

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029953.D
 Acq On : 20 Aug 2024 09:57
 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 21 00:40:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 20 02:38:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	183665	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	180151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90591	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	57593	22.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.360%
7) Chloroethane-d5	2.899	69	50839	27.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.240%
11) 1,1-Dichloroethene-d2	4.027	65	25398	21.339	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.360%
21) 2-Butanone-d5	7.075	46	28256	39.538	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.080%
24) Chloroform-d	7.648	84	138262	29.081	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.320%
26) 1,2-Dichloroethane-d4	8.301	65	72390	26.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.920%
32) Benzene-d6	8.276	84	244716	25.141	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.560%
36) 1,2-Dichloropropane-d6	9.270	67	73161	23.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	10.325	98	225692	26.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.320%
43) trans-1,3-Dichloroprop...	10.575	79	29472	23.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.720%
47) 2-Hexanone-d5	10.922	63	21102	41.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62262	26.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	72431	25.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	56870	22.971	ug/L	97
3) Chloromethane	2.222	50	61371	20.033	ug/L	100
5) Vinyl chloride	2.375	62	87770	25.570	ug/L	97
6) Bromomethane	2.789	94	57967	30.754	ug/L	100
8) Chloroethane	2.936	64	57869	29.635	ug/L	100
9) Trichlorofluoromethane	3.271	101	86921	31.702	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78231	28.648	ug/L	96
12) 1,1-Dichloroethene	4.039	96	69743	27.796	ug/L	88
13) Acetone	4.118	43	40684	45.808	ug/L	100
14) Carbon disulfide	4.387	76	188499	22.575	ug/L	98
15) Methyl Acetate	4.667	43	30073	20.329	ug/L #	89
16) Methylene chloride	4.917	84	88286	22.994	ug/L	83
17) trans-1,2-Dichloroethene	5.429	96	74711	27.631	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	114143	25.614	ug/L	100
19) 1,1-Dichloroethane	6.216	63	151425	26.554	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	83906	28.608	ug/L	92
22) 2-Butanone	7.167	43	42945	37.738	ug/L	87
23) Bromochloromethane	7.514	128	36752	29.517	ug/L #	81
25) Chloroform	7.679	83	167139	31.109	ug/L	96

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 Response via : Initial Calibration

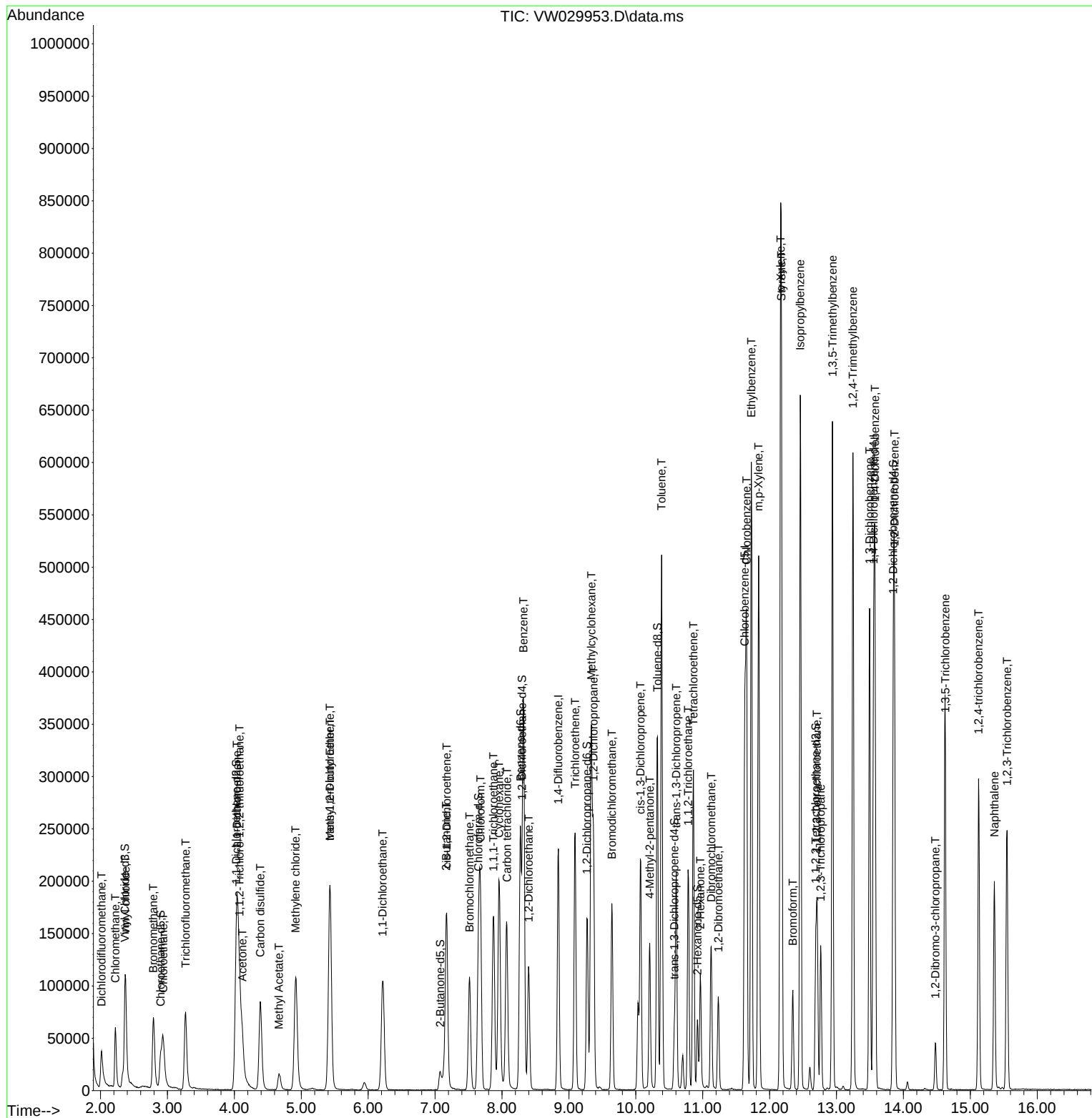
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109176	27.883	ug/L	99
29) Cyclohexane	7.959	56	103841	20.283	ug/L	88
30) 1,1,1-Trichloroethane	7.874	97	134368	29.453	ug/L	96
31) Carbon tetrachloride	8.075	117	116482	28.336	ug/L	94
33) Benzene	8.319	78	334136	27.070	ug/L	100
34) Trichloroethene	9.093	95	87791	27.131	ug/L	98
35) Methylcyclohexane	9.337	83	133437	24.748	ug/L	94
37) 1,2-Dichloropropane	9.368	63	87484	25.863	ug/L	99
38) Bromodichloromethane	9.642	83	118590	29.441	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	126915	25.763	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	86322	40.177	ug/L #	92
42) Toluene	10.386	91	363870	28.880	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	107255	26.227	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	63112	27.773	ug/L	93
46) Tetrachloroethene	10.861	164	65147	27.700	ug/L	88
48) 2-Hexanone	10.965	43	66572	41.370	ug/L #	97
49) Dibromochloromethane	11.129	129	70154	29.738	ug/L	95
50) 1,2-Dibromoethane	11.233	107	59200	28.156	ug/L	100
51) Chlorobenzene	11.654	112	218997	27.944	ug/L	99
52) Ethylbenzene	11.727	91	404011	28.427	ug/L	99
53) m,p-Xylene	11.837	106	148229	28.359	ug/L	98
54) o-Xylene	12.166	106	140434	29.176	ug/L	98
55) Styrene	12.178	104	256701	30.767	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	79426	28.477	ug/L	97
59) Bromoform	12.349	173	40532	29.735	ug/L	98
60) Isopropylbenzene	12.458	105	399671	28.511	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55128	25.021	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	320827	30.791	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	315338	28.298	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	174654	29.202	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	171502	27.916	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	148227	27.221	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11585	23.157	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.629	180	108915	26.616	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	86172	24.996	ug/L	94
71) Naphthalene	15.360	128	156833	23.842	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	77866	24.955	ug/L	96

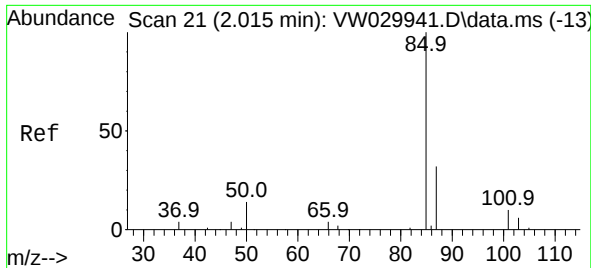
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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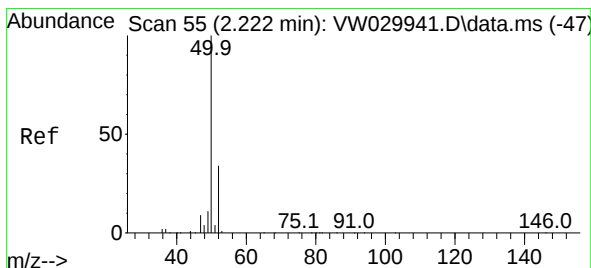
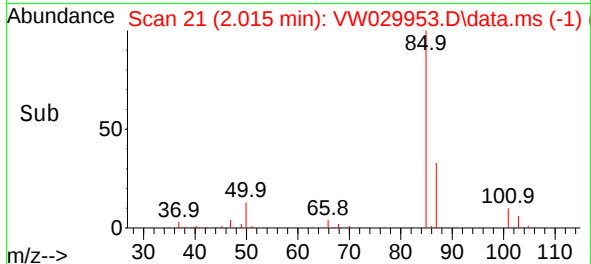
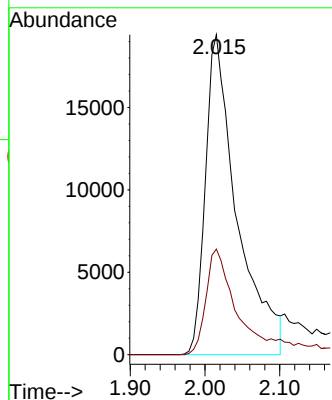
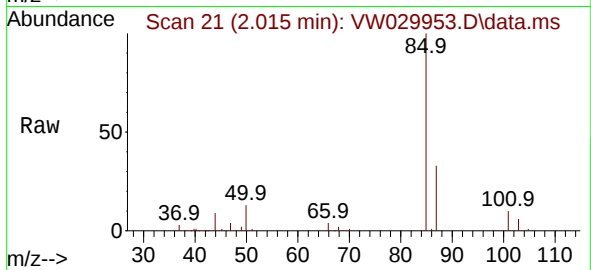




#2
 Dichlorodifluoromethane
 Concen: 22.971 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029953.D
 Acq: 20 Aug 2024 09:57

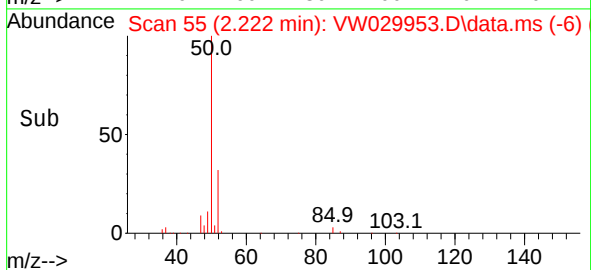
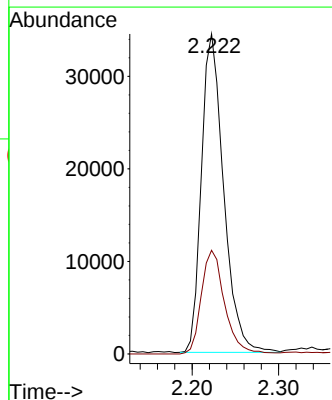
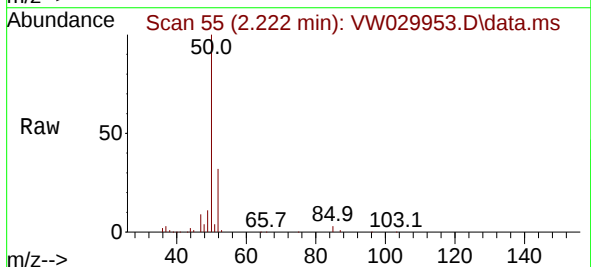
Instrument :
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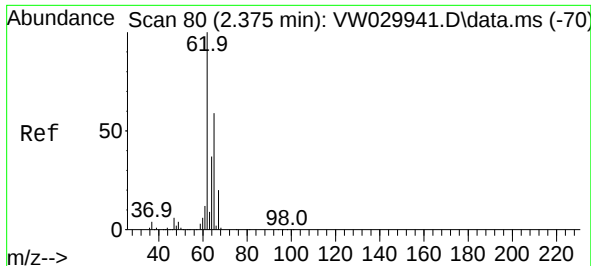
Tgt Ion: 85 Resp: 56870
 Ion Ratio Lower Upper
 85 100
 87 30.3 25.5 38.3



#3
 Chloromethane
 Concen: 20.033 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029953.D
 Acq: 20 Aug 2024 09:57

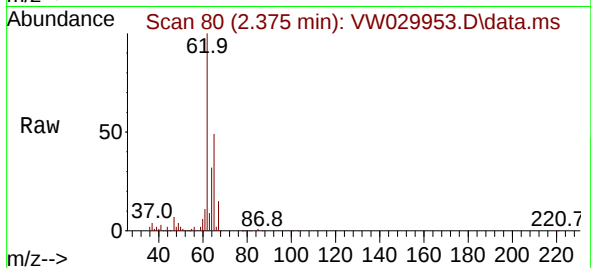
Tgt Ion: 50 Resp: 61371
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.9



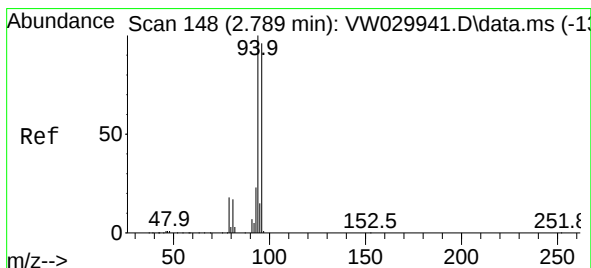
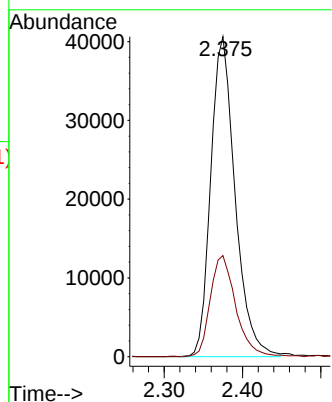
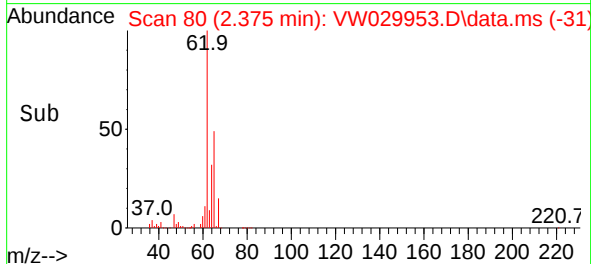


#5
 Vinyl chloride
 Concen: 25.570 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029953.D
 Acq: 20 Aug 2024 09:57

Instrument :
 MSVOA_W
 ClientSampleId :

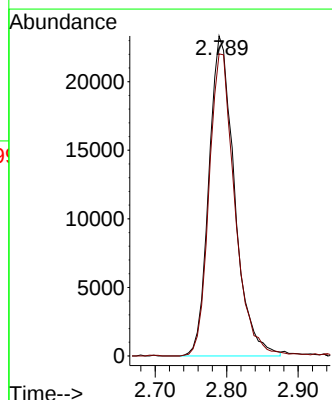
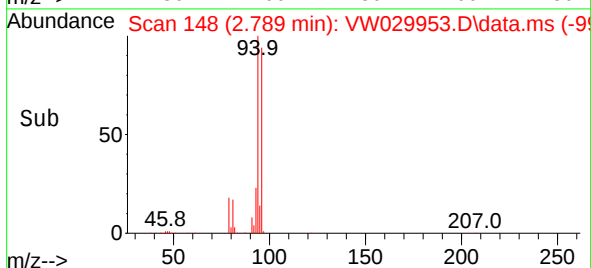
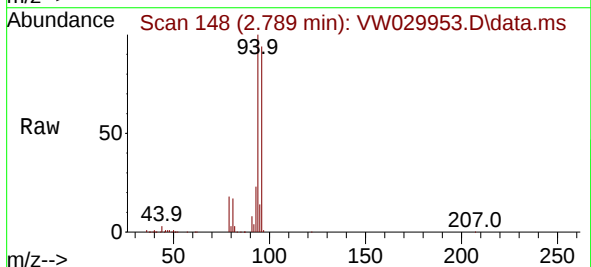


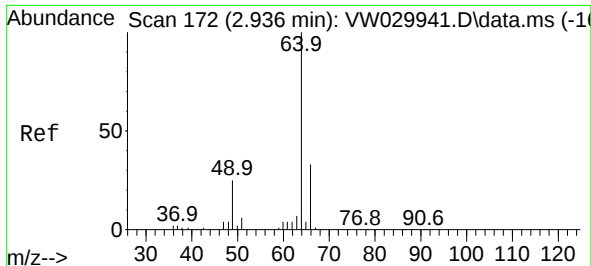
Tgt Ion: 62 Resp: 87770
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.2 43.2



#6
 Bromomethane
 Concen: 30.754 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029953.D
 Acq: 20 Aug 2024 09:57

Tgt Ion: 94 Resp: 57967
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.2 123.0

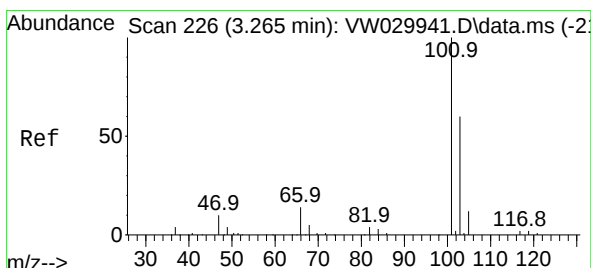
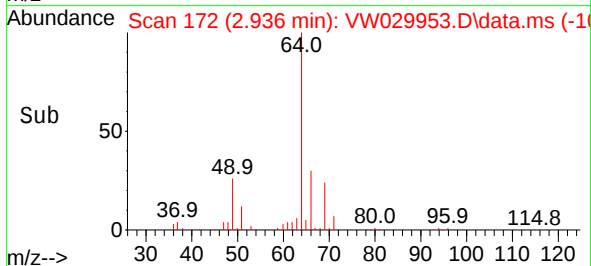
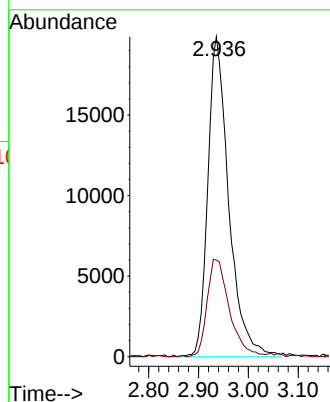
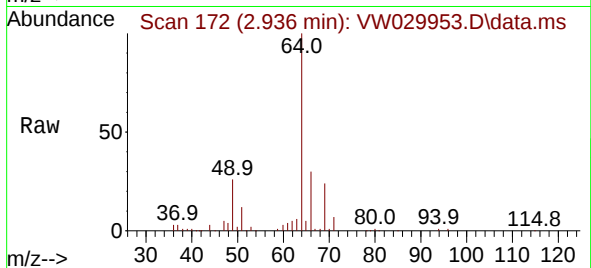




#8
Chloroethane
Concen: 29.635 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

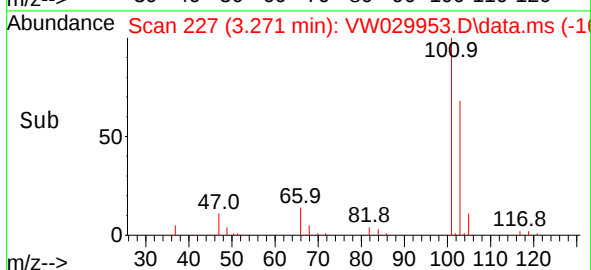
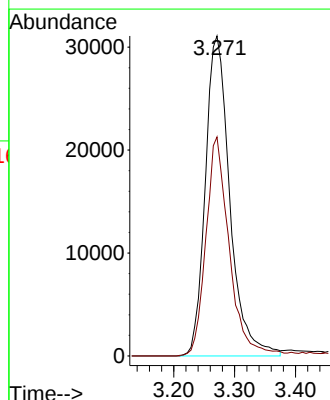
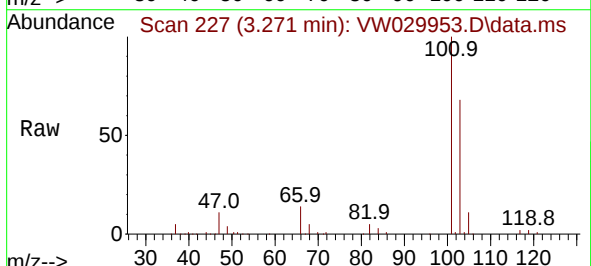
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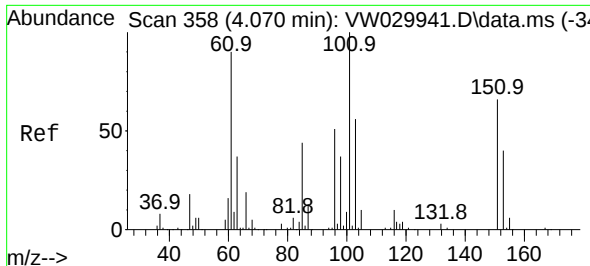
Tgt Ion: 64 Resp: 57869
Ion Ratio Lower Upper
64 100
66 30.2 21.2 39.4



#9
Trichlorofluoromethane
Concen: 31.702 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion:101 Resp: 86921
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4





#10

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

Concen: 28.648 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

ClientSampleId :

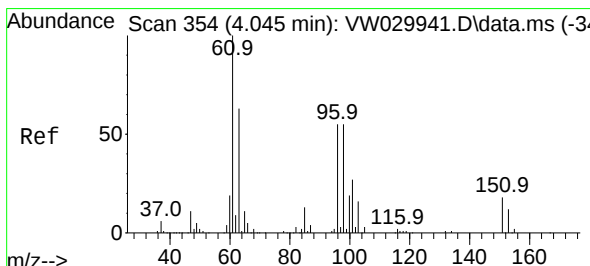
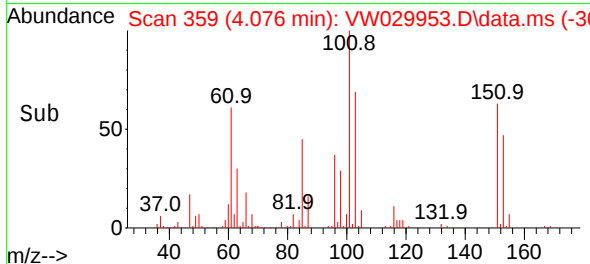
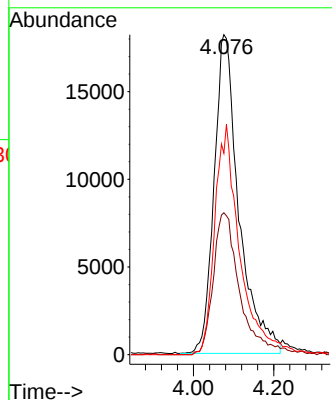
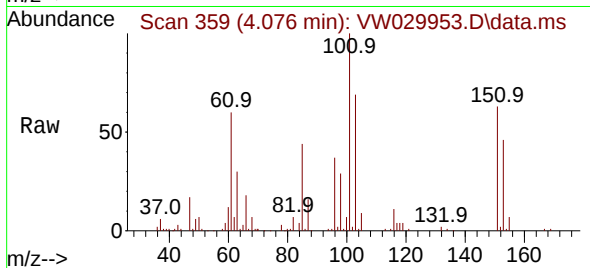
Tgt Ion:101 Resp: 78231

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

151 71.7 54.2 81.2



#12

1,1-Dichloroethene

Concen: 27.796 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW029953.D

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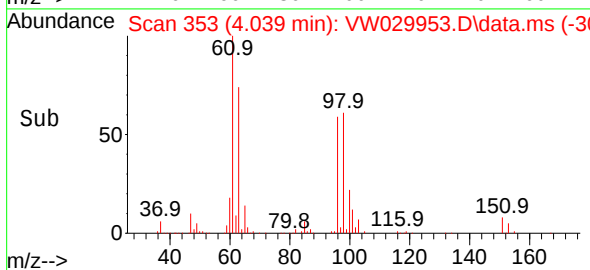
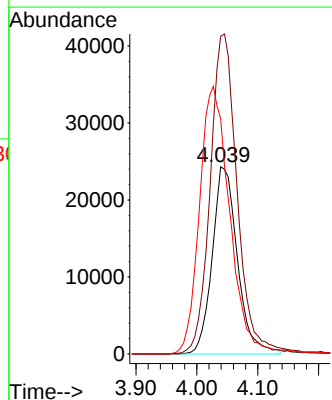
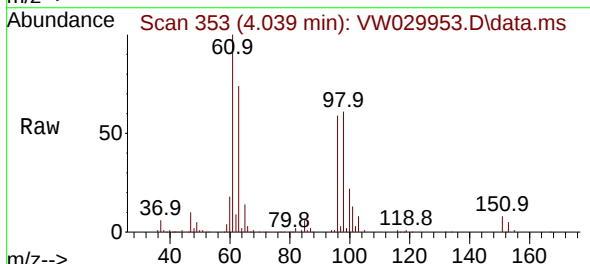
Tgt Ion: 96 Resp: 69743

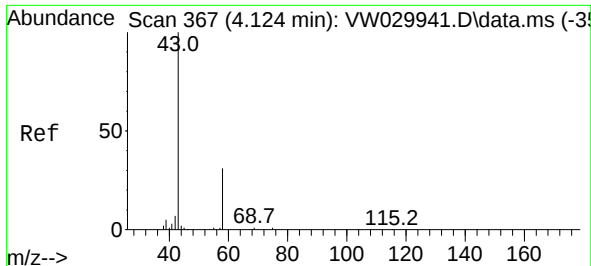
Ion Ratio Lower Upper

96 100

61 169.8 138.3 256.9

63 125.6 89.0 165.4

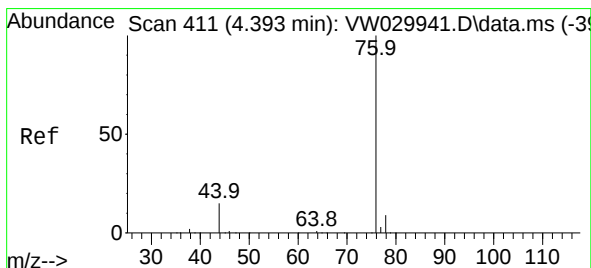
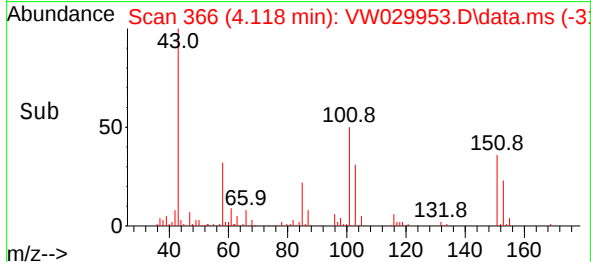
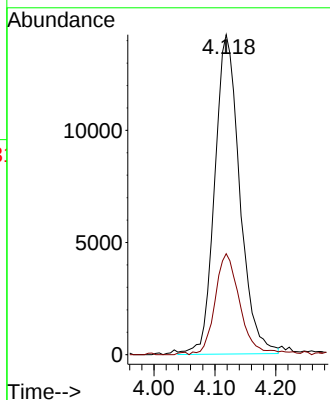
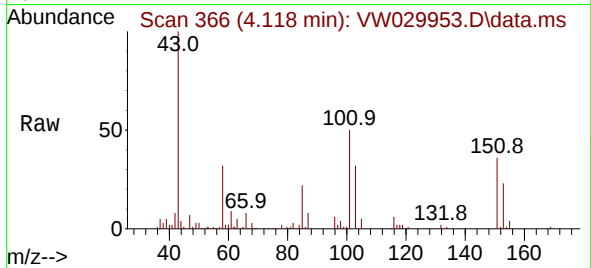




#13
Acetone
Concen: 45.808 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029953.D
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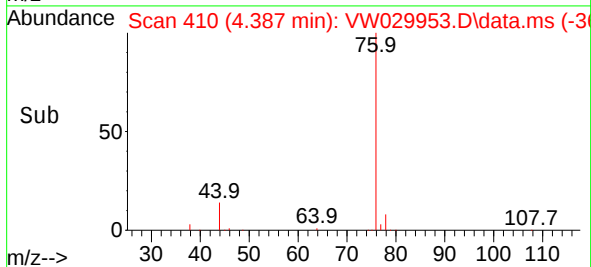
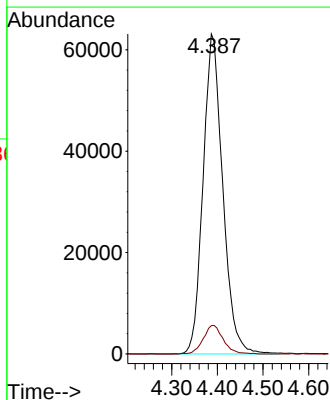
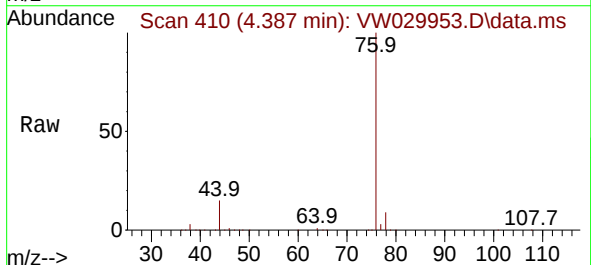
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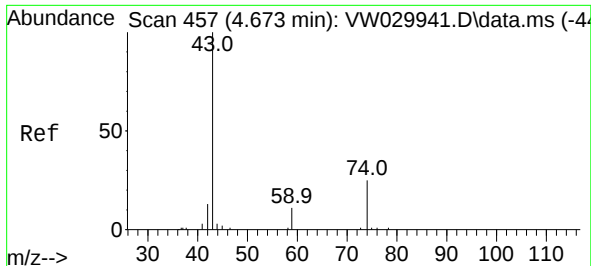
Tgt Ion: 43 Resp: 40684
Ion Ratio Lower Upper
43 100
58 29.0 0.0 57.6



#14
Carbon disulfide
Concen: 22.575 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion: 76 Resp: 188499
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4





#15

Methyl Acetate

Concen: 20.329 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

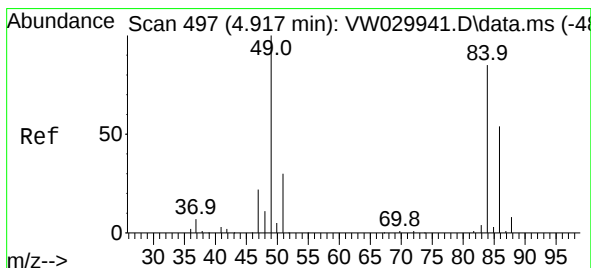
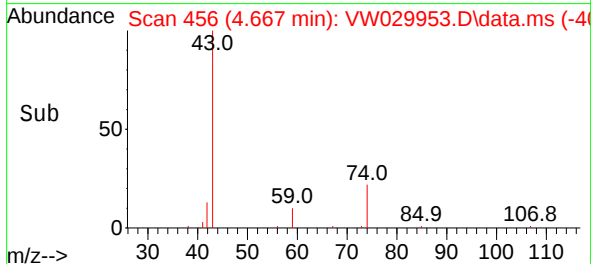
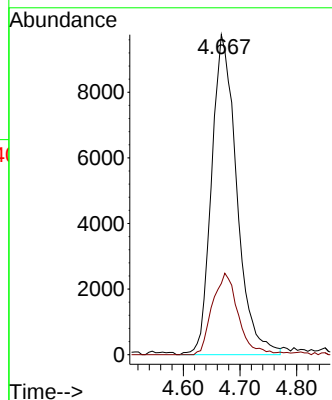
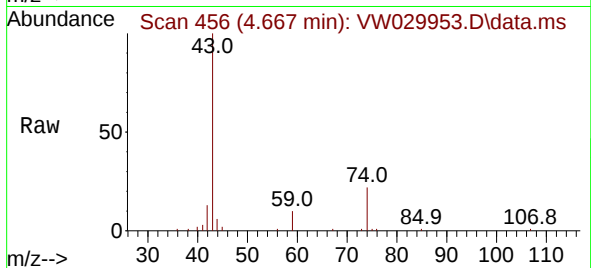
ClientSampleId :

Tgt Ion: 43 Resp: 30073

Ion Ratio Lower Upper

43 100

74 25.9 16.5 24.7#



#16

Methylene chloride

Concen: 22.994 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

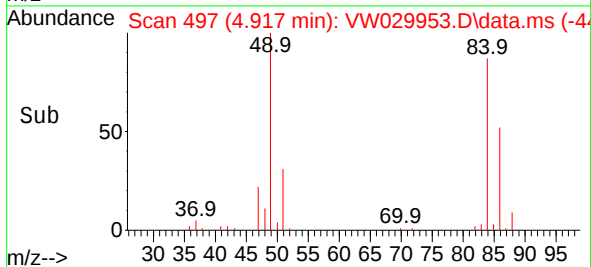
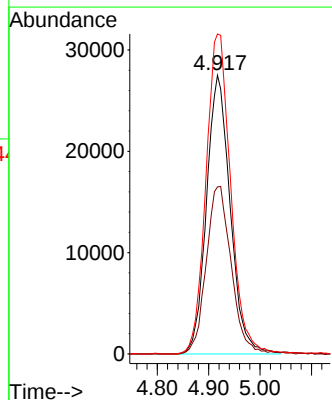
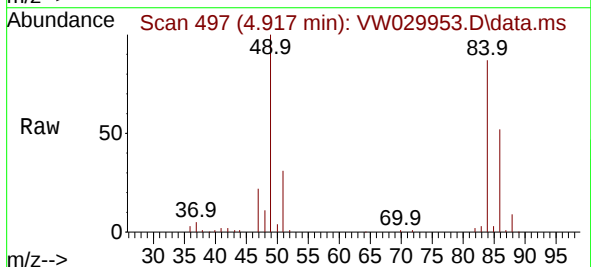
Tgt Ion: 84 Resp: 88286

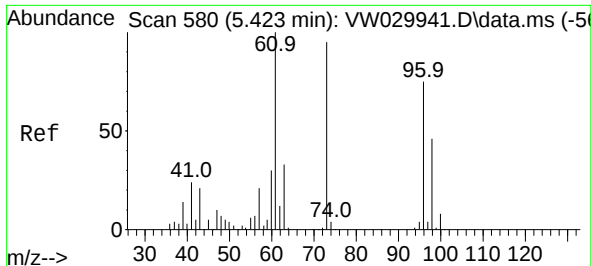
Ion Ratio Lower Upper

84 100

86 59.9 44.7 82.9

49 114.8 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 27.631 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

ClientSampleId :

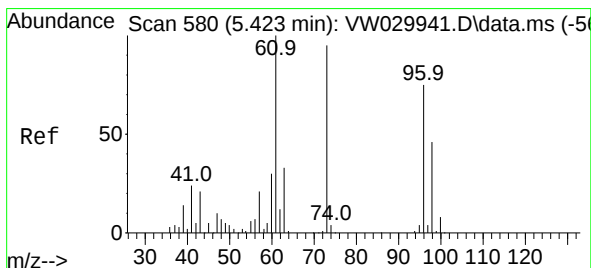
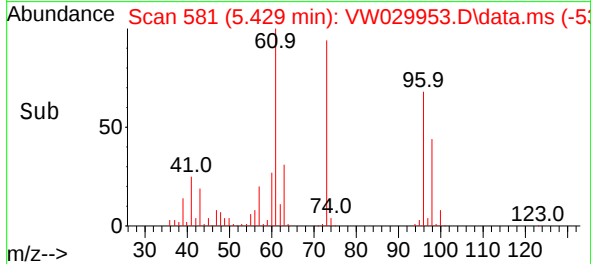
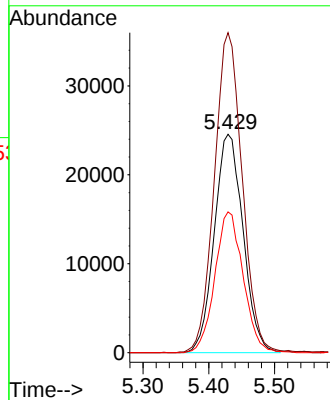
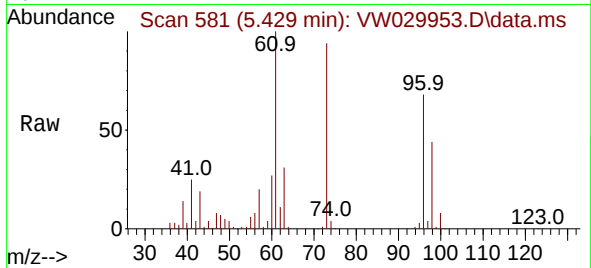
Tgt Ion: 96 Resp: 74711

Ion Ratio Lower Upper

96 100

61 146.6 111.2 206.6

98 64.5 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 25.614 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

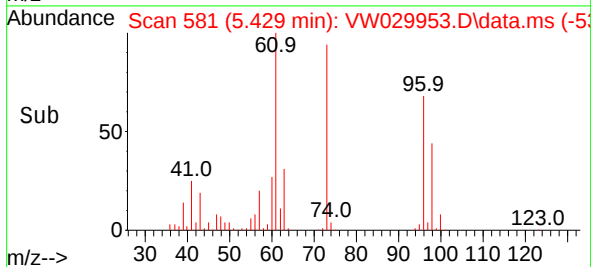
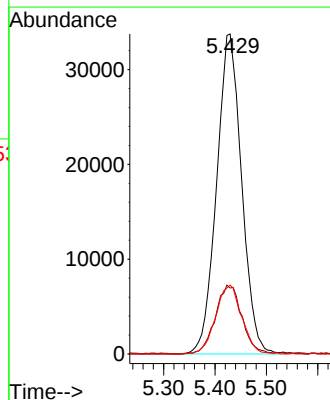
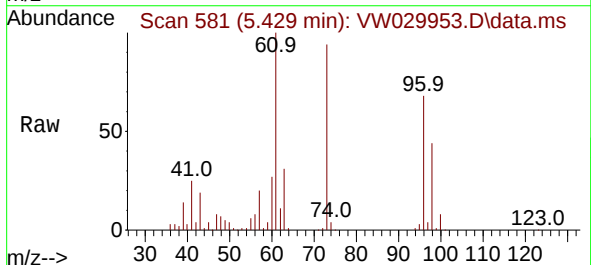
Tgt Ion: 73 Resp: 114143

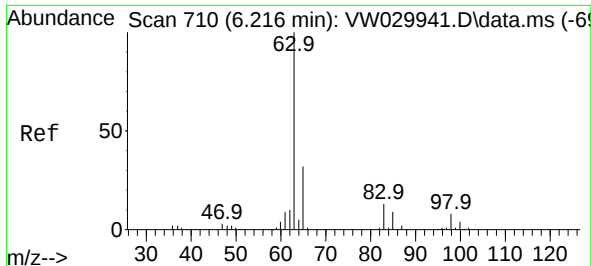
Ion Ratio Lower Upper

73 100

43 22.9 18.3 27.5

57 22.3 17.9 26.9

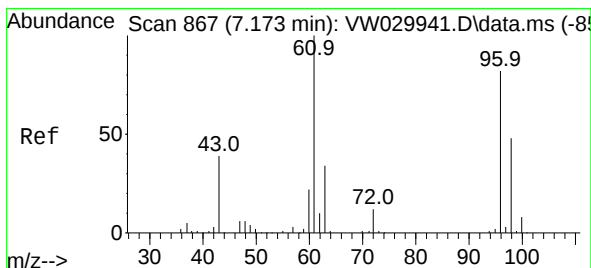
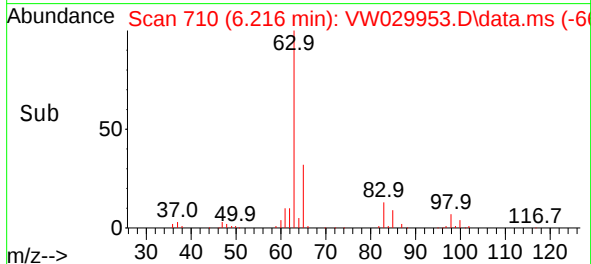
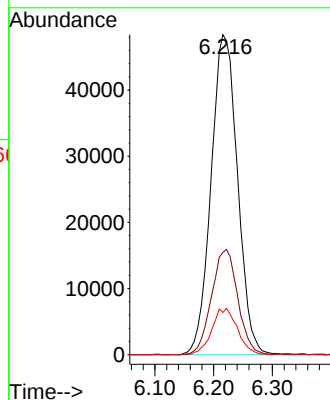
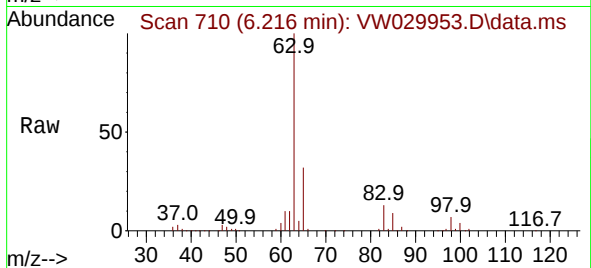




#19
1,1-Dichloroethane
Concen: 26.554 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

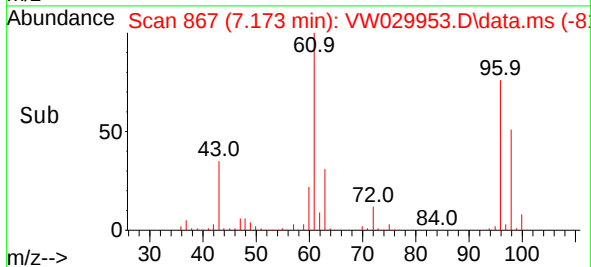
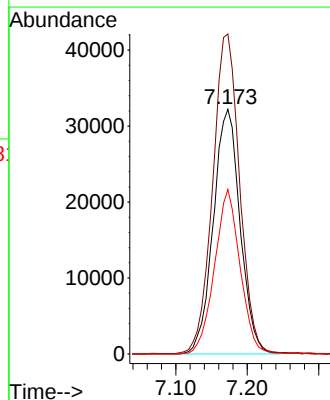
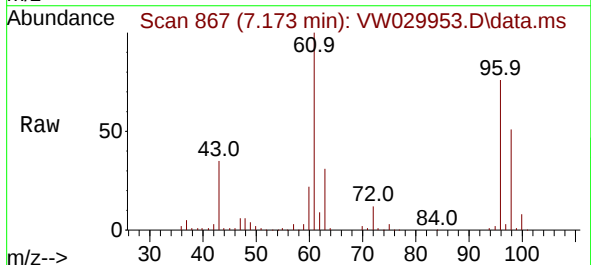
Instrument :
MSVOA_W
ClientSampleId :

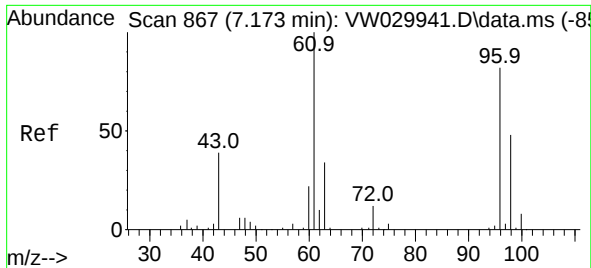
Tgt Ion: 63 Resp: 151425
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.3
83 13.2 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 28.608 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion: 96 Resp: 83906
Ion Ratio Lower Upper
96 100
61 130.8 98.2 182.4
98 67.2 41.9 77.9

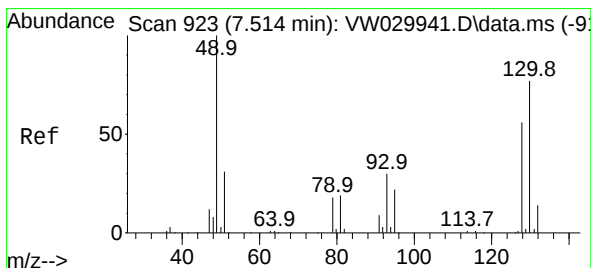
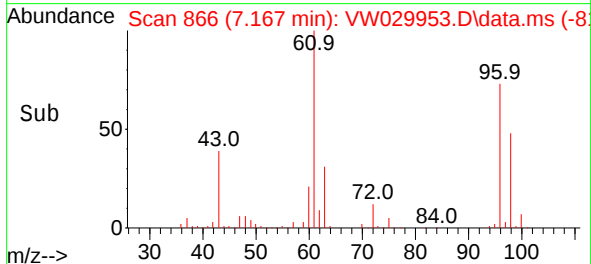
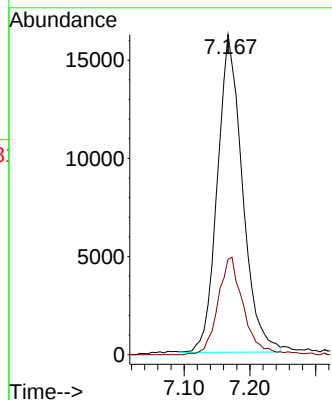
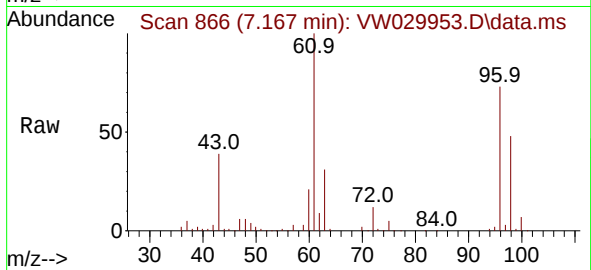




#22
2-Butanone
Concen: 37.738 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

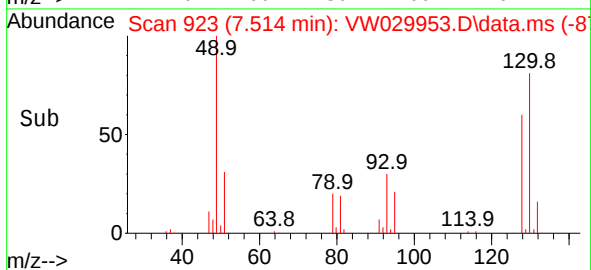
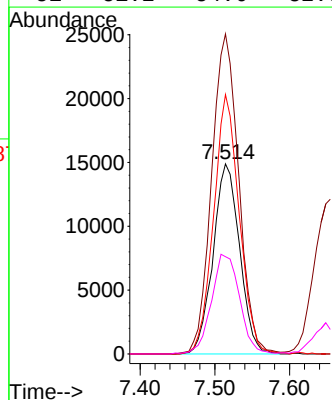
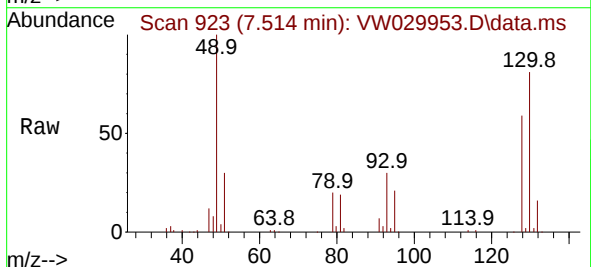
Instrument :
MSVOA_W
ClientSampleId :

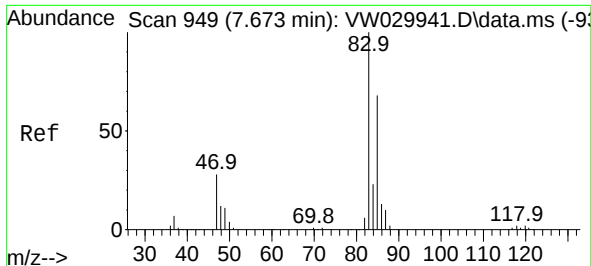
Tgt Ion: 43 Resp: 42945
Ion Ratio Lower Upper
43 100
72 29.8 11.7 35.1



#23
Bromochloromethane
Concen: 29.517 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion: 128 Resp: 36752
Ion Ratio Lower Upper
128 100
49 168.4 151.1 280.7
130 136.5 96.8 179.8
51 51.2 54.6 82.0#





#25

Chloroform

Concen: 31.109 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

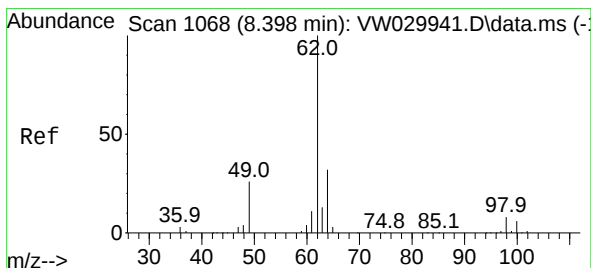
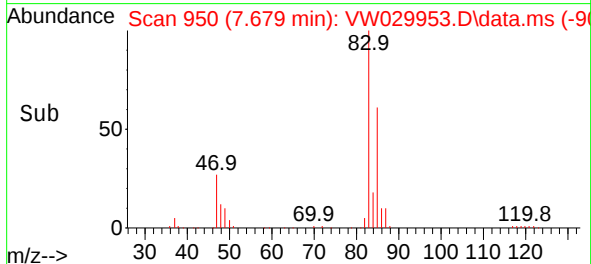
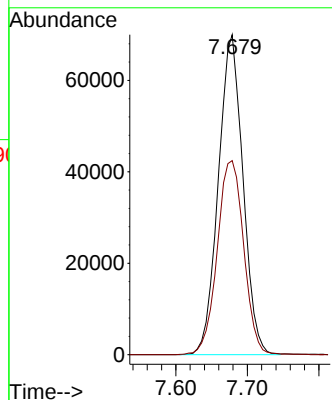
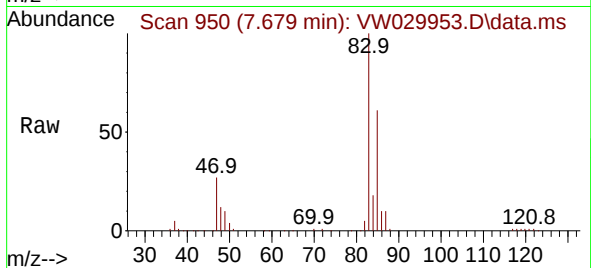
ClientSampleId :

Tgt Ion: 83 Resp: 167139

Ion Ratio Lower Upper

83 100

85 60.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 27.883 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029953.D

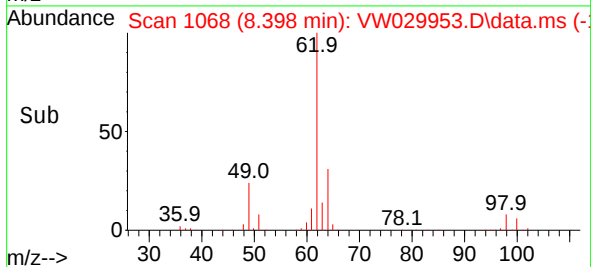
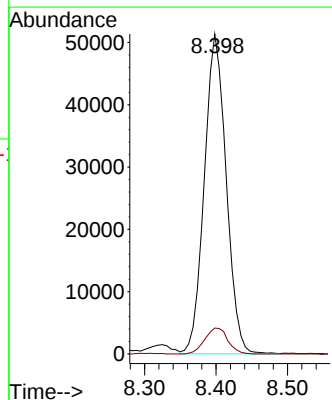
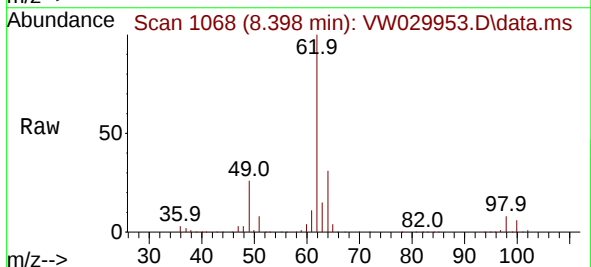
Acq: 20 Aug 2024 09:57

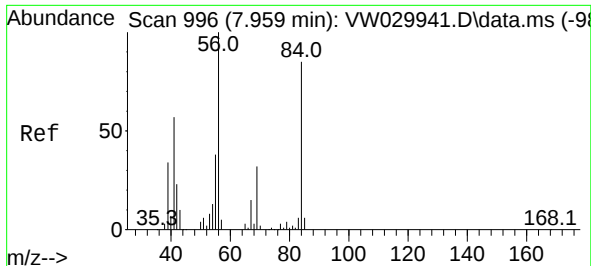
Tgt Ion: 62 Resp: 109176

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0





#29

Cyclohexane

Concen: 20.283 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

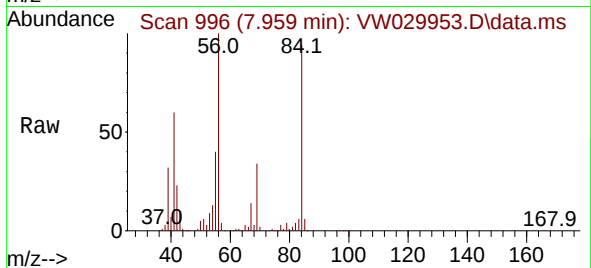
Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

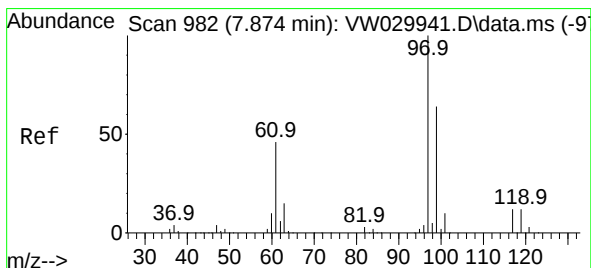
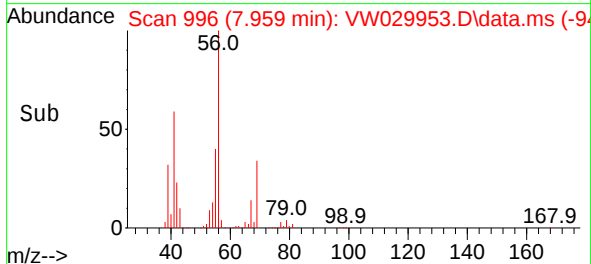
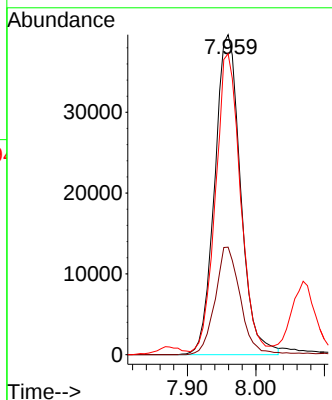
ClientSampleId :



Tgt Ion: 56 Resp: 103841

Ion Ratio Lower Upper

56	100		
69	32.8	23.0	34.4
84	91.0	63.5	95.3



#30

1,1,1-Trichloroethane

Concen: 29.453 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

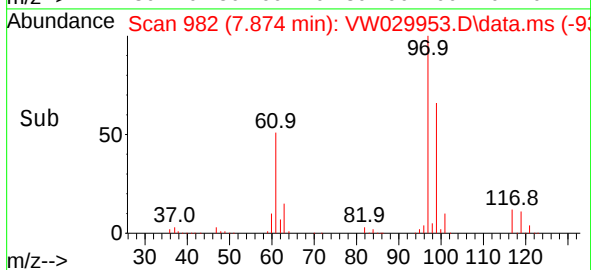
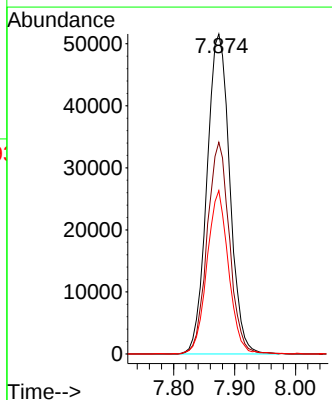
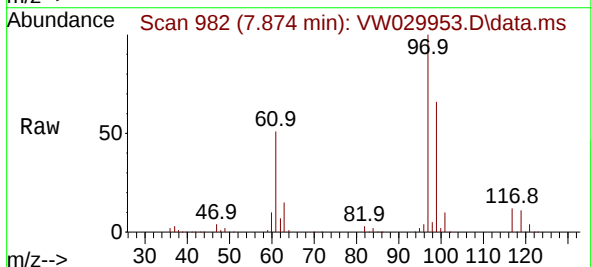
Lab File: VW029953.D

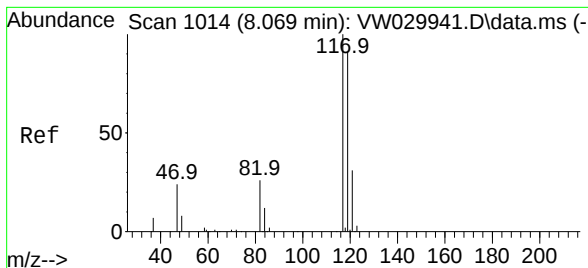
Acq: 20 Aug 2024 09:57

Tgt Ion: 97 Resp: 134368

Ion Ratio Lower Upper

97	100		
99	64.5	52.1	78.1
61	47.9	42.6	63.8





#31

Carbon tetrachloride

Concen: 28.336 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

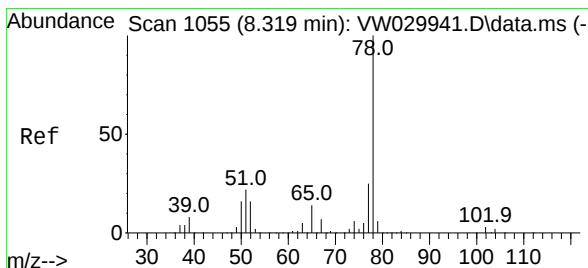
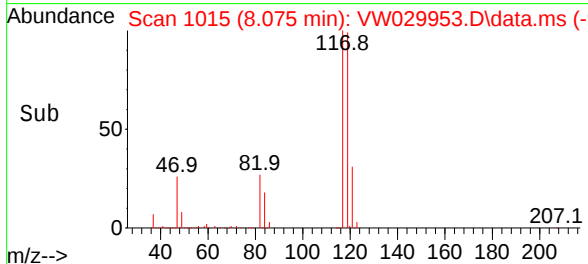
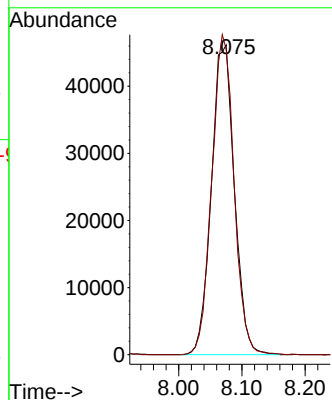
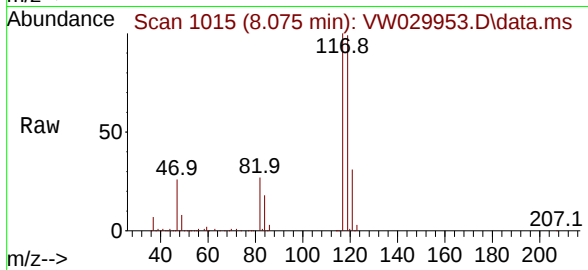
ClientSampleId :

Tgt Ion:117 Resp: 116482

Ion Ratio Lower Upper

117 100

119 99.7 74.8 112.2



#33

Benzene

Concen: 27.070 ug/L

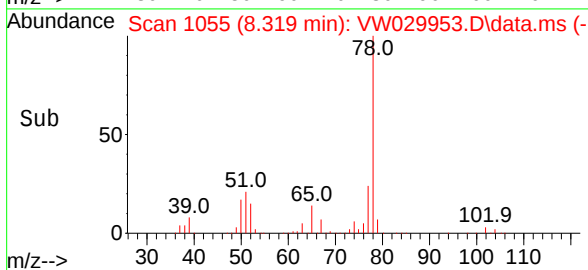
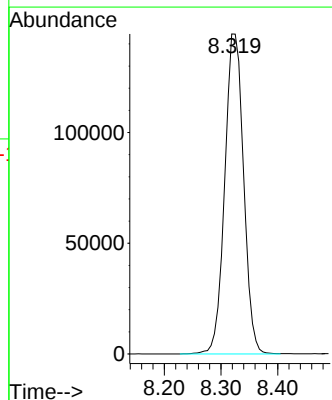
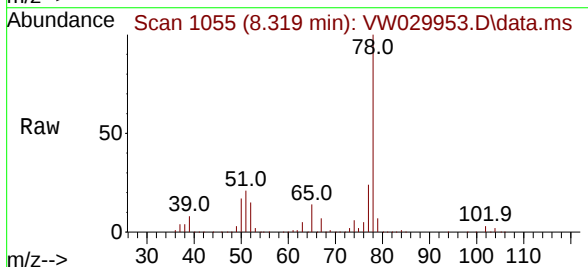
RT: 8.319 min Scan# 1055

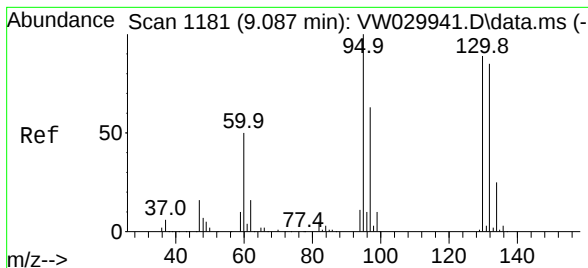
Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Tgt Ion: 78 Resp: 334136





#34

Trichloroethene

Concen: 27.131 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 87791

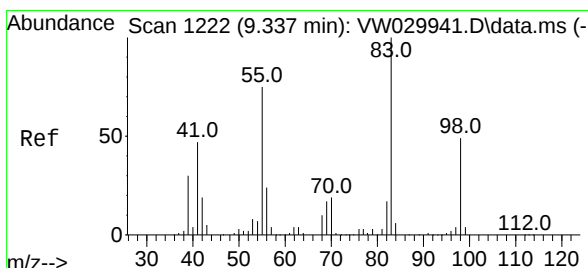
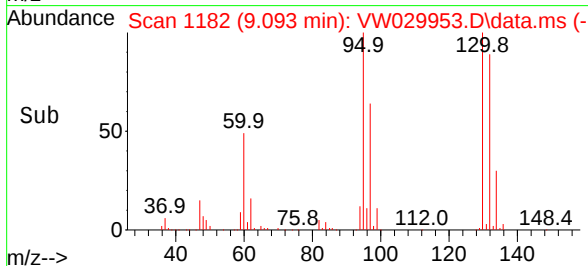
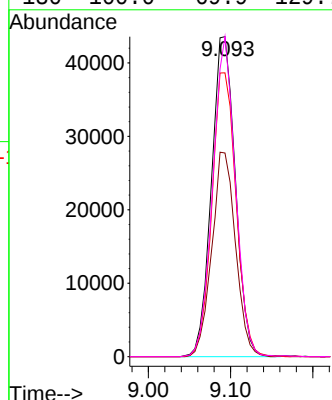
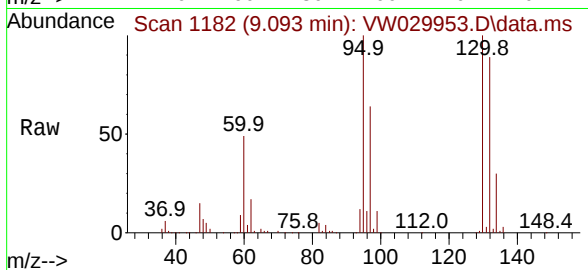
Ion Ratio Lower Upper

95 100

97 63.6 45.6 84.8

132 88.7 65.2 121.0

130 100.0 69.9 129.7



#35

Methylcyclohexane

Concen: 24.748 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

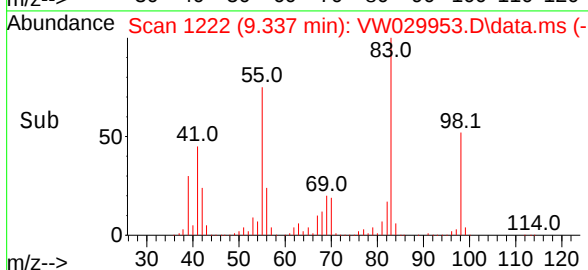
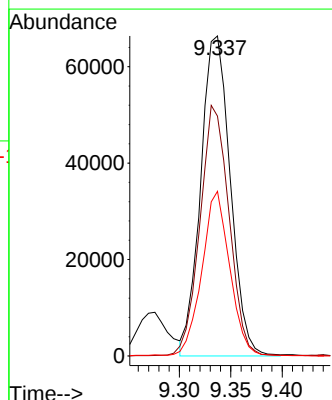
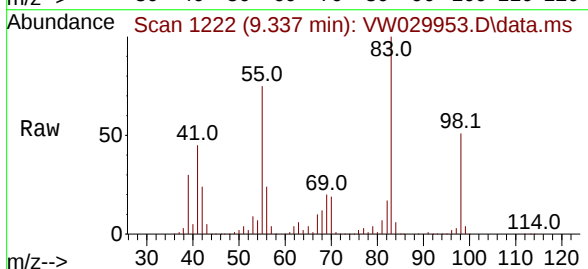
Tgt Ion: 83 Resp: 133437

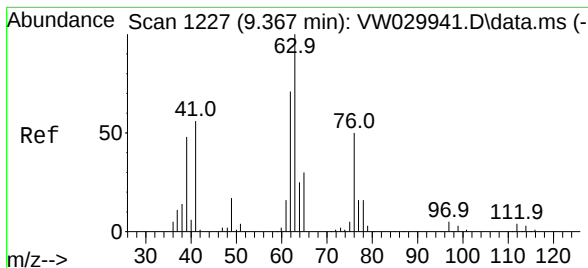
Ion Ratio Lower Upper

83 100

55 77.1 67.4 101.2

98 48.2 36.7 55.1





#37

1,2-Dichloropropane

Concen: 25.863 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

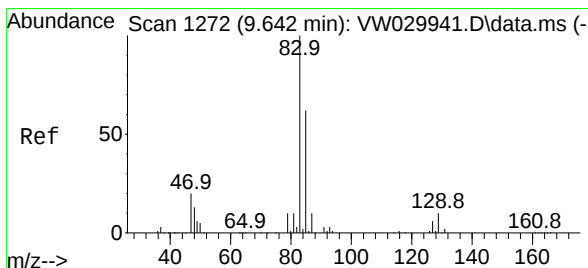
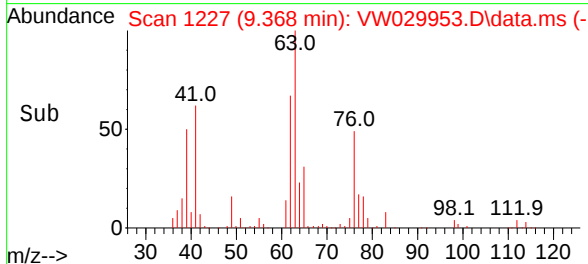
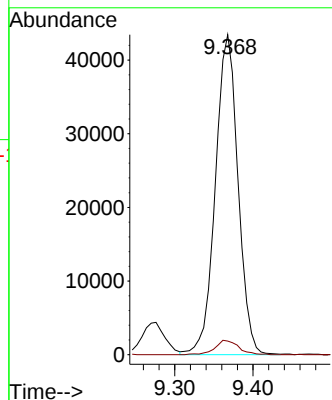
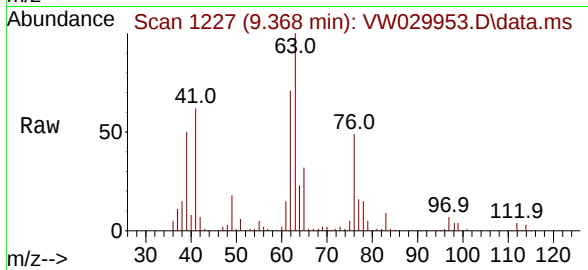
ClientSampleId :

Tgt Ion: 63 Resp: 87484

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 29.441 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

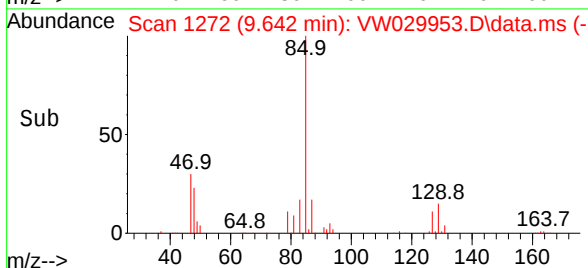
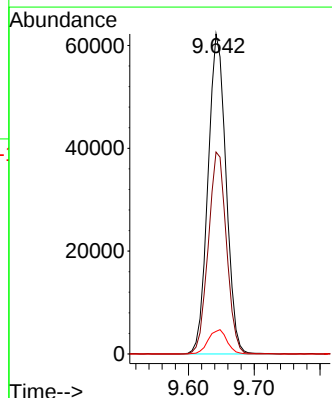
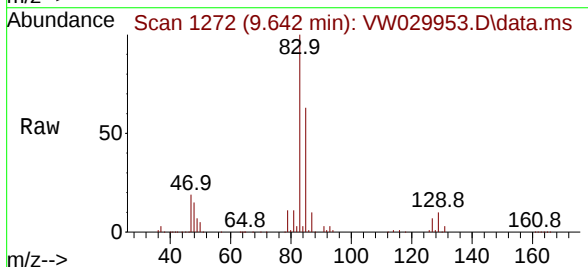
Tgt Ion: 83 Resp: 118590

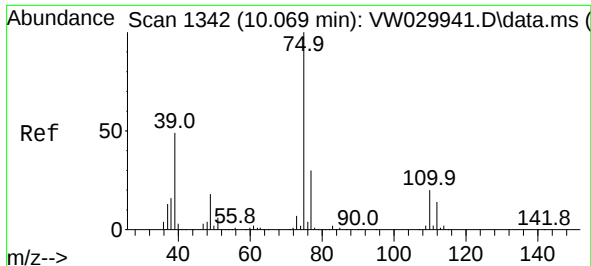
Ion Ratio Lower Upper

83 100

85 63.1 46.6 86.6

127 7.0 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.763 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

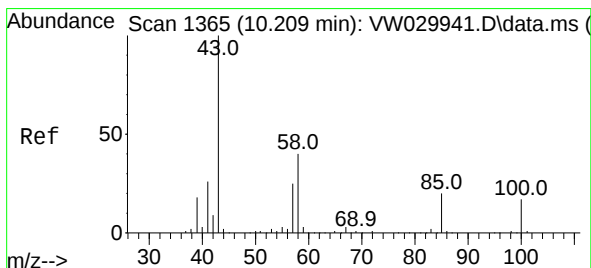
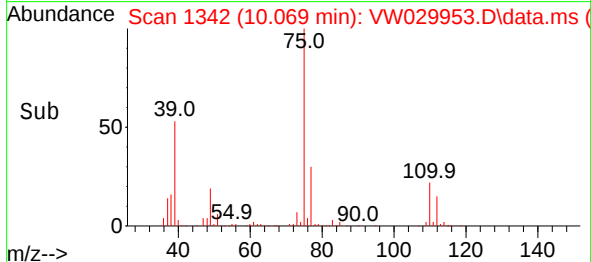
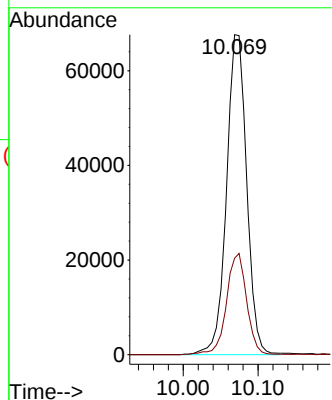
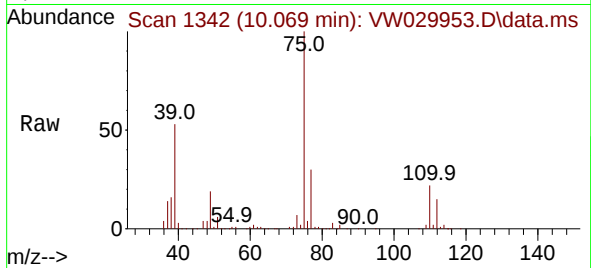
ClientSampleId :

Tgt Ion: 75 Resp: 126915

Ion Ratio Lower Upper

75 100

77 30.2 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 40.177 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

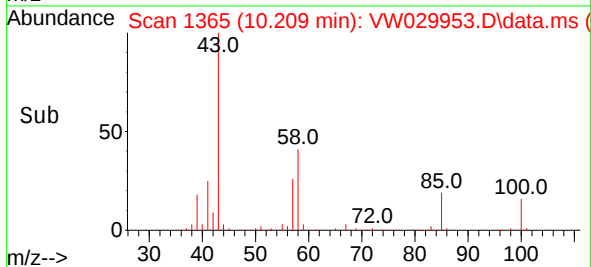
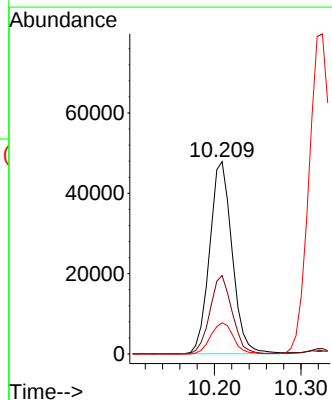
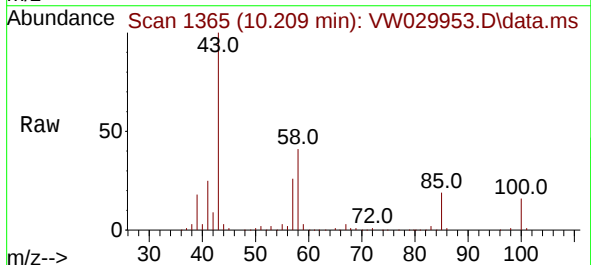
Tgt Ion: 43 Resp: 86322

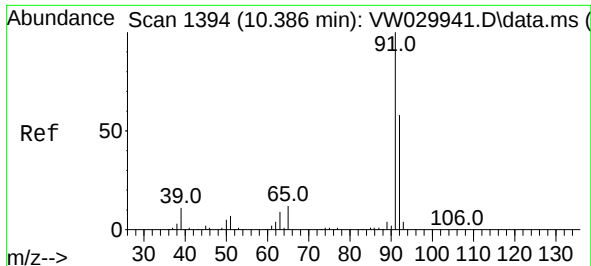
Ion Ratio Lower Upper

43 100

58 40.4 28.7 43.1

100 16.4 10.0 15.0#

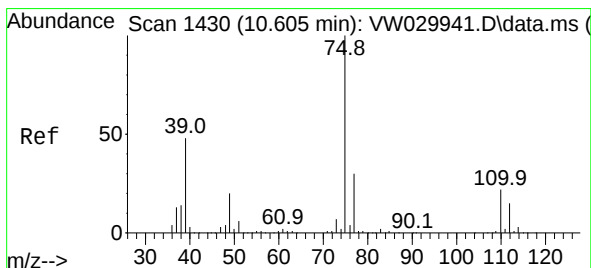
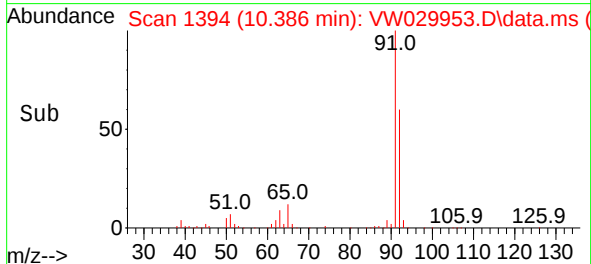
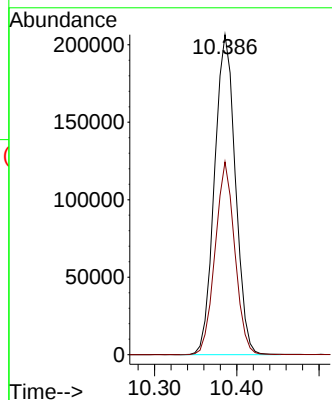
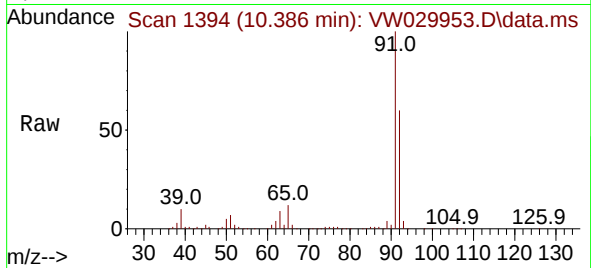




#42
Toluene
Concen: 28.880 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

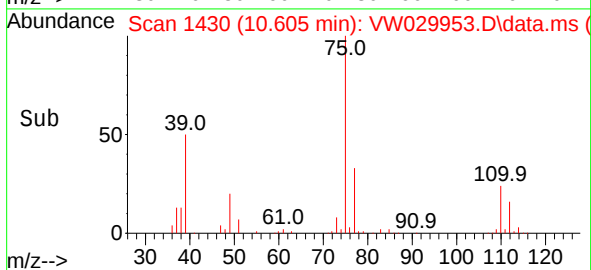
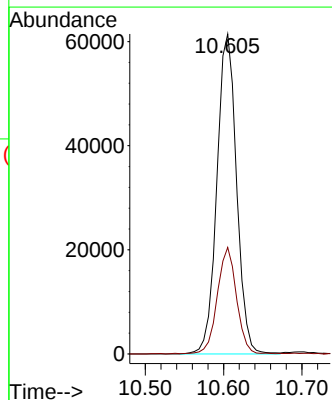
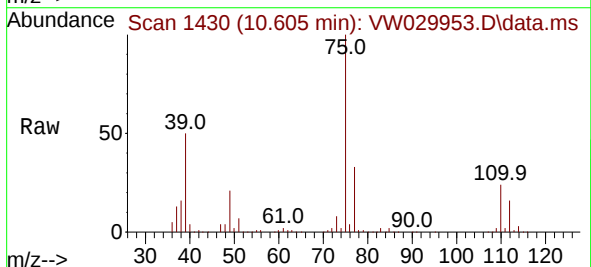
Instrument :
MSVOA_W
ClientSampleId :

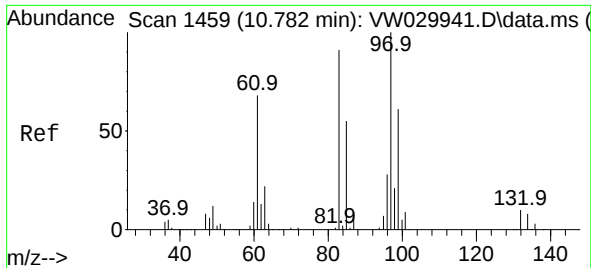
Tgt Ion: 91 Resp: 363870
Ion Ratio Lower Upper
91 100
92 60.3 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 26.227 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion: 75 Resp: 107255
Ion Ratio Lower Upper
75 100
77 33.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.773 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 63112

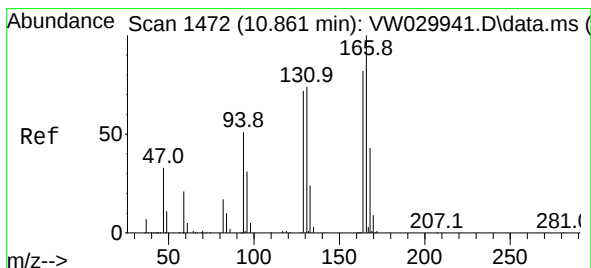
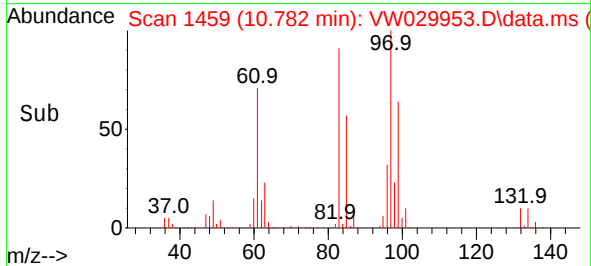
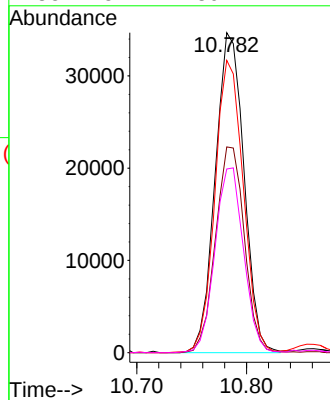
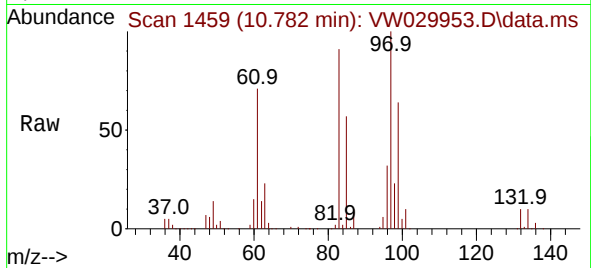
Ion Ratio Lower Upper

97 100

99 64.3 40.1 74.5

83 91.4 58.5 108.7

85 57.4 39.1 72.7



#46

Tetrachloroethene

Concen: 27.700 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Tgt Ion:164 Resp: 65147

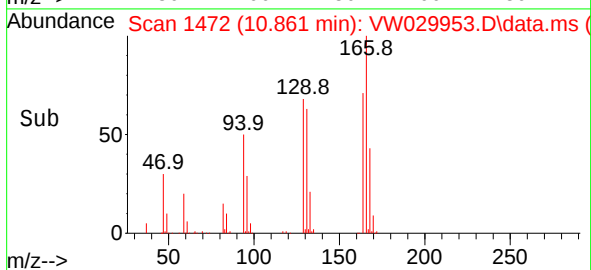
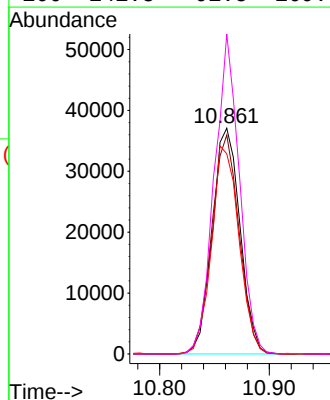
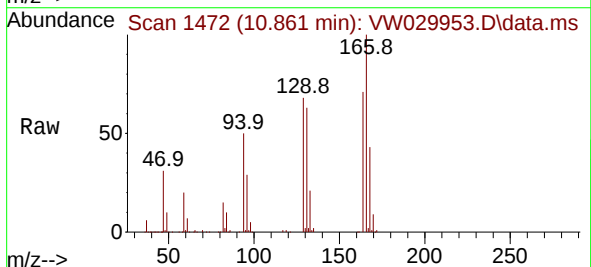
Ion Ratio Lower Upper

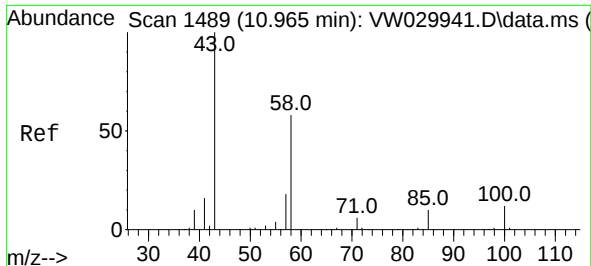
164 100

129 97.0 77.8 144.6

131 88.7 70.9 131.7

166 141.8 91.5 169.9





#48

2-Hexanone

Concen: 41.370 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 66572

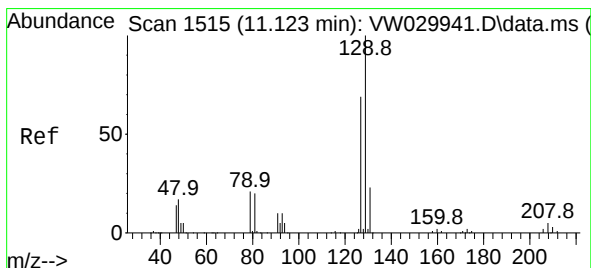
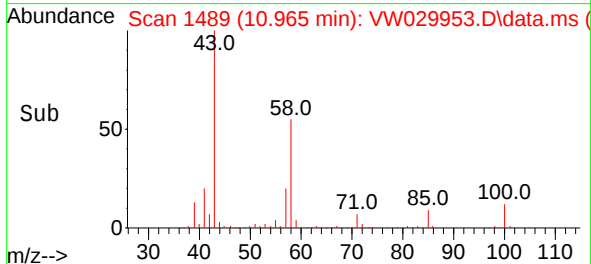
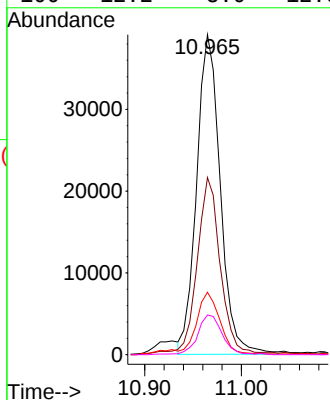
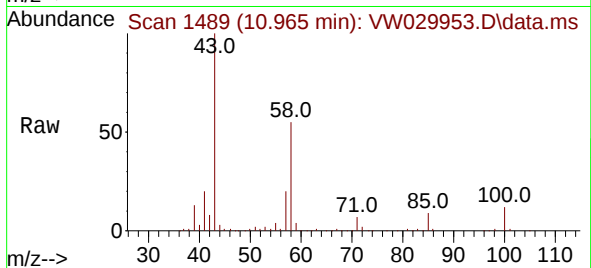
Ion Ratio Lower Upper

43 100

58 52.1 41.0 61.4

57 19.4 14.1 21.1

100 12.2 8.0 12.0#



#49

Dibromochloromethane

Concen: 29.738 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029953.D

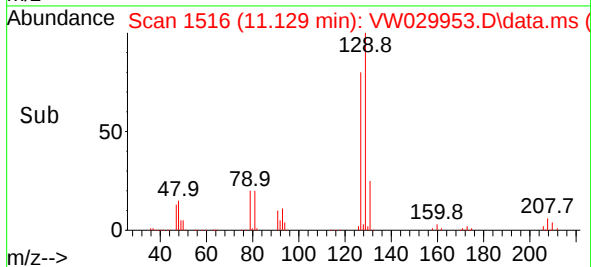
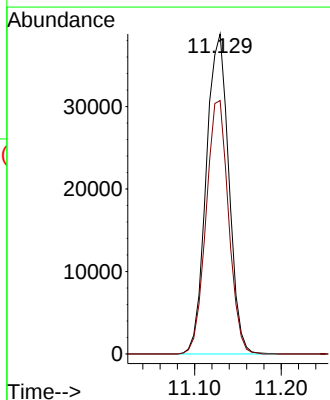
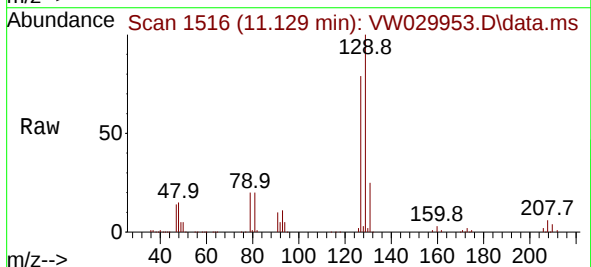
Acq: 20 Aug 2024 09:57

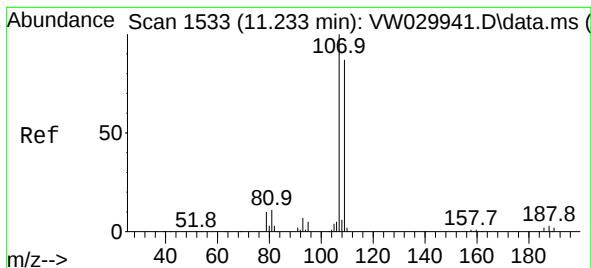
Tgt Ion:129 Resp: 70154

Ion Ratio Lower Upper

129 100

127 79.2 52.4 97.2





#50

1,2-Dibromoethane

Concen: 28.156 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

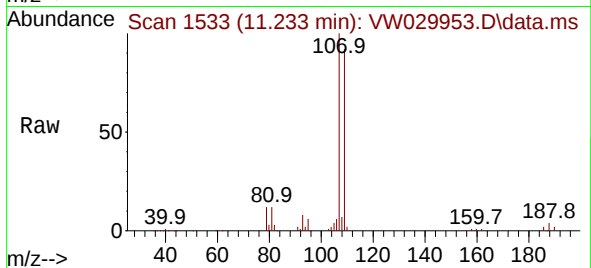
Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

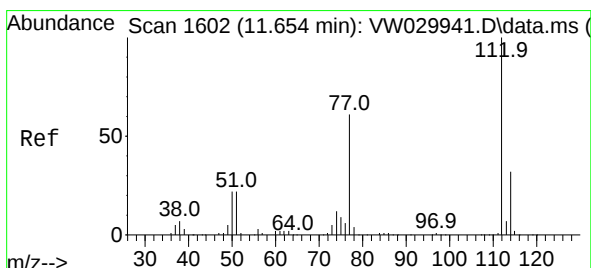
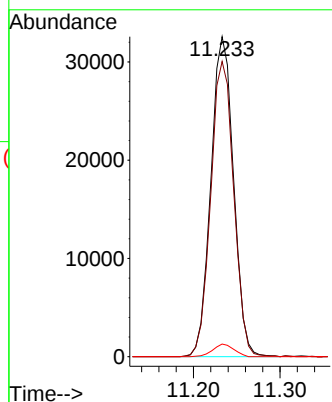
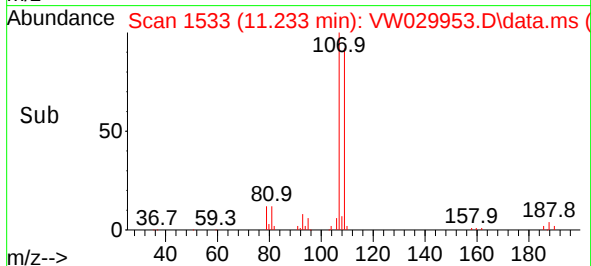
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	59200
Ion Ratio	Lower	Upper	
107	100		
109	92.3	64.8	120.3
188	3.9	2.7	4.1



#51

Chlorobenzene

Concen: 27.944 ug/L

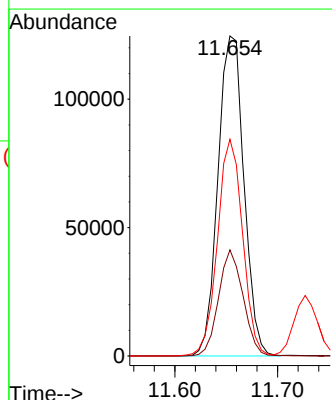
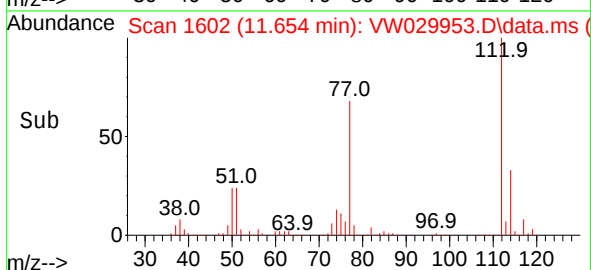
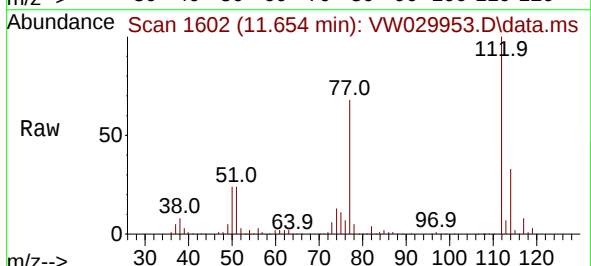
RT: 11.654 min Scan# 1602

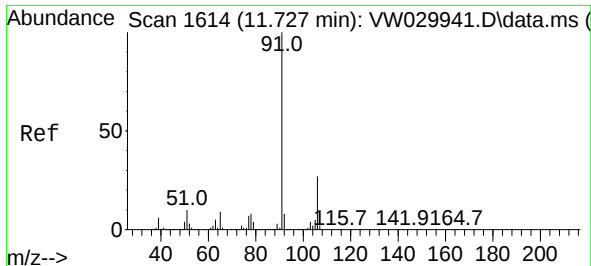
Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Tgt Ion:	112	Resp:	218997
Ion Ratio	Lower	Upper	
112	100		
114	33.2	22.0	40.8
77	67.7	53.8	80.8





#52

Ethylbenzene

Concen: 28.427 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

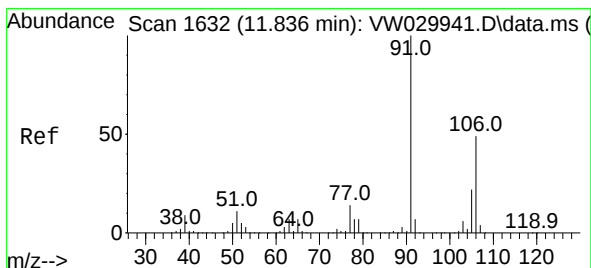
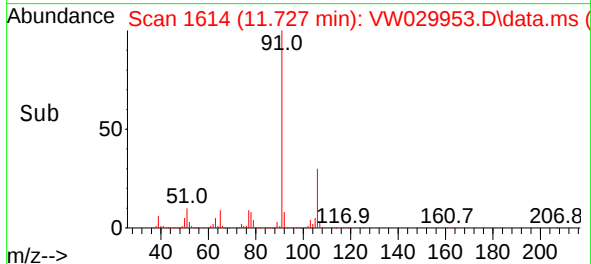
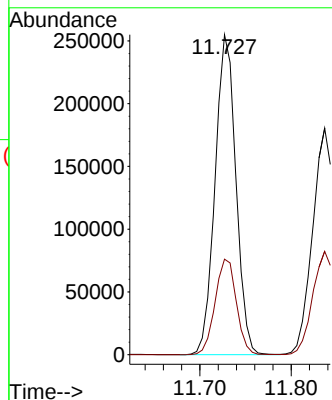
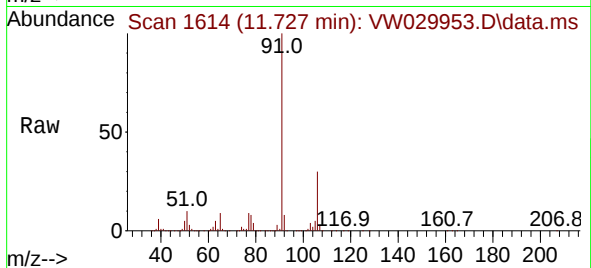
ClientSampleId :

Tgt Ion: 91 Resp: 404011

Ion Ratio Lower Upper

91 100

106 29.8 20.4 38.0



#53

m,p-Xylene

Concen: 28.359 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029953.D

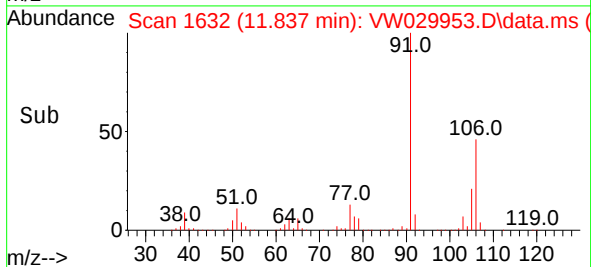
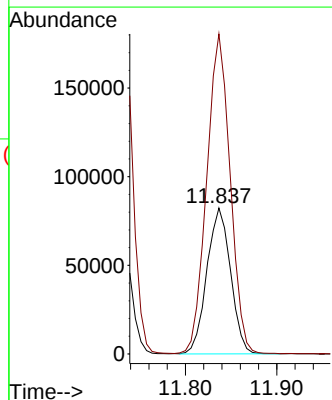
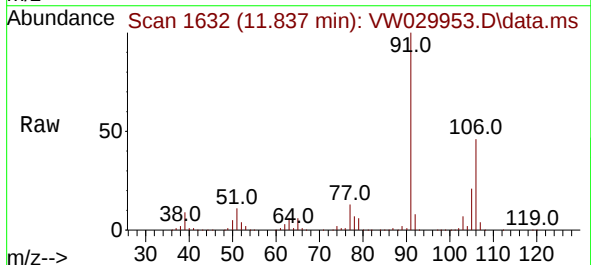
Acq: 20 Aug 2024 09:57

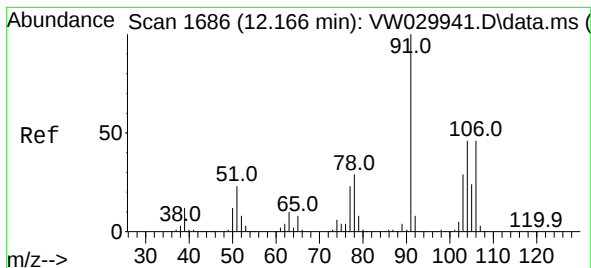
Tgt Ion:106 Resp: 148229

Ion Ratio Lower Upper

106 100

91 219.3 151.4 281.2

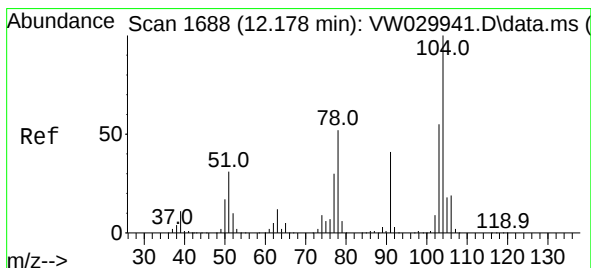
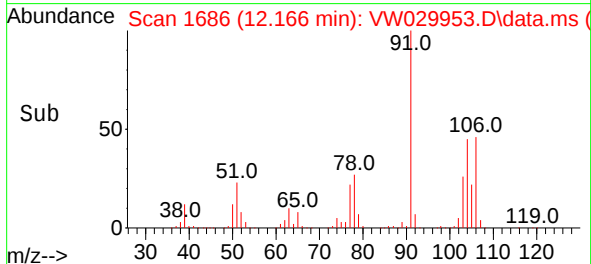
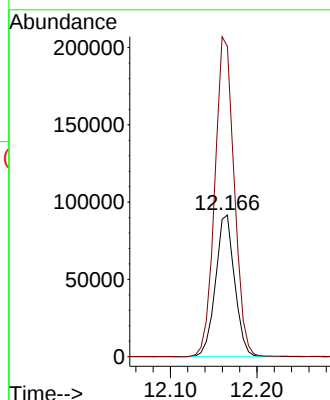
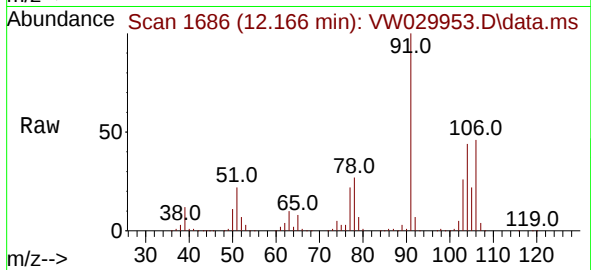




#54
o-Xylene
Concen: 29.176 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

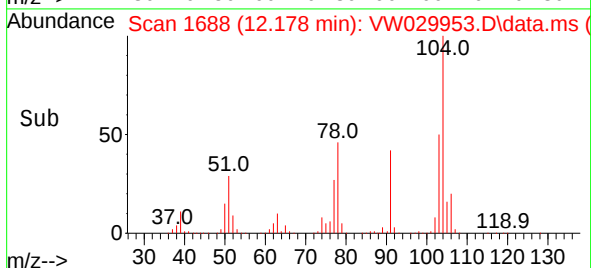
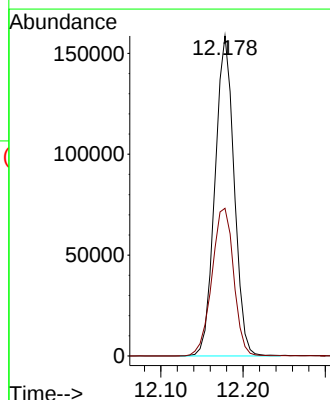
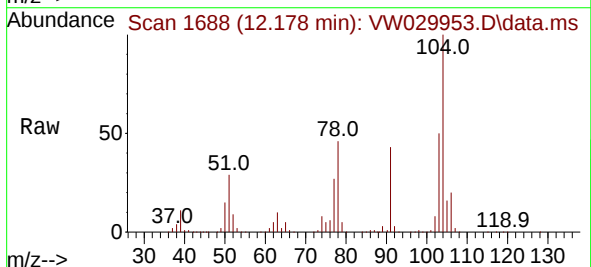
Instrument :
MSVOA_W
ClientSampleId :

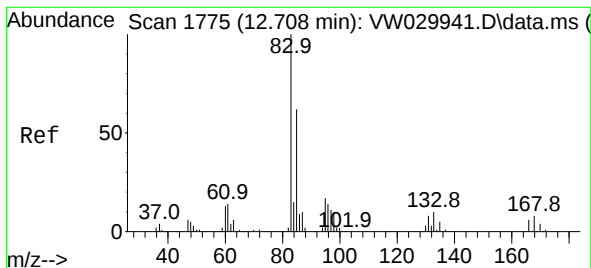
Tgt Ion:106 Resp: 140434
Ion Ratio Lower Upper
106 100
91 219.0 155.8 289.4



#55
Styrene
Concen: 30.767 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion:104 Resp: 256701
Ion Ratio Lower Upper
104 100
78 46.2 33.3 61.9

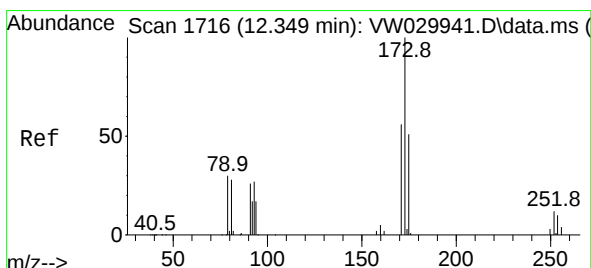
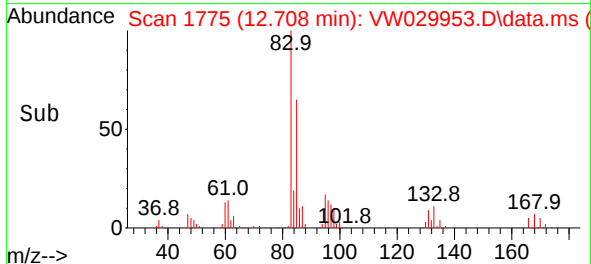
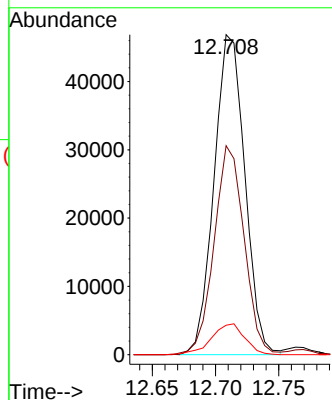
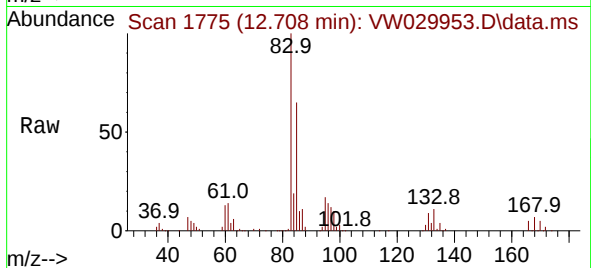




#57
1,1,2,2-Tetrachloroethane
Concen: 28.477 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

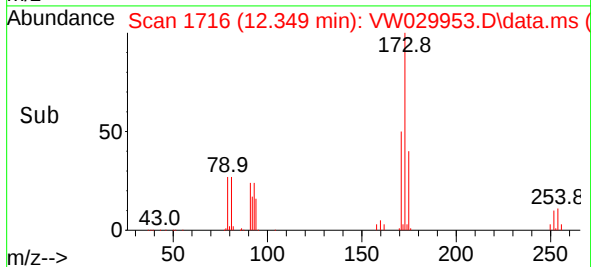
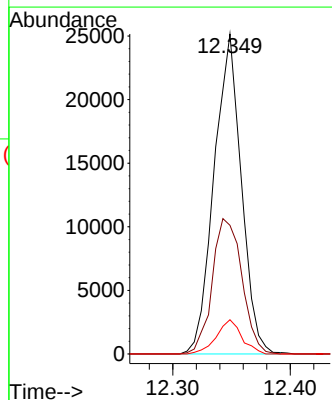
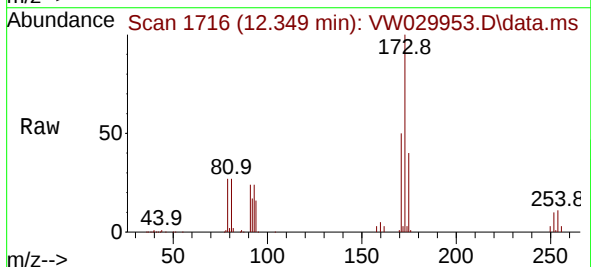
Instrument :
MSVOA_W
ClientSampleId :

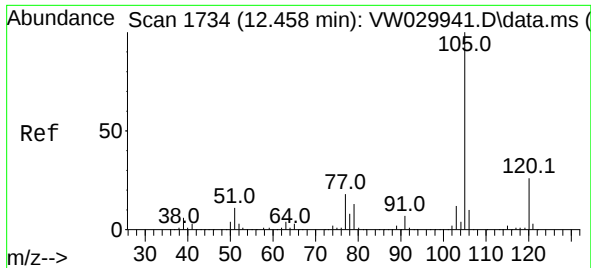
Tgt Ion: 83 Resp: 79426
Ion Ratio Lower Upper
83 100
85 65.3 44.2 82.0
131 9.2 6.2 9.2



#59
Bromoform
Concen: 29.735 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

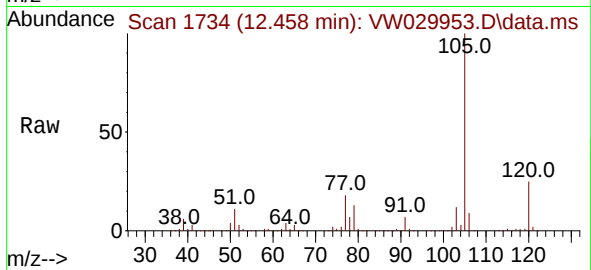
Tgt Ion:173 Resp: 40532
Ion Ratio Lower Upper
173 100
175 46.0 38.1 57.1
254 10.0 7.8 11.6



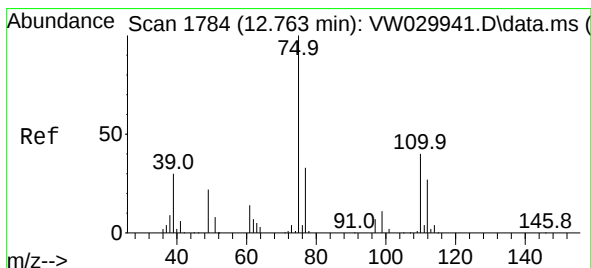
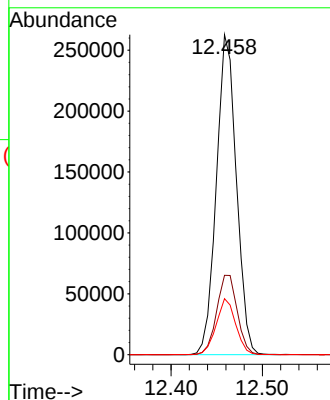
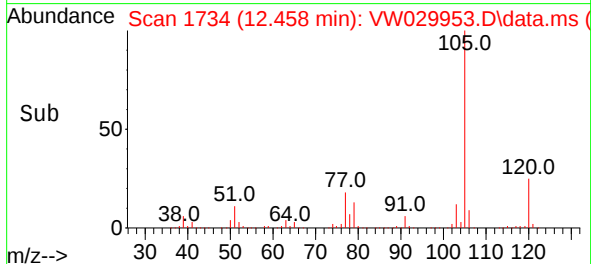


#60
Isopropylbenzene
Concen: 28.511 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

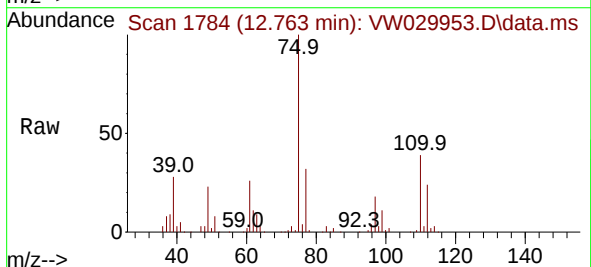
Instrument :
MSVOA_W
ClientSampleId :



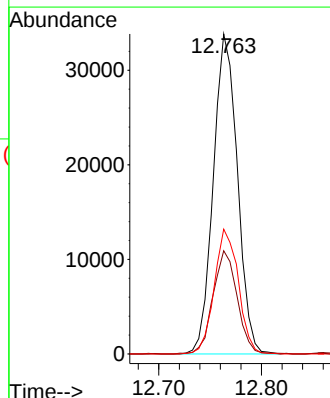
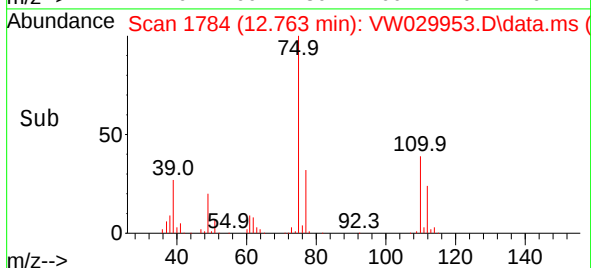
Tgt Ion:105 Resp: 399671
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 17.1 14.0 21.0

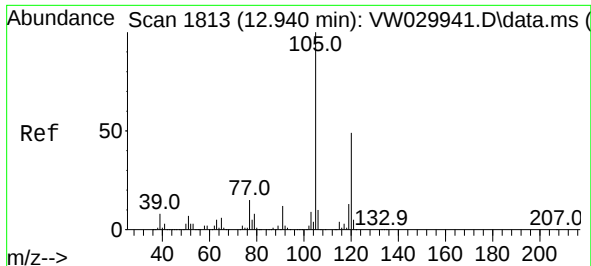


#61
1,2,3-Trichloropropane
Concen: 25.021 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57



Tgt Ion: 75 Resp: 55128
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 39.0 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 30.791 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

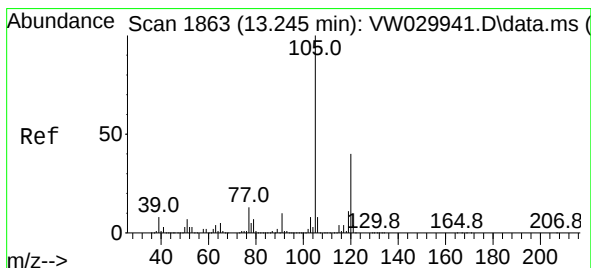
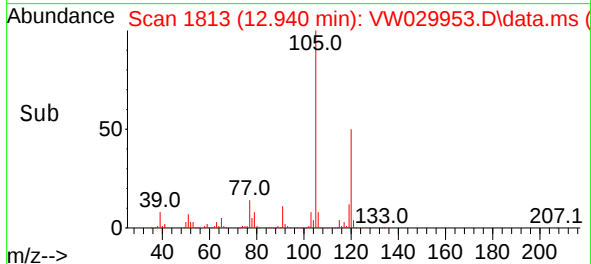
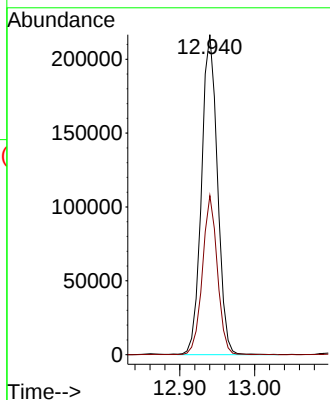
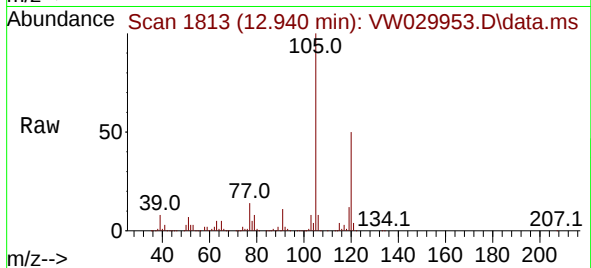
ClientSampleId :

Tgt Ion:105 Resp: 320827

Ion Ratio Lower Upper

105 100

120 46.5 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 28.298 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029953.D

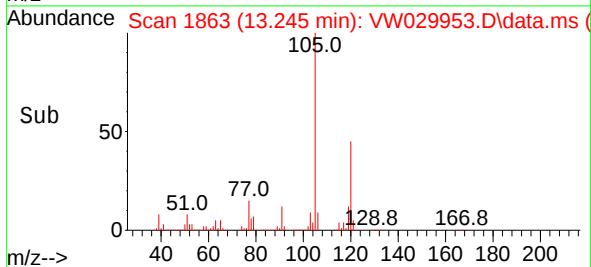
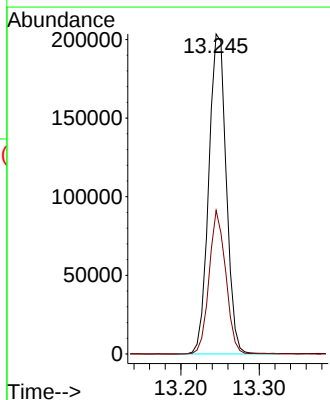
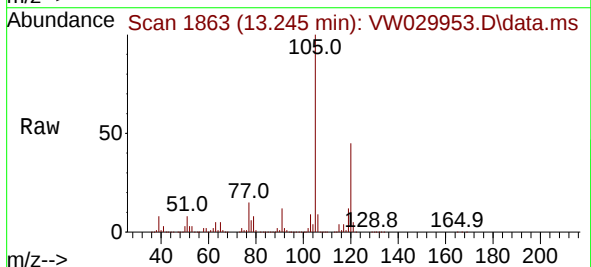
Acq: 20 Aug 2024 09:57

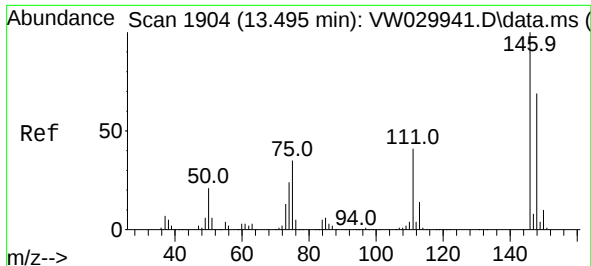
Tgt Ion:105 Resp: 315338

Ion Ratio Lower Upper

105 100

120 42.4 35.4 53.0

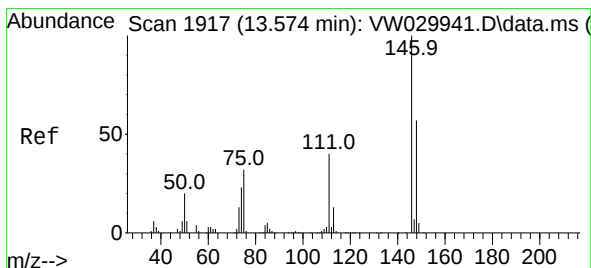
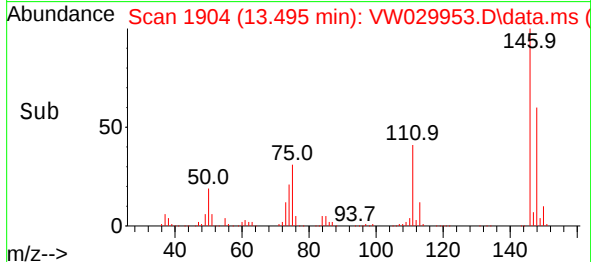
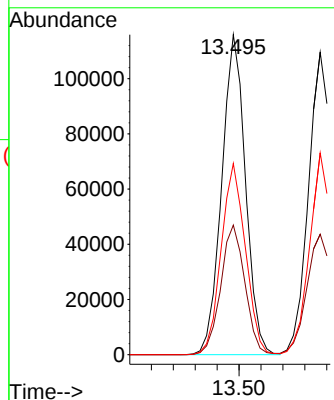
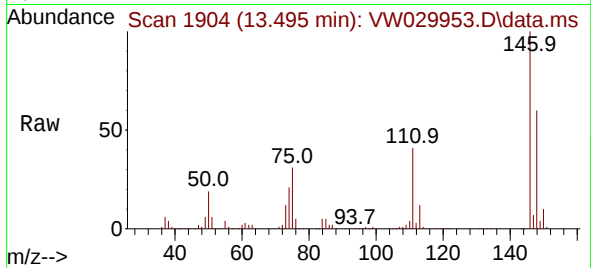




#64
1,3-Dichlorobenzene
Concen: 29.202 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

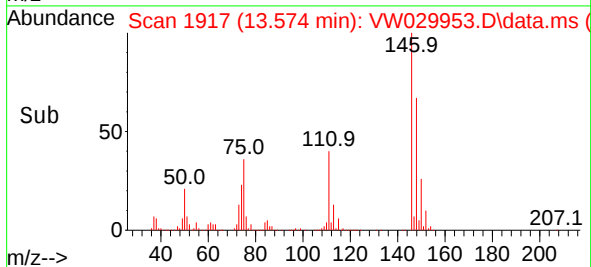
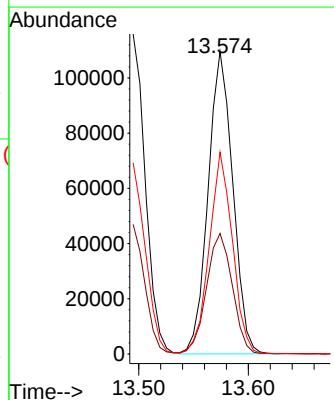
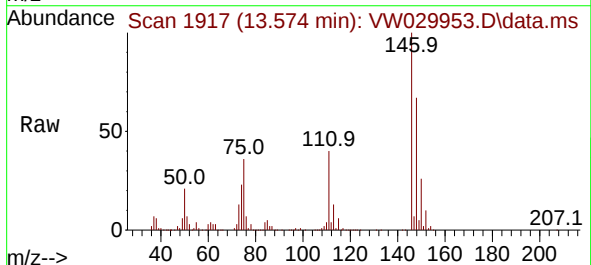
Instrument :
MSVOA_W
ClientSampleId :

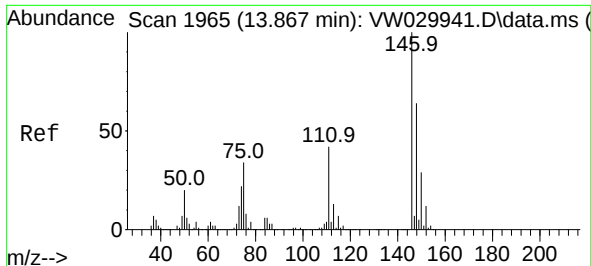
Tgt Ion:146 Resp: 174654
Ion Ratio Lower Upper
146 100
111 40.5 28.7 53.3
148 59.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 27.916 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion:146 Resp: 171502
Ion Ratio Lower Upper
146 100
111 39.9 30.1 55.9
148 66.7 45.4 84.4

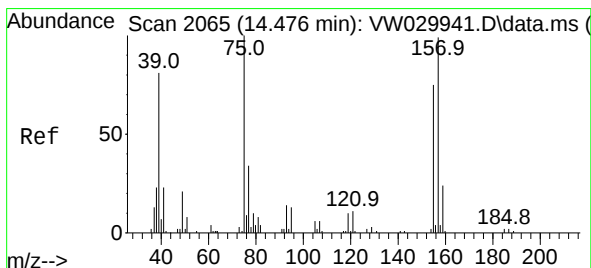
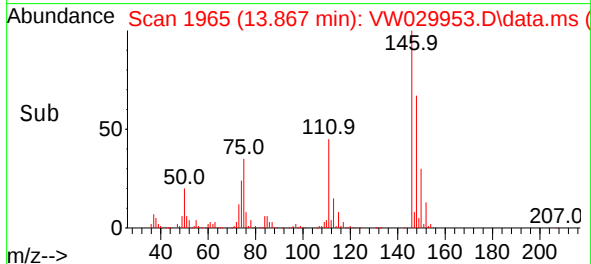
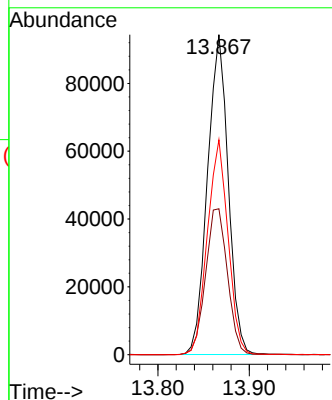
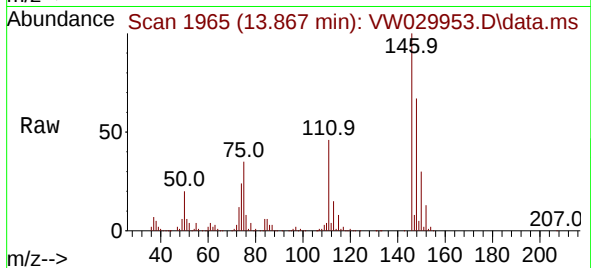




#67
1,2-Dichlorobenzene
Concen: 27.221 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

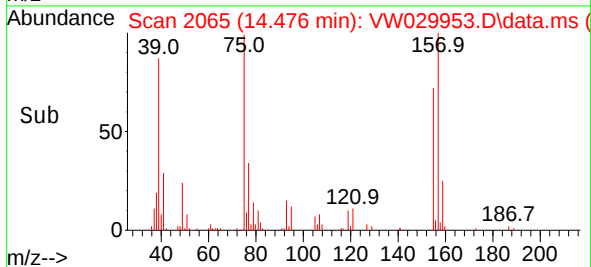
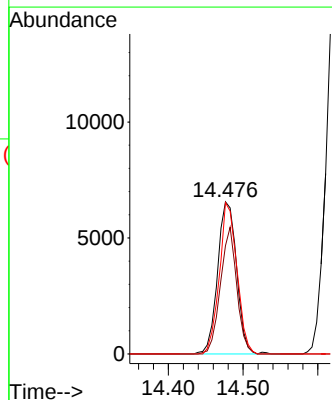
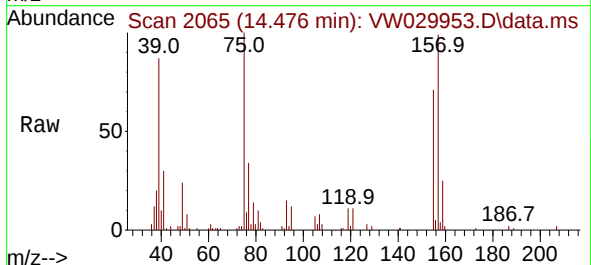
Instrument :
MSVOA_W
ClientSampleId :

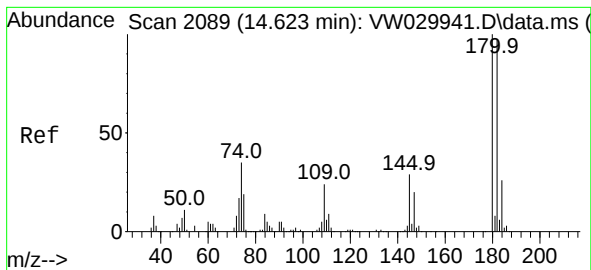
Tgt Ion:146 Resp: 148227
Ion Ratio Lower Upper
146 100
111 45.6 35.8 53.8
148 67.2 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 23.157 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion: 75 Resp: 11585
Ion Ratio Lower Upper
75 100
155 71.2 47.8 71.6
157 99.5 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 26.616 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 108915

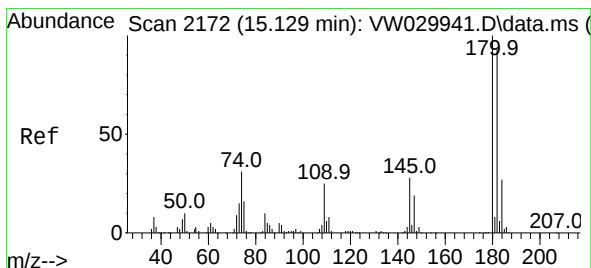
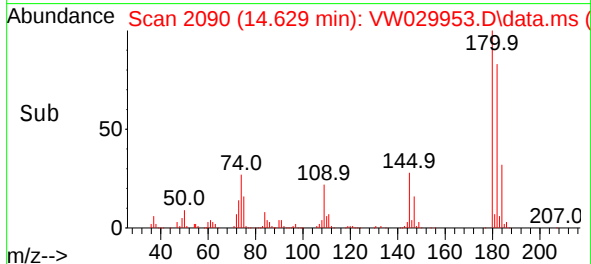
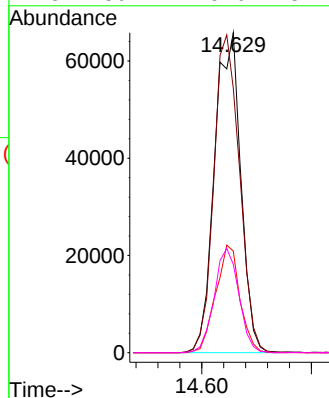
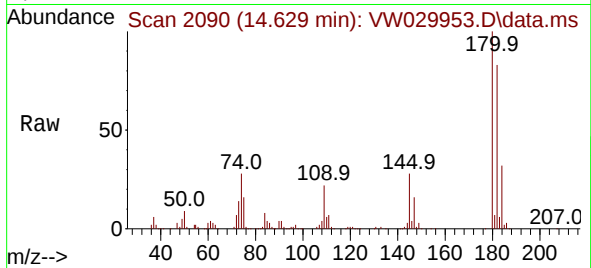
Ion Ratio Lower Upper

180 100

182 97.5 72.7 109.1

184 31.1 23.3 34.9

145 30.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.996 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029953.D

Acq: 20 Aug 2024 09:57

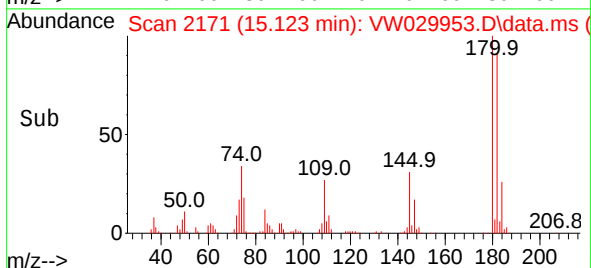
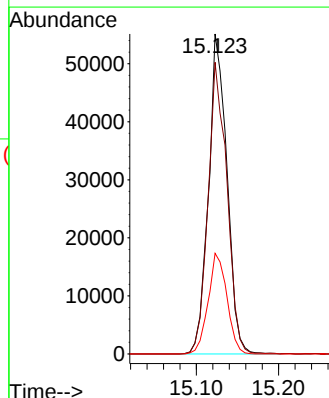
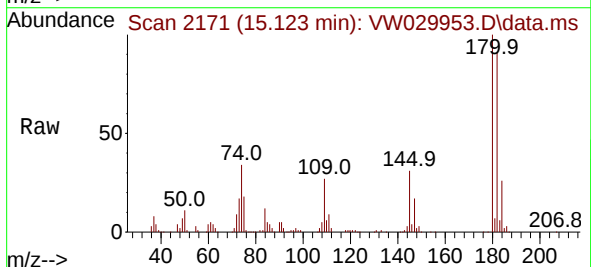
Tgt Ion:180 Resp: 86172

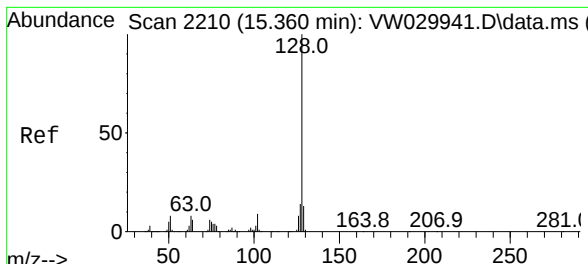
Ion Ratio Lower Upper

180 100

182 92.9 80.2 120.4

145 31.9 26.3 39.5



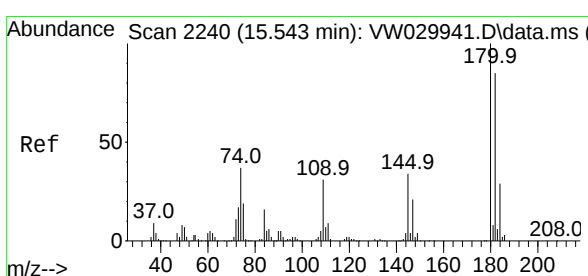
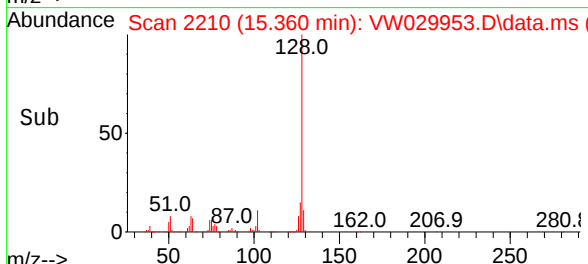
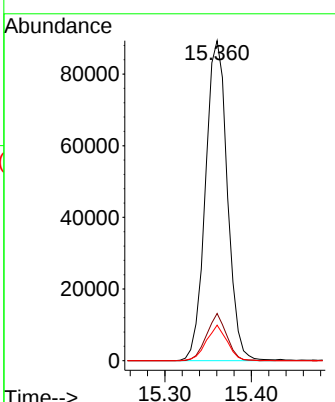
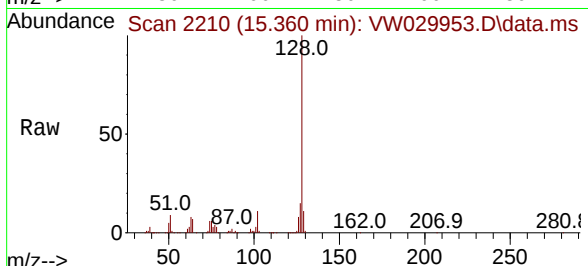


#71
Naphthalene
Concen: 23.842 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 156833

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.5	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 24.955 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029953.D
Acq: 20 Aug 2024 09:57

Tgt Ion:180 Resp: 77866

Ion	Ratio	Lower	Upper
180	100		
182	97.6	74.0	111.0
145	34.2	27.5	41.3

