

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029853.D
 Acq On : 08 Aug 2024 09:08
 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 09 00:43:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 08 02:00:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	221933	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	206616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102711	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	57020	18.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
7) Chloroethane-d5	2.899	69	50833	22.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	4.021	65	29954	20.827	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.320%
21) 2-Butanone-d5	7.075	46	42505	49.221	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.440%
24) Chloroform-d	7.648	84	158947	27.667	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.680%
26) 1,2-Dichloroethane-d4	8.301	65	89104	27.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.920%
32) Benzene-d6	8.270	84	290433	26.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.080%
36) 1,2-Dichloropropane-d6	9.270	67	96797	27.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.600%
41) Toluene-d8	10.319	98	262103	26.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	10.575	79	36907	25.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.922	63	29569	50.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74637	28.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	83384	26.145	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	68851	23.015	ug/L	98
3) Chloromethane	2.217	50	89266	24.114	ug/L	98
5) Vinyl chloride	2.375	62	109146	26.314	ug/L	97
6) Bromomethane	2.790	94	59529	26.137	ug/L	96
8) Chloroethane	2.936	64	66382	28.133	ug/L	98
9) Trichlorofluoromethane	3.271	101	96040	28.988	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90580	27.450	ug/L #	76
12) 1,1-Dichloroethene	4.039	96	82442	27.192	ug/L	99
13) Acetone	4.125	43	53082	49.462	ug/L	99
14) Carbon disulfide	4.387	76	261104	25.878	ug/L	98
15) Methyl Acetate	4.673	43	43033	24.074	ug/L	100
16) Methylene chloride	4.917	84	99257	21.394	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	87157	26.676	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	134182	24.919	ug/L	97
19) 1,1-Dichloroethane	6.216	63	189690	27.528	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	94400	26.636	ug/L	96
22) 2-Butanone	7.173	43	64732	47.075	ug/L	98
23) Bromochloromethane	7.514	128	40078	26.638	ug/L	92
25) Chloroform	7.673	83	180990	27.878	ug/L	98

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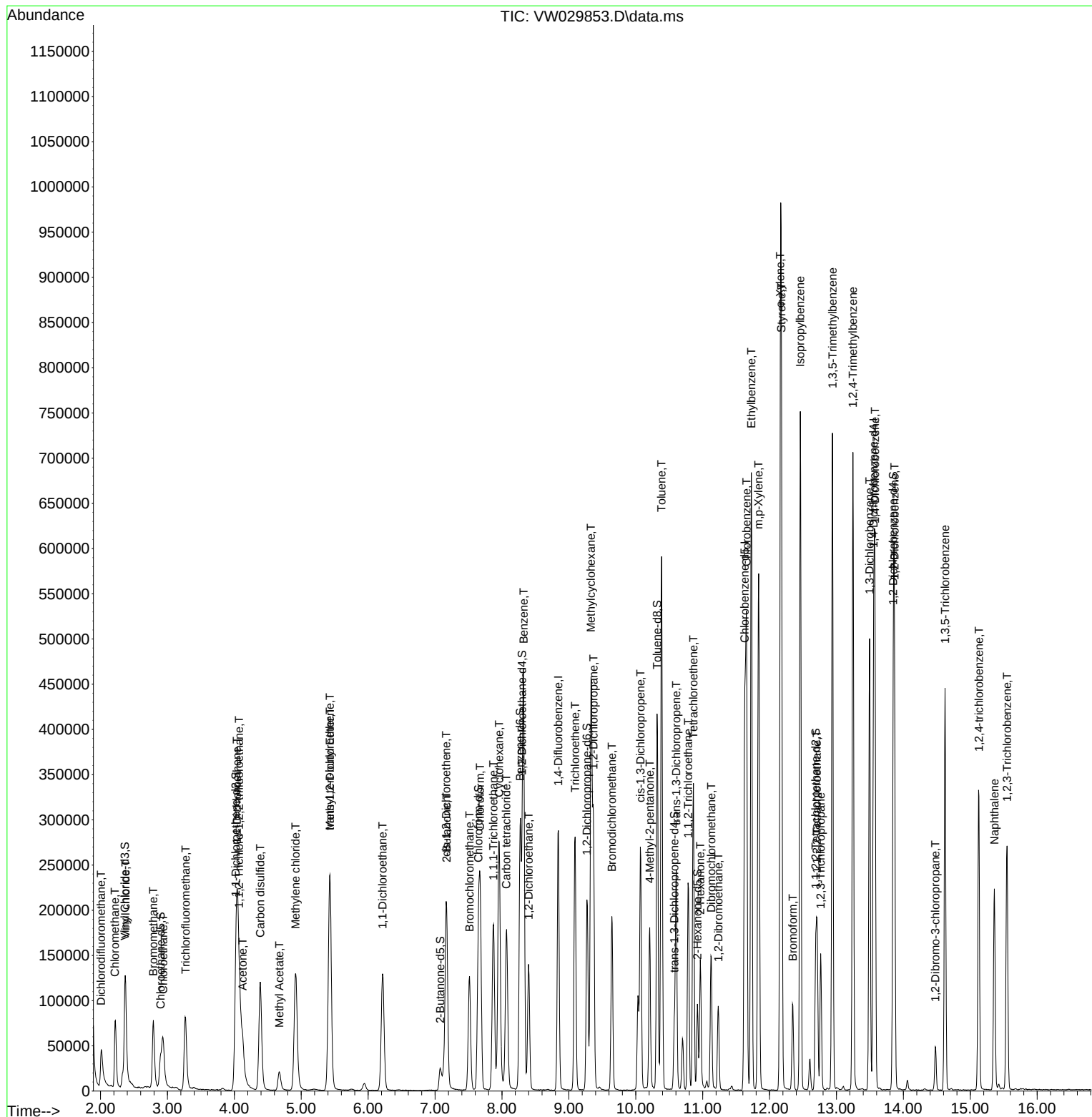
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126260	26.686	ug/L	99
29) Cyclohexane	7.959	56	153479	26.139	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	146279	27.957	ug/L	98
31) Carbon tetrachloride	8.063	117	132415	28.086	ug/L	98
33) Benzene	8.325	78	393839	27.820	ug/L	100
34) Trichloroethene	9.093	95	101382	27.318	ug/L	92
35) Methylcyclohexane	9.331	83	167914	27.153	ug/L	97
37) 1,2-Dichloropropane	9.368	63	106894	27.553	ug/L	100
38) Bromodichloromethane	9.642	83	125818	27.234	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	150975	26.722	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	121301	49.225	ug/L	99
42) Toluene	10.386	91	407912	28.229	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	126673	27.008	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	69371	26.617	ug/L	94
46) Tetrachloroethene	10.861	164	70295	26.061	ug/L	93
48) 2-Hexanone	10.965	43	94046	50.958	ug/L	98
49) Dibromochloromethane	11.130	129	77084	28.490	ug/L	98
50) 1,2-Dibromoethane	11.233	107	63051	26.146	ug/L	95
51) Chlorobenzene	11.654	112	248136	27.606	ug/L	98
52) Ethylbenzene	11.727	91	456101	27.981	ug/L	97
53) m,p-Xylene	11.837	106	171589	28.623	ug/L	86
54) o-Xylene	12.160	106	158104	28.640	ug/L	95
55) Styrene	12.178	104	277730	29.024	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	82439	25.771	ug/L	98
59) Bromoform	12.349	173	41436	26.811	ug/L	98
60) Isopropylbenzene	12.459	105	447380	28.148	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61587	24.654	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	360450	30.511	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	359498	28.454	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	186519	27.506	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	187304	26.890	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	163324	26.455	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.477	75	13479	23.764	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	122238	26.347	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	97000	24.816	ug/L	91
71) Naphthalene	15.361	128	176382	23.650	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	84014	23.748	ug/L	97

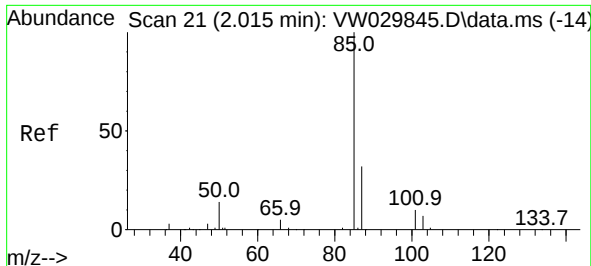
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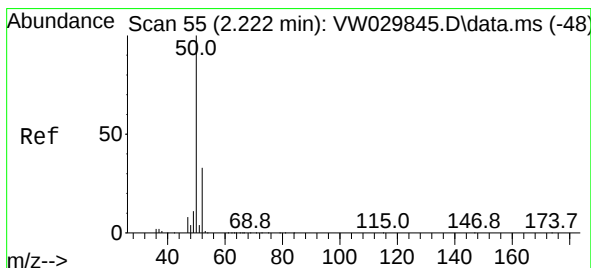
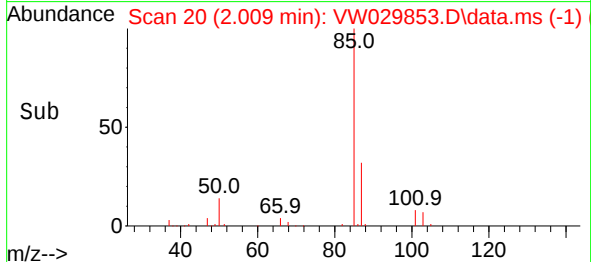
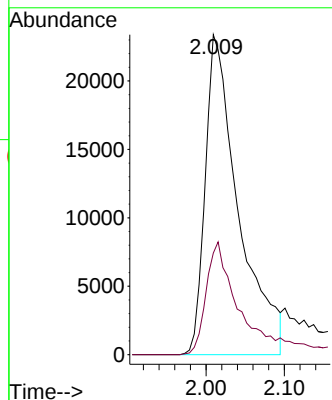
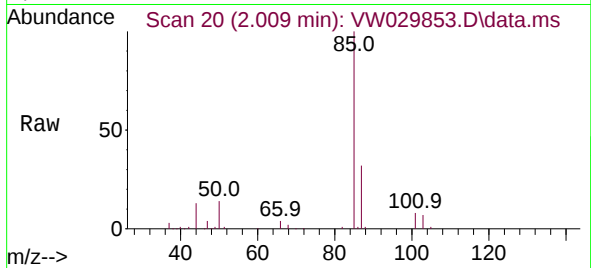




#2
Dichlorodifluoromethane
Concen: 23.015 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

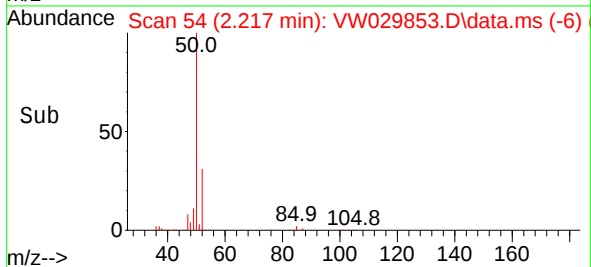
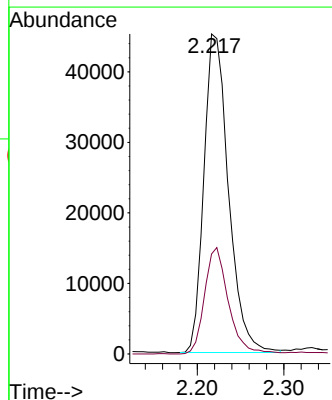
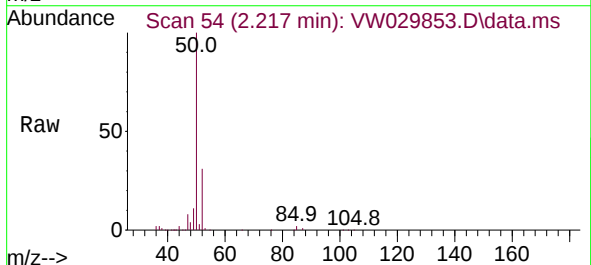
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MSVOA_W
ClientSampleId :

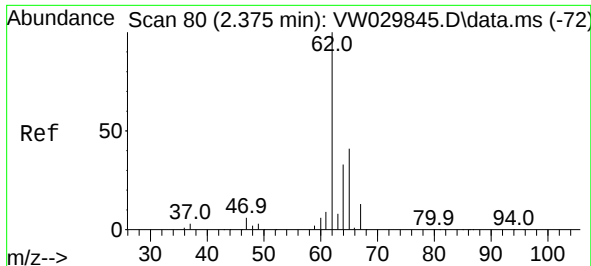
Tgt Ion: 85 Resp: 68851
Ion Ratio Lower Upper
85 100
87 32.8 25.5 38.3



#3
Chloromethane
Concen: 24.114 ug/L
RT: 2.217 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion: 50 Resp: 89266
Ion Ratio Lower Upper
50 100
52 31.2 22.5 41.9

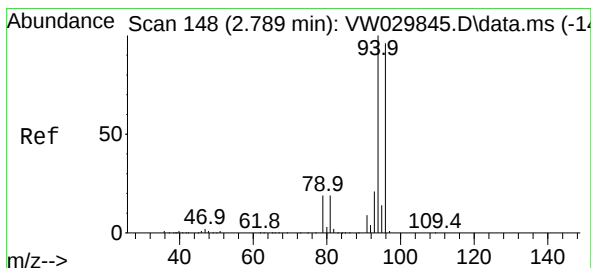
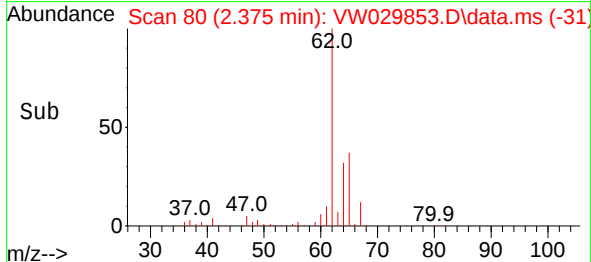
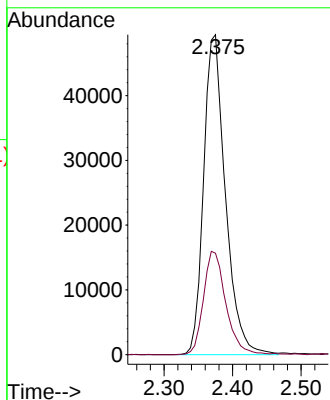
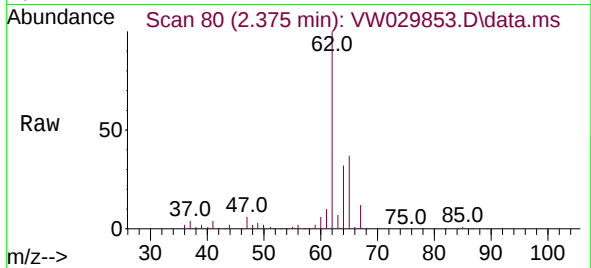




#5
 Vinyl chloride
 Concen: 26.314 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029853.D
 Acq: 08 Aug 2024 09:08

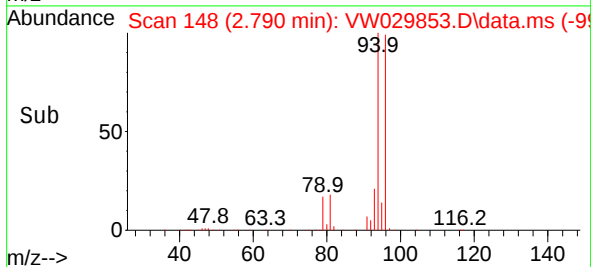
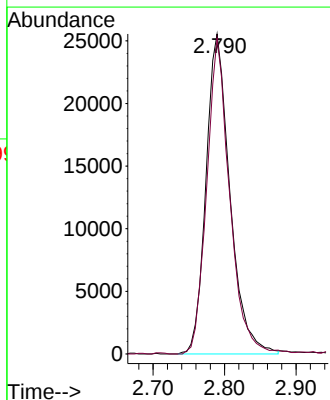
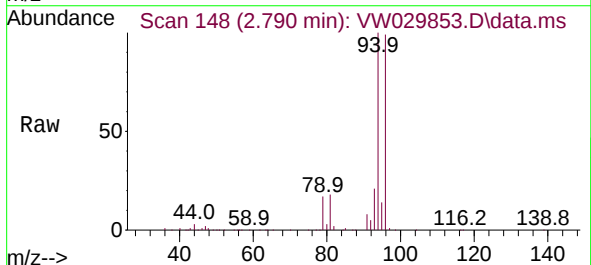
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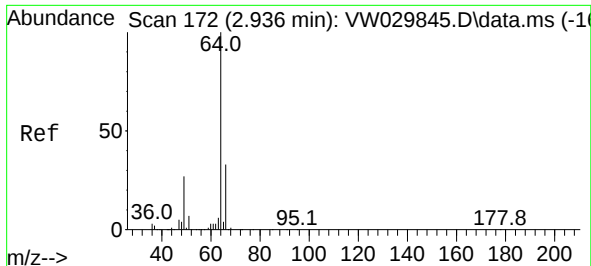
Tgt Ion: 62 Resp: 109146
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.2 43.2



#6
 Bromomethane
 Concen: 26.137 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029853.D
 Acq: 08 Aug 2024 09:08

Tgt Ion: 94 Resp: 59529
 Ion Ratio Lower Upper
 94 100
 96 98.7 66.2 123.0

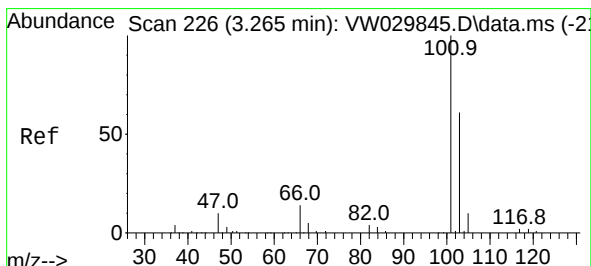
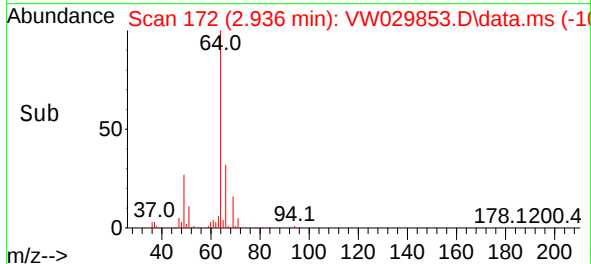
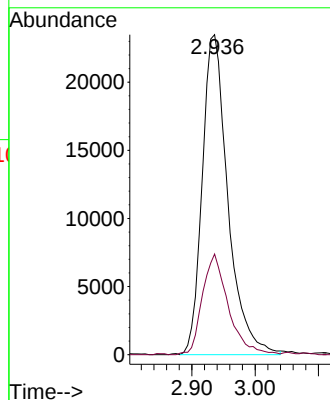
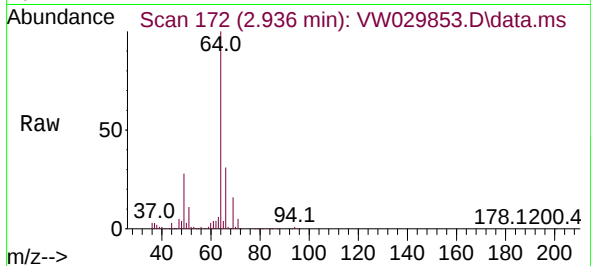




#8
Chloroethane
Concen: 28.133 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

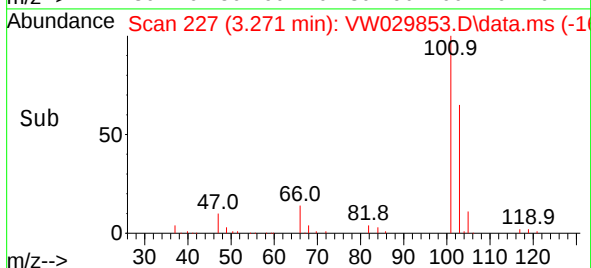
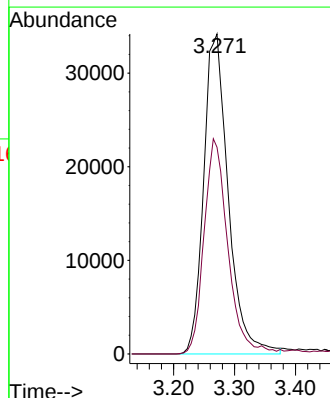
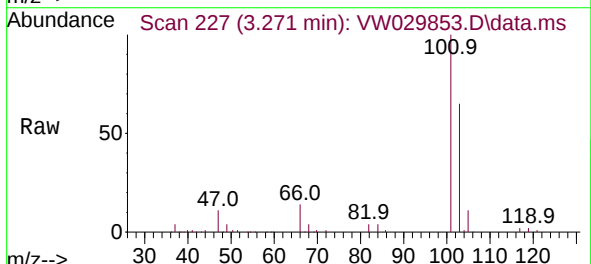
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MSVOA_W
ClientSampleId :

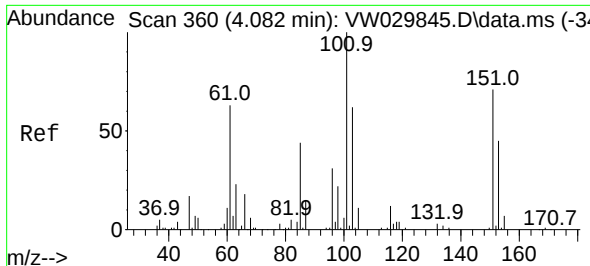
Tgt Ion: 64 Resp: 66382
Ion Ratio Lower Upper
64 100
66 31.5 21.2 39.4



#9
Trichlorofluoromethane
Concen: 28.988 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion: 101 Resp: 96040
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4





#10

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

Concen: 27.450 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.012 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

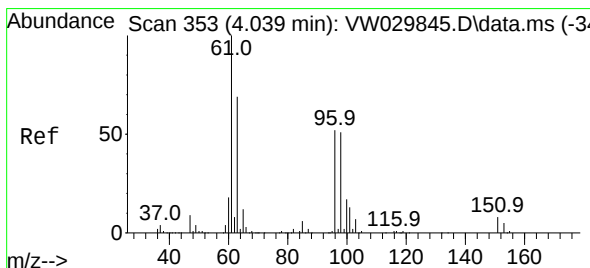
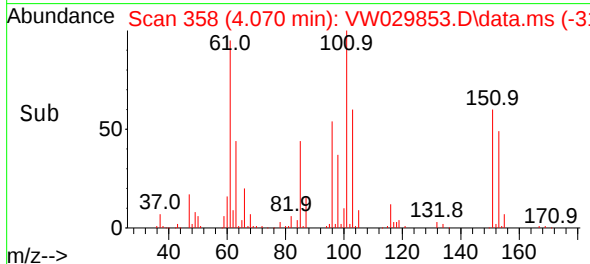
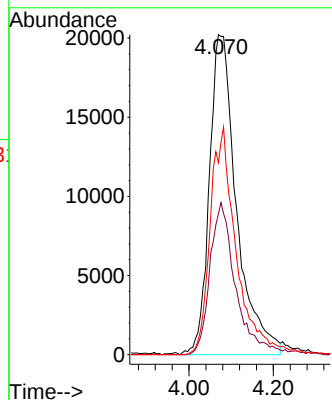
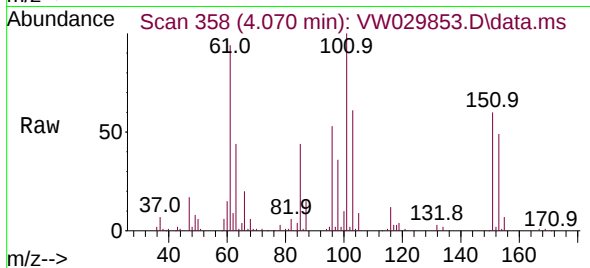
Tgt Ion:101 Resp: 90580

Ion Ratio Lower Upper

101 100

85 41.6 34.2 51.4

151 37.3 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 27.192 ug/L

RT: 4.039 min Scan# 353

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

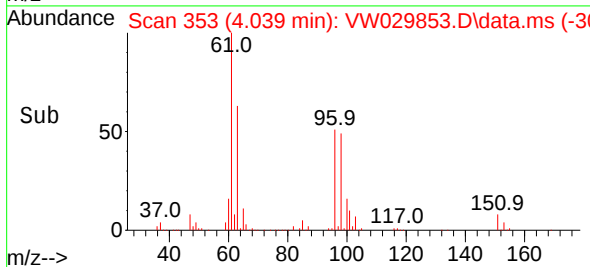
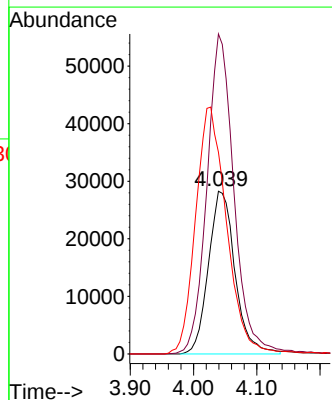
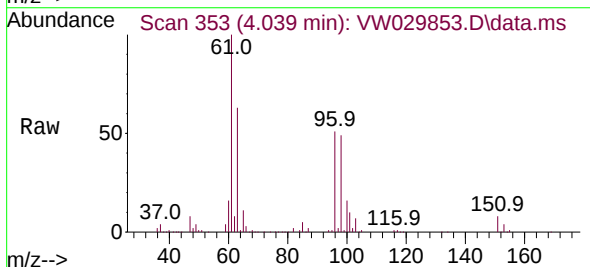
Tgt Ion: 96 Resp: 82442

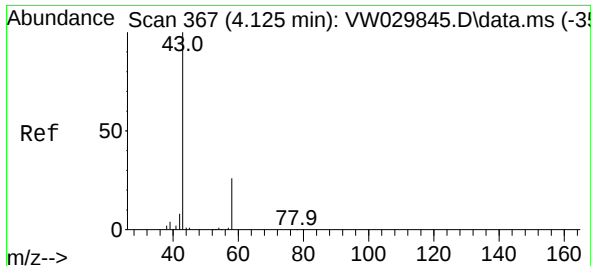
Ion Ratio Lower Upper

96 100

61 196.7 138.3 256.9

63 124.0 89.0 165.4

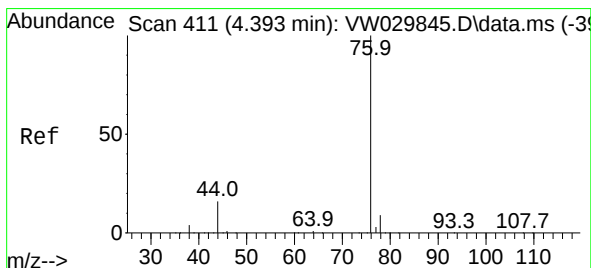
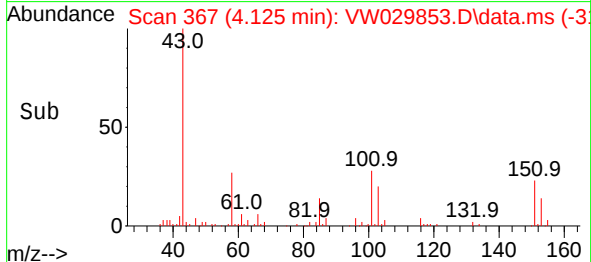
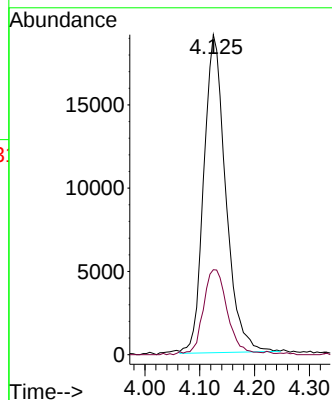
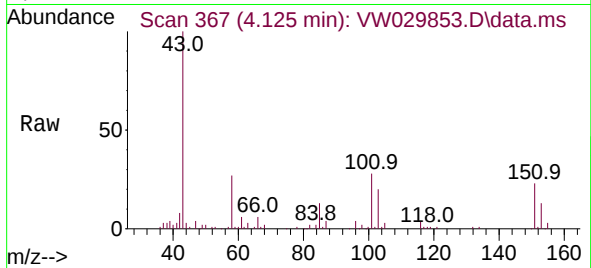




#13
Acetone
Concen: 49.462 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

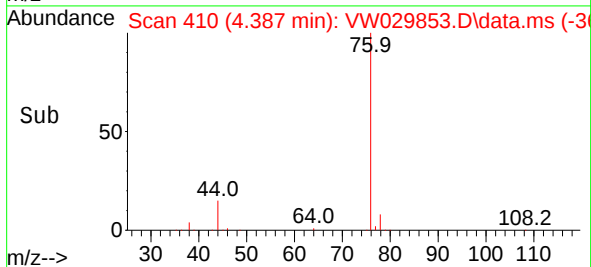
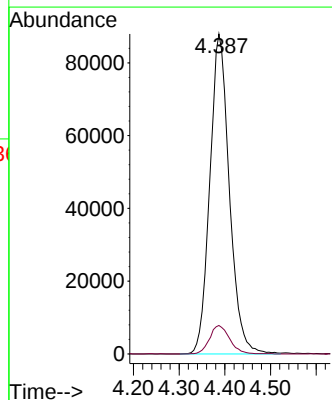
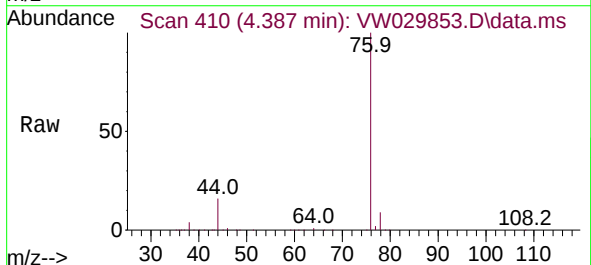
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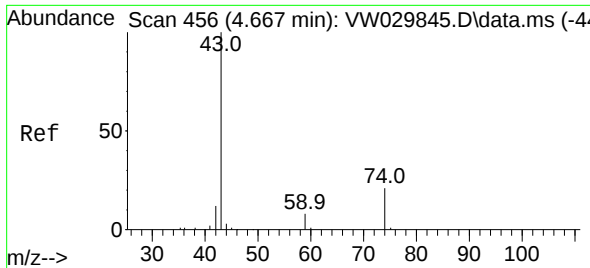
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Ion Ratio Lower Upper
43 100
58 29.2 0.0 57.6



#14
Carbon disulfide
Concen: 25.878 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion: 76 Resp: 261104
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

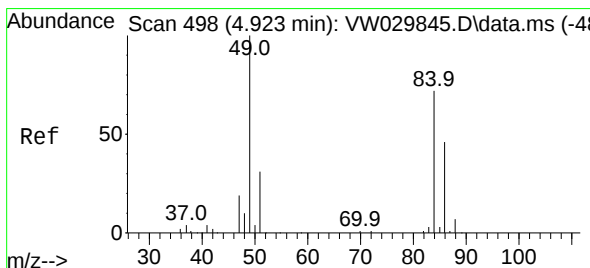
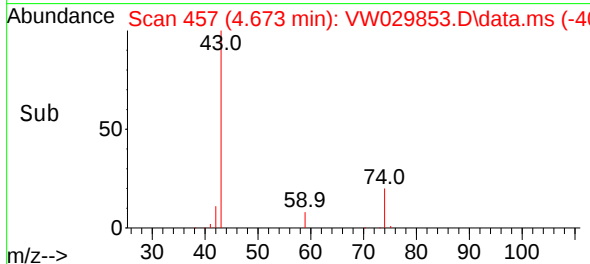
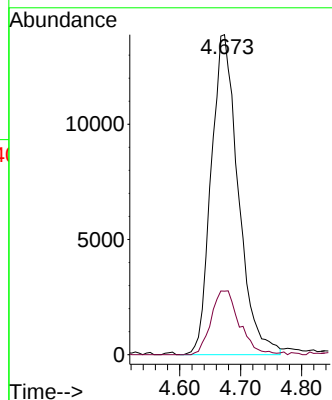
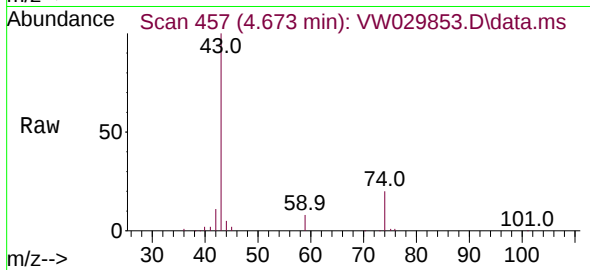




#15
Methyl Acetate
Concen: 24.074 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

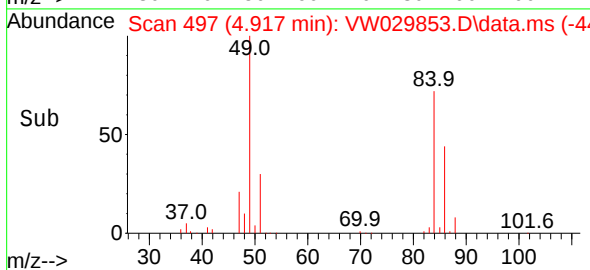
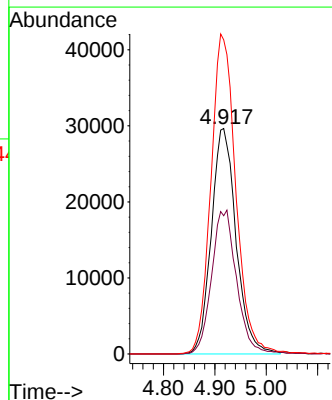
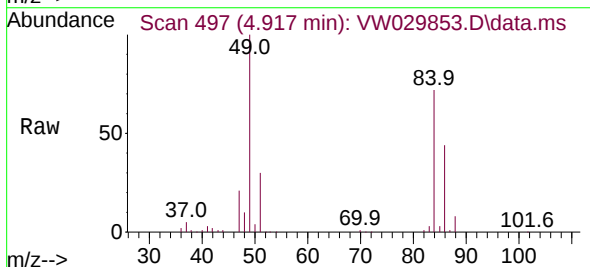
Instrument :
MSVOA_W
ClientSampleId :

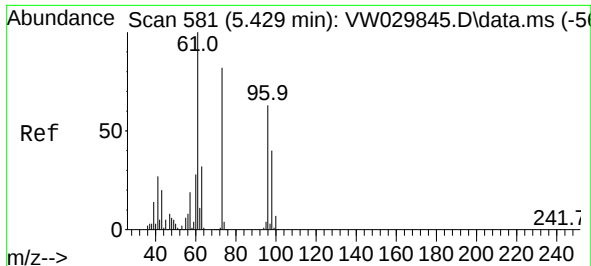
Tgt Ion: 43 Resp: 43033
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7



#16
Methylene chloride
Concen: 21.394 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion: 84 Resp: 99257
Ion Ratio Lower Upper
84 100
86 61.3 44.7 82.9
49 139.3 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 26.676 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

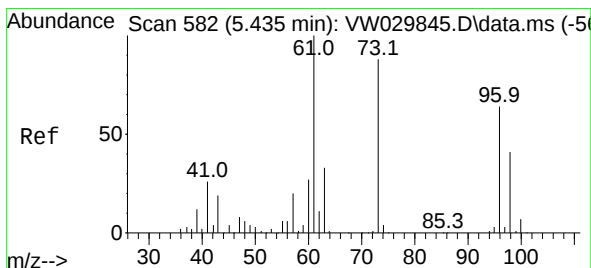
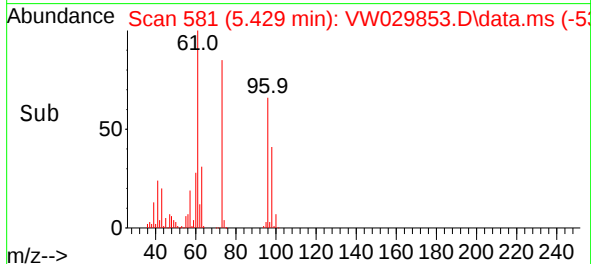
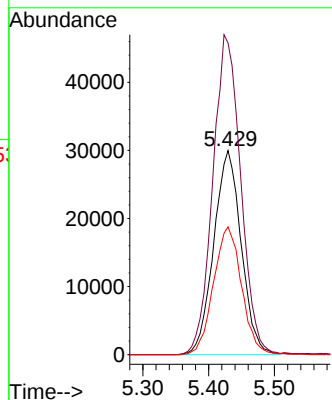
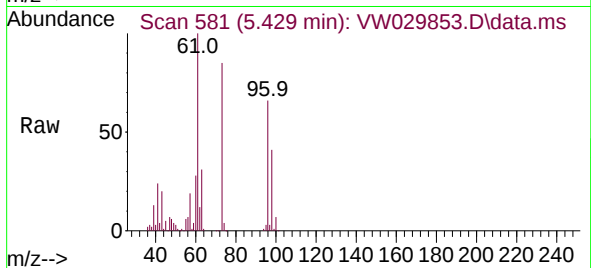
Tgt Ion: 96 Resp: 87157

Ion Ratio Lower Upper

96 100

61 152.6 111.2 206.6

98 62.6 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 24.919 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

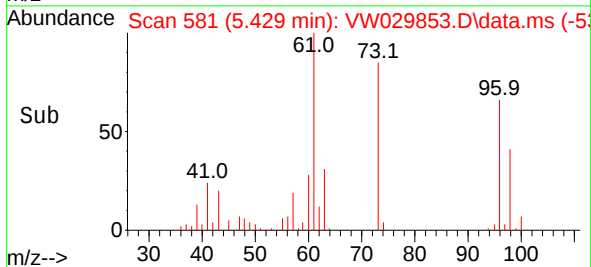
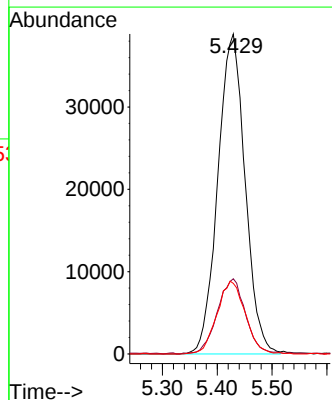
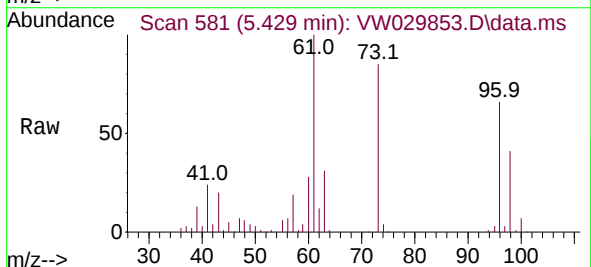
Tgt Ion: 73 Resp: 134182

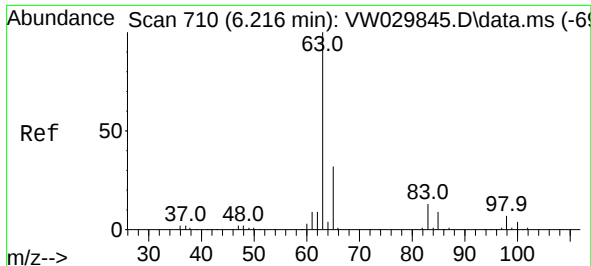
Ion Ratio Lower Upper

73 100

43 24.3 18.3 27.5

57 23.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 27.528 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

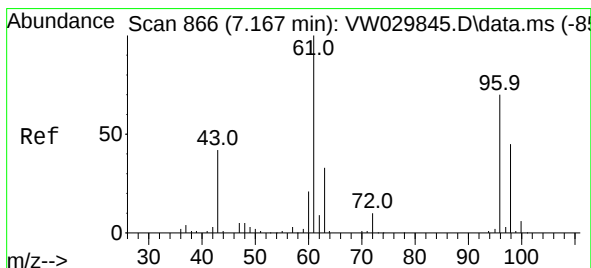
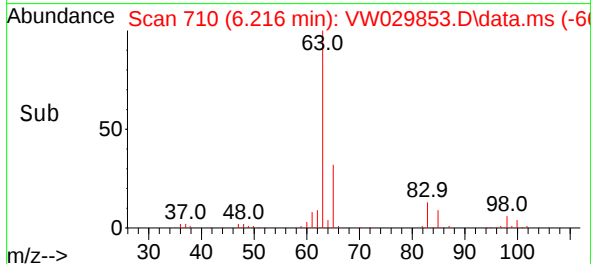
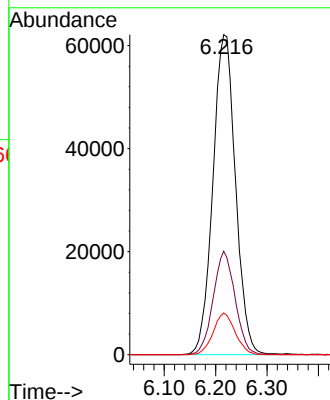
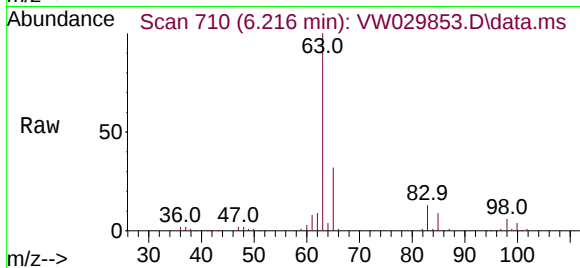
Tgt Ion: 63 Resp: 189690

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.3

83 13.0 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 26.636 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

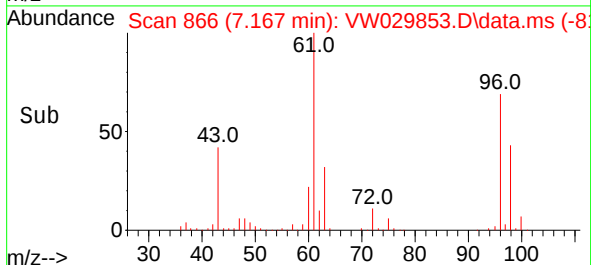
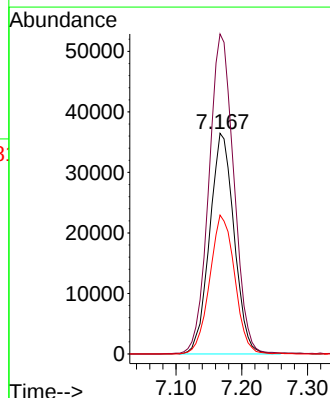
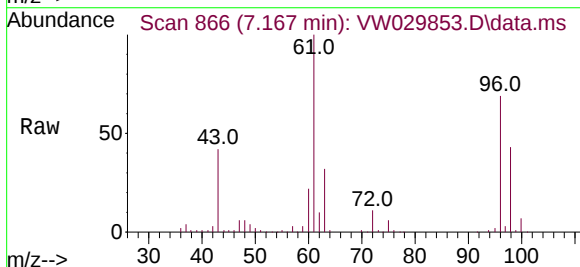
Tgt Ion: 96 Resp: 94400

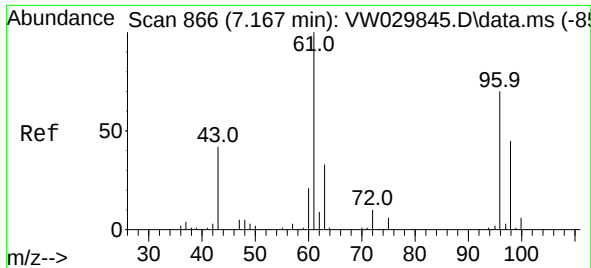
Ion Ratio Lower Upper

96 100

61 145.1 98.2 182.4

98 63.0 41.9 77.9





#22

2-Butanone

Concen: 47.075 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

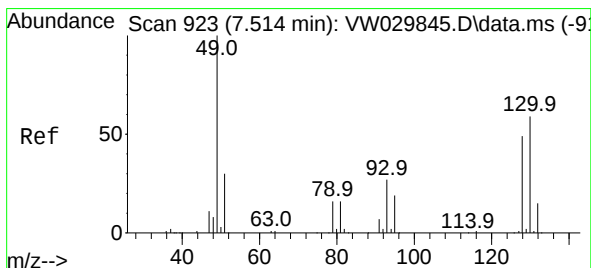
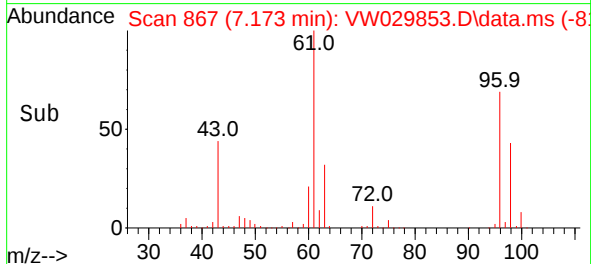
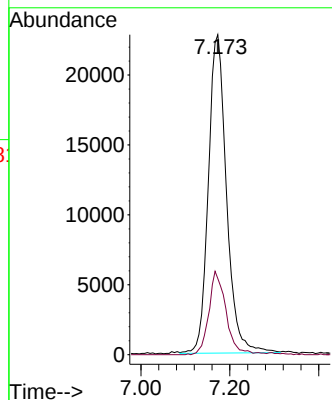
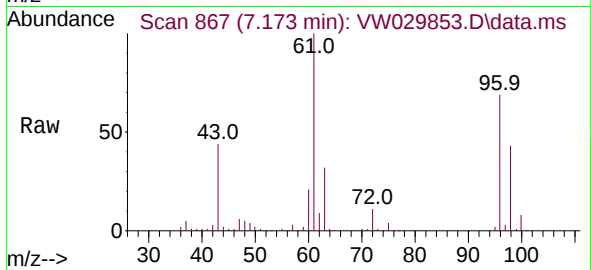
ClientSampleId :

Tgt Ion: 43 Resp: 64732

Ion Ratio Lower Upper

43 100

72 24.5 11.7 35.1



#23

Bromochloromethane

Concen: 26.638 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Tgt Ion: 128 Resp: 40078

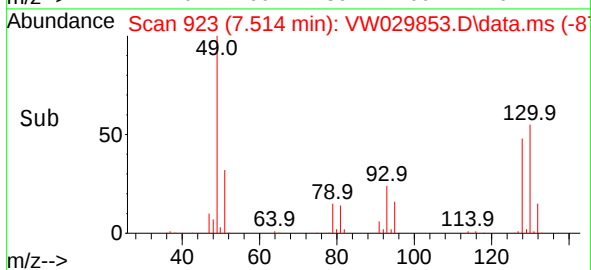
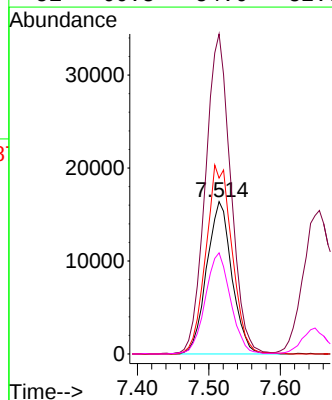
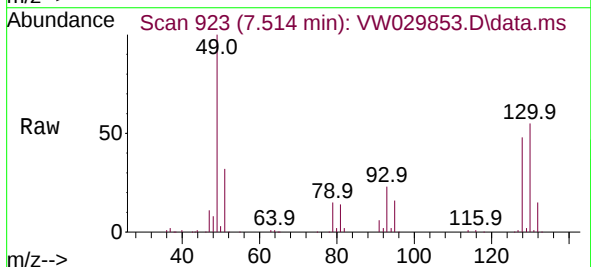
Ion Ratio Lower Upper

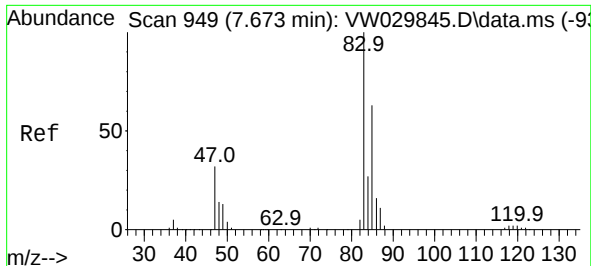
128 100

49 210.0 151.1 280.7

130 115.4 96.8 179.8

51 66.3 54.6 82.0





#25

Chloroform

Concen: 27.878 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

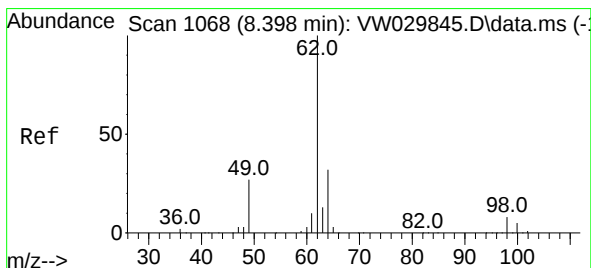
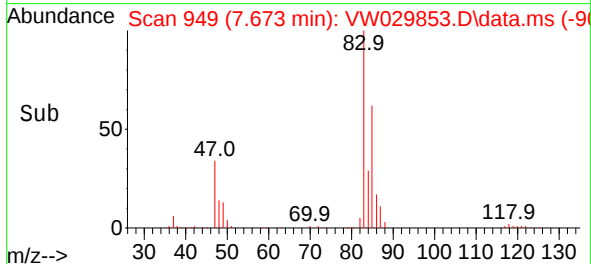
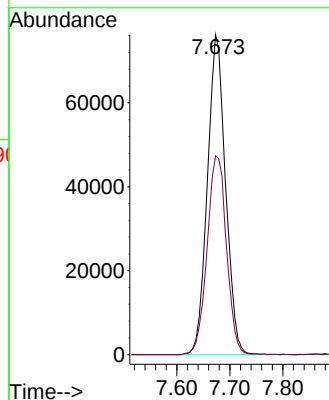
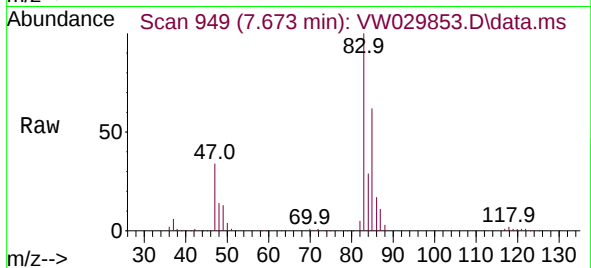
ClientSampleId :

Tgt Ion: 83 Resp: 180990

Ion Ratio Lower Upper

83 100

85 62.2 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.686 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029853.D

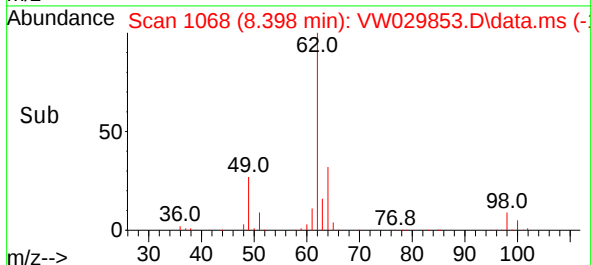
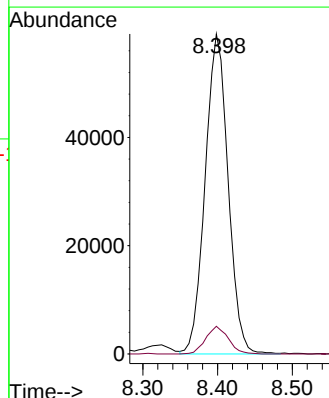
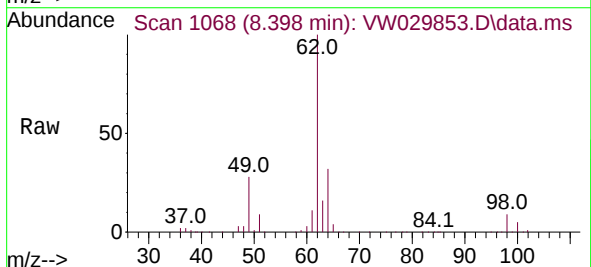
Acq: 08 Aug 2024 09:08

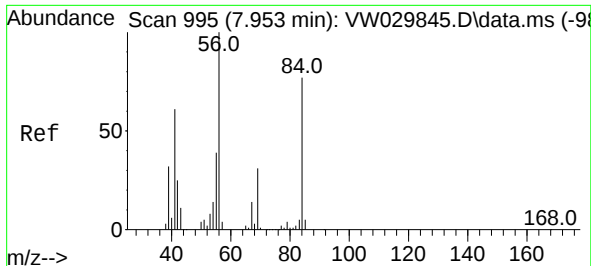
Tgt Ion: 62 Resp: 126260

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 26.139 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

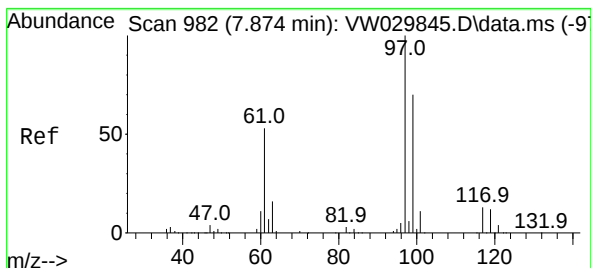
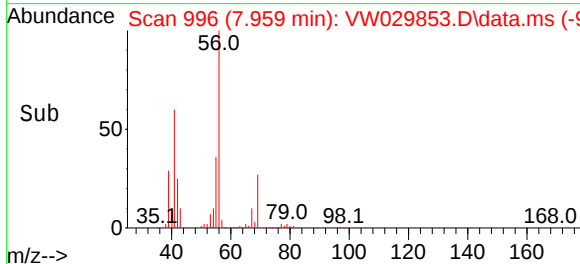
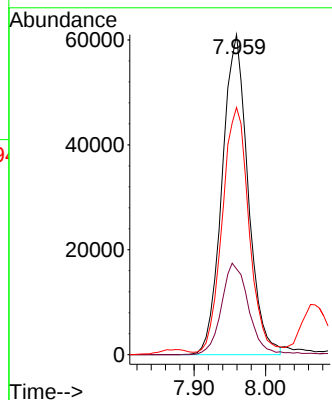
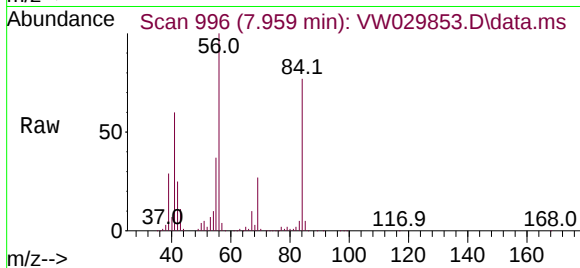
Tgt Ion: 56 Resp: 153479

Ion Ratio Lower Upper

56 100

69 29.8 23.0 34.4

84 79.6 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 27.957 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

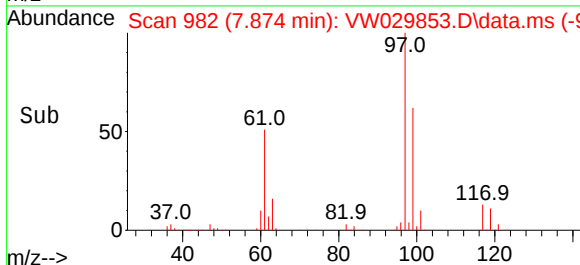
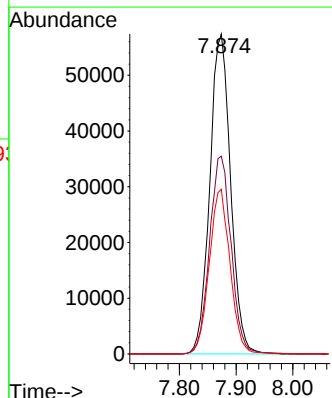
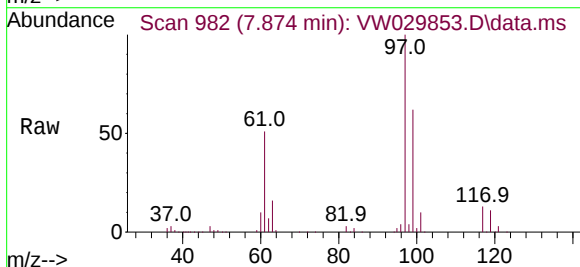
Tgt Ion: 97 Resp: 146279

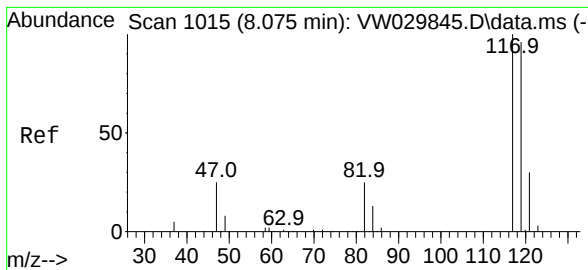
Ion Ratio Lower Upper

97 100

99 64.0 52.1 78.1

61 51.6 42.6 63.8

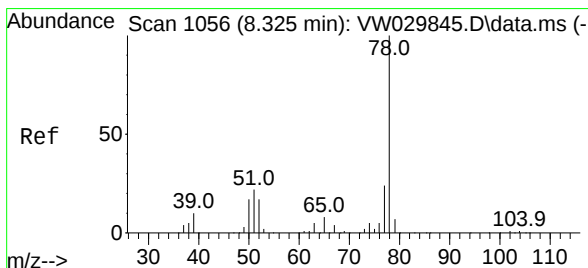
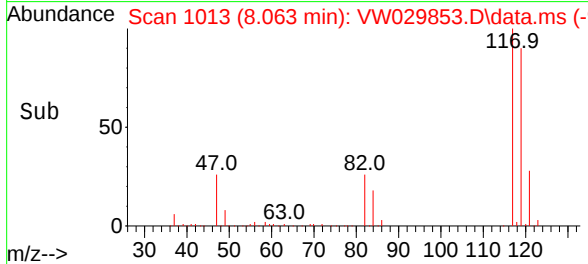
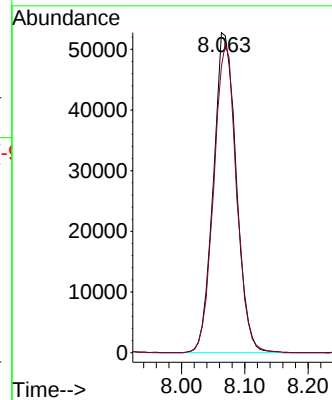
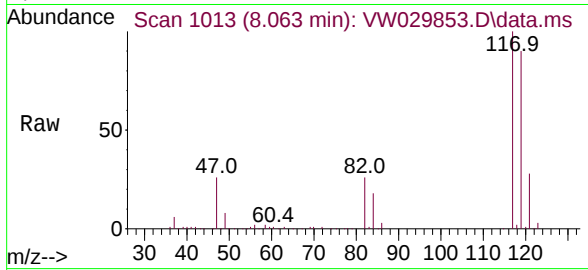




#31
Carbon tetrachloride
Concen: 28.086 ug/L
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

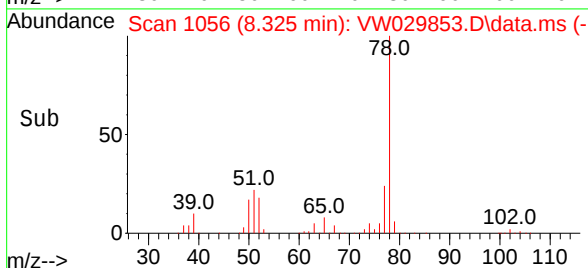
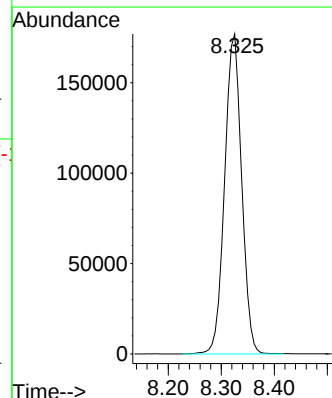
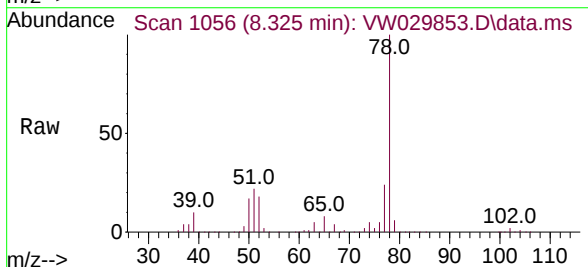
Instrument :
MSVOA_W
ClientSampleId :

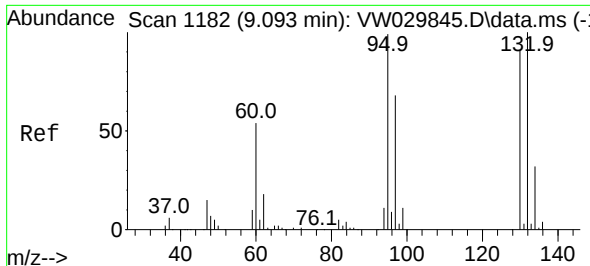
Tgt Ion:117 Resp: 132415
Ion Ratio Lower Upper
117 100
119 95.9 74.8 112.2



#33
Benzene
Concen: 27.820 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion: 78 Resp: 393839

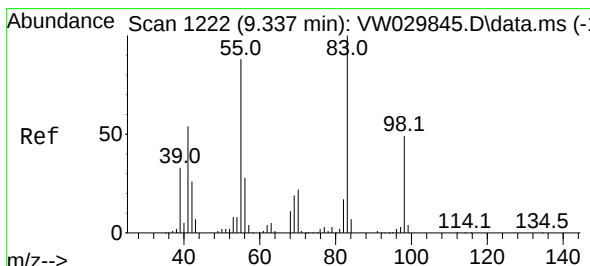
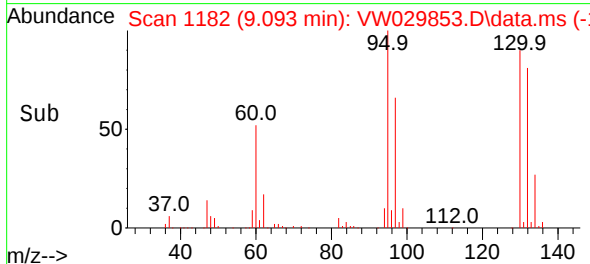
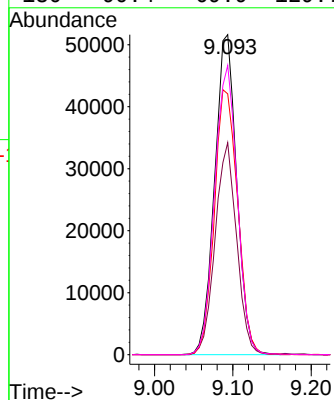
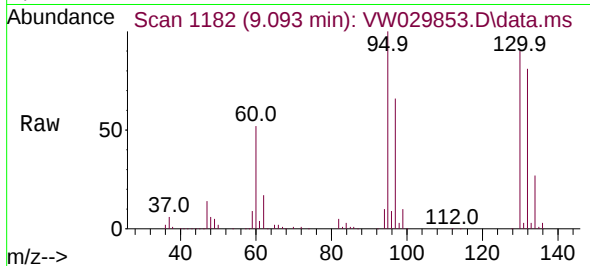




#34
Trichloroethene
Concen: 27.318 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

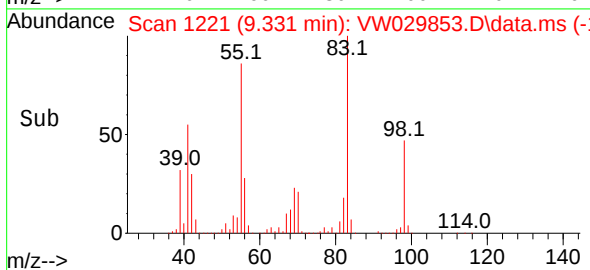
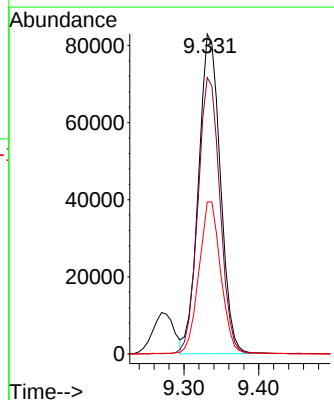
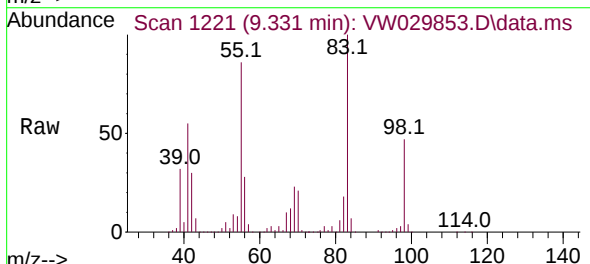
Instrument :
MSVOA_W
ClientSampleId :

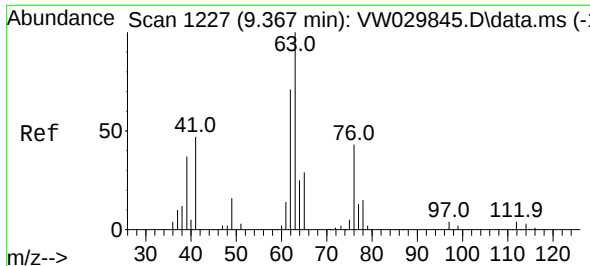
Tgt Ion: 95 Resp: 101382
Ion Ratio Lower Upper
95 100
97 66.2 45.6 84.8
132 81.5 65.2 121.0
130 90.4 69.9 129.7



#35
Methylcyclohexane
Concen: 27.153 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion: 83 Resp: 167914
Ion Ratio Lower Upper
83 100
55 87.2 67.4 101.2
98 47.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 27.553 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

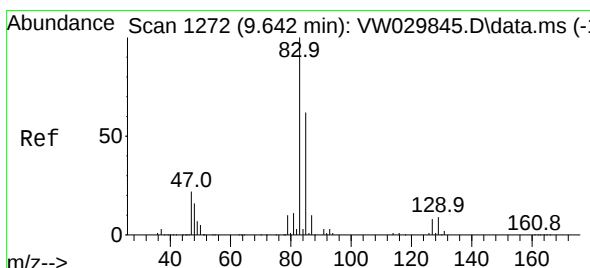
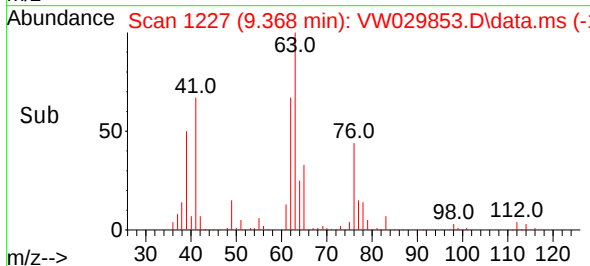
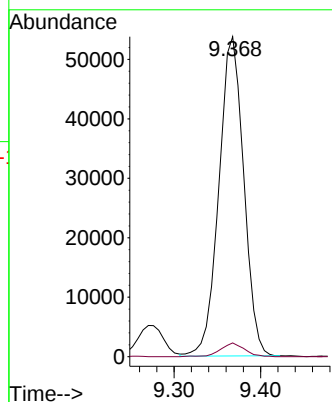
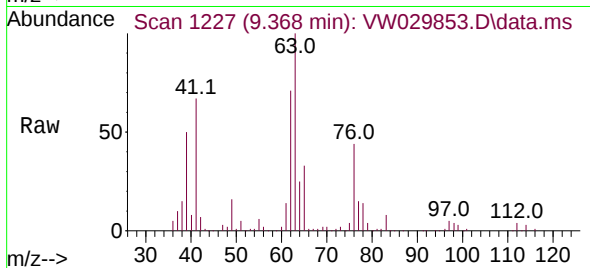
ClientSampleId :

Tgt Ion: 63 Resp: 106894

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 27.234 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

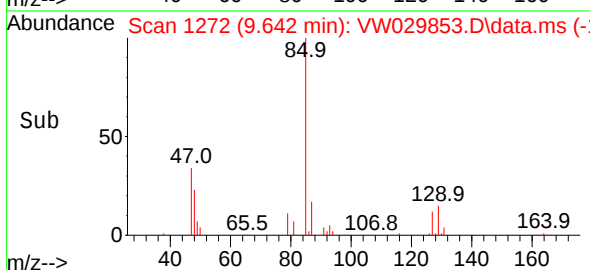
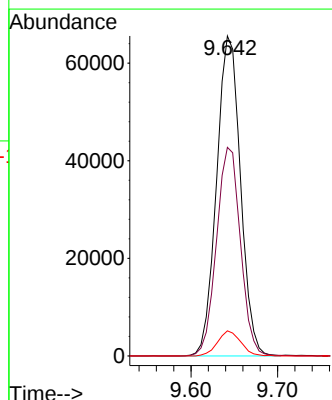
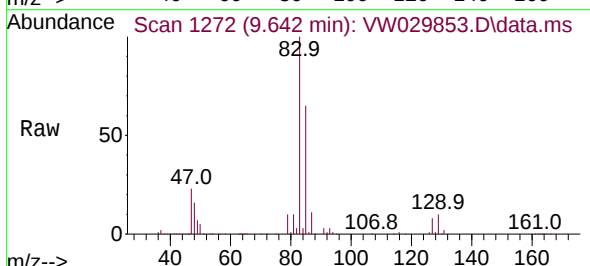
Tgt Ion: 83 Resp: 125818

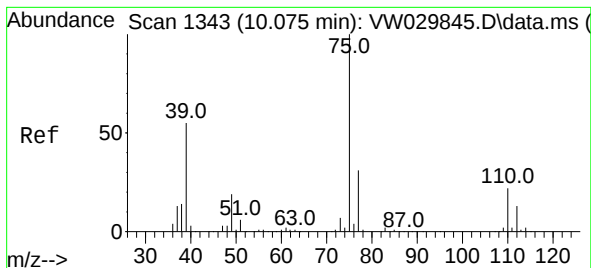
Ion Ratio Lower Upper

83 100

85 65.2 46.6 86.6

127 7.9 5.9 8.9

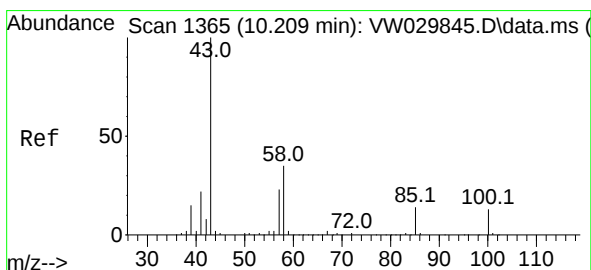
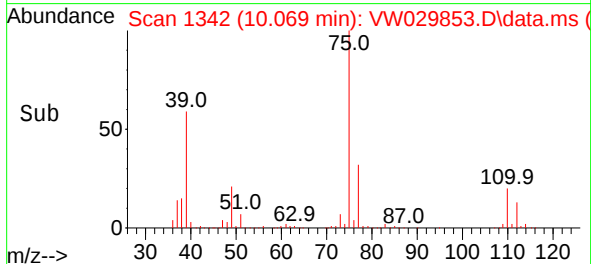
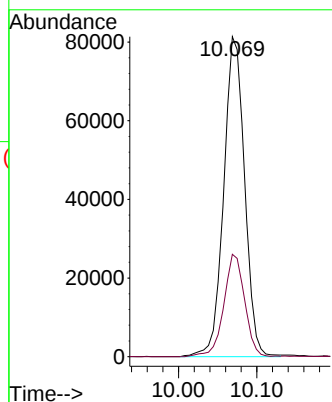
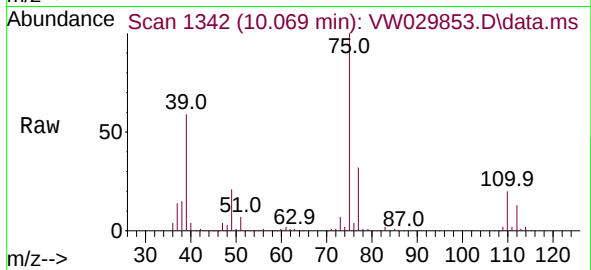




#39
cis-1,3-Dichloropropene
Concen: 26.722 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

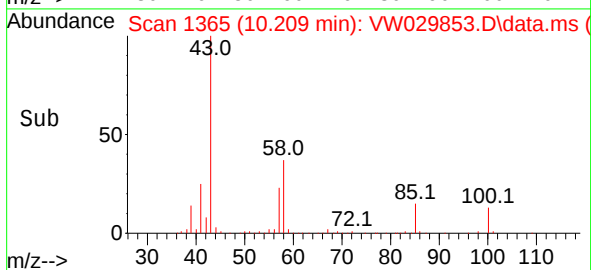
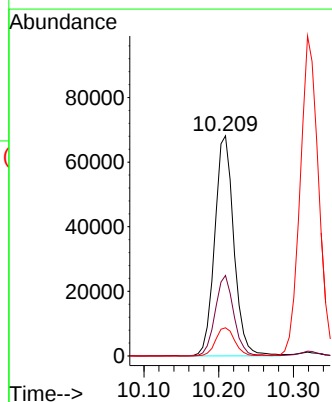
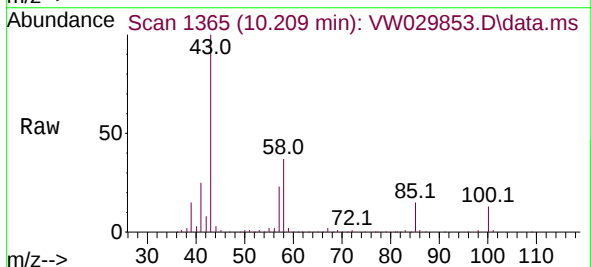
Instrument :
MSVOA_W
ClientSampleId :

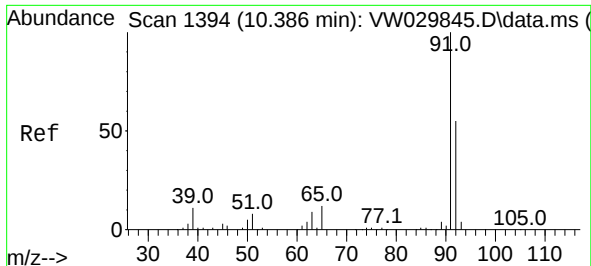
Tgt Ion: 75 Resp: 150975
Ion Ratio Lower Upper
75 100
77 32.0 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 49.225 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion: 43 Resp: 121301
Ion Ratio Lower Upper
43 100
58 35.6 28.7 43.1
100 12.9 10.0 15.0

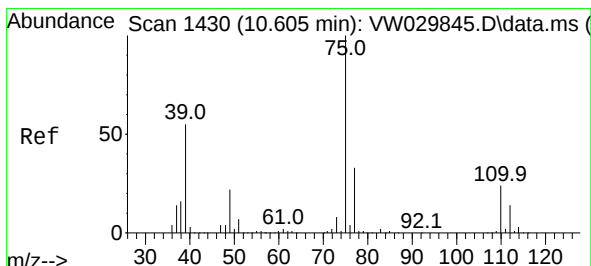
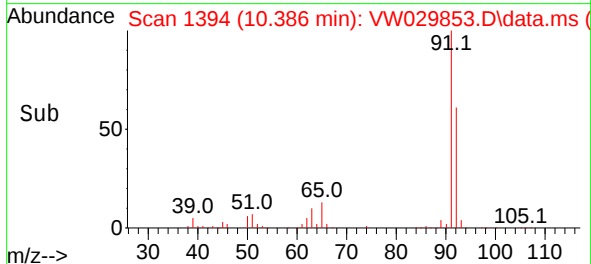
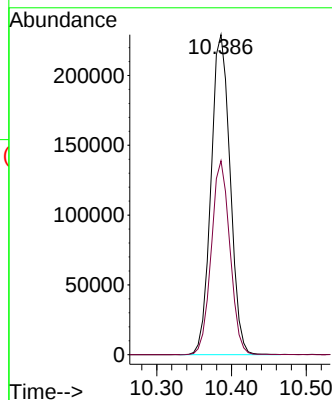
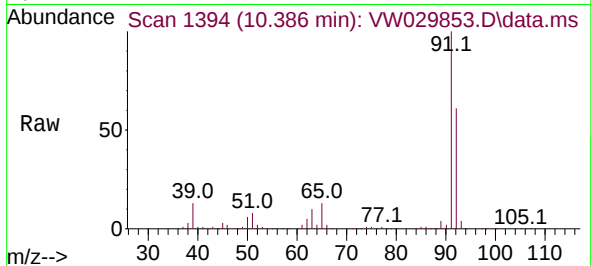




#42
Toluene
Concen: 28.229 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

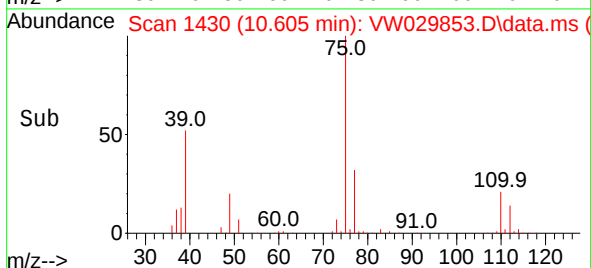
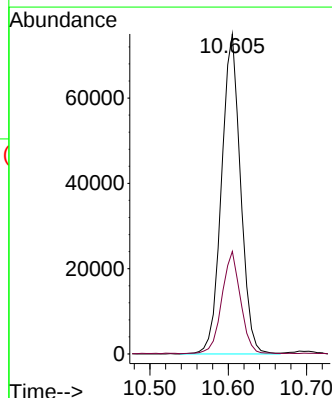
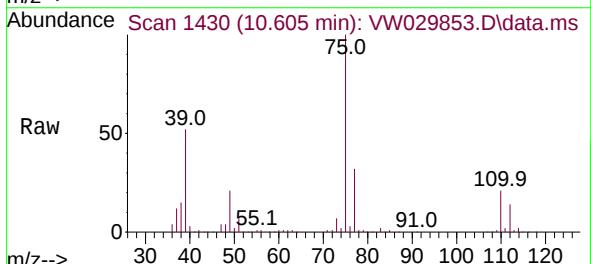
Instrument :
MSVOA_W
ClientSampleId :

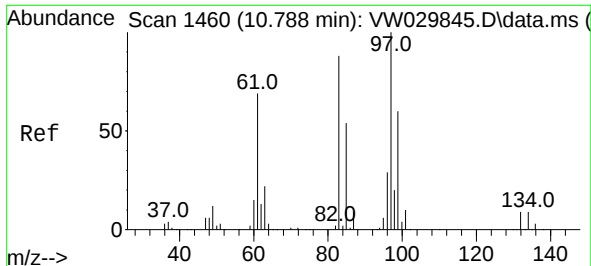
Tgt Ion: 91 Resp: 407912
Ion Ratio Lower Upper
91 100
92 60.6 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 27.008 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion: 75 Resp: 126673
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 26.617 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 69371

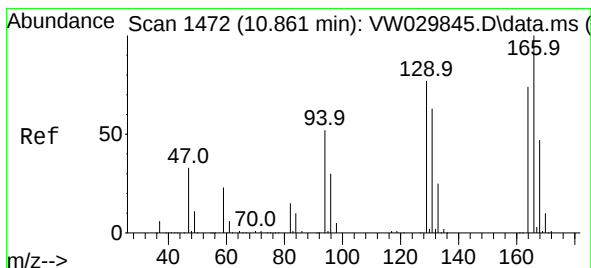
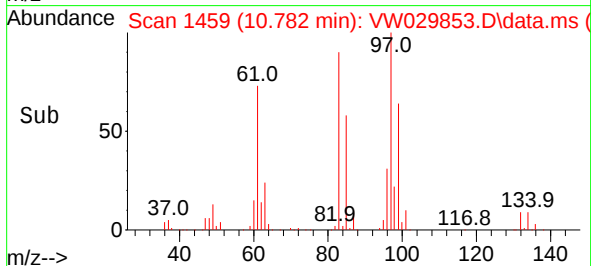
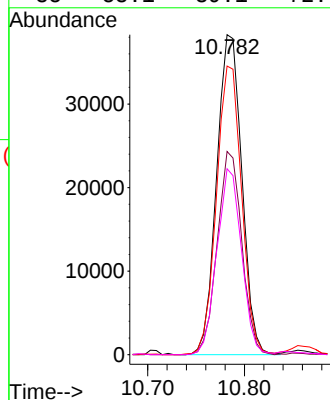
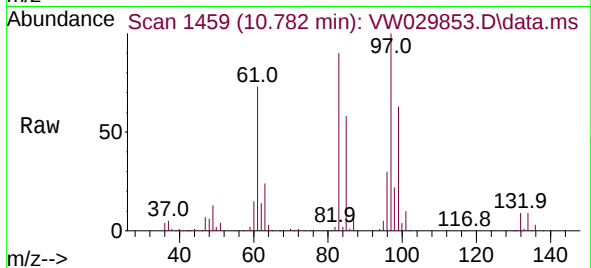
Ion Ratio Lower Upper

97 100

99 63.5 40.1 74.5

83 90.2 58.5 108.7

85 58.1 39.1 72.7



#46

Tetrachloroethene

Concen: 26.061 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Tgt Ion:164 Resp: 70295

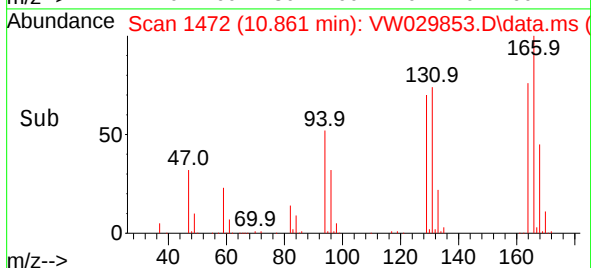
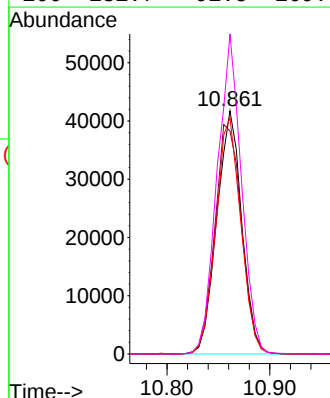
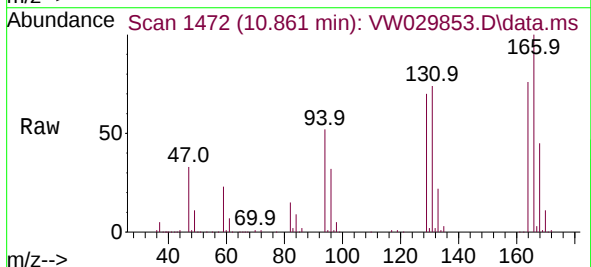
Ion Ratio Lower Upper

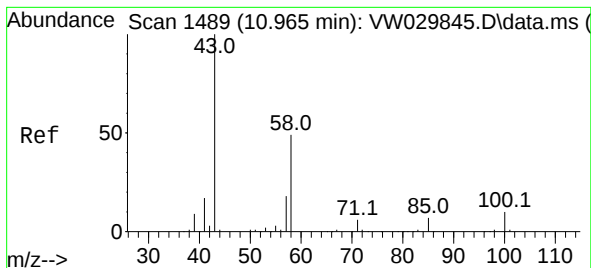
164 100

129 91.8 77.8 144.6

131 97.4 70.9 131.7

166 131.7 91.5 169.9

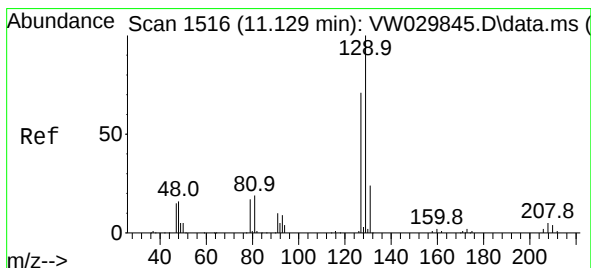
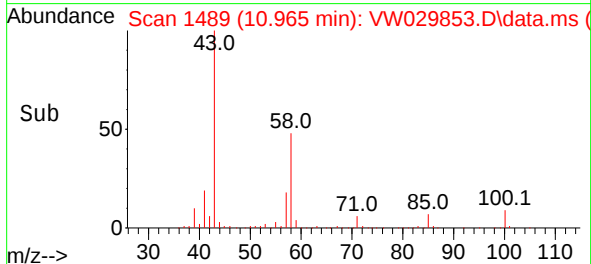
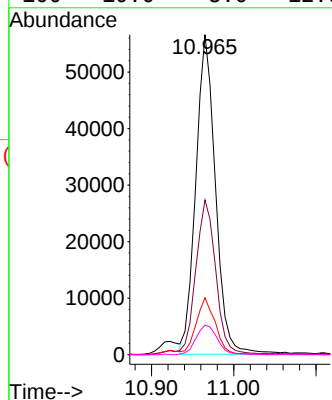
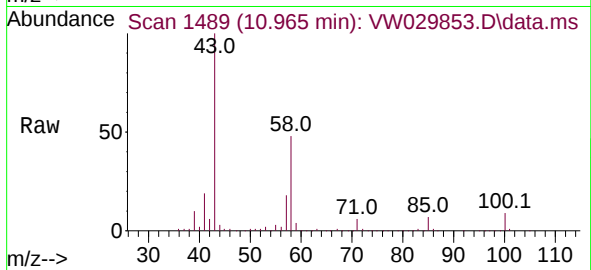




#48
2-Hexanone
Concen: 50.958 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

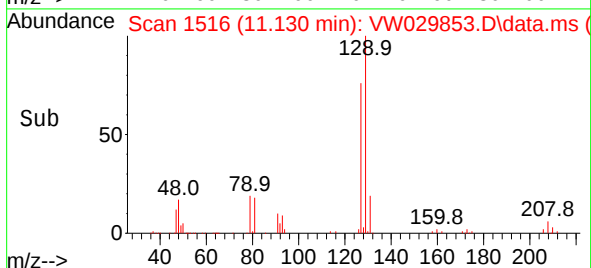
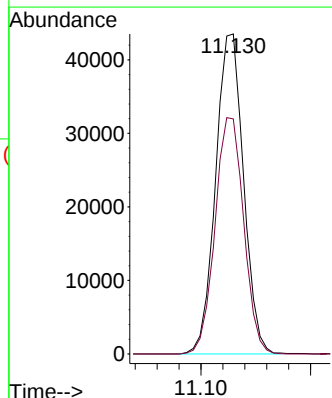
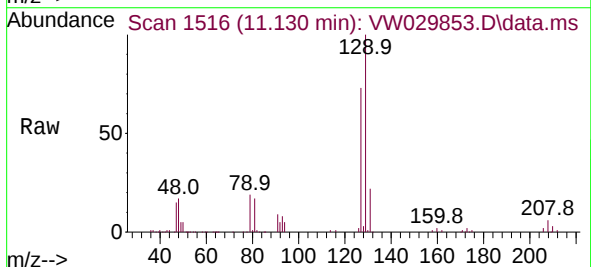
Instrument :
MSVOA_W
ClientSampleId :

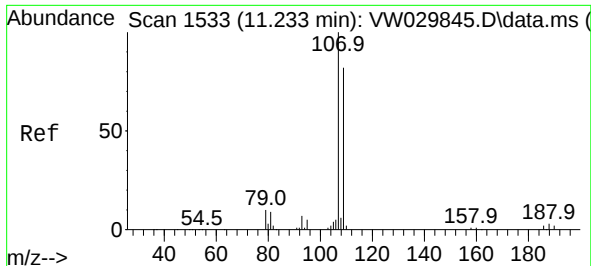
Tgt Ion:	43	Resp:	94046
Ion	Ratio	Lower	Upper
43	100		
58	49.1	41.0	61.4
57	17.0	14.1	21.1
100	10.0	8.0	12.0



#49
Dibromochloromethane
Concen: 28.490 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion:	129	Resp:	77084
Ion	Ratio	Lower	Upper
129	100		
127	73.5	52.4	97.2





#50

1,2-Dibromoethane

Concen: 26.146 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029853.D

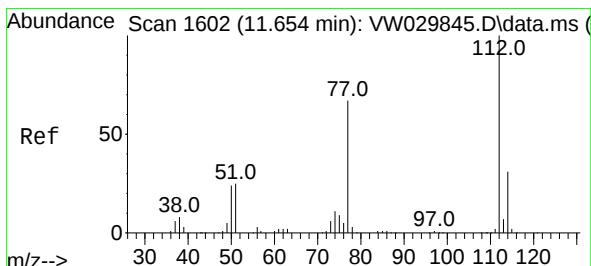
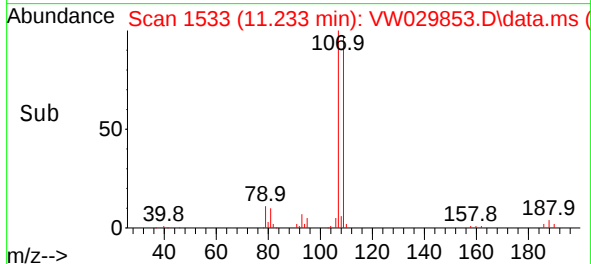
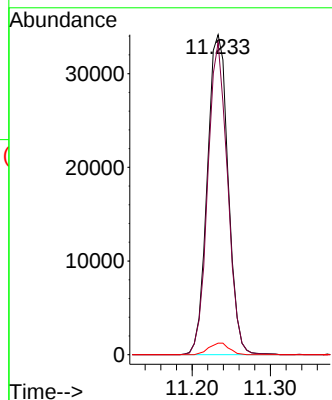
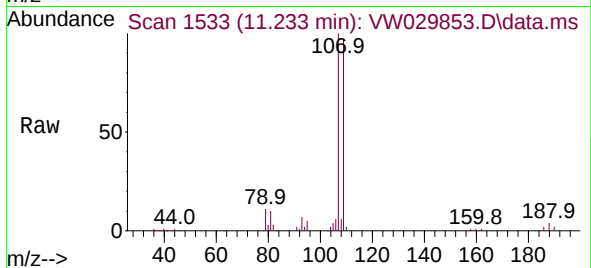
Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	63051
Ion	Ratio	Lower	Upper
107	100		
109	97.5	64.8	120.3
188	3.6	2.7	4.1



#51

Chlorobenzene

Concen: 27.606 ug/L

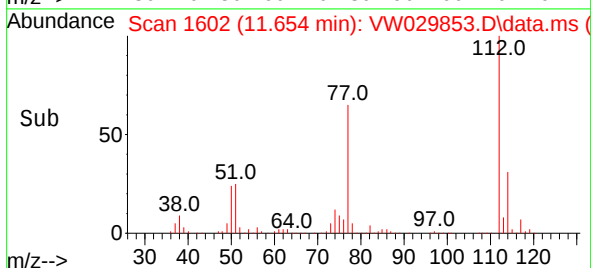
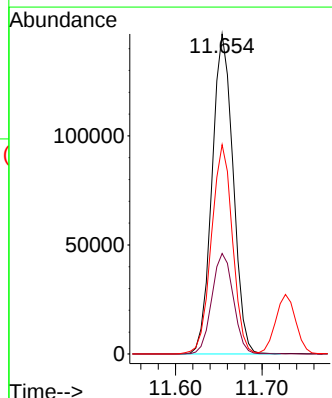
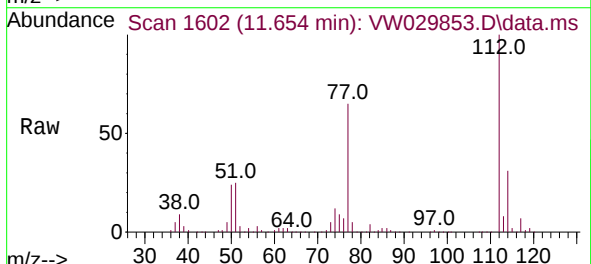
RT: 11.654 min Scan# 1602

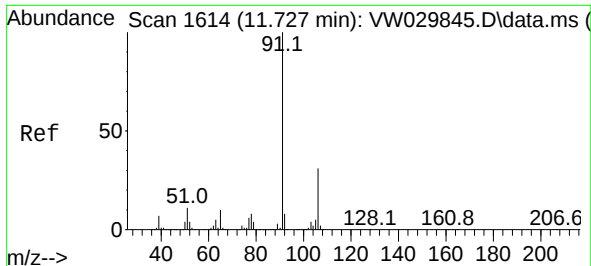
Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Tgt Ion:	112	Resp:	248136
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	65.4	53.8	80.8





#52

Ethylbenzene

Concen: 27.981 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

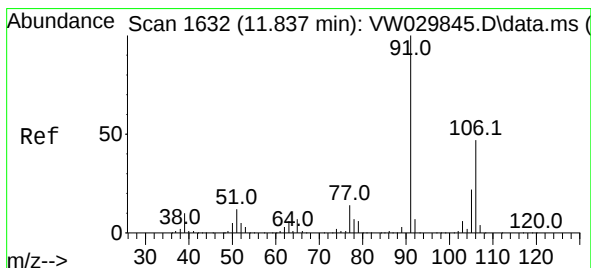
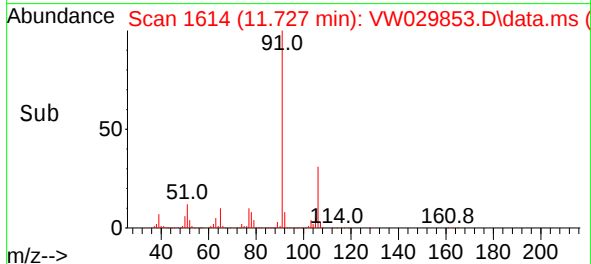
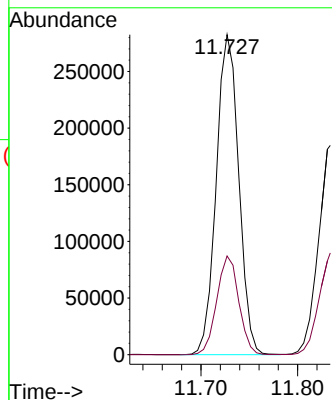
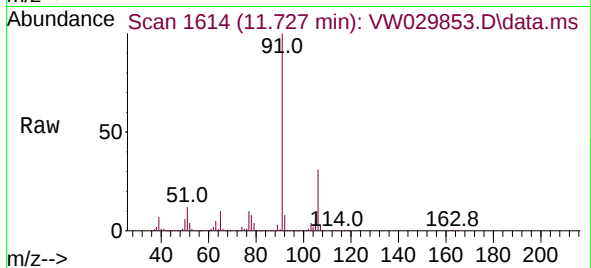
ClientSampleId :

Tgt Ion: 91 Resp: 456101

Ion Ratio Lower Upper

91 100

106 30.9 20.4 38.0



#53

m,p-Xylene

Concen: 28.623 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029853.D

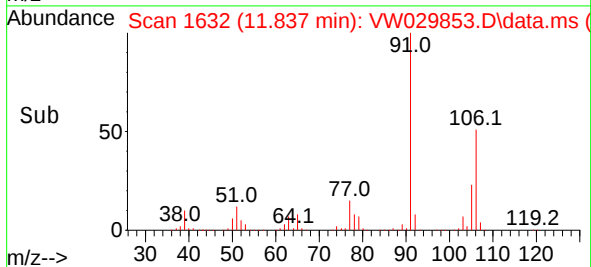
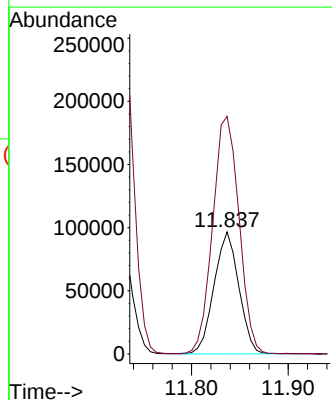
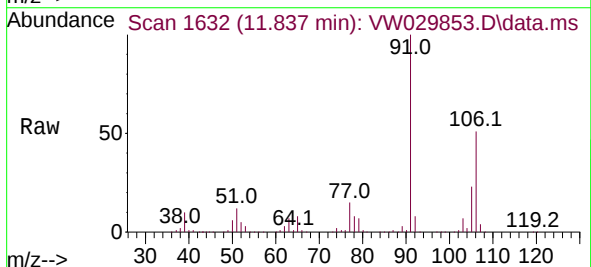
Acq: 08 Aug 2024 09:08

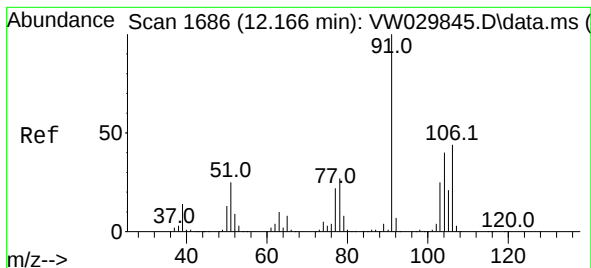
Tgt Ion:106 Resp: 171589

Ion Ratio Lower Upper

106 100

91 194.6 151.4 281.2

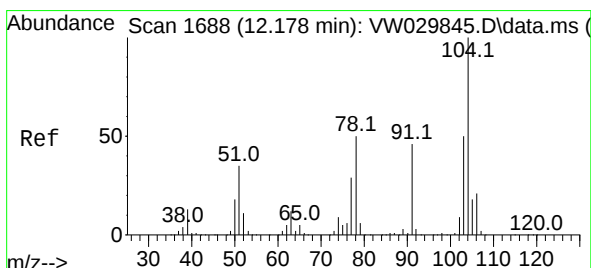
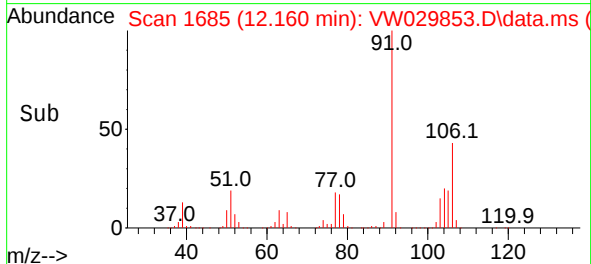
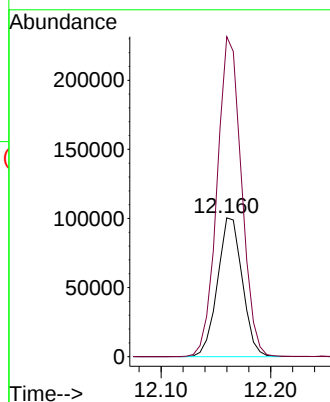
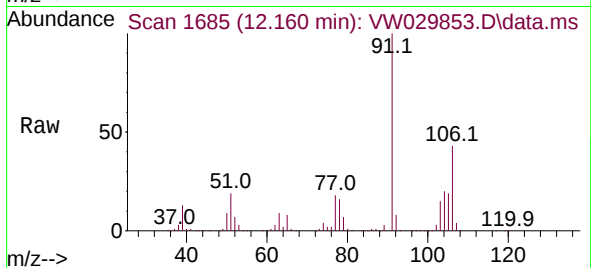




#54
o-Xylene
Concen: 28.640 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

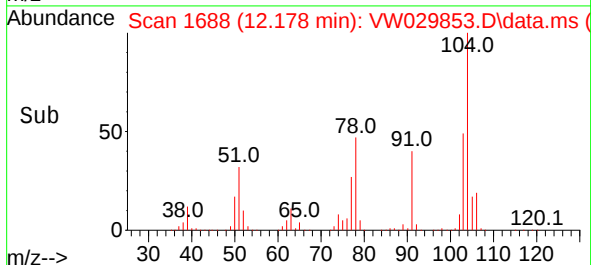
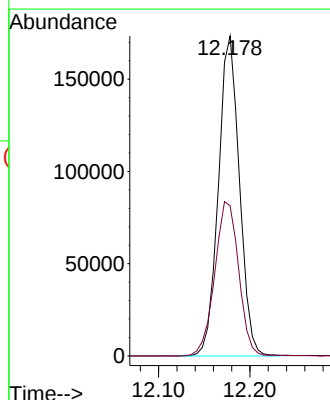
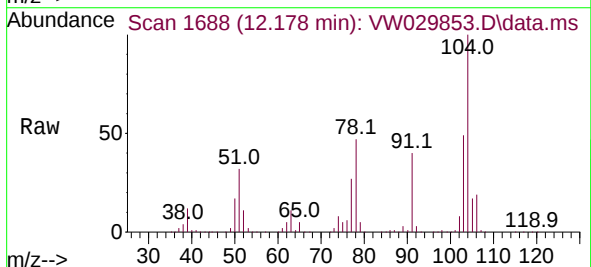
Instrument :
MSVOA_W
ClientSampleId :

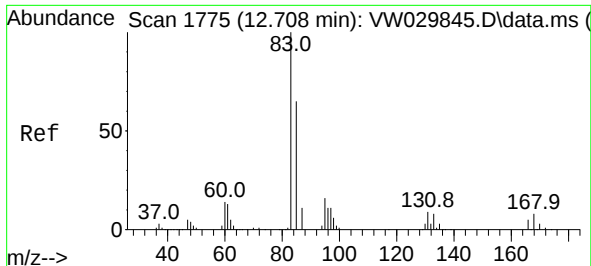
Tgt Ion:106 Resp: 158104
Ion Ratio Lower Upper
106 100
91 230.4 155.8 289.4



#55
Styrene
Concen: 29.024 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion:104 Resp: 277730
Ion Ratio Lower Upper
104 100
78 46.9 33.3 61.9

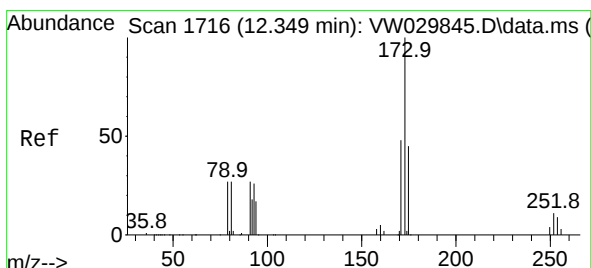
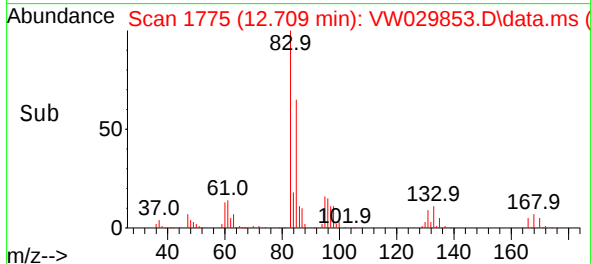
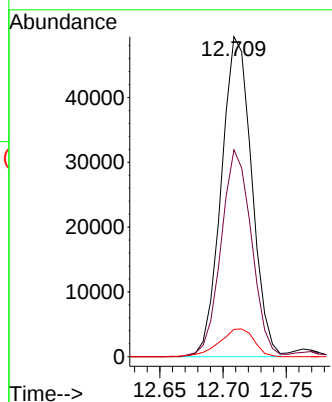
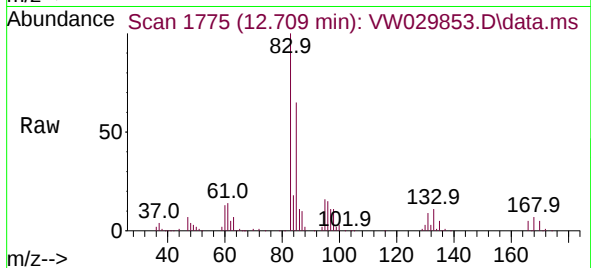




#57
1,1,2,2-Tetrachloroethane
Concen: 25.771 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

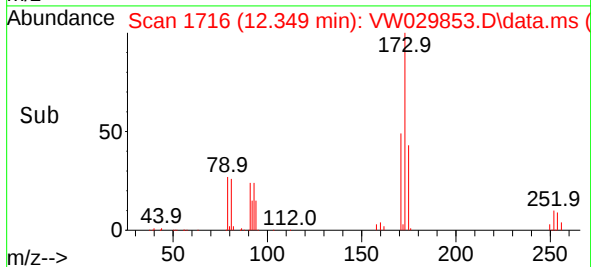
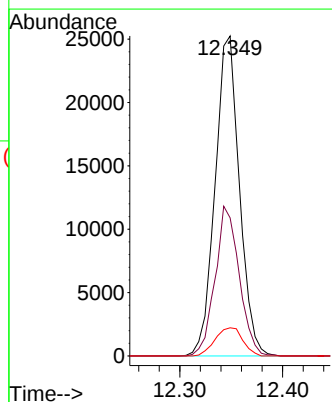
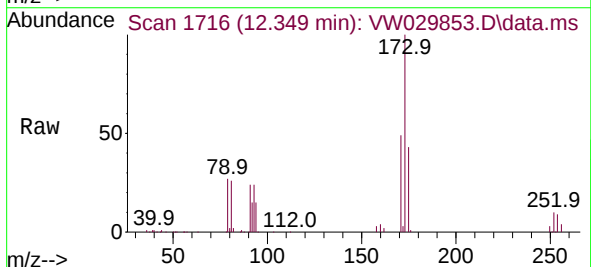
Instrument :
MSVOA_W
ClientSampleId :

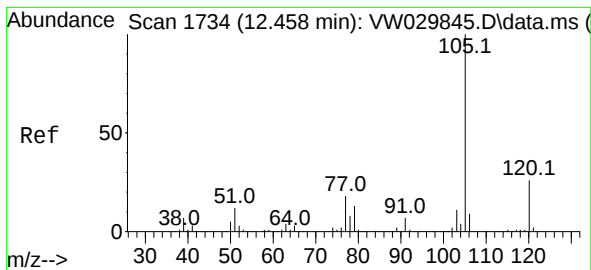
Tgt Ion: 83 Resp: 82439
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.0
131 8.5 6.2 9.2



#59
Bromoform
Concen: 26.811 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

Tgt Ion:173 Resp: 41436
Ion Ratio Lower Upper
173 100
175 46.3 38.1 57.1
254 10.1 7.8 11.6





#60

Isopropylbenzene

Concen: 28.148 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

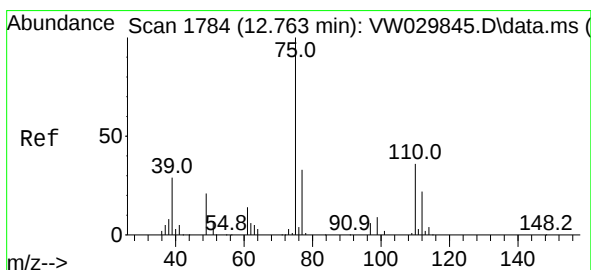
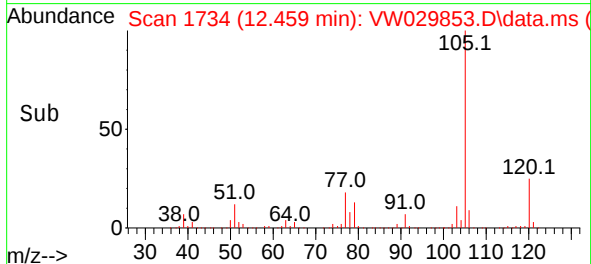
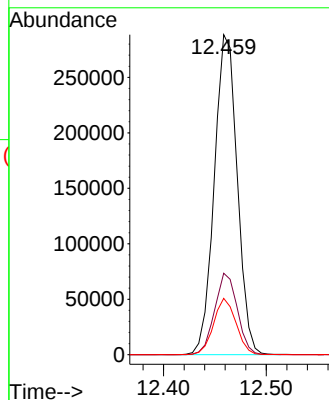
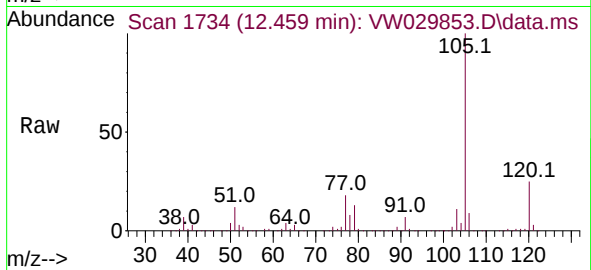
Tgt Ion:105 Resp: 447380

Ion Ratio Lower Upper

105 100

120 25.1 20.3 30.5

77 17.2 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 24.654 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

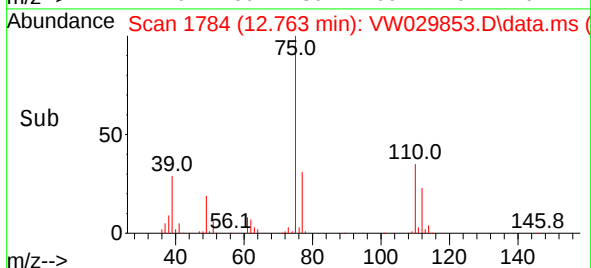
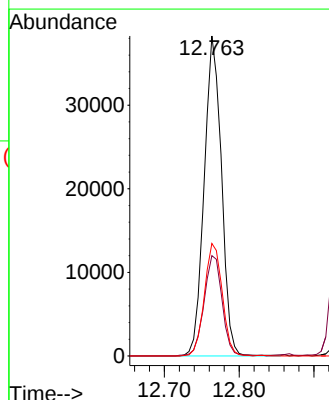
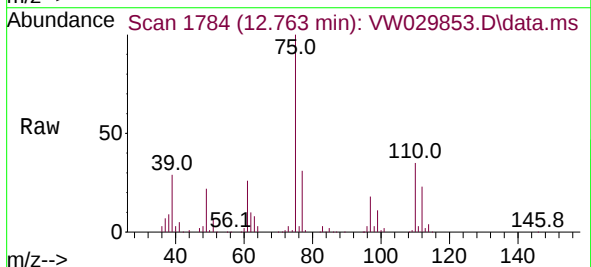
Tgt Ion: 75 Resp: 61587

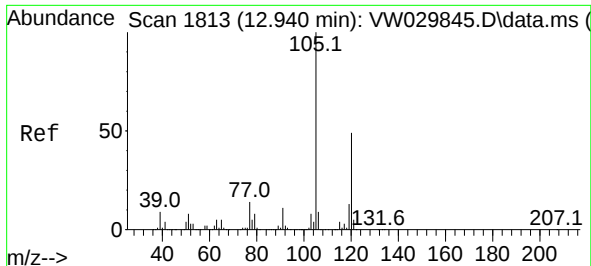
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

110 36.2 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 30.511 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

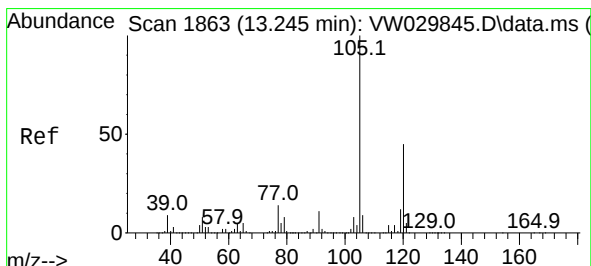
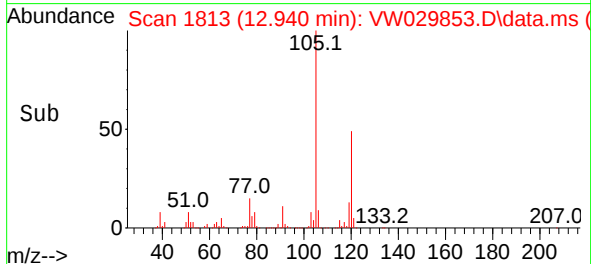
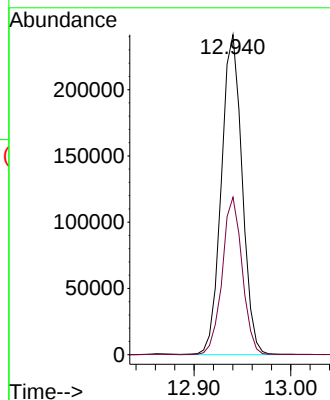
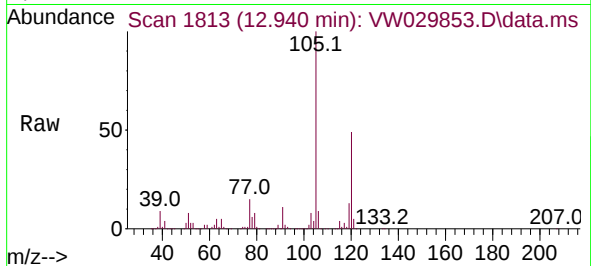
ClientSampleId :

Tgt Ion:105 Resp: 360450

Ion Ratio Lower Upper

105 100

120 47.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 28.454 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029853.D

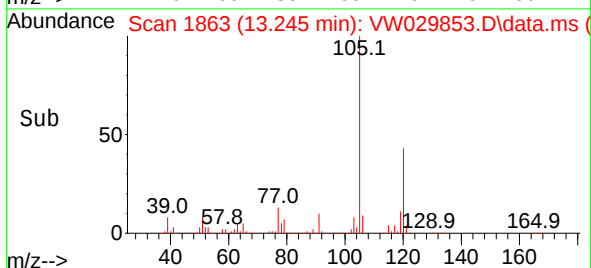
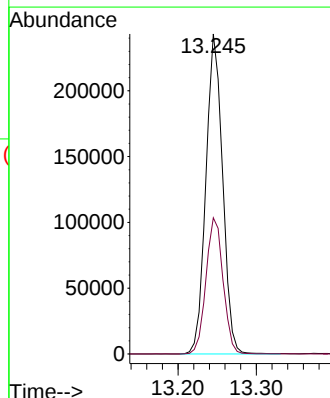
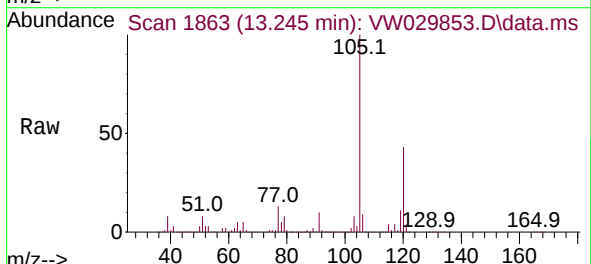
Acq: 08 Aug 2024 09:08

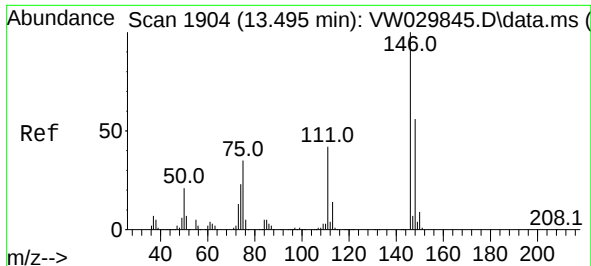
Tgt Ion:105 Resp: 359498

Ion Ratio Lower Upper

105 100

120 43.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 27.506 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

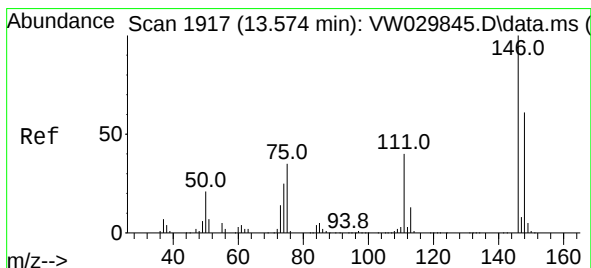
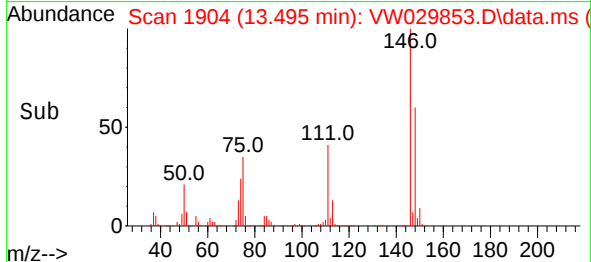
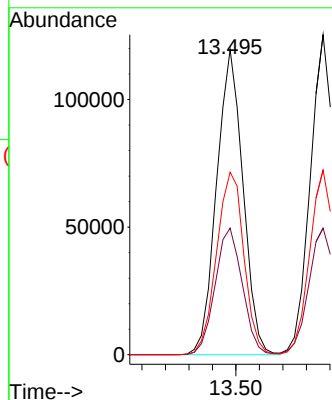
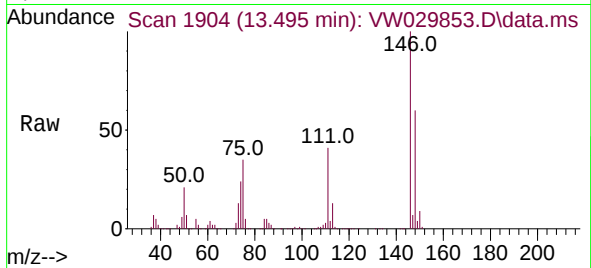
Tgt Ion:146 Resp: 186519

Ion Ratio Lower Upper

146 100

111 41.5 28.7 53.3

148 59.8 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 26.890 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

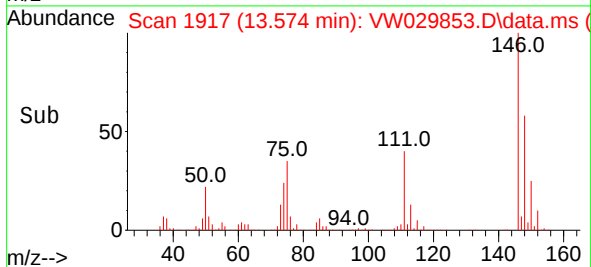
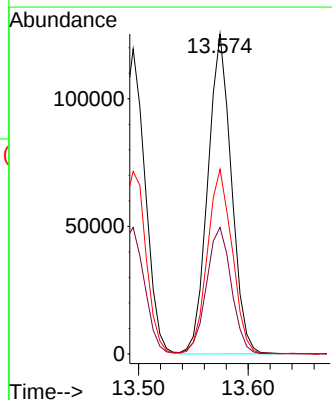
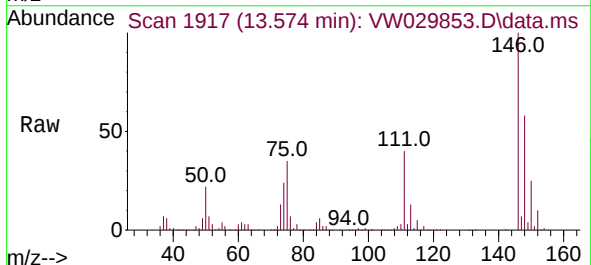
Tgt Ion:146 Resp: 187304

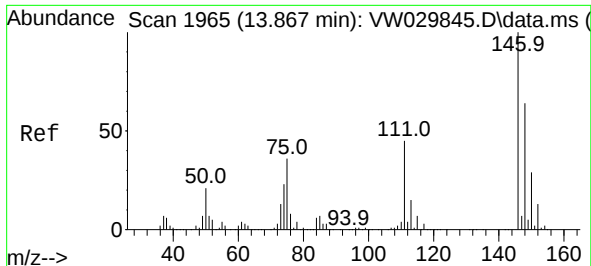
Ion Ratio Lower Upper

146 100

111 39.6 30.1 55.9

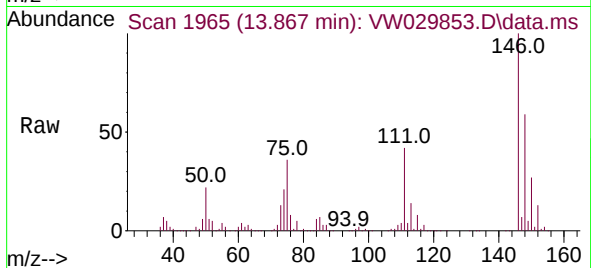
148 57.7 45.4 84.4



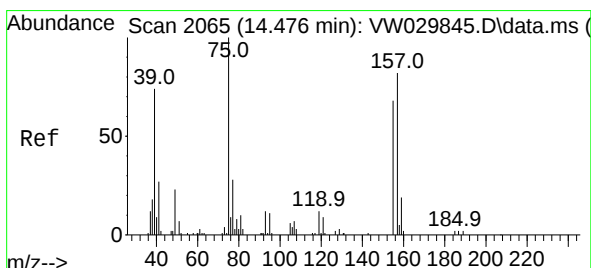
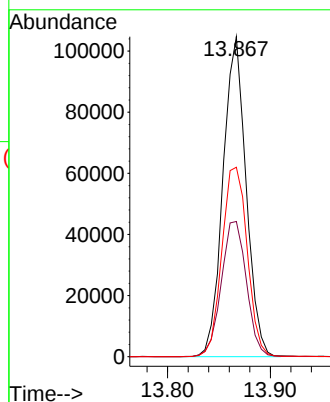
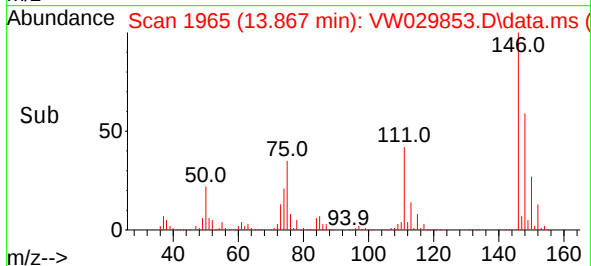


#67
1,2-Dichlorobenzene
Concen: 26.455 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08

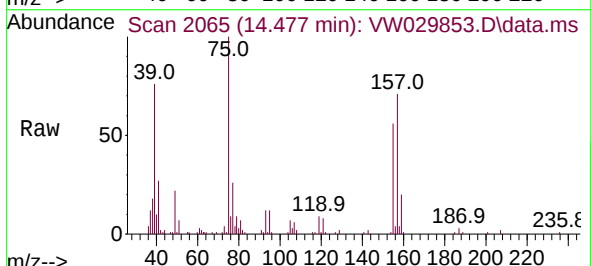
Instrument :
MSVOA_W
ClientSampleId :



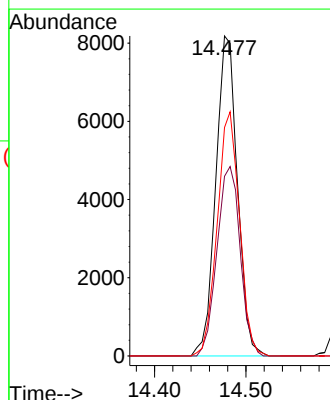
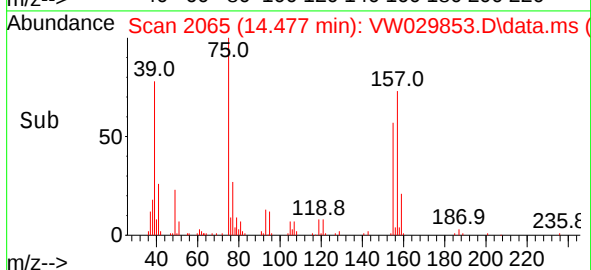
Tgt Ion:146 Resp: 163324
Ion Ratio Lower Upper
146 100
111 42.3 35.8 53.8
148 59.2 52.6 78.8

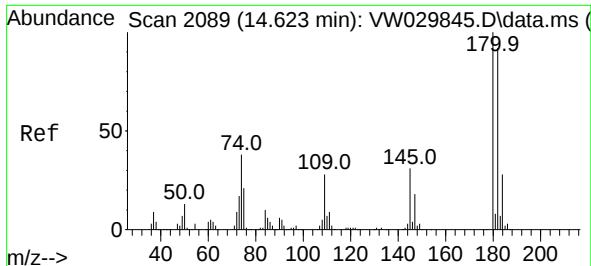


#68
1,2-Dibromo-3-chloropropane
Concen: 23.764 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029853.D
Acq: 08 Aug 2024 09:08



Tgt Ion: 75 Resp: 13479
Ion Ratio Lower Upper
75 100
155 56.1 47.8 71.6
157 71.4 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 26.347 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

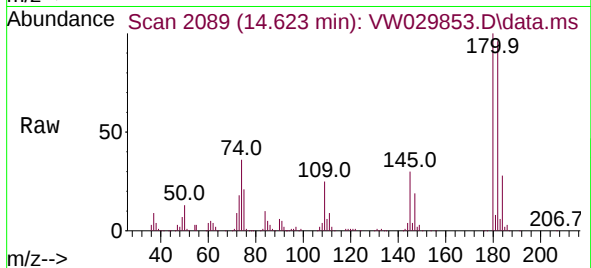
Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 122238

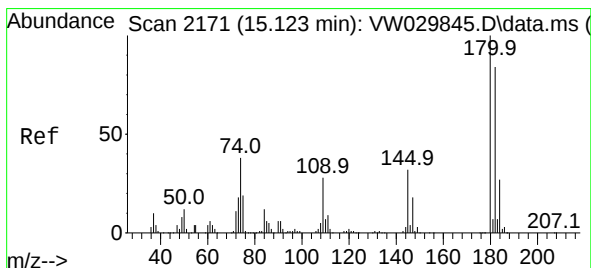
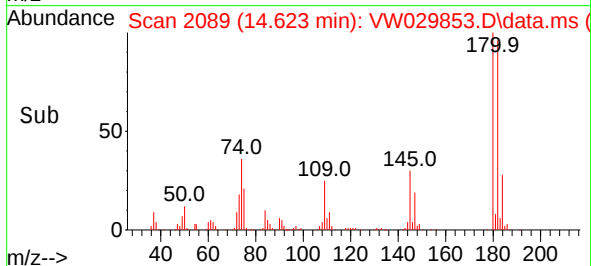
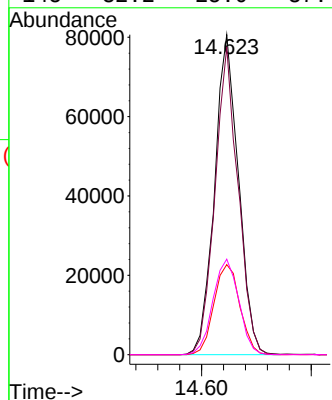
Ion Ratio Lower Upper

180 100

182 92.9 72.7 109.1

184 30.5 23.3 34.9

145 32.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.816 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

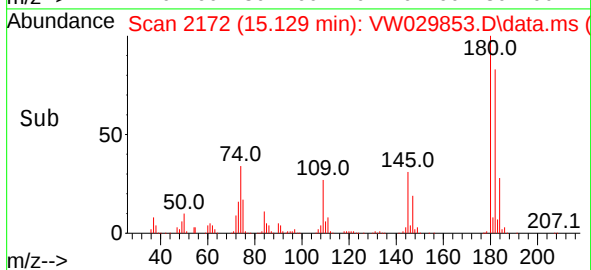
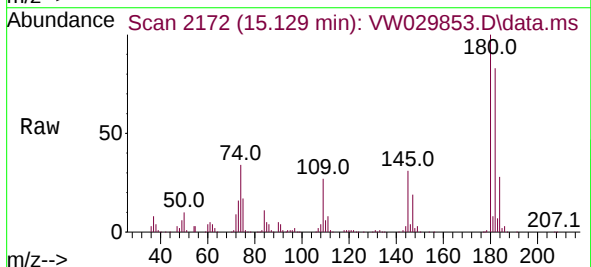
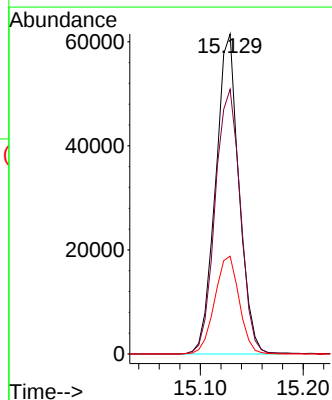
Tgt Ion:180 Resp: 97000

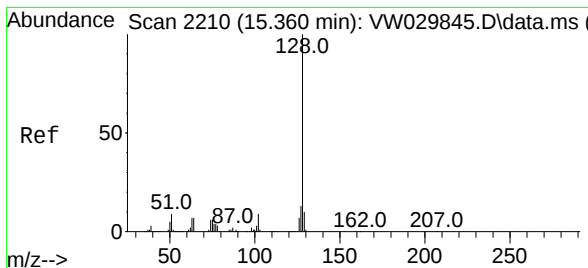
Ion Ratio Lower Upper

180 100

182 89.0 80.2 120.4

145 32.0 26.3 39.5





#71

Naphthalene

Concen: 23.650 ug/L

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Instrument :

MSVOA_W

ClientSampleId :

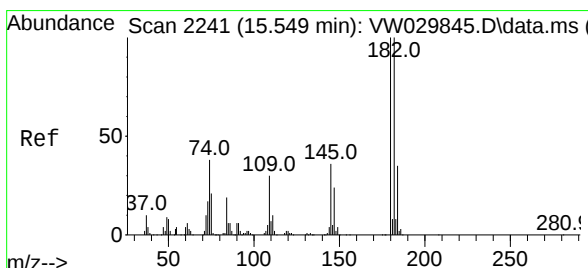
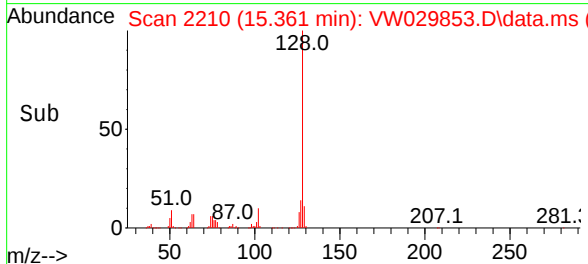
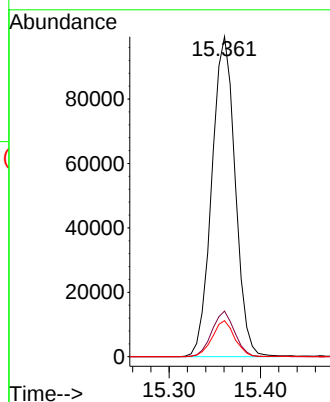
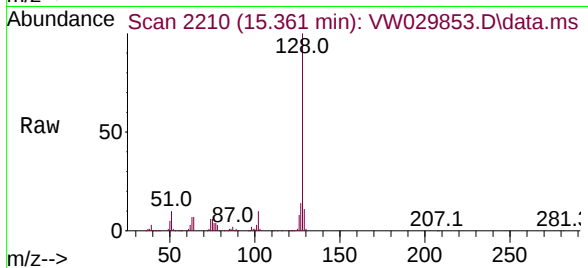
Tgt Ion:128 Resp: 176382

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 23.748 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029853.D

Acq: 08 Aug 2024 09:08

Tgt Ion:180 Resp: 84014

Ion Ratio Lower Upper

180 100

182 96.4 74.0 111.0

145 34.3 27.5 41.3

