

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030054.D
 Acq On : 27 Aug 2024 19:09
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:19:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	231631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	220901	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	108928	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	76424	22.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
7) Chloroethane-d5	2.899	69	55067	22.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	4.027	65	35032	23.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.160%
21) 2-Butanone-d5	7.087	46	42073	61.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.460%
24) Chloroform-d	7.648	84	161105	25.792	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.160%
26) 1,2-Dichloroethane-d4	8.307	65	86752	27.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	8.276	84	317449	24.346	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	9.270	67	100075	26.196	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	10.318	98	283787	23.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	10.574	79	40768	25.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.760%
47) 2-Hexanone-d5	10.922	63	37252	63.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81422	28.948	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	93905	23.834	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.320%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	57380	21.538	ug/L	98
3) Chloromethane	2.222	50	72860	23.526	ug/L	97
5) Vinyl chloride	2.369	62	78120	21.341	ug/L	100
6) Bromomethane	2.789	94	49008	21.544	ug/L	94
8) Chloroethane	2.936	64	45846	21.735	ug/L	99
9) Trichlorofluoromethane	3.265	101	67790	21.386	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	66813	22.031	ug/L #	79
12) 1,1-Dichloroethene	4.045	96	65820	22.168	ug/L	95
13) Acetone	4.143	43	30046	47.807	ug/L	96
14) Carbon disulfide	4.386	76	218334	23.705	ug/L	100
15) Methyl Acetate	4.679	43	33538	27.370	ug/L	98
16) Methylene chloride	4.917	84	81949	21.417	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	75175	22.894	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	120227	23.942	ug/L	98
19) 1,1-Dichloroethane	6.215	63	147004	24.092	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	82695	22.786	ug/L	90
22) 2-Butanone	7.179	43	44965	49.998	ug/L	96
23) Bromochloromethane	7.514	128	35496	23.059	ug/L	94
25) Chloroform	7.679	83	146700	23.505	ug/L	97

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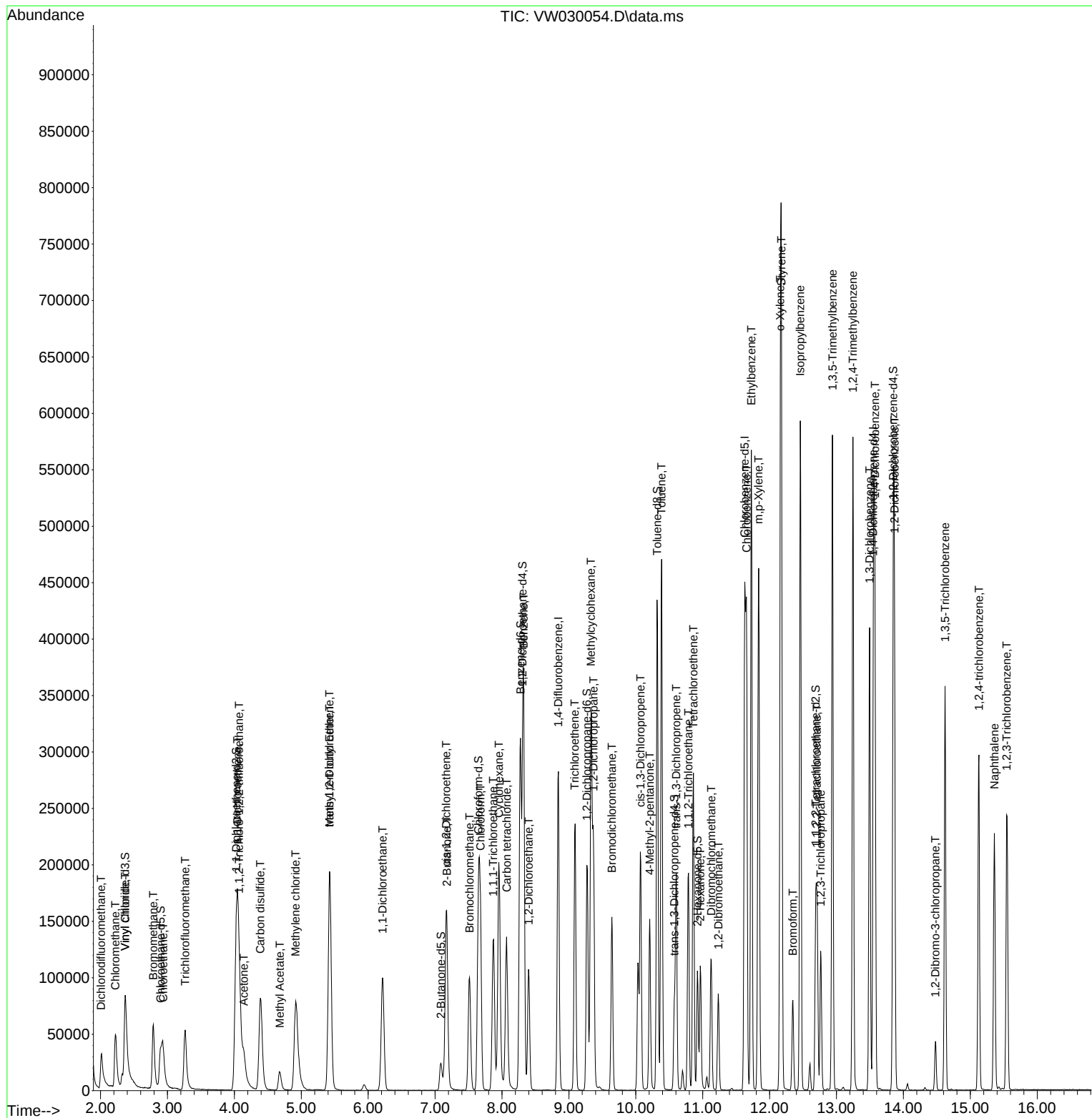
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	97780	24.475	ug/L	98
29) Cyclohexane	7.953	56	122611	22.987	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	112107	21.667	ug/L	99
31) Carbon tetrachloride	8.069	117	102852	22.126	ug/L	97
33) Benzene	8.325	78	325619	23.007	ug/L	100
34) Trichloroethene	9.087	95	84423	22.152	ug/L	97
35) Methylcyclohexane	9.331	83	139896	22.413	ug/L	96
37) 1,2-Dichloropropane	9.367	63	85383	23.824	ug/L	99
38) Bromodichloromethane	9.642	83	103546	22.898	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	129776	23.526	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	99192	55.600	ug/L	96
42) Toluene	10.385	91	342087	22.697	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	106285	23.811	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	62060	23.625	ug/L	98
46) Tetrachloroethene	10.861	164	59142	20.446	ug/L	83
48) 2-Hexanone	10.965	43	69542	54.832	ug/L	96
49) Dibromochloromethane	11.129	129	63222	22.651	ug/L	82
50) 1,2-Dibromoethane	11.233	107	58287	23.754	ug/L #	93
51) Chlorobenzene	11.653	112	214499	22.258	ug/L	94
52) Ethylbenzene	11.727	91	386836	22.651	ug/L	98
53) m,p-Xylene	11.836	106	144126	22.614	ug/L	99
54) o-Xylene	12.160	106	135854	22.209	ug/L	90
55) Styrene	12.178	104	237752	23.198	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	75258	25.441	ug/L	99
59) Bromoform	12.348	173	35604	21.949	ug/L	100
60) Isopropylbenzene	12.458	105	376834	21.684	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	52972	23.917	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	298036	23.065	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	305047	22.397	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	156809	21.166	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	158705	21.205	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	146552	22.113	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	11634	24.539	ug/L	90
69) 1,3,5-Trichlorobenzene	14.622	180	104933	21.694	ug/L	92
70) 1,2,4-trichlorobenzene	15.128	180	90524	21.624	ug/L	96
71) Naphthalene	15.360	128	192245	24.049	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	82564	22.469	ug/L	98

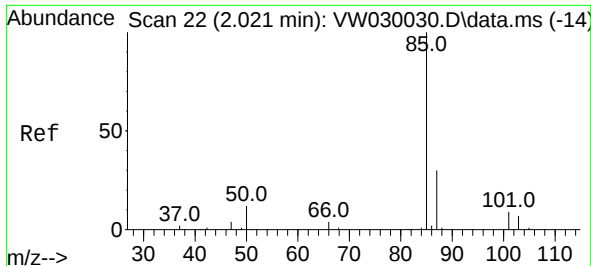
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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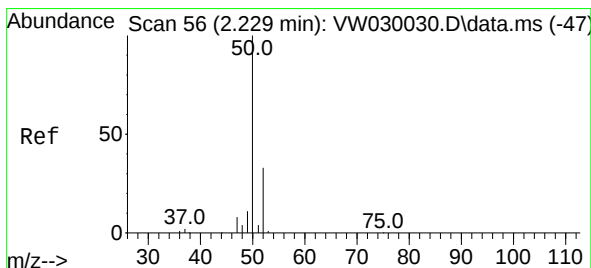
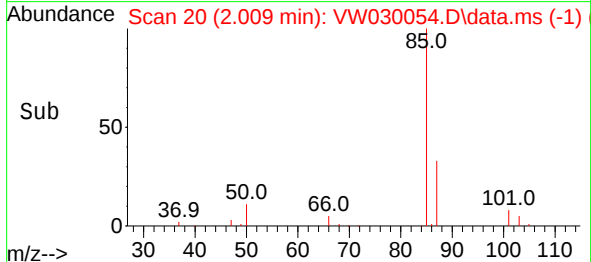
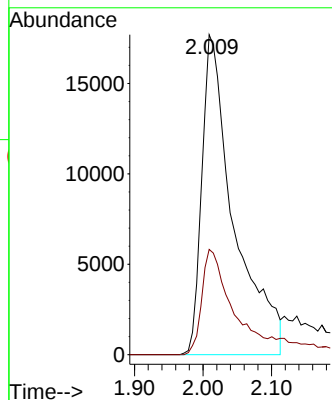
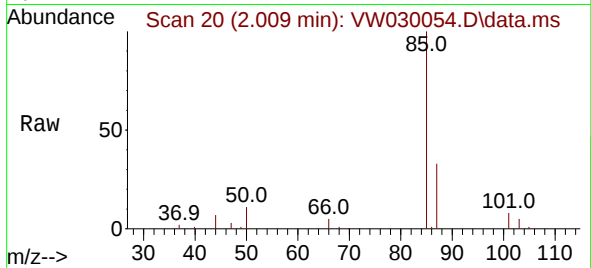




#2
Dichlorodifluoromethane
Concen: 21.538 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.013 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

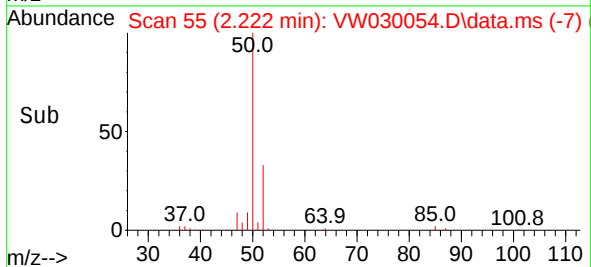
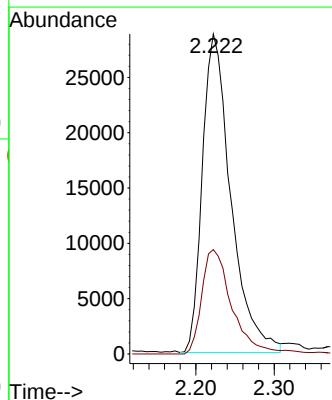
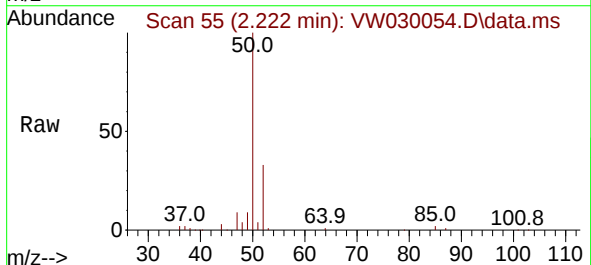
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MSVOA_W
ClientSampleId :

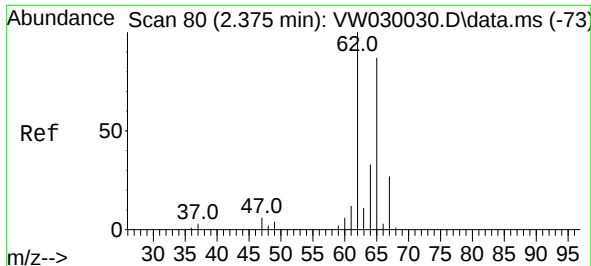
Tgt Ion: 85 Resp: 57380
Ion Ratio Lower Upper
85 100
87 31.1 24.2 36.2



#3
Chloromethane
Concen: 23.526 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Tgt Ion: 50 Resp: 72860
Ion Ratio Lower Upper
50 100
52 32.6 21.6 40.2

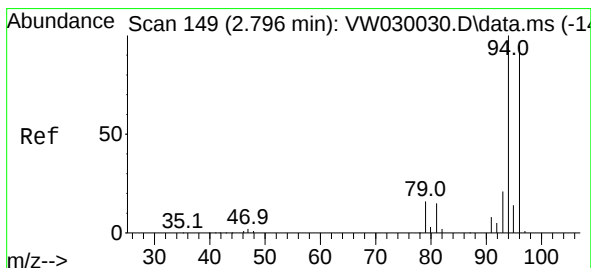
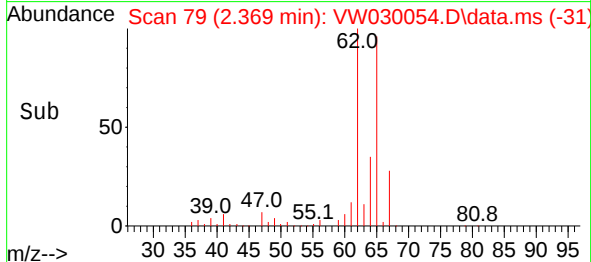
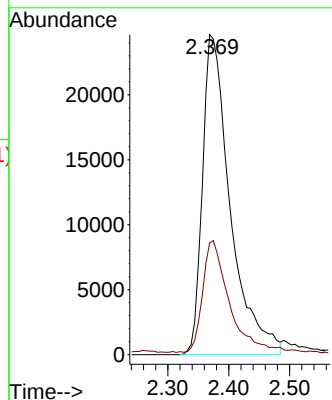
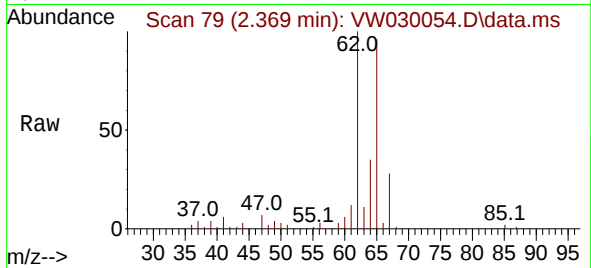




#5
 Vinyl chloride
 Concen: 21.341 ug/L
 RT: 2.369 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW030054.D
 Acq: 27 Aug 2024 19:09

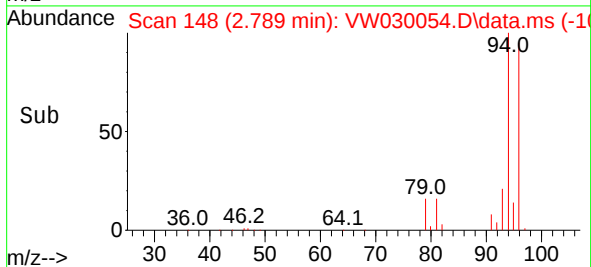
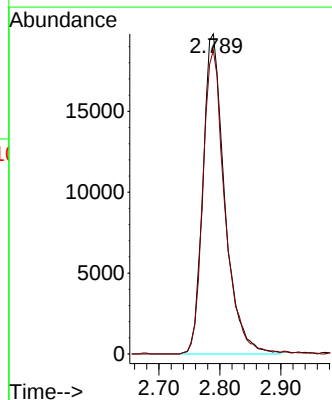
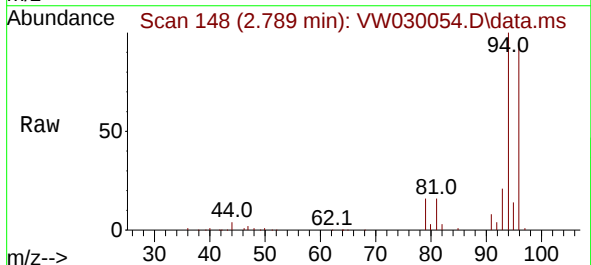
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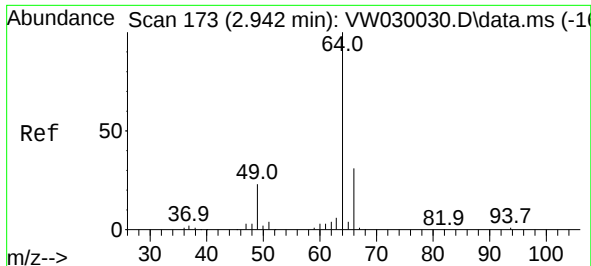
Tgt Ion: 62 Resp: 78120
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.4 45.4



#6
 Bromomethane
 Concen: 21.544 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030054.D
 Acq: 27 Aug 2024 19:09

Tgt Ion: 94 Resp: 49008
 Ion Ratio Lower Upper
 94 100
 96 94.9 62.4 115.8

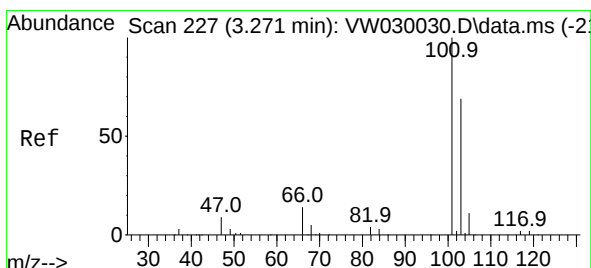
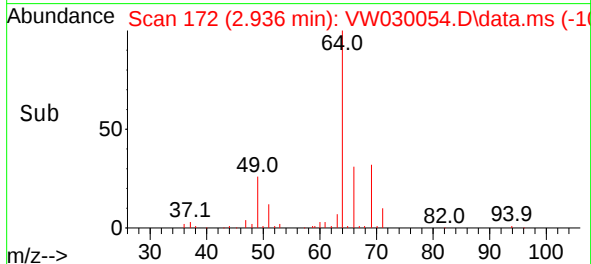
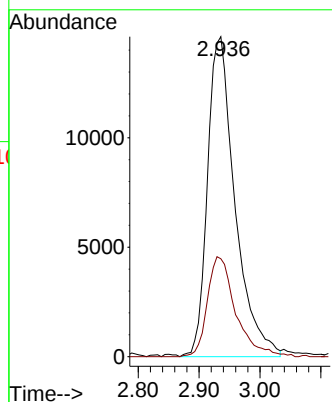
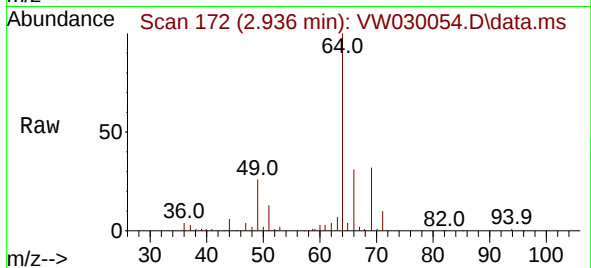




#8
Chloroethane
Concen: 21.735 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

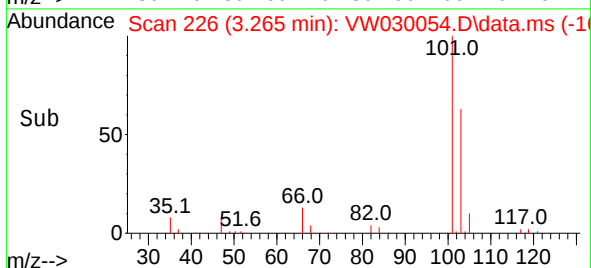
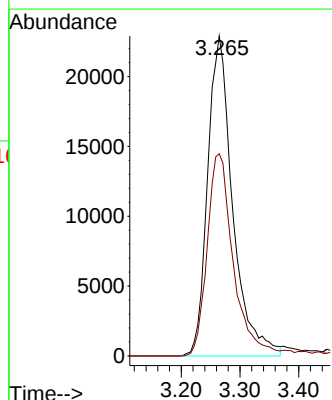
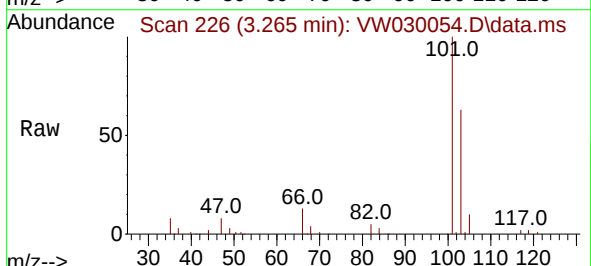
Instrument :
MSVOA_W
ClientSampleId :

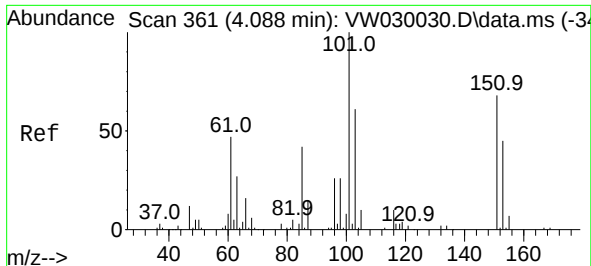
Tgt Ion: 64 Resp: 45846
Ion Ratio Lower Upper
64 100
66 30.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.386 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Tgt Ion:101 Resp: 67790
Ion Ratio Lower Upper
101 100
103 65.6 50.7 76.1





#10

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

Concen: 22.031 ug/L

RT: 4.069 min Scan# 3

Delta R.T. -0.019 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

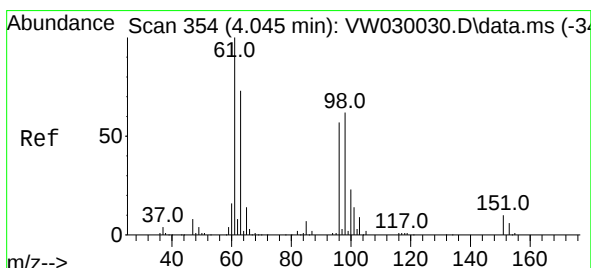
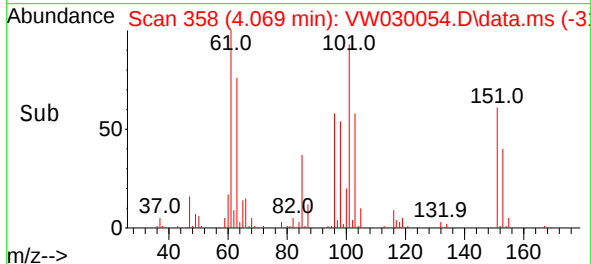
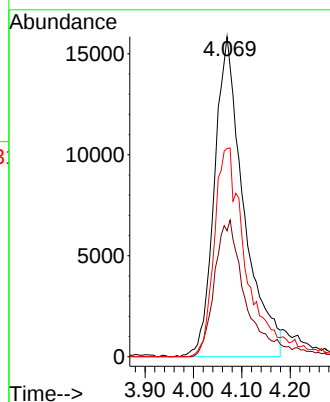
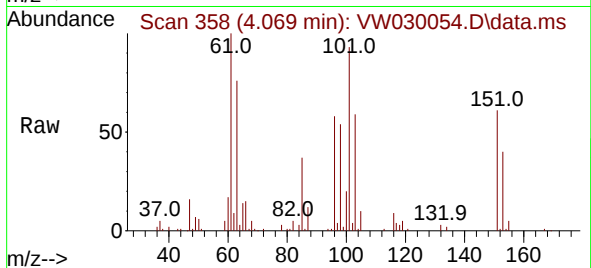
Tgt Ion:101 Resp: 66813

Ion Ratio Lower Upper

101 100

85 42.9 34.7 52.1

151 40.5 54.8 82.2#



#12

1,1-Dichloroethene

Concen: 22.168 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

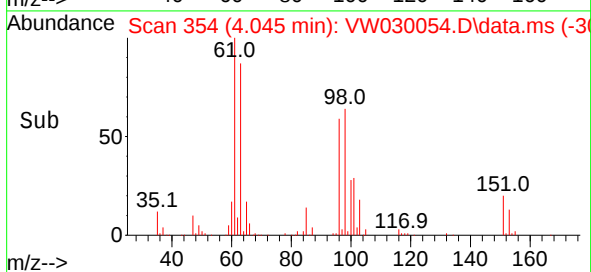
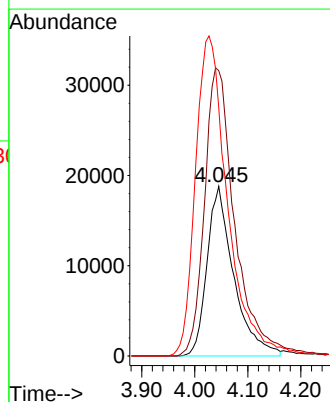
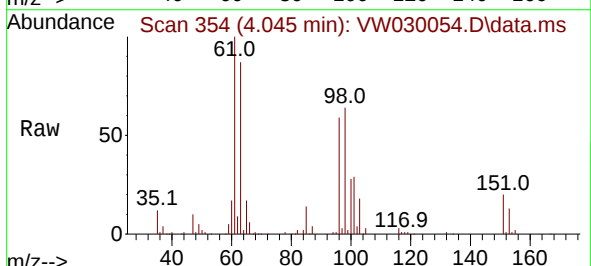
Tgt Ion: 96 Resp: 65820

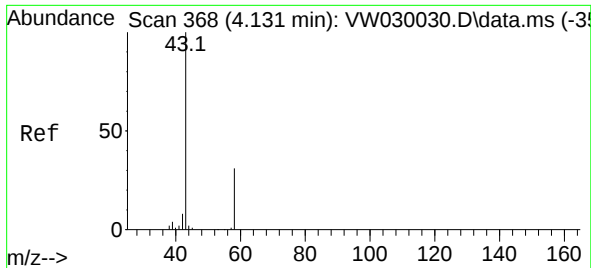
Ion Ratio Lower Upper

96 100

61 168.3 126.0 234.0

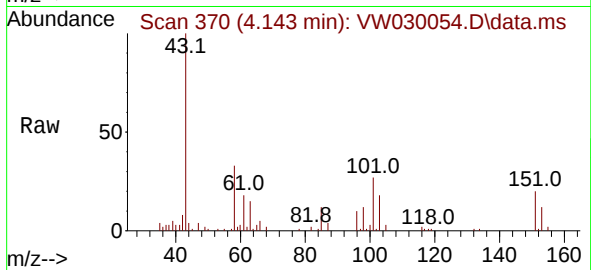
63 146.3 101.8 189.2



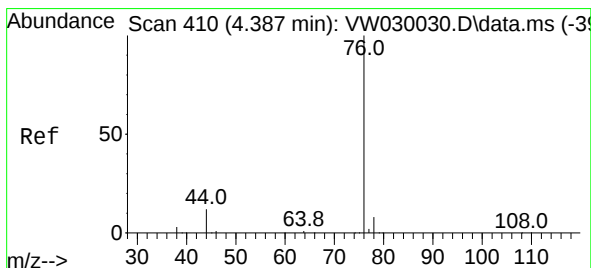
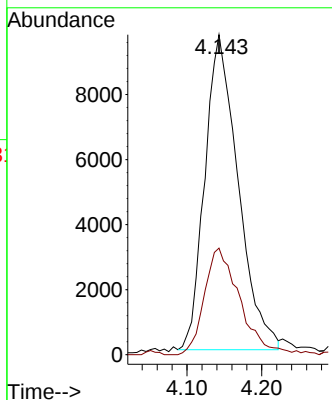


#13
Acetone
Concen: 47.807 ug/L
RT: 4.143 min Scan# 370
Delta R.T. 0.012 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

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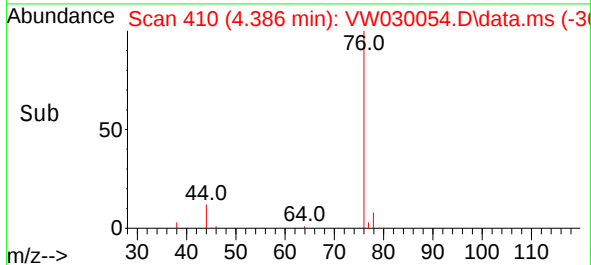
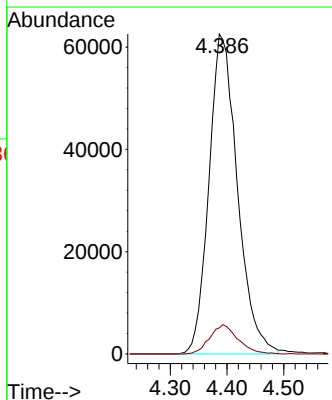
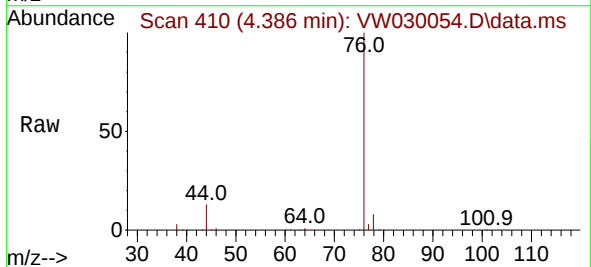


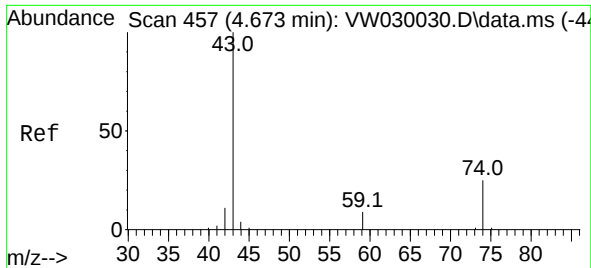
Tgt Ion: 43 Resp: 30046
Ion Ratio Lower Upper
43 100
58 35.7 0.0 66.4



#14
Carbon disulfide
Concen: 23.705 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Tgt Ion: 76 Resp: 218334
Ion Ratio Lower Upper
76 100
78 8.1 6.6 9.8

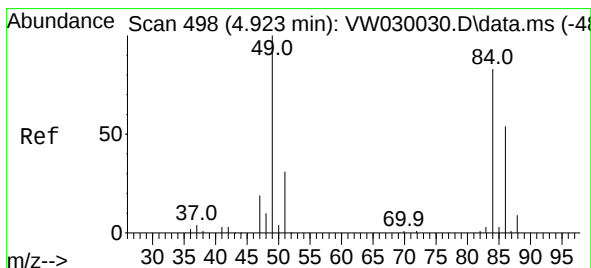
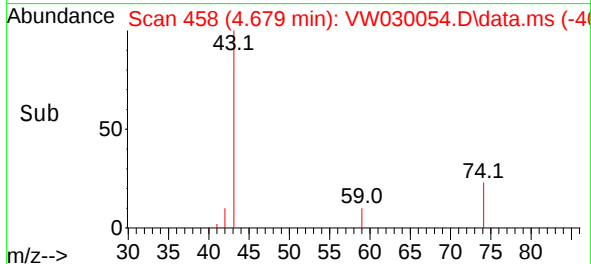
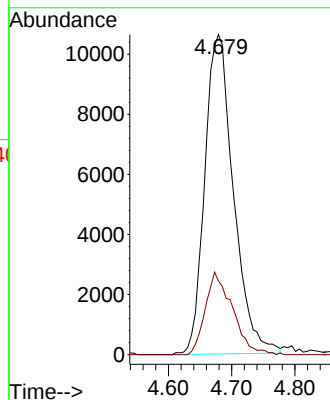
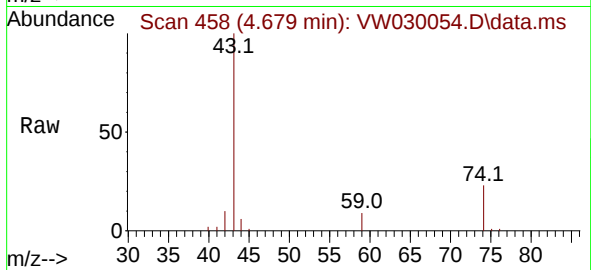




#15
Methyl Acetate
Concen: 27.370 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

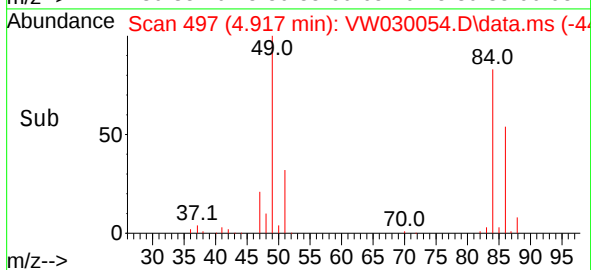
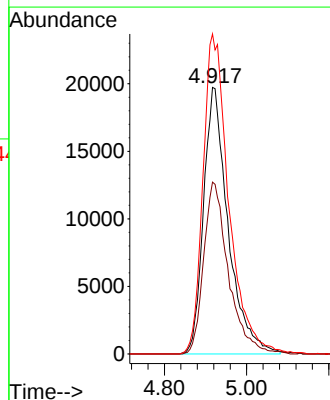
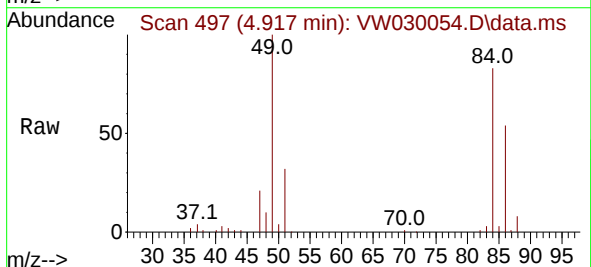
Instrument :
MSVOA_W
ClientSampleId :

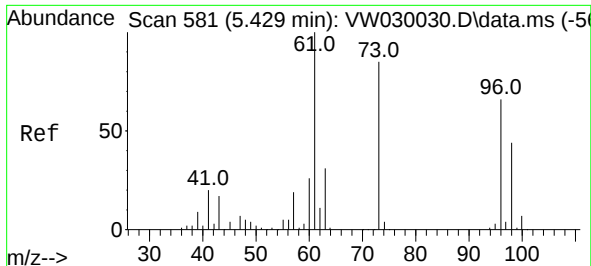
Tgt Ion: 43 Resp: 33538
Ion Ratio Lower Upper
43 100
74 24.0 19.9 29.9



#16
Methylene chloride
Concen: 21.417 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Tgt Ion: 84 Resp: 81949
Ion Ratio Lower Upper
84 100
86 64.5 44.2 82.2
49 120.1 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 22.894 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

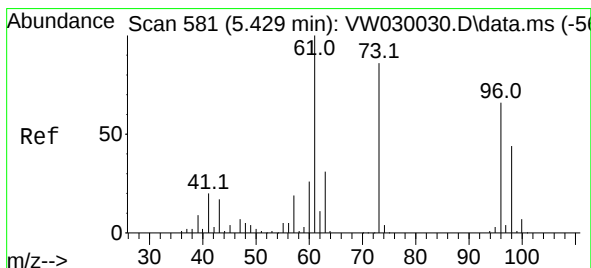
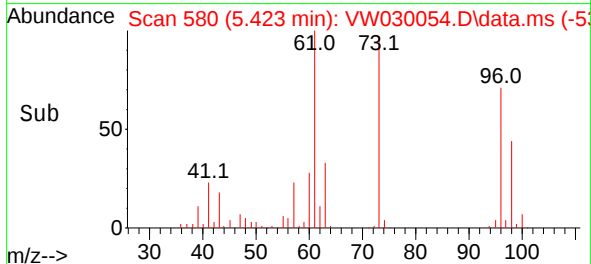
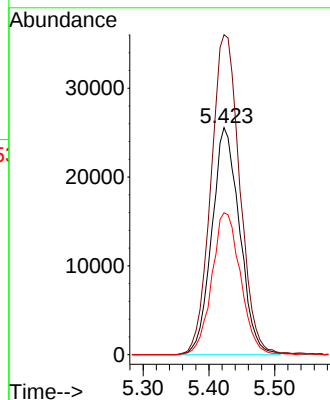
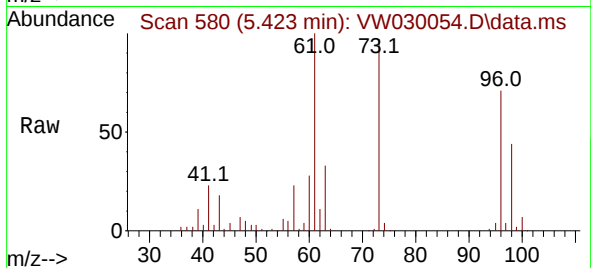
Tgt Ion: 96 Resp: 75175

Ion Ratio Lower Upper

96 100

61 141.0 98.3 182.7

98 62.5 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 23.942 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

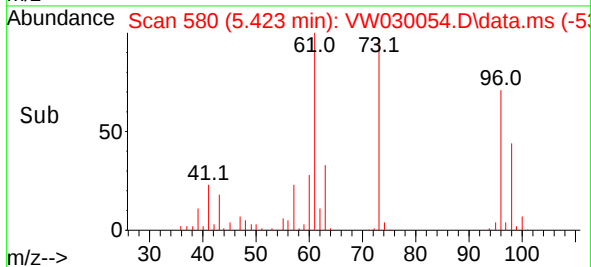
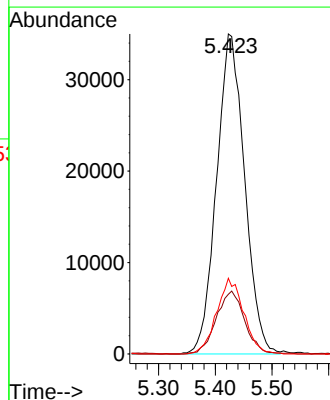
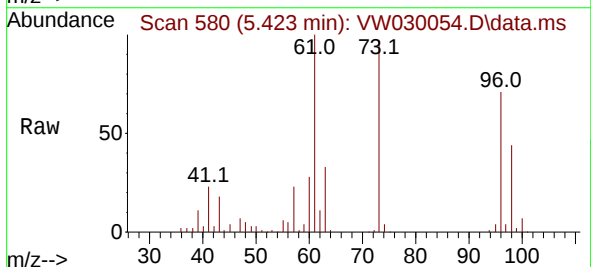
Tgt Ion: 73 Resp: 120227

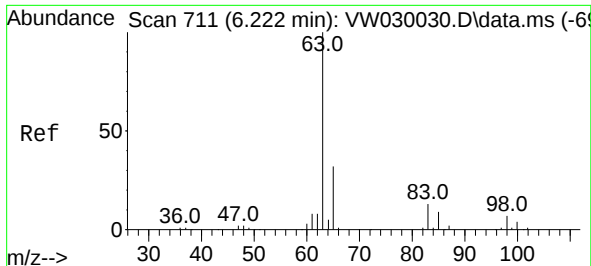
Ion Ratio Lower Upper

73 100

43 19.9 15.4 23.2

57 22.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 24.092 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

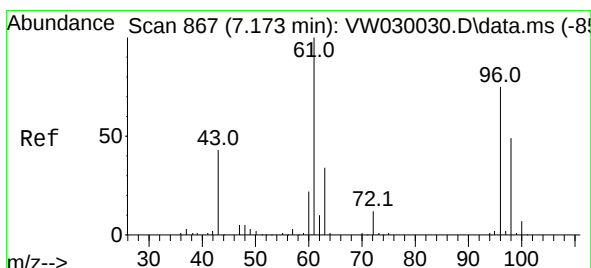
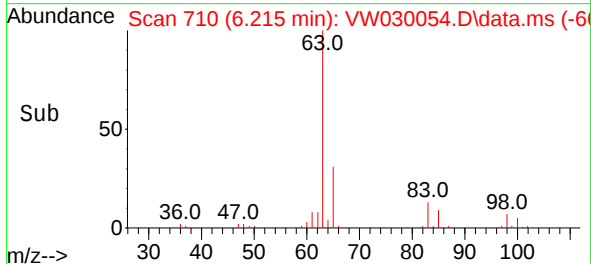
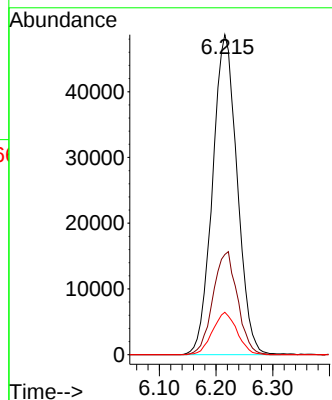
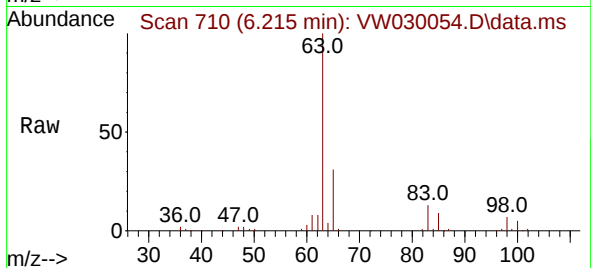
Tgt Ion: 63 Resp: 147004

Ion Ratio Lower Upper

63 100

65 31.3 21.6 40.0

83 13.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 22.786 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

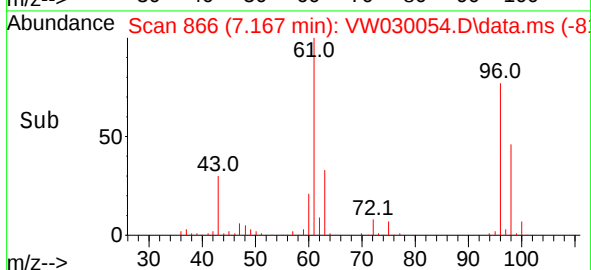
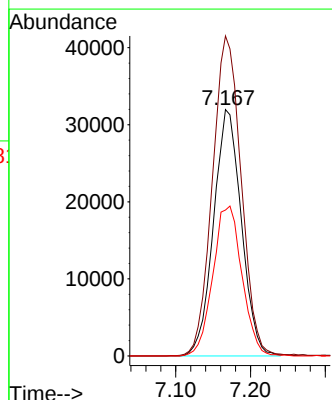
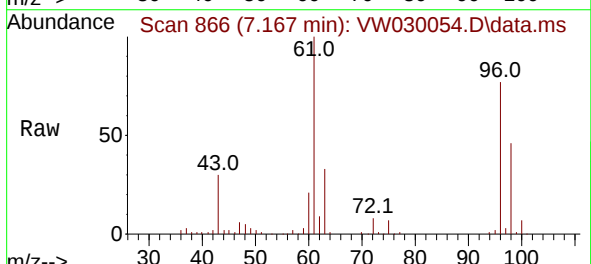
Tgt Ion: 96 Resp: 82695

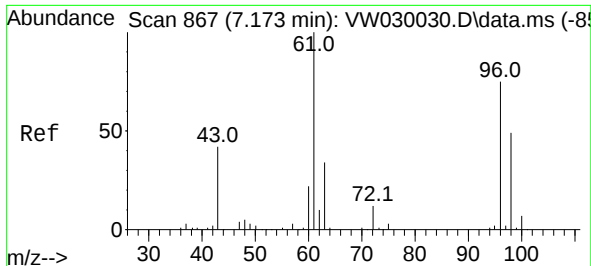
Ion Ratio Lower Upper

96 100

61 129.9 99.6 185.0

98 59.2 46.5 86.5

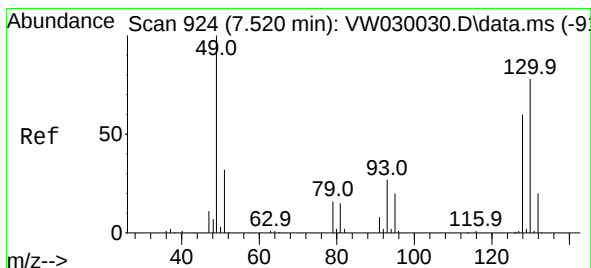
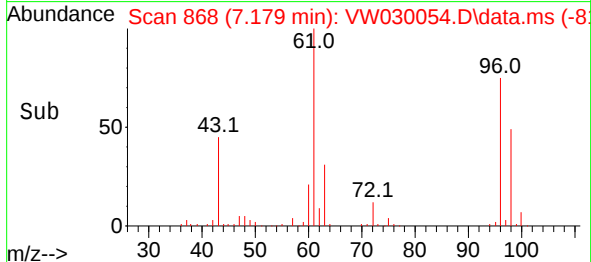
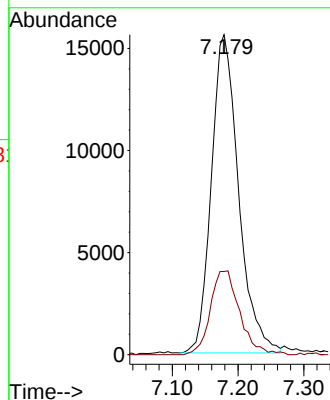
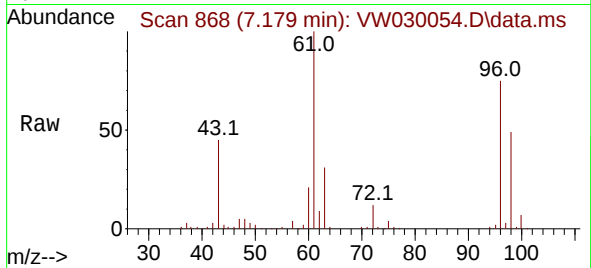




#22
2-Butanone
Concen: 49.998 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

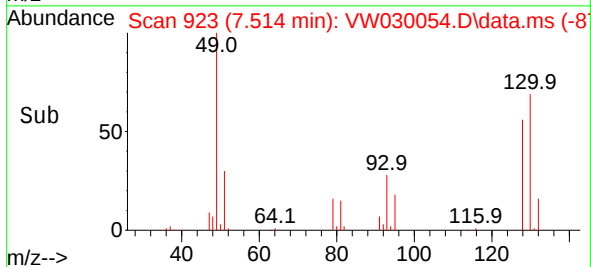
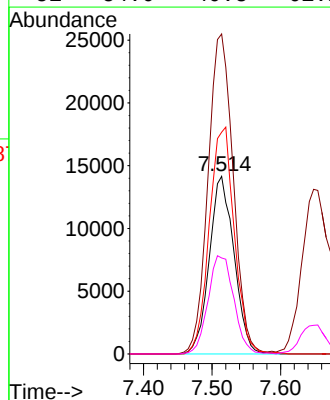
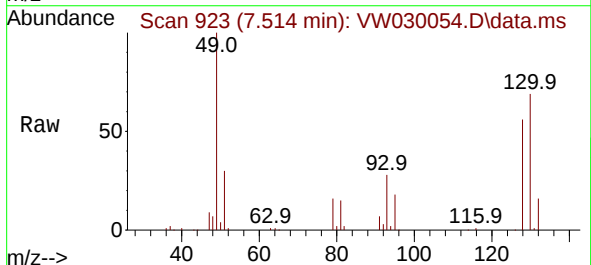
Instrument :
MSVOA_W
ClientSampleId :

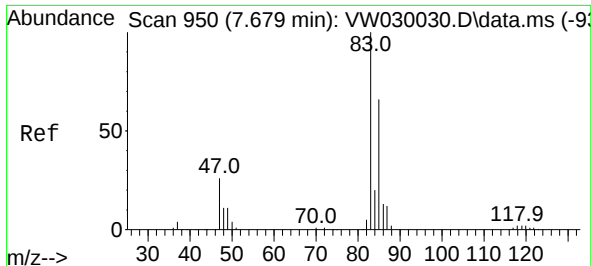
Tgt Ion: 43 Resp: 44965
Ion Ratio Lower Upper
43 100
72 27.9 15.0 45.1



#23
Bromochloromethane
Concen: 23.059 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Tgt Ion: 128 Resp: 35496
Ion Ratio Lower Upper
128 100
49 180.1 117.3 217.9
130 124.9 89.3 165.9
51 54.0 40.8 61.2





#25

Chloroform

Concen: 23.505 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

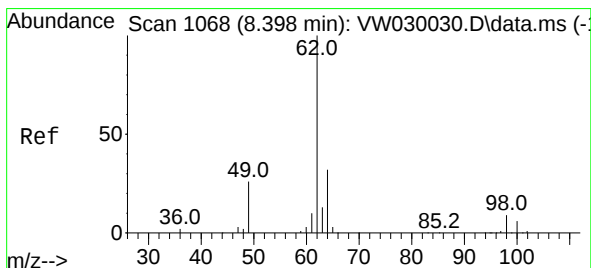
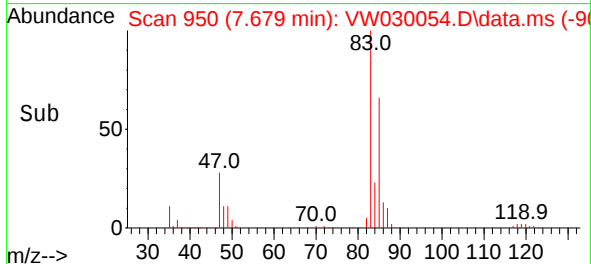
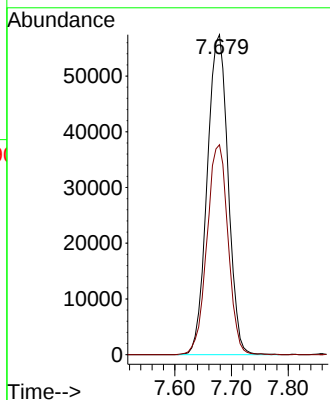
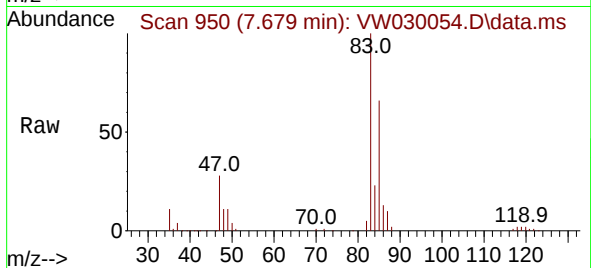
ClientSampleId :

Tgt Ion: 83 Resp: 146700

Ion Ratio Lower Upper

83 100

85 65.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.475 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030054.D

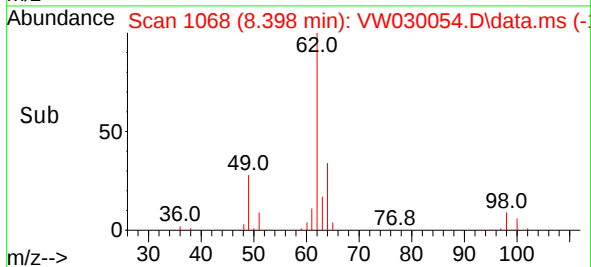
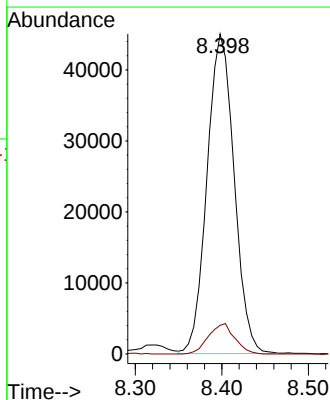
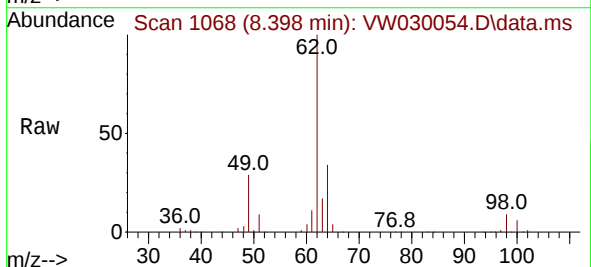
Acq: 27 Aug 2024 19:09

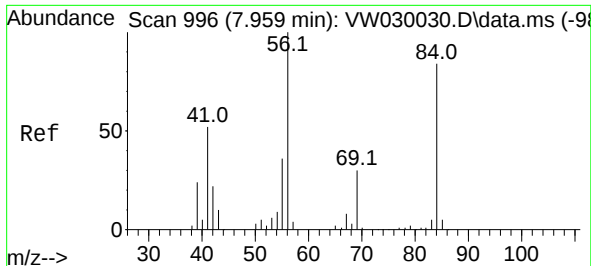
Tgt Ion: 62 Resp: 97780

Ion Ratio Lower Upper

62 100

98 9.0 7.7 11.5





#29

Cyclohexane

Concen: 22.987 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

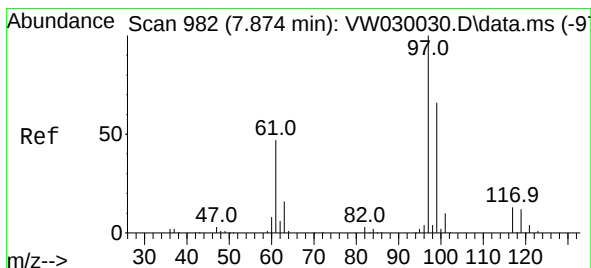
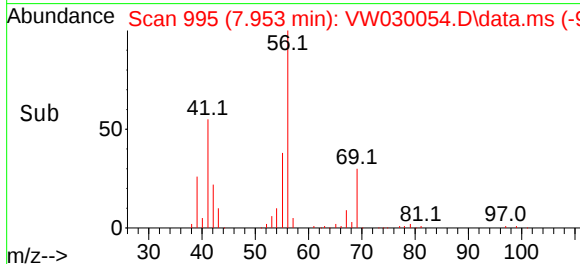
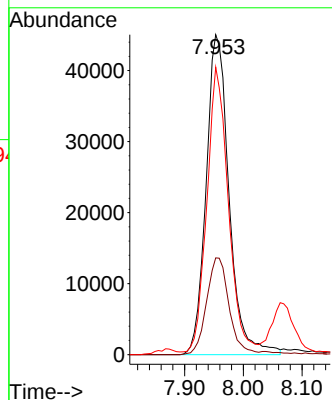
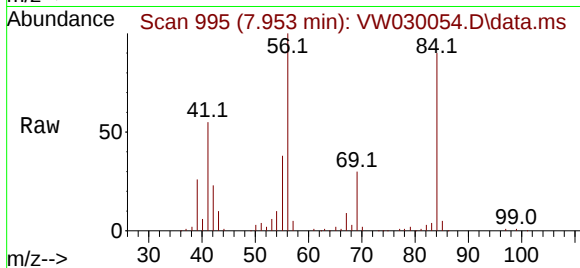
Tgt Ion: 56 Resp: 122611

Ion Ratio Lower Upper

56 100

69 29.5 24.4 36.6

84 83.7 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 21.667 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

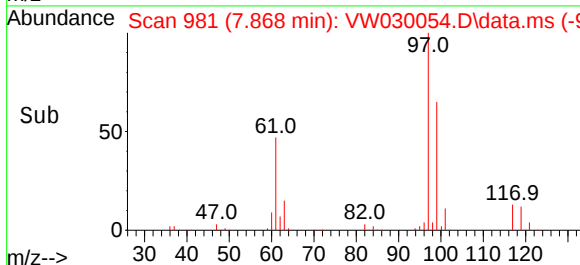
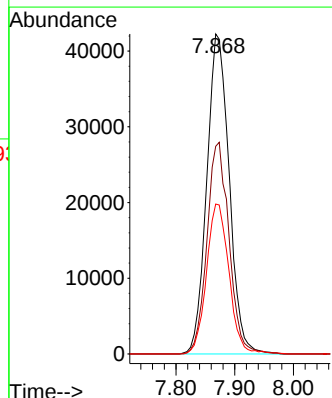
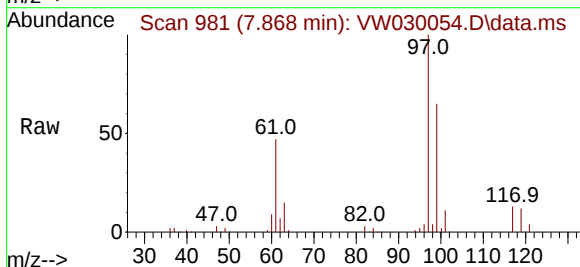
Tgt Ion: 97 Resp: 112107

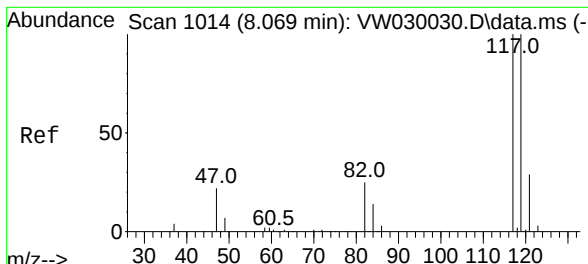
Ion Ratio Lower Upper

97 100

99 65.1 51.7 77.5

61 46.7 37.2 55.8

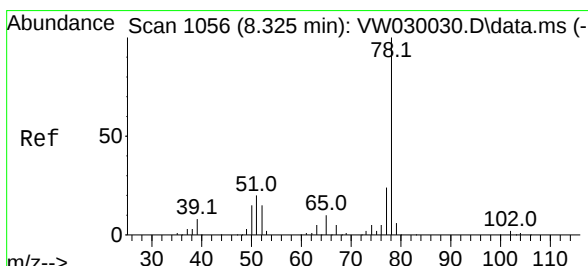
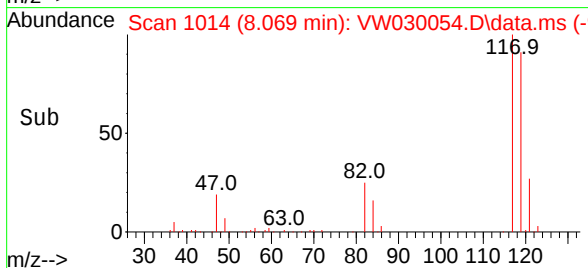
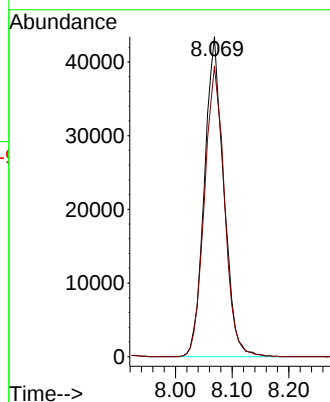
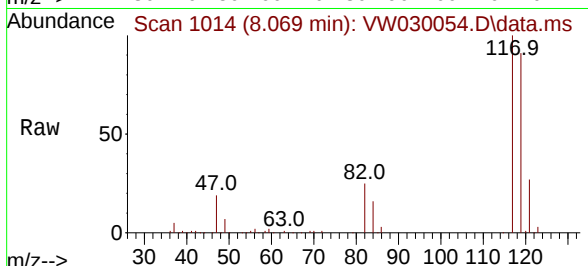




#31
Carbon tetrachloride
Concen: 22.126 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

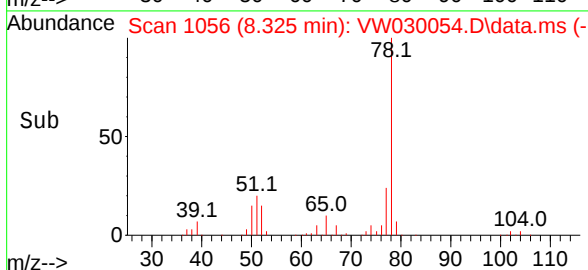
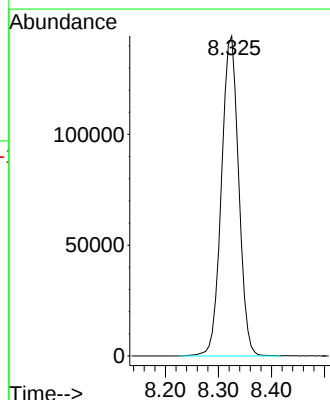
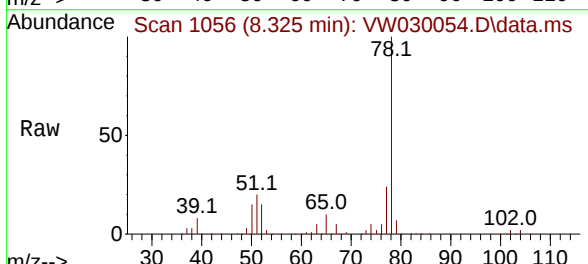
Instrument :
MSVOA_W
ClientSampleId :

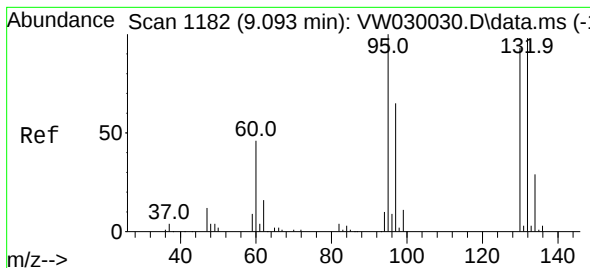
Tgt Ion:117 Resp: 102852
Ion Ratio Lower Upper
117 100
119 94.1 77.7 116.5



#33
Benzene
Concen: 23.007 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Tgt Ion: 78 Resp: 325619





#34

Trichloroethene

Concen: 22.152 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 84423

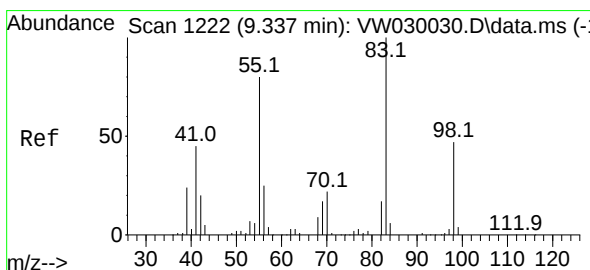
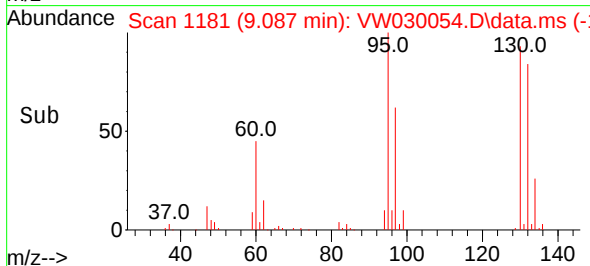
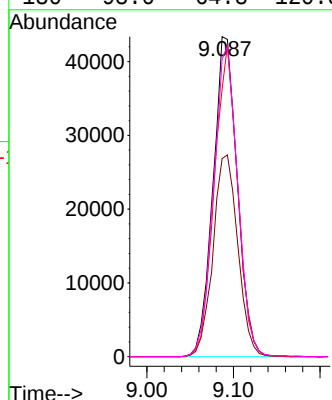
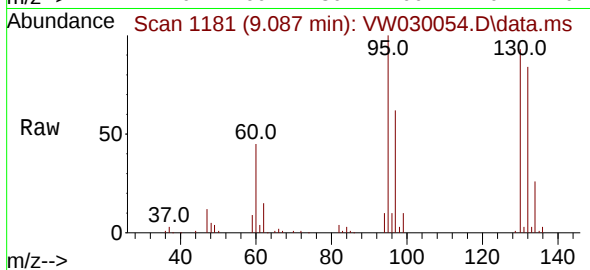
Ion Ratio Lower Upper

95 100

97 61.9 43.3 80.5

132 83.6 63.6 118.0

130 93.0 64.8 120.3



#35

Methylcyclohexane

Concen: 22.413 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

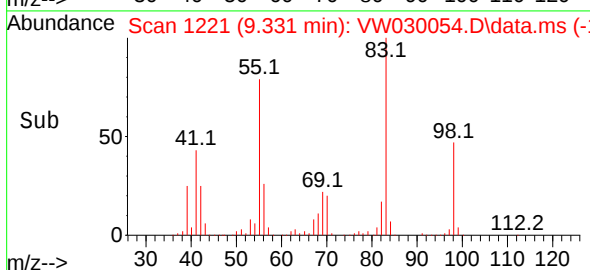
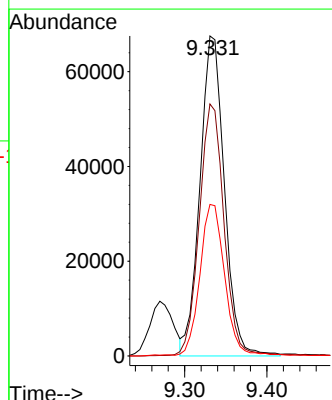
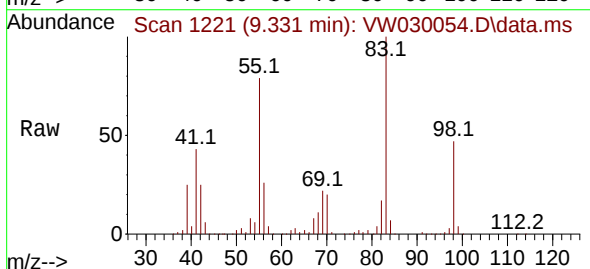
Tgt Ion: 83 Resp: 139896

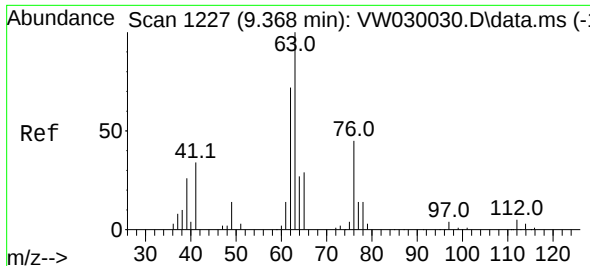
Ion Ratio Lower Upper

83 100

55 79.8 59.0 88.6

98 47.9 38.2 57.4





#37

1,2-Dichloropropane

Concen: 23.824 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

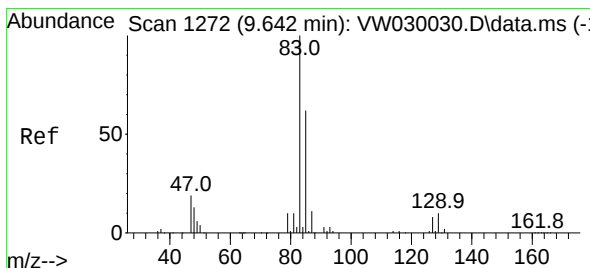
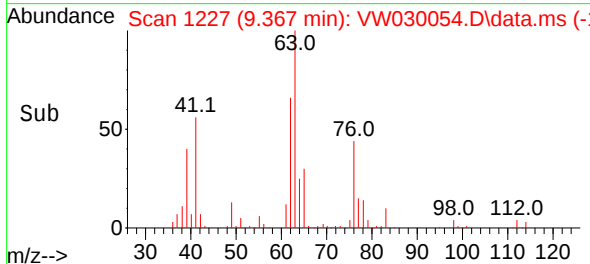
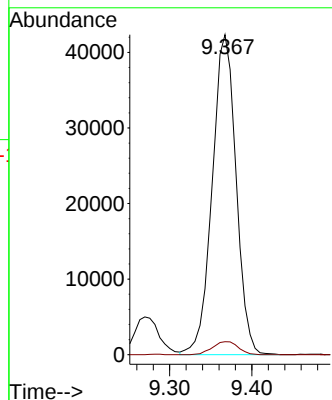
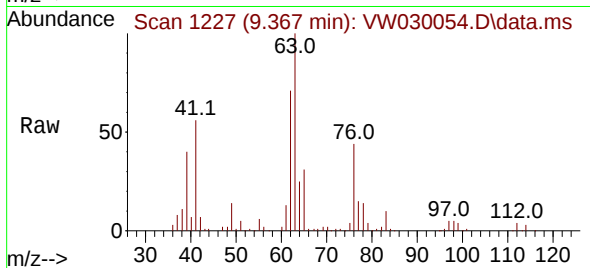
ClientSampleId :

Tgt Ion: 63 Resp: 85383

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 22.898 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

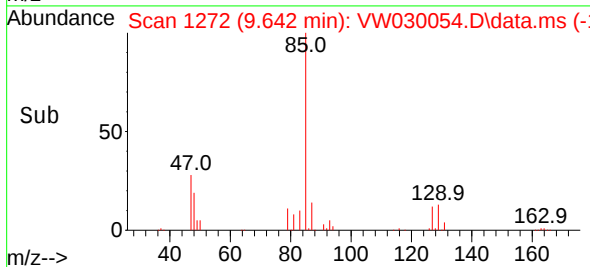
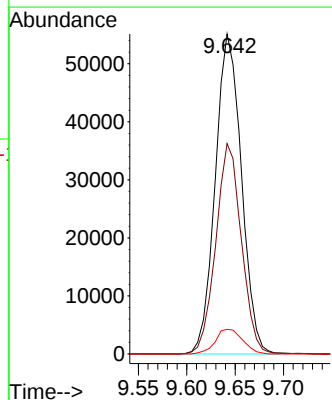
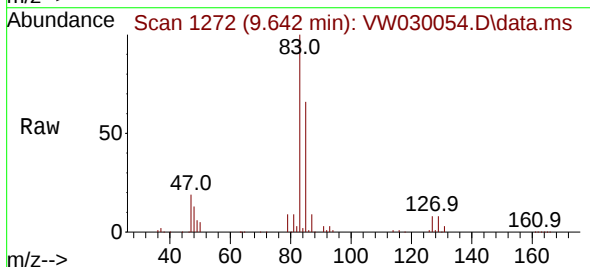
Tgt Ion: 83 Resp: 103546

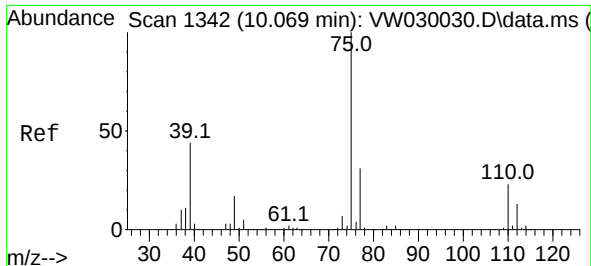
Ion Ratio Lower Upper

83 100

85 65.7 42.9 79.7

127 7.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 23.526 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

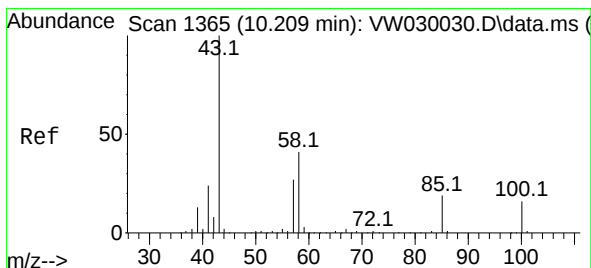
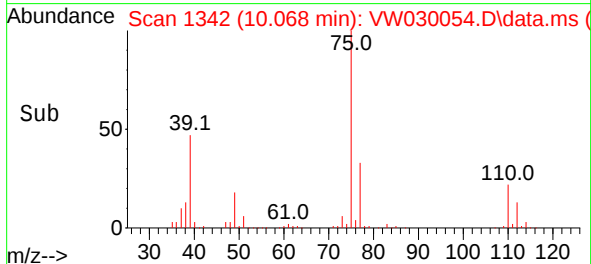
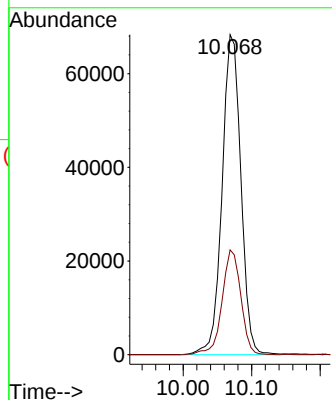
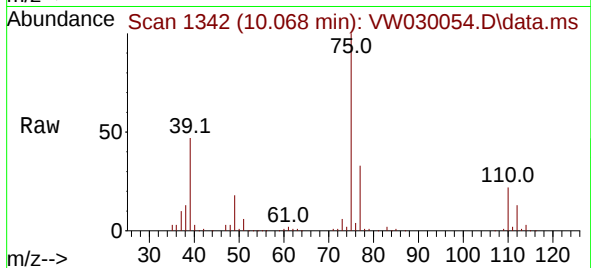
ClientSampleId :

Tgt Ion: 75 Resp: 129776

Ion Ratio Lower Upper

75 100

77 32.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 55.600 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

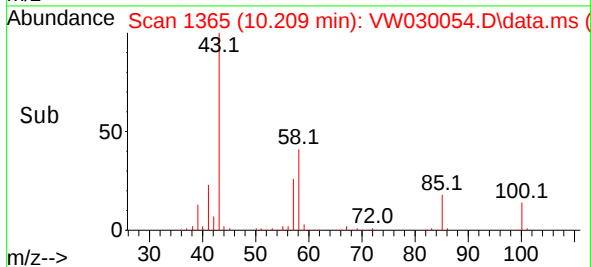
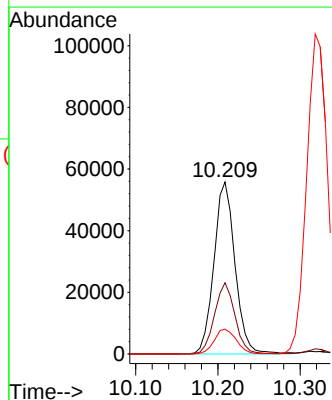
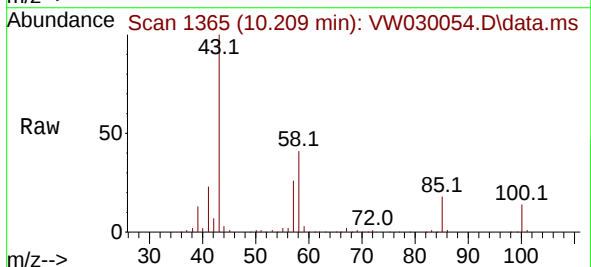
Tgt Ion: 43 Resp: 99192

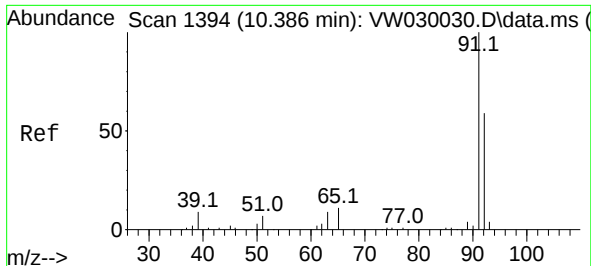
Ion Ratio Lower Upper

43 100

58 40.3 34.0 51.0

100 15.2 13.5 20.3





#42

Toluene

Concen: 22.697 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

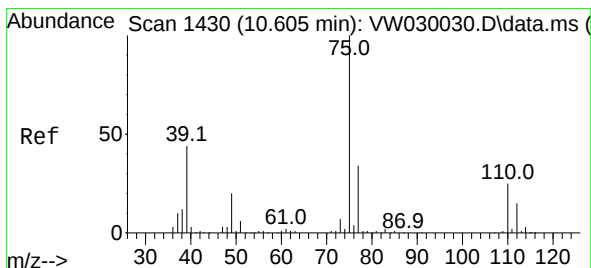
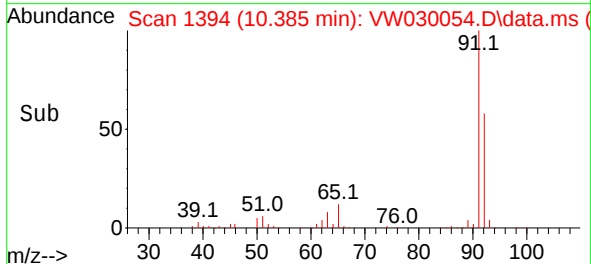
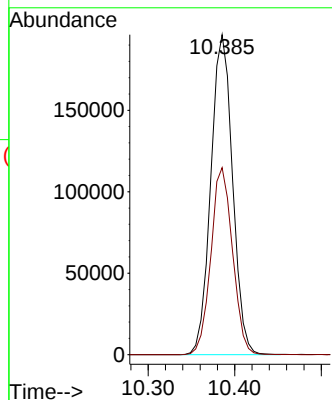
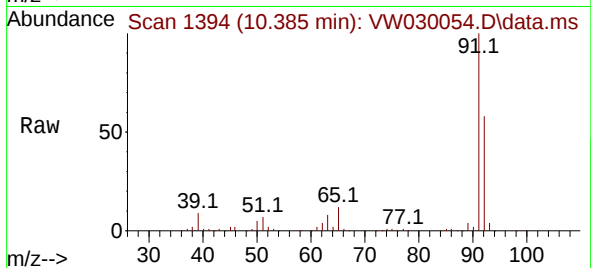
ClientSampleId :

Tgt Ion: 91 Resp: 342087

Ion Ratio Lower Upper

91 100

92 58.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 23.811 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030054.D

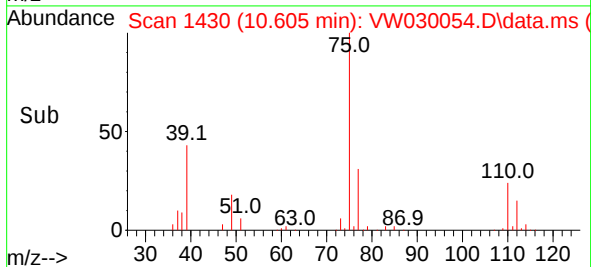
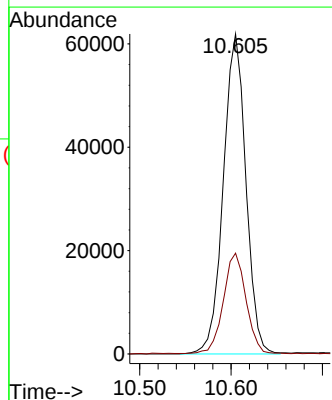
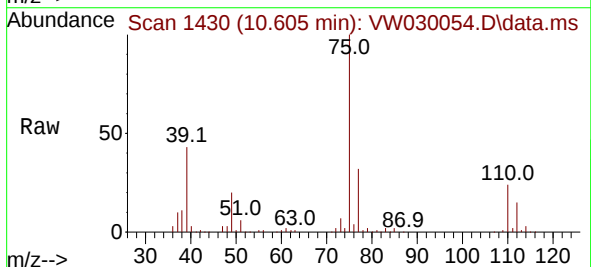
Acq: 27 Aug 2024 19:09

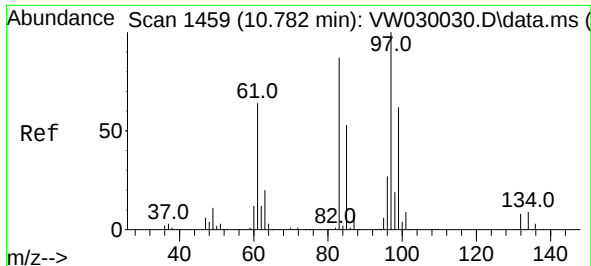
Tgt Ion: 75 Resp: 106285

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 23.625 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 62060

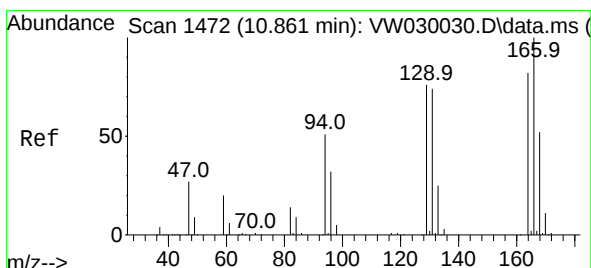
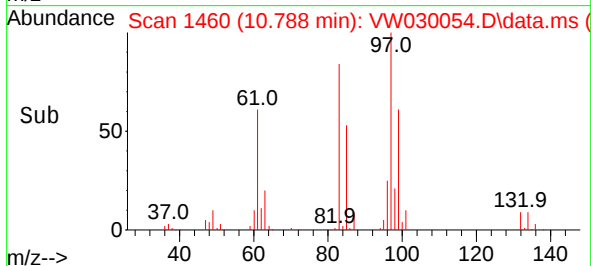
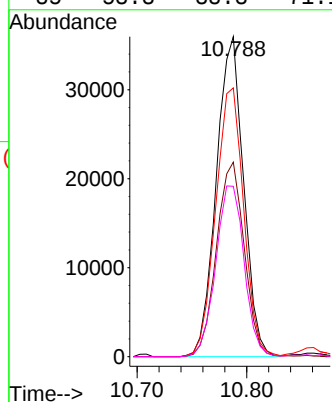
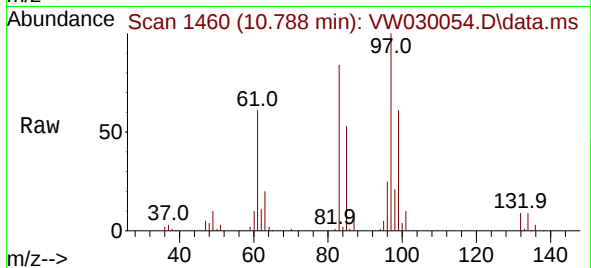
Ion Ratio Lower Upper

97 100

99 60.8 40.3 74.8

83 84.0 58.0 107.6

85 53.3 38.3 71.1



#46

Tetrachloroethene

Concen: 20.446 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Tgt Ion:164 Resp: 59142

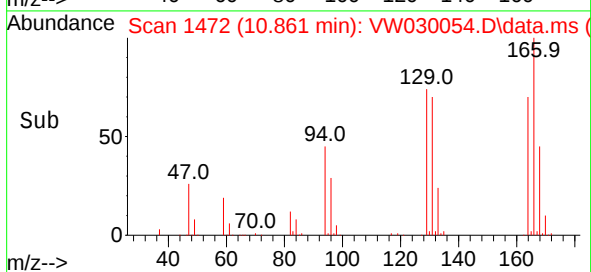
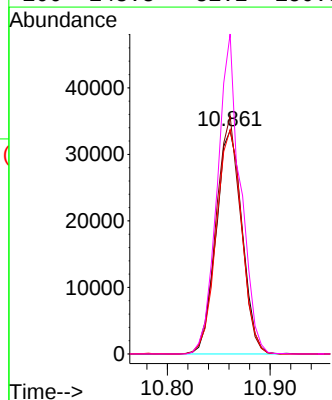
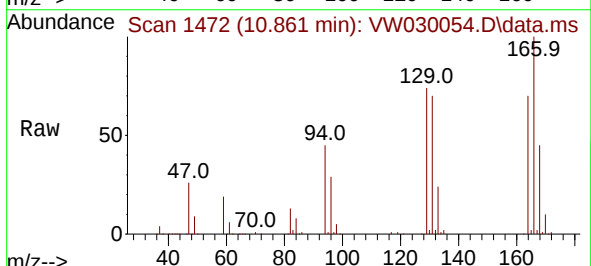
Ion Ratio Lower Upper

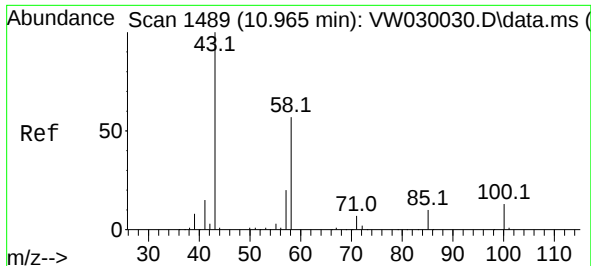
164 100

129 106.6 66.1 122.7

131 100.5 62.6 116.2

166 143.3 81.2 150.8





#48

2-Hexanone

Concen: 54.832 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

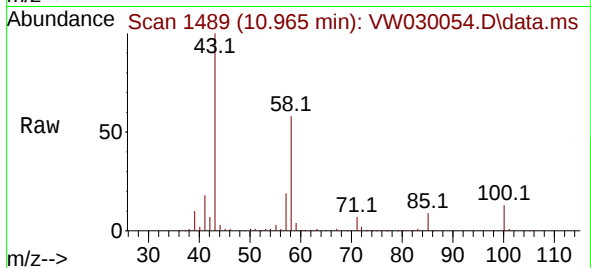
Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 69542

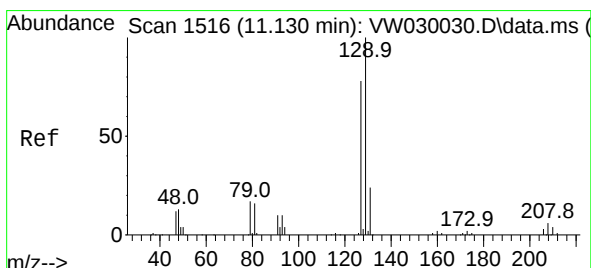
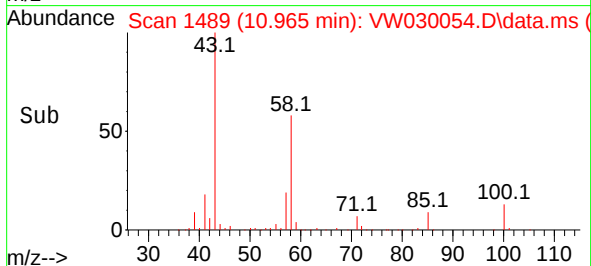
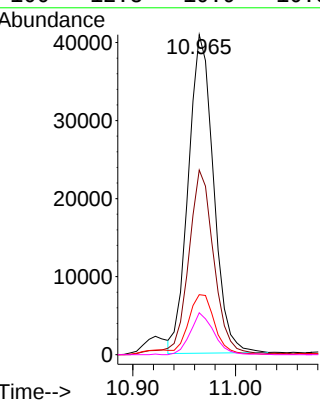
Ion Ratio Lower Upper

43 100

58 59.1 50.0 75.0

57 19.8 17.3 25.9

100 12.3 10.9 16.3



#49

Dibromochloromethane

Concen: 22.651 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW030054.D

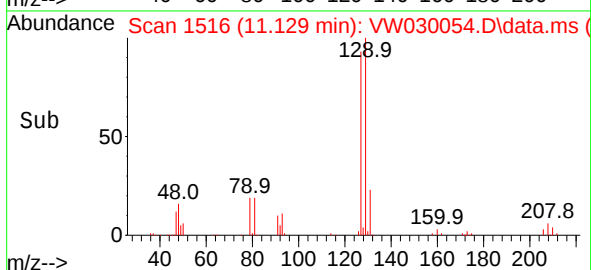
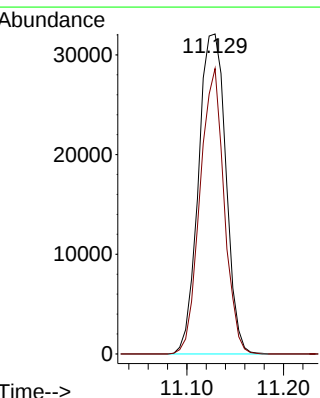
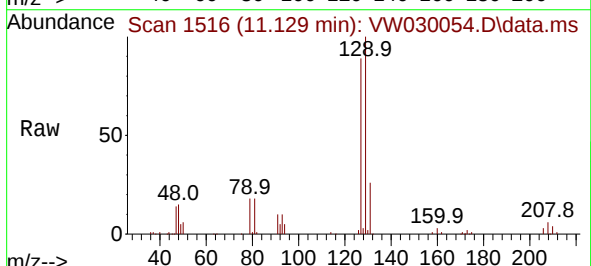
Acq: 27 Aug 2024 19:09

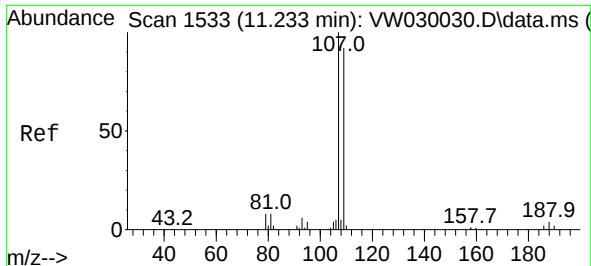
Tgt Ion:129 Resp: 63222

Ion Ratio Lower Upper

129 100

127 89.2 51.8 96.2





#50

1,2-Dibromoethane

Concen: 23.754 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030054.D

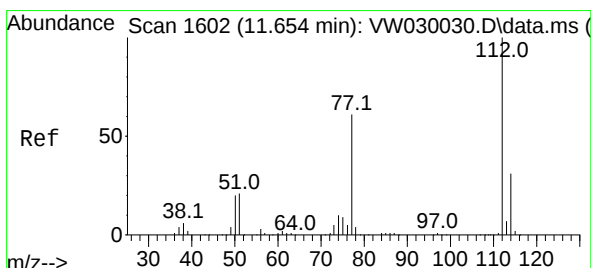
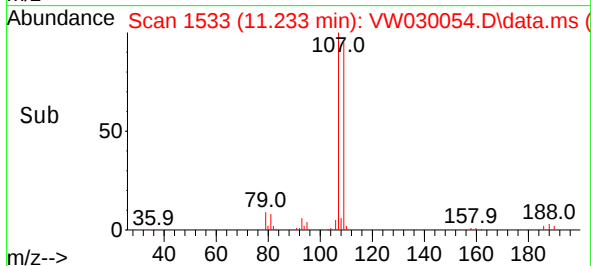
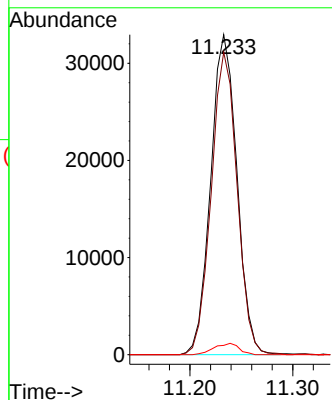
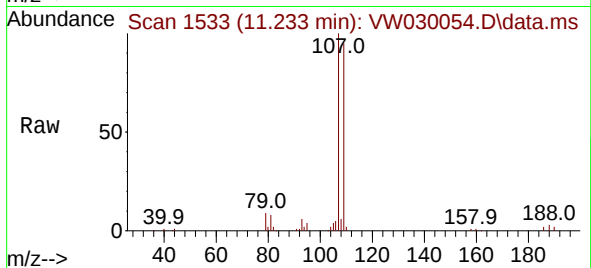
Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	58287
Ion Ratio	Lower	Upper	
107	100		
109	94.5	61.7	114.5
188	2.9	3.1	4.7#



#51

Chlorobenzene

Concen: 22.258 ug/L

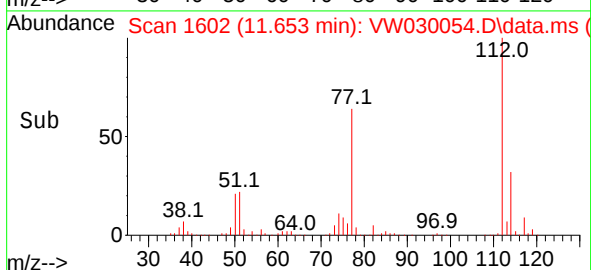
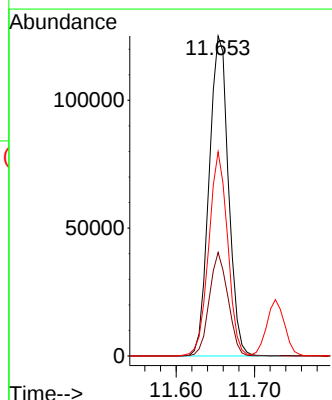
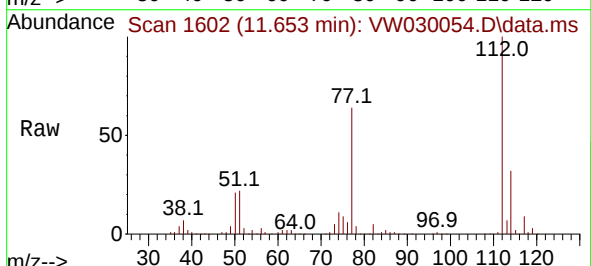
RT: 11.653 min Scan# 1602

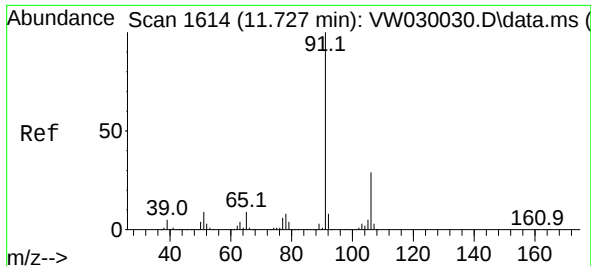
Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Tgt Ion:	112	Resp:	214499
Ion Ratio	Lower	Upper	
112	100		
114	32.3	20.9	38.9
77	63.8	47.1	70.7





#52

Ethylbenzene

Concen: 22.651 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

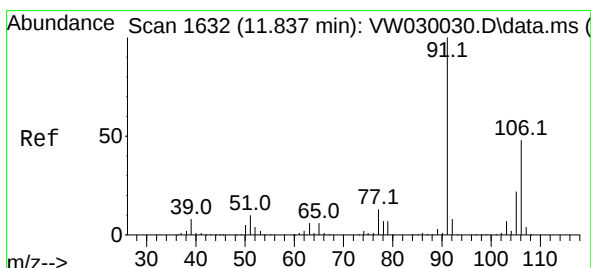
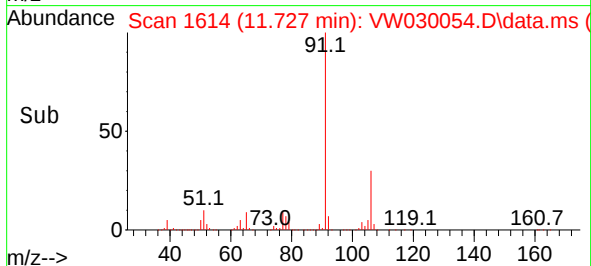
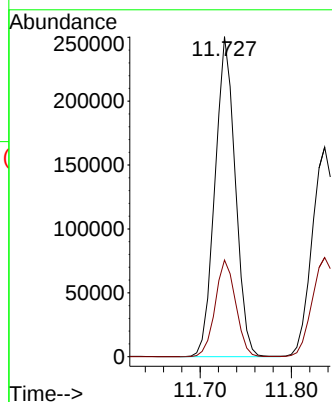
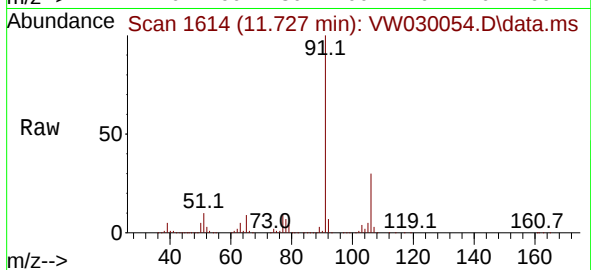
ClientSampleId :

Tgt Ion: 91 Resp: 386836

Ion Ratio Lower Upper

91 100

106 30.2 22.0 41.0



#53

m,p-Xylene

Concen: 22.614 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030054.D

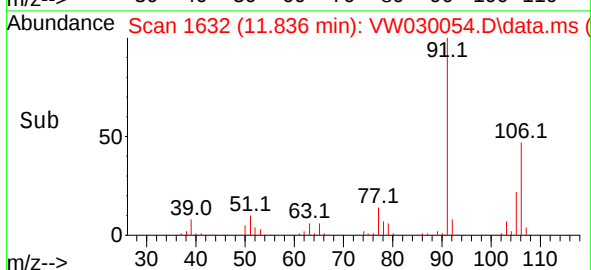
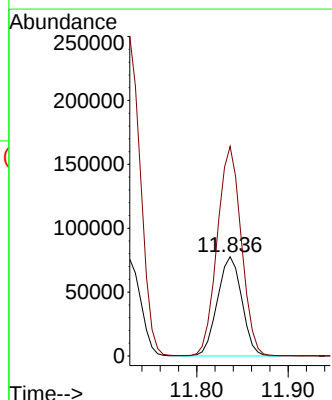
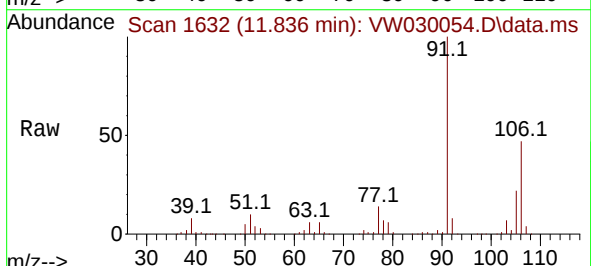
Acq: 27 Aug 2024 19:09

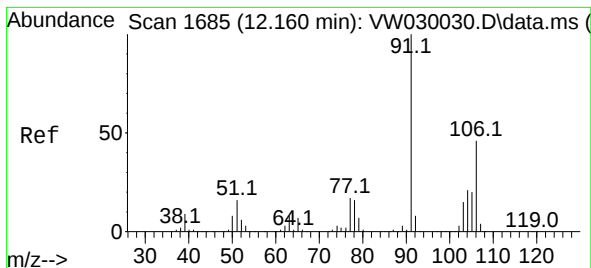
Tgt Ion:106 Resp: 144126

Ion Ratio Lower Upper

106 100

91 211.3 146.7 272.4





#54

o-Xylene

Concen: 22.209 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

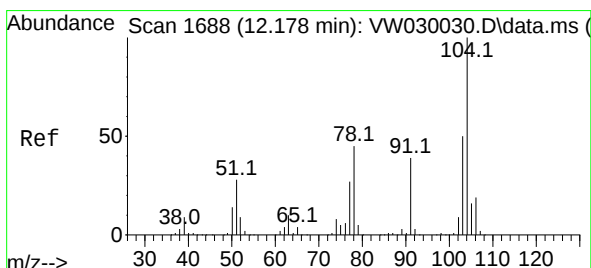
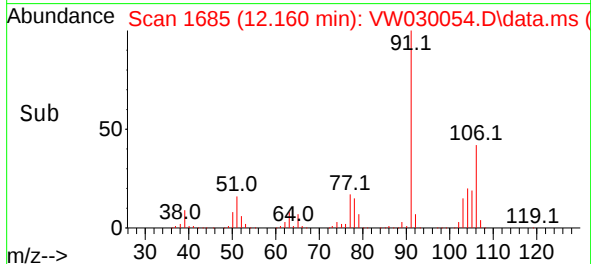
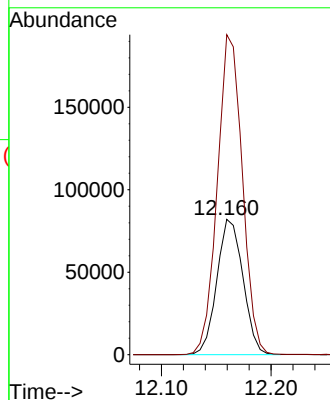
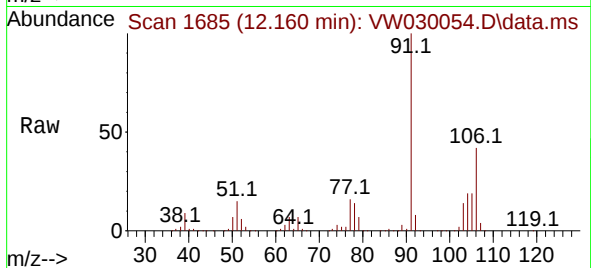
ClientSampleId :

Tgt Ion:106 Resp: 135854

Ion Ratio Lower Upper

106 100

91 236.4 153.9 285.7



#55

Styrene

Concen: 23.198 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030054.D

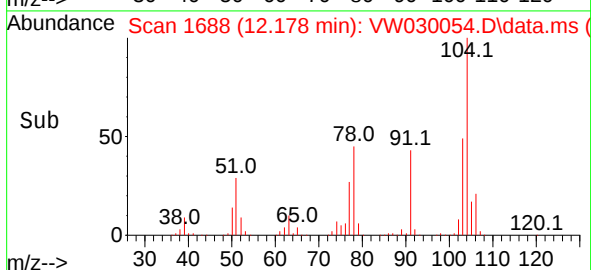
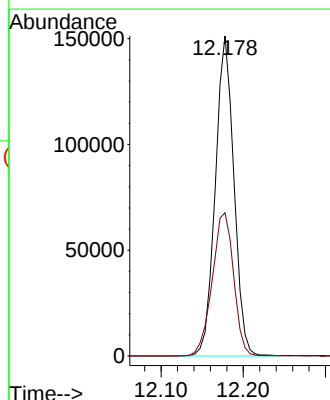
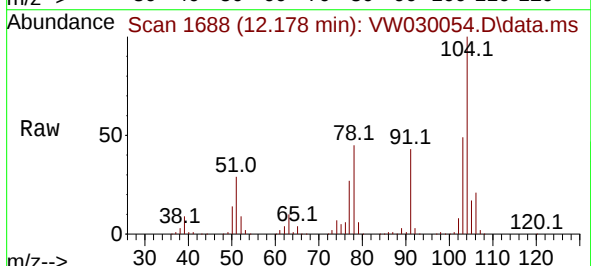
Acq: 27 Aug 2024 19:09

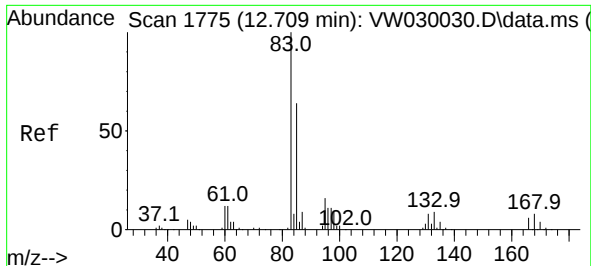
Tgt Ion:104 Resp: 237752

Ion Ratio Lower Upper

104 100

78 44.8 32.8 60.8

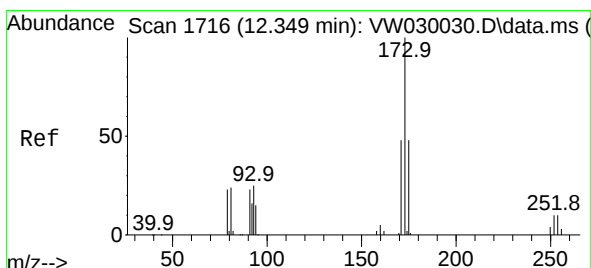
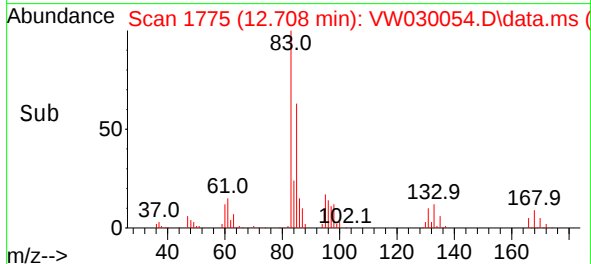
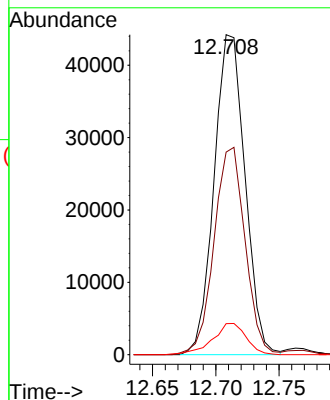
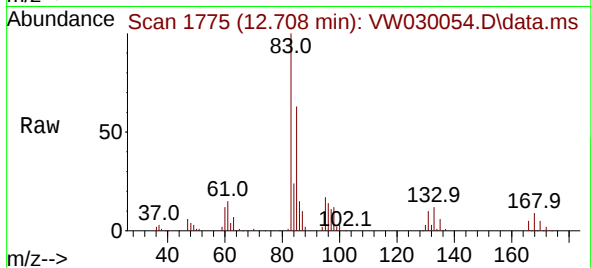




#57
1,1,2,2-Tetrachloroethane
Concen: 25.441 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

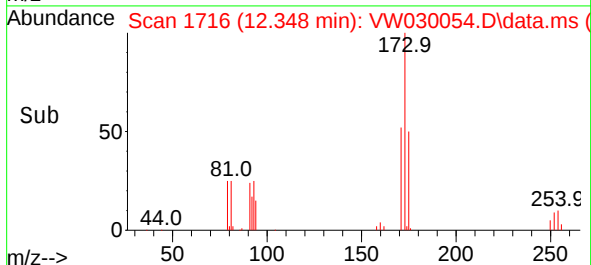
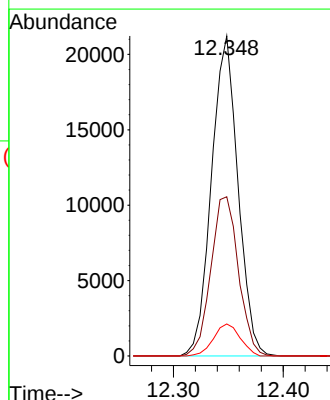
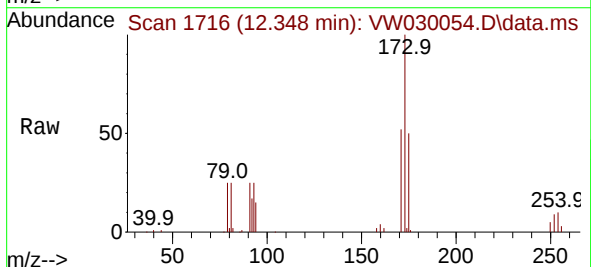
Instrument :
MSVOA_W
ClientSampleId :

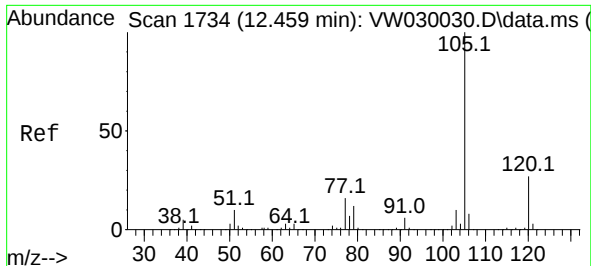
Tgt Ion: 83 Resp: 75258
Ion Ratio Lower Upper
83 100
85 63.3 44.0 81.8
131 9.7 7.3 10.9



#59
Bromoform
Concen: 21.949 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Tgt Ion:173 Resp: 35604
Ion Ratio Lower Upper
173 100
175 51.8 41.4 62.2
254 10.1 8.6 13.0





#60

Isopropylbenzene

Concen: 21.684 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

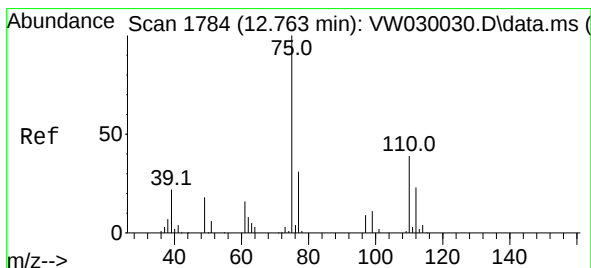
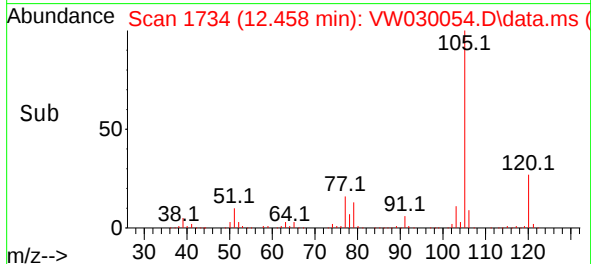
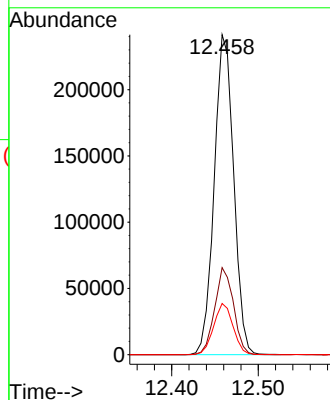
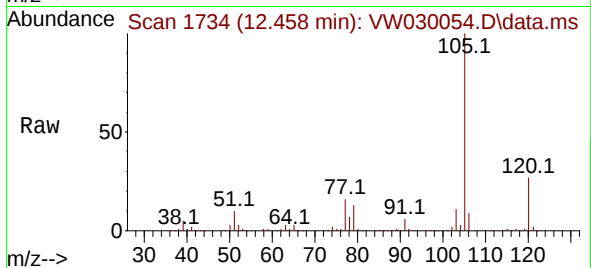
Tgt Ion:105 Resp: 376834

Ion Ratio Lower Upper

105 100

120 26.3 20.6 30.8

77 16.0 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 23.917 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

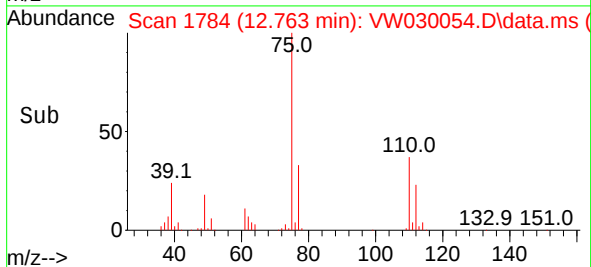
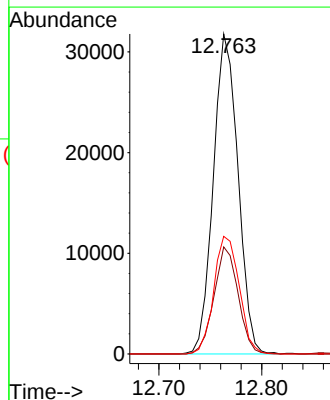
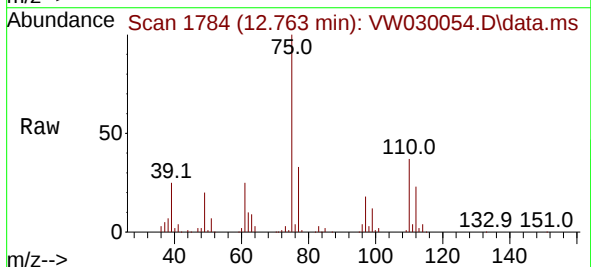
Tgt Ion: 75 Resp: 52972

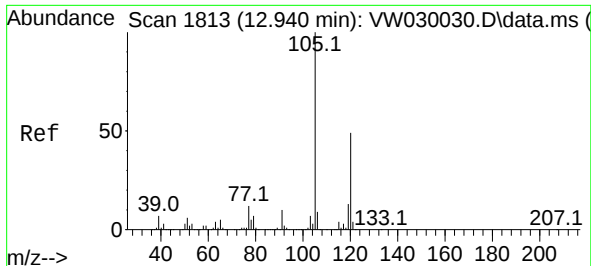
Ion Ratio Lower Upper

75 100

77 32.8 26.0 39.0

110 37.8 31.0 46.4

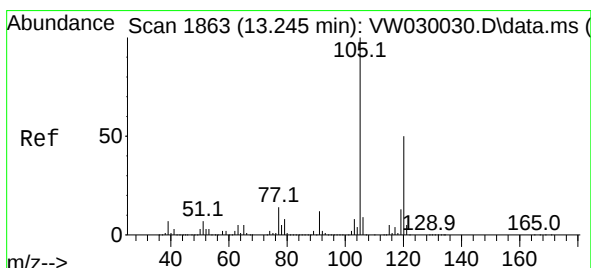
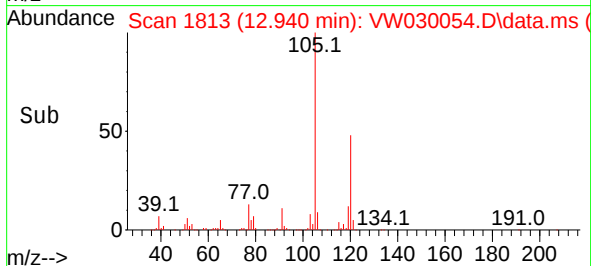
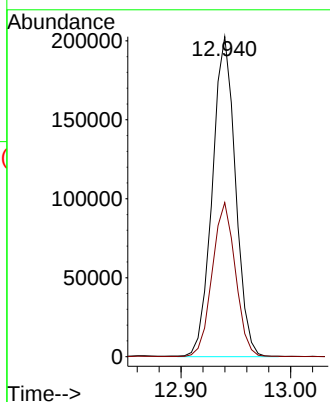
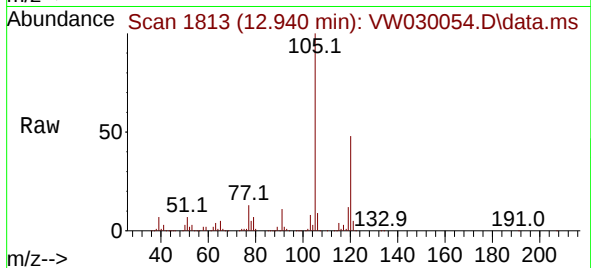




#62
1,3,5-Trimethylbenzene
Concen: 23.065 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

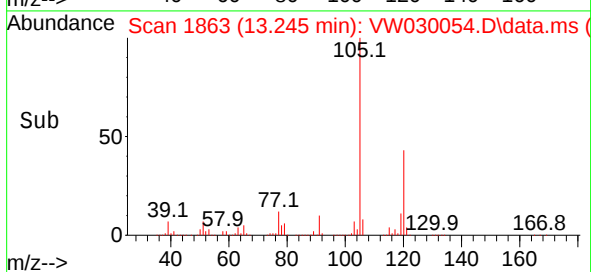
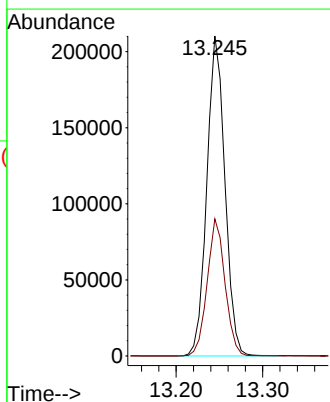
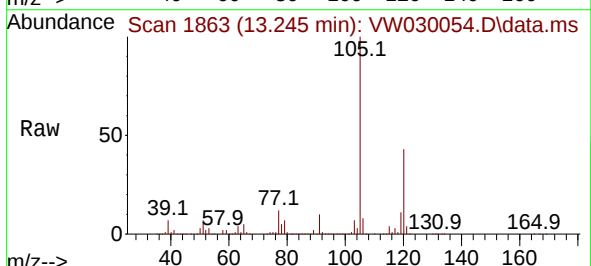
Instrument :
MSVOA_W
ClientSampleId :

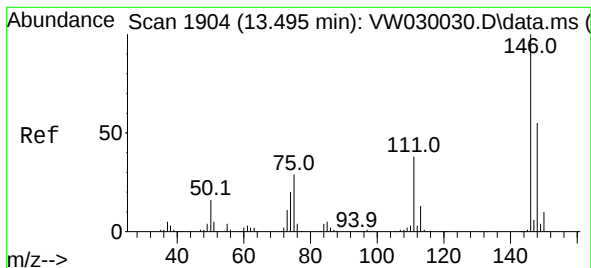
Tgt Ion:105 Resp: 298036
Ion Ratio Lower Upper
105 100
120 48.2 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 22.397 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

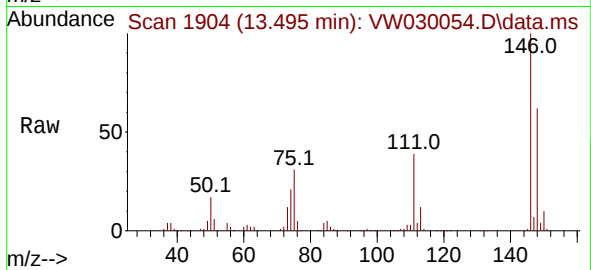
Tgt Ion:105 Resp: 305047
Ion Ratio Lower Upper
105 100
120 42.2 36.3 54.5



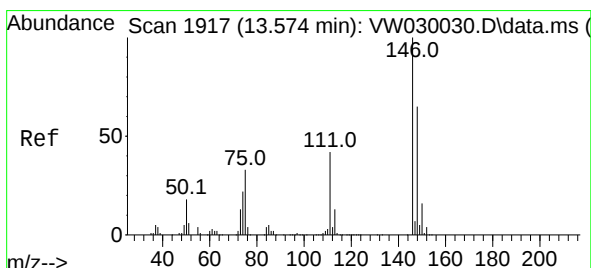
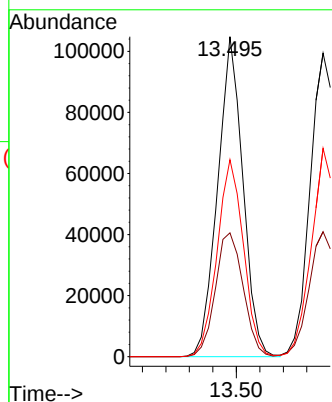
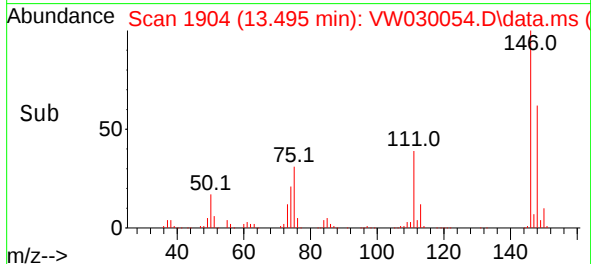


#64
1,3-Dichlorobenzene
Concen: 21.166 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

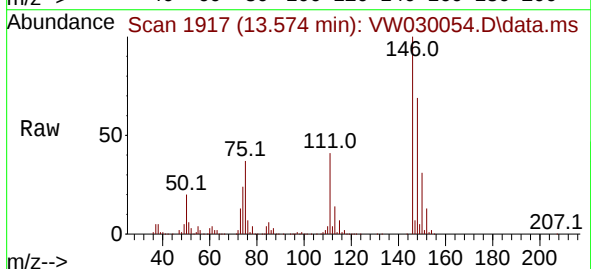
Instrument :
MSVOA_W
ClientSampleId :



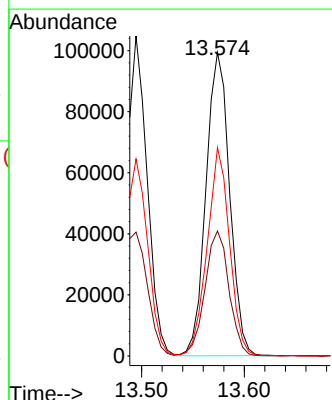
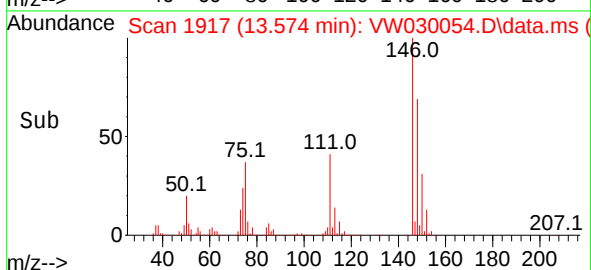
Tgt Ion:146 Resp: 156809
Ion Ratio Lower Upper
146 100
111 38.7 29.1 54.1
148 61.5 43.9 81.5

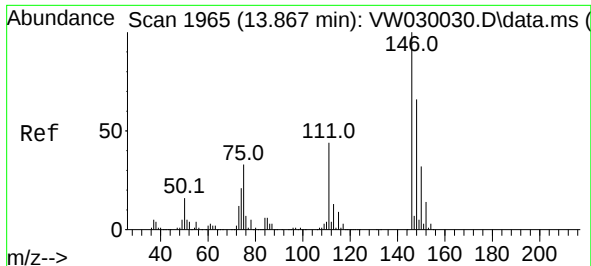


#65
1,4-Dichlorobenzene
Concen: 21.205 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09



Tgt Ion:146 Resp: 158705
Ion Ratio Lower Upper
146 100
111 41.2 28.2 52.4
148 68.6 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 22.113 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

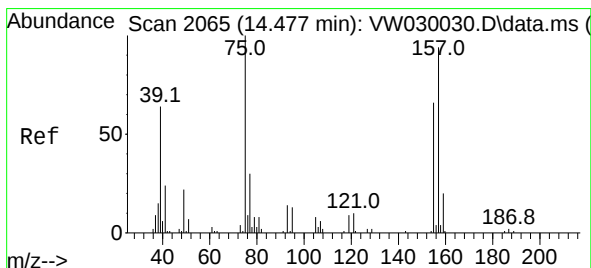
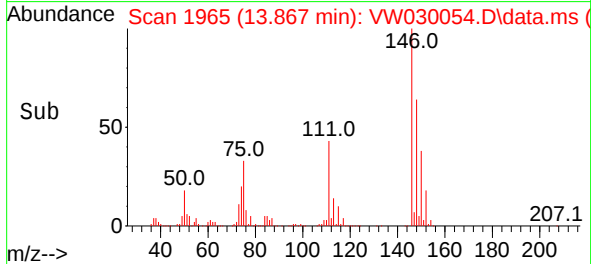
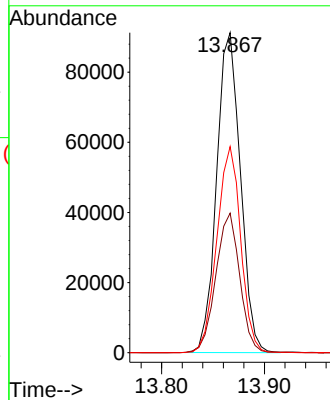
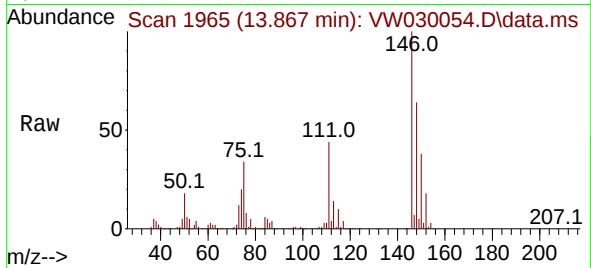
Tgt Ion:146 Resp: 146552

Ion Ratio Lower Upper

146 100

111 43.6 34.7 52.1

148 64.4 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.539 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

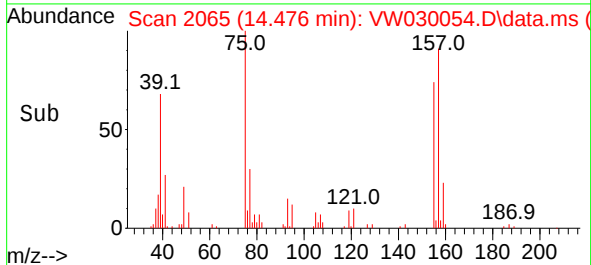
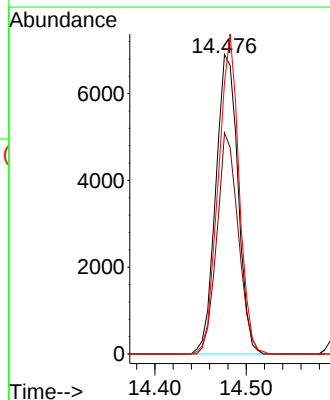
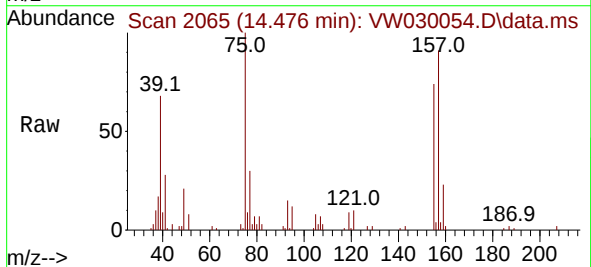
Tgt Ion: 75 Resp: 11634

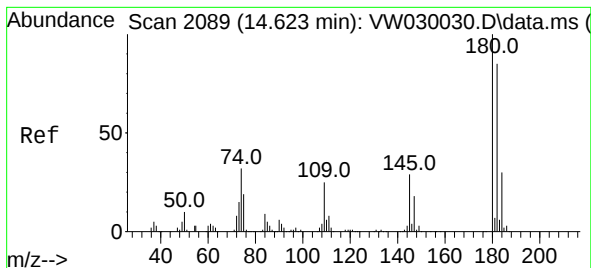
Ion Ratio Lower Upper

75 100

155 73.8 62.8 94.2

157 90.7 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 21.694 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

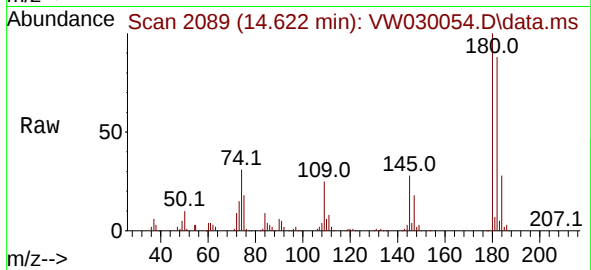
Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 104933

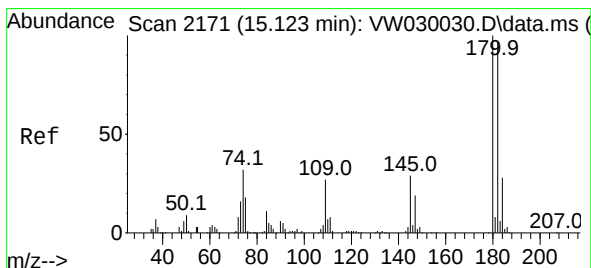
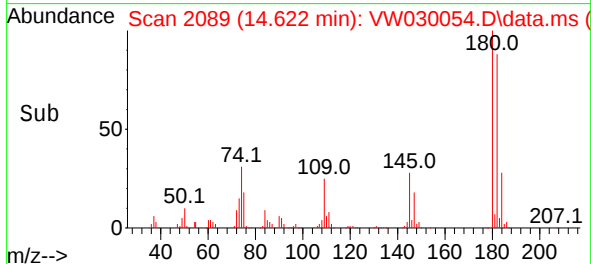
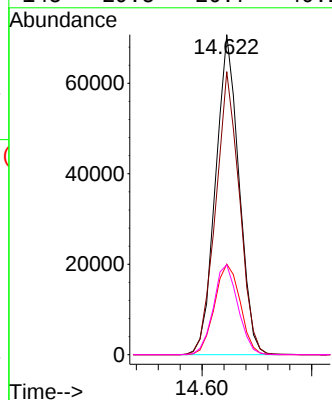
Ion Ratio Lower Upper

180 100

182 89.6 79.7 119.5

184 30.9 25.1 37.7

145 29.5 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 21.624 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030054.D

Acq: 27 Aug 2024 19:09

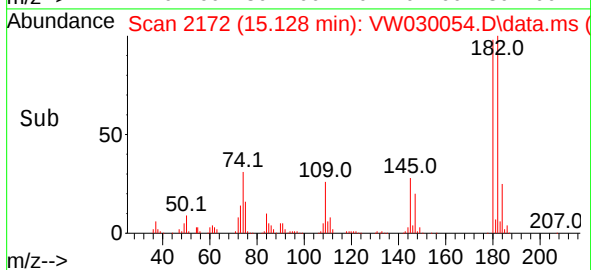
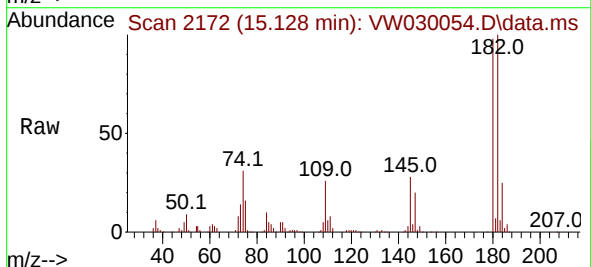
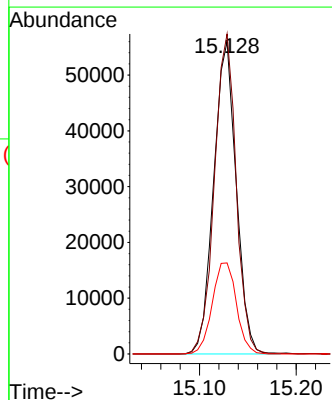
Tgt Ion:180 Resp: 90524

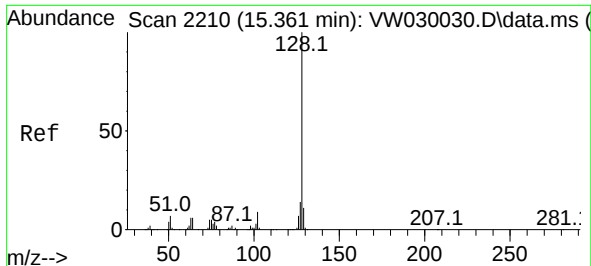
Ion Ratio Lower Upper

180 100

182 98.7 75.3 112.9

145 31.3 24.7 37.1

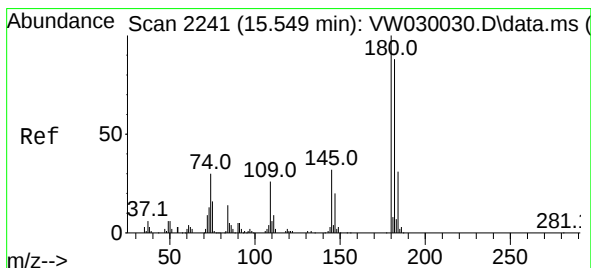
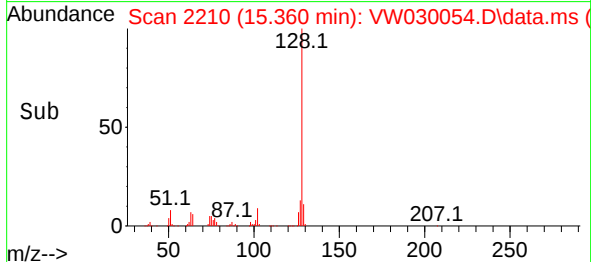
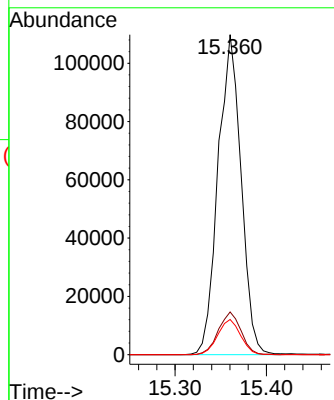
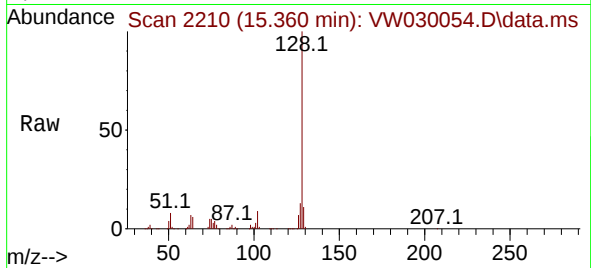




#71
Naphthalene
Concen: 24.049 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 192245
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.469 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030054.D
Acq: 27 Aug 2024 19:09

Tgt Ion:180 Resp: 82564
Ion Ratio Lower Upper
180 100
182 94.8 77.2 115.8
145 34.7 26.5 39.7

