

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112224\
 Data File : VW031093.D
 Acq On : 22 Nov 2024 09:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 22:05:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 22 00:06:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	413987	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	388338	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	196973	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127955	25.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.400%
7) Chloroethane-d5	2.905	69	98751	24.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.160%
11) 1,1-Dichloroethene-d2	4.021	65	55729	22.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.400%
21) 2-Butanone-d5	7.081	46	55555	47.809	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.620%
24) Chloroform-d	7.648	84	261265	23.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.307	65	129813	23.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.276	84	508666	23.130	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	9.270	67	145325	22.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.640%
41) Toluene-d8	10.319	98	462580	23.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.575	79	63369	23.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.880%
47) 2-Hexanone-d5	10.922	63	44537	47.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120561	24.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	154678	22.469	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	118773	24.200	ug/L	92
3) Chloromethane	2.229	50	143723	23.820	ug/L	97
5) Vinyl chloride	2.375	62	173282	27.851	ug/L	100
6) Bromomethane	2.796	94	112476	25.890	ug/L	93
8) Chloroethane	2.936	64	103829	27.823	ug/L	97
9) Trichlorofluoromethane	3.277	101	194839	22.640	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	151740	26.060	ug/L	97
12) 1,1-Dichloroethene	4.045	96	140644	24.792	ug/L	97
13) Acetone	4.125	43	102367	59.348	ug/L	99
14) Carbon disulfide	4.393	76	477502	25.968	ug/L	100
15) Methyl Acetate	4.667	43	56713	25.331	ug/L	100
16) Methylene chloride	4.917	84	148500	25.057	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	150646	24.480	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	216745	24.442	ug/L	99
19) 1,1-Dichloroethane	6.222	63	265459	24.616	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	157398	24.242	ug/L	97
22) 2-Butanone	7.167	43	105722	56.679	ug/L	99
23) Bromochloromethane	7.514	128	72928	25.069	ug/L	99
25) Chloroform	7.673	83	277329	24.603	ug/L	97

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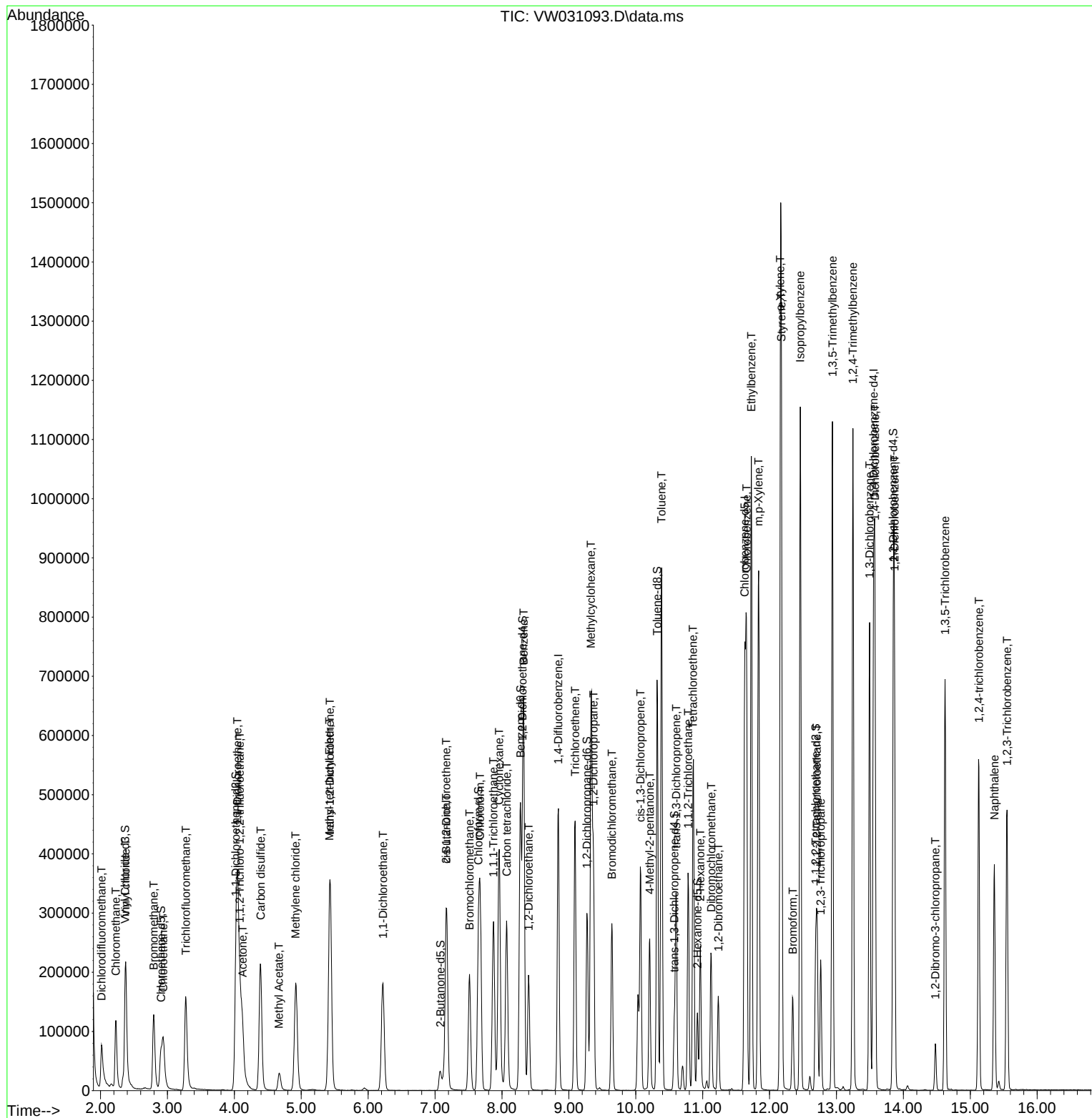
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173472	25.823	ug/L	99
29) Cyclohexane	7.959	56	229634	25.281	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	234070	24.849	ug/L	99
31) Carbon tetrachloride	8.069	117	215535	25.163	ug/L	97
33) Benzene	8.325	78	619910	24.939	ug/L	100
34) Trichloroethene	9.093	95	164180	24.382	ug/L	97
35) Methylcyclohexane	9.331	83	284227	26.267	ug/L	100
37) 1,2-Dichloropropane	9.368	63	154798	24.977	ug/L	100
38) Bromodichloromethane	9.642	83	197409	25.308	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	231626	24.798	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	164140	56.287	ug/L	99
42) Toluene	10.386	91	661838	25.212	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	194309	25.761	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	117061	25.968	ug/L	96
46) Tetrachloroethene	10.855	164	129586	24.066	ug/L	93
48) 2-Hexanone	10.965	43	148361	64.348	ug/L	97
49) Dibromochloromethane	11.130	129	124172	24.768	ug/L	98
50) 1,2-Dibromoethane	11.233	107	108702	25.339	ug/L	94
51) Chlorobenzene	11.654	112	414464	24.142	ug/L	94
52) Ethylbenzene	11.727	91	746624	25.367	ug/L	99
53) m,p-Xylene	11.837	106	286320	25.488	ug/L	92
54) o-Xylene	12.160	106	265966	25.192	ug/L	98
55) Styrene	12.178	104	461087	25.663	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	134086	26.667	ug/L	98
59) Bromoform	12.349	173	73362	24.886	ug/L	94
60) Isopropylbenzene	12.459	105	742845	25.885	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	94951	26.333	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	603801	26.672	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	585276	26.211	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	318539	24.337	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	329984	24.230	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	293513	25.017	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20830	26.430	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	227183	25.392	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	186524	26.068	ug/L	96
71) Naphthalene	15.360	128	325593	26.915	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	163612	25.691	ug/L	98

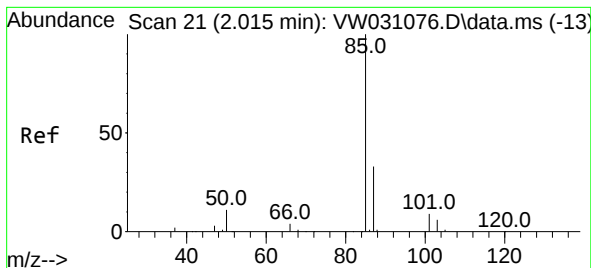
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#2

Dichlorodifluoromethane

Concen: 24.200 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

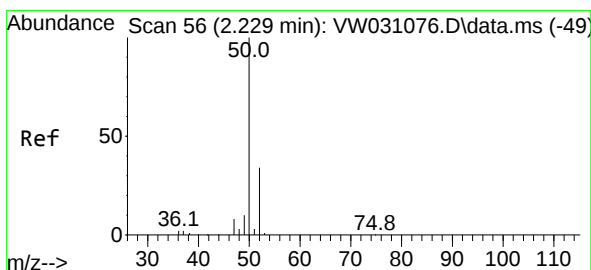
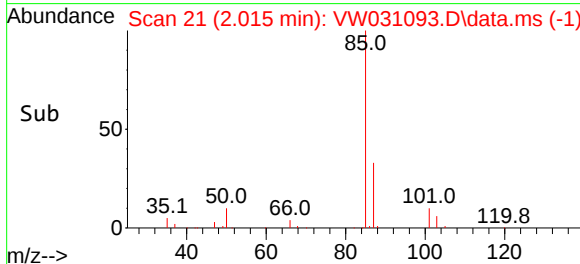
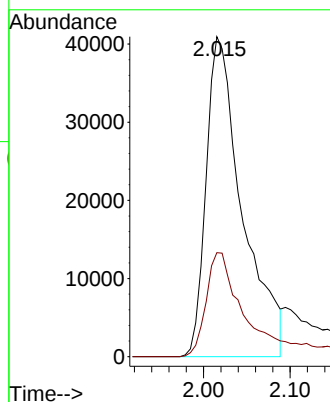
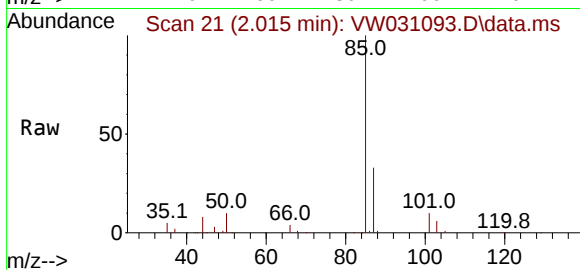
ClientSampleId :

Tgt Ion: 85 Resp: 118773

Ion Ratio Lower Upper

85 100

87 34.1 23.8 35.6



#3

Chloromethane

Concen: 23.820 ug/L

RT: 2.229 min Scan# 56

Delta R.T. 0.000 min

Lab File: VW031093.D

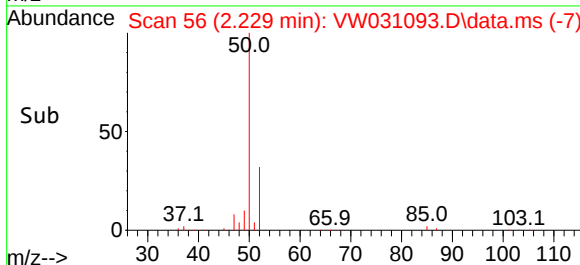
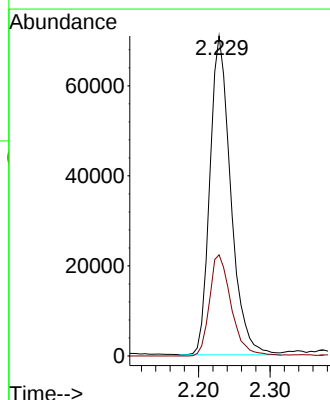
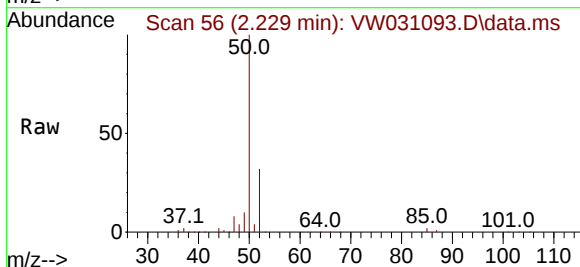
Acq: 22 Nov 2024 09:22

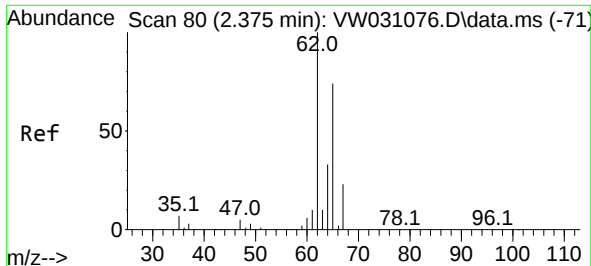
Tgt Ion: 50 Resp: 143723

Ion Ratio Lower Upper

50 100

52 31.6 23.4 43.6

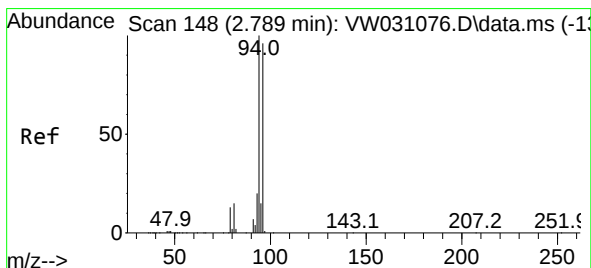
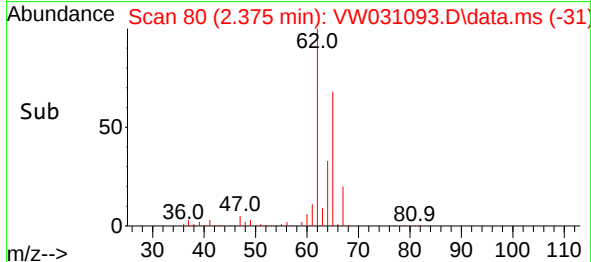
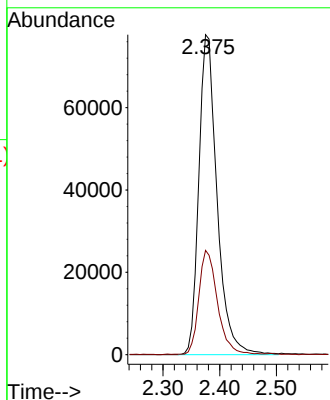
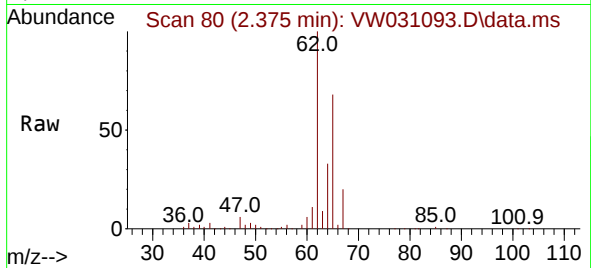




#5
 Vinyl chloride
 Concen: 27.851 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031093.D
 Acq: 22 Nov 2024 09:22

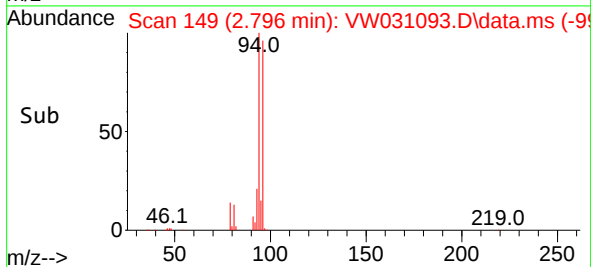
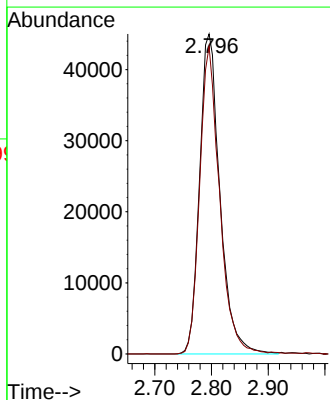
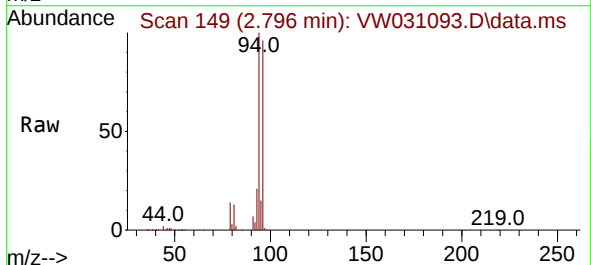
Instrument :
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 ClientSampleId :

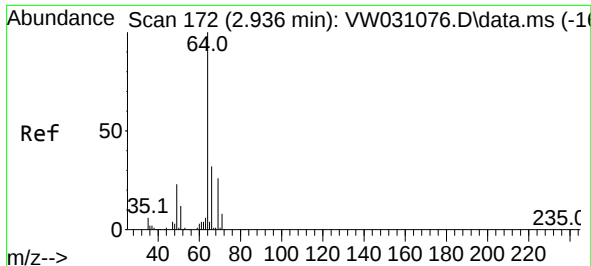
Tgt Ion: 62 Resp: 173282
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.1



#6
 Bromomethane
 Concen: 25.890 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW031093.D
 Acq: 22 Nov 2024 09:22

Tgt Ion: 94 Resp: 112476
 Ion Ratio Lower Upper
 94 100
 96 96.1 62.6 116.3

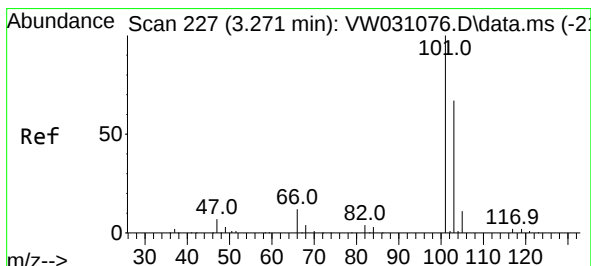
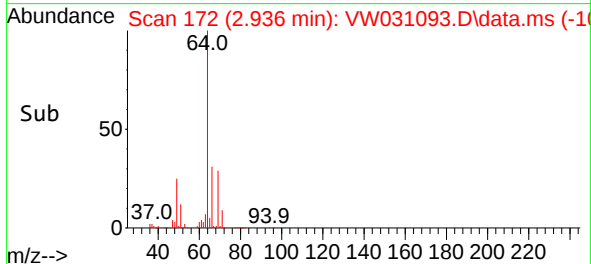
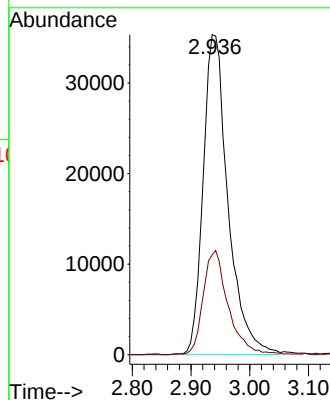
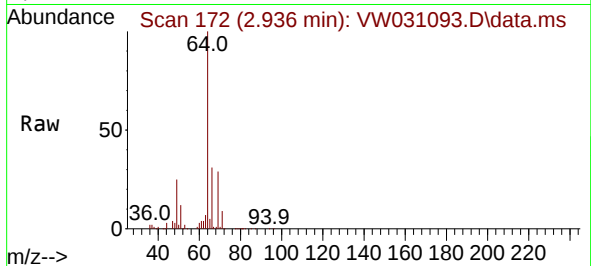




#8
Chloroethane
Concen: 27.823 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

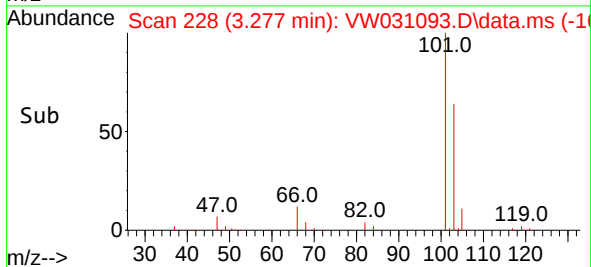
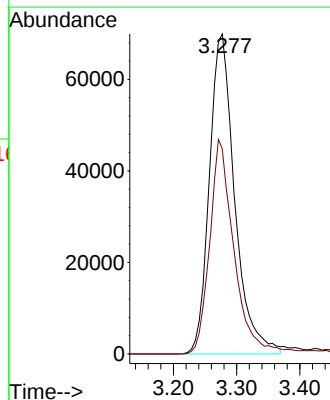
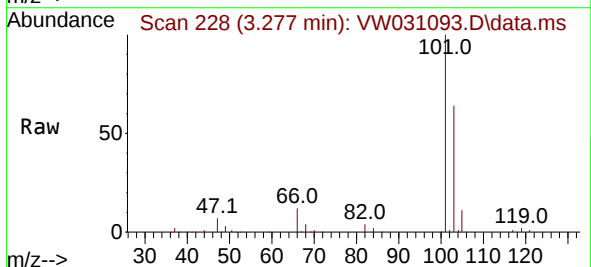
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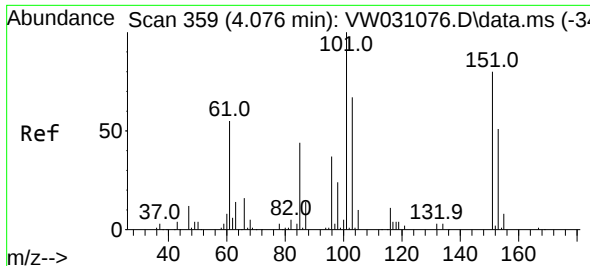
Tgt Ion: 64 Resp: 103829
Ion Ratio Lower Upper
64 100
66 31.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.640 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion:101 Resp: 194839
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1

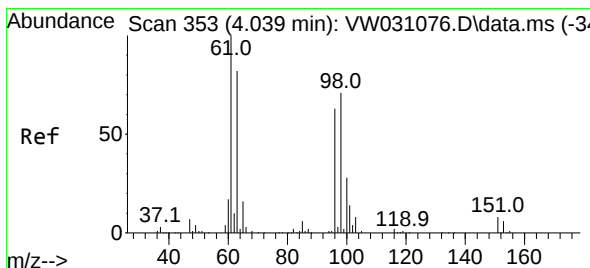
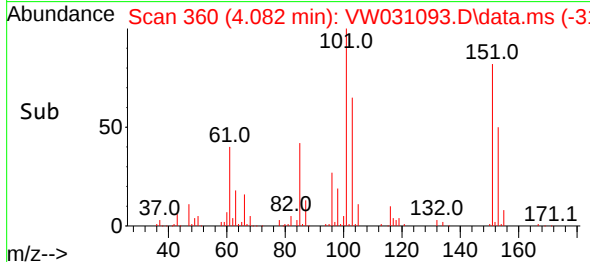
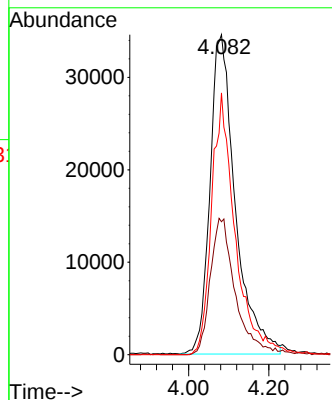
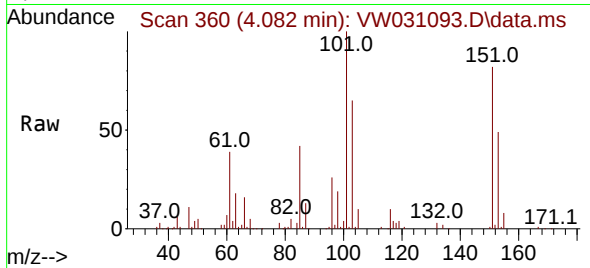




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.060 ug/L
 RT: 4.082 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW031093.D
 Acq: 22 Nov 2024 09:22

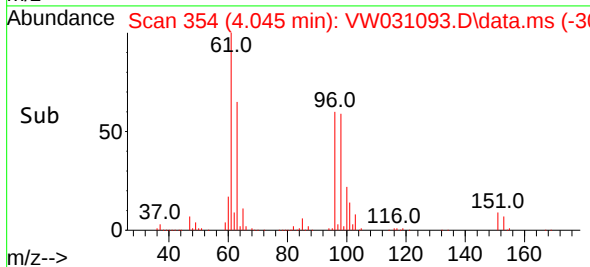
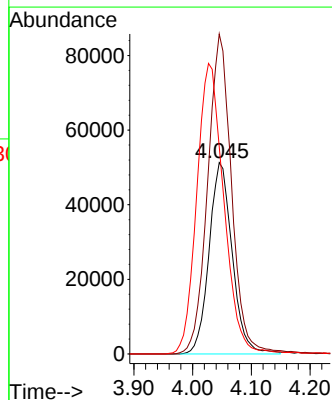
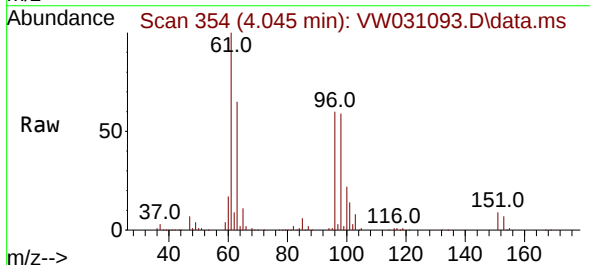
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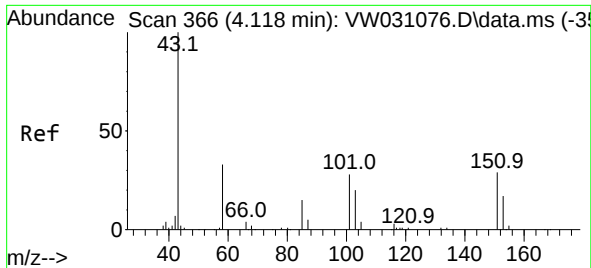
Tgt Ion:101 Resp: 151740
 Ion Ratio Lower Upper
 101 100
 85 41.6 33.9 50.9
 151 73.3 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 24.792 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW031093.D
 Acq: 22 Nov 2024 09:22

Tgt Ion: 96 Resp: 140644
 Ion Ratio Lower Upper
 96 100
 61 167.2 113.5 210.9
 63 108.2 73.8 137.2





#13

Acetone

Concen: 59.348 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

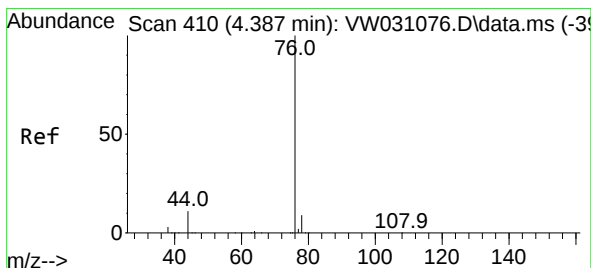
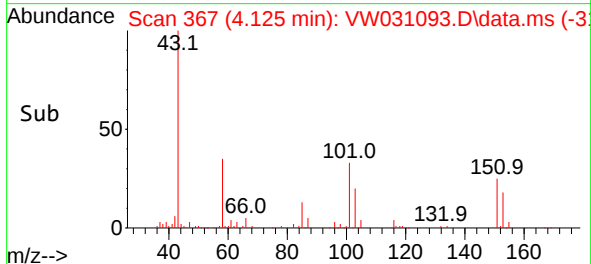
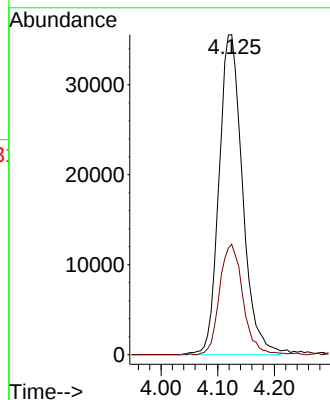
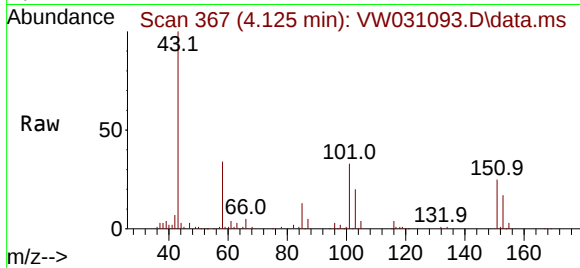
ClientSampleId :

Tgt Ion: 43 Resp: 102367

Ion Ratio Lower Upper

43 100

58 34.3 0.0 67.2



#14

Carbon disulfide

Concen: 25.968 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW031093.D

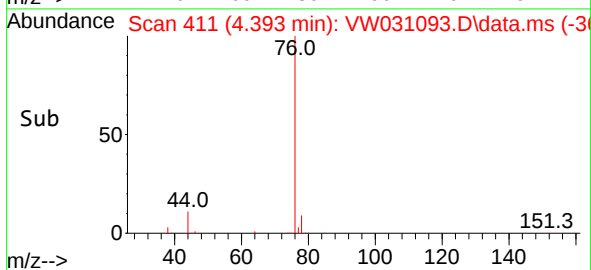
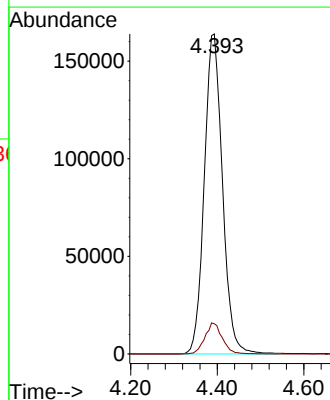
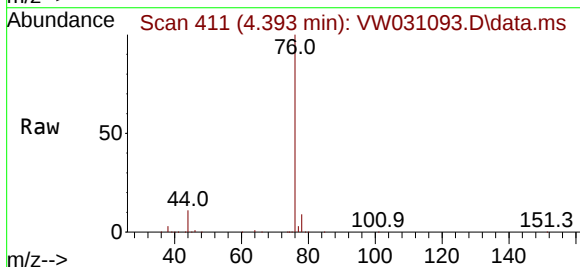
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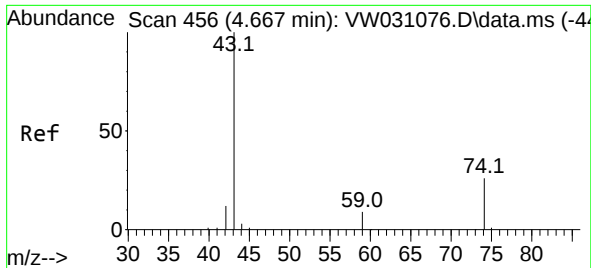
Tgt Ion: 76 Resp: 477502

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

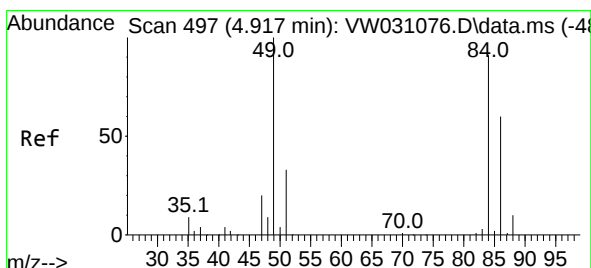
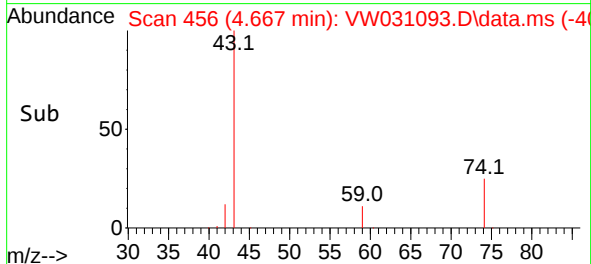
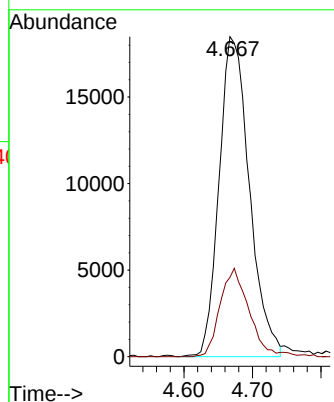
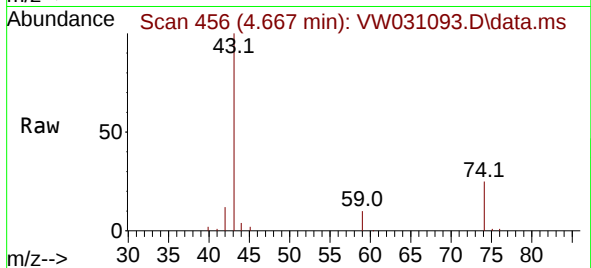




#15
Methyl Acetate
Concen: 25.331 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

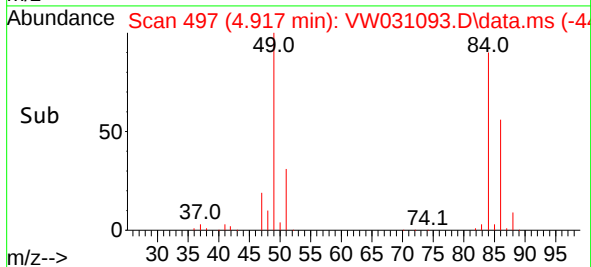
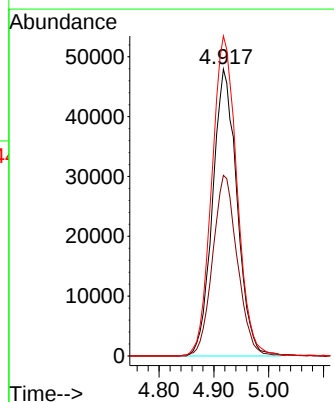
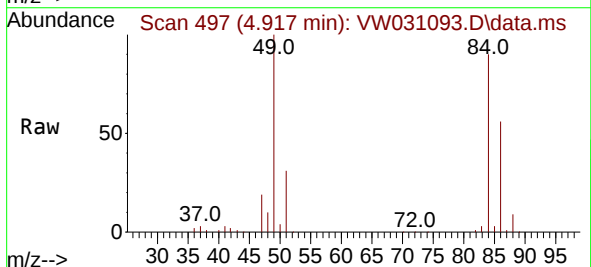
Instrument :
MSVOA_W
ClientSampleId :

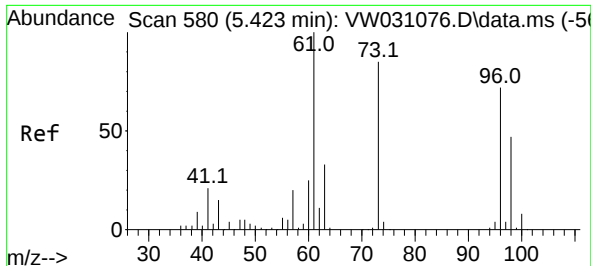
Tgt Ion: 43 Resp: 56713
Ion Ratio Lower Upper
43 100
74 25.8 20.8 31.2



#16
Methylene chloride
Concen: 25.057 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion: 84 Resp: 148500
Ion Ratio Lower Upper
84 100
86 62.9 44.9 83.5
49 111.5 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 24.480 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

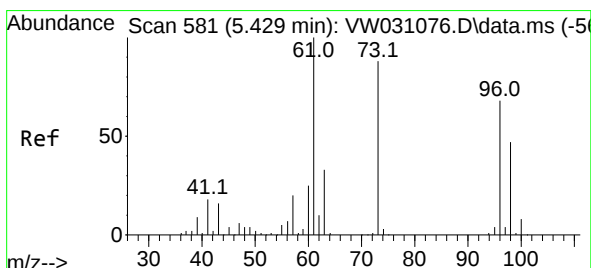
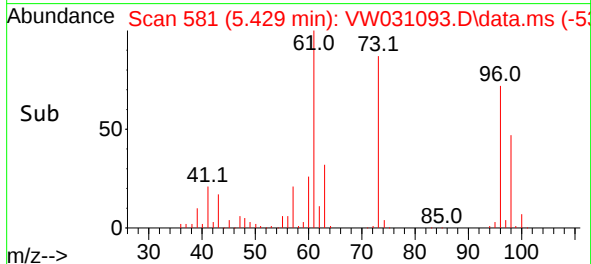
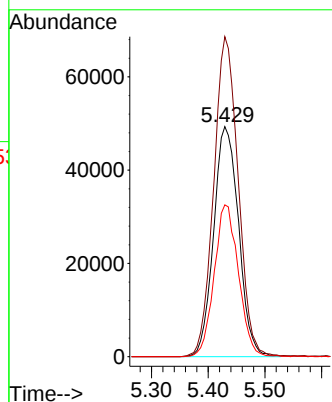
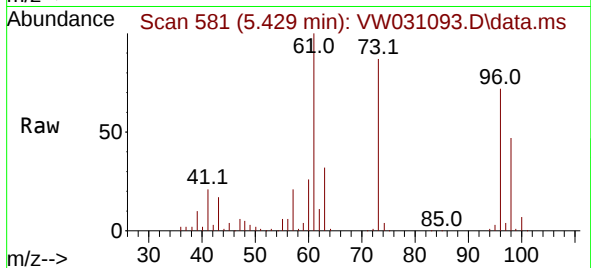
Tgt Ion: 96 Resp: 150646

Ion Ratio Lower Upper

96 100

61 139.1 92.7 172.3

98 66.0 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 24.442 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

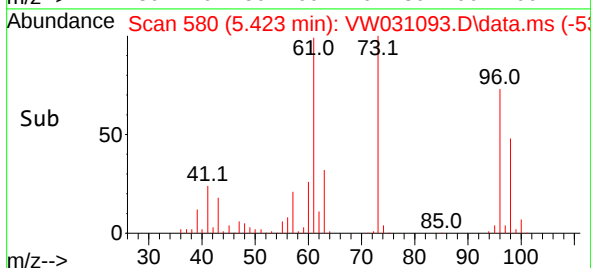
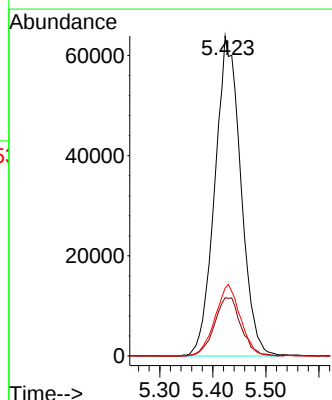
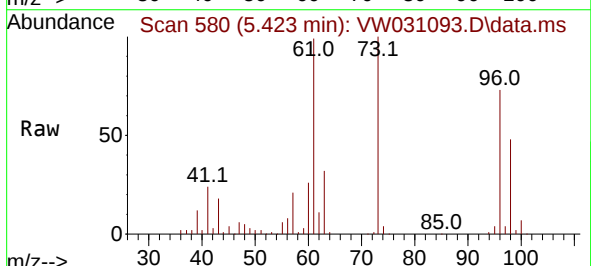
Tgt Ion: 73 Resp: 216745

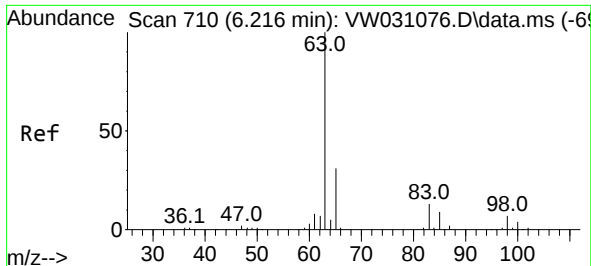
Ion Ratio Lower Upper

73 100

43 18.6 15.4 23.0

57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 24.616 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

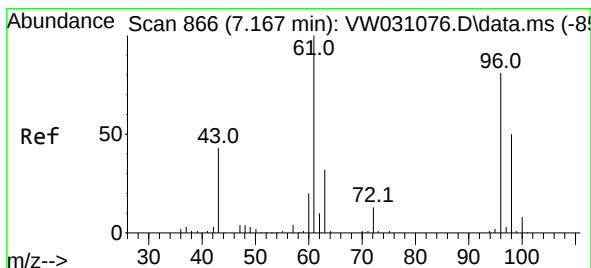
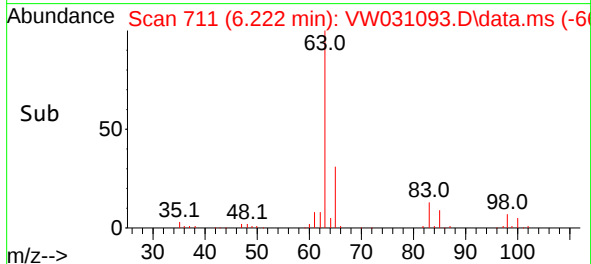
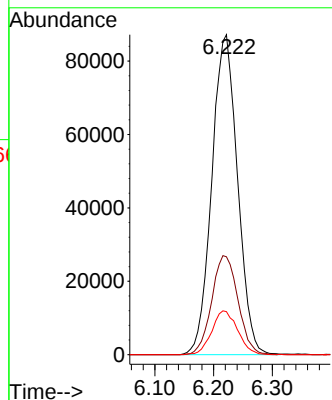
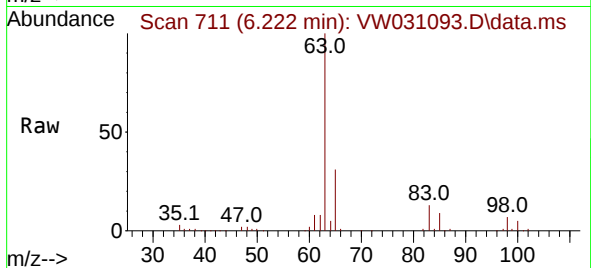
Tgt Ion: 63 Resp: 265459

Ion Ratio Lower Upper

63 100

65 30.6 21.7 40.3

83 13.5 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.242 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

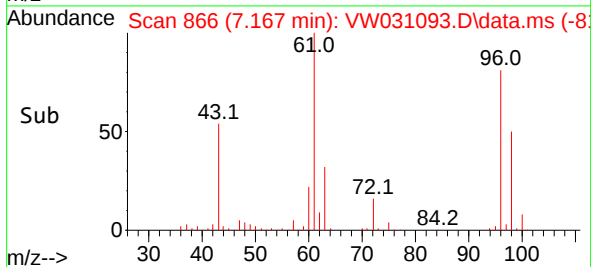
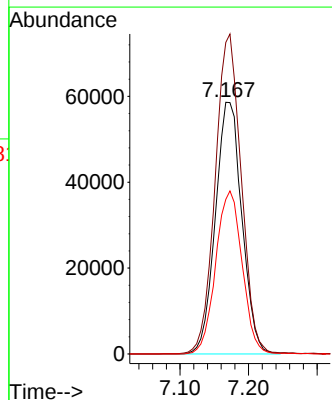
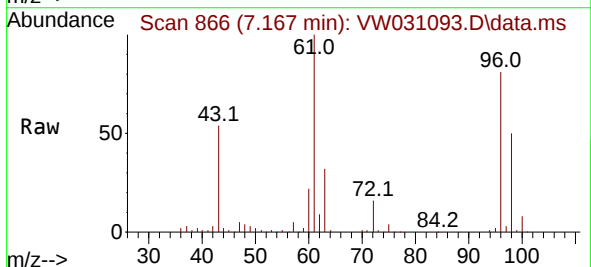
Tgt Ion: 96 Resp: 157398

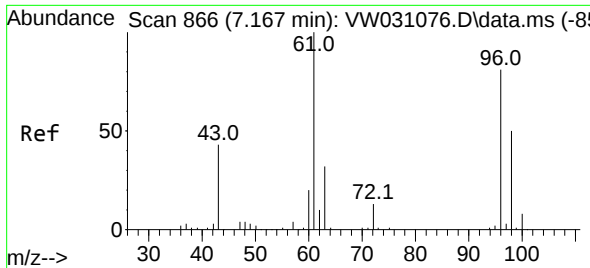
Ion Ratio Lower Upper

96 100

61 123.8 83.7 155.5

98 61.4 43.9 81.5

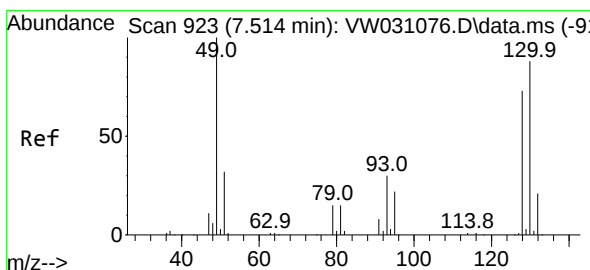
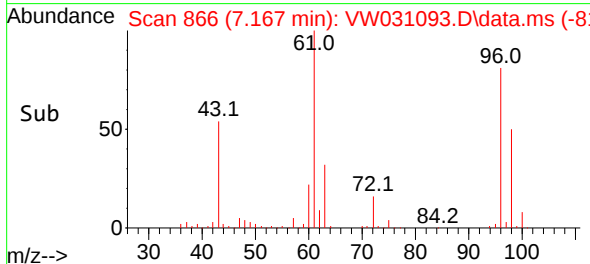
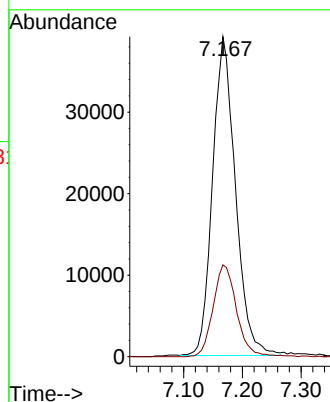
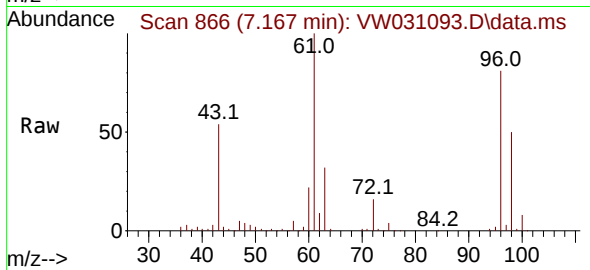




#22
2-Butanone
Concen: 56.679 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

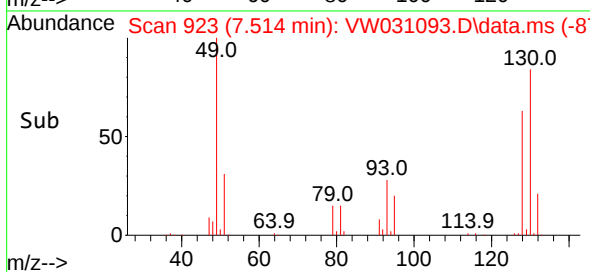
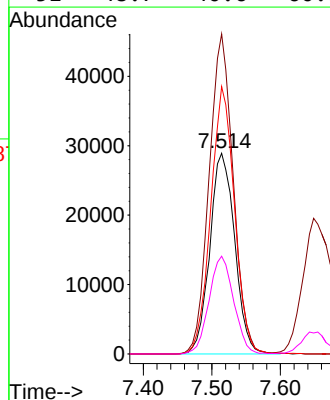
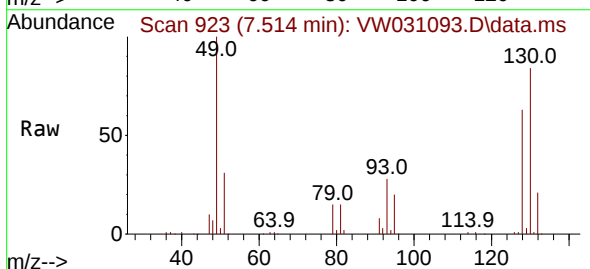
Instrument :
MSVOA_W
ClientSampleId :

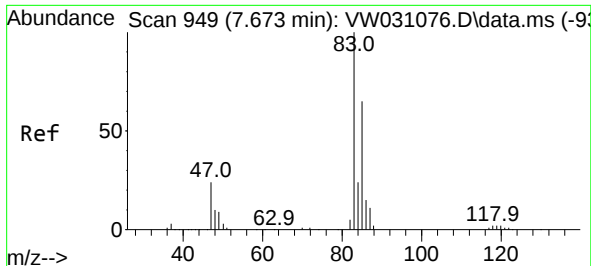
Tgt Ion: 43 Resp: 105722
Ion Ratio Lower Upper
43 100
72 29.4 14.9 44.7



#23
Bromochloromethane
Concen: 25.069 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion:128 Resp: 72928
Ion Ratio Lower Upper
128 100
49 159.5 110.9 206.1
130 133.2 93.7 173.9
51 48.7 40.6 60.8

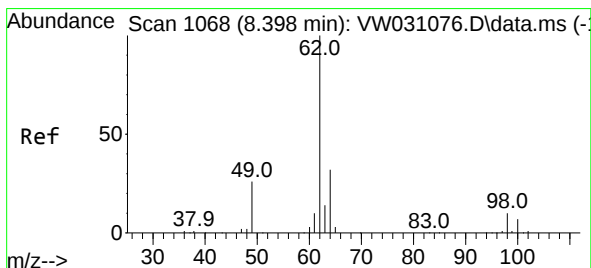
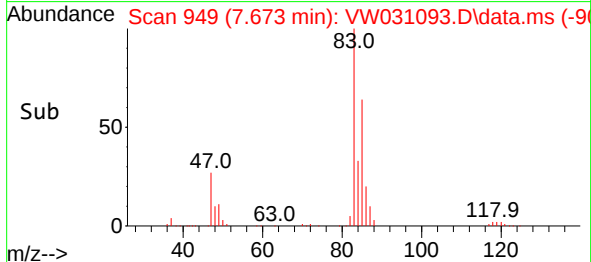
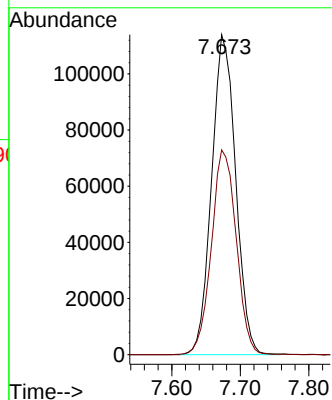
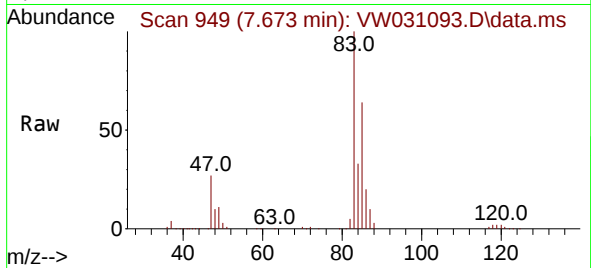




#25
Chloroform
Concen: 24.603 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

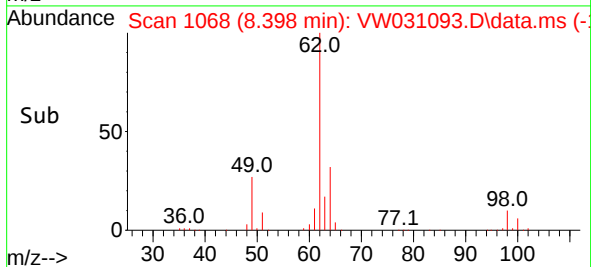
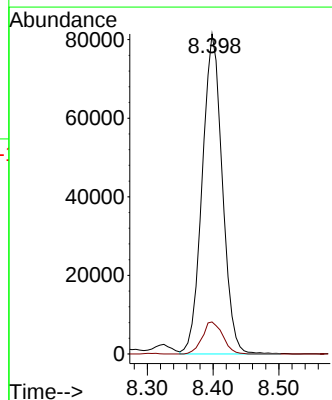
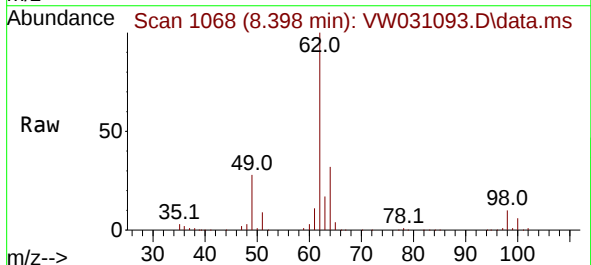
Instrument :
MSVOA_W
ClientSampleId :

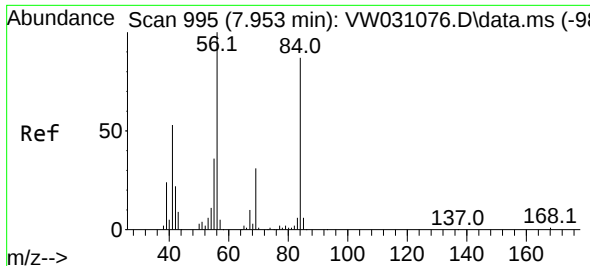
Tgt Ion: 83 Resp: 277329
Ion Ratio Lower Upper
83 100
85 64.0 46.5 86.3



#27
1,2-Dichloroethane
Concen: 25.823 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

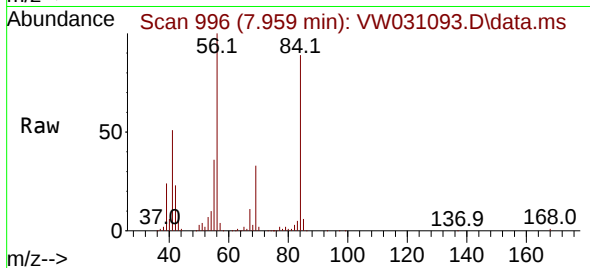
Tgt Ion: 62 Resp: 173472
Ion Ratio Lower Upper
62 100
98 10.0 7.7 11.5



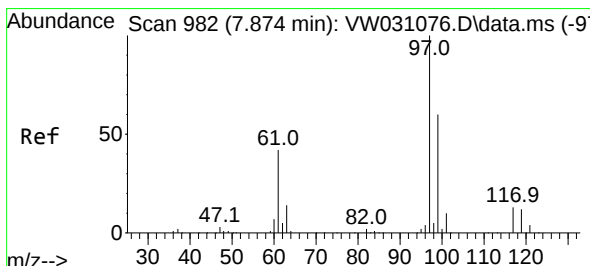
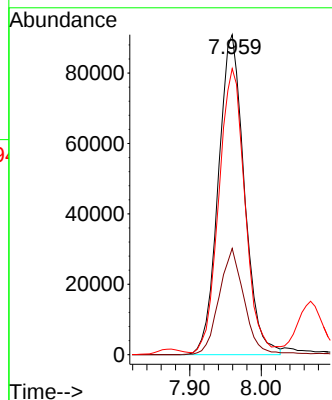
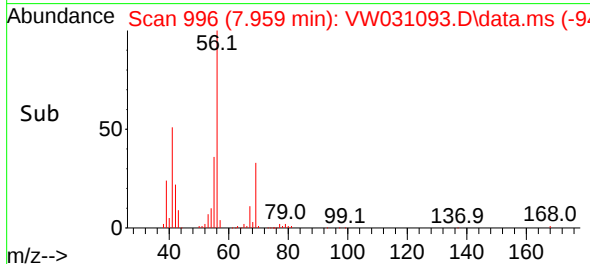


#29
Cyclohexane
Concen: 25.281 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Instrument :
MSVOA_W
ClientSampleId :

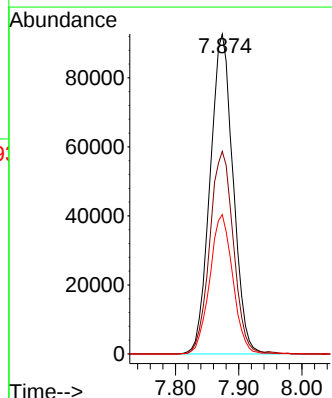
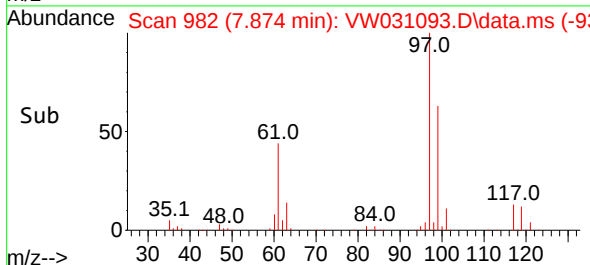
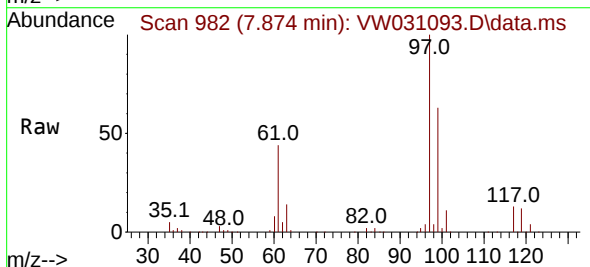


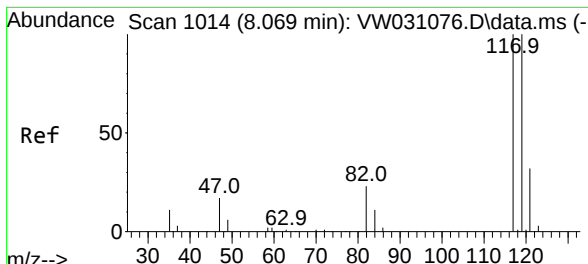
Tgt Ion: 56 Resp: 229634
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.2
84 89.2 71.1 106.7



#30
1,1,1-Trichloroethane
Concen: 24.849 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion: 97 Resp: 234070
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 43.6 33.8 50.6



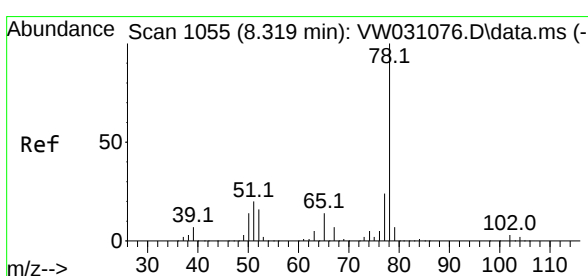
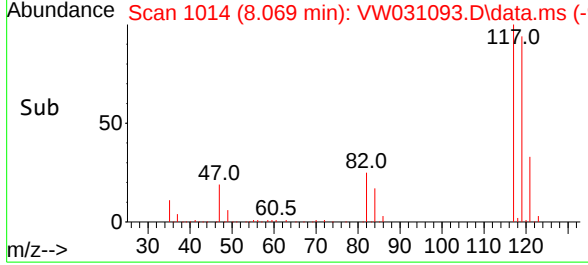
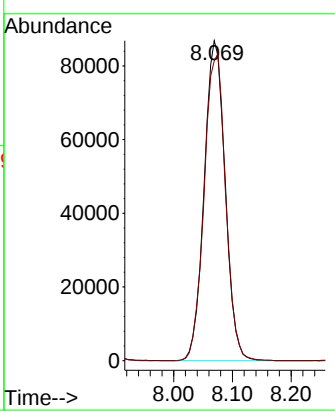
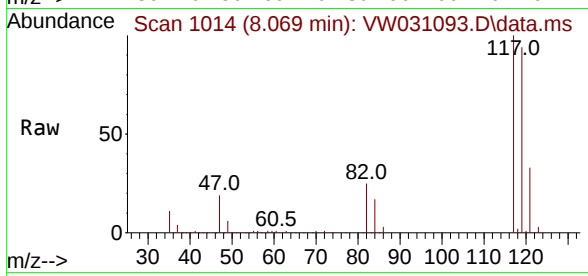


#31
Carbon tetrachloride
Concen: 25.163 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Instrument :
MSVOA_W
ClientSampleId :

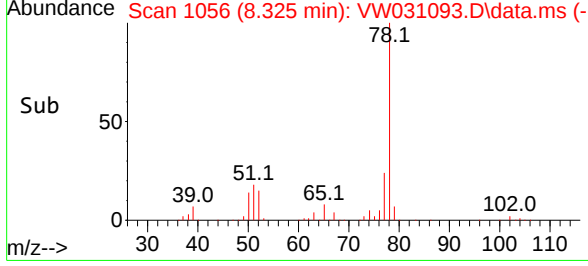
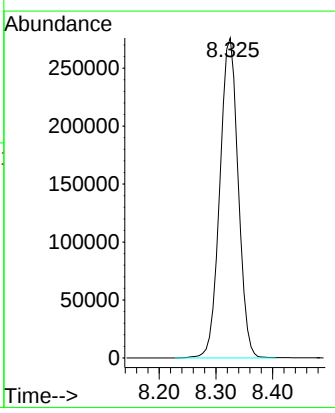
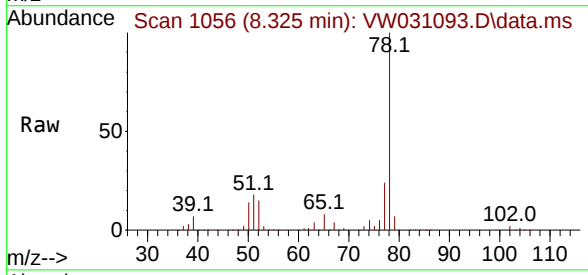
Tgt Ion: 117 Resp: 215535

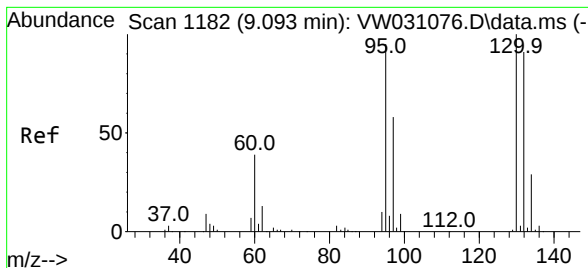
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.8	113.8



#33
Benzene
Concen: 24.939 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion: 78 Resp: 619910





#34

Trichloroethene

Concen: 24.382 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 164180

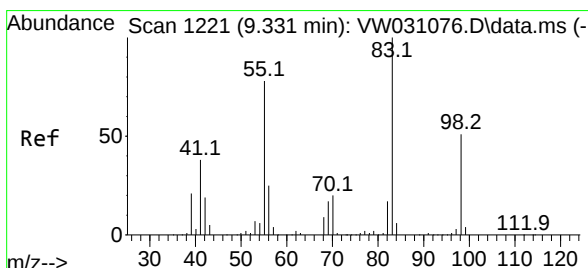
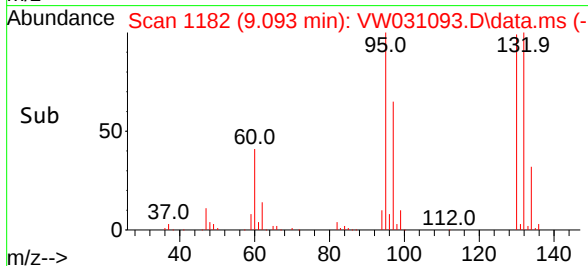
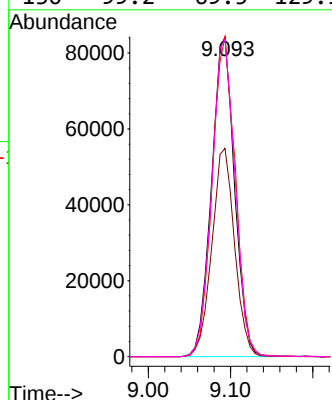
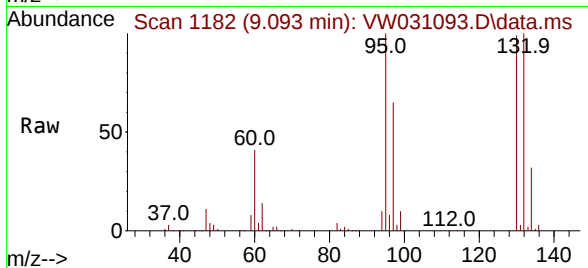
Ion Ratio Lower Upper

95 100

97 65.2 48.0 89.2

132 100.1 67.4 125.2

130 99.2 69.5 129.1



#35

Methylcyclohexane

Concen: 26.267 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

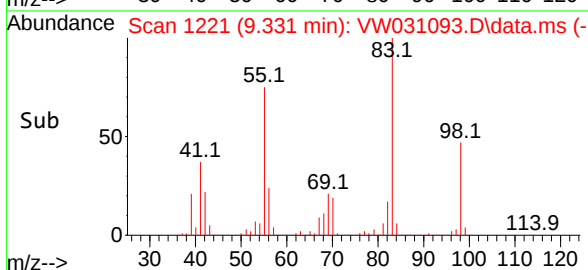
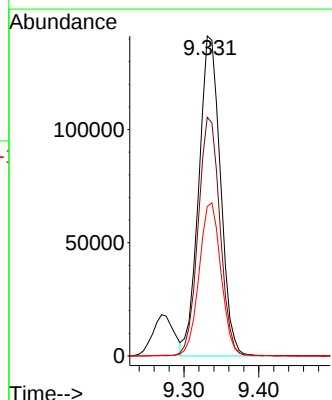
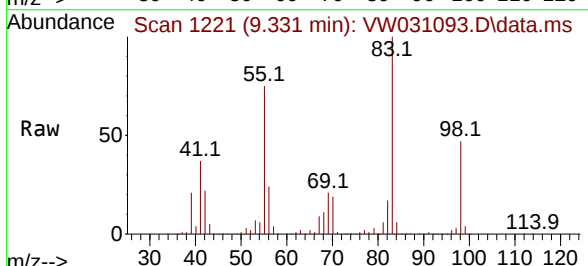
Tgt Ion: 83 Resp: 284227

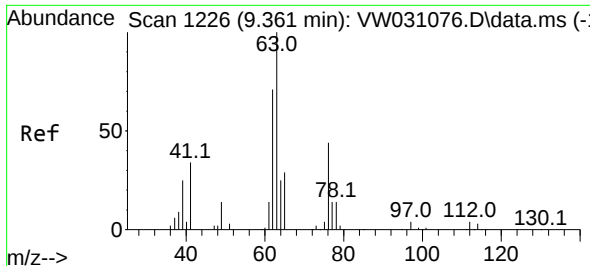
Ion Ratio Lower Upper

83 100

55 74.8 59.5 89.3

98 48.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 24.977 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

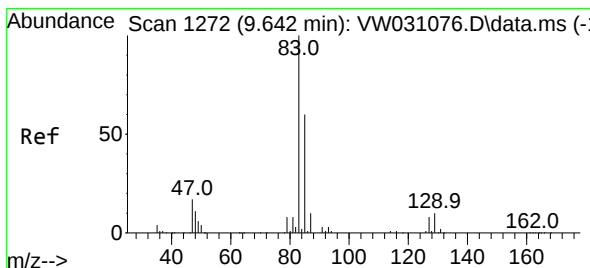
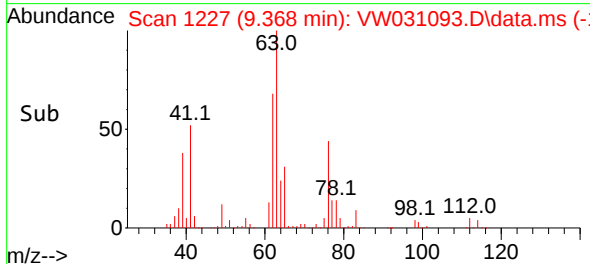
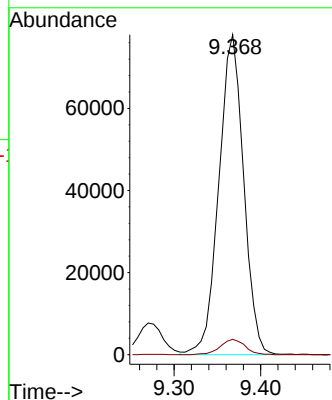
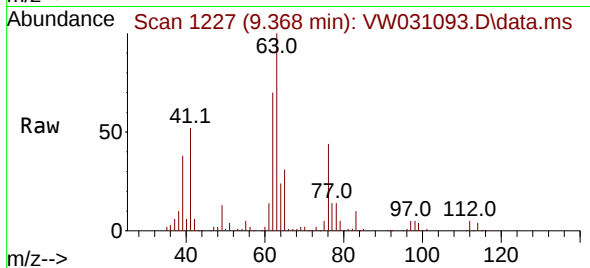
ClientSampleId :

Tgt Ion: 63 Resp: 154798

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 25.308 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

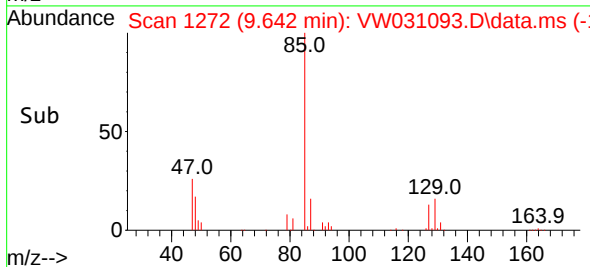
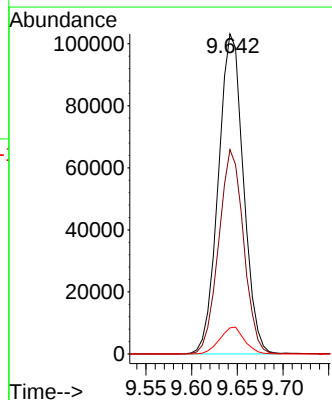
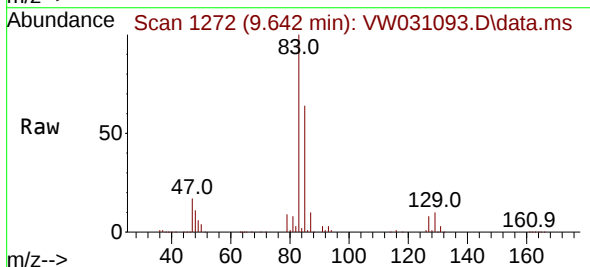
Tgt Ion: 83 Resp: 197409

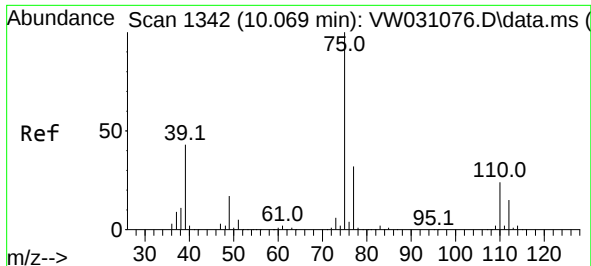
Ion Ratio Lower Upper

83 100

85 63.8 48.7 90.5

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 24.798 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

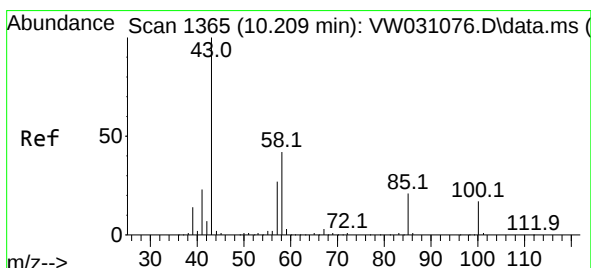
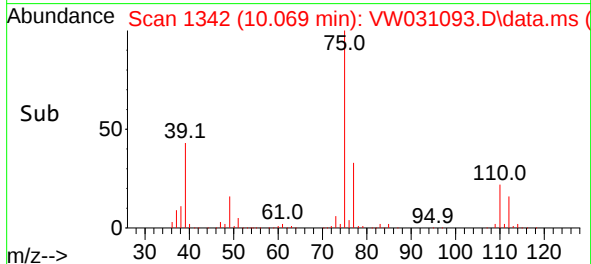
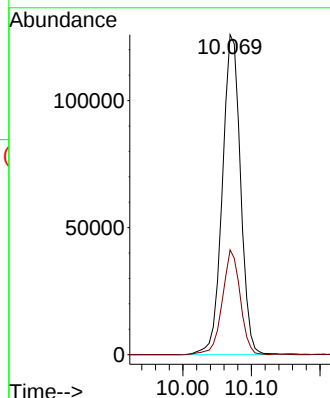
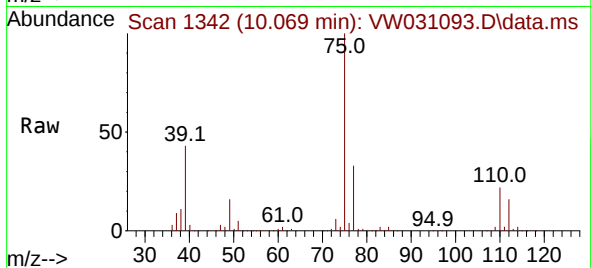
ClientSampleId :

Tgt Ion: 75 Resp: 231626

Ion Ratio Lower Upper

75 100

77 32.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 56.287 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

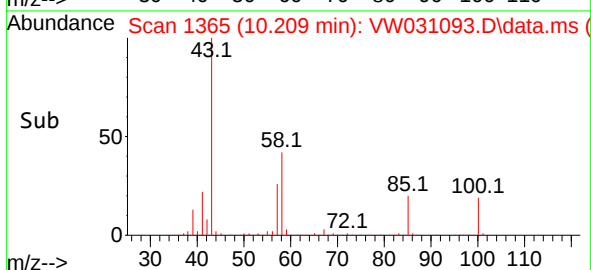
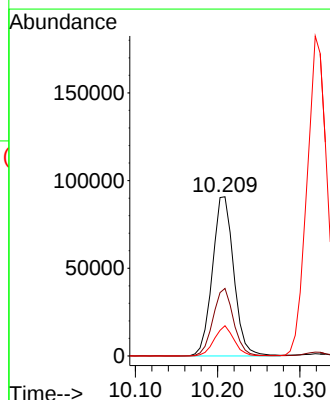
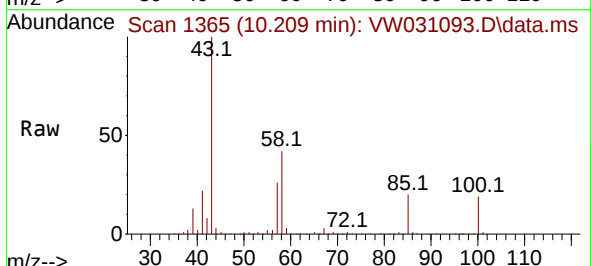
Tgt Ion: 43 Resp: 164140

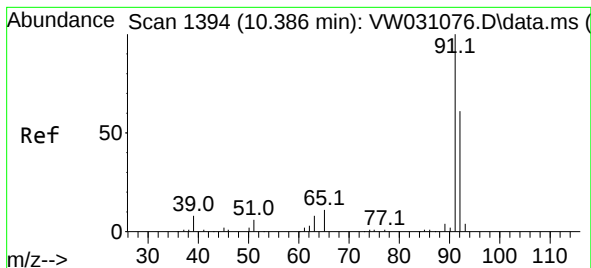
Ion Ratio Lower Upper

43 100

58 41.0 33.7 50.5

100 17.6 14.2 21.2





#42

Toluene

Concen: 25.212 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

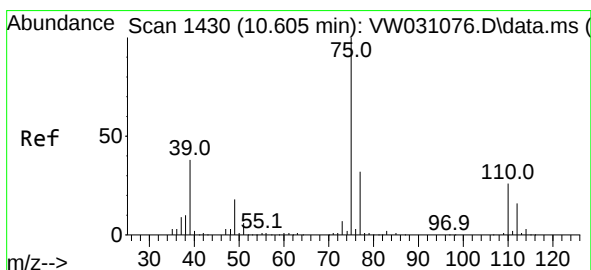
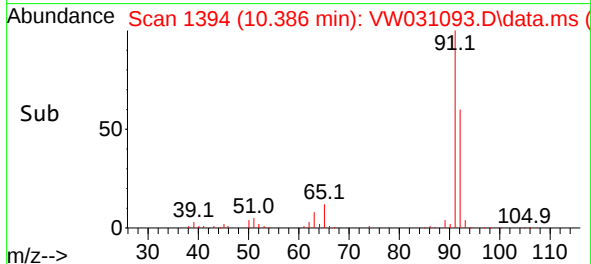
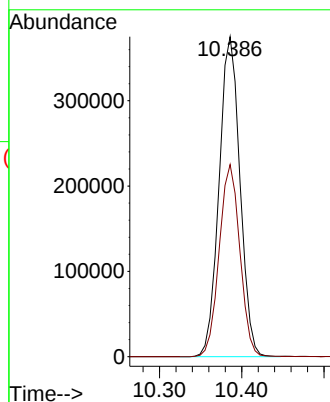
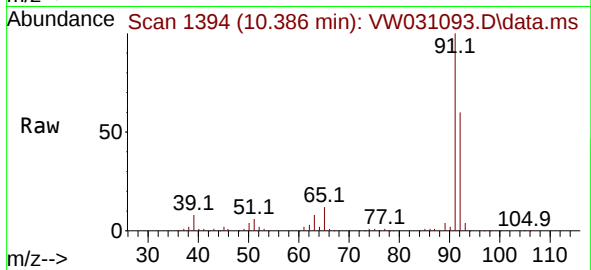
ClientSampleId :

Tgt Ion: 91 Resp: 661838

Ion Ratio Lower Upper

91 100

92 60.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.761 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031093.D

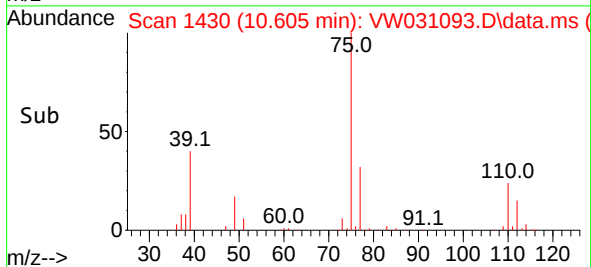
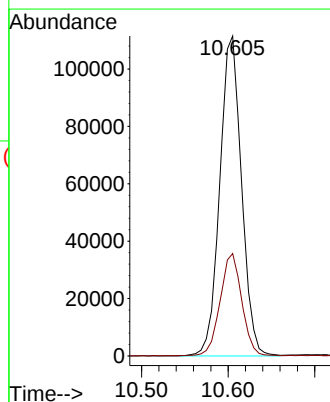
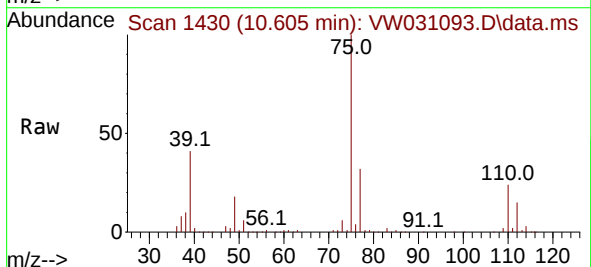
Acq: 22 Nov 2024 09:22

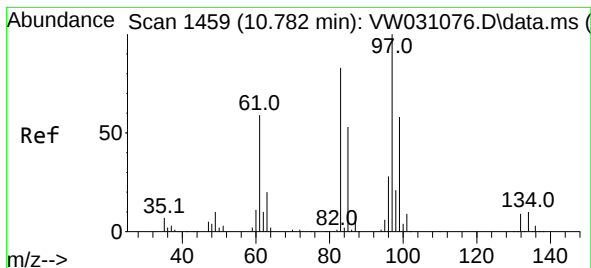
Tgt Ion: 75 Resp: 194309

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 25.968 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 117061

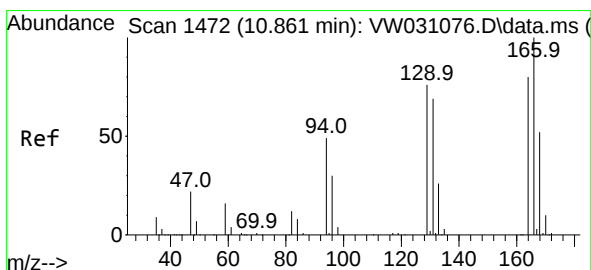
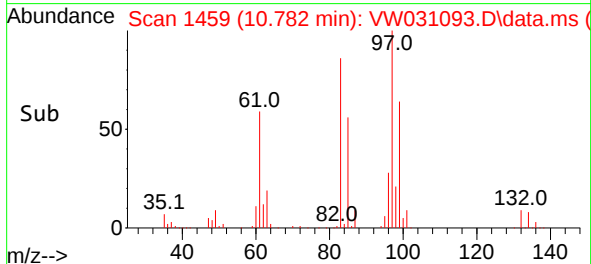
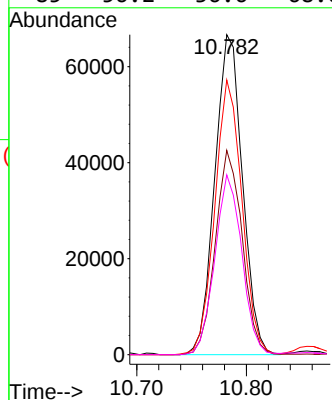
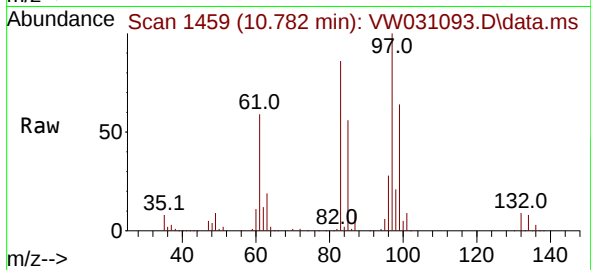
Ion Ratio Lower Upper

97 100

99 63.8 42.4 78.8

83 85.8 57.8 107.4

85 56.2 36.6 68.0



#46

Tetrachloroethene

Concen: 24.066 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Tgt Ion:164 Resp: 129586

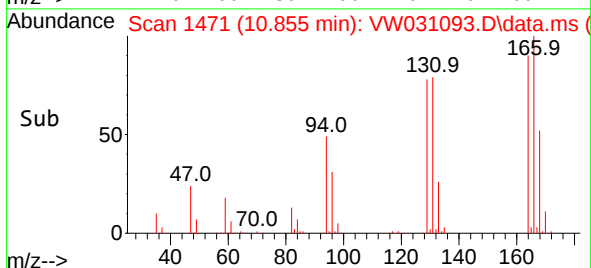
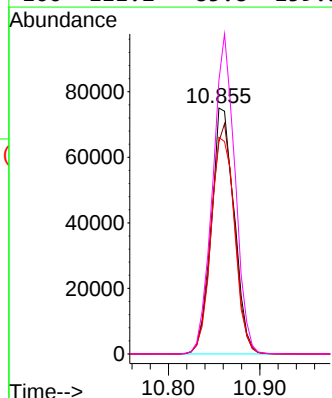
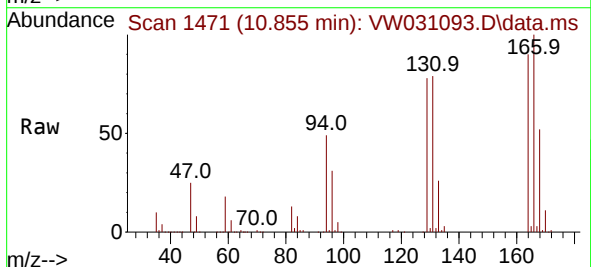
Ion Ratio Lower Upper

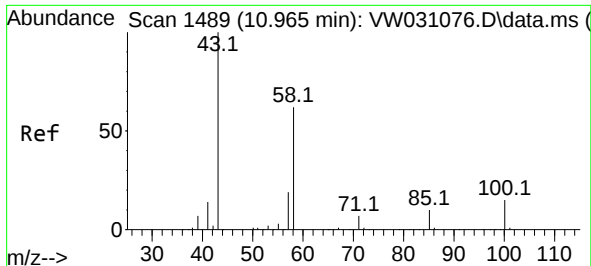
164 100

129 86.3 61.9 114.9

131 88.1 67.9 126.1

166 111.2 85.8 159.3

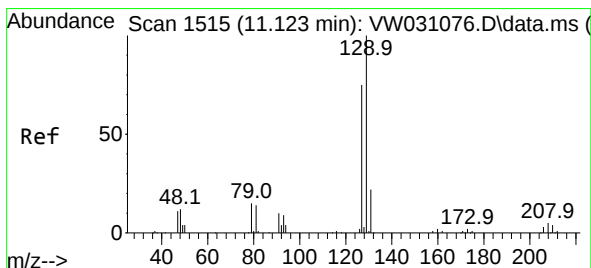
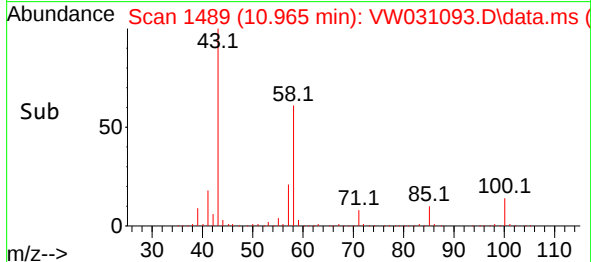
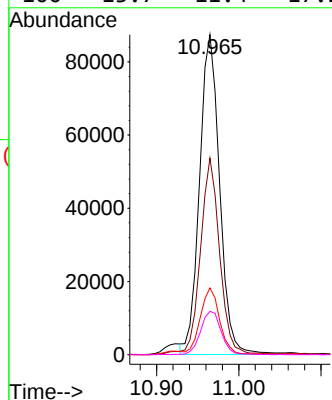
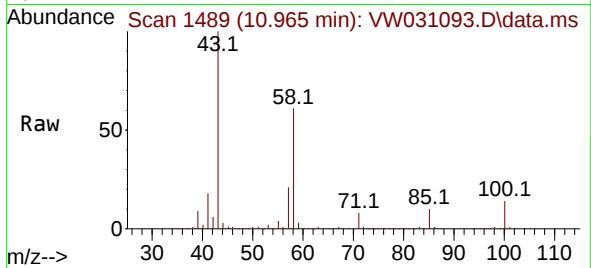




#48
2-Hexanone
Concen: 64.348 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

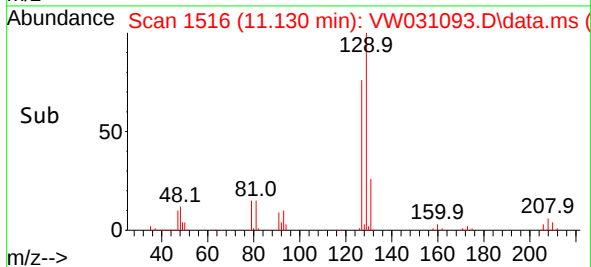
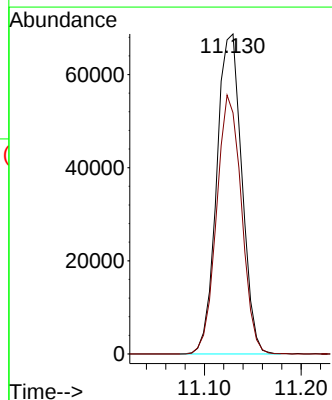
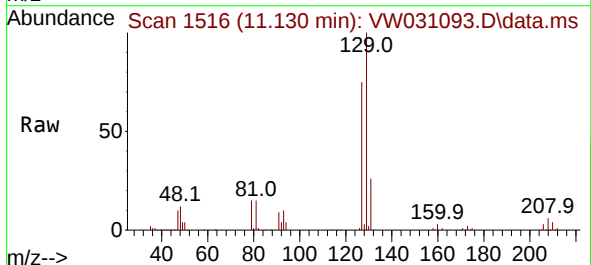
Instrument :
MSVOA_W
ClientSampleId :

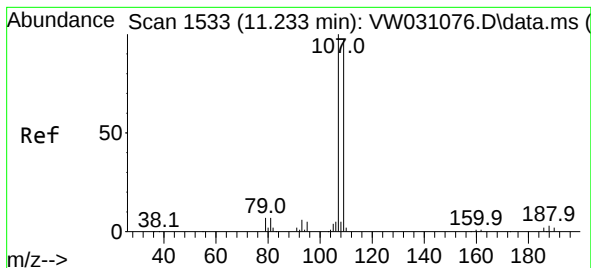
Tgt Ion: 43	Resp: 148361
Ion Ratio	Lower Upper
43 100	
58 58.7	49.8 74.6
57 20.1	16.6 24.8
100 13.7	11.4 17.2



#49
Dibromochloromethane
Concen: 24.768 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion:129	Resp: 124172		
Ion Ratio	Lower	Upper	
129 100			
127 75.3	51.4	95.4	





#50

1,2-Dibromoethane

Concen: 25.339 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

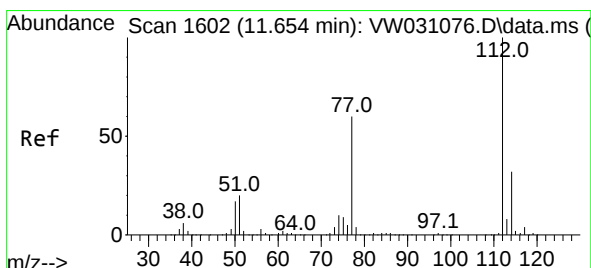
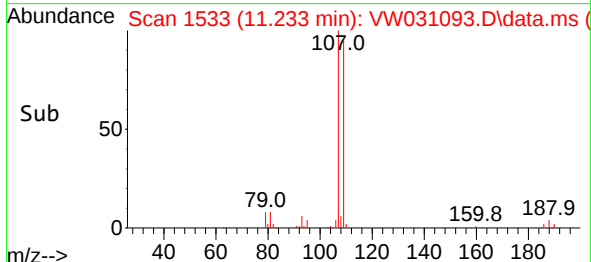
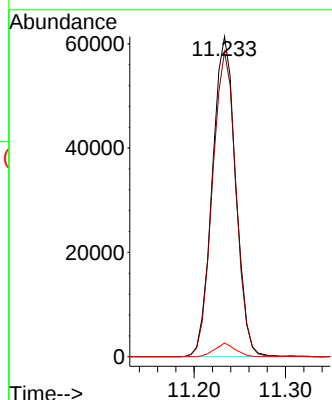
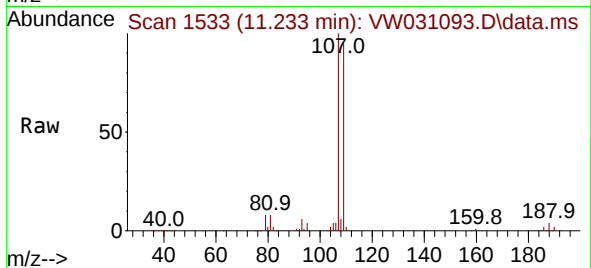
Tgt Ion:107 Resp: 108702

Ion Ratio Lower Upper

107 100

109 95.3 71.0 131.9

188 4.3 3.0 4.4



#51

Chlorobenzene

Concen: 24.142 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

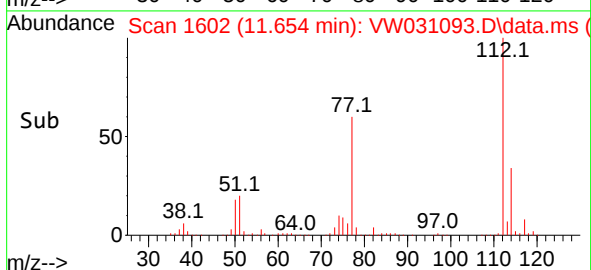
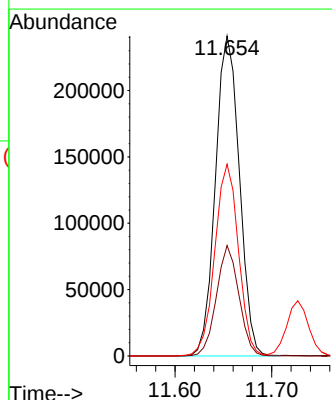
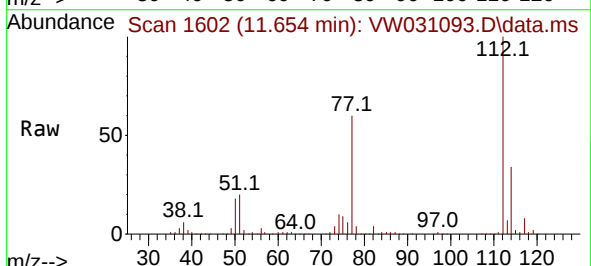
Tgt Ion:112 Resp: 414464

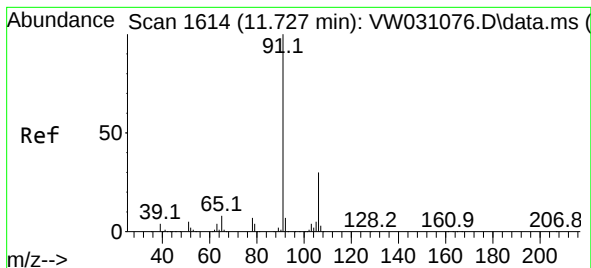
Ion Ratio Lower Upper

112 100

114 34.5 21.2 39.4

77 59.9 45.4 68.0

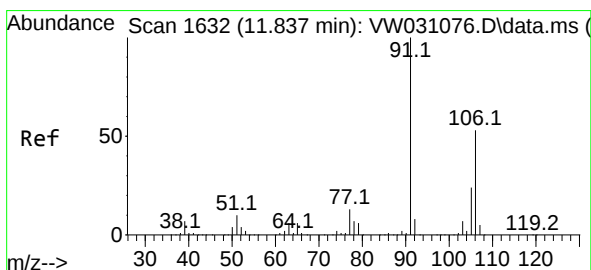
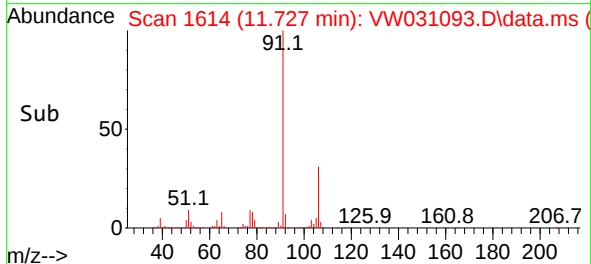
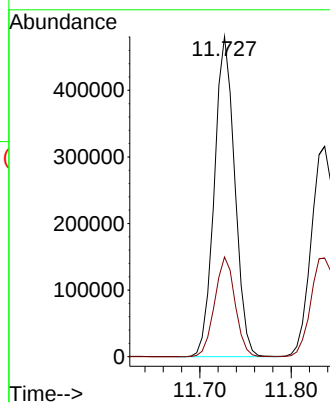
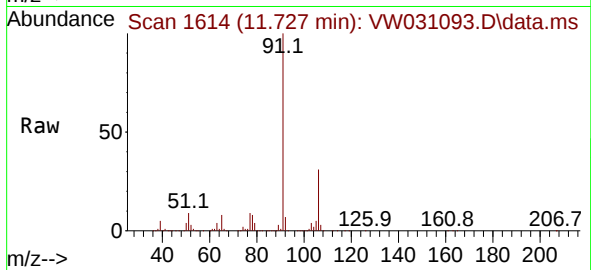




#52
Ethylbenzene
Concen: 25.367 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

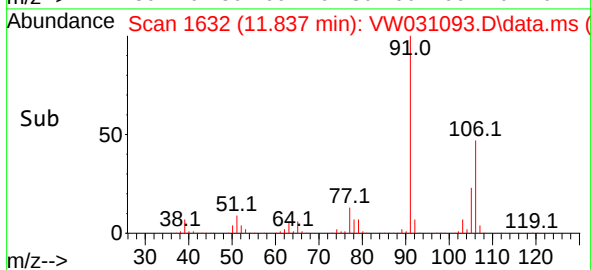
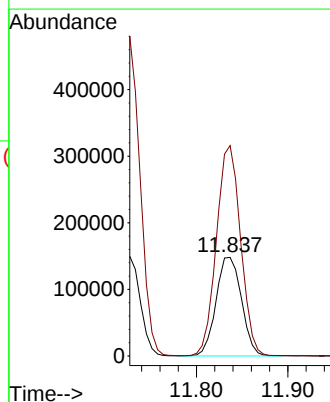
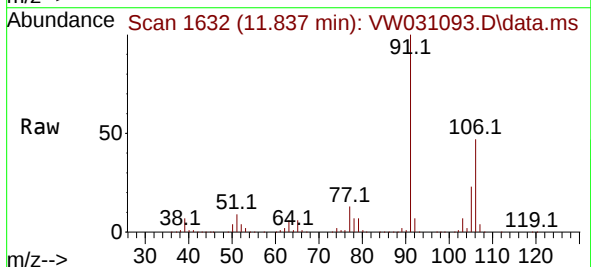
Instrument :
MSVOA_W
ClientSampleId :

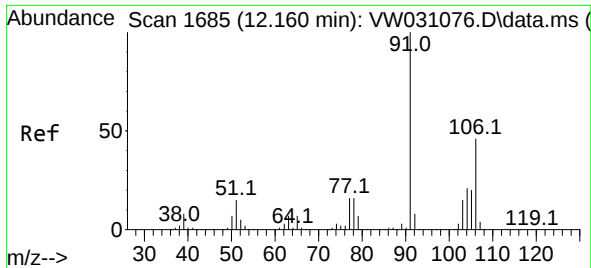
Tgt Ion: 91 Resp: 746624
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#53
m,p-Xylene
Concen: 25.488 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion: 106 Resp: 286320
Ion Ratio Lower Upper
106 100
91 213.5 140.9 261.7

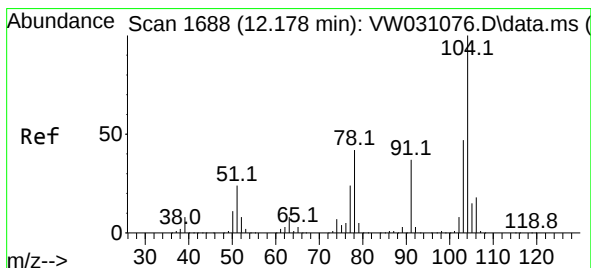
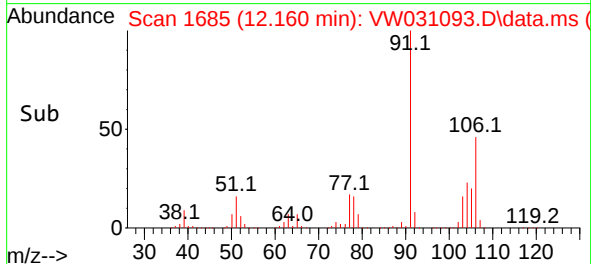
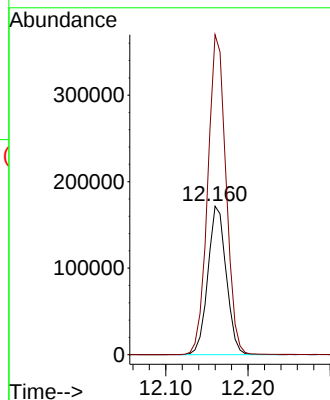
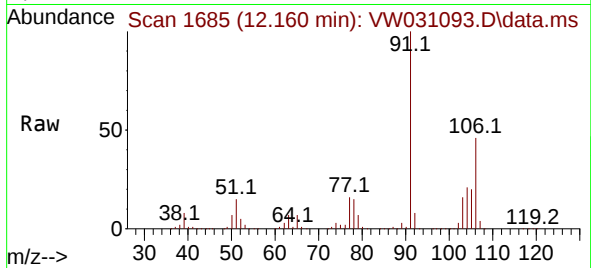




#54
o-Xylene
Concen: 25.192 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

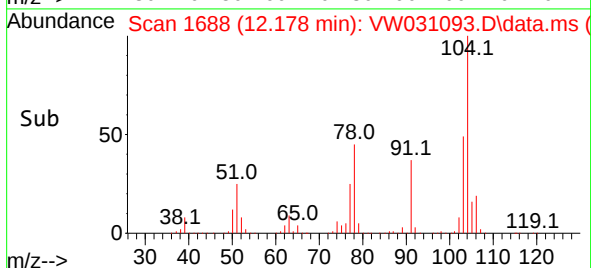
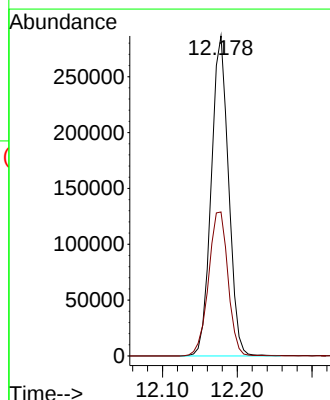
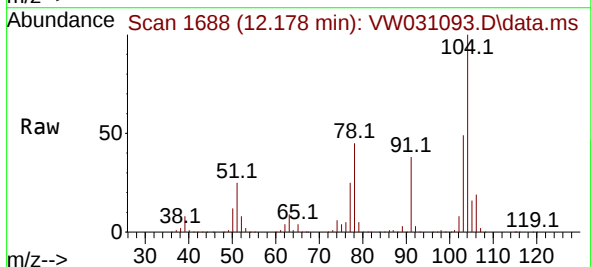
Instrument :
MSVOA_W
ClientSampleId :

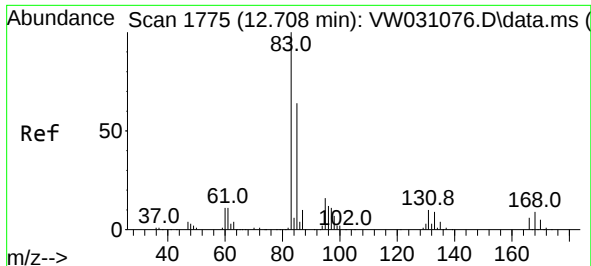
Tgt Ion:106 Resp: 265966
Ion Ratio Lower Upper
106 100
91 215.4 152.7 283.5



#55
Styrene
Concen: 25.663 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion:104 Resp: 461087
Ion Ratio Lower Upper
104 100
78 45.0 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.667 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

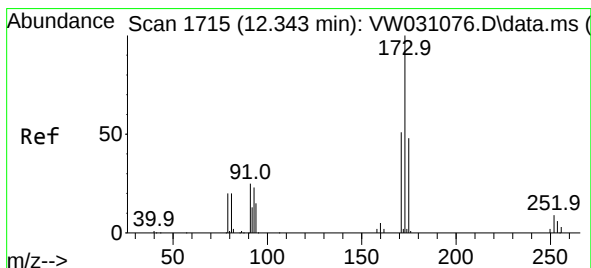
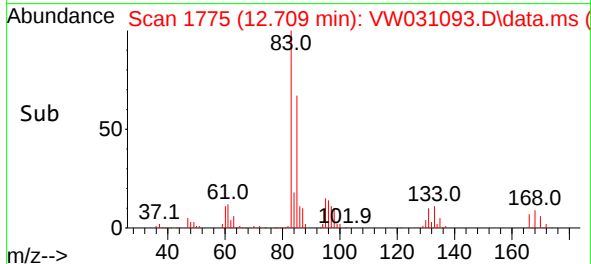
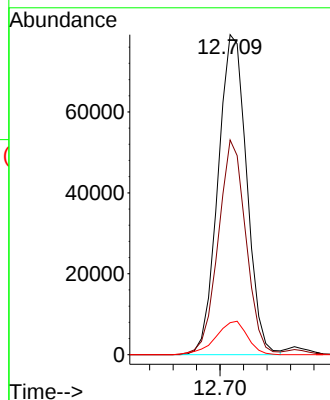
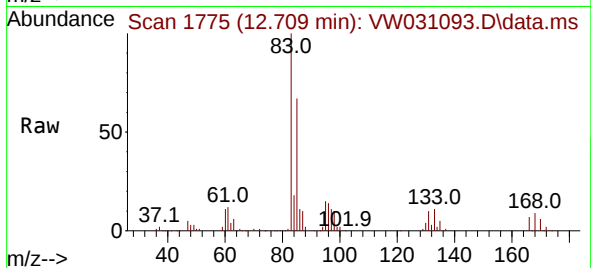
Tgt Ion: 83 Resp: 134086

Ion Ratio Lower Upper

83 100

85 67.1 48.3 89.7

131 10.0 8.9 13.3



#59

Bromoform

Concen: 24.886 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

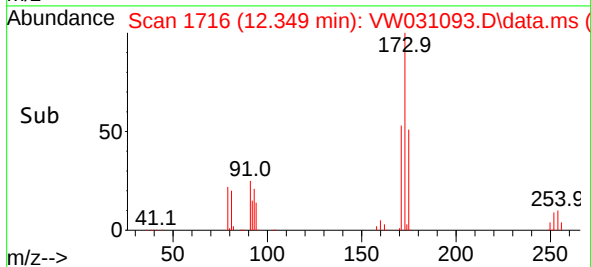
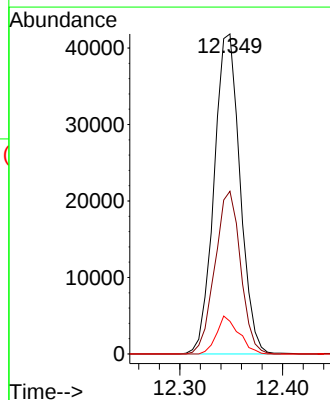
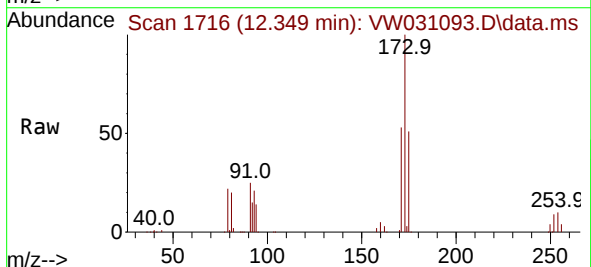
Tgt Ion:173 Resp: 73362

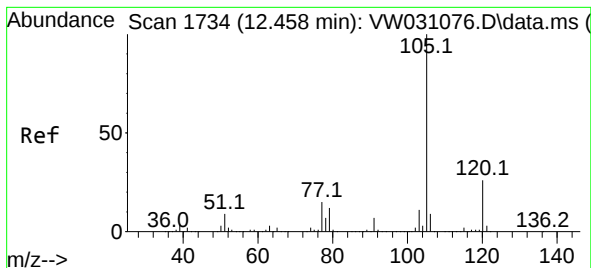
Ion Ratio Lower Upper

173 100

175 50.1 36.6 54.8

254 10.2 7.7 11.5





#60

Isopropylbenzene

Concen: 25.885 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

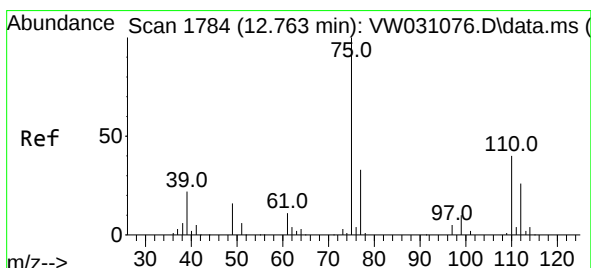
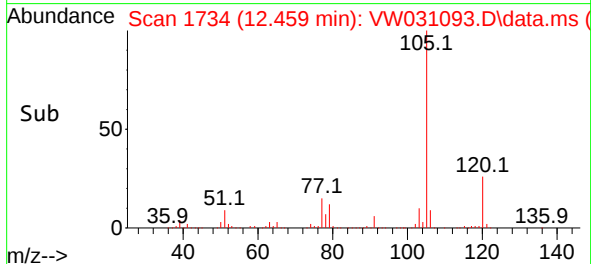
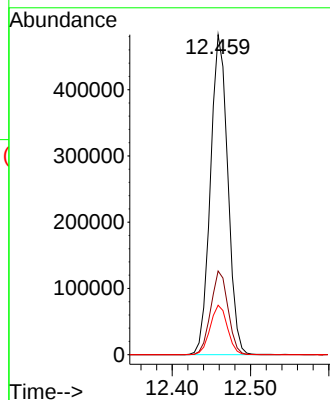
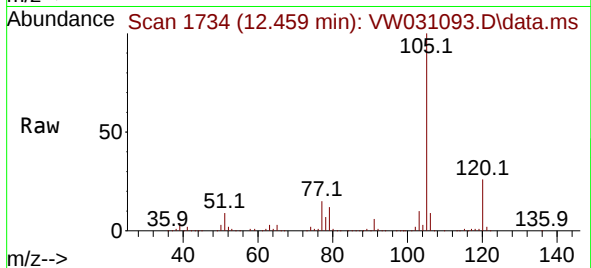
Tgt Ion:105 Resp: 742845

Ion Ratio Lower Upper

105 100

120 26.0 21.5 32.3

77 15.4 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 26.333 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

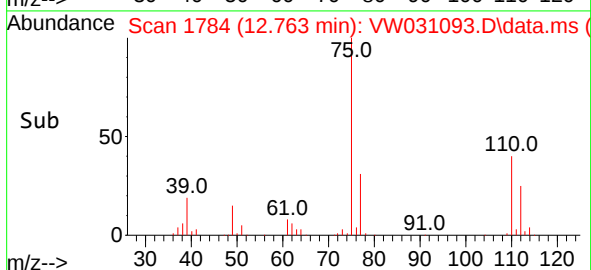
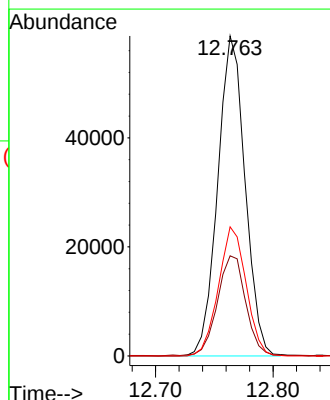
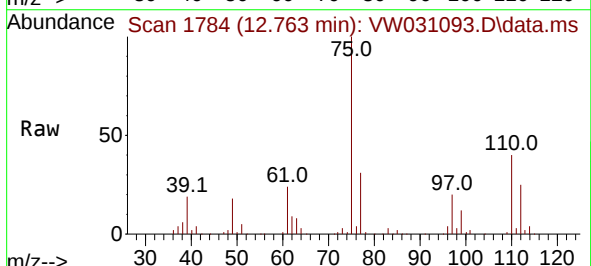
Tgt Ion: 75 Resp: 94951

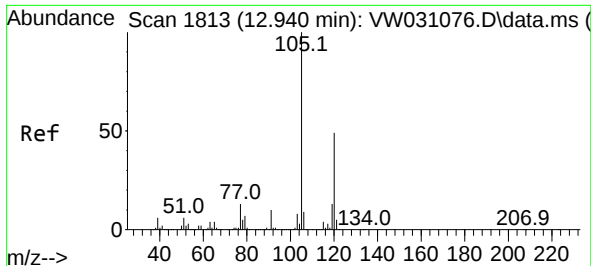
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

110 40.8 33.1 49.7

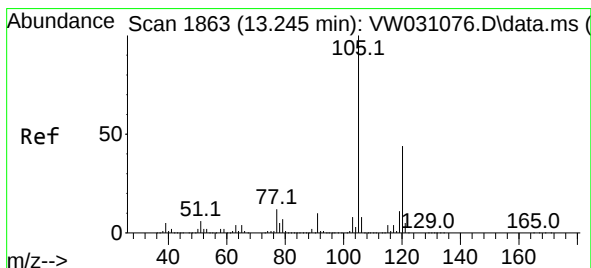
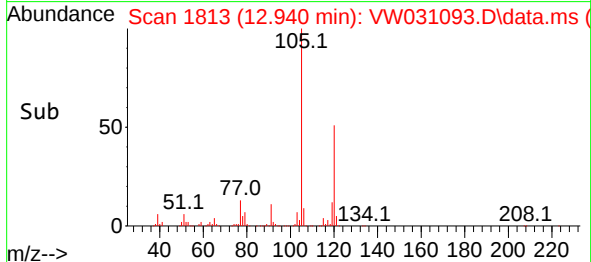
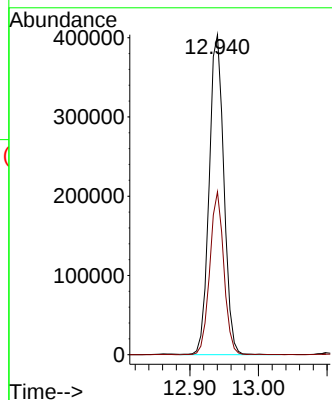
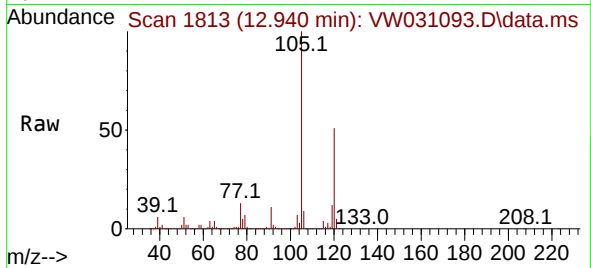




#62
 1,3,5-Trimethylbenzene
 Concen: 26.672 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031093.D
 Acq: 22 Nov 2024 09:22

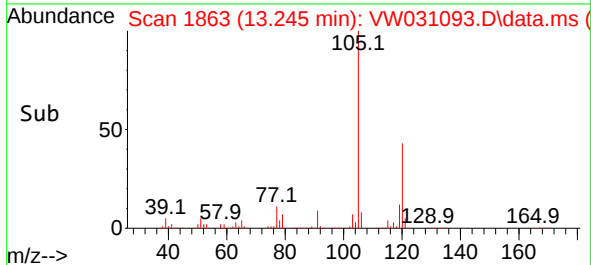
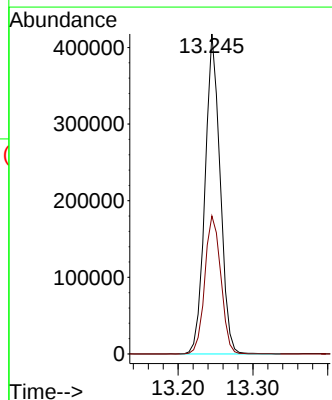
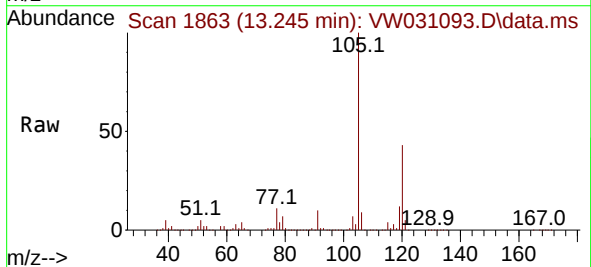
Instrument :
 MSVOA_W
 ClientSampleId :

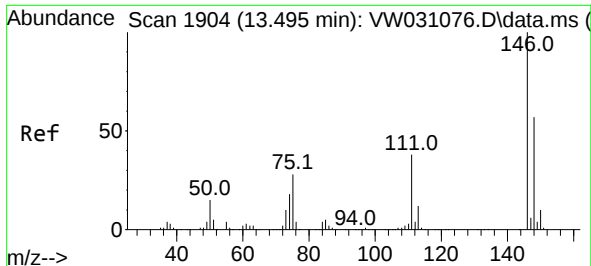
Tgt Ion:105 Resp: 603801
 Ion Ratio Lower Upper
 105 100
 120 48.6 40.5 60.7



#63
 1,2,4-Trimethylbenzene
 Concen: 26.211 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031093.D
 Acq: 22 Nov 2024 09:22

Tgt Ion:105 Resp: 585276
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.4 53.0

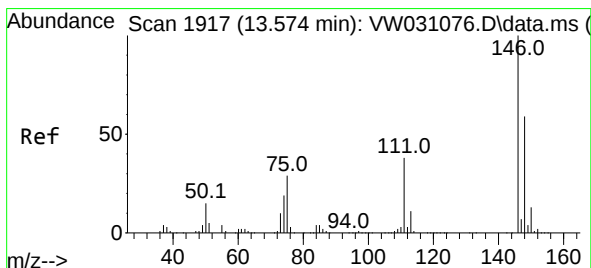
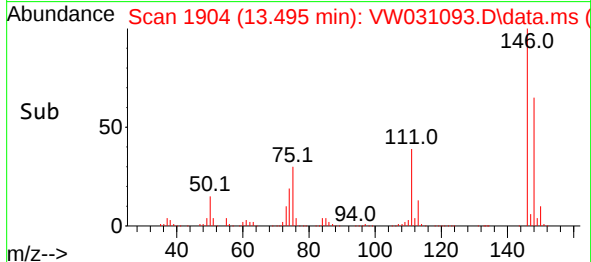
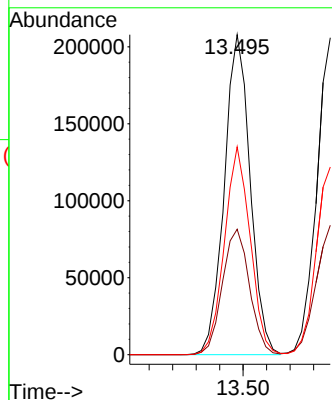
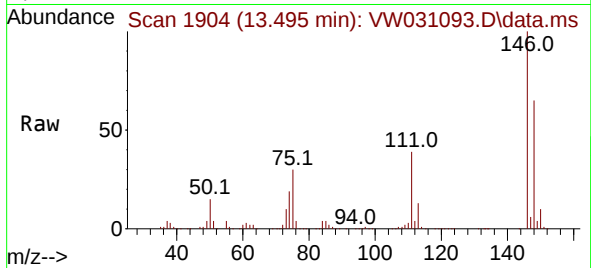




#64
1,3-Dichlorobenzene
Concen: 24.337 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

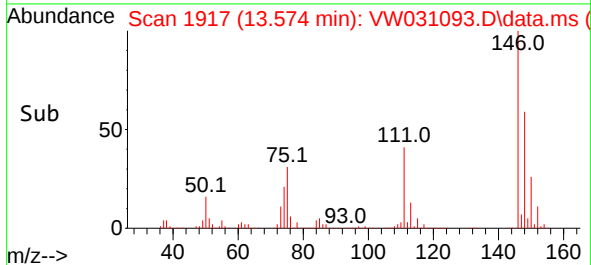
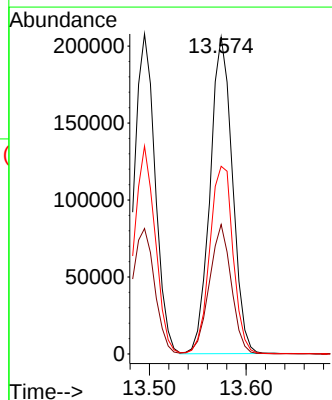
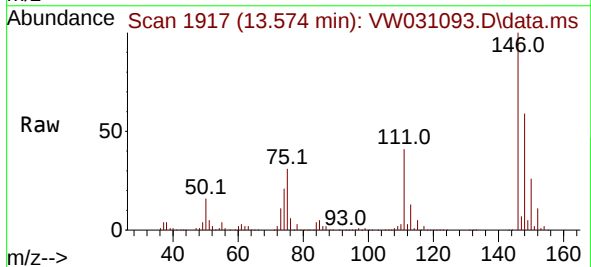
Instrument :
MSVOA_W
ClientSampleId :

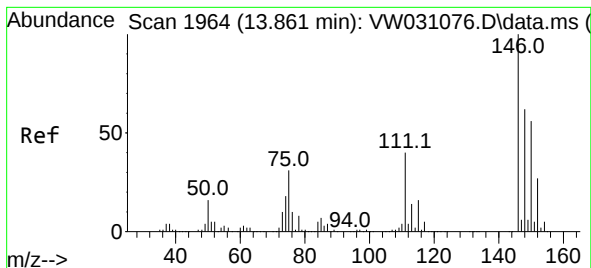
Tgt Ion:146 Resp: 318539
Ion Ratio Lower Upper
146 100
111 39.2 28.5 52.9
148 64.9 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 24.230 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion:146 Resp: 329984
Ion Ratio Lower Upper
146 100
111 40.8 26.6 49.4
148 59.2 42.1 78.1

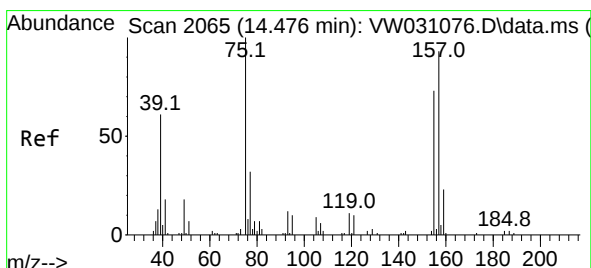
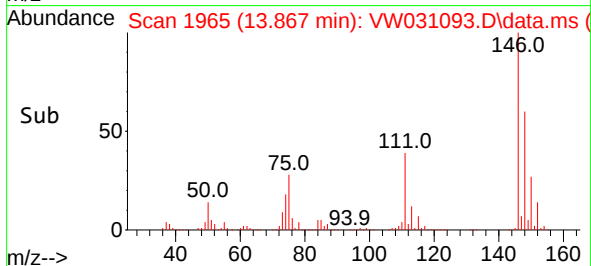
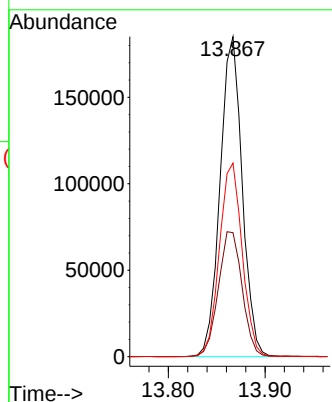
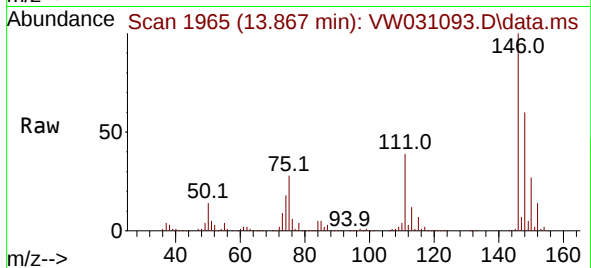




#67
1,2-Dichlorobenzene
Concen: 25.017 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

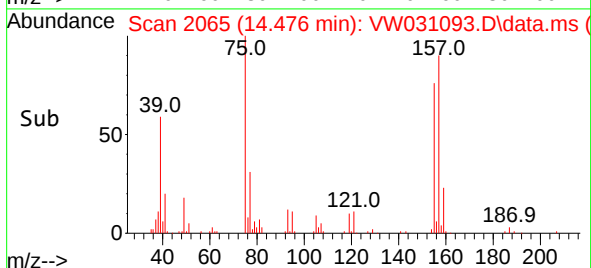
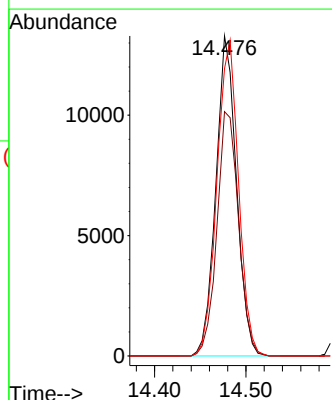
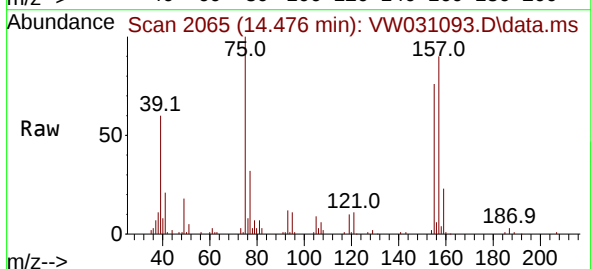
Instrument :
MSVOA_W
ClientSampleId :

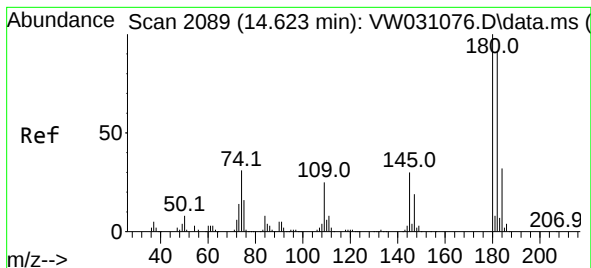
Tgt Ion:146 Resp: 293513
Ion Ratio Lower Upper
146 100
111 38.8 30.9 46.3
148 60.5 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.430 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion: 75 Resp: 20830
Ion Ratio Lower Upper
75 100
155 76.3 63.1 94.7
157 89.8 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 25.392 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

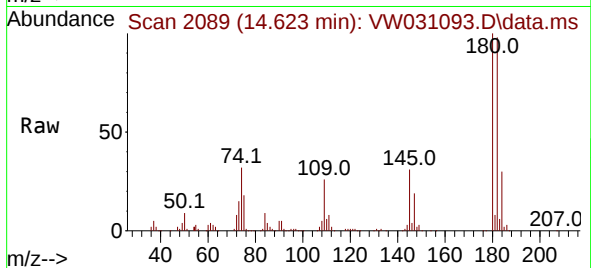
Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 227183

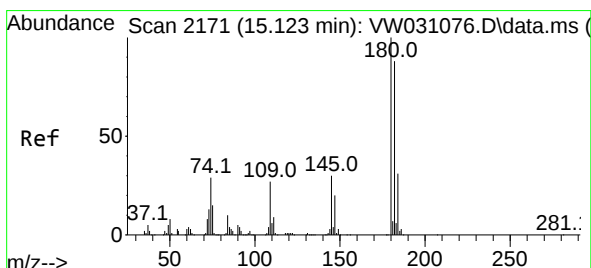
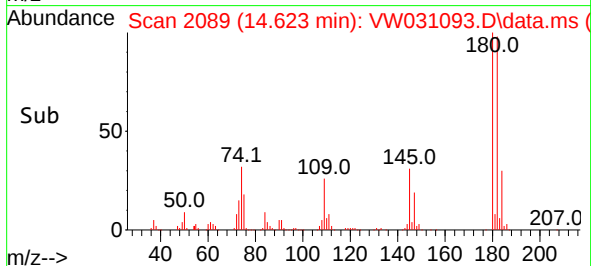
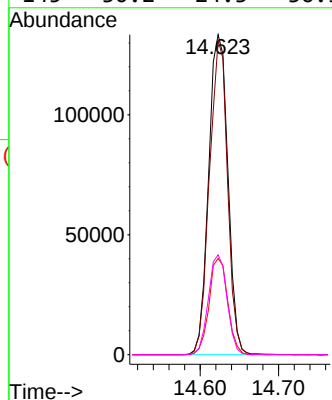
Ion Ratio Lower Upper

180 100

182 92.3 78.2 117.2

184 29.2 24.0 36.0

145 30.2 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 26.068 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031093.D

Acq: 22 Nov 2024 09:22

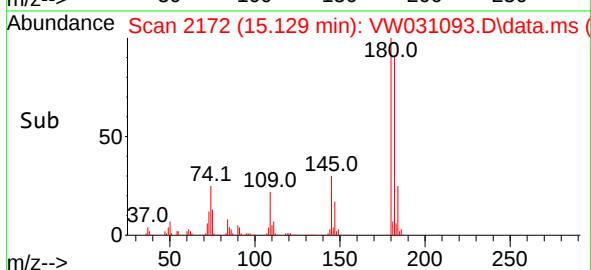
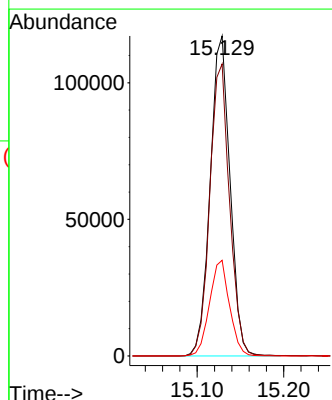
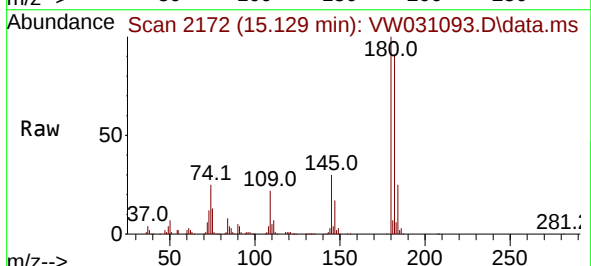
Tgt Ion:180 Resp: 186524

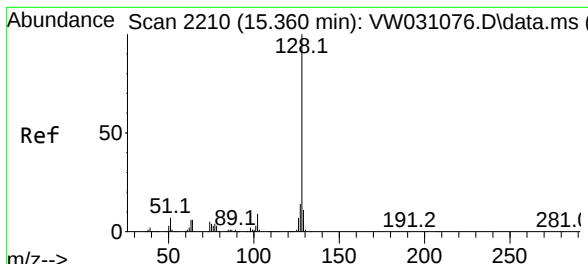
Ion Ratio Lower Upper

180 100

182 91.1 76.1 114.1

145 30.1 25.7 38.5



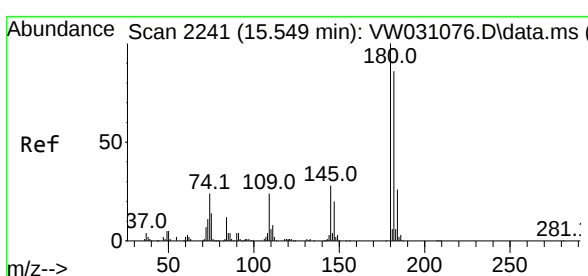
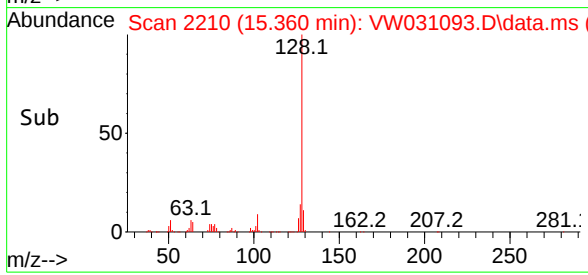
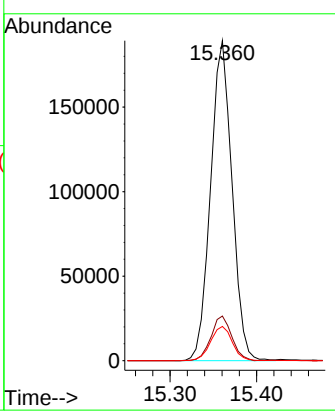
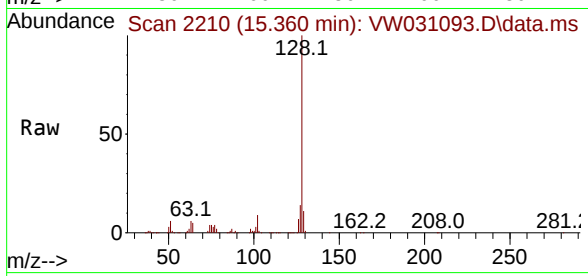


#71
Naphthalene
Concen: 26.915 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 325593

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.8	8.3	12.5



#72
1,2,3-Trichlorobenzene
Concen: 25.691 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031093.D
Acq: 22 Nov 2024 09:22

Tgt Ion:180 Resp: 163612

Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.7	118.1
145	32.8	26.3	39.5

