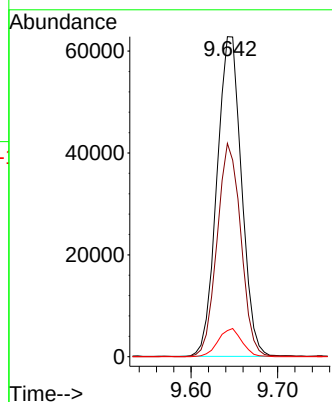
Tgt Ion: 83 Resp: 123976

Ion Ratio Lower Upper

83 100

85 66.7 44.2 82.0

127 8.2 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 15.209 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030579.D

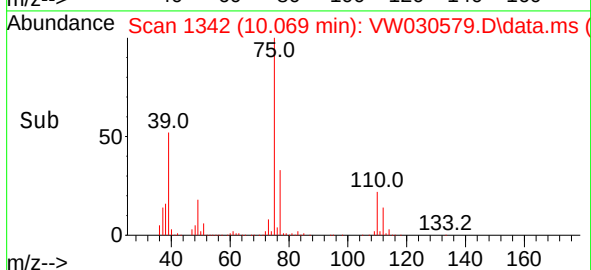
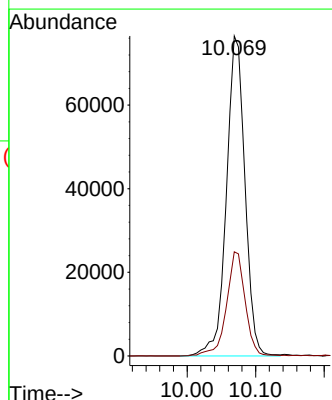
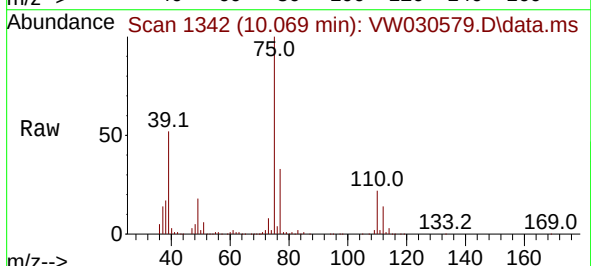
Acq: 12 Oct 2024 04:26

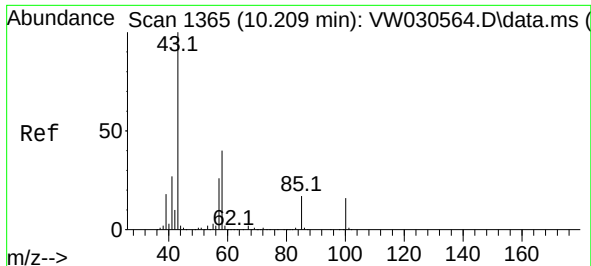
Tgt Ion: 75 Resp: 143320

Ion Ratio Lower Upper

75 100

77 32.6 21.1 39.1





#40

4-Methyl-2-pentanone

Concen: 38.870 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

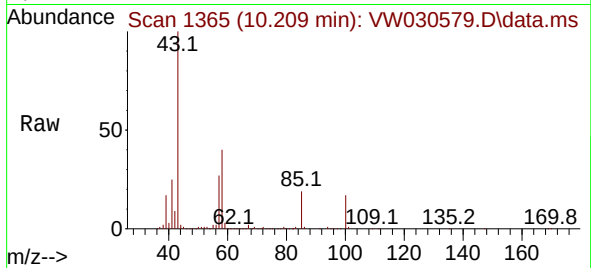
Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :



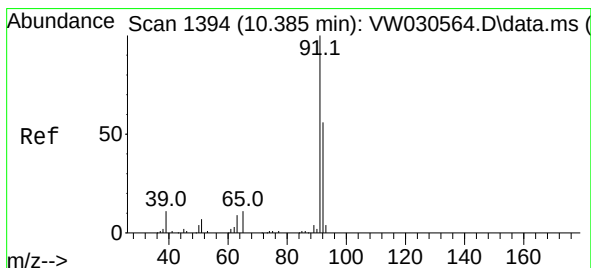
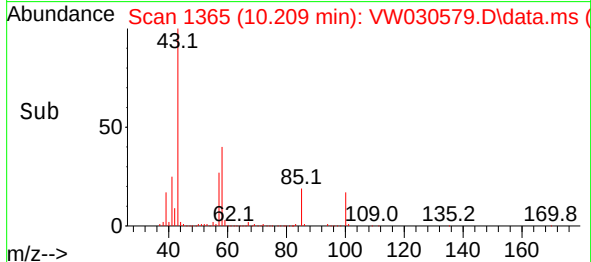
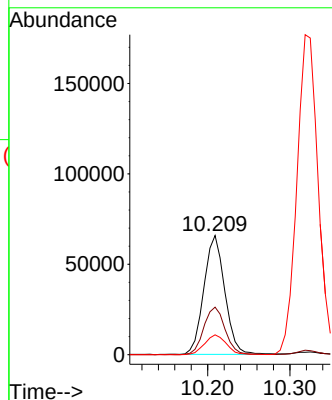
Tgt Ion: 43 Resp: 116661

Ion Ratio Lower Upper

43 100

58 40.7 31.4 47.2

100 17.4 13.1 19.7



#42

Toluene

Concen: 15.974 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030579.D

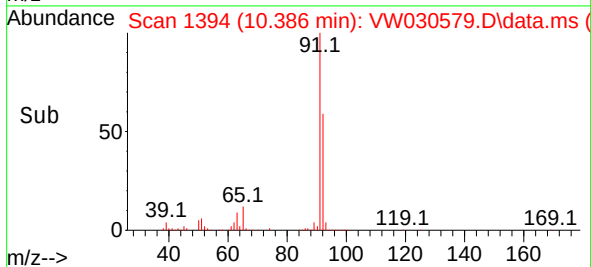
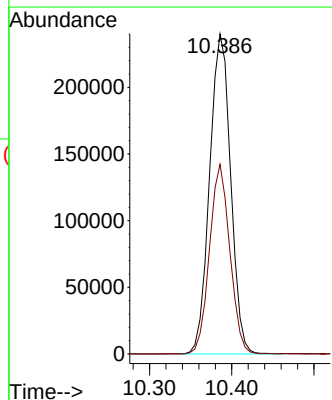
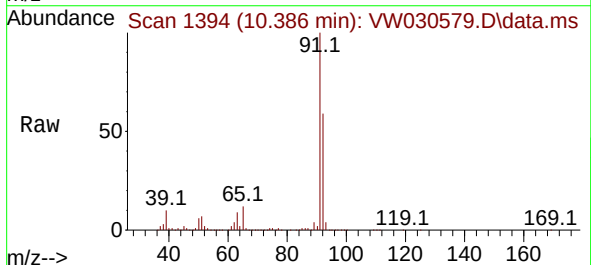
Acq: 12 Oct 2024 04:26

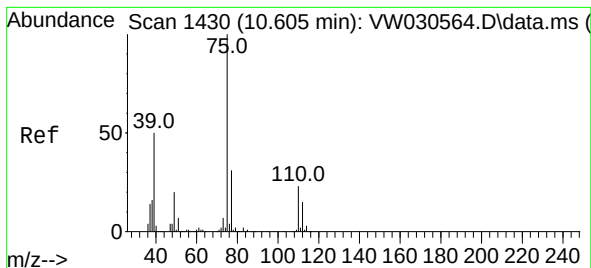
Tgt Ion: 91 Resp: 426301

Ion Ratio Lower Upper

91 100

92 59.3 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 14.668 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

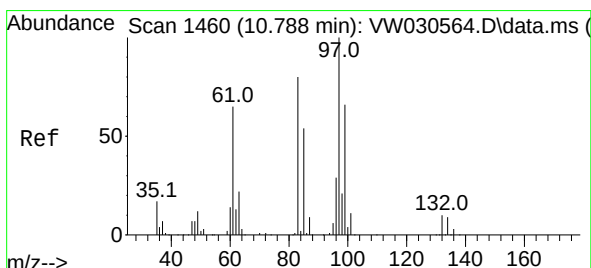
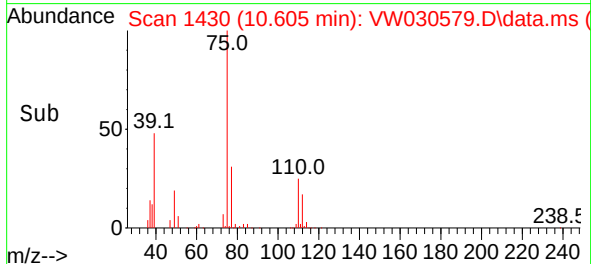
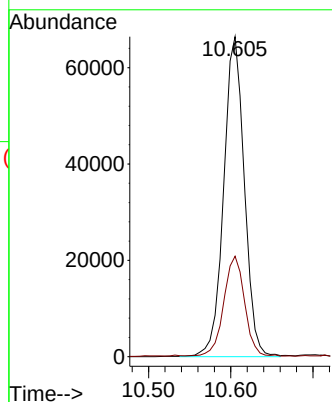
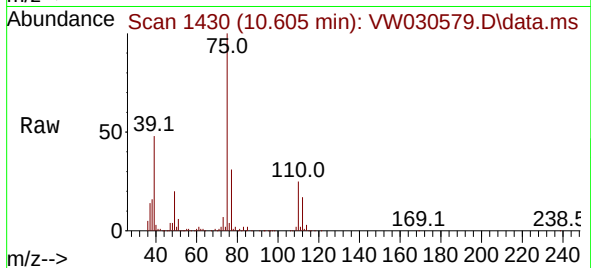
ClientSampleId :

Tgt Ion: 75 Resp: 116153

Ion Ratio Lower Upper

75 100

77 31.4 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 16.715 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Tgt Ion: 97 Resp: 75473

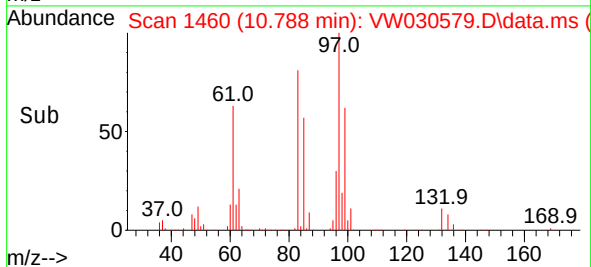
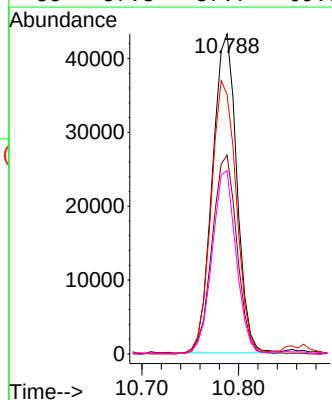
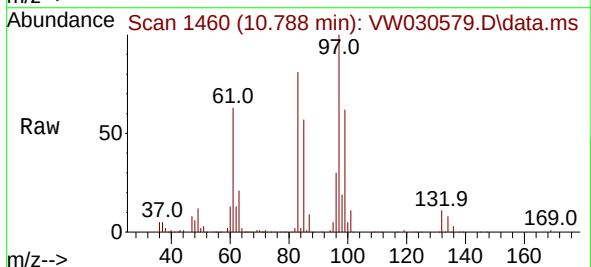
Ion Ratio Lower Upper

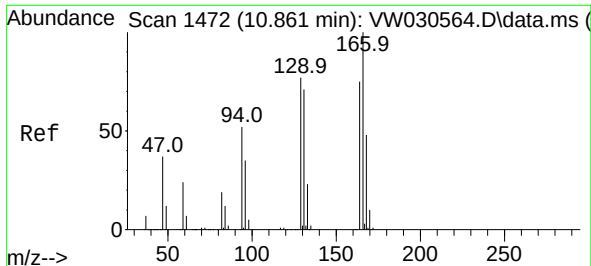
97 100

99 62.1 41.2 76.6

83 81.1 59.6 110.6

85 57.3 37.7 69.9





#46

Tetrachloroethene

Concen: 14.015 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

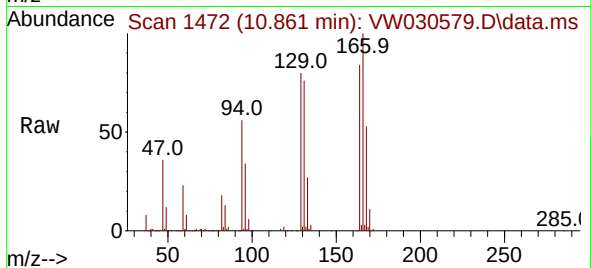
Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 71937

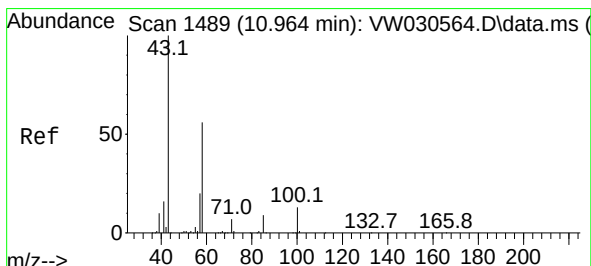
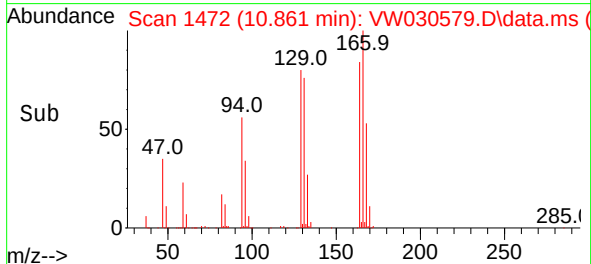
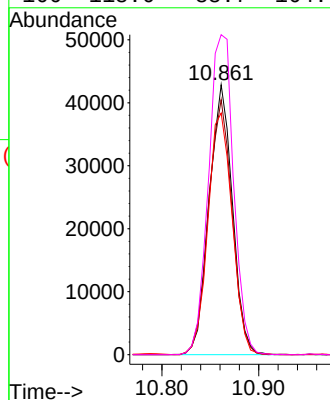
Ion Ratio Lower Upper

164 100

129 94.5 66.6 123.6

131 89.5 63.7 118.3

166 118.6 88.7 164.7



#48

2-Hexanone

Concen: 32.823 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Tgt Ion: 43 Resp: 80561

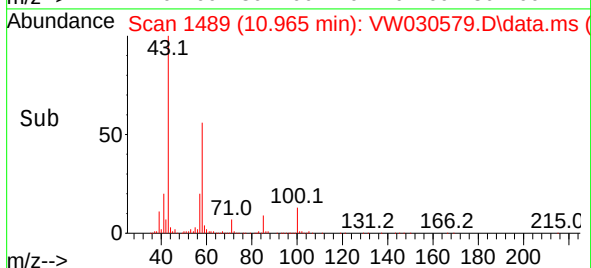
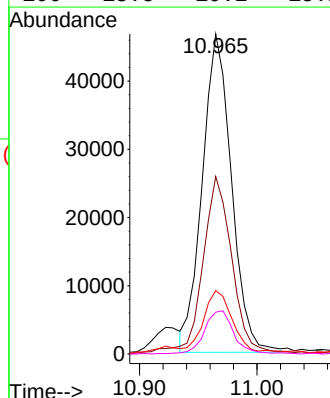
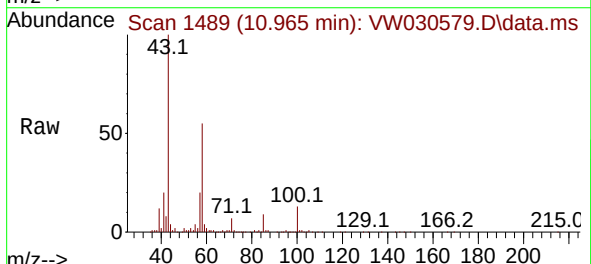
Ion Ratio Lower Upper

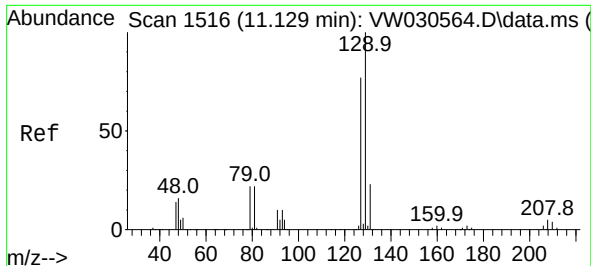
43 100

58 56.0 44.6 67.0

57 18.0 15.8 23.8

100 13.5 10.2 15.2





#49

Dibromochloromethane

Concen: 14.812 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

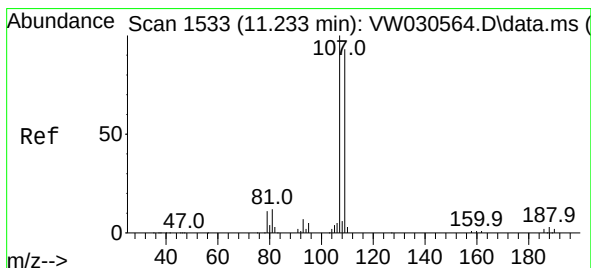
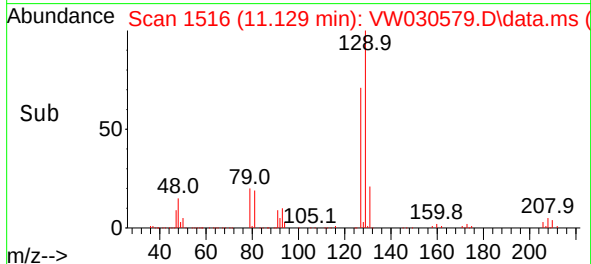
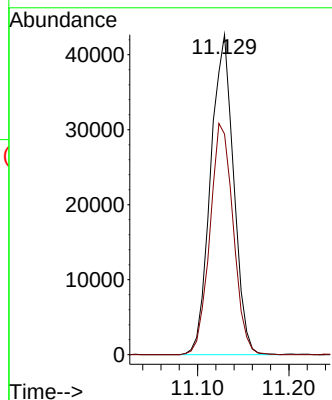
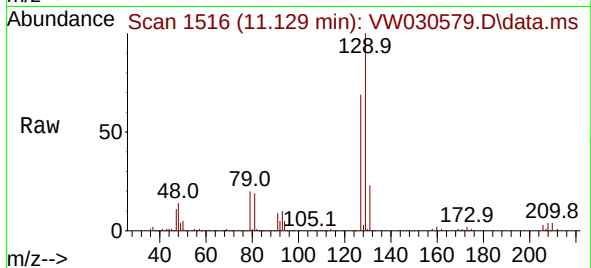
ClientSampleId :

Tgt Ion:129 Resp: 74624

Ion Ratio Lower Upper

129 100

127 68.9 56.5 104.9



#50

1,2-Dibromoethane

Concen: 16.938 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

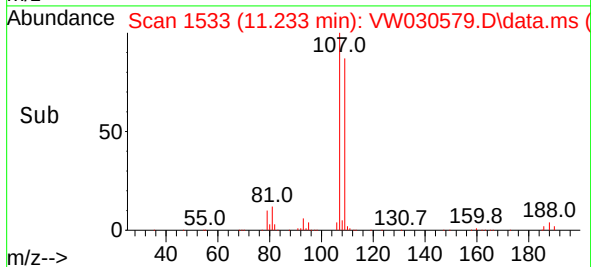
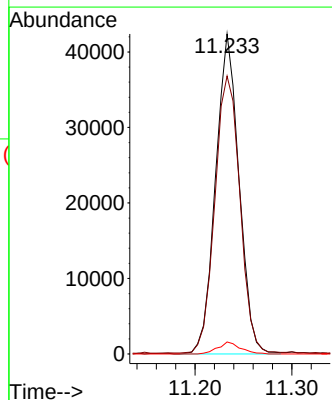
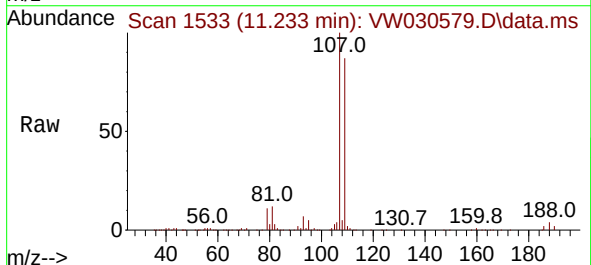
Tgt Ion:107 Resp: 71362

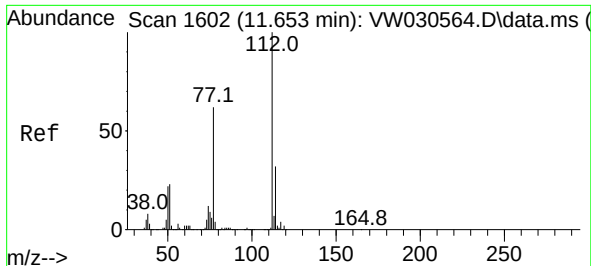
Ion Ratio Lower Upper

107 100

109 86.8 63.8 118.6

188 3.7 2.6 3.8

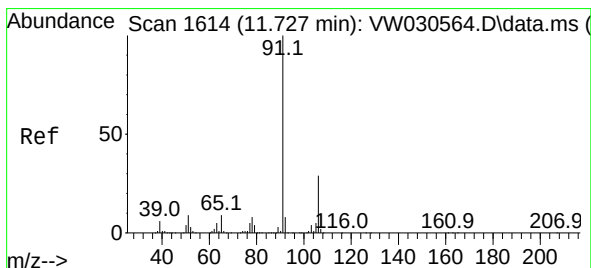
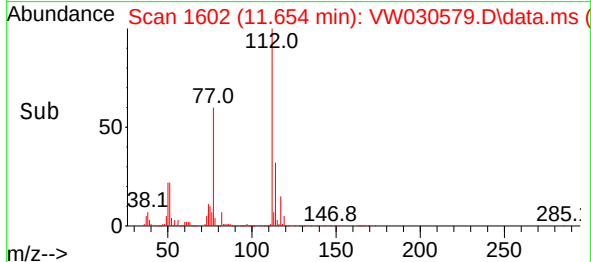
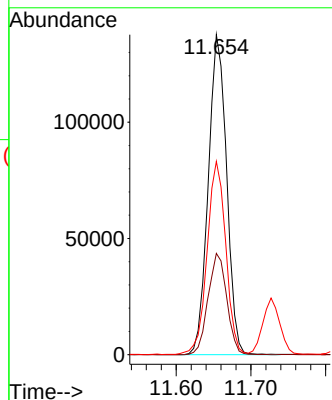
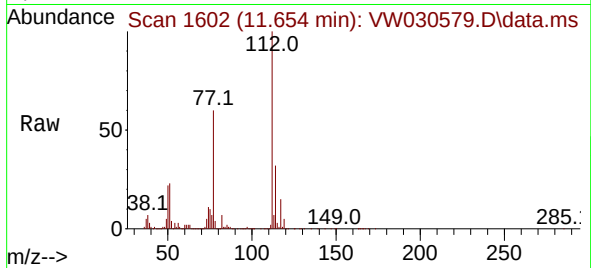




#51
Chlorobenzene
Concen: 13.686 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

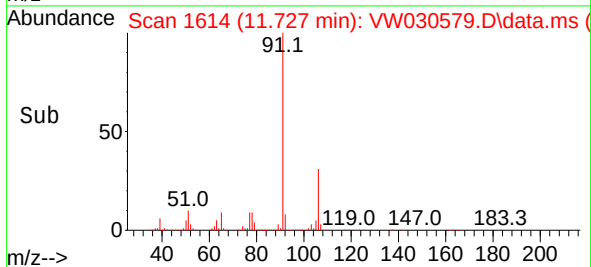
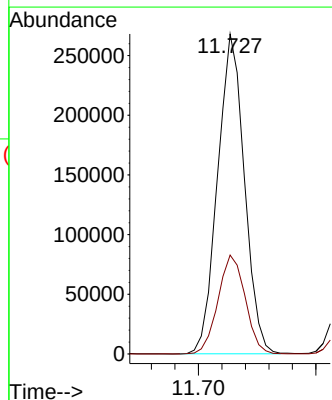
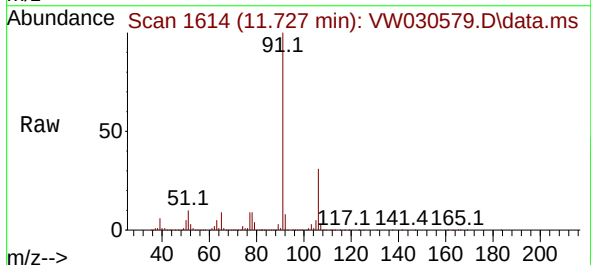
Instrument :
MSVOA_W
ClientSampleId :

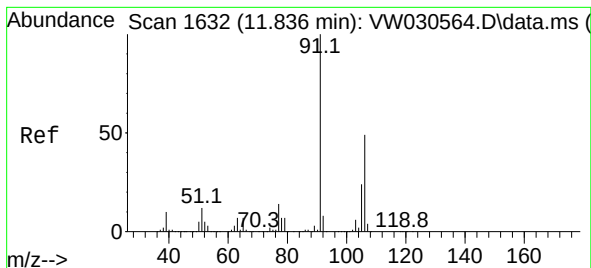
Tgt Ion:112 Resp: 235106
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 60.4 47.1 70.7



#52
Ethylbenzene
Concen: 13.956 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030579.D
Acq: 12 Oct 2024 04:26

Tgt Ion: 91 Resp: 424960
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.1





#53

m,p-Xylene

Concen: 13.251 ug/L

RT: 11.831 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

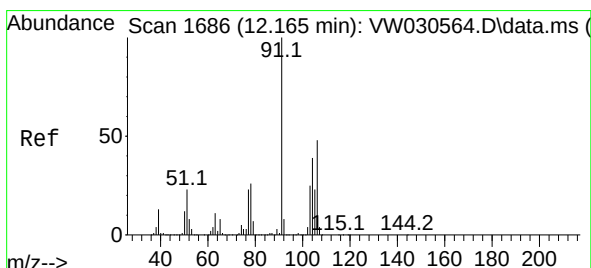
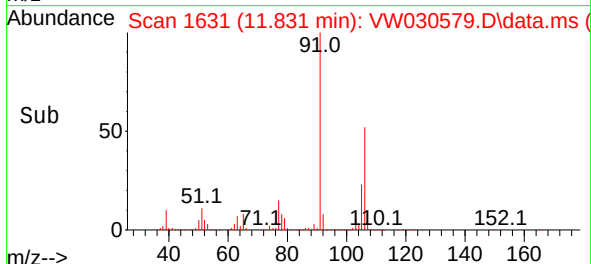
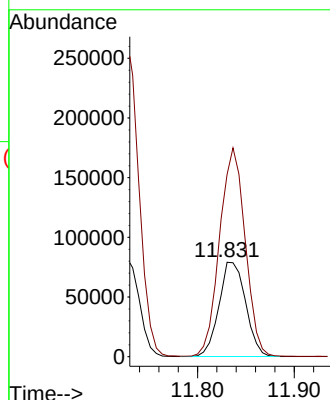
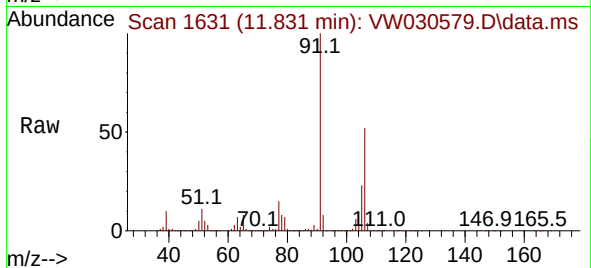
ClientSampleId :

Tgt Ion:106 Resp: 151167

Ion Ratio Lower Upper

106 100

91 193.1 140.6 261.2



#54

o-Xylene

Concen: 14.188 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW030579.D

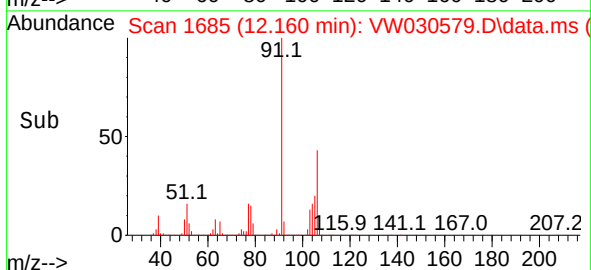
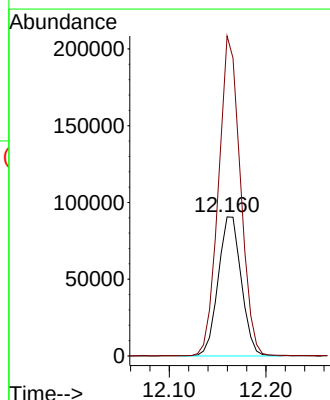
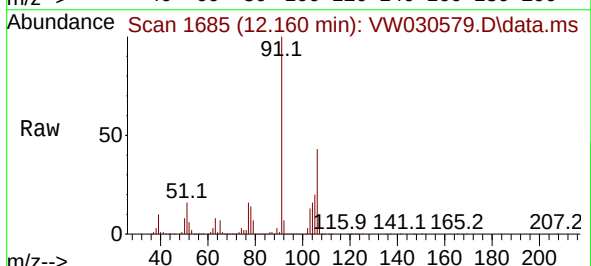
Acq: 12 Oct 2024 04:26

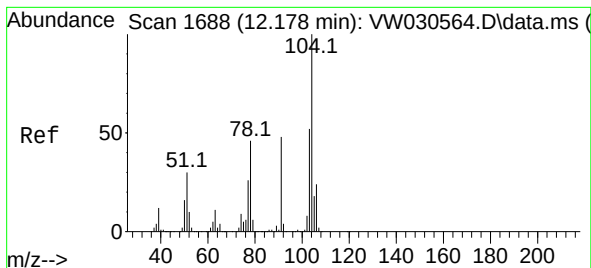
Tgt Ion:106 Resp: 149639

Ion Ratio Lower Upper

106 100

91 230.2 144.5 268.4





#55

Styrene

Concen: 12.644 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

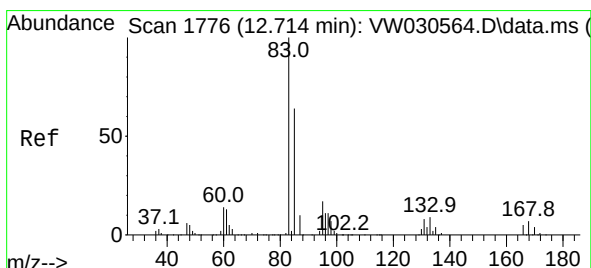
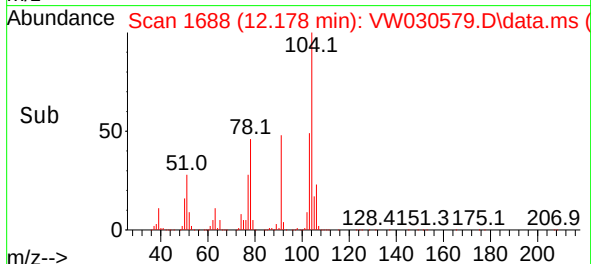
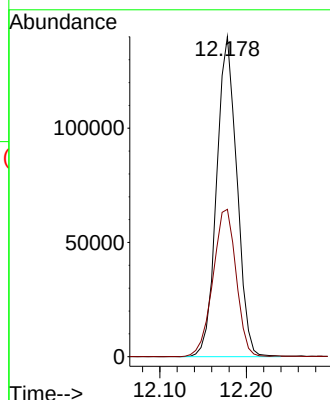
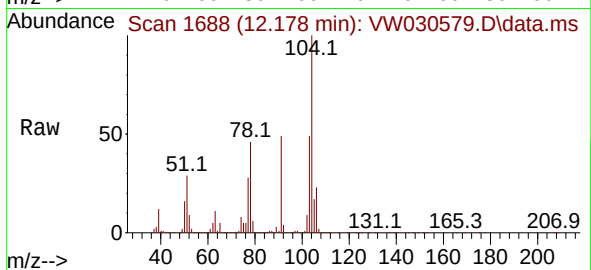
ClientSampleId :

Tgt Ion:104 Resp: 227978

Ion Ratio Lower Upper

104 100

78 46.1 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 15.878 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

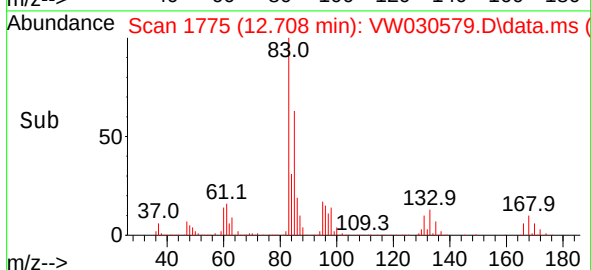
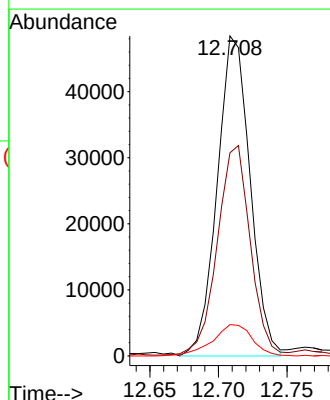
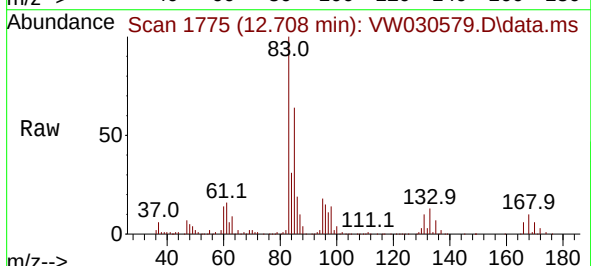
Tgt Ion: 83 Resp: 80847

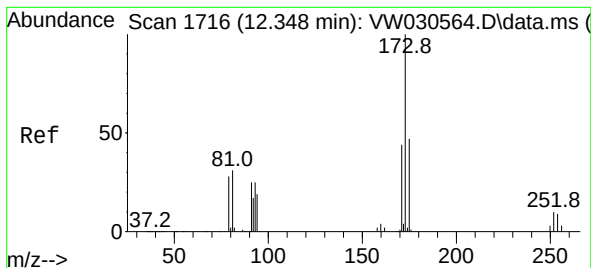
Ion Ratio Lower Upper

83 100

85 63.5 42.6 79.2

131 9.8 7.4 11.0





#59

Bromoform

Concen: 21.514 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030579.D

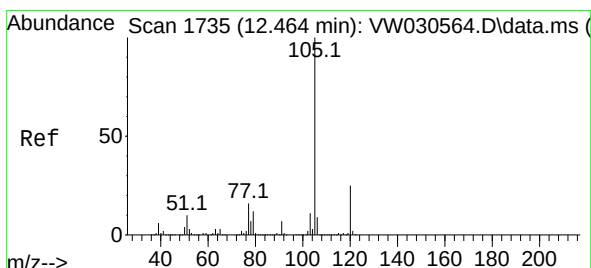
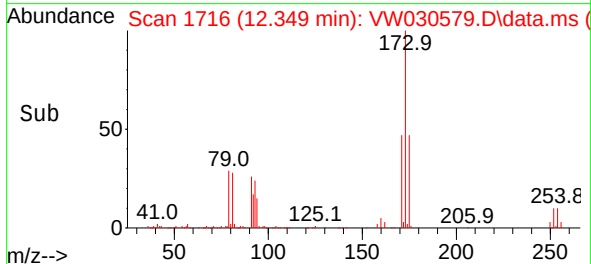
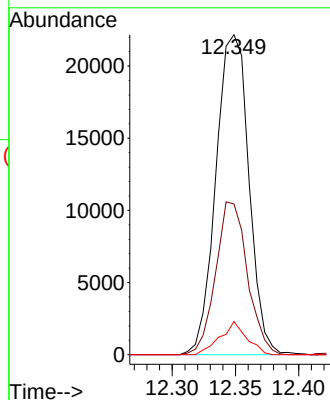
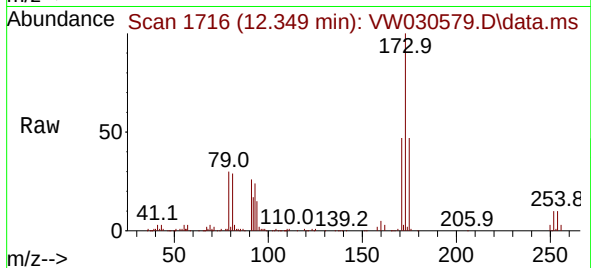
Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	40151
Ion Ratio	Lower	Upper
173	100	
175	46.0	39.0 58.4
254	8.4	7.7 11.5



#60

Isopropylbenzene

Concen: 18.741 ug/L

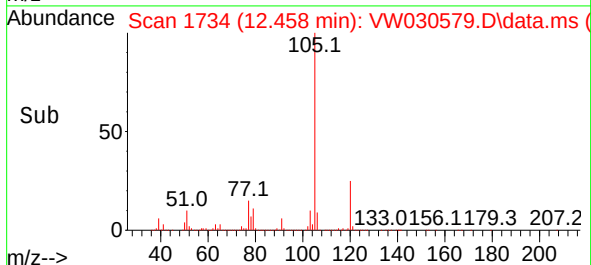
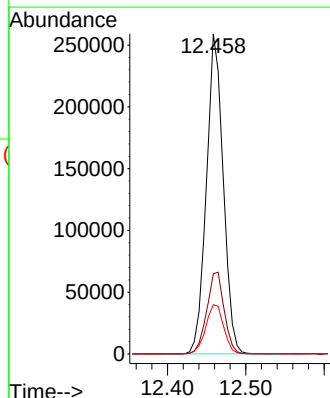
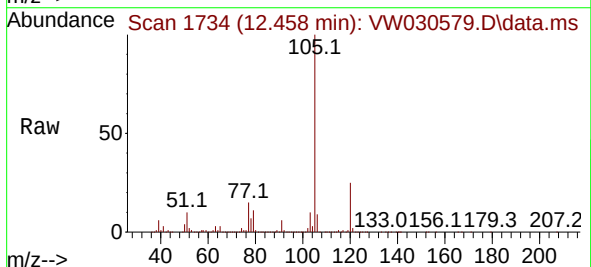
RT: 12.458 min Scan# 1734

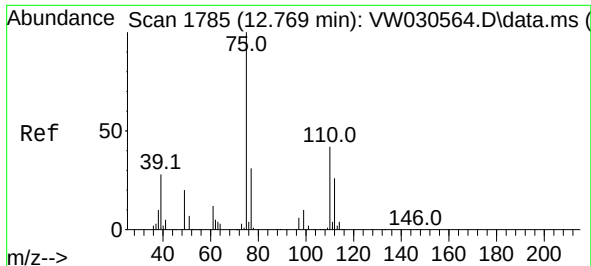
Delta R.T. -0.006 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Tgt Ion:105	Resp:	385505
Ion Ratio	Lower	Upper
105	100	
120	26.5	20.6 31.0
77	16.4	13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 23.445 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

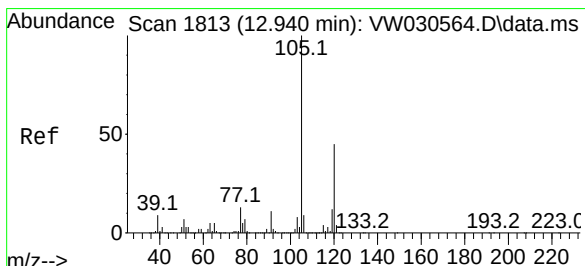
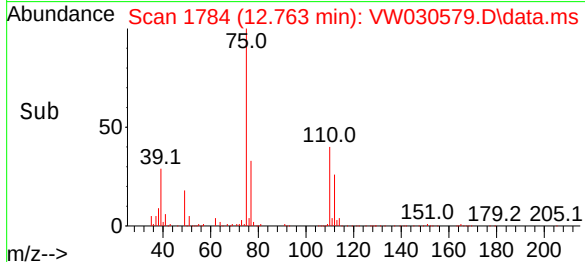
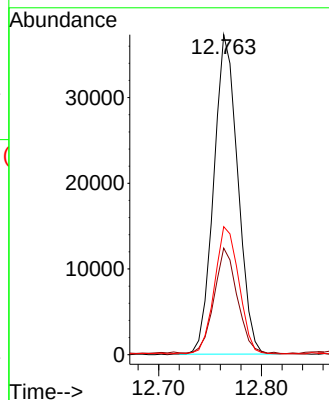
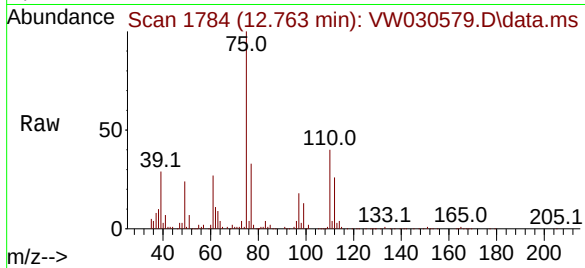
Tgt Ion: 75 Resp: 60600

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

110 40.3 32.3 48.5



#62

1,3,5-Trimethylbenzene

Concen: 17.211 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030579.D

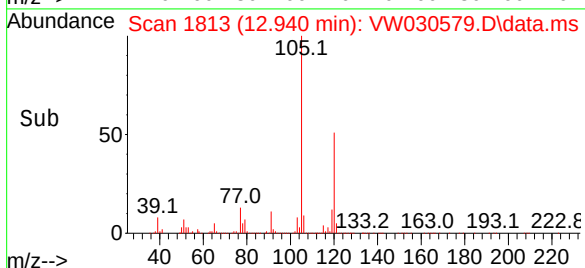
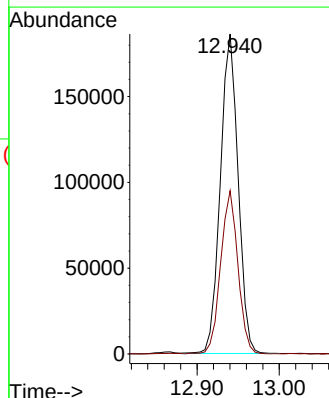
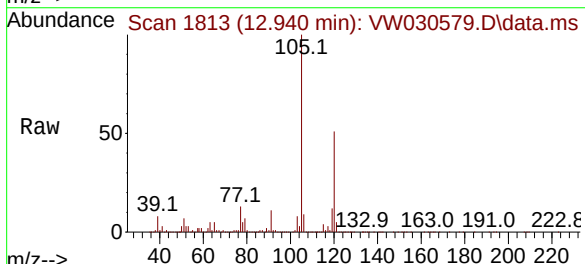
Acq: 12 Oct 2024 04:26

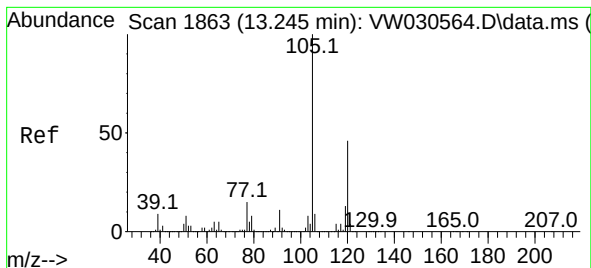
Tgt Ion:105 Resp: 279318

Ion Ratio Lower Upper

105 100

120 49.6 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 17.086 ug/L

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

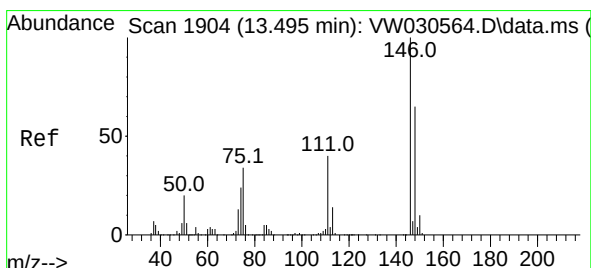
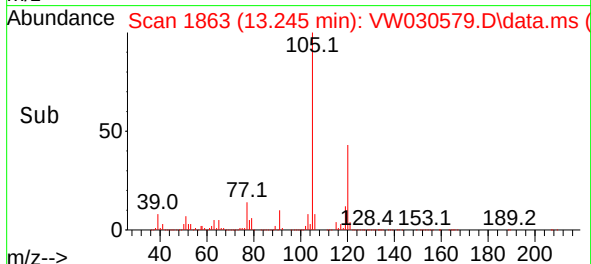
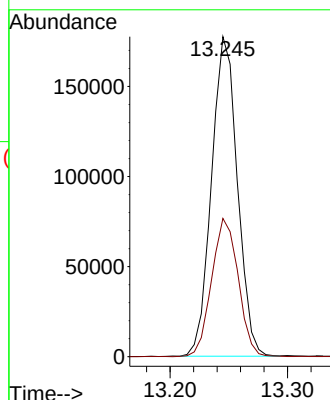
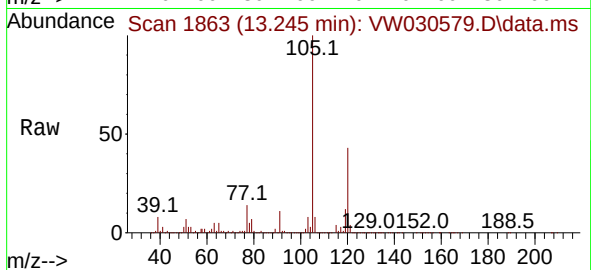
ClientSampleId :

Tgt Ion:105 Resp: 271489

Ion Ratio Lower Upper

105 100

120 44.3 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 15.078 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

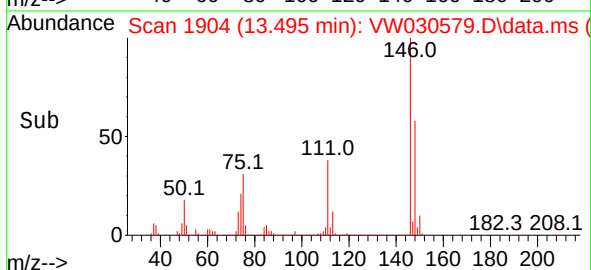
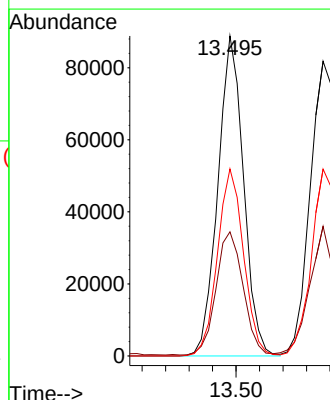
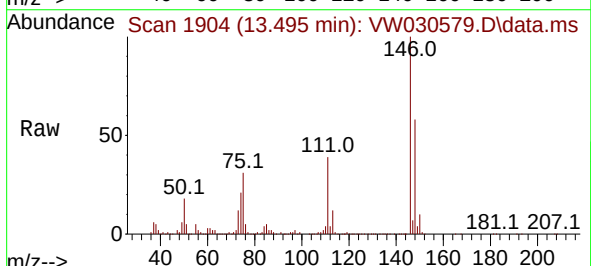
Tgt Ion:146 Resp: 135005

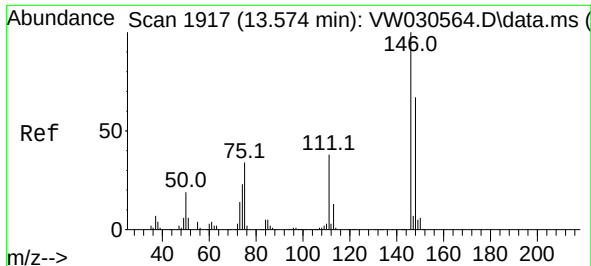
Ion Ratio Lower Upper

146 100

111 38.8 31.2 58.0

148 58.5 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 14.359 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

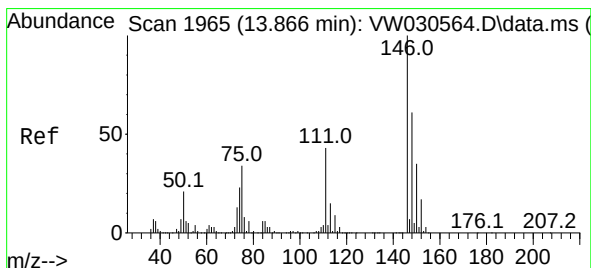
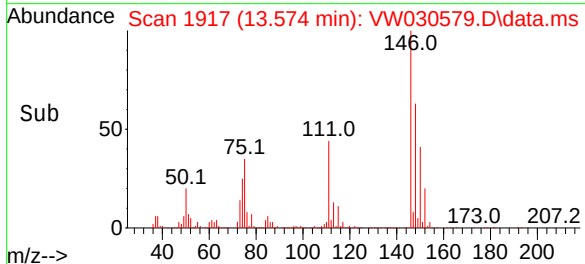
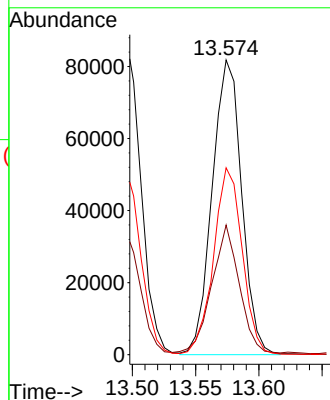
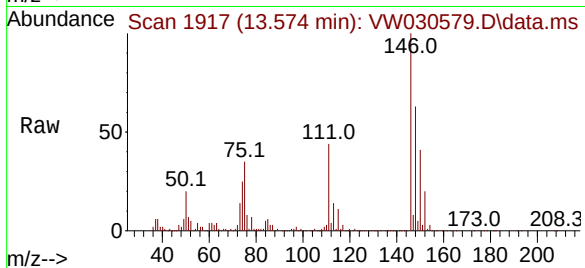
Tgt Ion:146 Resp: 132752

Ion Ratio Lower Upper

146 100

111 44.0 26.8 49.8

148 63.4 41.0 76.2



#67

1,2-Dichlorobenzene

Concen: 15.373 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

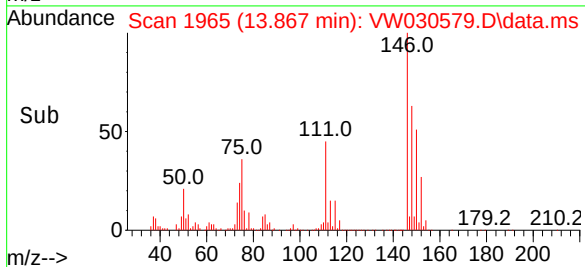
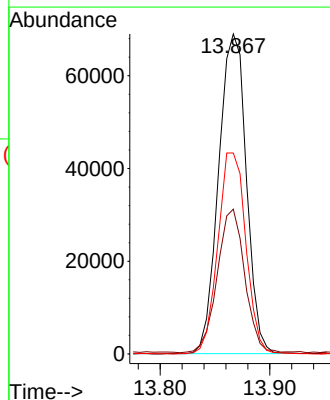
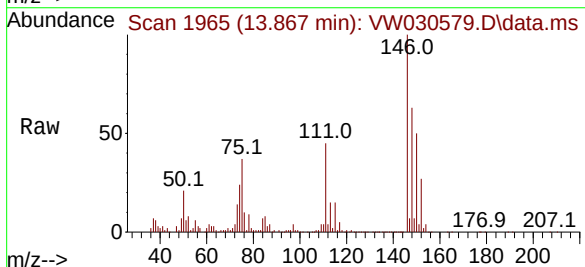
Tgt Ion:146 Resp: 121127

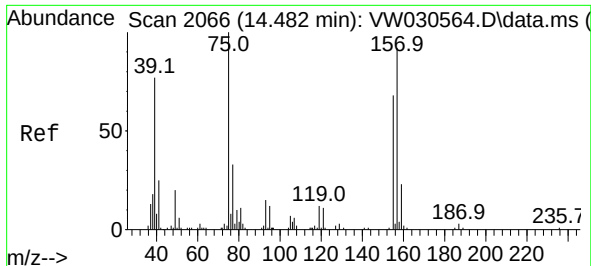
Ion Ratio Lower Upper

146 100

111 45.2 34.6 52.0

148 62.8 53.3 79.9





#68

1,2-Dibromo-3-chloropropane

Concen: 21.191 ug/L

RT: 14.476 min Scan# 2066

Delta R.T. -0.006 min

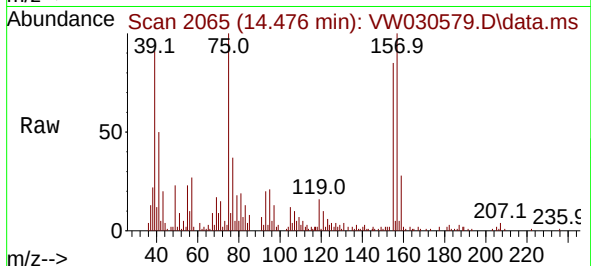
Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :



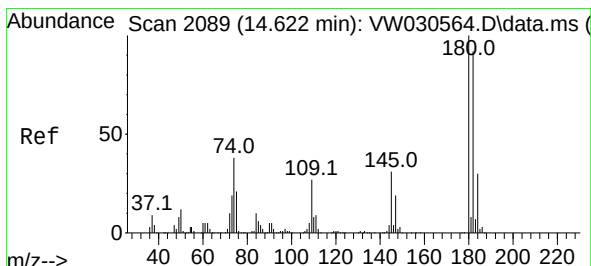
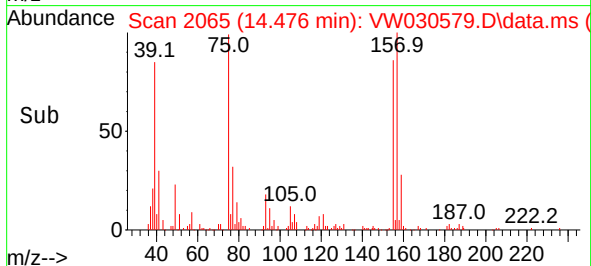
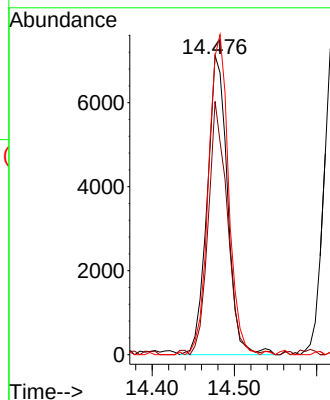
Tgt Ion: 75 Resp: 12213

Ion Ratio Lower Upper

75 100

155 84.6 57.9 86.9

157 99.8 69.0 103.6



#69

1,3,5-Trichlorobenzene

Concen: 10.941 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Tgt Ion:180 Resp: 64601

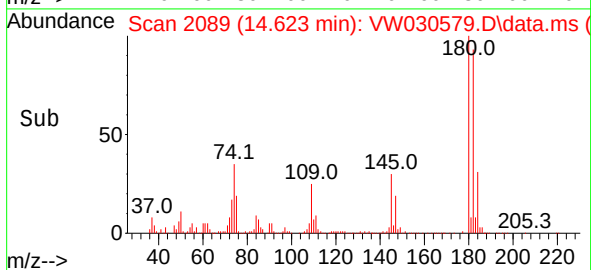
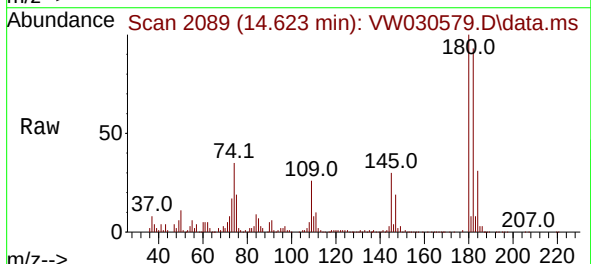
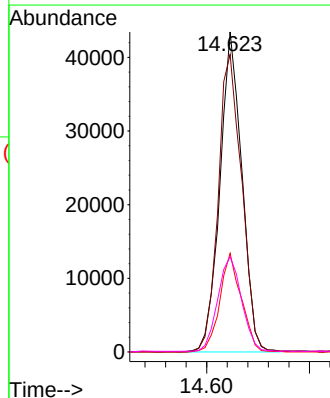
Ion Ratio Lower Upper

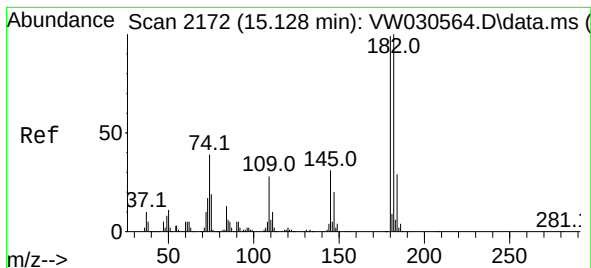
180 100

182 98.9 79.9 119.9

184 30.1 25.2 37.8

145 32.3 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 10.788 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

Instrument :

MSVOA_W

ClientSampleId :

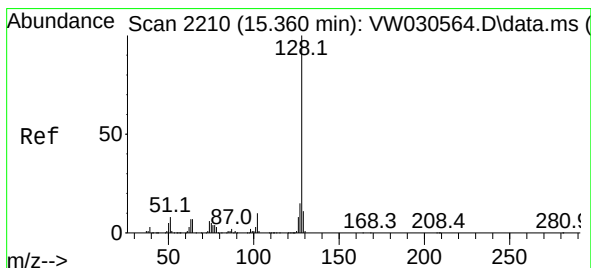
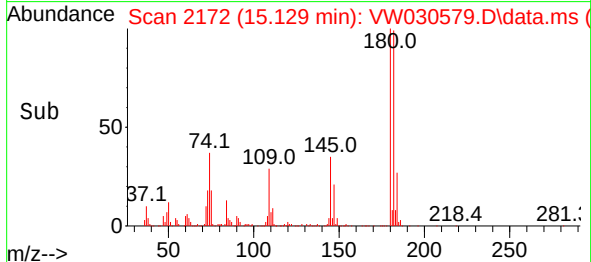
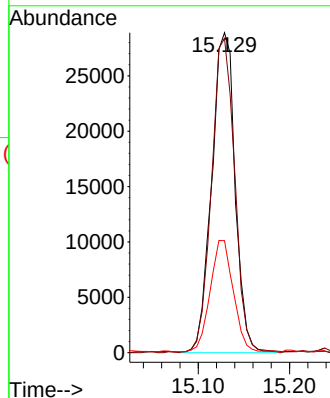
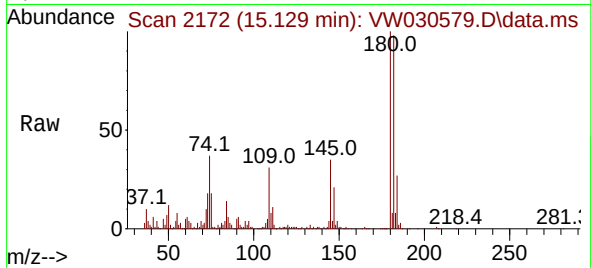
Tgt Ion:180 Resp: 51277

Ion Ratio Lower Upper

180 100

182 97.6 75.2 112.8

145 34.6 25.4 38.2



#71

Naphthalene

Concen: 18.207 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030579.D

Acq: 12 Oct 2024 04:26

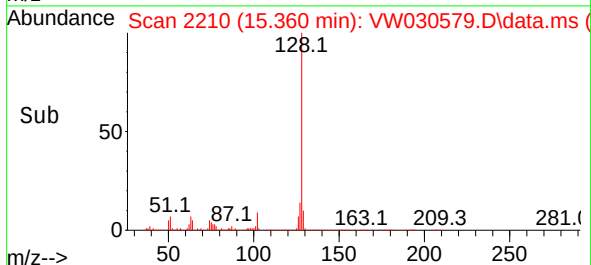
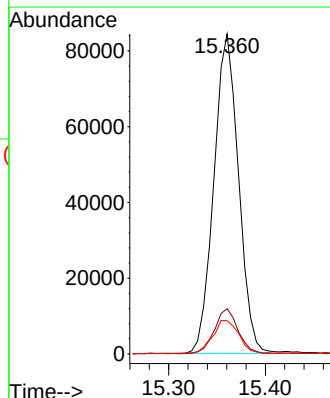
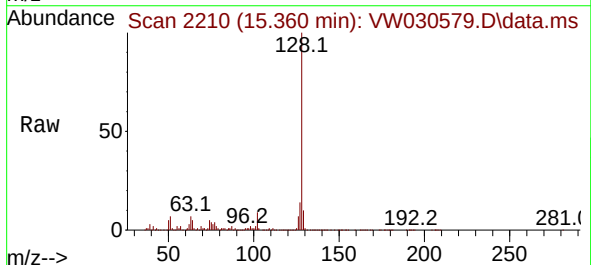
Tgt Ion:128 Resp: 149522

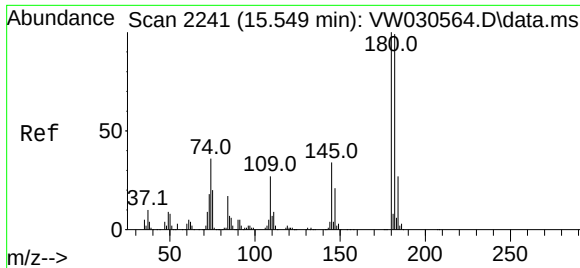
Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

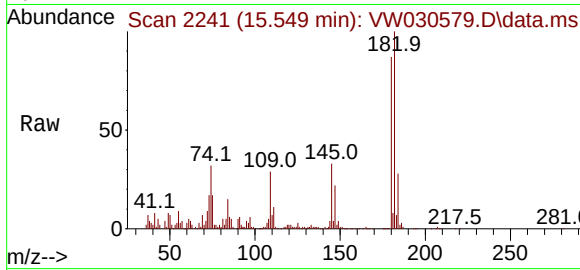
129 11.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 10.486 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030579.D
 Acq: 12 Oct 2024 04:26

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	43209
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.2	114.4
145	36.4	27.4	41.2

