

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080624\
 Data File : VW029835.D
 Acq On : 06 Aug 2024 11:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 07 02:21:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 02 01:45:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	213211	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.630	117	208185	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	104546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	45605	15.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.280%
7) Chloroethane-d5	3.052	69	169	0.078	ug/L	0.16
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.320%#
11) 1,1-Dichloroethene-d2	4.021	65	23988	17.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.440%
21) 2-Butanone-d5	7.075	46	42668	51.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.860%
24) Chloroform-d	7.649	84	140363	25.431	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.720%
26) 1,2-Dichloroethane-d4	8.307	65	80220	25.518	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.080%
32) Benzene-d6	8.270	84	247826	22.032	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.120%
36) 1,2-Dichloropropane-d6	9.270	67	84842	23.621	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	10.319	98	221514	22.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	10.575	79	32464	22.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.360%
47) 2-Hexanone-d5	10.922	63	28862	48.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69129	25.921	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.680%
66) 1,2-Dichlorobenzene-d4	13.849	152	72586	22.360	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71341	24.823	ug/L	94
3) Chloromethane	2.223	50	92617	26.043	ug/L	98
5) Vinyl chloride	2.375	62	101014	25.350	ug/L	100
6) Bromomethane	2.790	94	57626	26.336	ug/L	99
8) Chloroethane	2.930	64	60969	26.896	ug/L	97
9) Trichlorofluoromethane	3.265	101	80281	25.223	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	85512	26.975	ug/L	99
12) 1,1-Dichloroethene	4.045	96	75846	26.039	ug/L	93
13) Acetone	4.125	43	46729	45.323	ug/L	98
14) Carbon disulfide	4.393	76	246195	25.399	ug/L	98
15) Methyl Acetate	4.667	43	47690	27.771	ug/L	100
16) Methylene chloride	4.911	84	92304	20.709	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	86835	27.665	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	140864	27.230	ug/L	98
19) 1,1-Dichloroethane	6.210	63	187355	28.301	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	94098	27.637	ug/L	93
22) 2-Butanone	7.167	43	66996	50.714	ug/L	99
23) Bromochloromethane	7.514	128	41602	28.782	ug/L	90
25) Chloroform	7.673	83	181838	29.154	ug/L	96

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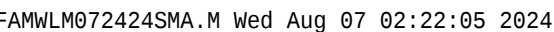
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 ClientSampleId :

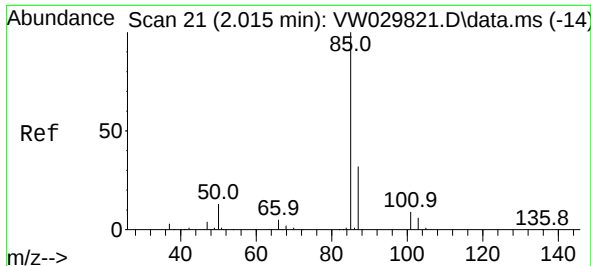
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 02 01:45:39 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	131007	28.822	ug/L	98
29) Cyclohexane	7.959	56	145703	24.628	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	138547	26.280	ug/L	98
31) Carbon tetrachloride	8.063	117	128189	26.984	ug/L	100
33) Benzene	8.319	78	388919	27.265	ug/L	100
34) Trichloroethene	9.087	95	97912	26.184	ug/L	98
35) Methylcyclohexane	9.331	83	156369	25.096	ug/L	96
37) 1,2-Dichloropropane	9.368	63	107994	27.627	ug/L	100
38) Bromodichloromethane	9.642	83	130645	28.066	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	154407	27.123	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	138498	55.781	ug/L	100
42) Toluene	10.386	91	406200	27.898	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	132107	27.954	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	73757	28.087	ug/L	98
46) Tetrachloroethene	10.861	164	69749	25.663	ug/L	94
48) 2-Hexanone	10.965	43	100178	53.871	ug/L	98
49) Dibromochloromethane	11.123	129	78513	28.800	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67640	27.838	ug/L	91
51) Chlorobenzene	11.654	112	250246	27.631	ug/L	99
52) Ethylbenzene	11.727	91	452340	27.541	ug/L	97
53) m,p-Xylene	11.837	106	168937	27.968	ug/L	99
54) o-Xylene	12.160	106	158655	28.523	ug/L	98
55) Styrene	12.178	104	282500	29.300	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	88593	27.486	ug/L	97
59) Bromoform	12.343	173	43375	27.573	ug/L	96
60) Isopropylbenzene	12.459	105	433810	26.815	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66361	26.099	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	360635	29.991	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	362329	28.175	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	187922	27.226	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	189333	26.704	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	164143	26.121	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.477	75	14822	25.673	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	122473	25.934	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	105908	26.620	ug/L	92
71) Naphthalene	15.361	128	206564	27.210	ug/L	99
72) 1,2,3-Trichlorobenzene	15.550	180	94532	26.252	ug/L	99

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

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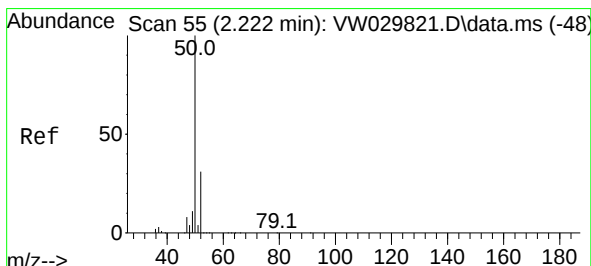
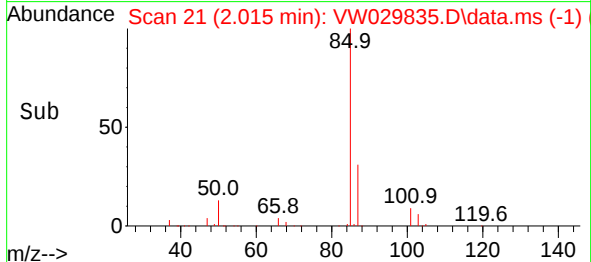
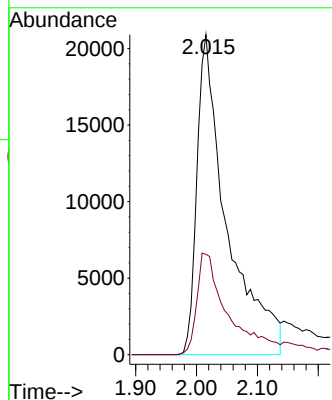
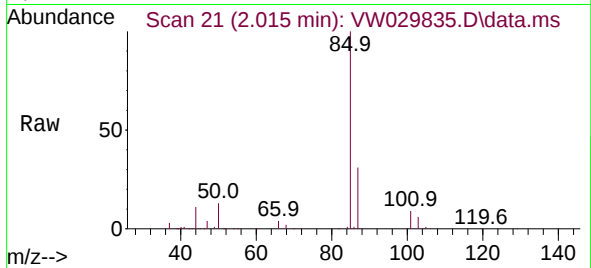




#2
 Dichlorodifluoromethane
 Concen: 24.823 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029835.D
 Acq: 06 Aug 2024 11:23

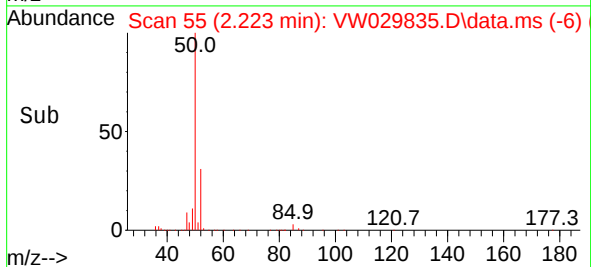
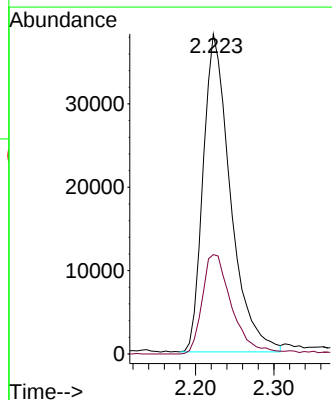
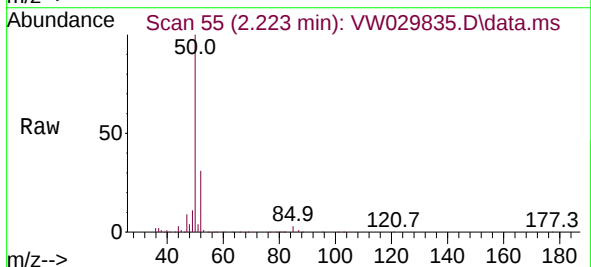
Instrument :
 MSVOA_W
 ClientSampleId :

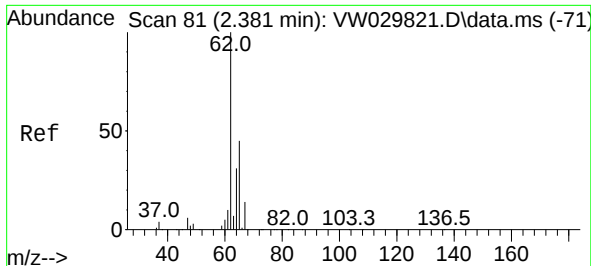
Tgt Ion: 85 Resp: 71341
 Ion Ratio Lower Upper
 85 100
 87 28.8 25.5 38.3



#3
 Chloromethane
 Concen: 26.043 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029835.D
 Acq: 06 Aug 2024 11:23

Tgt Ion: 50 Resp: 92617
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.5 41.9

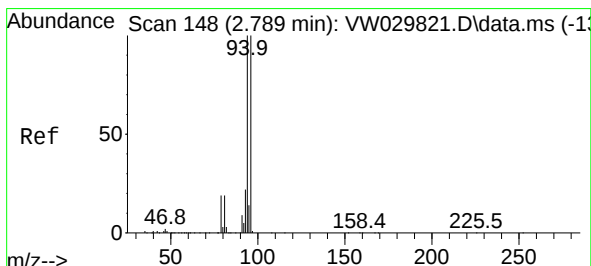
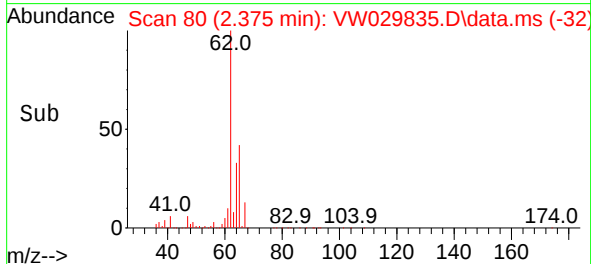
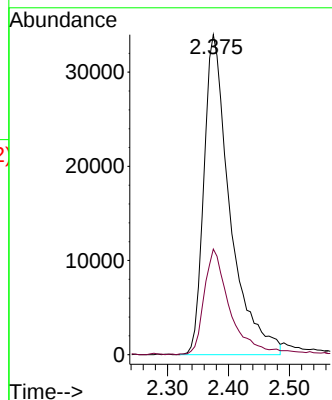
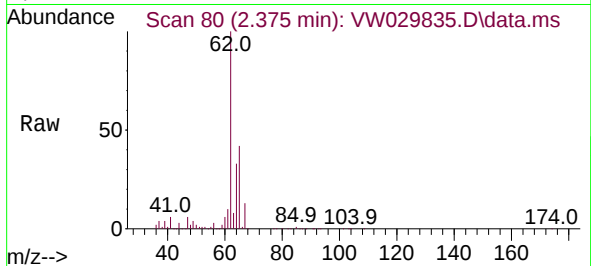




#5
 Vinyl chloride
 Concen: 25.350 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW029835.D
 Acq: 06 Aug 2024 11:23

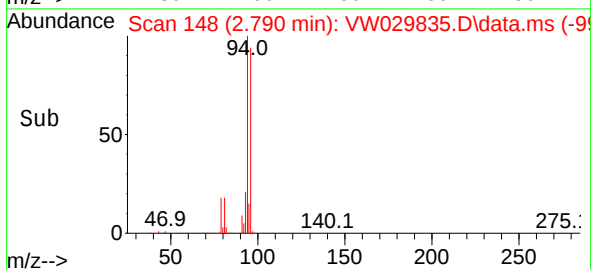
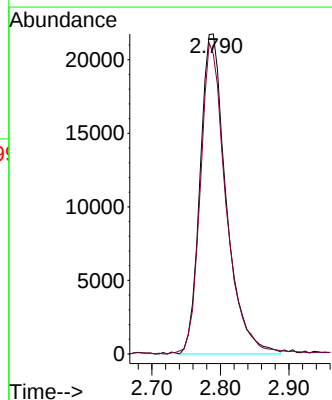
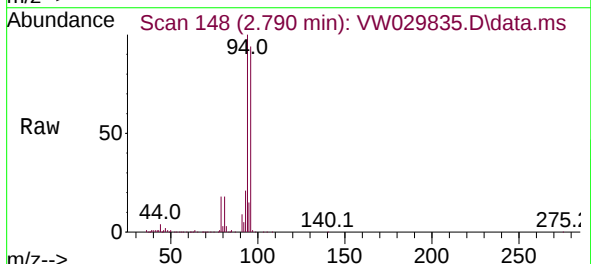
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 ClientSampleId :

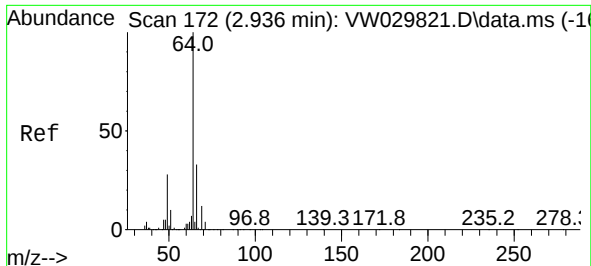
Tgt Ion: 62 Resp: 101014
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 26.336 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029835.D
 Acq: 06 Aug 2024 11:23

Tgt Ion: 94 Resp: 57626
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.2 123.0

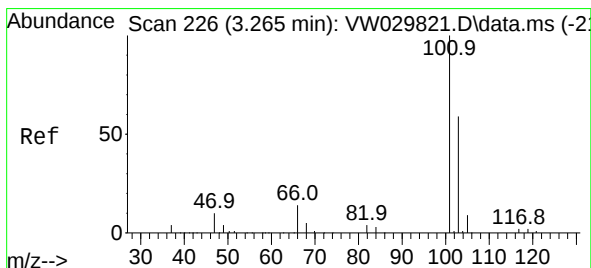
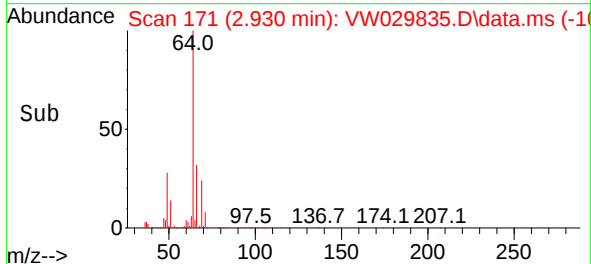
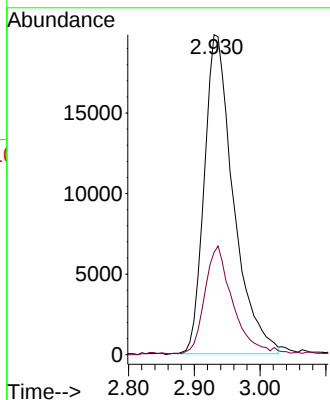
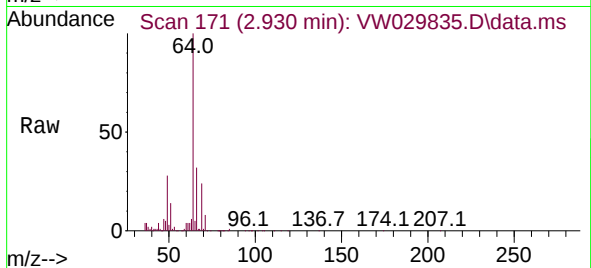




#8
Chloroethane
Concen: 26.896 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

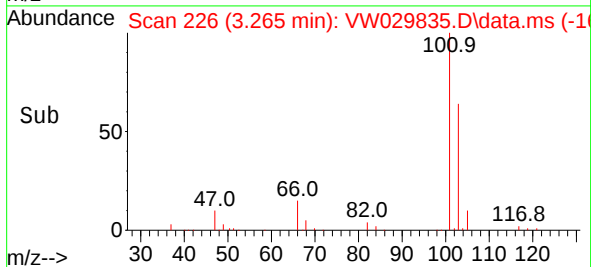
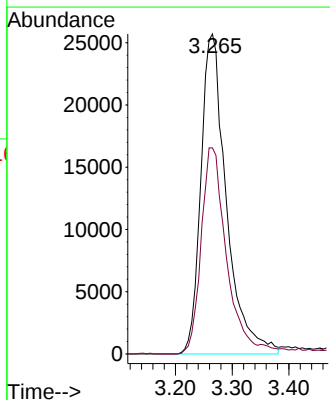
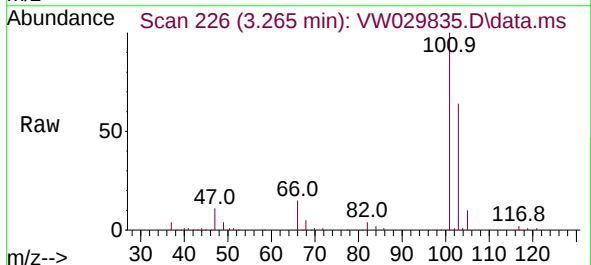
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MSVOA_W
ClientSampleId :

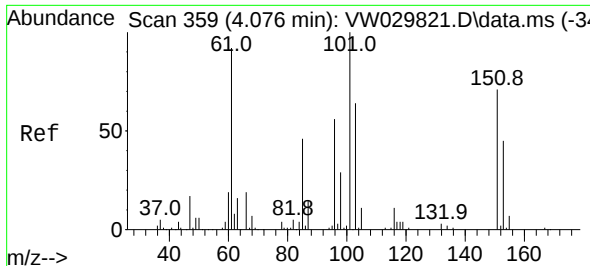
Tgt Ion: 64 Resp: 60969
Ion Ratio Lower Upper
64 100
66 32.0 21.2 39.4



#9
Trichlorofluoromethane
Concen: 25.223 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion: 101 Resp: 80281
Ion Ratio Lower Upper
101 100
103 62.8 51.0 76.4





#10

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

Concen: 26.975 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :

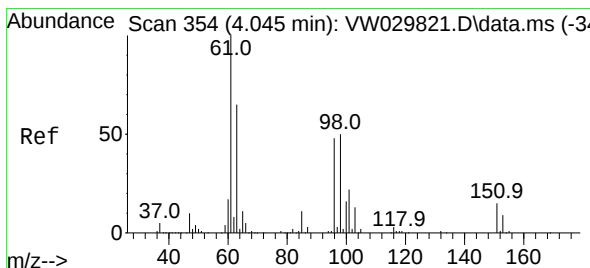
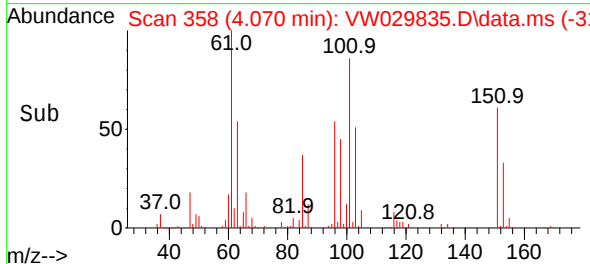
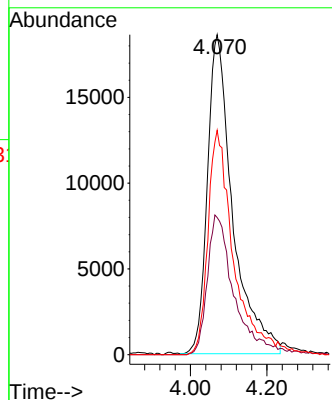
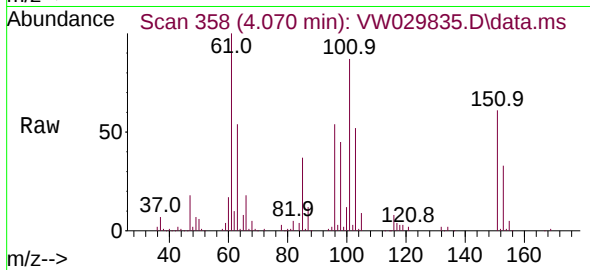
Tgt Ion:101 Resp: 85512

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

151 67.2 54.2 81.2



#12

1,1-Dichloroethene

Concen: 26.039 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

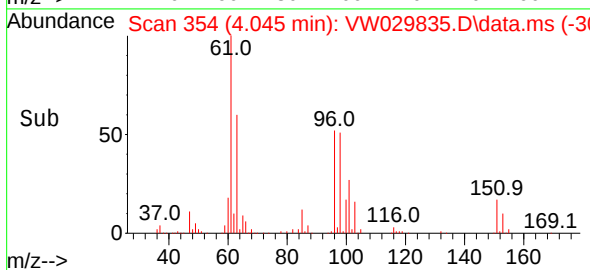
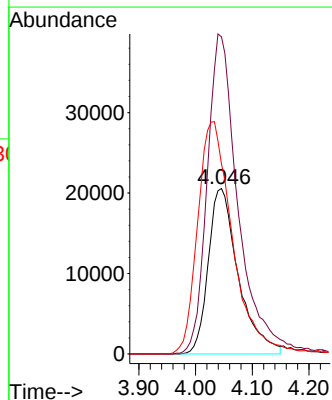
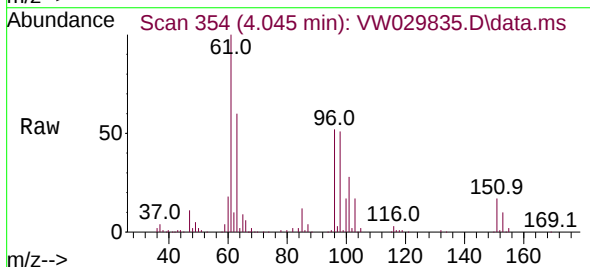
Tgt Ion: 96 Resp: 75846

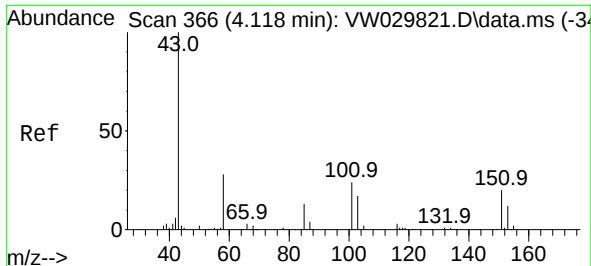
Ion Ratio Lower Upper

96 100

61 191.7 138.3 256.9

63 114.9 89.0 165.4

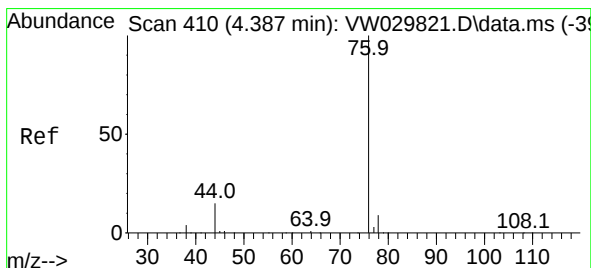
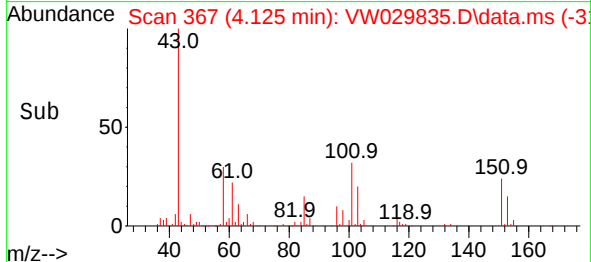
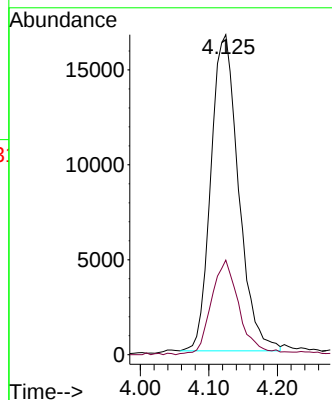
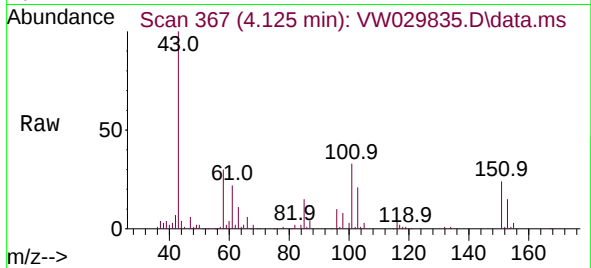




#13
Acetone
Concen: 45.323 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

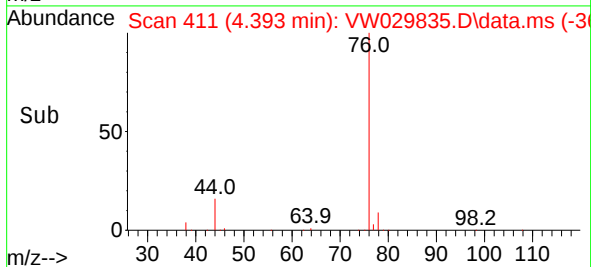
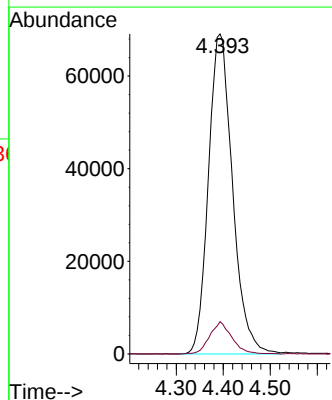
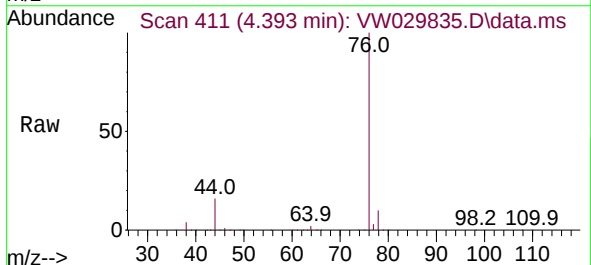
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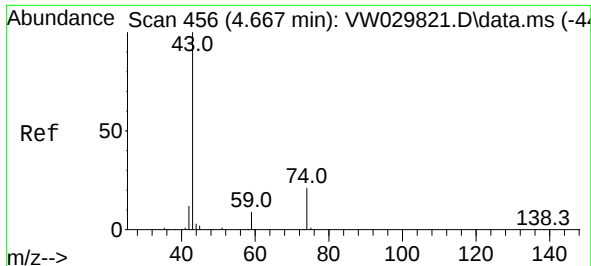
Tgt Ion: 43 Resp: 46729
Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.6



#14
Carbon disulfide
Concen: 25.399 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion: 76 Resp: 246195
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4





#15

Methyl Acetate

Concen: 27.771 ug/L

RT: 4.667 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

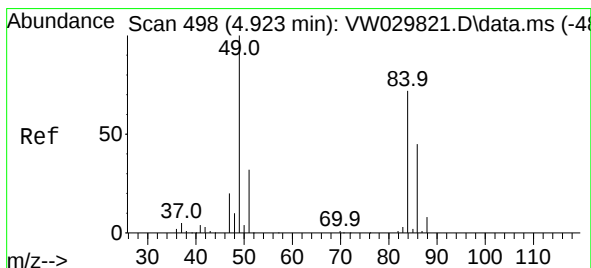
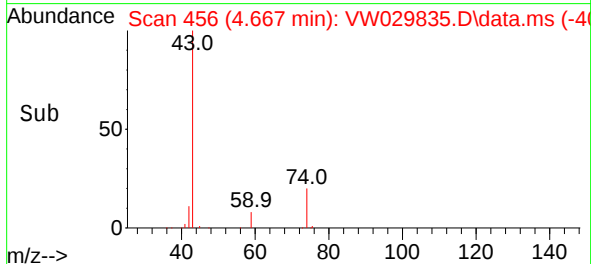
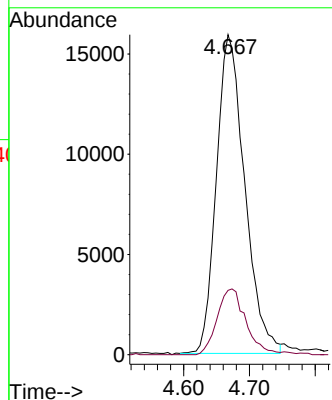
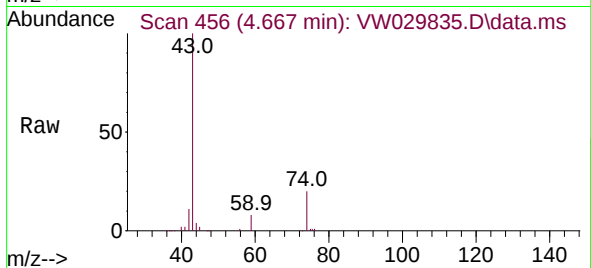
ClientSampleId :

Tgt Ion: 43 Resp: 47690

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7



#16

Methylene chloride

Concen: 20.709 ug/L

RT: 4.911 min Scan# 496

Delta R.T. -0.012 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

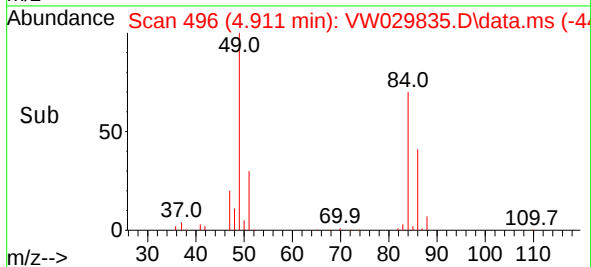
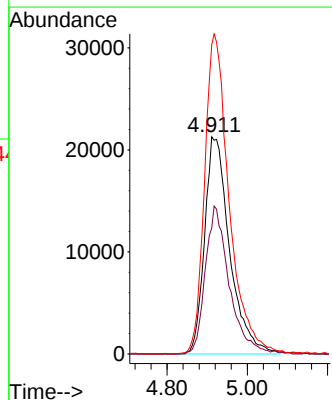
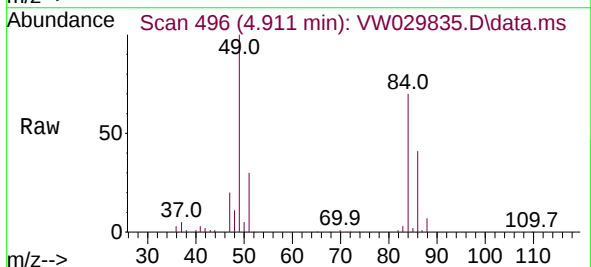
Tgt Ion: 84 Resp: 92304

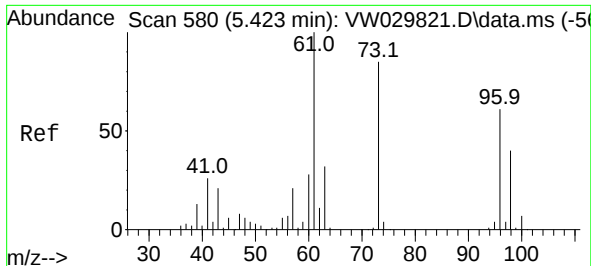
Ion Ratio Lower Upper

84 100

86 58.0 44.7 82.9

49 142.4 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 27.665 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :

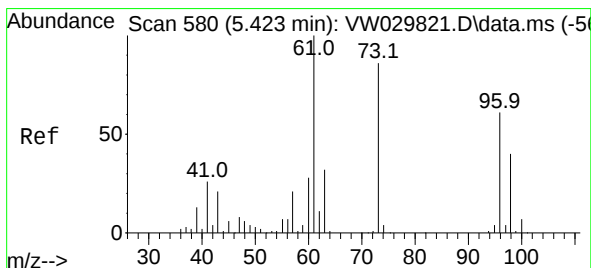
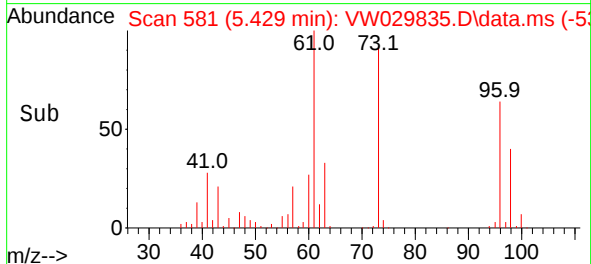
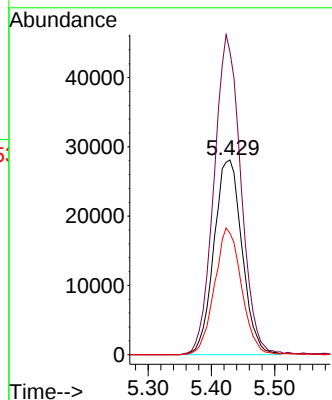
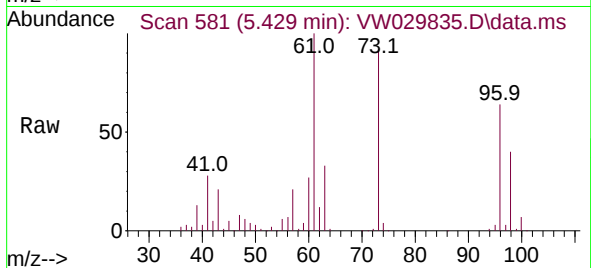
Tgt Ion: 96 Resp: 86835

Ion Ratio Lower Upper

96 100

61 155.5 111.2 206.6

98 62.4 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 27.230 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

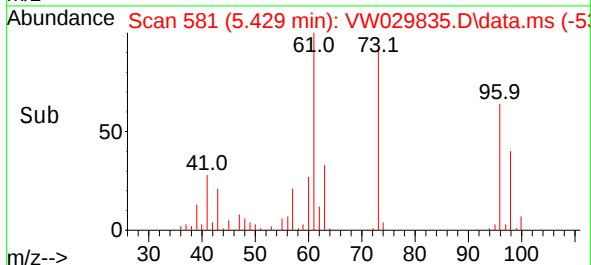
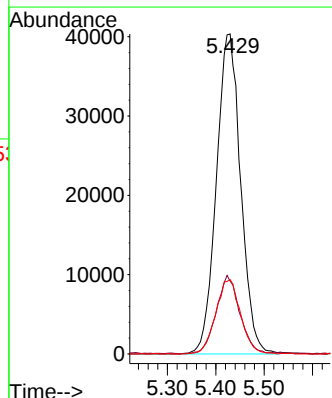
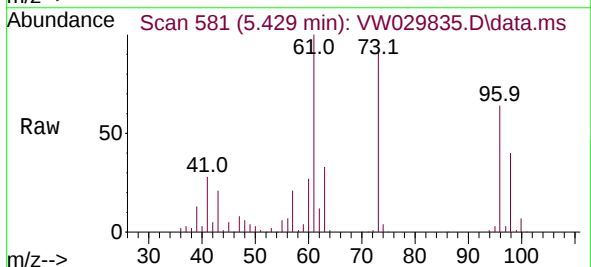
Tgt Ion: 73 Resp: 140864

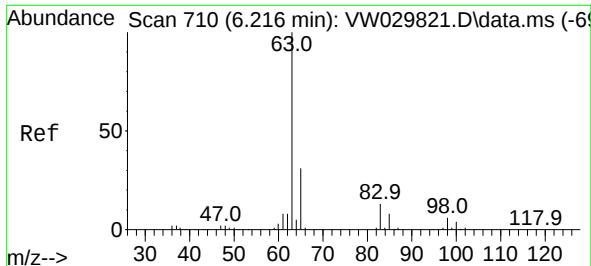
Ion Ratio Lower Upper

73 100

43 23.4 18.3 27.5

57 23.7 17.9 26.9





#19

1,1-Dichloroethane

Concen: 28.301 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :

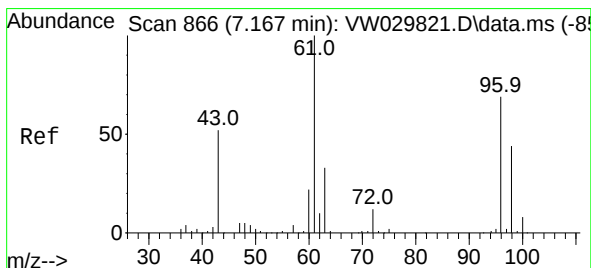
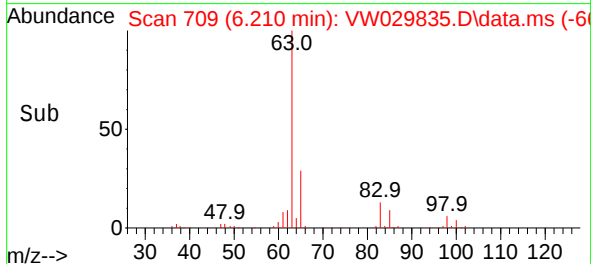
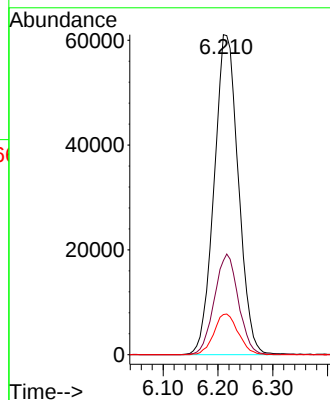
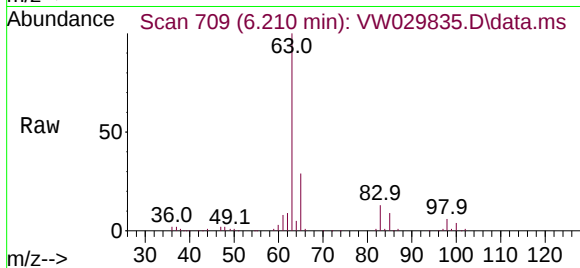
Tgt Ion: 63 Resp: 187355

Ion Ratio Lower Upper

63 100

65 29.4 22.3 41.3

83 12.5 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 27.637 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

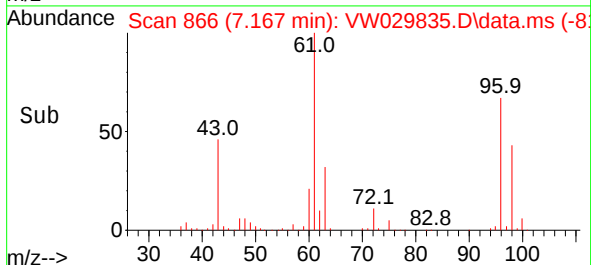
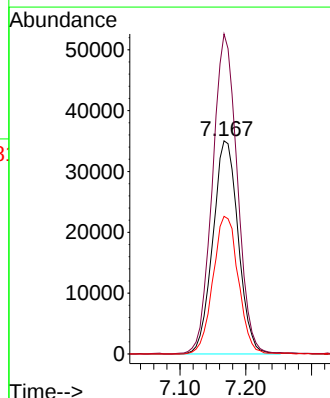
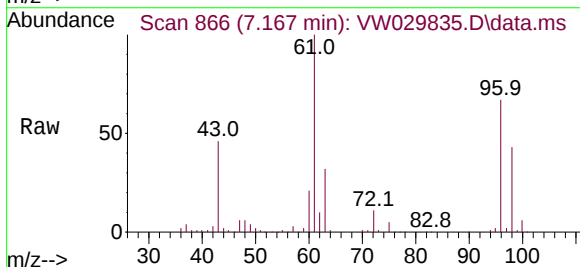
Tgt Ion: 96 Resp: 94098

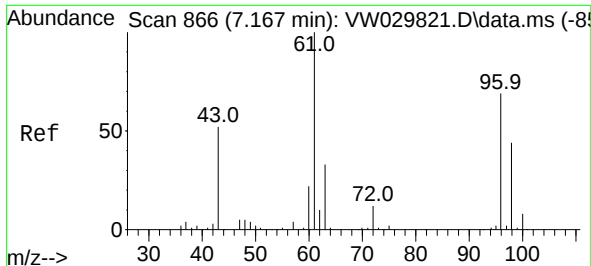
Ion Ratio Lower Upper

96 100

61 150.1 98.2 182.4

98 64.6 41.9 77.9





#22

2-Butanone

Concen: 50.714 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

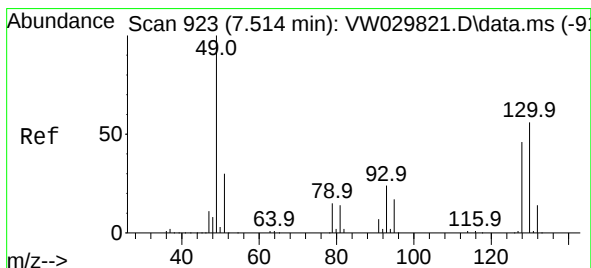
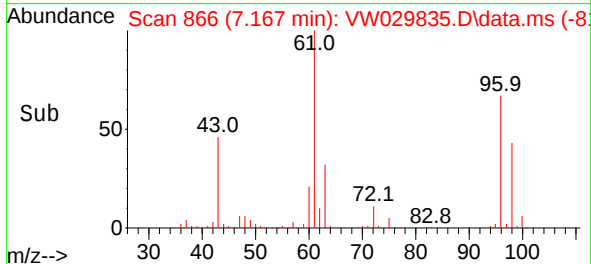
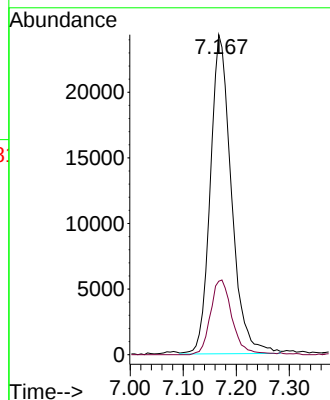
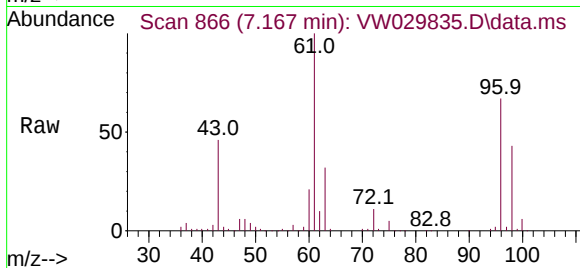
ClientSampleId :

Tgt Ion: 43 Resp: 66996

Ion Ratio Lower Upper

43 100

72 24.1 11.7 35.1



#23

Bromochloromethane

Concen: 28.782 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Tgt Ion: 128 Resp: 41602

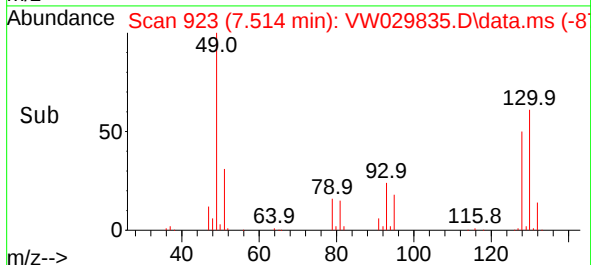
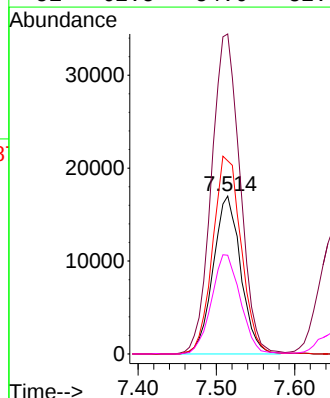
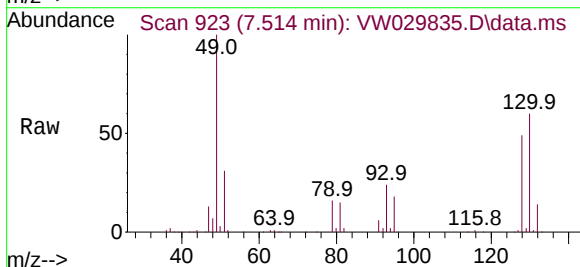
Ion Ratio Lower Upper

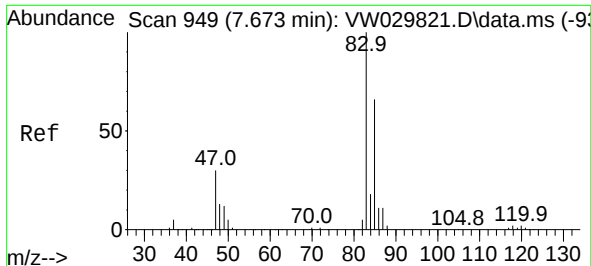
128 100

49 202.6 151.1 280.7

130 122.3 96.8 179.8

51 62.5 54.6 82.0





#25

Chloroform

Concen: 29.154 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

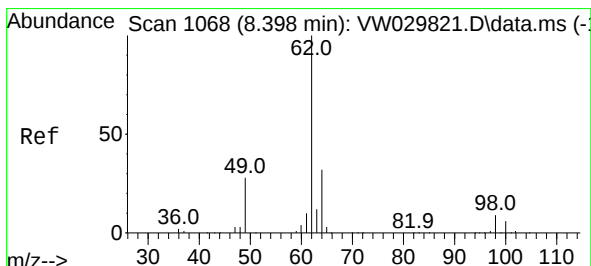
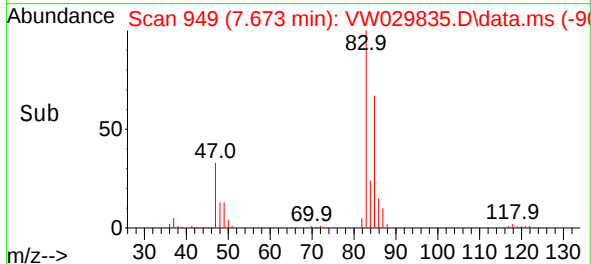
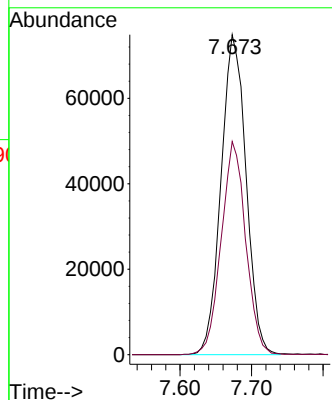
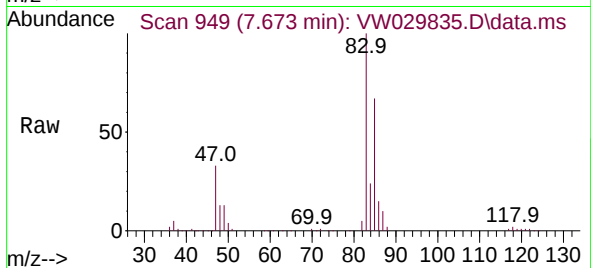
ClientSampleId :

Tgt Ion: 83 Resp: 181838

Ion Ratio Lower Upper

83 100

85 66.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 28.822 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029835.D

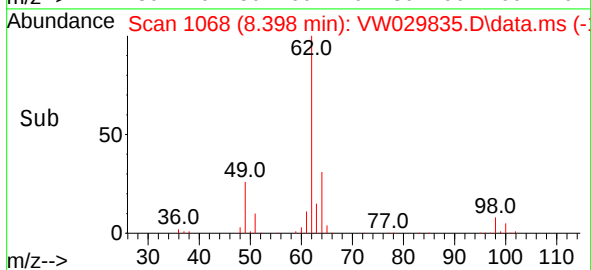
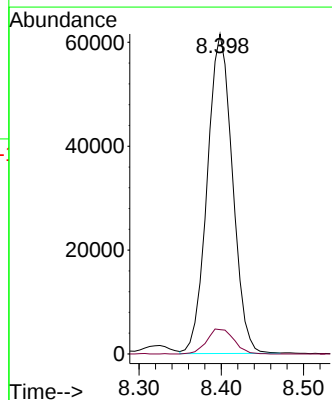
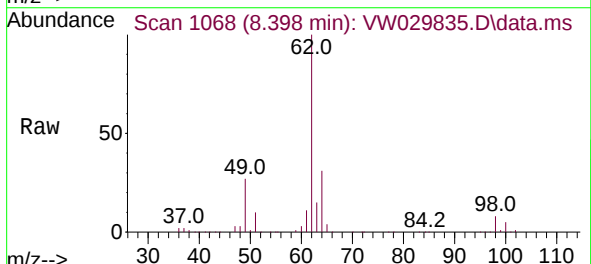
Acq: 06 Aug 2024 11:23

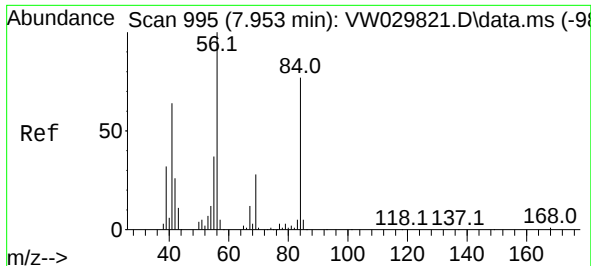
Tgt Ion: 62 Resp: 131007

Ion Ratio Lower Upper

62 100

98 7.6 6.6 10.0





#29

Cyclohexane

Concen: 24.628 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :

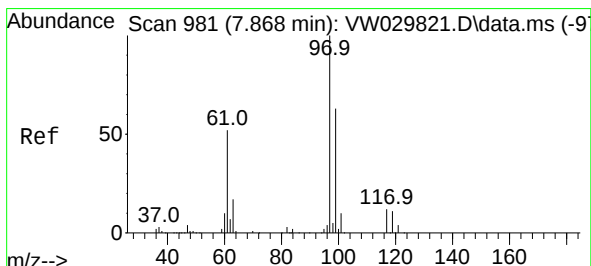
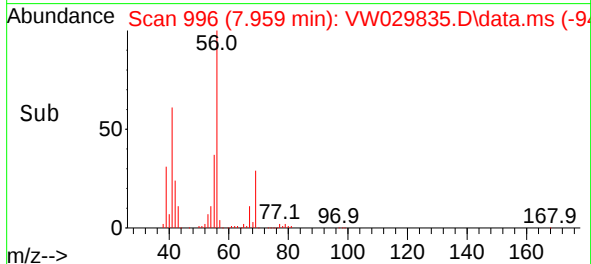
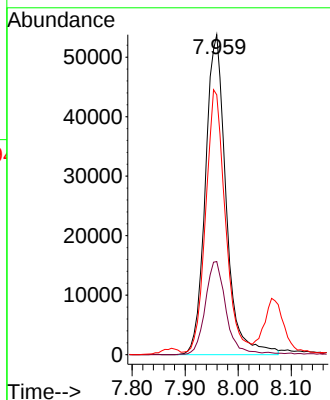
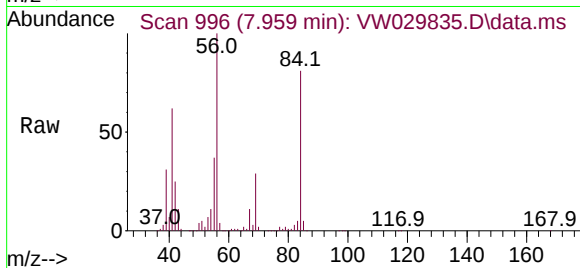
Tgt Ion: 56 Resp: 145703

Ion Ratio Lower Upper

56 100

69 28.8 23.0 34.4

84 78.4 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 26.280 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

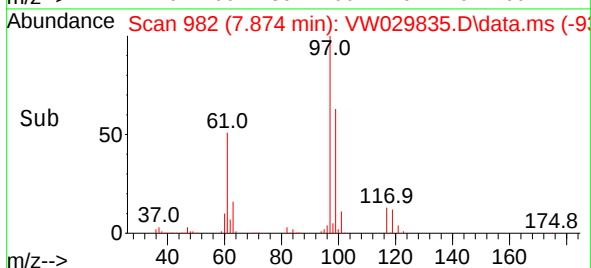
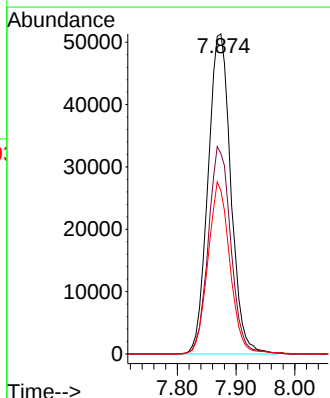
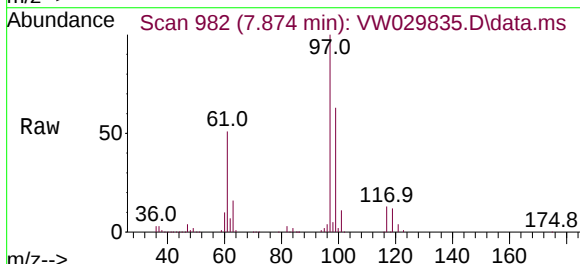
Tgt Ion: 97 Resp: 138547

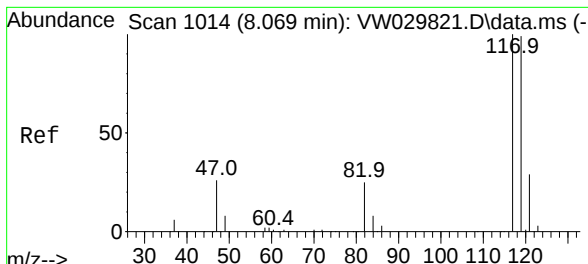
Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

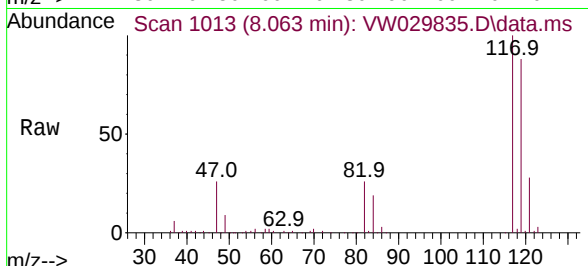
61 51.8 42.6 63.8



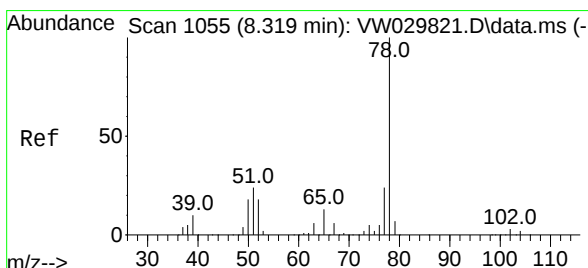
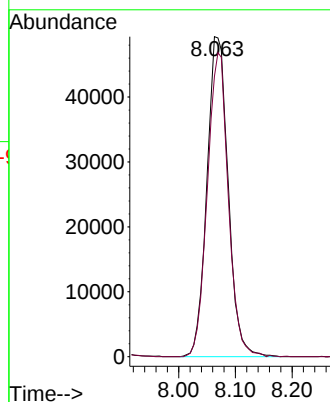
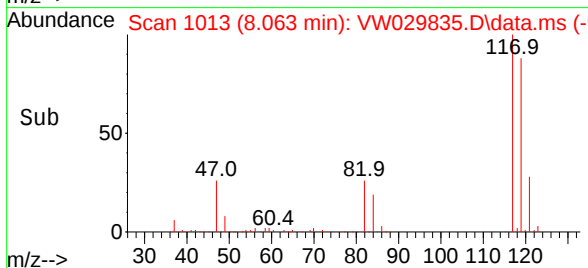


#31
Carbon tetrachloride
Concen: 26.984 ug/L
RT: 8.063 min Scan# 117
Delta R.T. -0.006 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Instrument :
MSVOA_W
ClientSampleId :

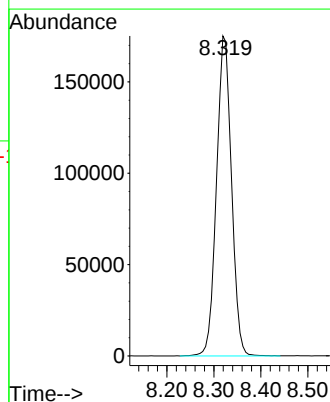
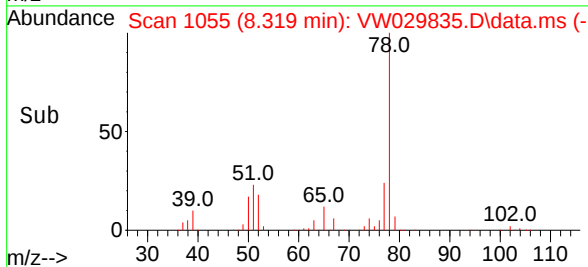
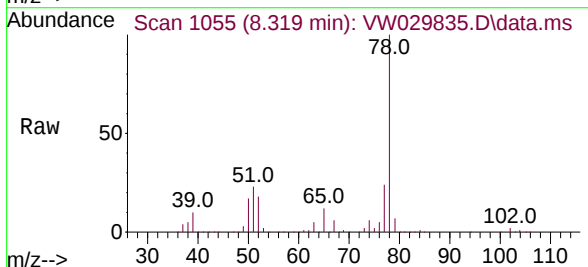


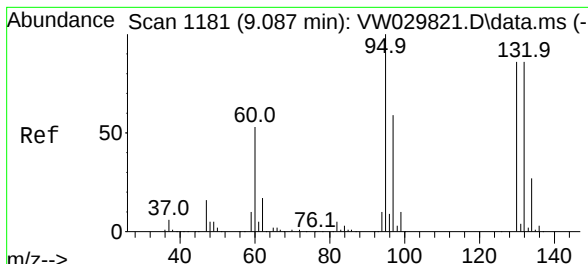
Tgt Ion:117 Resp: 128189
Ion Ratio Lower Upper
117 100
119 93.8 74.8 112.2



#33
Benzene
Concen: 27.265 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion: 78 Resp: 388919





#34

Trichloroethene

Concen: 26.184 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

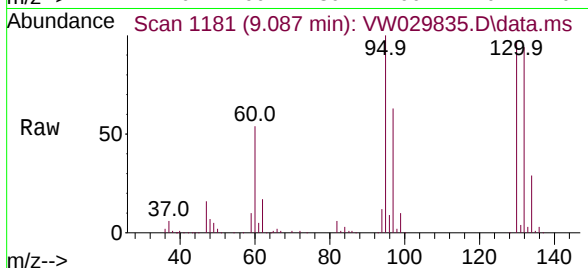
Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 97912

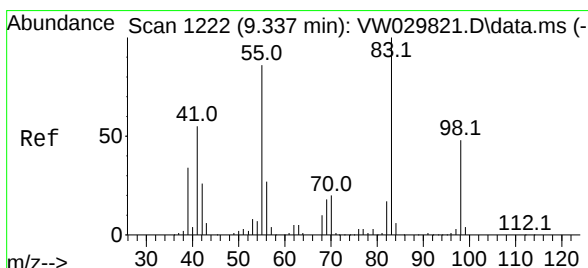
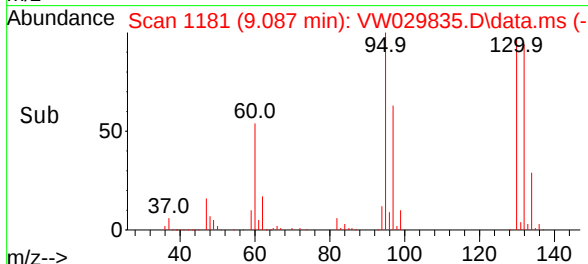
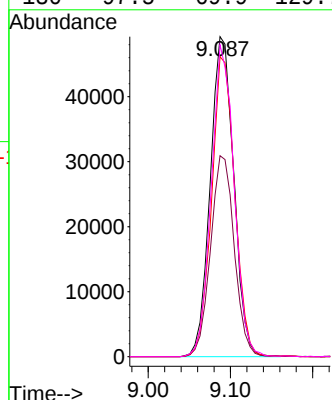
Ion Ratio Lower Upper

95 100

97 62.8 45.6 84.8

132 93.7 65.2 121.0

130 97.5 69.9 129.7



#35

Methylcyclohexane

Concen: 25.096 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

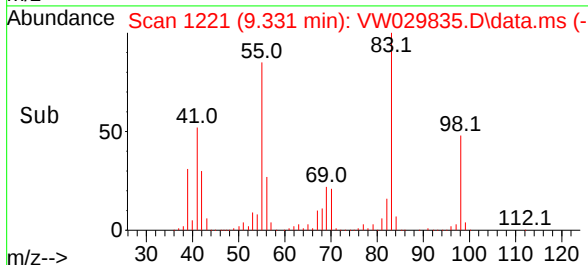
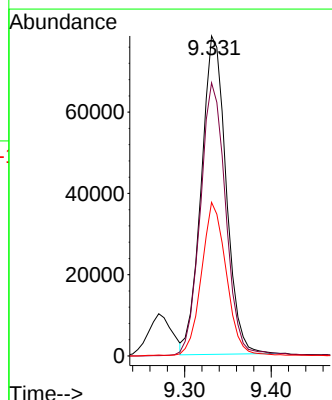
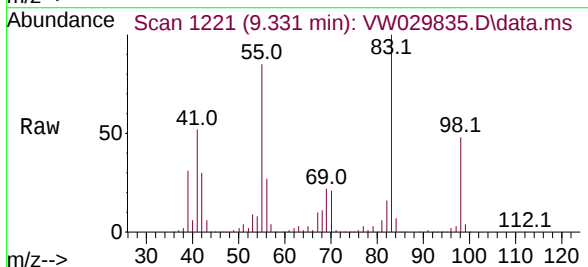
Tgt Ion: 83 Resp: 156369

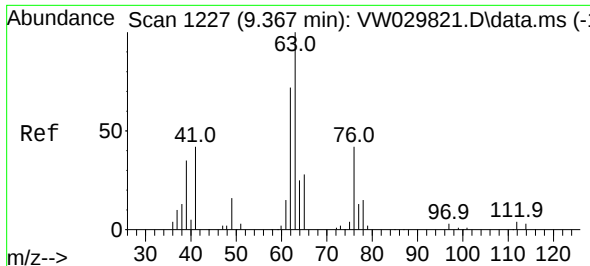
Ion Ratio Lower Upper

83 100

55 88.3 67.4 101.2

98 48.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 27.627 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

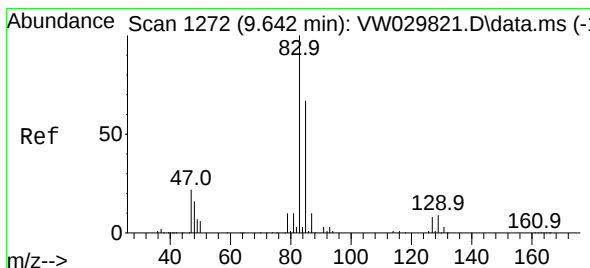
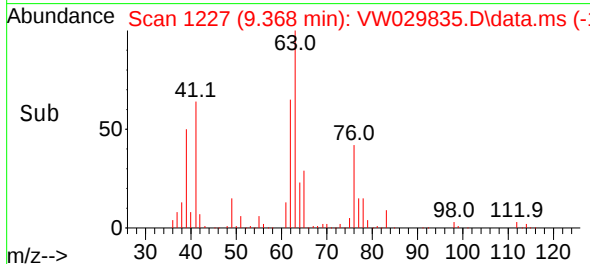
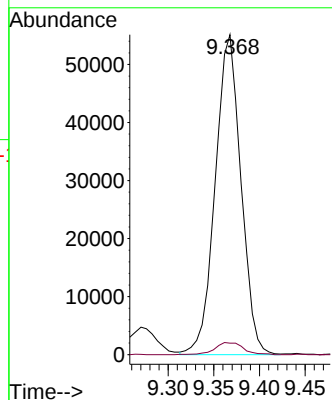
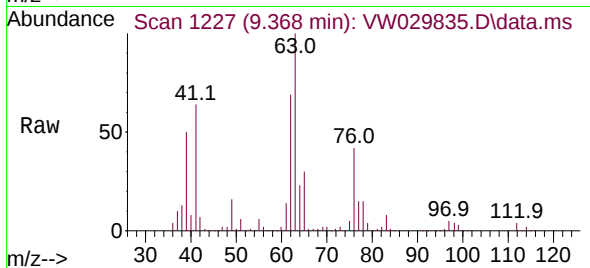
ClientSampleId :

Tgt Ion: 63 Resp: 107994

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 28.066 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

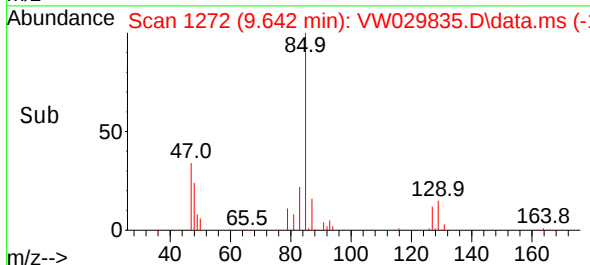
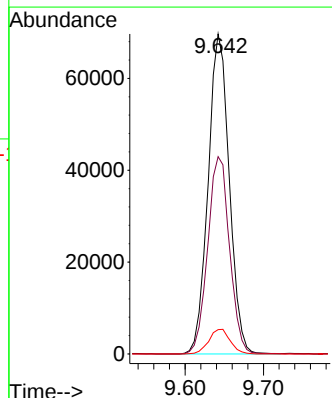
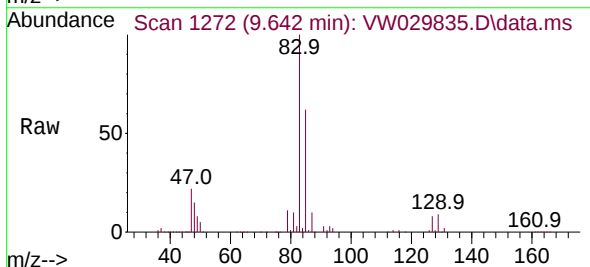
Tgt Ion: 83 Resp: 130645

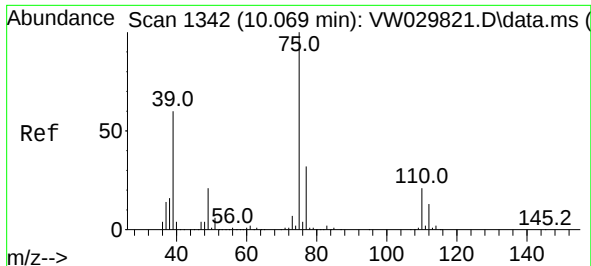
Ion Ratio Lower Upper

83 100

85 61.6 46.6 86.6

127 7.6 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 27.123 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

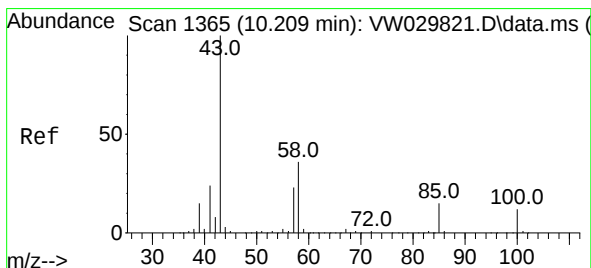
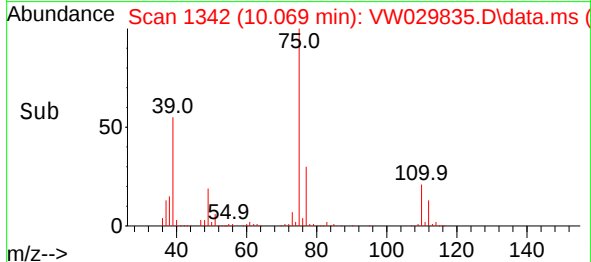
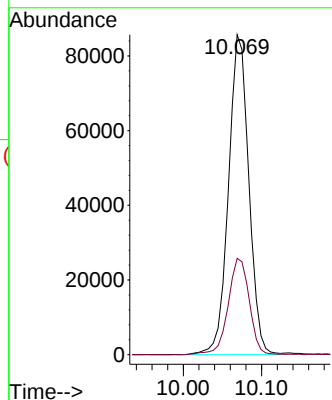
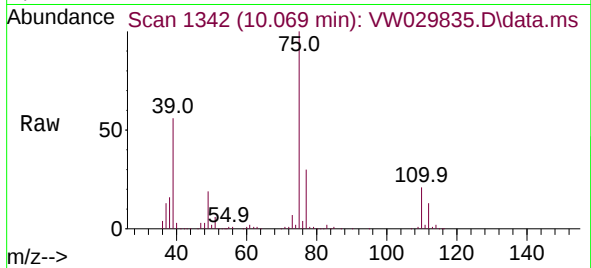
ClientSampleId :

Tgt Ion: 75 Resp: 154407

Ion Ratio Lower Upper

75 100

77 30.1 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 55.781 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

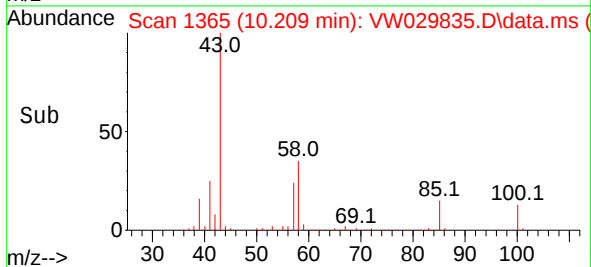
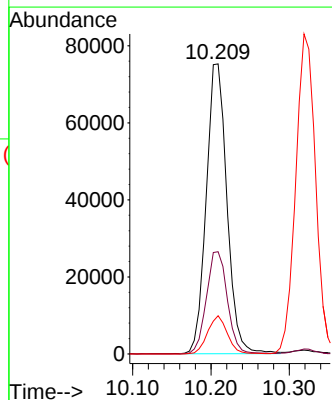
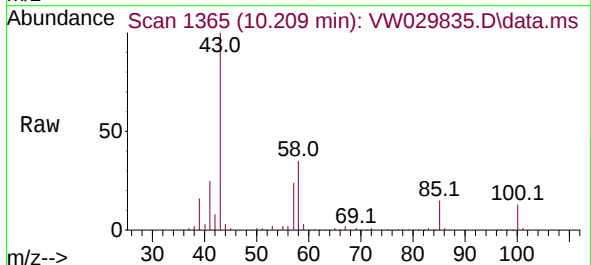
Tgt Ion: 43 Resp: 138498

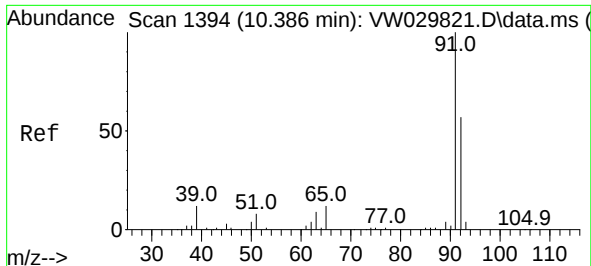
Ion Ratio Lower Upper

43 100

58 35.8 28.7 43.1

100 12.6 10.0 15.0

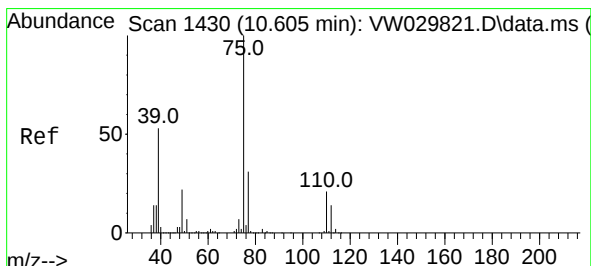
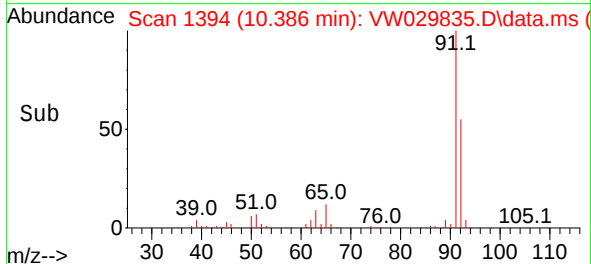
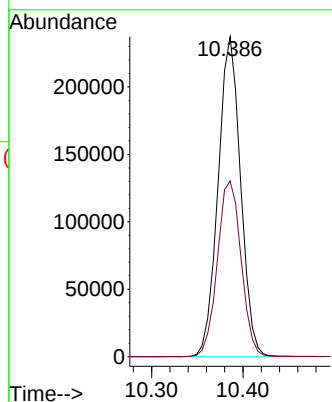
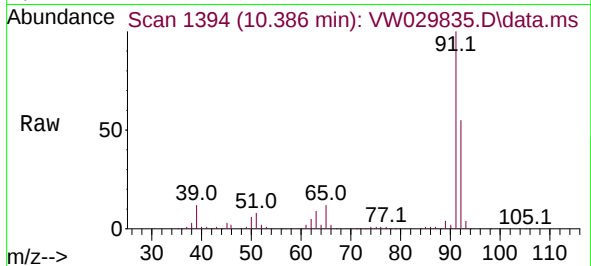




#42
Toluene
Concen: 27.898 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

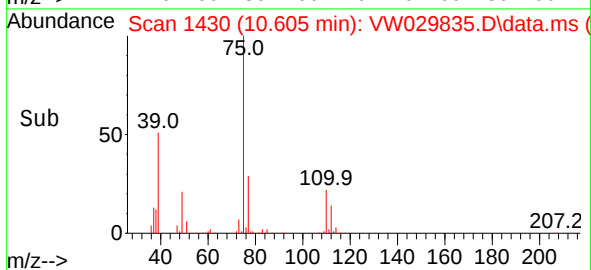
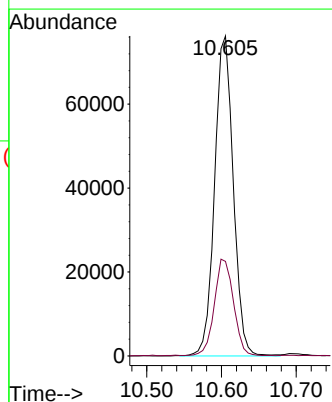
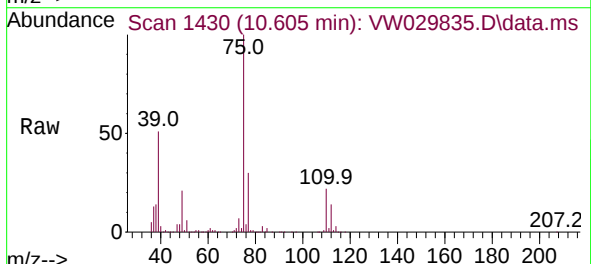
Instrument :
MSVOA_W
ClientSampleId :

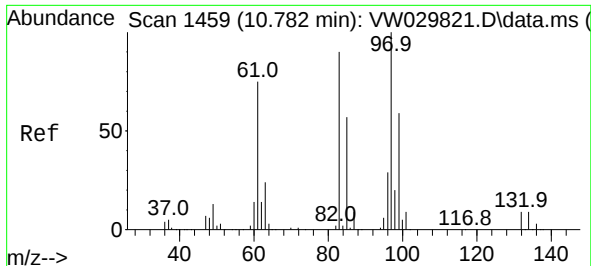
Tgt Ion: 91 Resp: 406200
Ion Ratio Lower Upper
91 100
92 54.9 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 27.954 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion: 75 Resp: 132107
Ion Ratio Lower Upper
75 100
77 29.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.087 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 73757

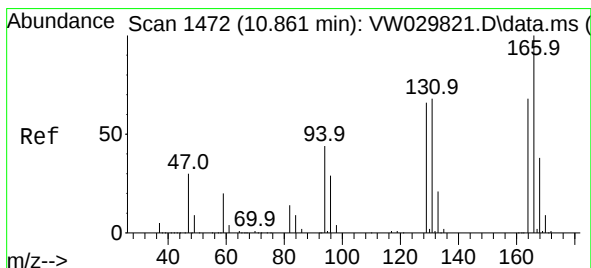
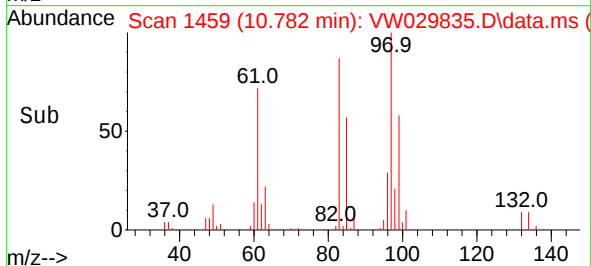
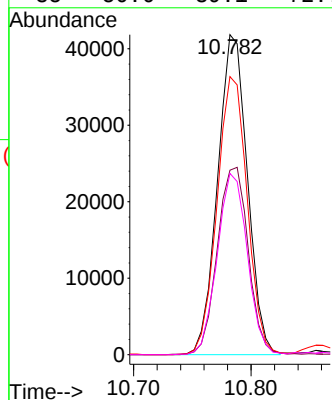
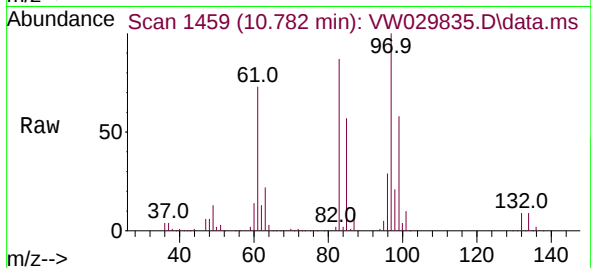
Ion Ratio Lower Upper

97 100

99 57.7 40.1 74.5

83 86.9 58.5 108.7

85 56.6 39.1 72.7



#46

Tetrachloroethene

Concen: 25.663 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Tgt Ion:164 Resp: 69749

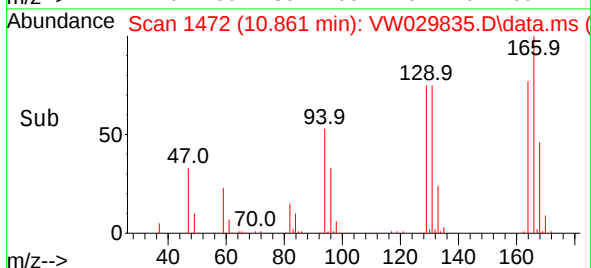
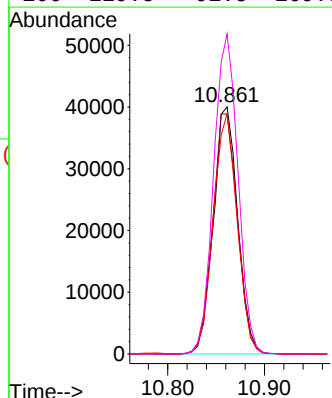
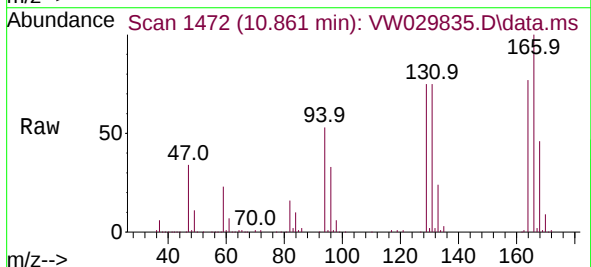
Ion Ratio Lower Upper

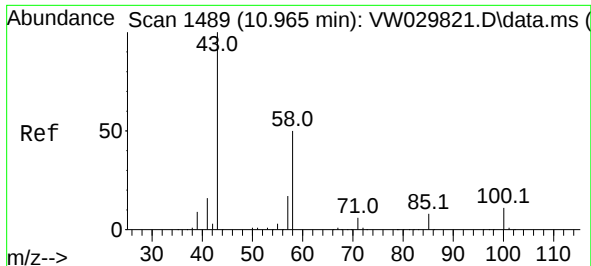
164 100

129 97.0 77.8 144.6

131 97.4 70.9 131.7

166 129.5 91.5 169.9

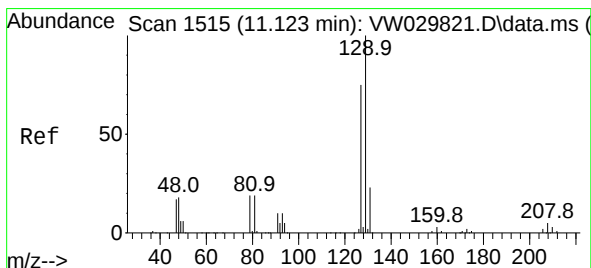
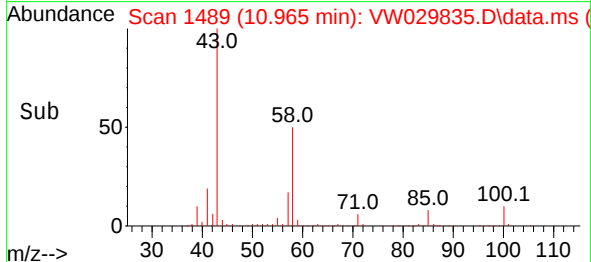
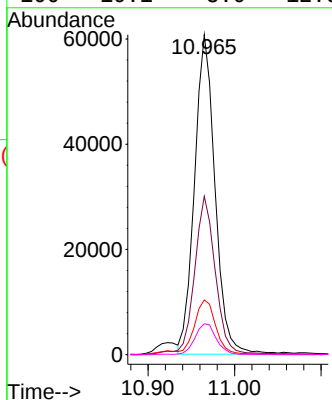
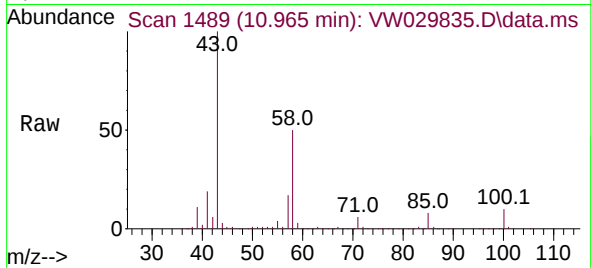




#48
2-Hexanone
Concen: 53.871 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

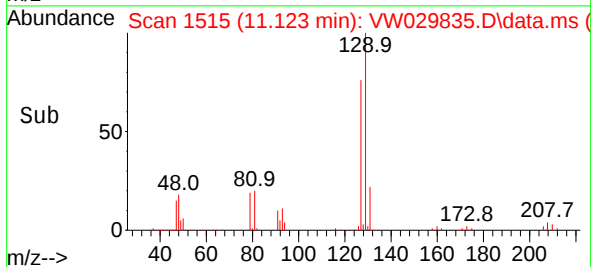
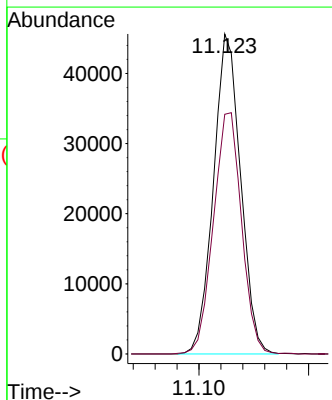
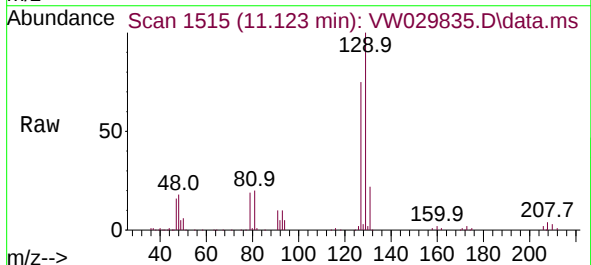
Instrument :
MSVOA_W
ClientSampleId :

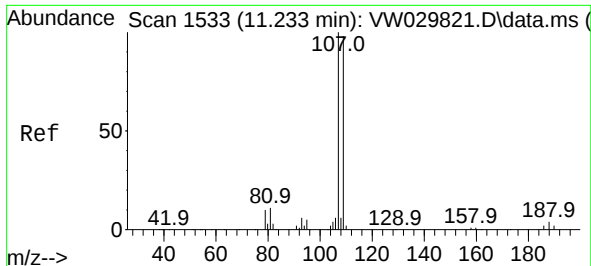
Tgt Ion: 43 Resp: 100178
Ion Ratio Lower Upper
43 100
58 49.1 41.0 61.4
57 17.9 14.1 21.1
100 10.1 8.0 12.0



#49
Dibromochloromethane
Concen: 28.800 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion:129 Resp: 78513
Ion Ratio Lower Upper
129 100
127 74.9 52.4 97.2





#50

1,2-Dibromoethane

Concen: 27.838 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :

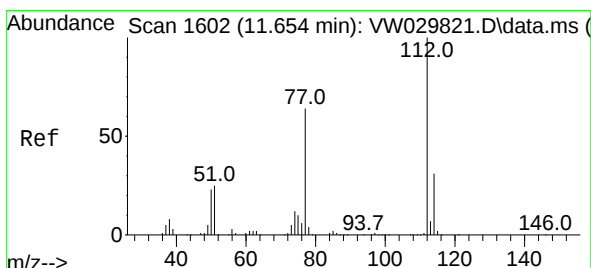
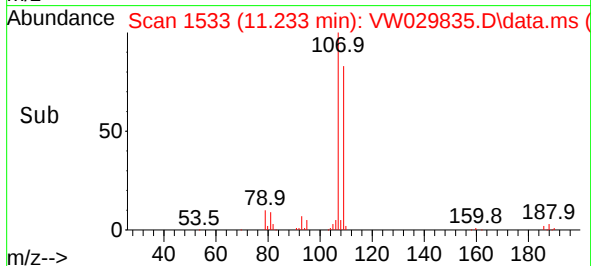
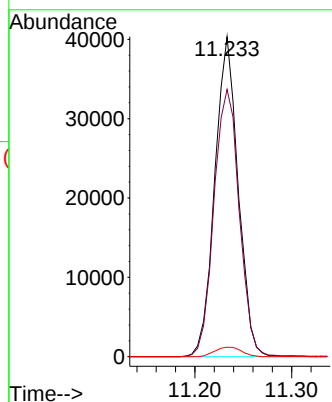
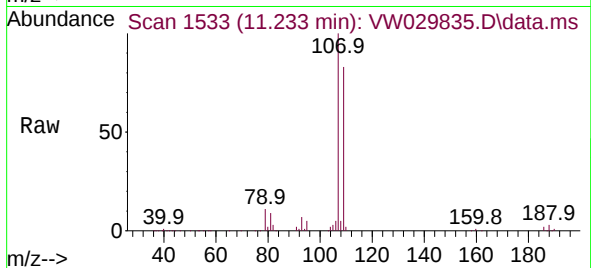
Tgt Ion:107 Resp: 67640

Ion Ratio Lower Upper

107 100

109 83.5 64.8 120.3

188 3.0 2.7 4.1



#51

Chlorobenzene

Concen: 27.631 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

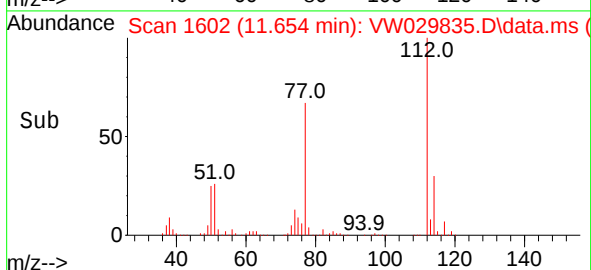
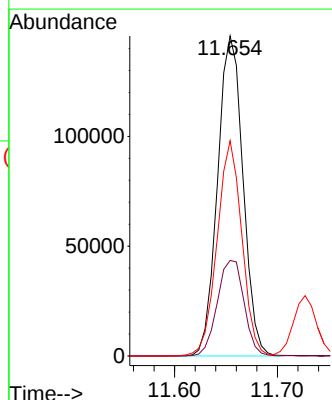
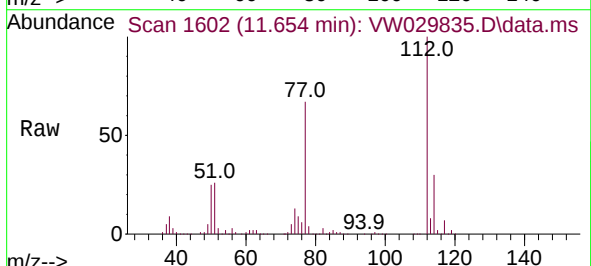
Tgt Ion:112 Resp: 250246

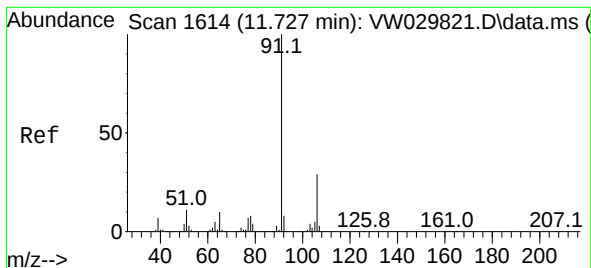
Ion Ratio Lower Upper

112 100

114 29.9 22.0 40.8

77 67.2 53.8 80.8

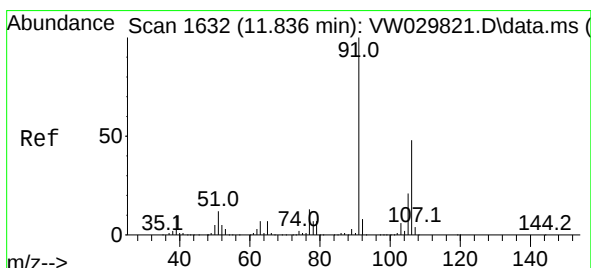
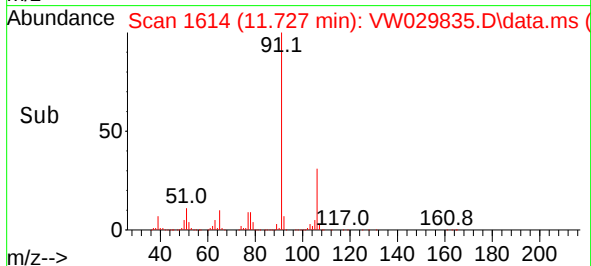
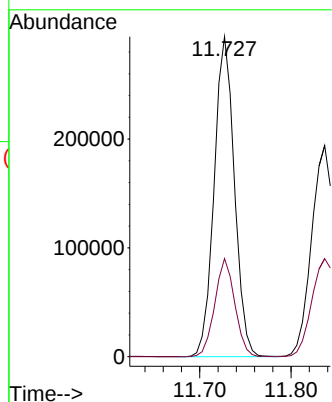
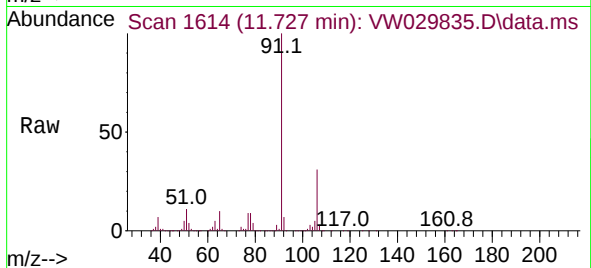




#52
Ethylbenzene
Concen: 27.541 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

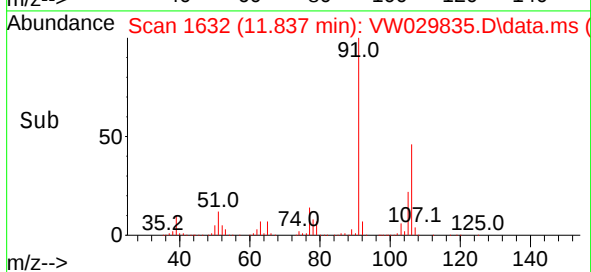
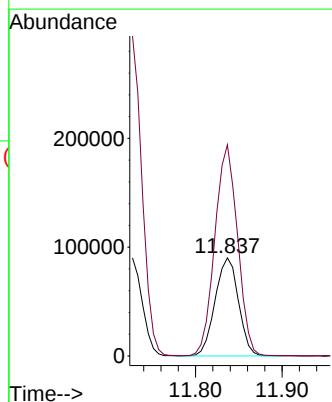
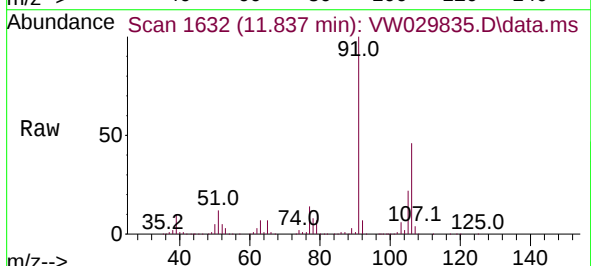
Instrument :
MSVOA_W
ClientSampleId :

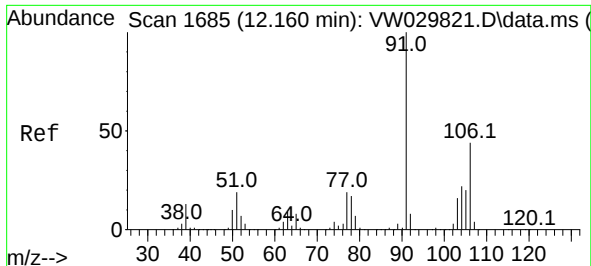
Tgt Ion: 91 Resp: 452340
Ion Ratio Lower Upper
91 100
106 30.7 20.4 38.0



#53
m,p-Xylene
Concen: 27.968 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion:106 Resp: 168937
Ion Ratio Lower Upper
106 100
91 215.4 151.4 281.2





#54

o-Xylene

Concen: 28.523 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

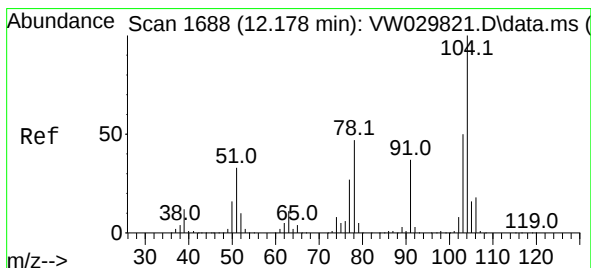
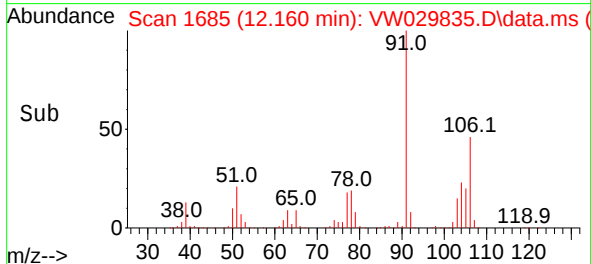
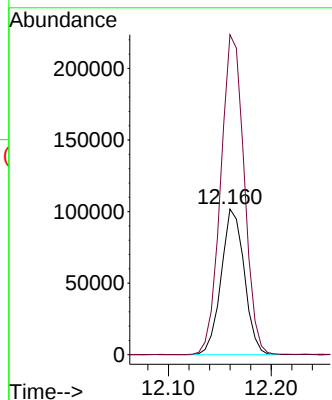
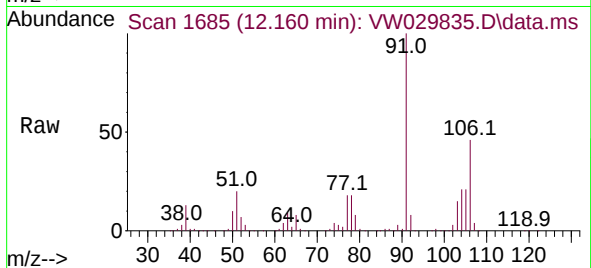
ClientSampleId :

Tgt Ion:106 Resp: 158655

Ion Ratio Lower Upper

106 100

91 219.7 155.8 289.4



#55

Styrene

Concen: 29.300 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029835.D

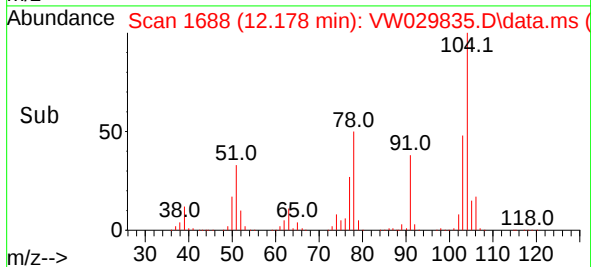
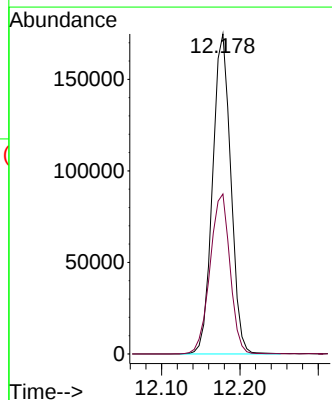
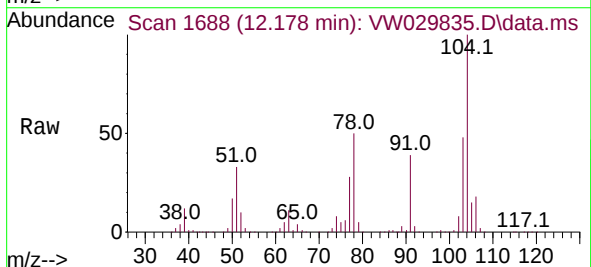
Acq: 06 Aug 2024 11:23

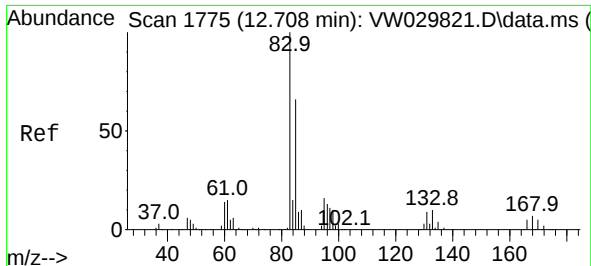
Tgt Ion:104 Resp: 282500

Ion Ratio Lower Upper

104 100

78 50.0 33.3 61.9

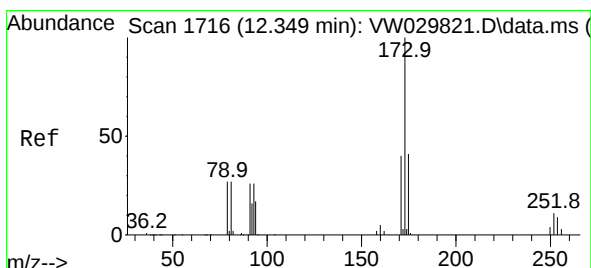
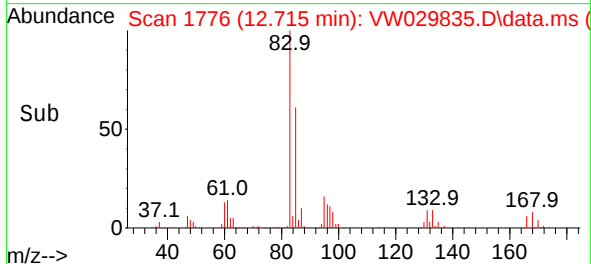
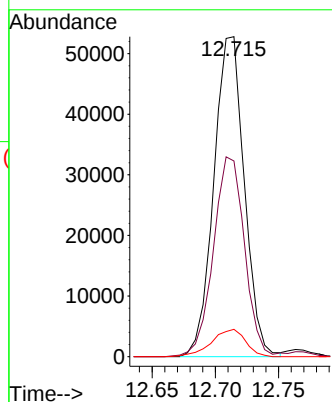
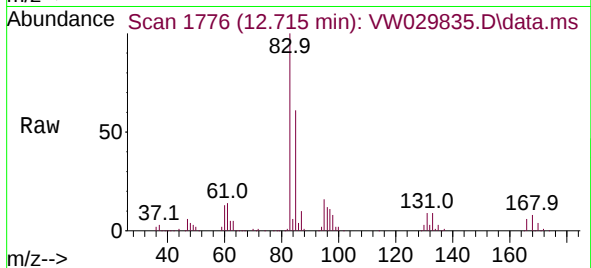




#57
1,1,2,2-Tetrachloroethane
Concen: 27.486 ug/L
RT: 12.715 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

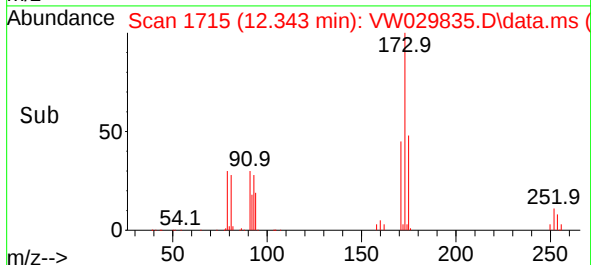
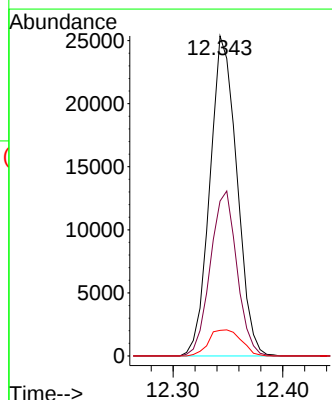
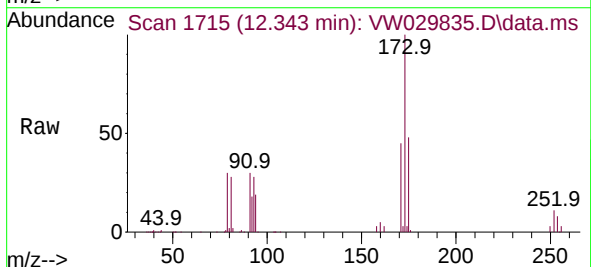
Instrument :
MSVOA_W
ClientSampleId :

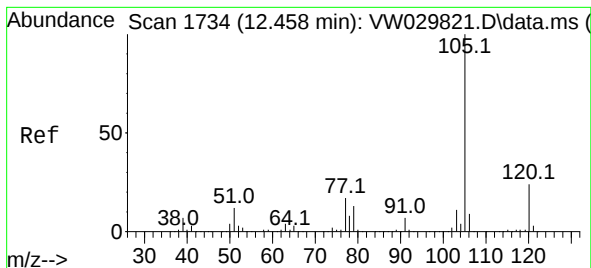
Tgt Ion: 83 Resp: 88593
Ion Ratio Lower Upper
83 100
85 61.1 44.2 82.0
131 8.5 6.2 9.2



#59
Bromoform
Concen: 27.573 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion:173 Resp: 43375
Ion Ratio Lower Upper
173 100
175 50.6 38.1 57.1
254 9.8 7.8 11.6





#60

Isopropylbenzene

Concen: 26.815 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :

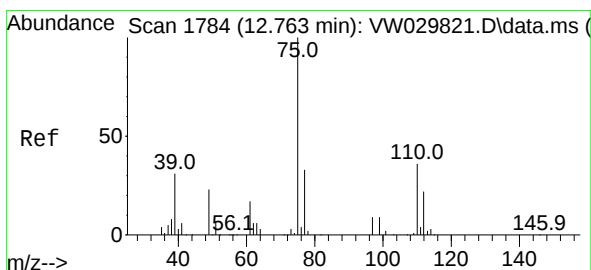
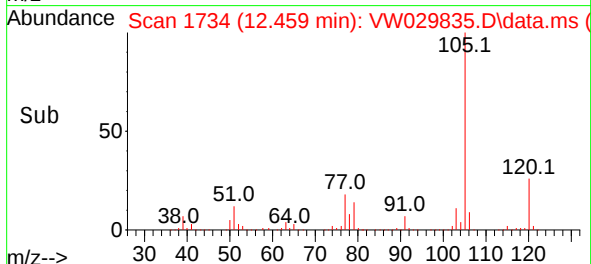
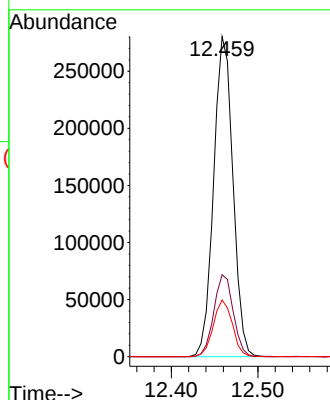
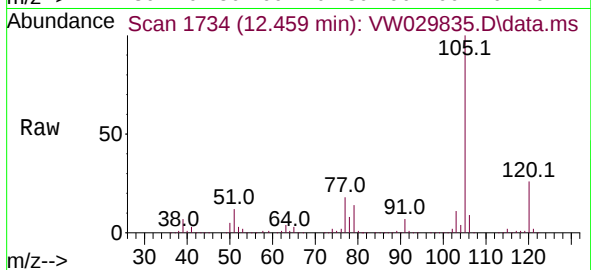
Tgt Ion:105 Resp: 433810

Ion Ratio Lower Upper

105 100

120 25.8 20.3 30.5

77 17.5 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 26.099 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

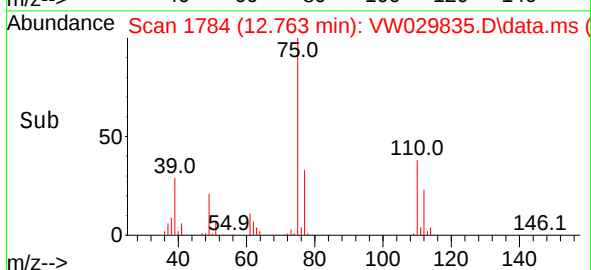
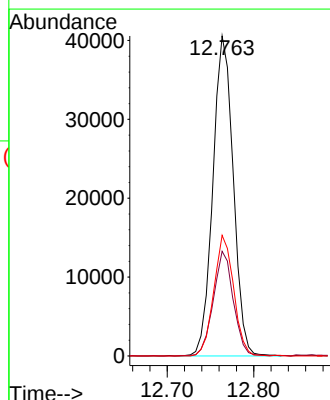
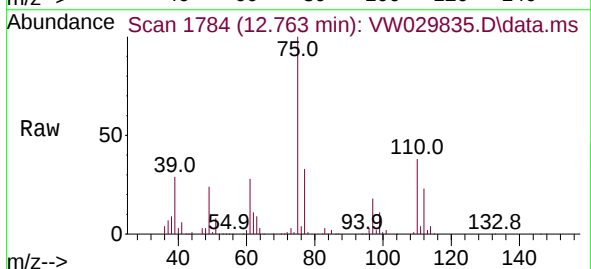
Tgt Ion: 75 Resp: 66361

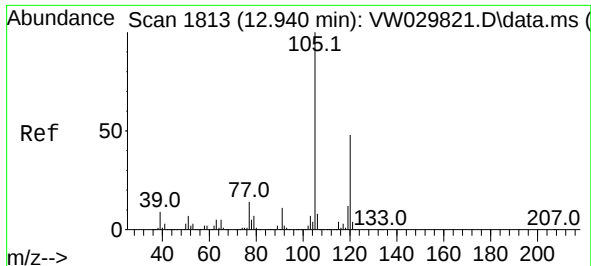
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

110 36.7 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 29.991 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

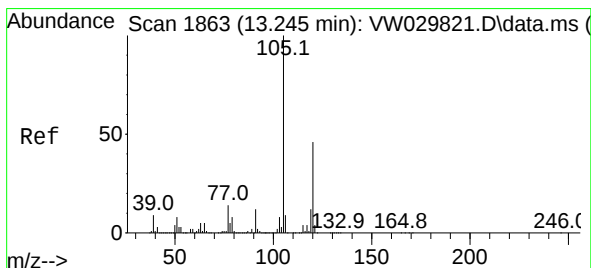
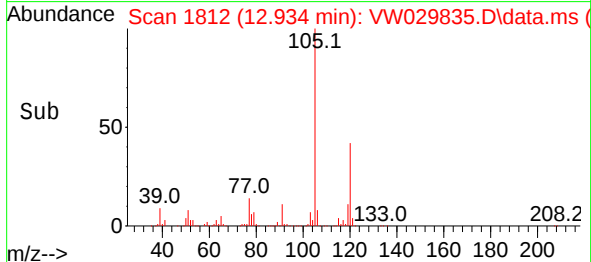
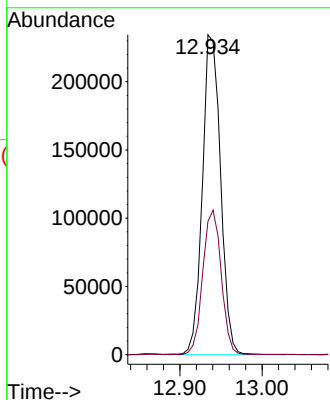
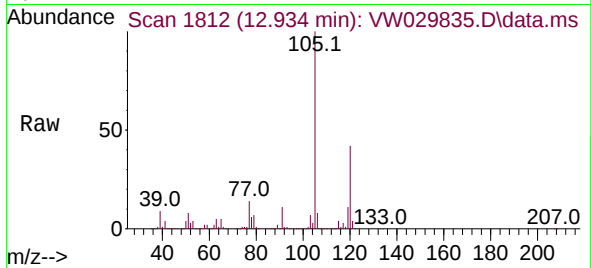
ClientSampleId :

Tgt Ion:105 Resp: 360635

Ion Ratio Lower Upper

105 100

120 45.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 28.175 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029835.D

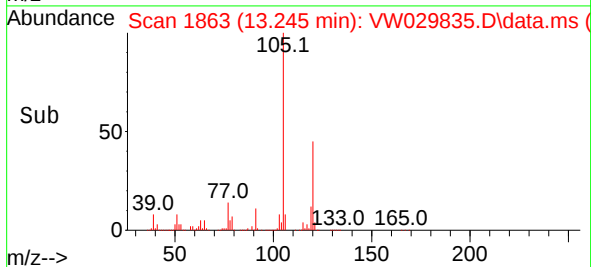
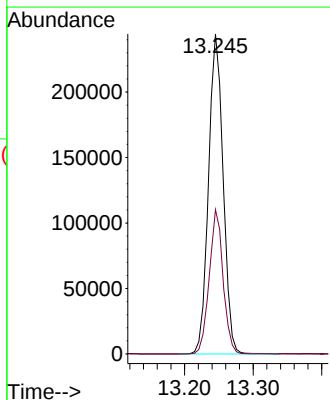
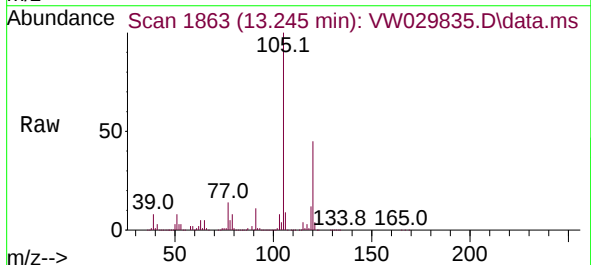
Acq: 06 Aug 2024 11:23

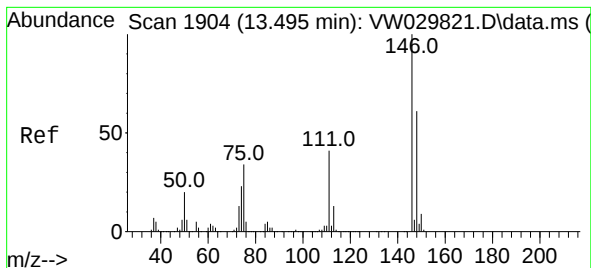
Tgt Ion:105 Resp: 362329

Ion Ratio Lower Upper

105 100

120 42.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 27.226 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

Instrument :

MSVOA_W

ClientSampleId :

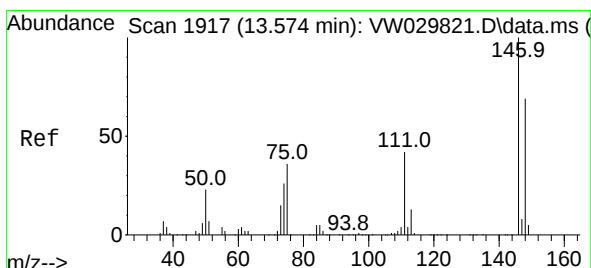
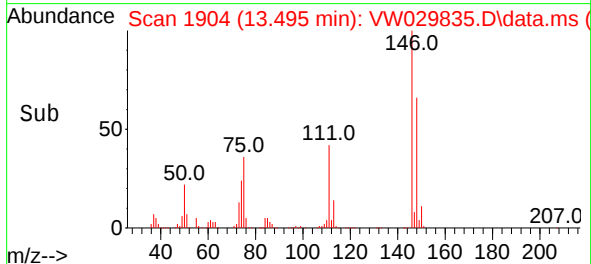
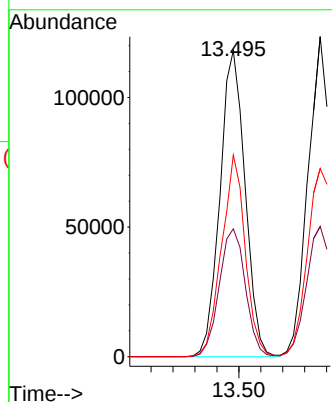
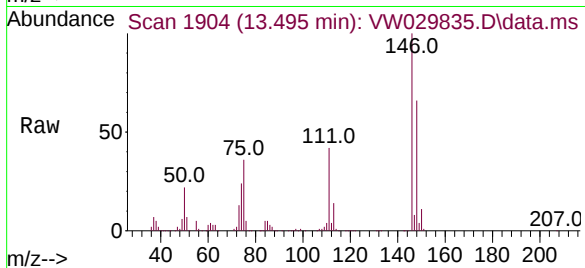
Tgt Ion:146 Resp: 187922

Ion Ratio Lower Upper

146 100

111 41.7 28.7 53.3

148 65.9 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 26.704 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029835.D

Acq: 06 Aug 2024 11:23

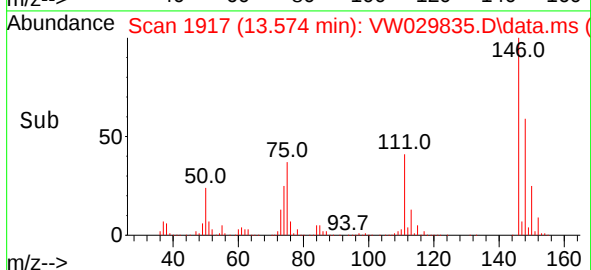
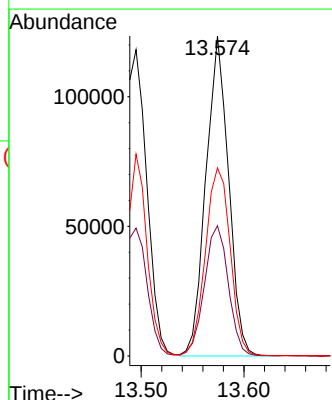
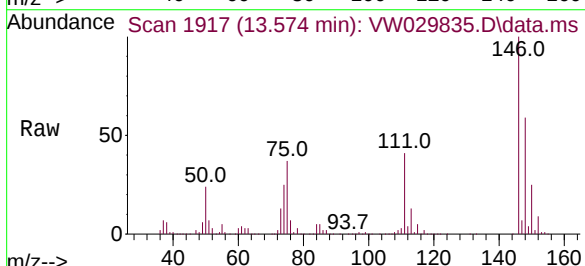
Tgt Ion:146 Resp: 189333

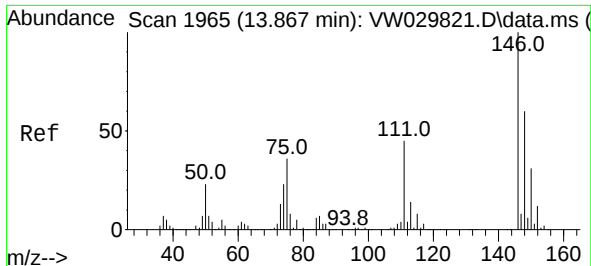
Ion Ratio Lower Upper

146 100

111 40.7 30.1 55.9

148 58.8 45.4 84.4

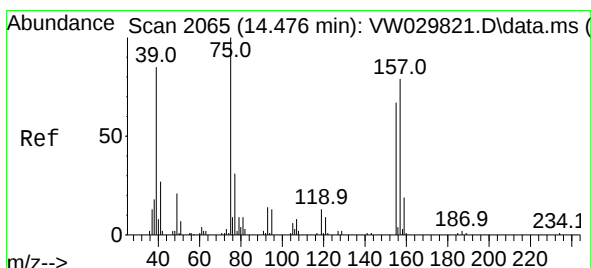
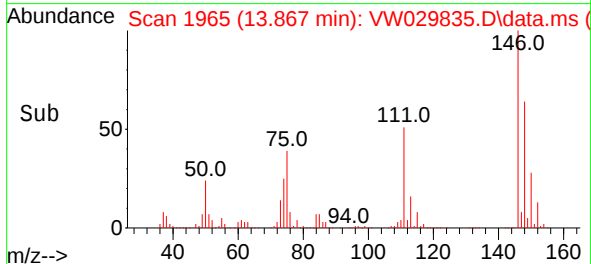
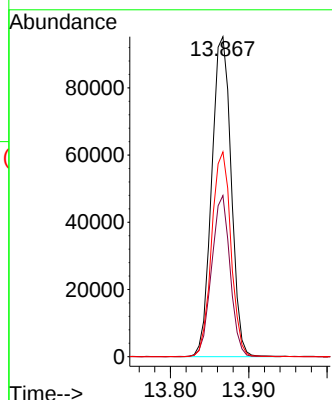
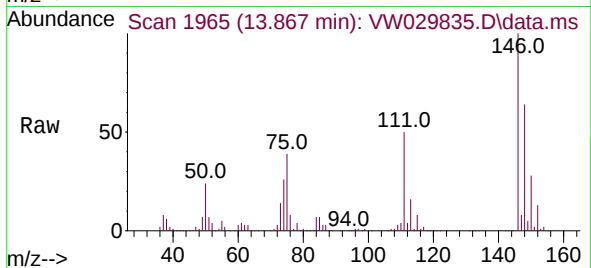




#67
1,2-Dichlorobenzene
Concen: 26.121 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

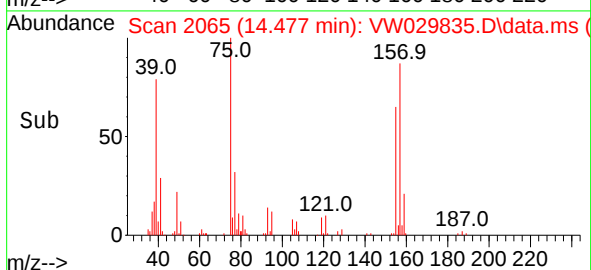
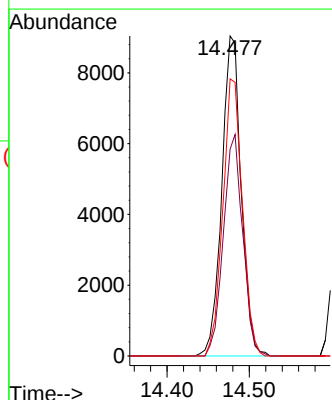
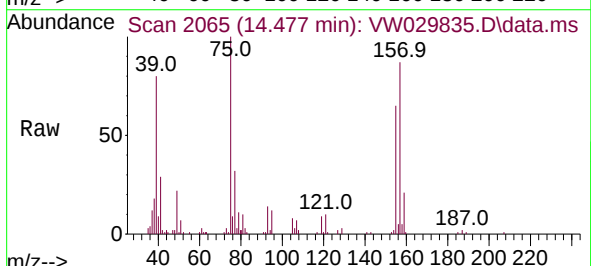
Instrument :
MSVOA_W
ClientSampleId :

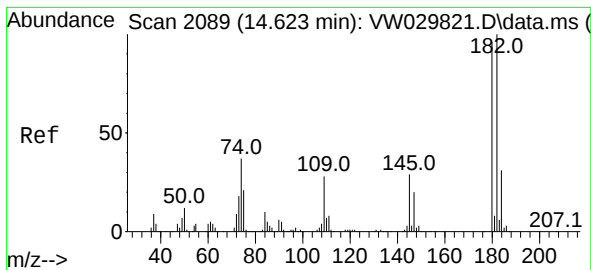
Tgt Ion:146 Resp: 164143
Ion Ratio Lower Upper
146 100
111 50.4 35.8 53.8
148 64.0 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.673 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

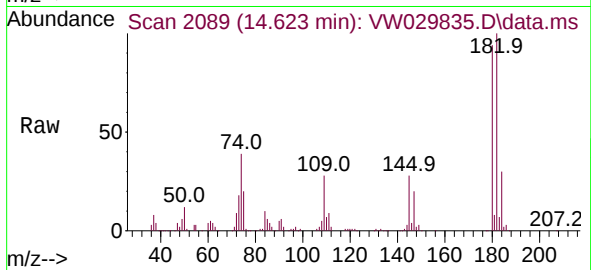
Tgt Ion: 75 Resp: 14822
Ion Ratio Lower Upper
75 100
155 64.6 47.8 71.6
157 86.6 63.7 95.5



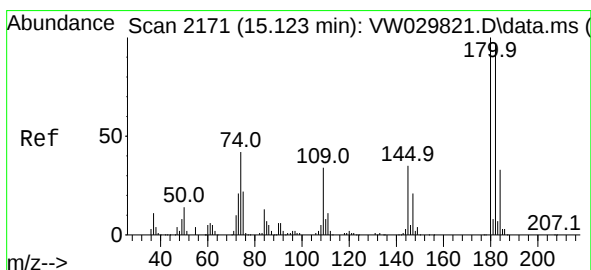
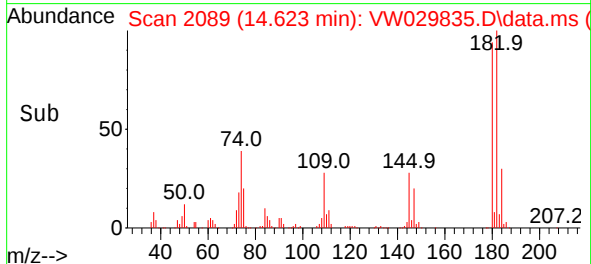
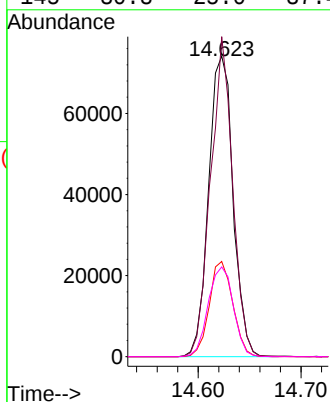


#69
1,3,5-Trichlorobenzene
Concen: 25.934 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Instrument :
MSVOA_W
ClientSampleId :

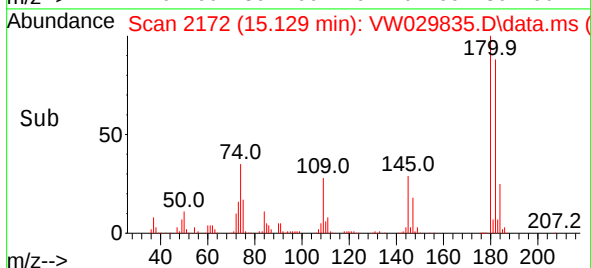
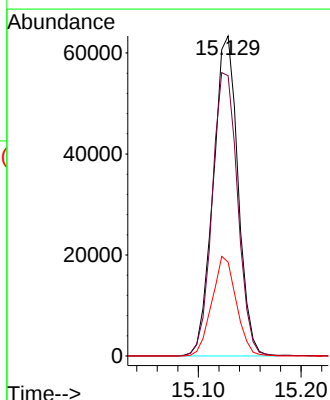
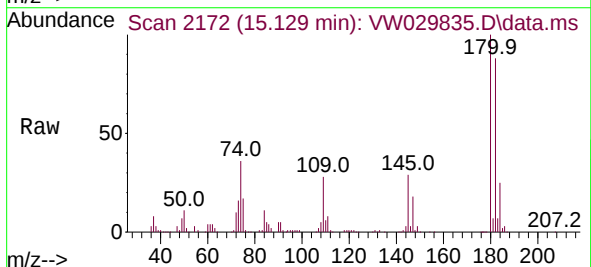


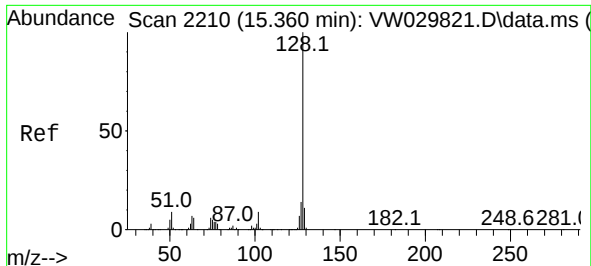
Tgt Ion:180 Resp: 122473
Ion Ratio Lower Upper
180 100
182 95.9 72.7 109.1
184 30.6 23.3 34.9
145 30.8 25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 26.620 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion:180 Resp: 105908
Ion Ratio Lower Upper
180 100
182 91.1 80.2 120.4
145 30.6 26.3 39.5

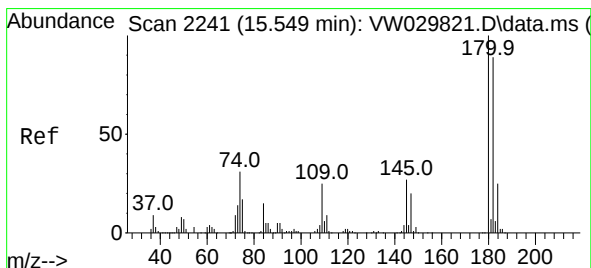
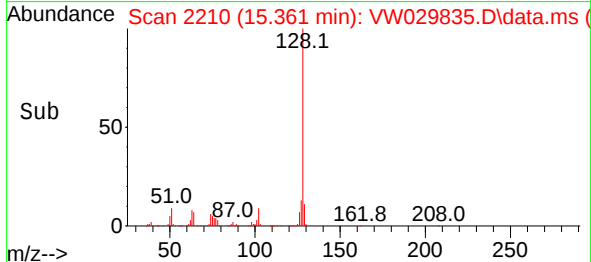
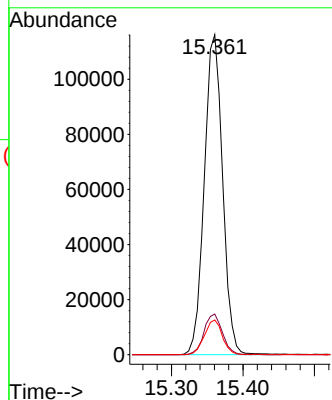
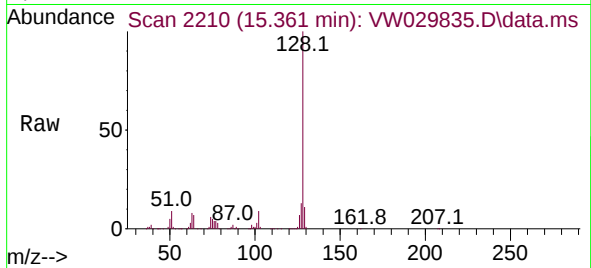




#71
Naphthalene
Concen: 27.210 ug/L
RT: 15.361 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 206564
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.6 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.252 ug/L
RT: 15.550 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW029835.D
Acq: 06 Aug 2024 11:23

Tgt Ion:180 Resp: 94532
Ion Ratio Lower Upper
180 100
182 93.2 74.0 111.0
145 33.8 27.5 41.3

