

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030028.D
 Acq On : 26 Aug 2024 15:58
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:36:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:31:07 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	306699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	117332	25.708	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	102.840%	
7) Chloroethane-d5	2.893	69	84633	26.127	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	104.520%	
11) 1,1-Dichloroethene-d2	4.021	65	46787	23.994	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	95.960%	
21) 2-Butanone-d5	7.087	46	41941	46.099	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	92.200%	
24) Chloroform-d	7.648	84	220523	26.663	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	106.640%	
26) 1,2-Dichloroethane-d4	8.301	65	106940	25.464	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	101.840%	
32) Benzene-d6	8.270	84	434151	27.155	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	108.600%	
36) 1,2-Dichloropropane-d6	9.270	67	126221	26.946	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	107.800%	
41) Toluene-d8	10.319	98	401807	27.611	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	110.440%	
43) trans-1,3-Dichloroprop...	10.575	79	51826	26.897	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	107.600%	
47) 2-Hexanone-d5	10.922	63	36481	50.886	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	101.780%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88000	25.516	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	102.080%	
66) 1,2-Dichlorobenzene-d4	13.848	152	124125	25.763	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	103.040%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80127	22.715	ug/L	100
3) Chloromethane	2.229	50	107679	26.259	ug/L	99
5) Vinyl chloride	2.375	62	124067	25.597	ug/L	99
6) Bromomethane	2.789	94	76406	25.367	ug/L	94
8) Chloroethane	2.936	64	70919	25.392	ug/L	97
9) Trichlorofluoromethane	3.259	101	102446	24.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	103853	25.863	ug/L	98
12) 1,1-Dichloroethene	4.045	96	100469	25.556	ug/L	91
13) Acetone	4.149	43	50734	60.966	ug/L	99
14) Carbon disulfide	4.393	76	327396	26.845	ug/L	99
15) Methyl Acetate	4.679	43	36056	22.223	ug/L	99
16) Methylene chloride	4.917	84	136454	26.932	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	111135	25.562	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	154306	23.207	ug/L	100
19) 1,1-Dichloroethane	6.216	63	202094	25.014	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	122089	25.407	ug/L	87
22) 2-Butanone	7.179	43	59156	49.678	ug/L	97
23) Bromochloromethane	7.514	128	49429	24.251	ug/L	96
25) Chloroform	7.679	83	205050	24.813	ug/L	99

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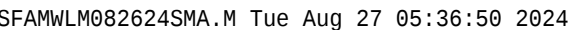
Instrument :
 MSVOA_W
 ClientSampleId :

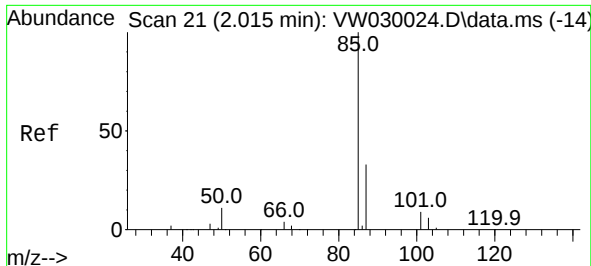
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126351	23.886	ug/L	99
29) Cyclohexane	7.953	56	176344	26.963	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	164101	25.866	ug/L	100
31) Carbon tetrachloride	8.063	117	146920	25.777	ug/L	99
33) Benzene	8.325	78	455802	26.265	ug/L	100
34) Trichloroethene	9.093	95	122968	26.315	ug/L	96
35) Methylcyclohexane	9.331	83	210103	27.452	ug/L	99
37) 1,2-Dichloropropane	9.367	63	113322	25.787	ug/L	100
38) Bromodichloromethane	9.642	83	141495	25.518	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	179093	26.478	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	105619	48.283	ug/L	99
42) Toluene	10.386	91	500281	27.070	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	143488	26.216	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	79403	24.652	ug/L	97
46) Tetrachloroethene	10.861	164	97077	27.371	ug/L	91
48) 2-Hexanone	10.965	43	83268	53.545	ug/L	96
49) Dibromochloromethane	11.123	129	85014	24.841	ug/L	89
50) 1,2-Dibromoethane	11.233	107	71916	23.902	ug/L	91
51) Chlorobenzene	11.654	112	300837	25.459	ug/L	99
52) Ethylbenzene	11.727	91	569053	27.175	ug/L	100
53) m,p-Xylene	11.837	106	207274	26.524	ug/L	95
54) o-Xylene	12.160	106	197607	26.346	ug/L	94
55) Styrene	12.178	104	338806	26.960	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	85738	23.638	ug/L	97
59) Bromoform	12.349	173	47502	23.948	ug/L	92
60) Isopropylbenzene	12.458	105	544160	25.606	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59807	22.082	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	448342	28.374	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	434380	26.081	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	223079	24.624	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	222380	24.299	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	206003	25.419	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13243	22.843	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	155321	26.260	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	136491	26.663	ug/L	97
71) Naphthalene	15.360	128	240804	24.634	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110672	24.630	ug/L	98

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

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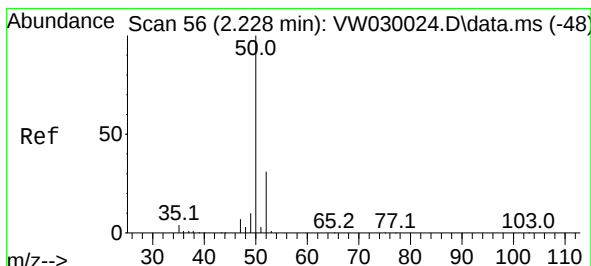
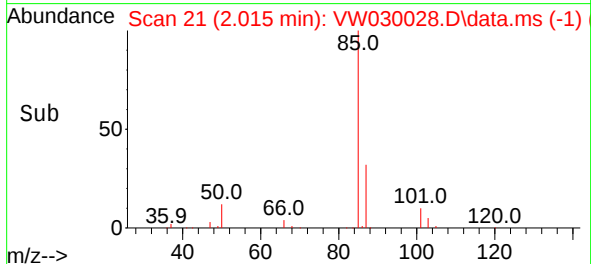
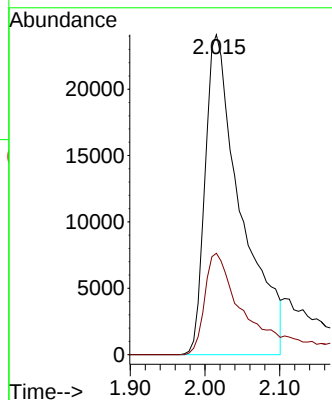
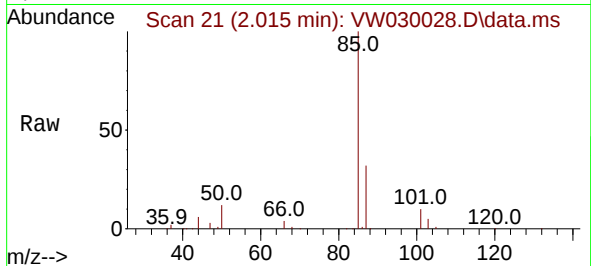




#2
 Dichlorodifluoromethane
 Concen: 22.715 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030028.D
 Acq: 26 Aug 2024 15:58

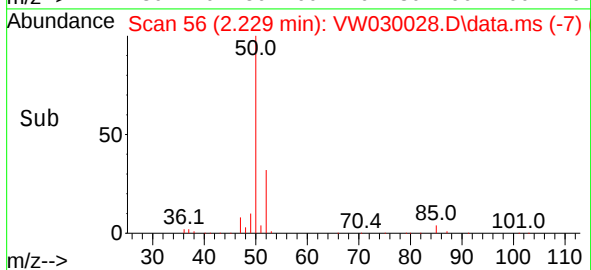
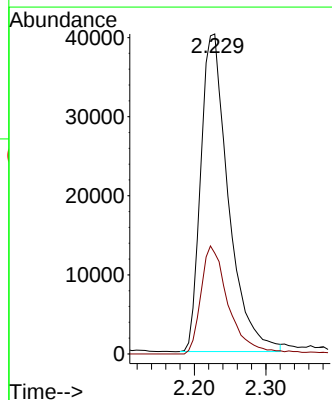
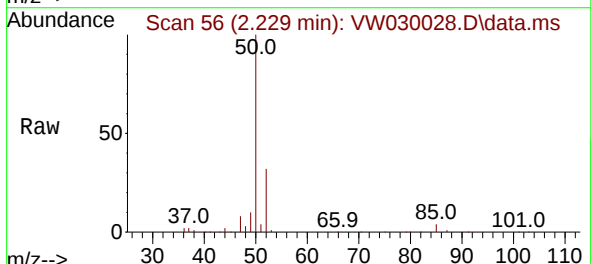
Instrument :
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 ClientSampleId :

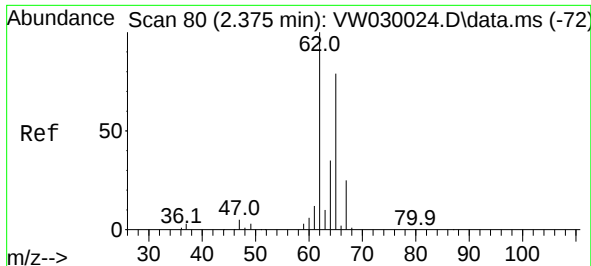
Tgt Ion: 85 Resp: 80127
 Ion Ratio Lower Upper
 85 100
 87 30.1 24.2 36.2



#3
 Chloromethane
 Concen: 26.259 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW030028.D
 Acq: 26 Aug 2024 15:58

Tgt Ion: 50 Resp: 107679
 Ion Ratio Lower Upper
 50 100
 52 31.5 21.6 40.2

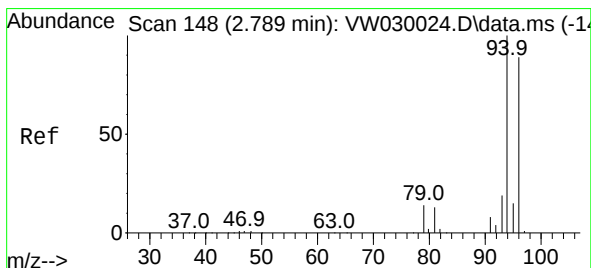
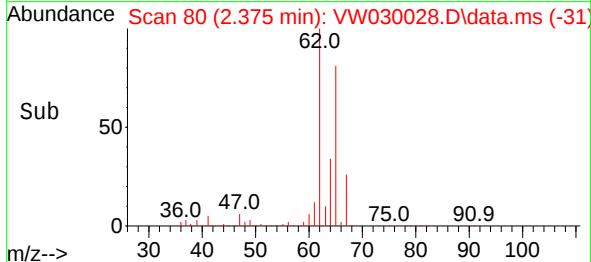
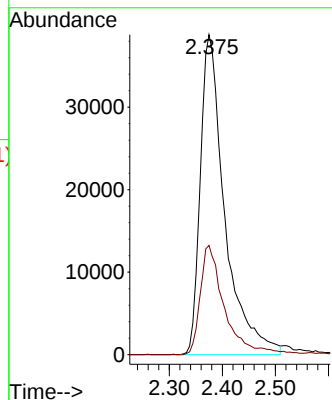
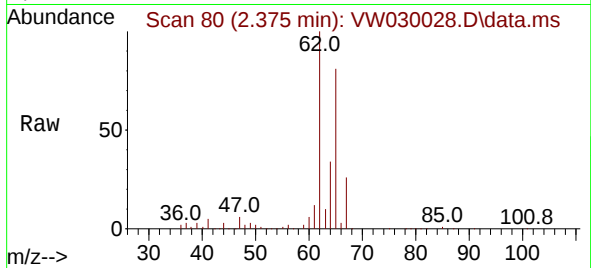




#5
 Vinyl chloride
 Concen: 25.597 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030028.D
 Acq: 26 Aug 2024 15:58

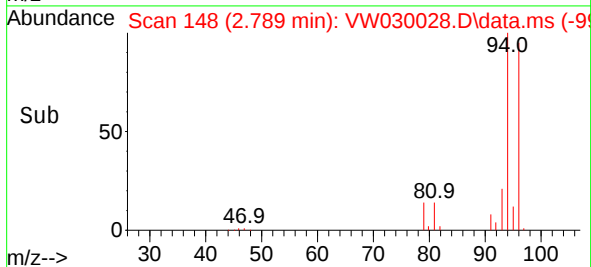
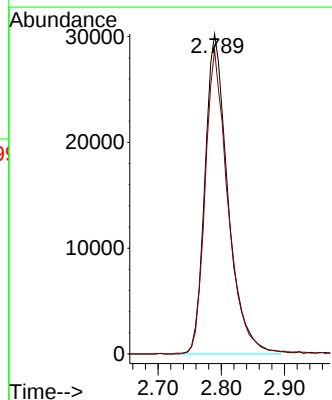
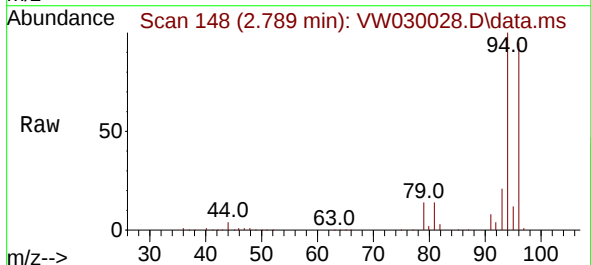
Instrument :
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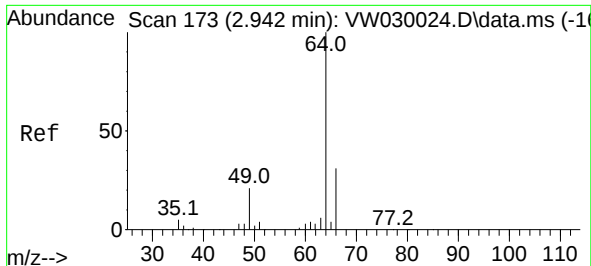
Tgt Ion: 62 Resp: 124067
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.4 45.4



#6
 Bromomethane
 Concen: 25.367 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030028.D
 Acq: 26 Aug 2024 15:58

Tgt Ion: 94 Resp: 76406
 Ion Ratio Lower Upper
 94 100
 96 94.9 62.4 115.8

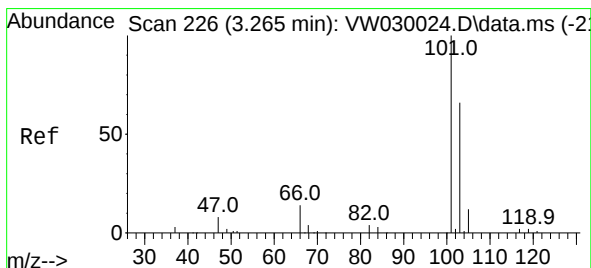
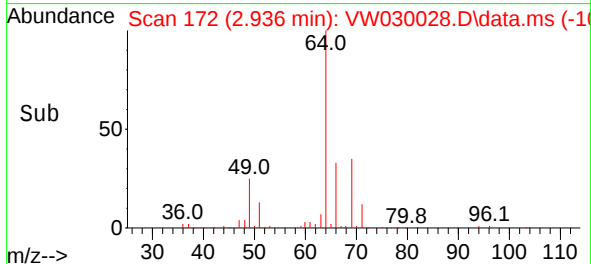
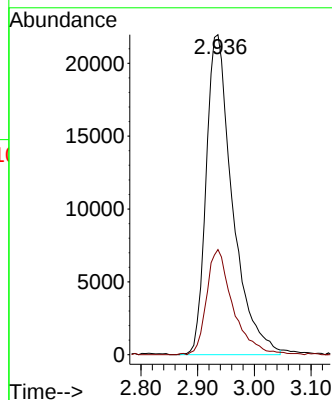
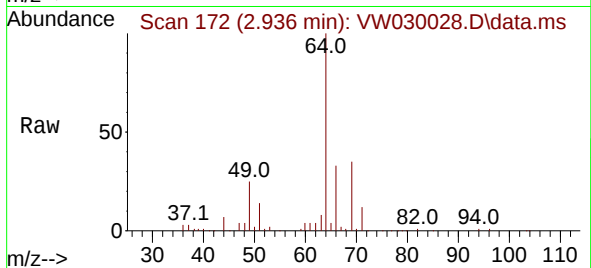




#8
Chloroethane
Concen: 25.392 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

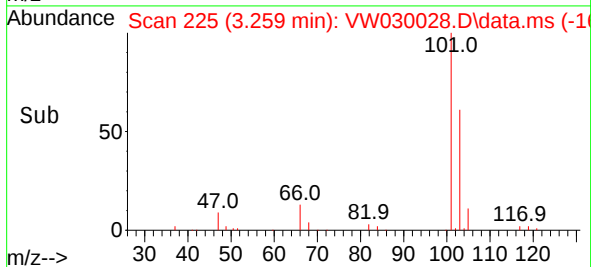
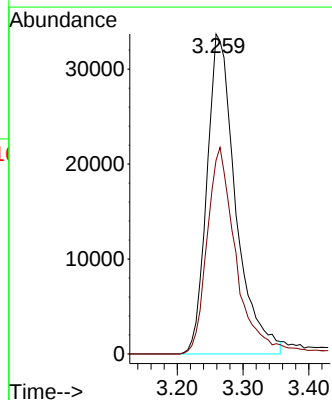
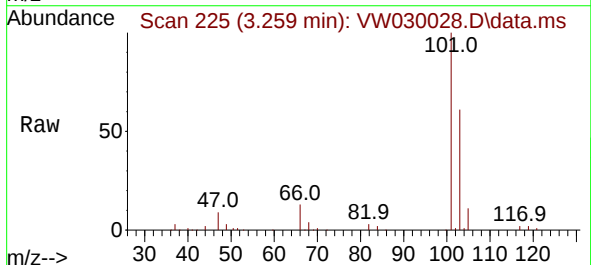
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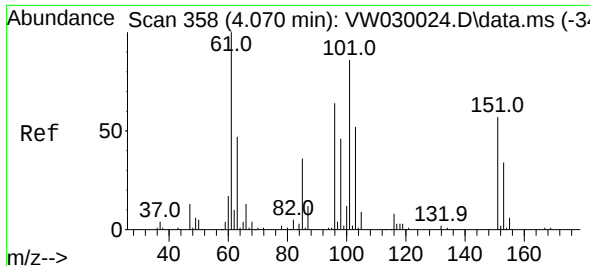
Tgt Ion: 64 Resp: 70919
Ion Ratio Lower Upper
64 100
66 32.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.408 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Tgt Ion:101 Resp: 102446
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1





#10

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

Concen: 25.863 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :

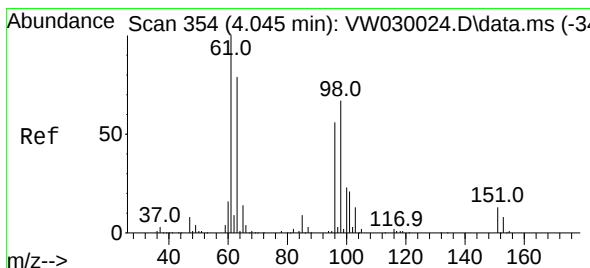
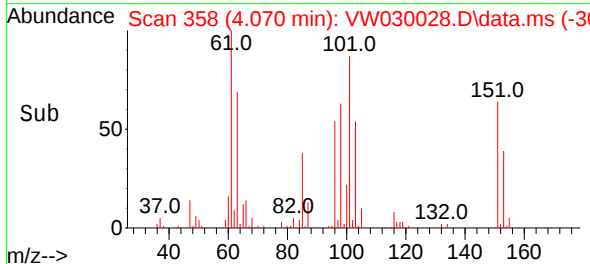
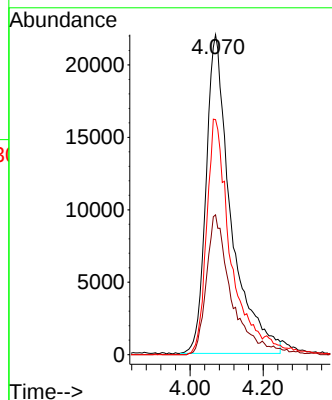
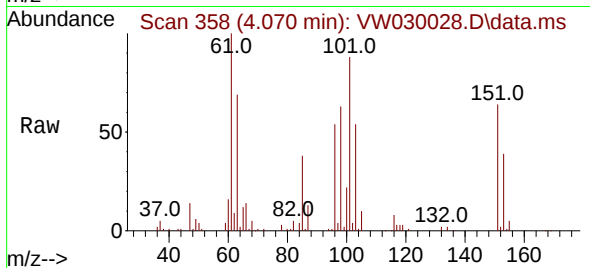
Tgt Ion:101 Resp: 103853

Ion Ratio Lower Upper

101 100

85 41.7 34.7 52.1

151 69.4 54.8 82.2



#12

1,1-Dichloroethene

Concen: 25.556 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

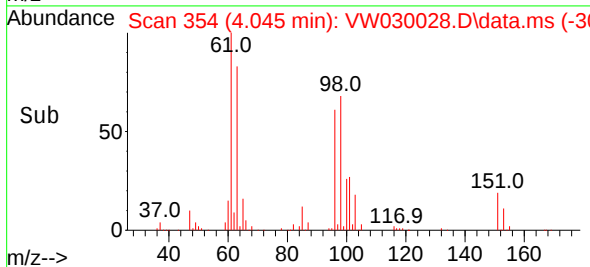
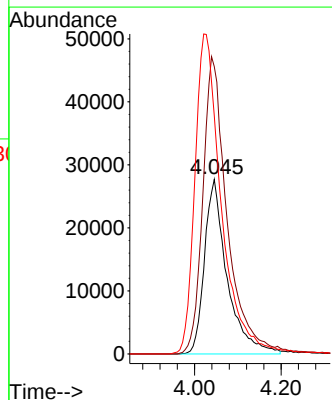
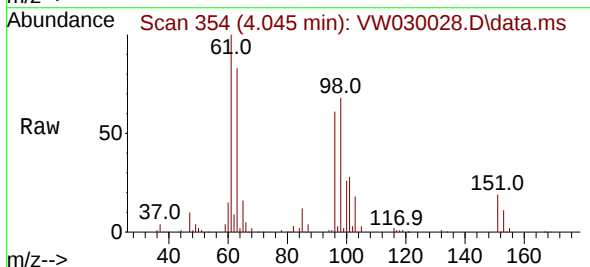
Tgt Ion: 96 Resp: 100469

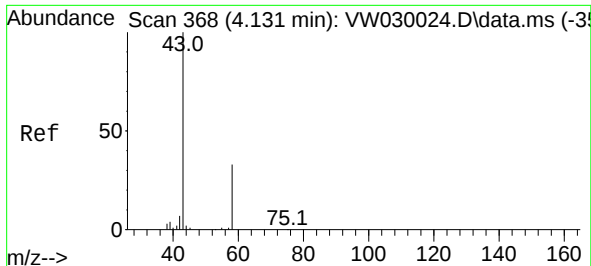
Ion Ratio Lower Upper

96 100

61 164.6 126.0 234.0

63 136.4 101.8 189.2

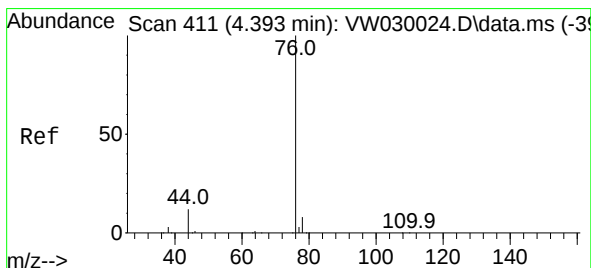
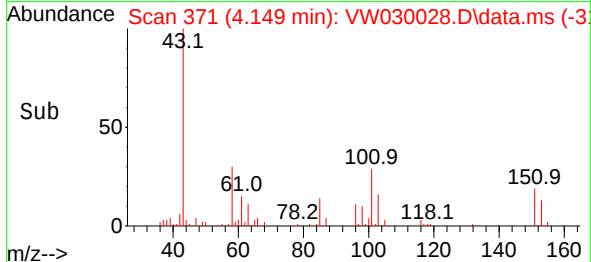
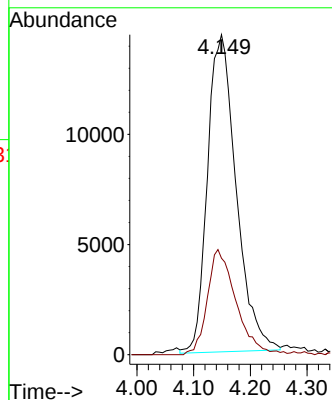
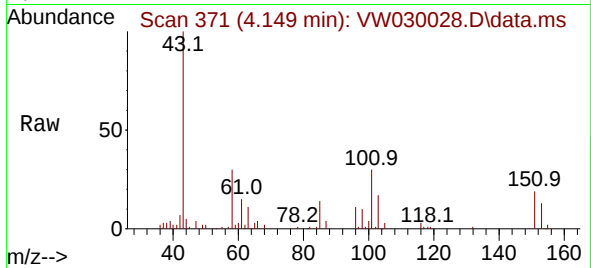




#13
Acetone
Concen: 60.966 ug/L
RT: 4.149 min Scan# 371
Delta R.T. 0.018 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

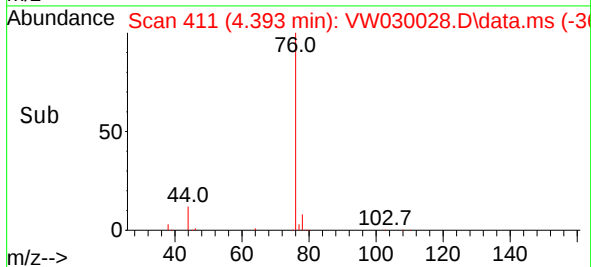
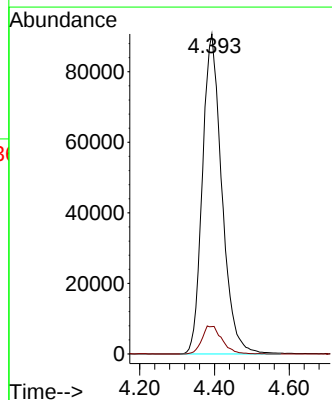
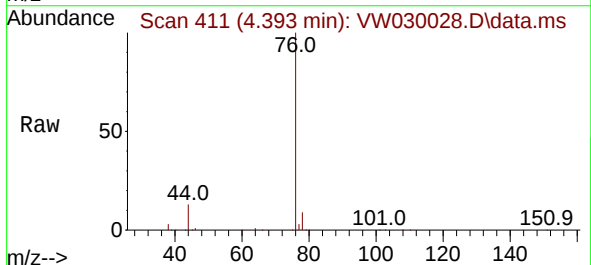
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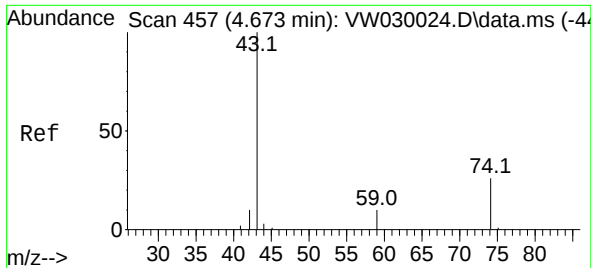
Tgt Ion: 43 Resp: 50734
Ion Ratio Lower Upper
43 100
58 32.6 0.0 66.4



#14
Carbon disulfide
Concen: 26.845 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Tgt Ion: 76 Resp: 327396
Ion Ratio Lower Upper
76 100
78 8.5 6.6 9.8

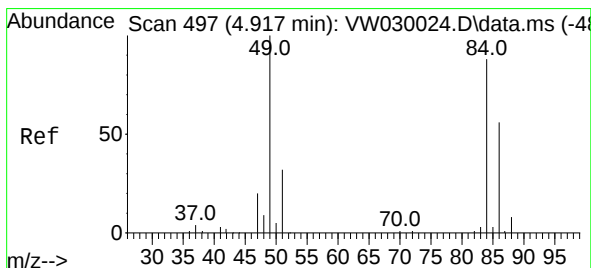
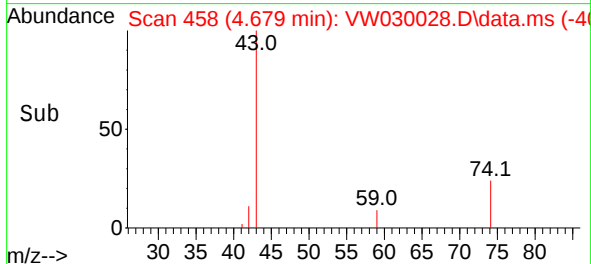
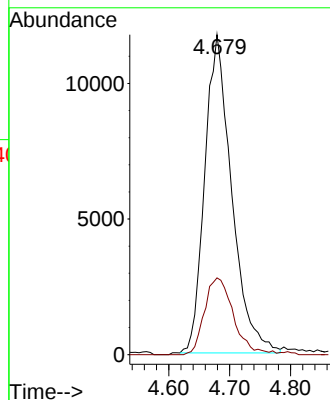
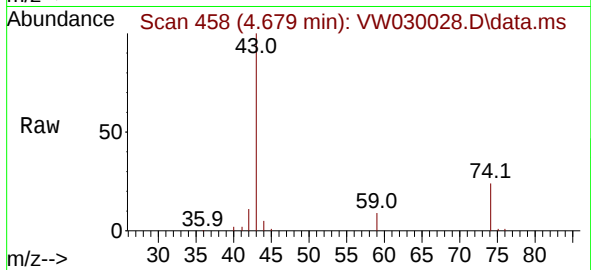




#15
Methyl Acetate
Concen: 22.223 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

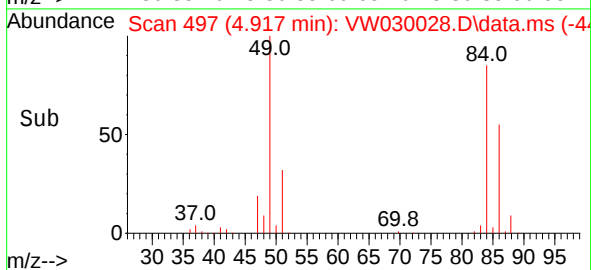
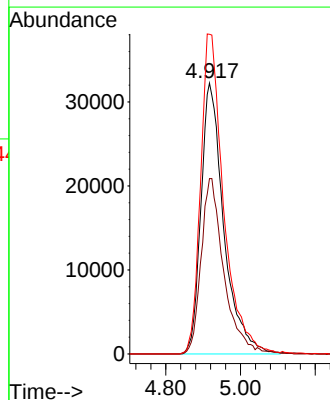
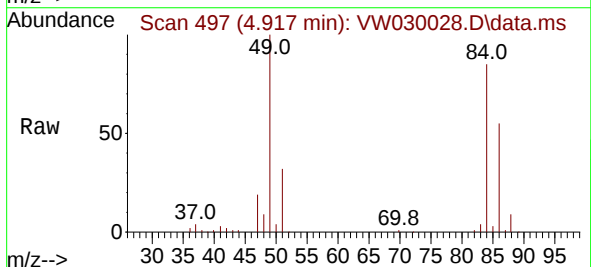
Instrument :
MSVOA_W
ClientSampleId :

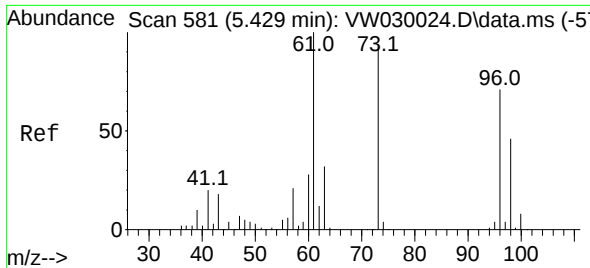
Tgt Ion: 43 Resp: 36056
Ion Ratio Lower Upper
43 100
74 25.2 19.9 29.9



#16
Methylene chloride
Concen: 26.932 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Tgt Ion: 84 Resp: 136454
Ion Ratio Lower Upper
84 100
86 64.7 44.2 82.2
49 118.0 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 25.562 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :

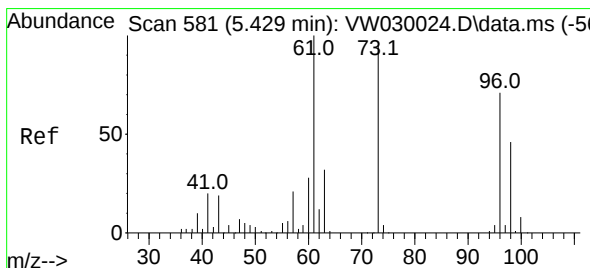
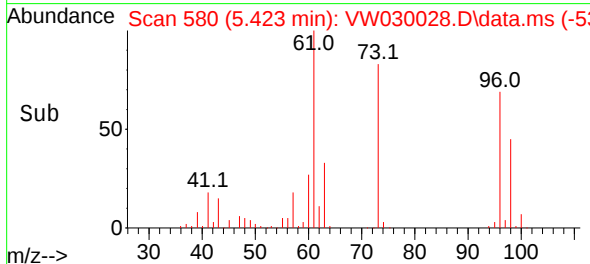
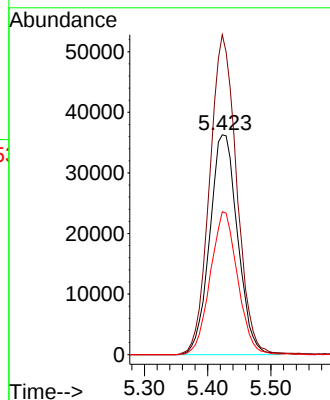
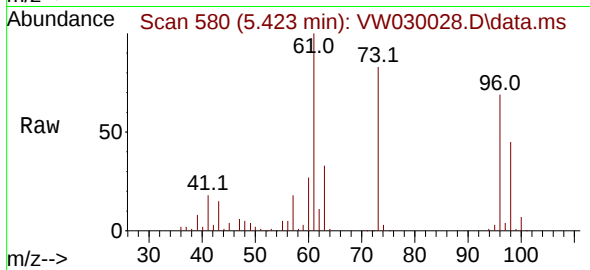
Tgt Ion: 96 Resp: 111135

Ion Ratio Lower Upper

96 100

61 145.5 98.3 182.7

98 65.0 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 23.207 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

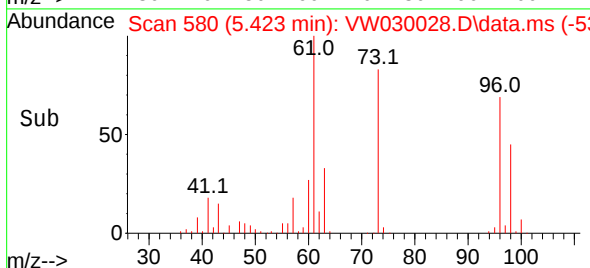
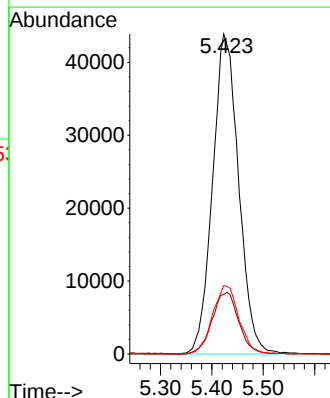
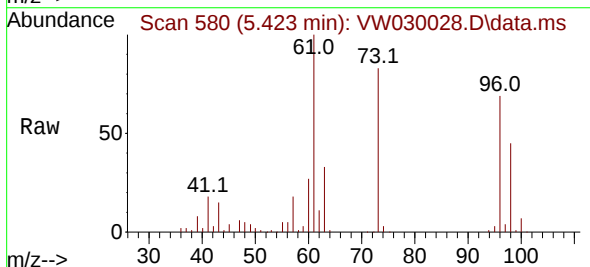
Tgt Ion: 73 Resp: 154306

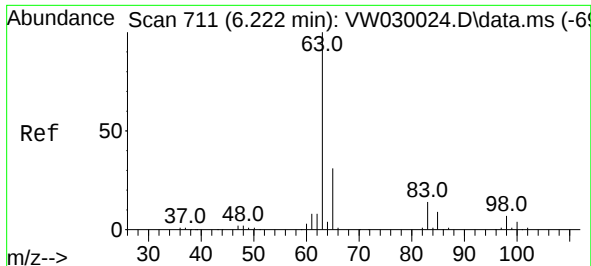
Ion Ratio Lower Upper

73 100

43 19.6 15.4 23.2

57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 25.014 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :

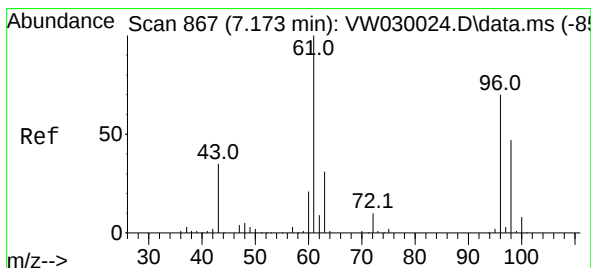
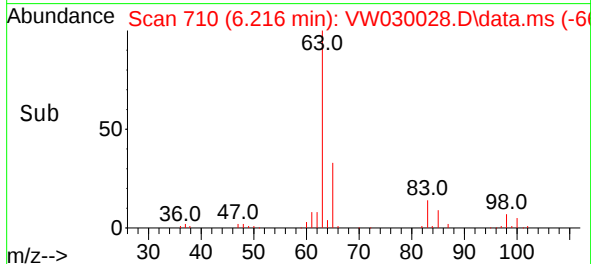
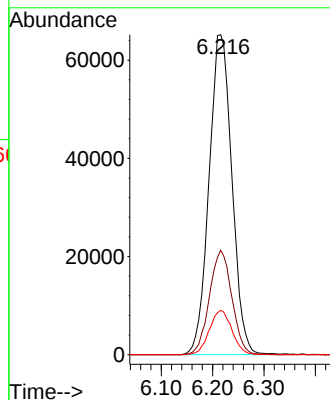
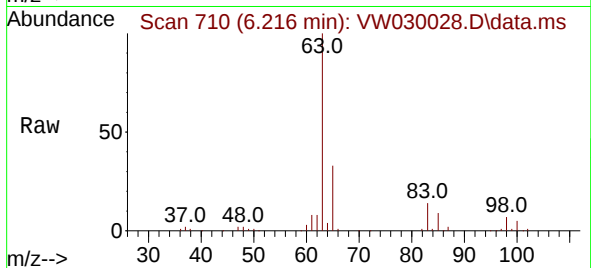
Tgt Ion: 63 Resp: 202094

Ion Ratio Lower Upper

63 100

65 32.6 21.6 40.0

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.407 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

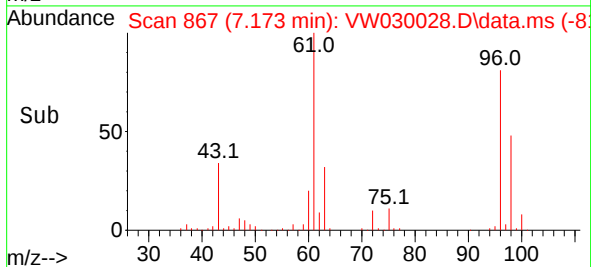
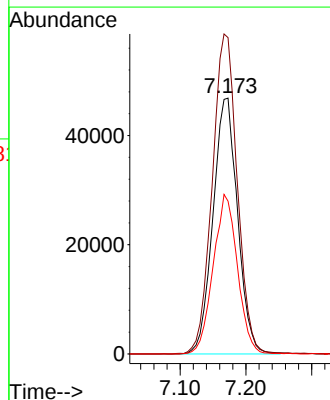
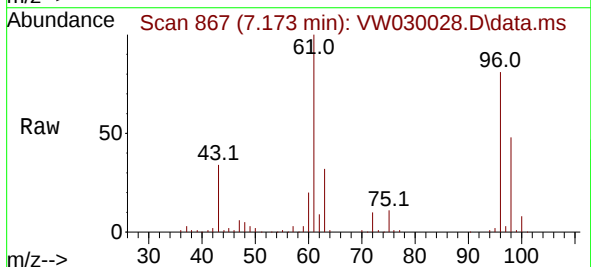
Tgt Ion: 96 Resp: 122089

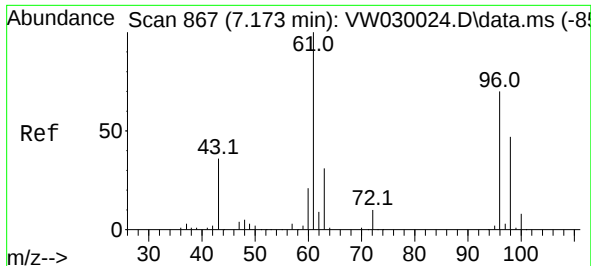
Ion Ratio Lower Upper

96 100

61 123.6 99.6 185.0

98 59.7 46.5 86.5

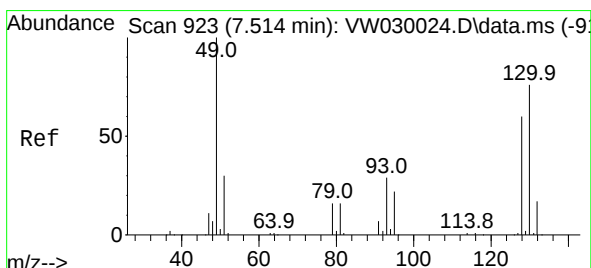
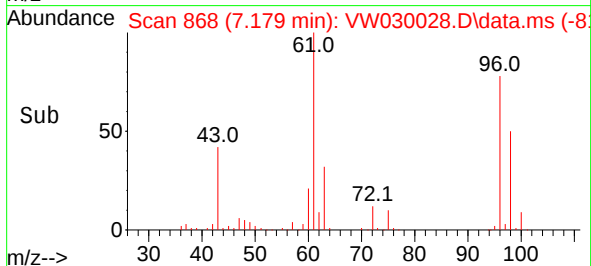
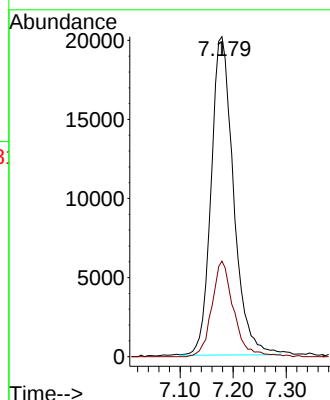
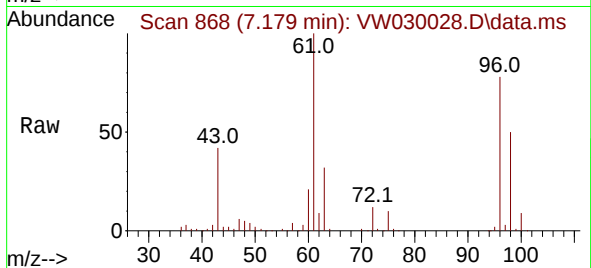




#22
2-Butanone
Concen: 49.678 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

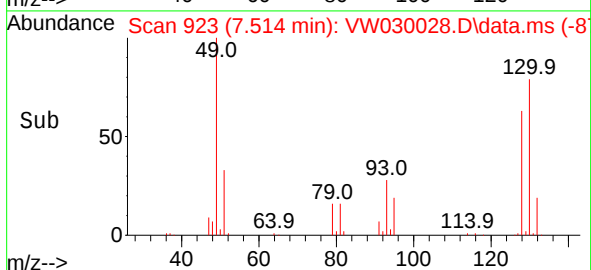
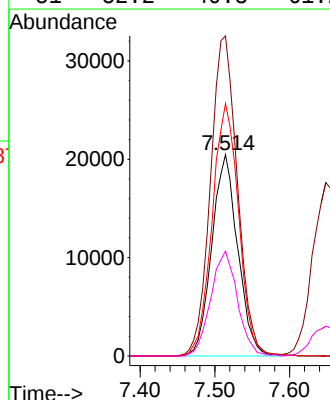
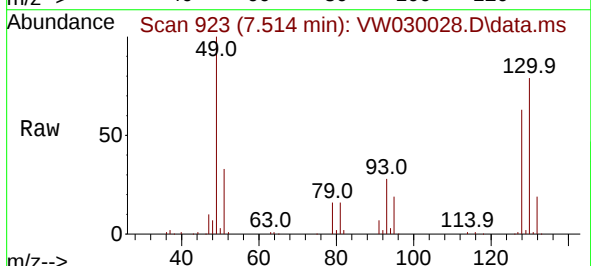
Instrument :
MSVOA_W
ClientSampleId :

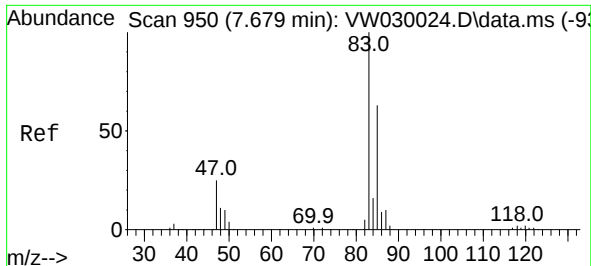
Tgt Ion: 43 Resp: 59156
Ion Ratio Lower Upper
43 100
72 28.3 15.0 45.1



#23
Bromochloromethane
Concen: 24.251 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Tgt Ion:128 Resp: 49429
Ion Ratio Lower Upper
128 100
49 158.9 117.3 217.9
130 125.3 89.3 165.9
51 52.2 40.8 61.2





#25

Chloroform

Concen: 24.813 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

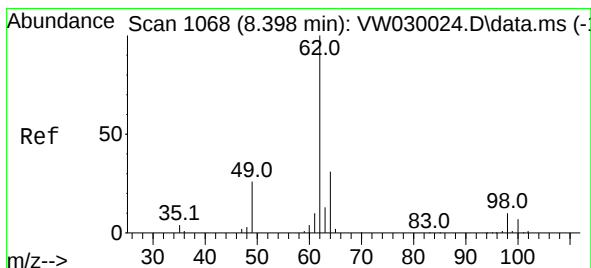
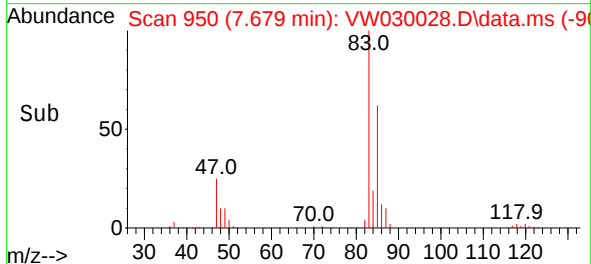
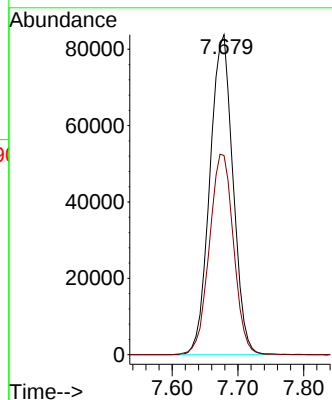
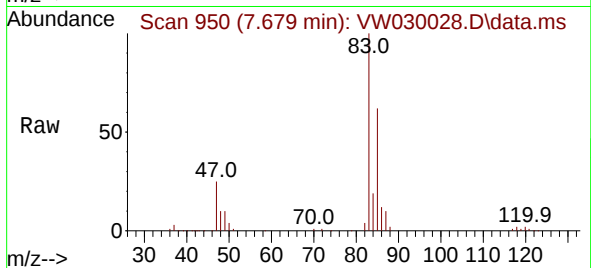
ClientSampleId :

Tgt Ion: 83 Resp: 205050

Ion Ratio Lower Upper

83 100

85 62.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 23.886 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030028.D

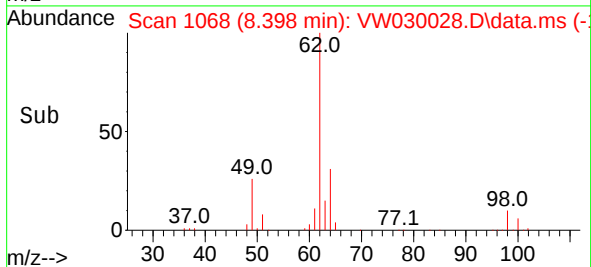
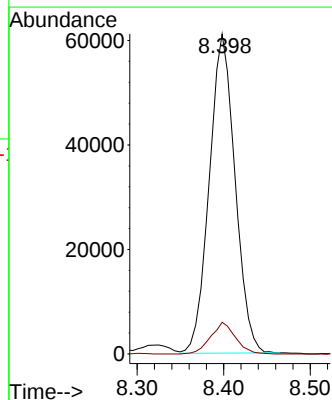
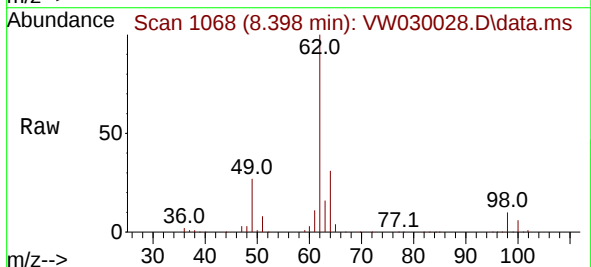
Acq: 26 Aug 2024 15:58

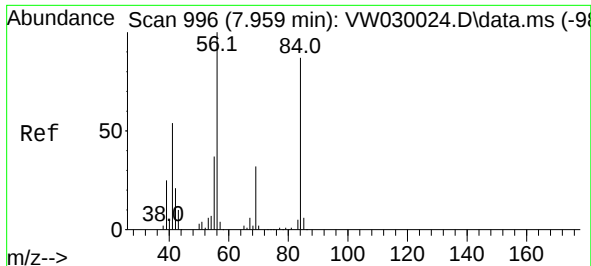
Tgt Ion: 62 Resp: 126351

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5





#29

Cyclohexane

Concen: 26.963 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

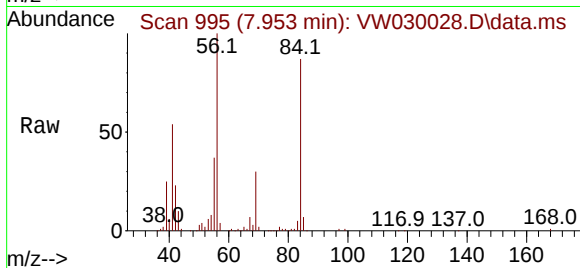
Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :



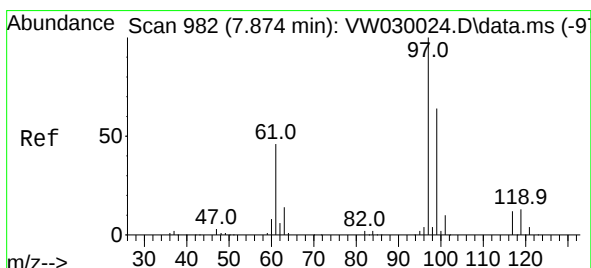
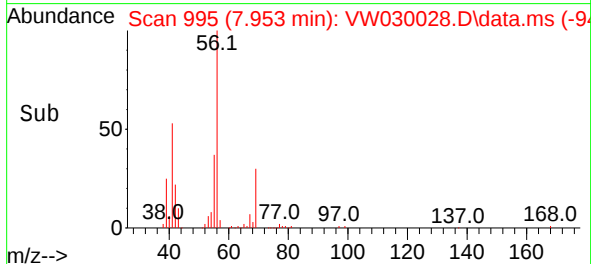
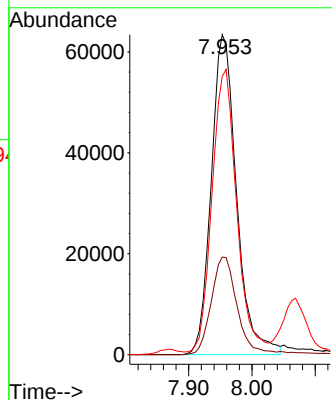
Tgt Ion: 56 Resp: 176344

Ion Ratio Lower Upper

56 100

69 30.9 24.4 36.6

84 86.9 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 25.866 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

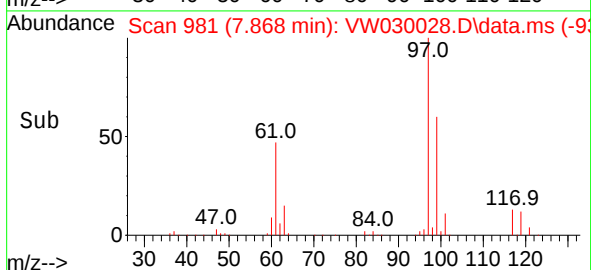
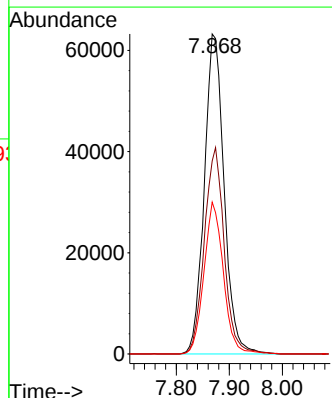
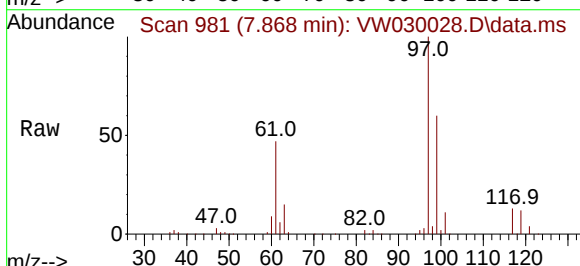
Tgt Ion: 97 Resp: 164101

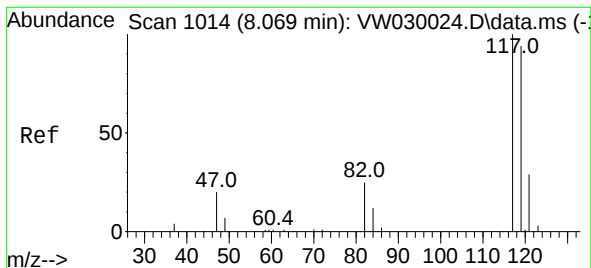
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 46.7 37.2 55.8





#31

Carbon tetrachloride

Concen: 25.777 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

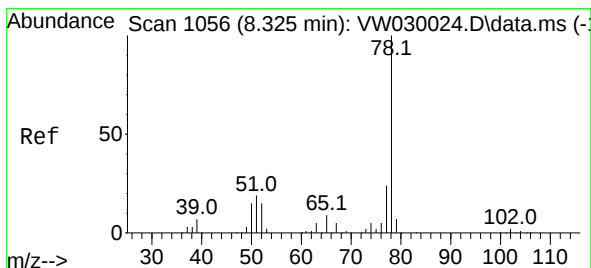
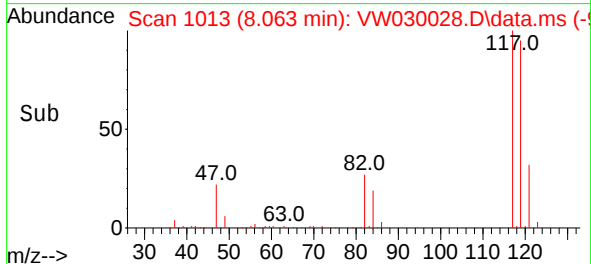
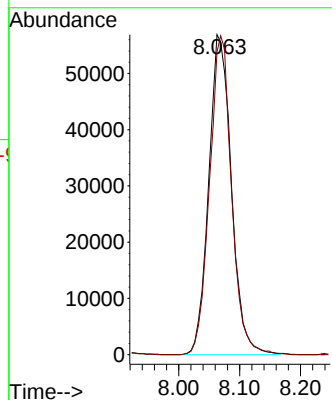
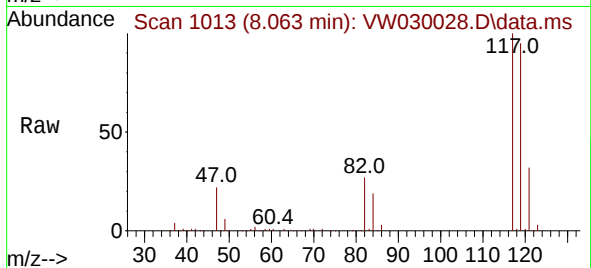
ClientSampleId :

Tgt Ion:117 Resp: 146920

Ion Ratio Lower Upper

117 100

119 96.3 77.7 116.5



#33

Benzene

Concen: 26.265 ug/L

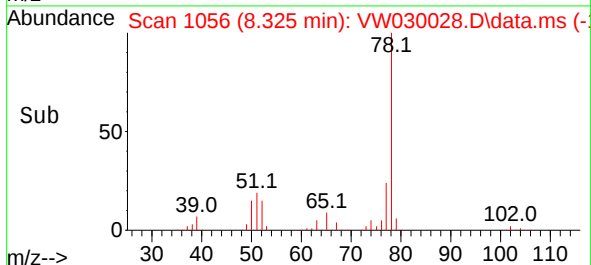
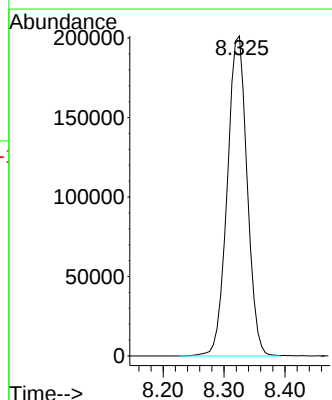
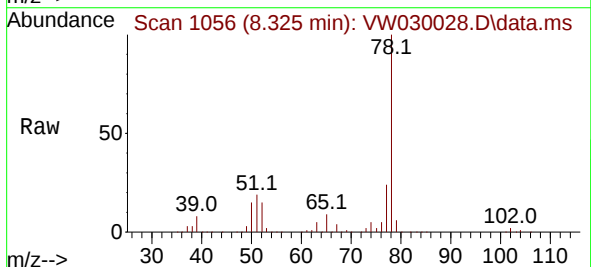
RT: 8.325 min Scan# 1056

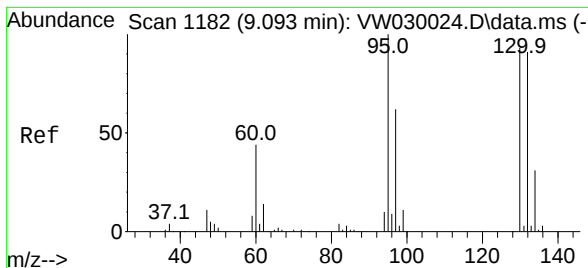
Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Tgt Ion: 78 Resp: 455802





#34

Trichloroethene

Concen: 26.315 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 122968

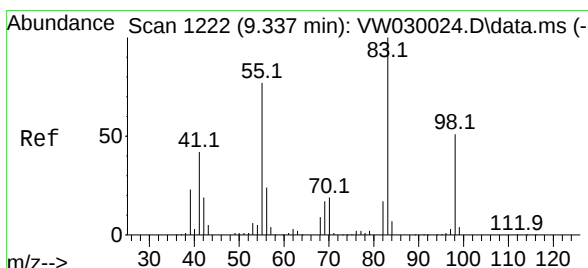
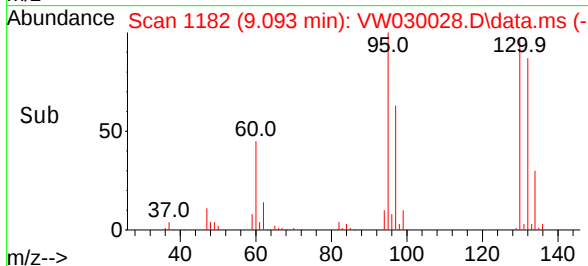
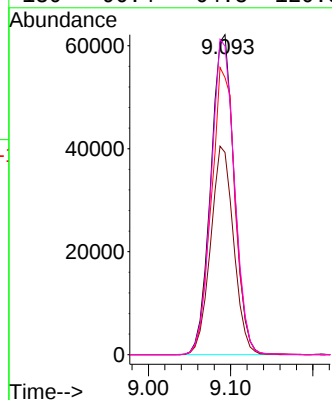
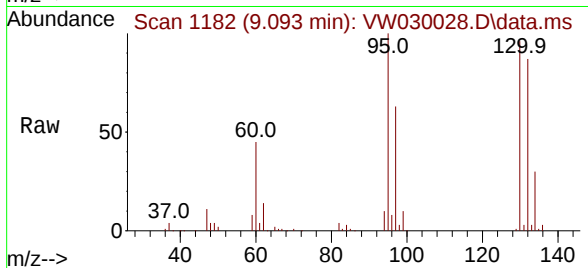
Ion Ratio Lower Upper

95 100

97 63.2 43.3 80.5

132 86.6 63.6 118.0

130 96.4 64.8 120.3



#35

Methylcyclohexane

Concen: 27.452 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

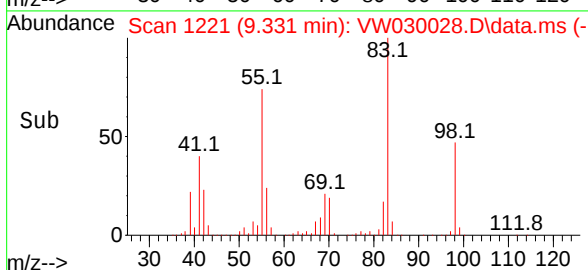
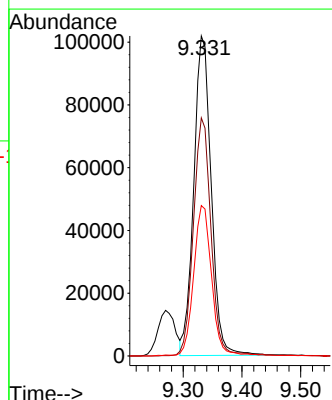
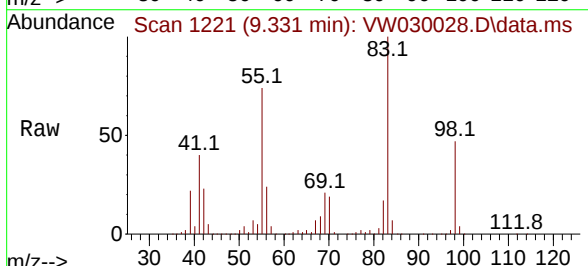
Tgt Ion: 83 Resp: 210103

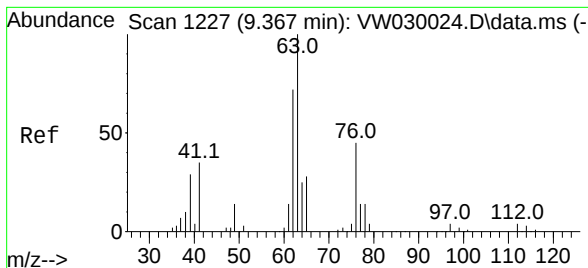
Ion Ratio Lower Upper

83 100

55 75.2 59.0 88.6

98 47.4 38.2 57.4





#37

1,2-Dichloropropane

Concen: 25.787 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

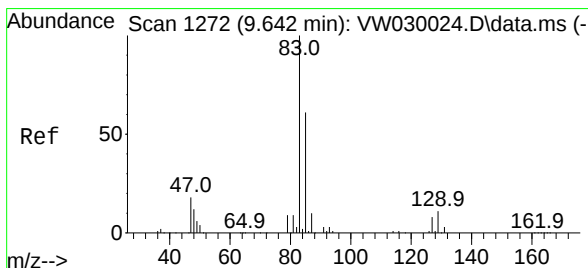
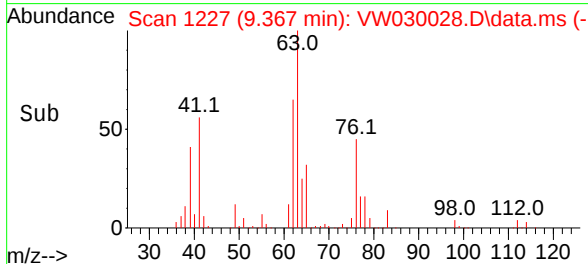
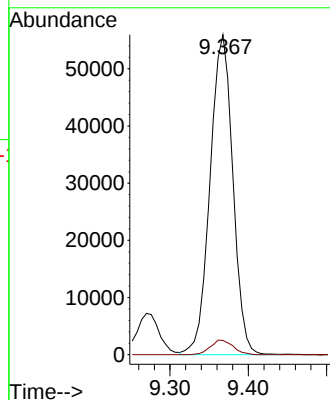
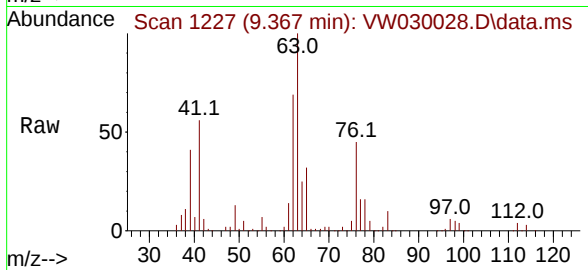
ClientSampleId :

Tgt Ion: 63 Resp: 113322

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 25.518 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

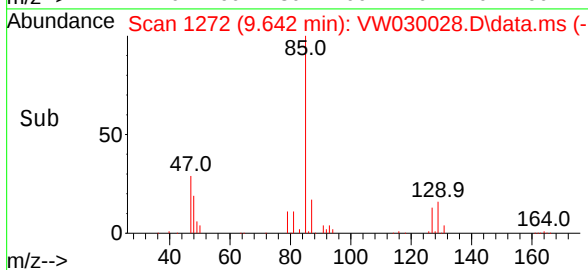
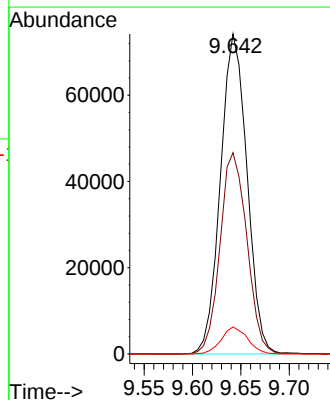
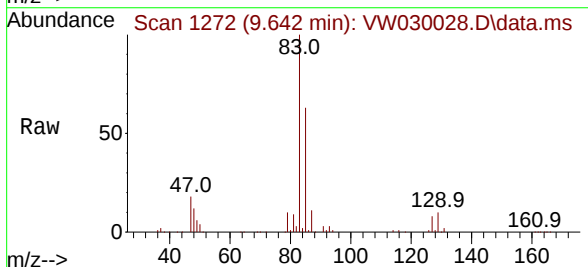
Tgt Ion: 83 Resp: 141495

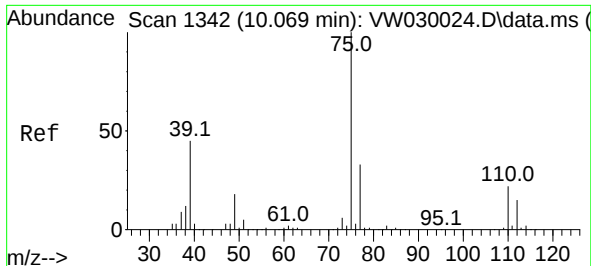
Ion Ratio Lower Upper

83 100

85 62.9 42.9 79.7

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 26.478 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

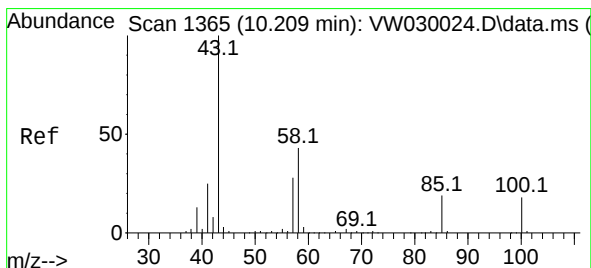
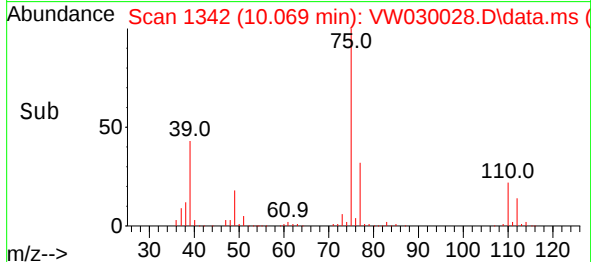
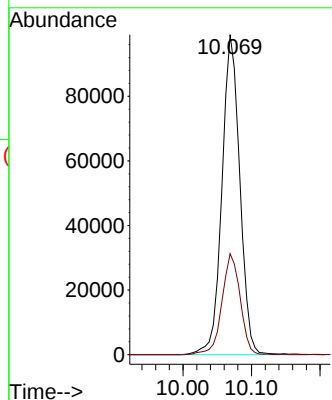
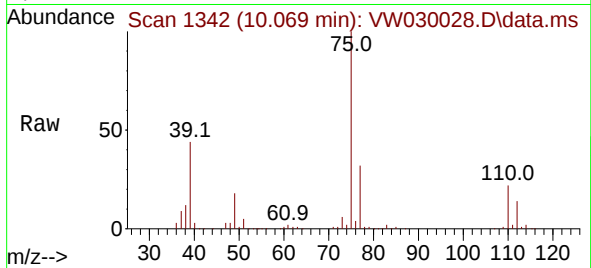
ClientSampleId :

Tgt Ion: 75 Resp: 179093

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 48.283 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

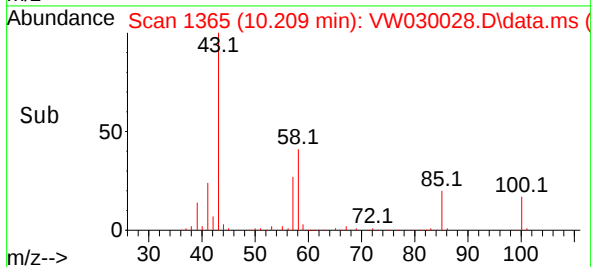
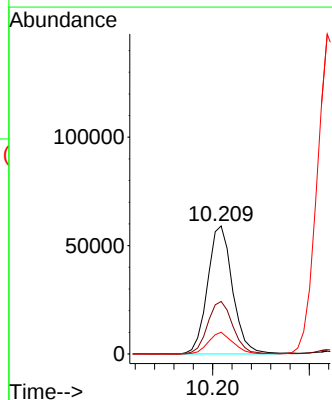
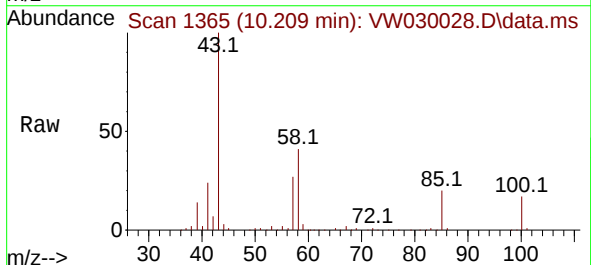
Tgt Ion: 43 Resp: 105619

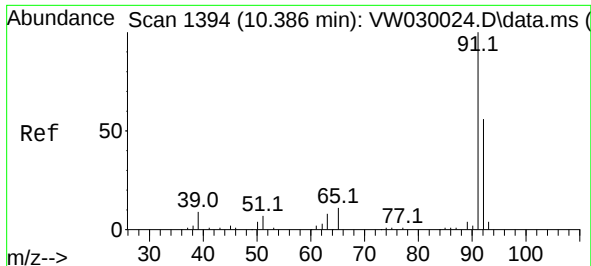
Ion Ratio Lower Upper

43 100

58 41.6 34.0 51.0

100 16.7 13.5 20.3





#42

Toluene

Concen: 27.070 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

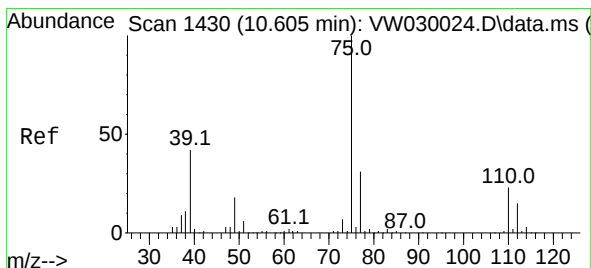
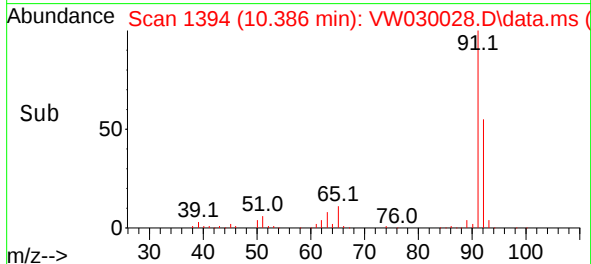
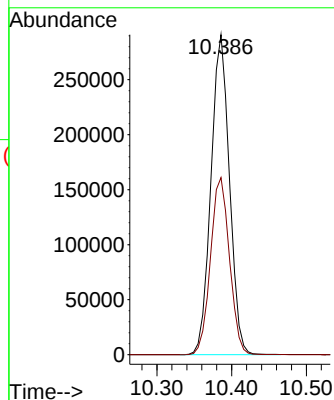
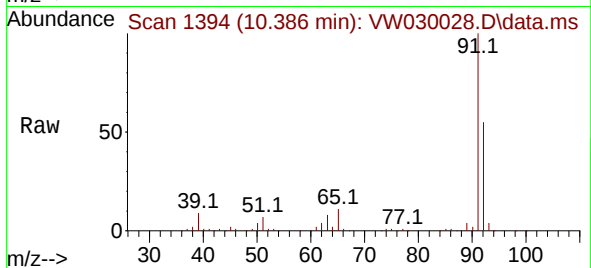
ClientSampleId :

Tgt Ion: 91 Resp: 500281

Ion Ratio Lower Upper

91 100

92 55.3 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 26.216 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030028.D

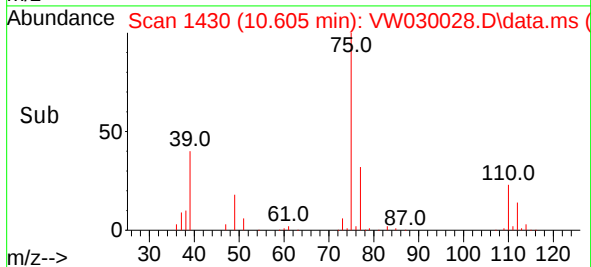
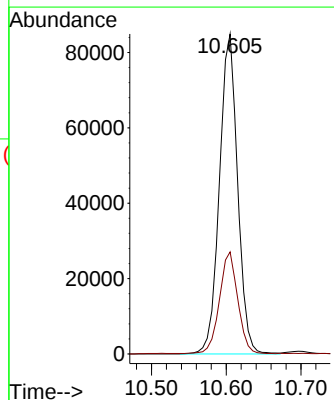
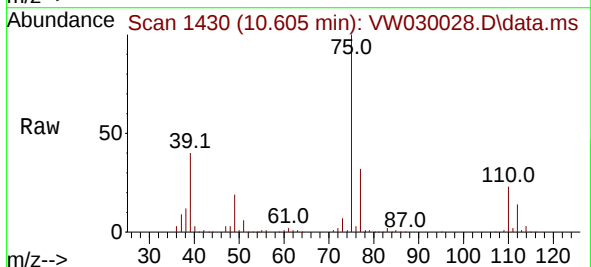
Acq: 26 Aug 2024 15:58

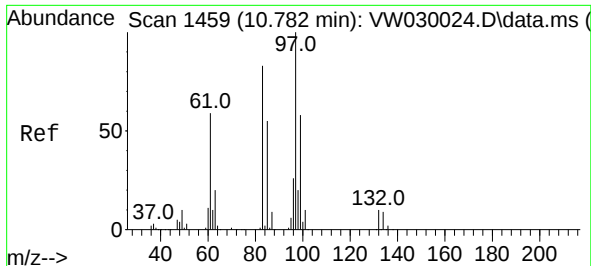
Tgt Ion: 75 Resp: 143488

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.652 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 79403

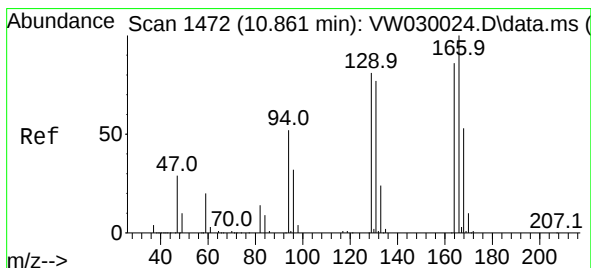
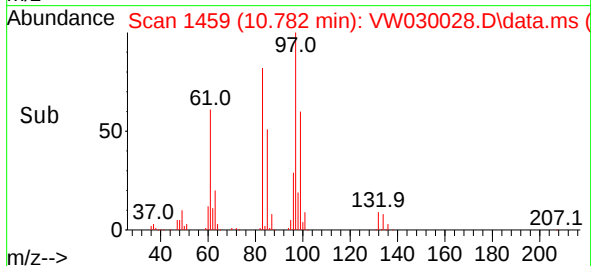
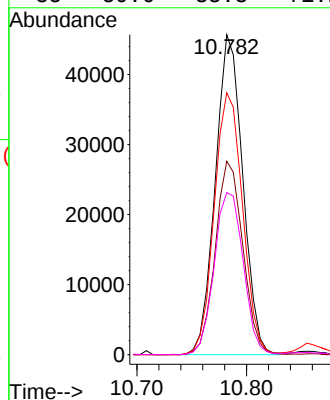
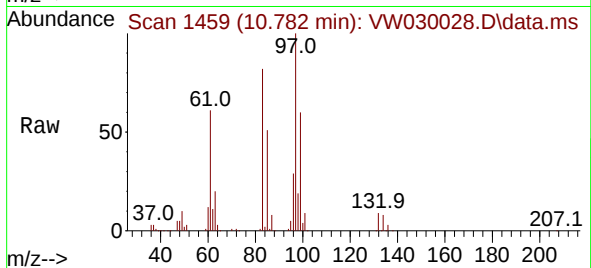
Ion Ratio Lower Upper

97 100

99 60.5 40.3 74.8

83 81.8 58.0 107.6

85 50.6 38.3 71.1



#46

Tetrachloroethene

Concen: 27.371 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Tgt Ion:164 Resp: 97077

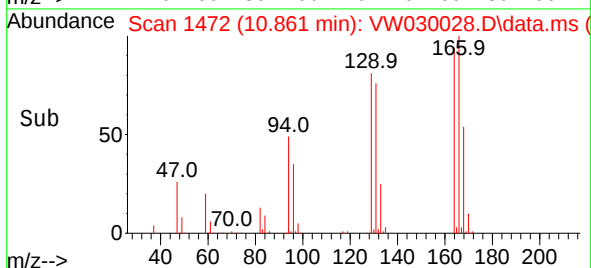
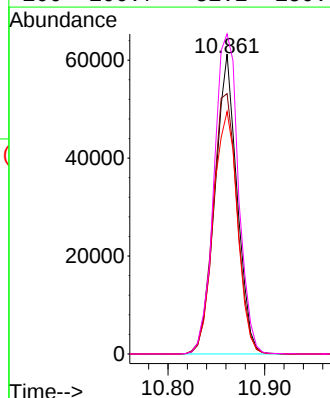
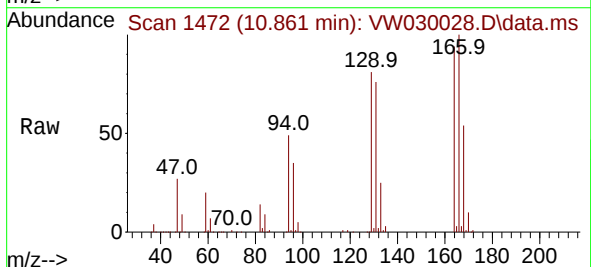
Ion Ratio Lower Upper

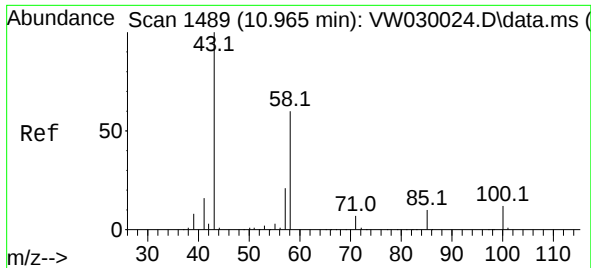
164 100

129 86.8 66.1 122.7

131 80.8 62.6 116.2

166 106.7 81.2 150.8

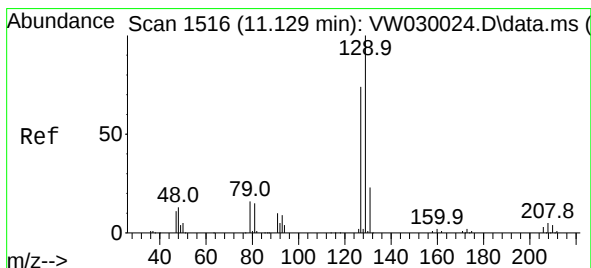
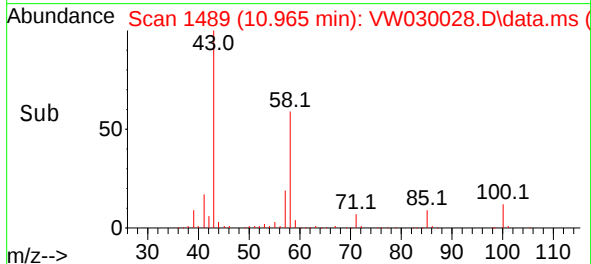
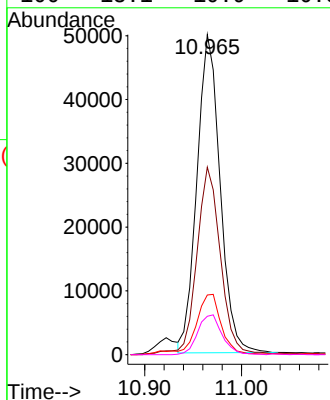
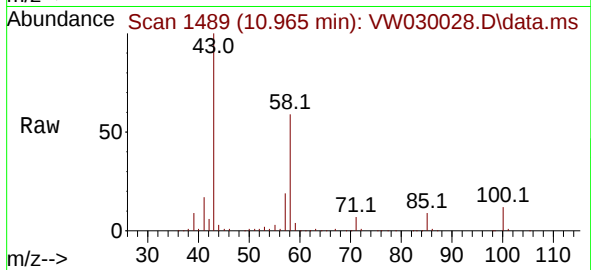




#48
2-Hexanone
Concen: 53.545 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

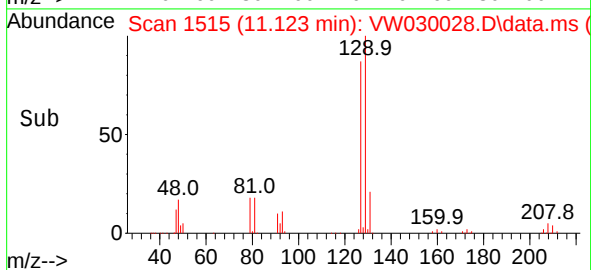
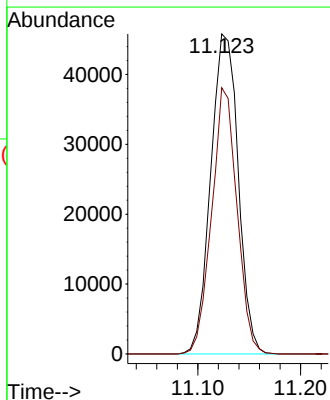
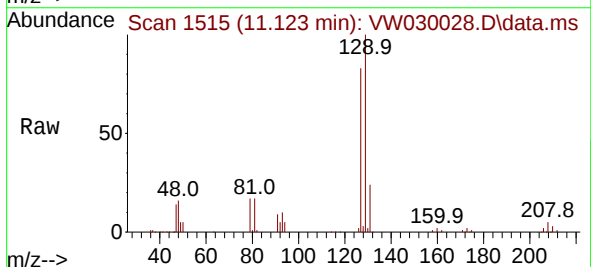
Instrument :
MSVOA_W
ClientSampleId :

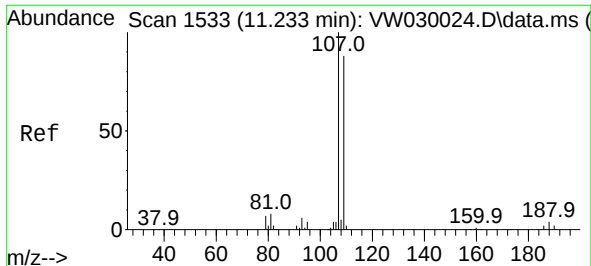
Tgt Ion:	43	Resp:	83268
Ion Ratio	Lower	Upper	
43	100		
58	59.4	50.0	75.0
57	19.7	17.3	25.9
100	13.1	10.9	16.3



#49
Dibromochloromethane
Concen: 24.841 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Tgt Ion:	129	Resp:	85014
Ion Ratio	Lower	Upper	
129	100		
127	83.2	51.8	96.2





#50

1,2-Dibromoethane

Concen: 23.902 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

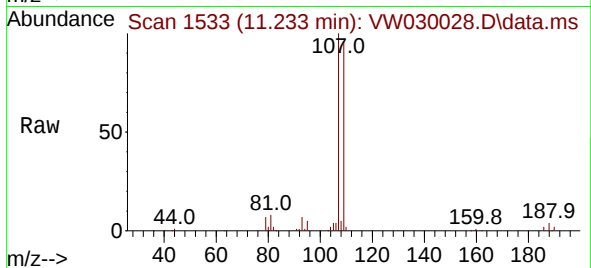
Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :



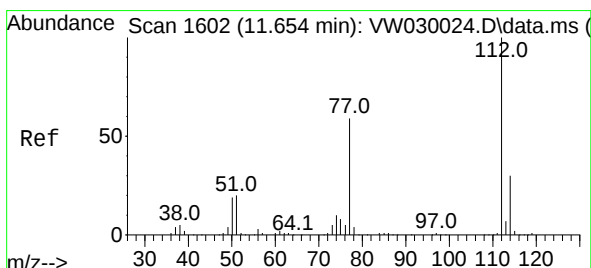
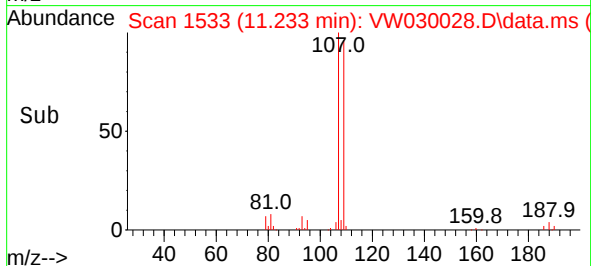
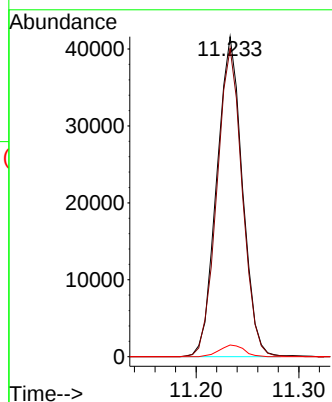
Tgt Ion:107 Resp: 71916

Ion Ratio Lower Upper

107 100

109 96.4 61.7 114.5

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 25.459 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

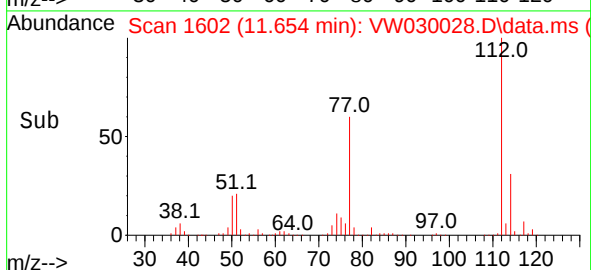
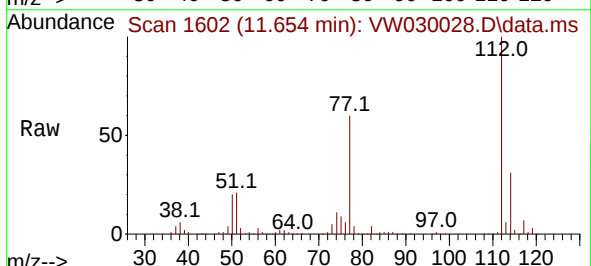
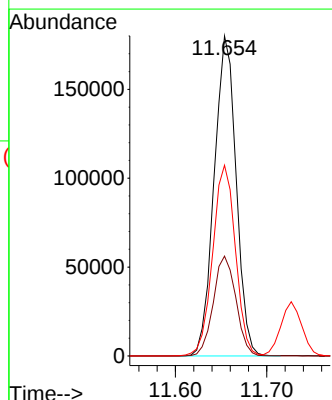
Tgt Ion:112 Resp: 300837

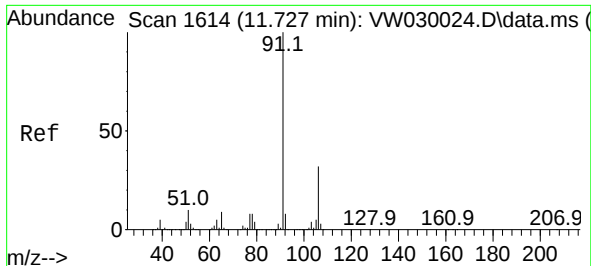
Ion Ratio Lower Upper

112 100

114 31.2 20.9 38.9

77 59.6 47.1 70.7





#52

Ethylbenzene

Concen: 27.175 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

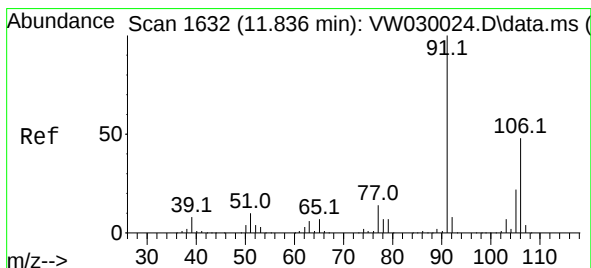
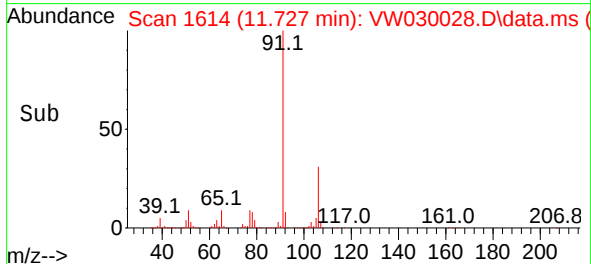
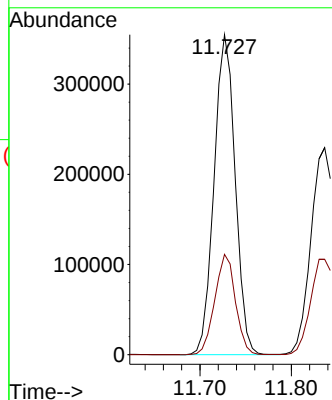
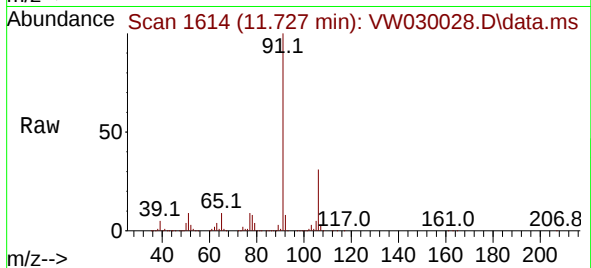
ClientSampleId :

Tgt Ion: 91 Resp: 569053

Ion Ratio Lower Upper

91 100

106 31.4 22.0 41.0



#53

m,p-Xylene

Concen: 26.524 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030028.D

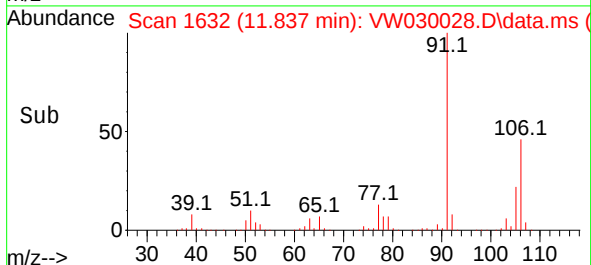
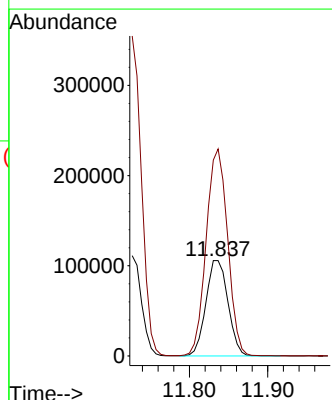
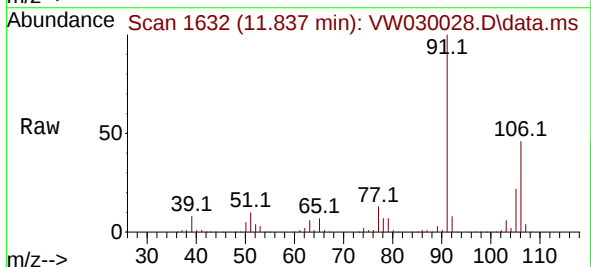
Acq: 26 Aug 2024 15:58

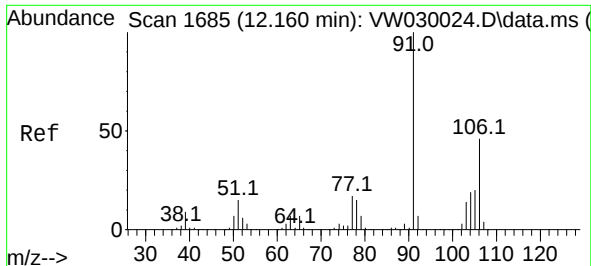
Tgt Ion:106 Resp: 207274

Ion Ratio Lower Upper

106 100

91 217.0 146.7 272.4

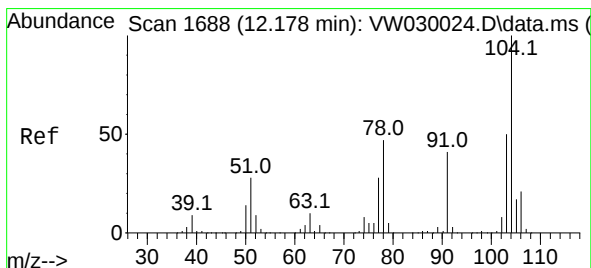
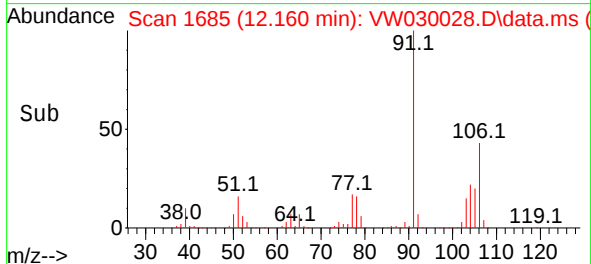
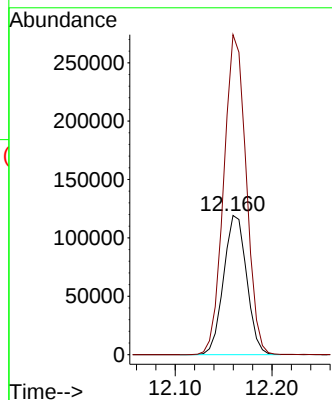
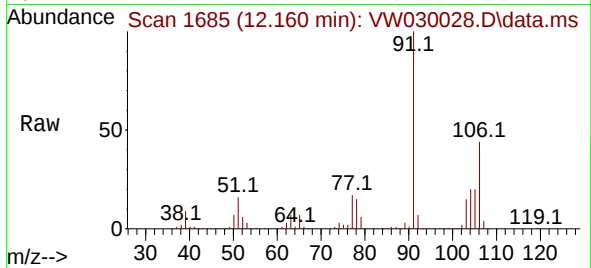




#54
o-Xylene
Concen: 26.346 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

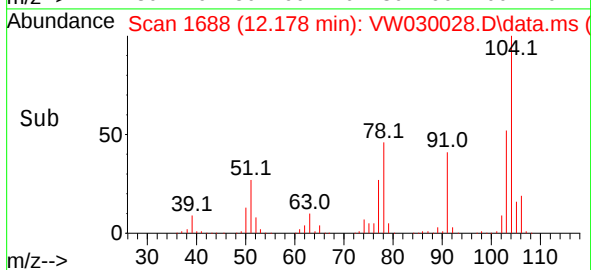
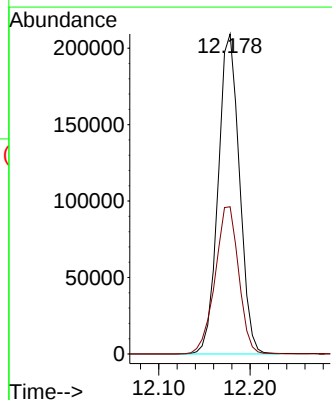
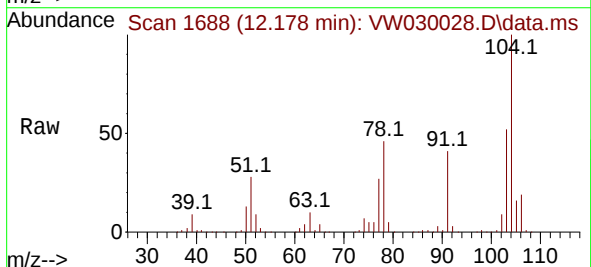
Instrument :
MSVOA_W
ClientSampleId :

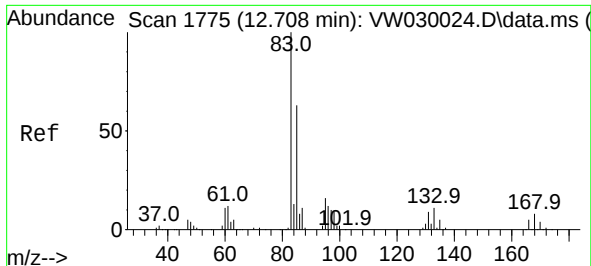
Tgt Ion:106 Resp: 197607
Ion Ratio Lower Upper
106 100
91 229.8 153.9 285.7



#55
Styrene
Concen: 26.960 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Tgt Ion:104 Resp: 338806
Ion Ratio Lower Upper
104 100
78 46.0 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.638 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW030028.D

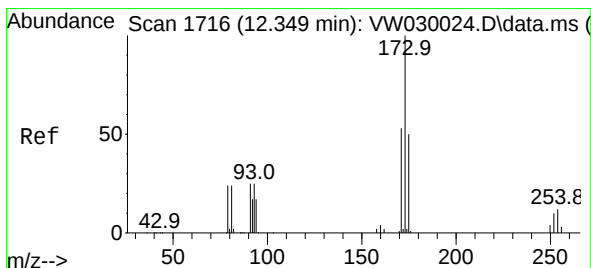
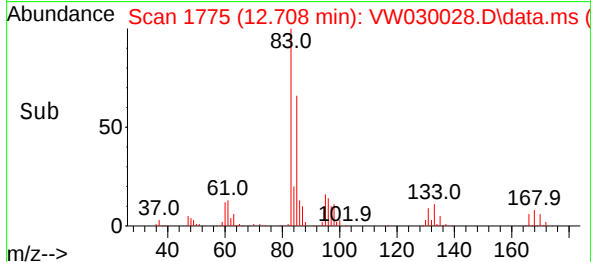
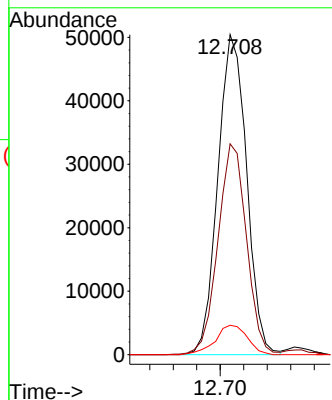
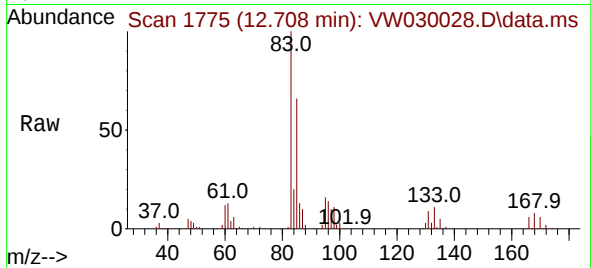
Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	85738
Ion Ratio	Lower	Upper	
83	100		
85	65.9	44.0	81.8
131	9.2	7.3	10.9



#59

Bromoform

Concen: 23.948 ug/L

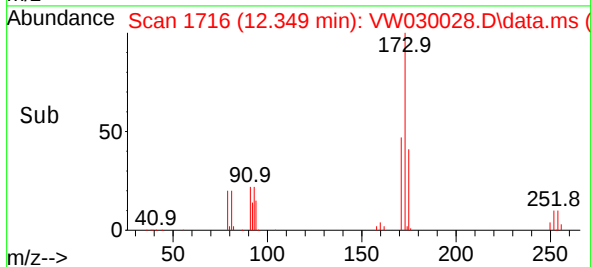
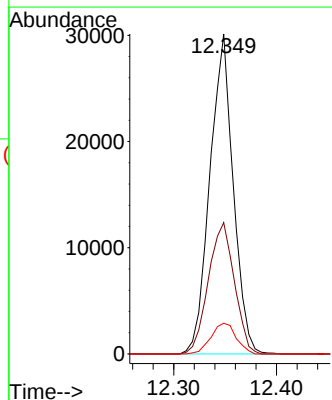
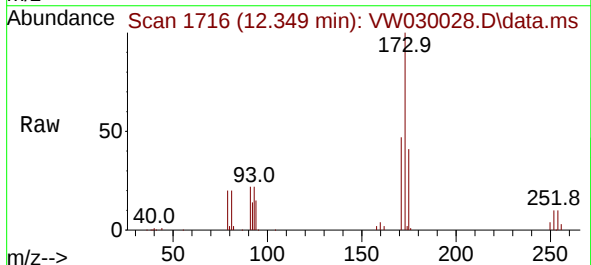
RT: 12.349 min Scan# 1716

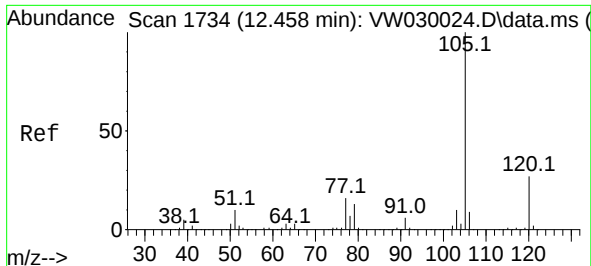
Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Tgt Ion:	173	Resp:	47502
Ion Ratio	Lower	Upper	
173	100		
175	45.6	41.4	62.2
254	10.4	8.6	13.0

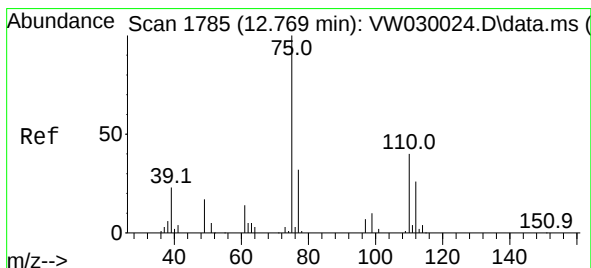
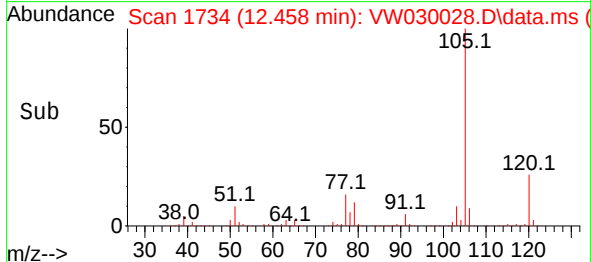
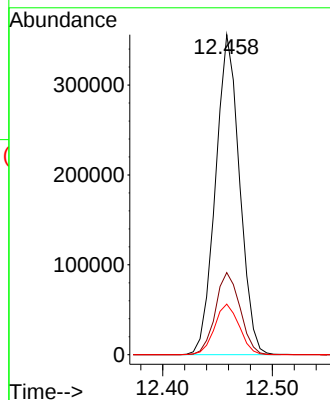
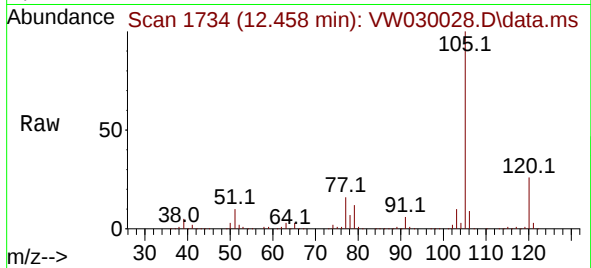




#60
Isopropylbenzene
Concen: 25.606 ug/L
RT: 12.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

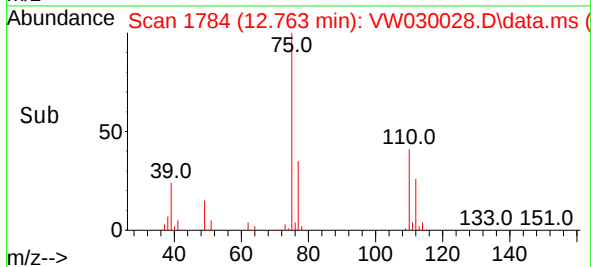
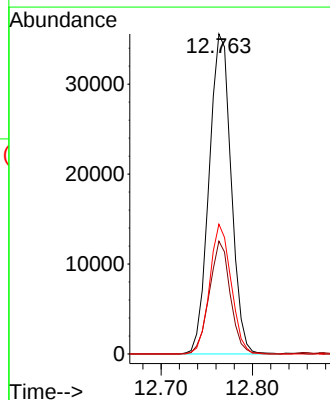
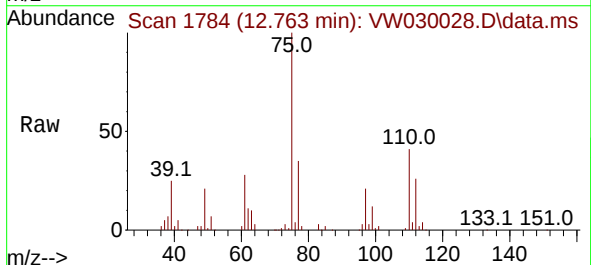
Instrument :
MSVOA_W
ClientSampleId :

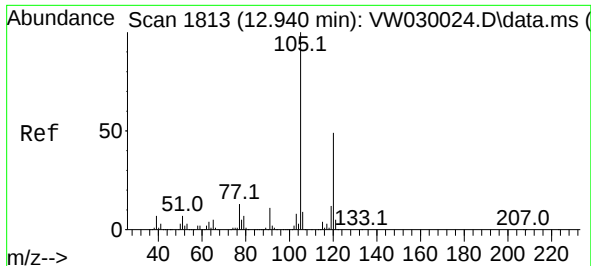
Tgt Ion:105 Resp: 544160
Ion Ratio Lower Upper
105 100
120 26.3 20.6 30.8
77 16.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 22.082 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Tgt Ion: 75 Resp: 59807
Ion Ratio Lower Upper
75 100
77 33.5 26.0 39.0
110 39.4 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 28.374 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

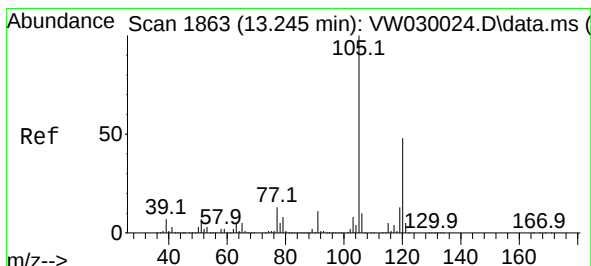
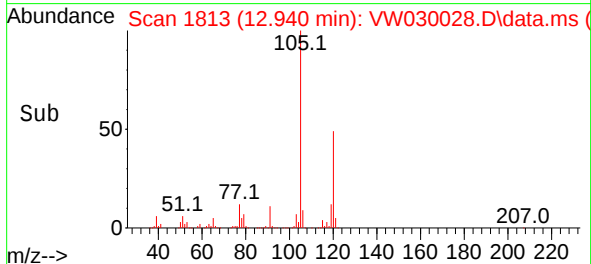
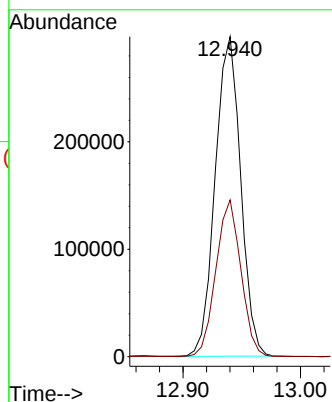
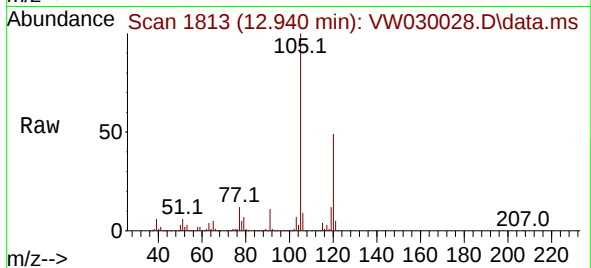
ClientSampleId :

Tgt Ion:105 Resp: 448342

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 26.081 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030028.D

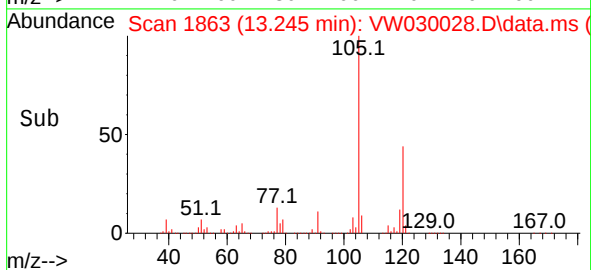
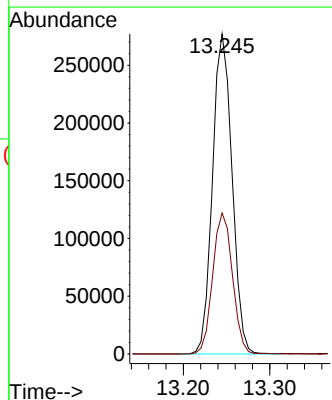
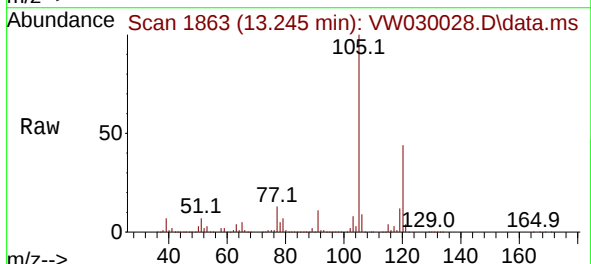
Acq: 26 Aug 2024 15:58

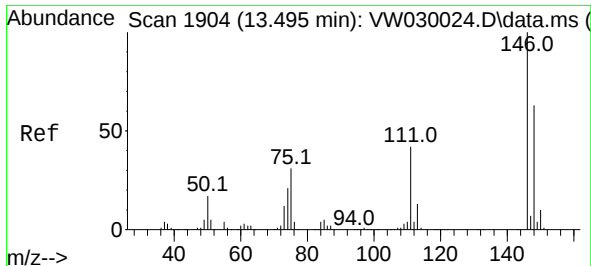
Tgt Ion:105 Resp: 434380

Ion Ratio Lower Upper

105 100

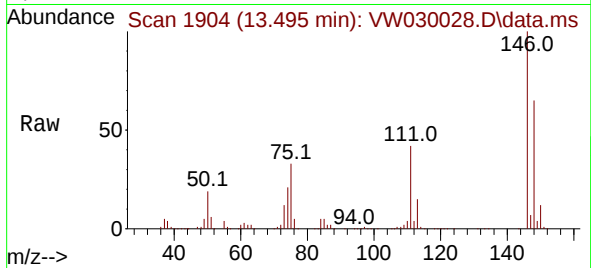
120 44.5 36.3 54.5



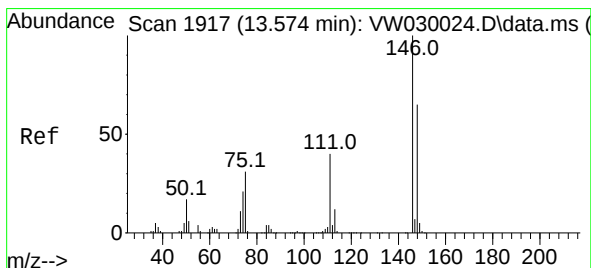
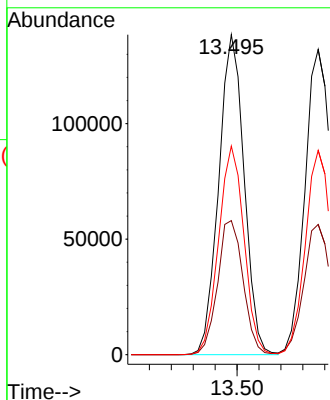
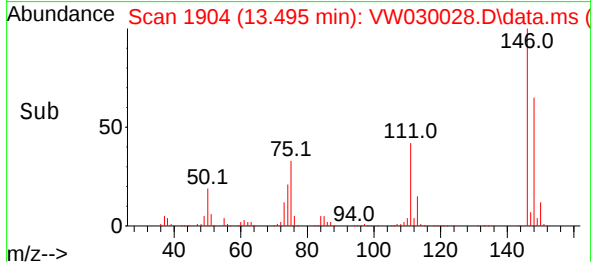


#64
1,3-Dichlorobenzene
Concen: 24.624 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

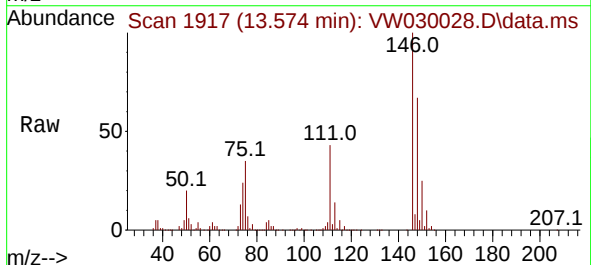
Instrument :
MSVOA_W
ClientSampleId :



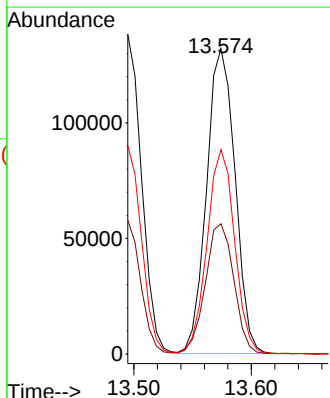
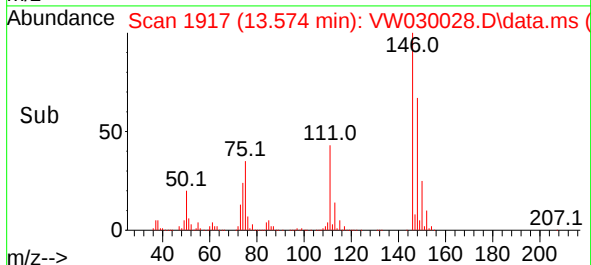
Tgt Ion:146 Resp: 223079
Ion Ratio Lower Upper
146 100
111 41.9 29.1 54.1
148 65.2 43.9 81.5

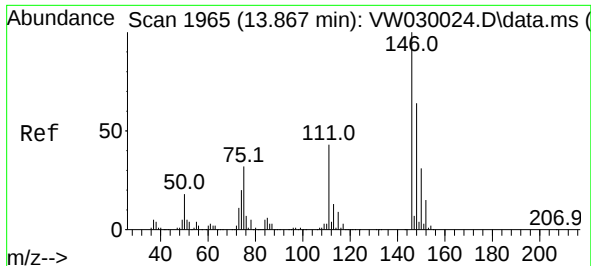


#65
1,4-Dichlorobenzene
Concen: 24.299 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58



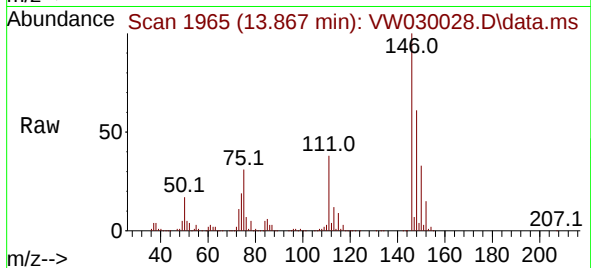
Tgt Ion:146 Resp: 222380
Ion Ratio Lower Upper
146 100
111 42.7 28.2 52.4
148 67.0 45.8 85.2



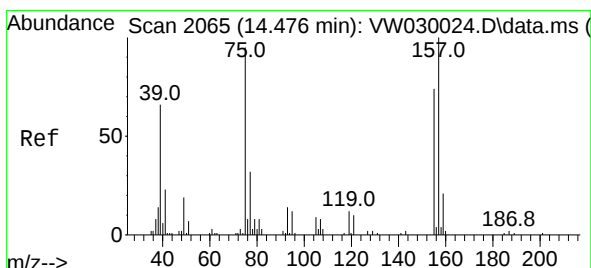
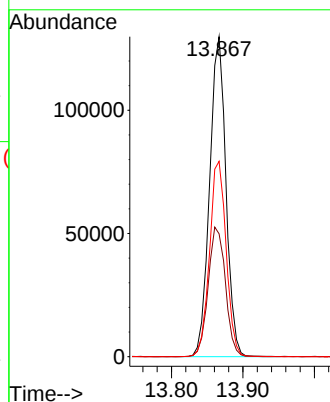
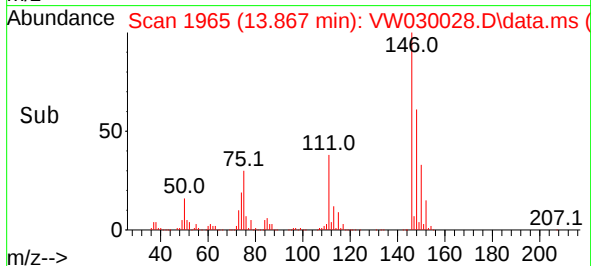


#67
1,2-Dichlorobenzene
Concen: 25.419 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

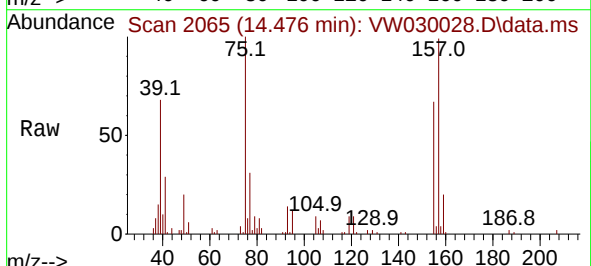
Instrument :
MSVOA_W
ClientSampleId :



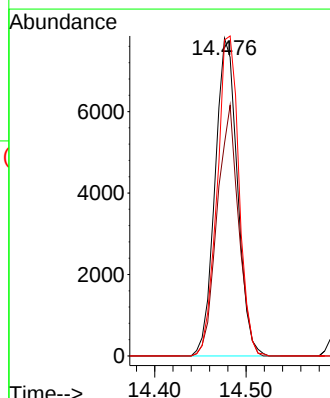
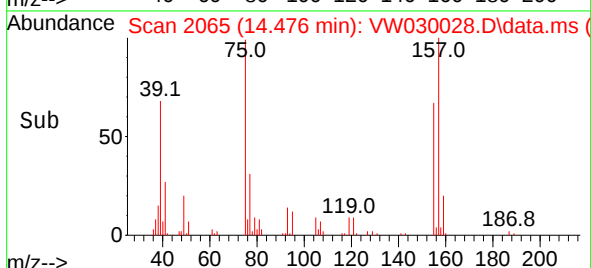
Tgt Ion:146 Resp: 206003
Ion Ratio Lower Upper
146 100
111 38.4 34.7 52.1
148 61.1 51.4 77.0

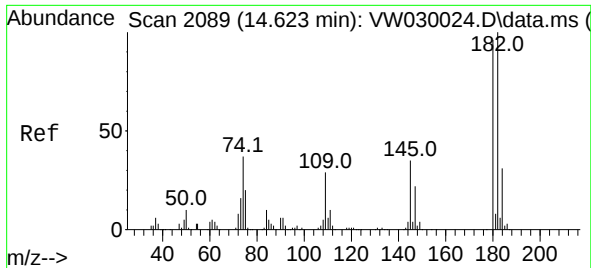


#68
1,2-Dibromo-3-chloropropane
Concen: 22.843 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58



Tgt Ion: 75 Resp: 13243
Ion Ratio Lower Upper
75 100
155 66.9 62.8 94.2
157 99.4 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 26.260 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 155321

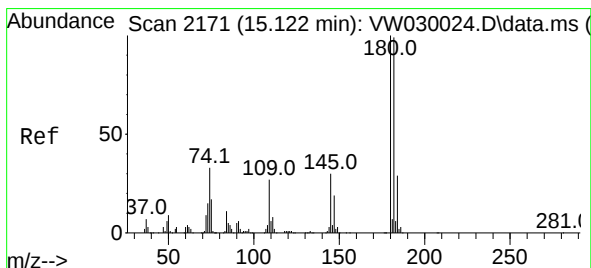
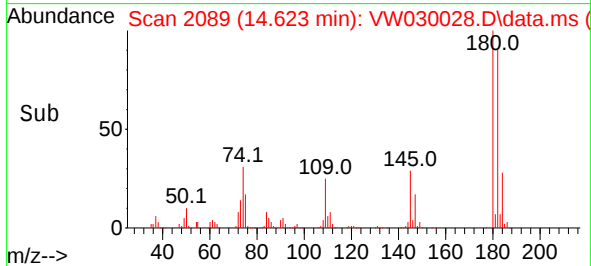
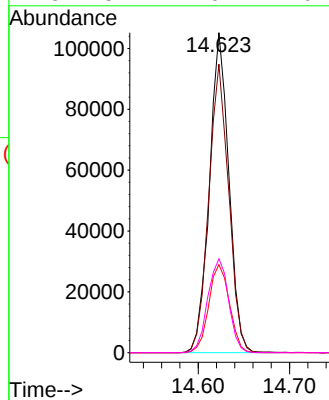
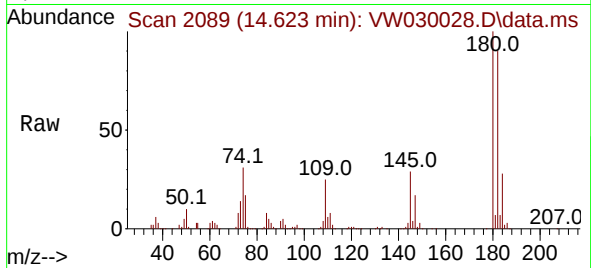
Ion Ratio Lower Upper

180 100

182 92.2 79.7 119.5

184 29.3 25.1 37.7

145 31.4 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 26.663 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030028.D

Acq: 26 Aug 2024 15:58

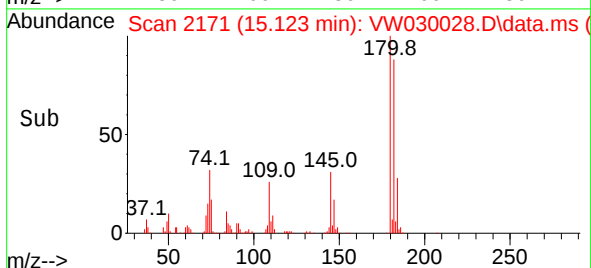
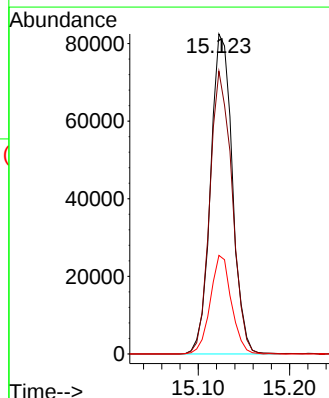
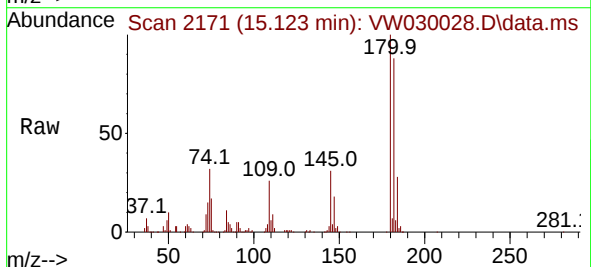
Tgt Ion:180 Resp: 136491

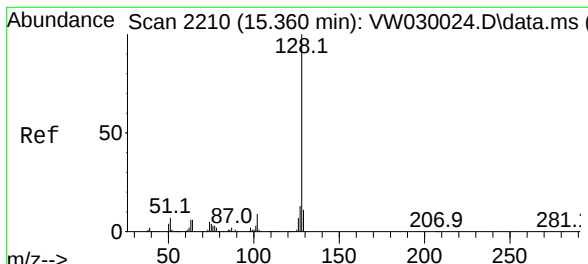
Ion Ratio Lower Upper

180 100

182 90.3 75.3 112.9

145 29.9 24.7 37.1



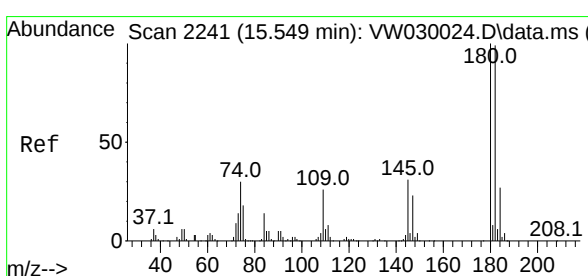
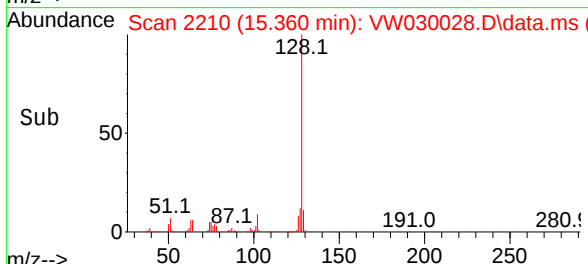
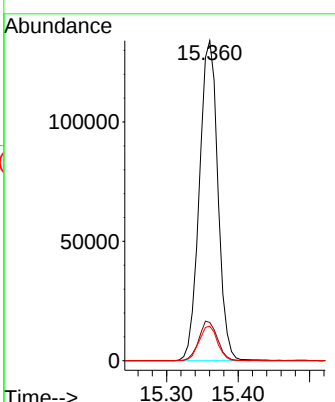
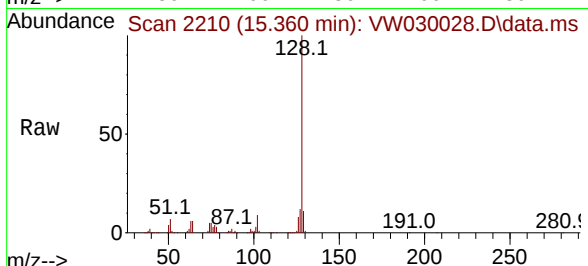


#71
Naphthalene
Concen: 24.634 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 240804

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	15.8
129	10.8	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 24.630 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030028.D
Acq: 26 Aug 2024 15:58

Tgt Ion:180 Resp: 110672

Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.2	115.8
145	34.7	26.5	39.7

