

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030624\
 Data File : VW028112.D
 Acq On : 06 Mar 2024 12:01
 Operator : SY/MD
 Sample : P1677-03MSD
 Misc : 6.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 07 00:17:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 07 00:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	342098	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	297171	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	138515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	105149	25.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.000%	
7) Chloroethane-d5	2.899	69	84304	26.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.600%	
11) 1,1-Dichloroethene-d2	4.027	65	43855	26.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 105.160%	
21) 2-Butanone-d5	7.075	46	40703	69.872	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 139.740%#	
24) Chloroform-d	7.648	84	211102	29.135	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.520%	
26) 1,2-Dichloroethane-d4	8.306	65	101940	30.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 120.920%	
32) Benzene-d6	8.276	84	412416	29.729	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 118.920%	
36) 1,2-Dichloropropane-d6	9.270	67	108776	30.348	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 121.400%#	
41) Toluene-d8	10.324	98	385551	29.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 117.960%	
43) trans-1,3-Dichloroprop...	10.574	79	50825	32.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 129.440%	
47) 2-Hexanone-d5	10.922	63	41080	81.369	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 162.740%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93549	33.069	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 132.280%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	111896	27.163	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	85635	24.502	ug/L	93
3) Chloromethane	2.228	50	79852	24.030	ug/L	98
5) Vinyl chloride	2.374	62	106953	23.095	ug/L	95
6) Bromomethane	2.789	94	85161	23.050	ug/L	95
8) Chloroethane	2.935	64	59617	20.499	ug/L	99
9) Trichlorofluoromethane	3.265	101	93461	21.637	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	102811	22.894	ug/L #	76
13) Acetone	4.118	43	42825	52.594	ug/L	97
14) Carbon disulfide	4.399	76	281084	21.698	ug/L	97
15) Methyl Acetate	4.673	43	31517	27.385	ug/L	97
16) Methylene chloride	4.923	84	95493	20.292	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	106021	23.332	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	143712	25.824	ug/L	99
19) 1,1-Dichloroethane	6.215	63	170961	23.794	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	114040	23.847	ug/L	97
22) 2-Butanone	7.172	43	51063	56.152	ug/L	100
23) Bromochloromethane	7.514	128	53930	24.022	ug/L	97
25) Chloroform	7.678	83	194286	24.210	ug/L	94
27) 1,2-Dichloroethane	8.398	62	118579	24.849	ug/L	100

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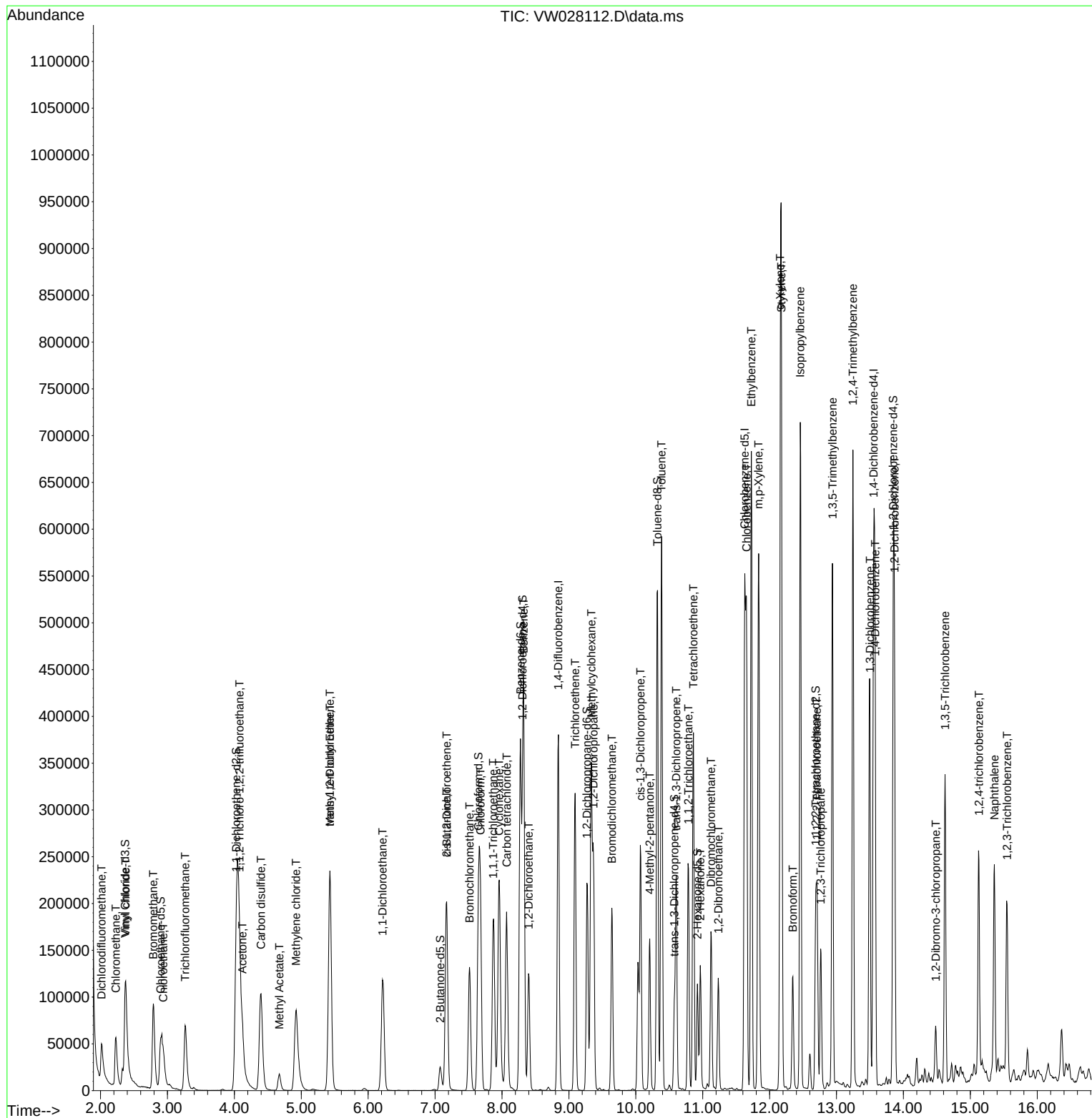
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	135344	23.684	ug/L	98
30) 1,1,1-Trichloroethane	7.867	97	160973	24.261	ug/L	99
31) Carbon tetrachloride	8.069	117	153744	24.813	ug/L	99
33) Benzene	8.325	78	406310	25.308	ug/L	100
34) Trichloroethene	9.093	95	112005	23.811	ug/L	93
35) Methylcyclohexane	9.337	83	160845	21.127	ug/L	98
37) 1,2-Dichloropropane	9.367	63	94614	25.307	ug/L	99
38) Bromodichloromethane	9.642	83	136001	25.185	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	164316	26.726	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	91703	61.755	ug/L	99
42) Toluene	10.385	91	458802	25.292	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	135795	27.189	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	80740	25.750	ug/L	97
46) Tetrachloroethene	10.861	164	89217	22.630	ug/L	93
48) 2-Hexanone	10.964	43	74218	61.813	ug/L	99
49) Dibromochloromethane	11.123	129	92340	25.333	ug/L	90
50) 1,2-Dibromoethane	11.233	107	80227	26.566	ug/L #	97
51) Chlorobenzene	11.653	112	280727	23.193	ug/L	90
52) Ethylbenzene	11.726	91	491487	23.698	ug/L	98
53) m,p-Xylene	11.836	106	194714	24.197	ug/L	96
54) o-Xylene	12.159	106	185062	24.301	ug/L	99
55) Styrene	12.178	104	305343	23.510	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	90292	26.707	ug/L	97
59) Bromoform	12.348	173	55696	28.363	ug/L	97
60) Isopropylbenzene	12.458	105	472198	24.849	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63638	29.887	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	305897	24.552	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	379373	25.534	ug/L	97
64) 1,3-Dichlorobenzene	13.501	146	186704	21.259	ug/L	93
65) 1,4-Dichlorobenzene	13.580	146	187320	21.127	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	170198	21.514	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	14124	31.582	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	106575	16.444	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	85296	16.388	ug/L	95
71) Naphthalene	15.360	128	201868	23.714	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	66303	15.233	ug/L #	86

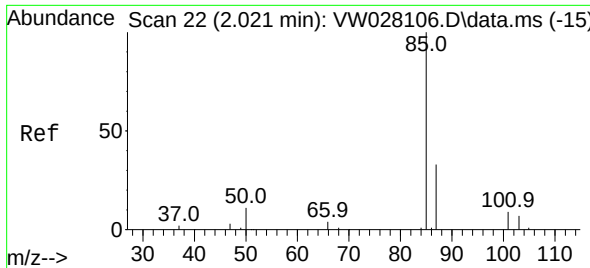
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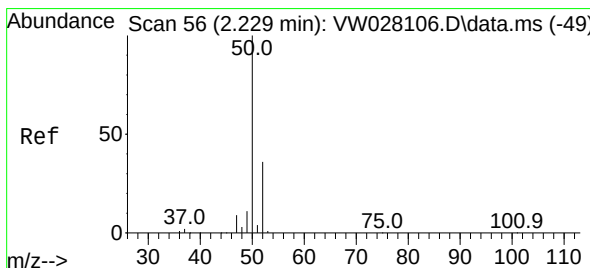
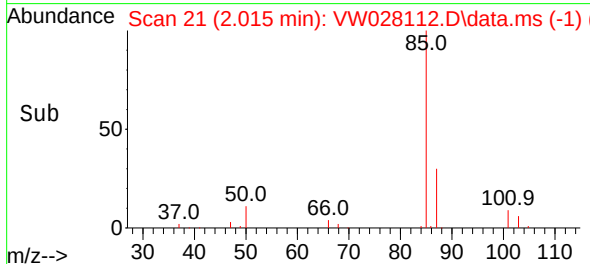
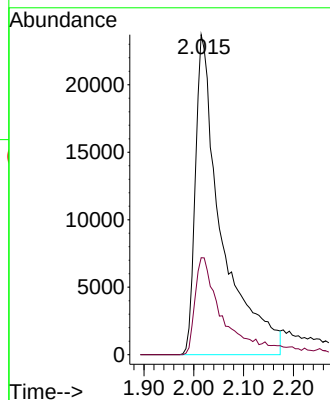
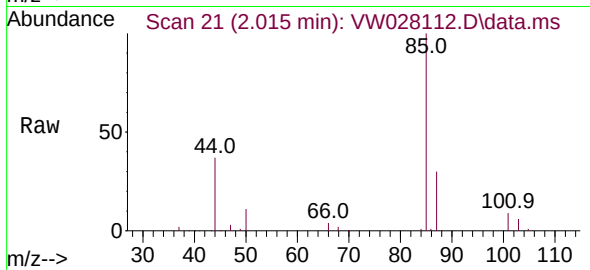




#2
 Dichlorodifluoromethane
 Concen: 24.502 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VW028112.D
 Acq: 06 Mar 2024 12:01

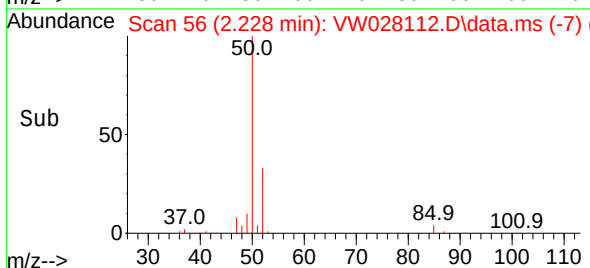
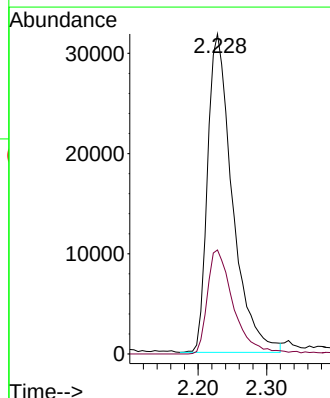
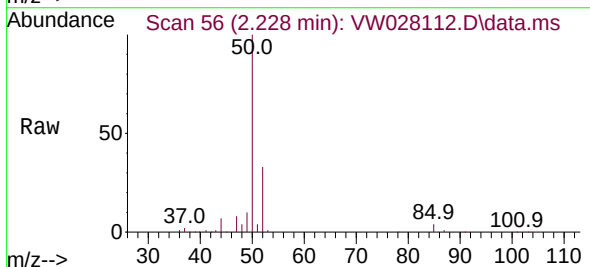
Instrument :
 MSVOA_W
 ClientSampleId :

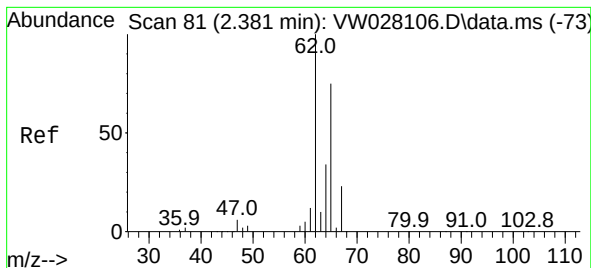
Tgt Ion: 85 Resp: 85635
 Ion Ratio Lower Upper
 85 100
 87 29.3 26.6 39.8



#3
 Chloromethane
 Concen: 24.030 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW028112.D
 Acq: 06 Mar 2024 12:01

Tgt Ion: 50 Resp: 79852
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.7 43.9





#5

Vinyl chloride

Concen: 23.095 ug/L

RT: 2.374 min Scan# 80

Delta R.T. -0.007 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

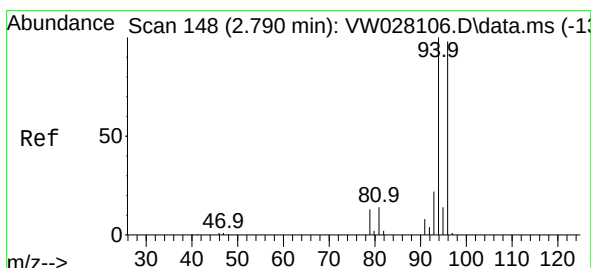
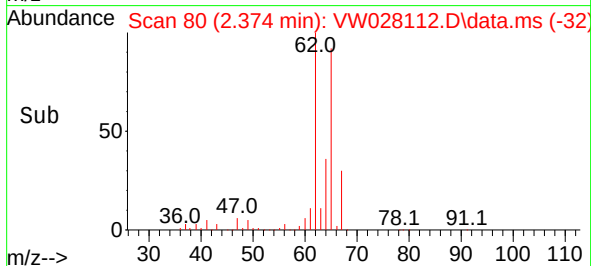
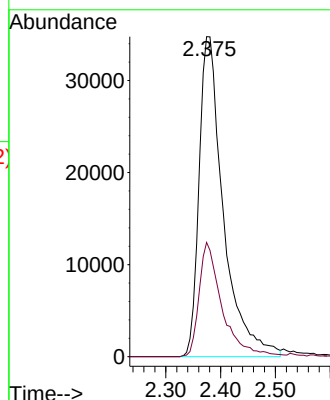
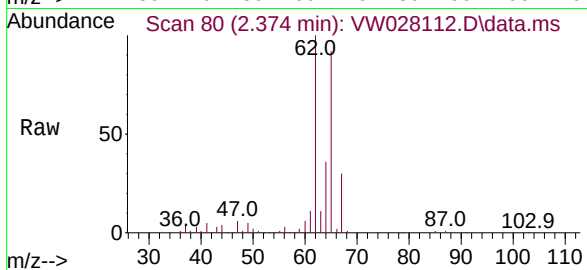
ClientSampleId :

Tgt Ion: 62 Resp: 106953

Ion Ratio Lower Upper

62 100

64 35.7 23.2 43.0



#6

Bromomethane

Concen: 23.050 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW028112.D

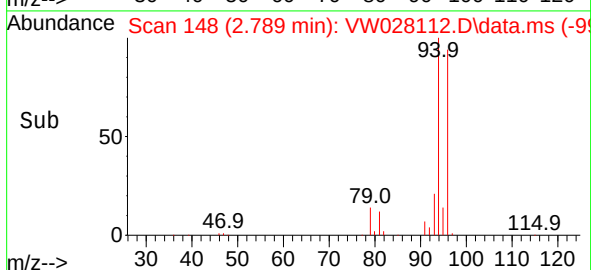
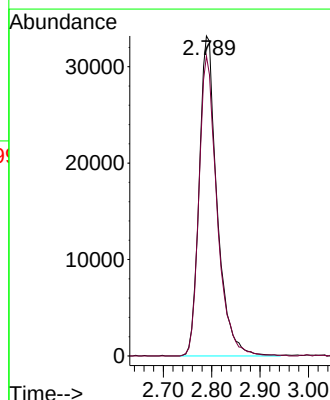
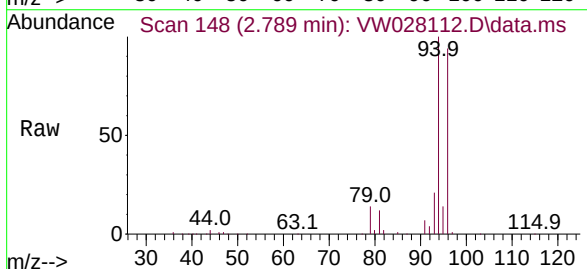
Acq: 06 Mar 2024 12:01

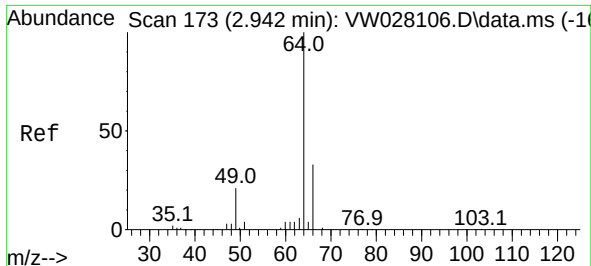
Tgt Ion: 94 Resp: 85161

Ion Ratio Lower Upper

94 100

96 93.7 69.1 128.3

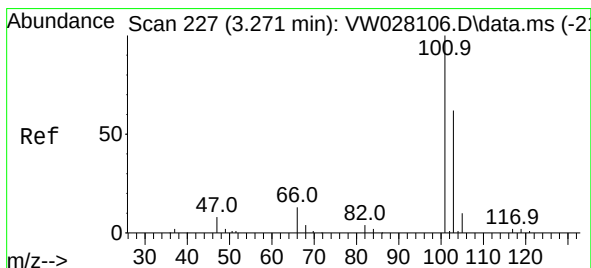
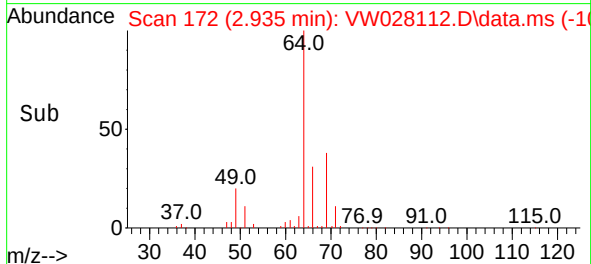
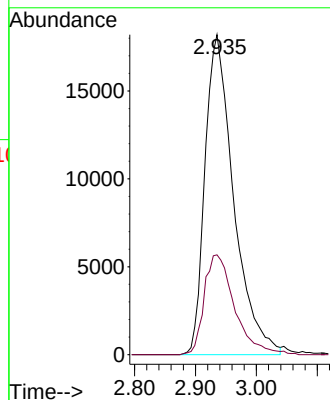
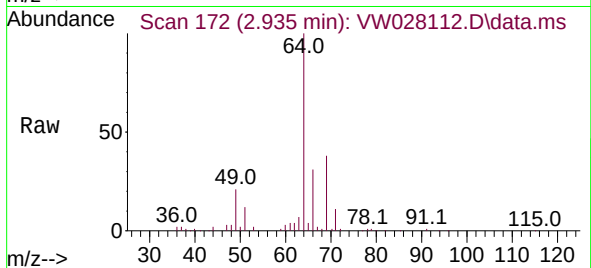




#8
Chloroethane
Concen: 20.499 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

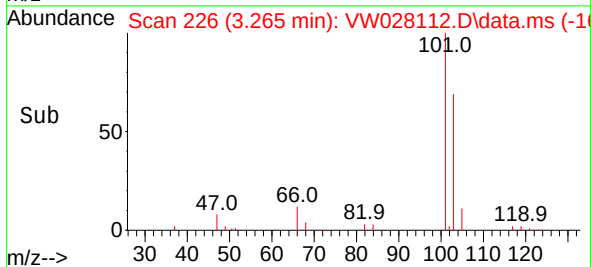
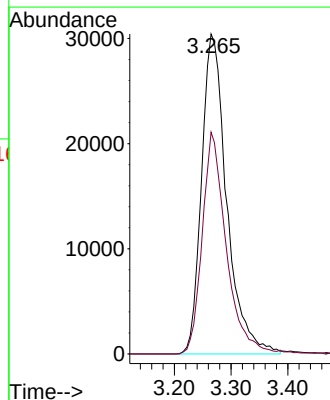
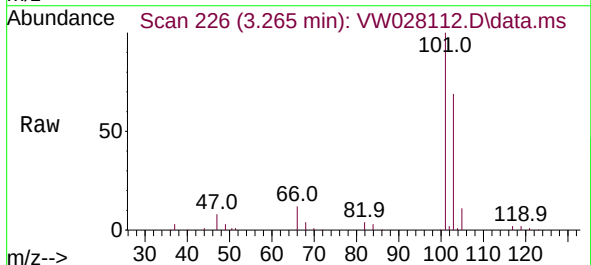
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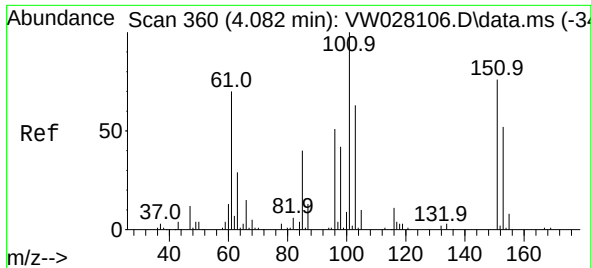
Tgt Ion: 64 Resp: 59617
Ion Ratio Lower Upper
64 100
66 31.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 21.637 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.007 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

Tgt Ion:101 Resp: 93461
Ion Ratio Lower Upper
101 100
103 66.2 52.6 78.8

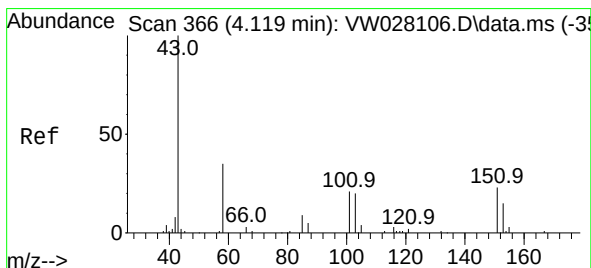
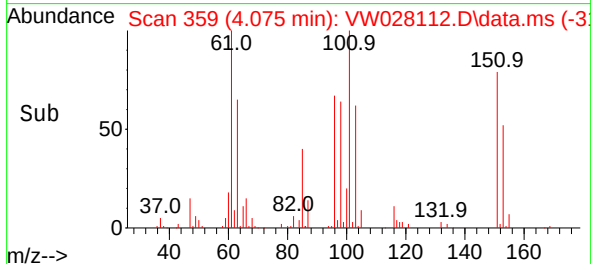
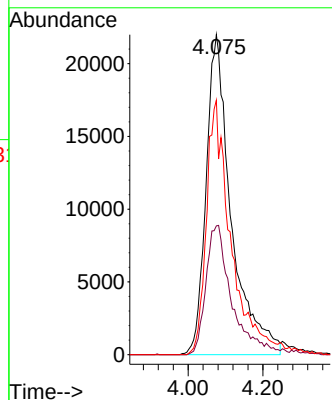
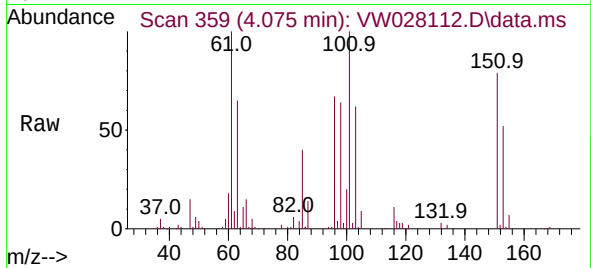




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.894 ug/L
RT: 4.075 min Scan# 359
Delta R.T. -0.007 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

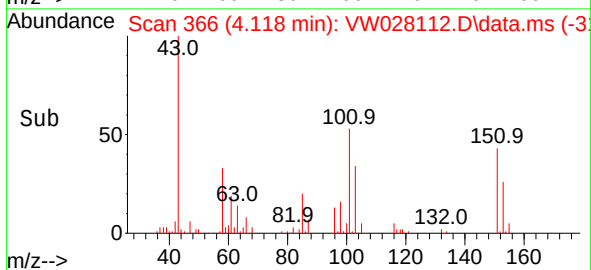
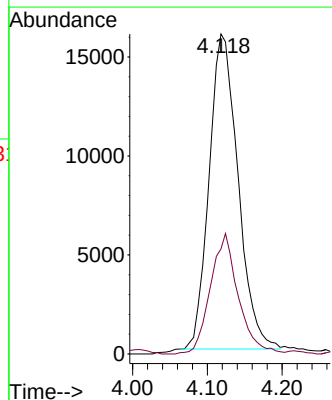
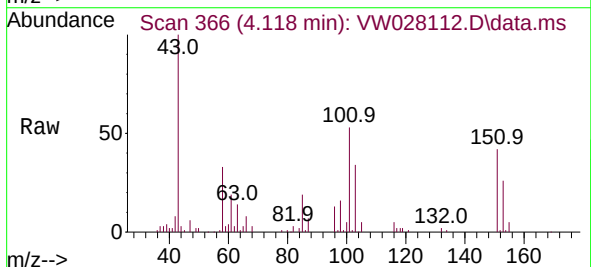
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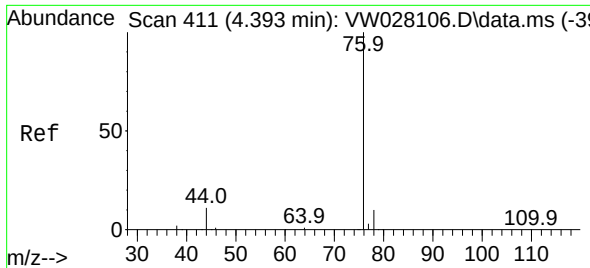
Tgt Ion:101 Resp: 102811
Ion Ratio Lower Upper
101 100
85 38.1 33.1 49.7
151 38.2 53.7 80.5#



#13
Acetone
Concen: 52.594 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW028112.D
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Tgt Ion: 43 Resp: 42825
Ion Ratio Lower Upper
43 100
58 36.8 0.0 70.0

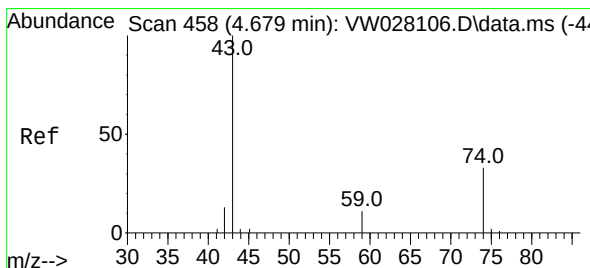
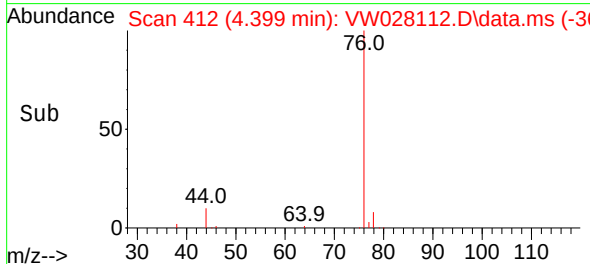
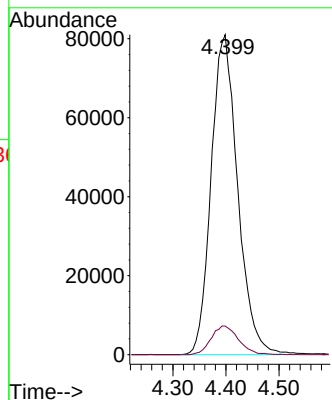
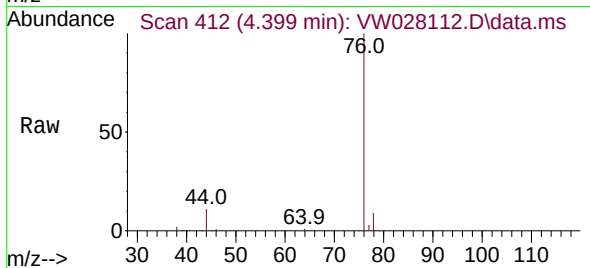




#14
Carbon disulfide
Concen: 21.698 ug/L
RT: 4.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

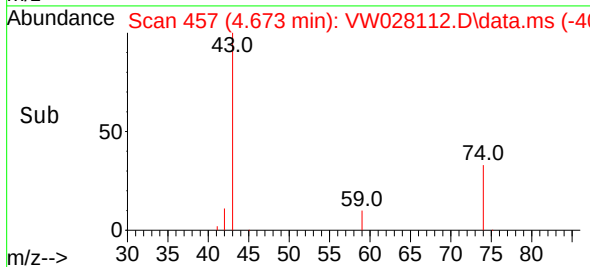
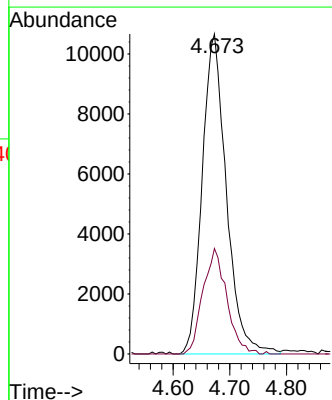
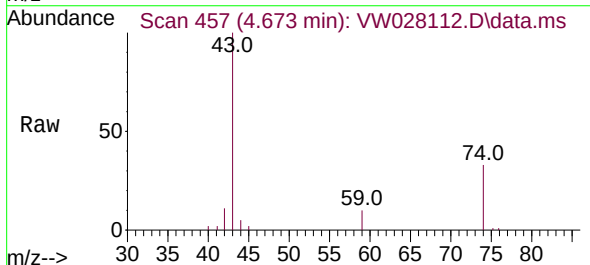
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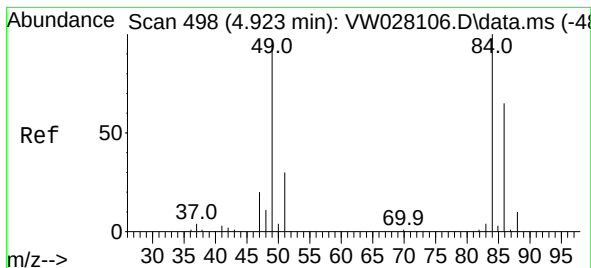
Tgt Ion: 76 Resp: 281084
Ion Ratio Lower Upper
76 100
78 9.0 7.9 11.9



#15
Methyl Acetate
Concen: 27.385 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.007 min
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Tgt Ion: 43 Resp: 31517
Ion Ratio Lower Upper
43 100
74 32.2 24.3 36.5





#16

Methylene chloride

Concen: 20.292 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

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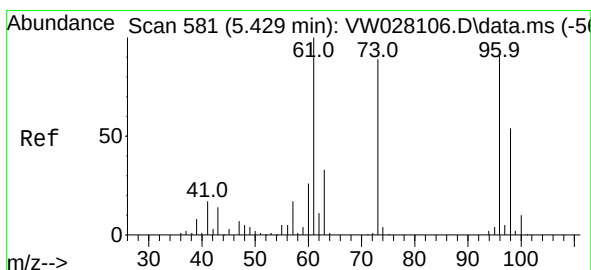
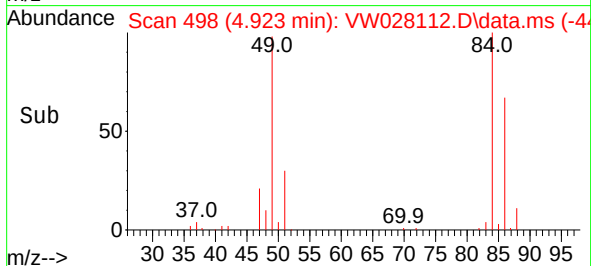
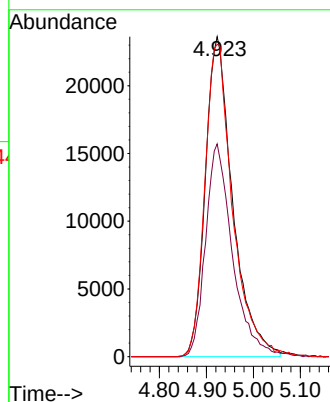
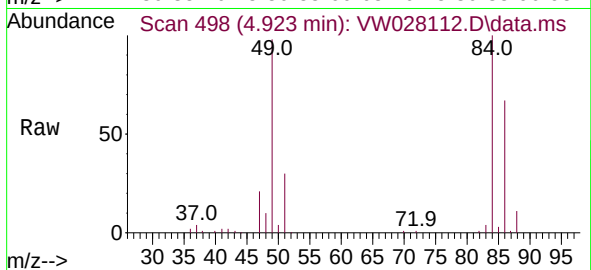
Tgt Ion: 84 Resp: 95493

Ion Ratio Lower Upper

84 100

86 66.5 41.2 76.6

49 97.7 66.5 123.5



#17

trans-1,2-Dichloroethene

Concen: 23.332 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

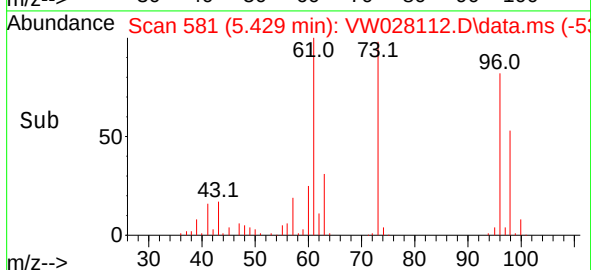
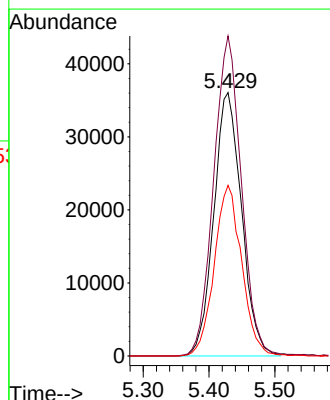
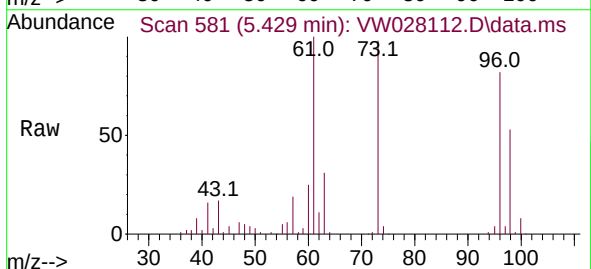
Tgt Ion: 96 Resp: 106021

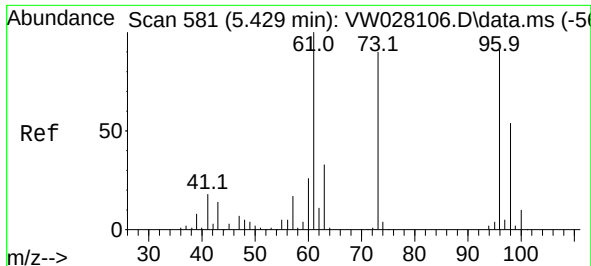
Ion Ratio Lower Upper

96 100

61 121.5 82.6 153.4

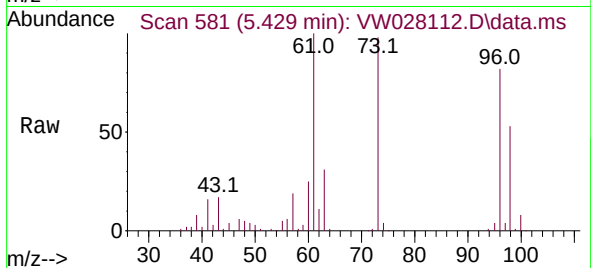
98 64.8 44.7 83.1



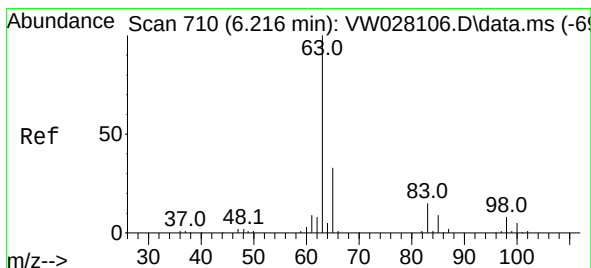
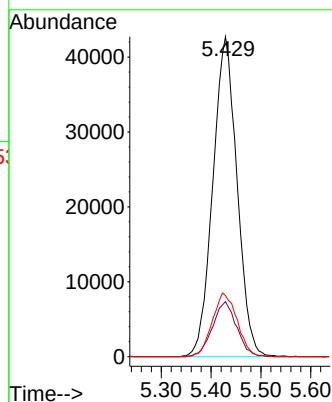
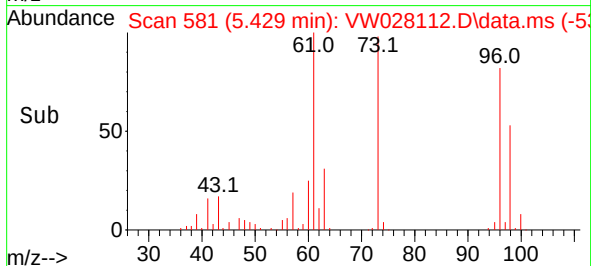


#18
Methyl tert-butyl Ether
Concen: 25.824 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

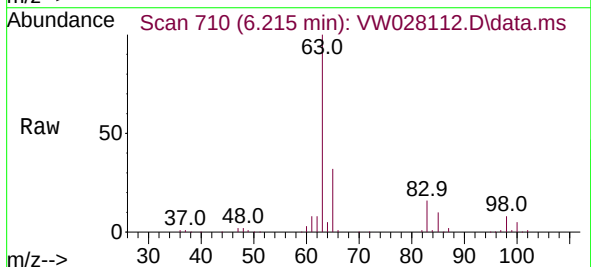
Instrument :
MSVOA_W
ClientSampleId :



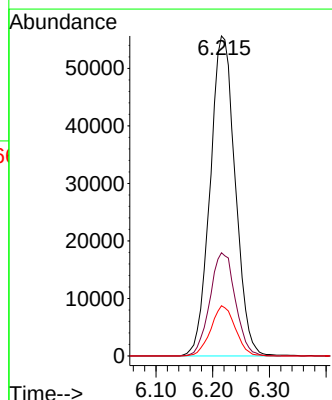
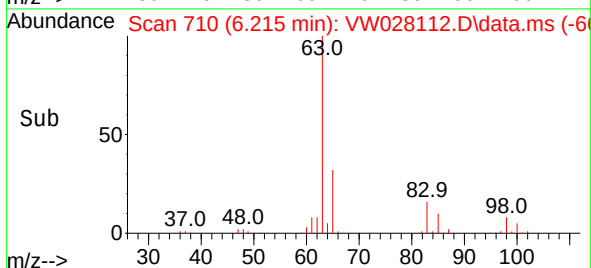
Tgt Ion: 73 Resp: 143712
Ion Ratio Lower Upper
73 100
43 17.1 13.3 19.9
57 20.4 15.9 23.9

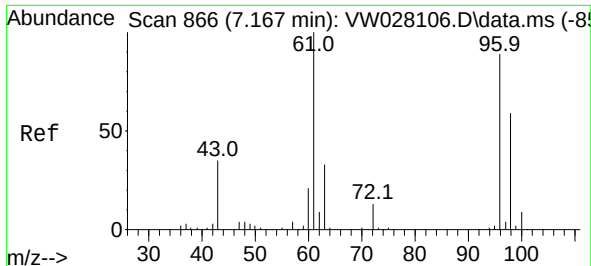


#19
1,1-Dichloroethane
Concen: 23.794 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01



Tgt Ion: 63 Resp: 170961
Ion Ratio Lower Upper
63 100
65 32.3 23.2 43.0
83 15.7 10.2 19.0





#20

cis-1,2-Dichloroethene

Concen: 23.847 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

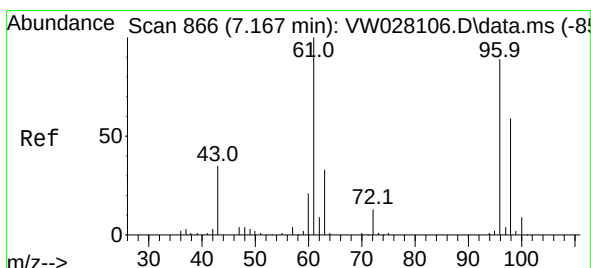
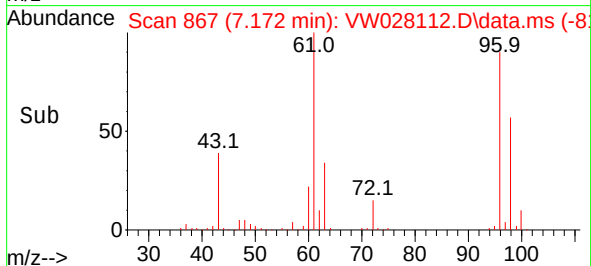
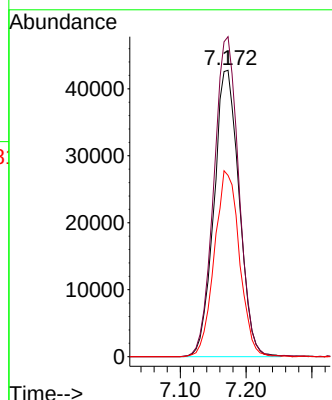
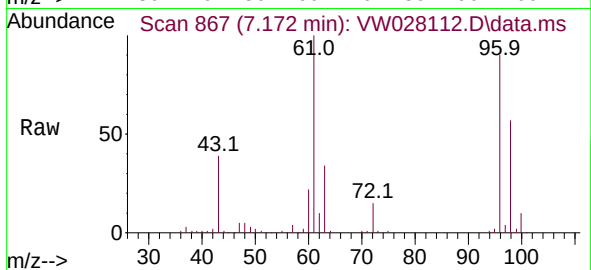
Tgt Ion: 96 Resp: 114040

Ion Ratio Lower Upper

96 100

61 111.7 75.5 140.1

98 63.3 43.8 81.4



#22

2-Butanone

Concen: 56.152 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028112.D

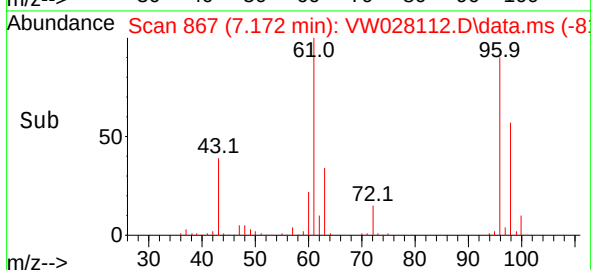
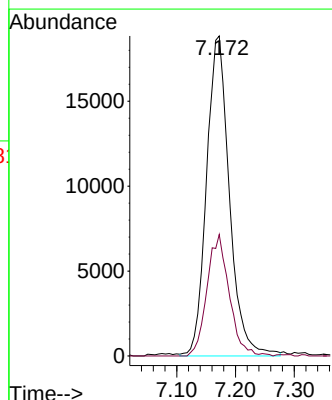
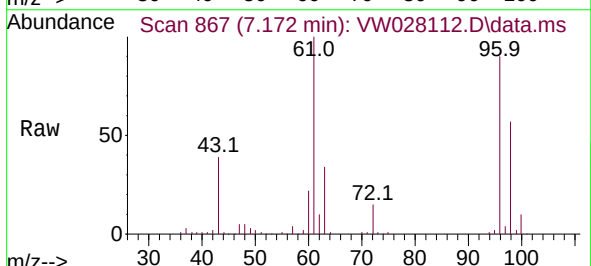
Acq: 06 Mar 2024 12:01

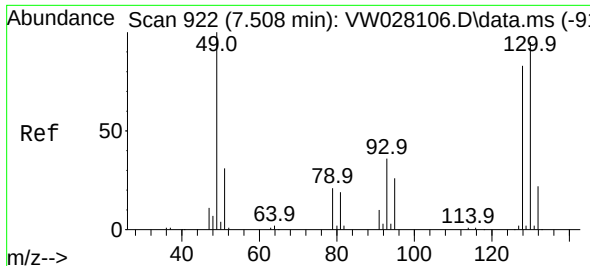
Tgt Ion: 43 Resp: 51063

Ion Ratio Lower Upper

43 100

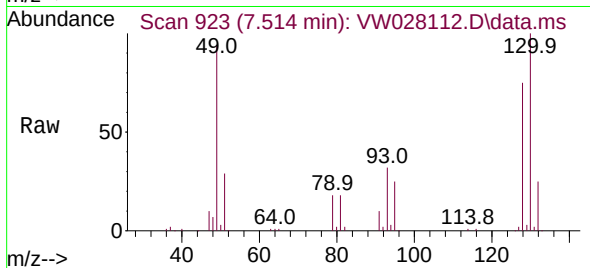
72 36.5 18.4 55.0



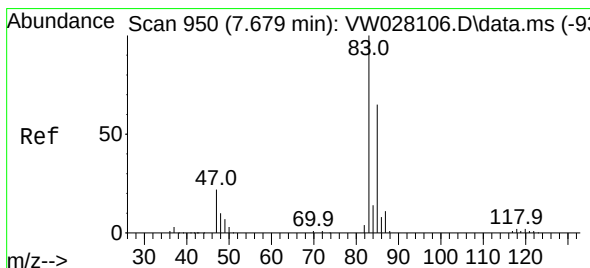
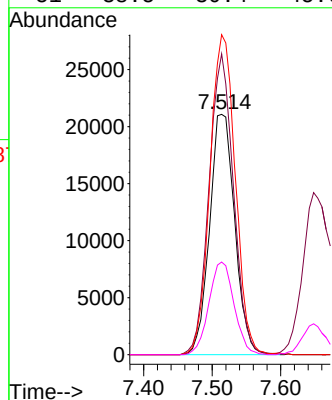
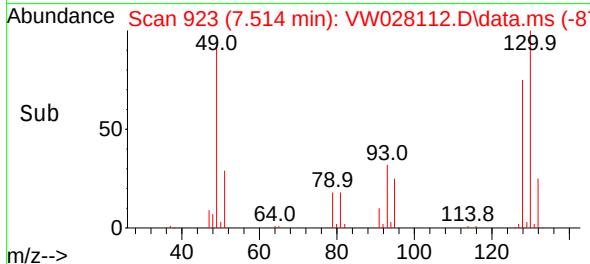


#23
Bromochloromethane
Concen: 24.022 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

Instrument :
MSVOA_W
ClientSampleId :

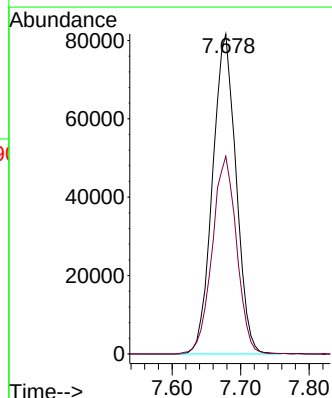
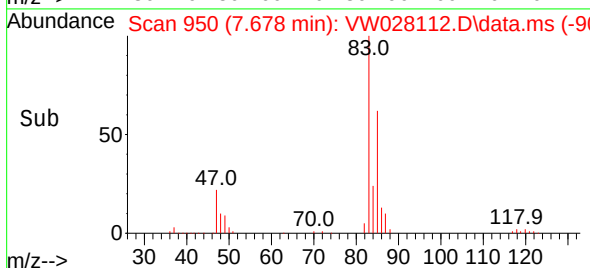
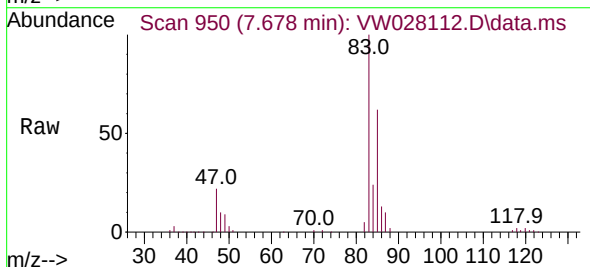


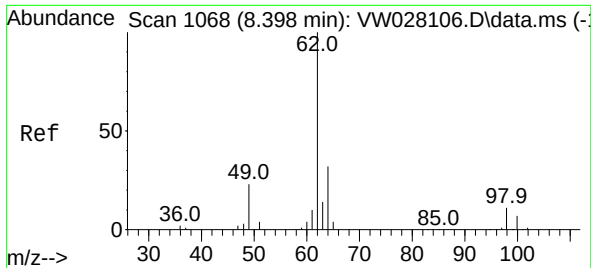
Tgt Ion:	128	Resp:	53930
Ion	Ratio	Lower	Upper
128	100		
49	125.2	84.4	156.8
130	133.1	91.1	169.3
51	38.5	30.4	45.6



#25
Chloroform
Concen: 24.210 ug/L
RT: 7.678 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

Tgt Ion:	83	Resp:	194286
Ion	Ratio	Lower	Upper
83	100		
85	61.7	46.5	86.5





#27

1,2-Dichloroethane

Concen: 24.849 ug/L

RT: 8.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

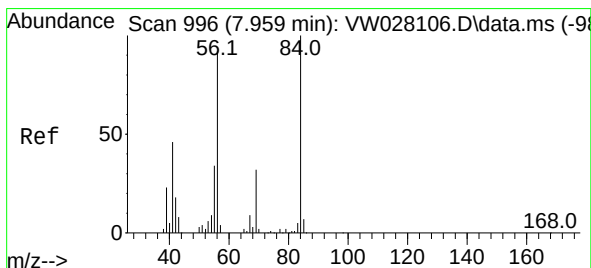
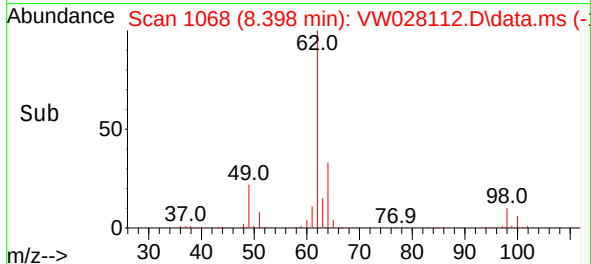
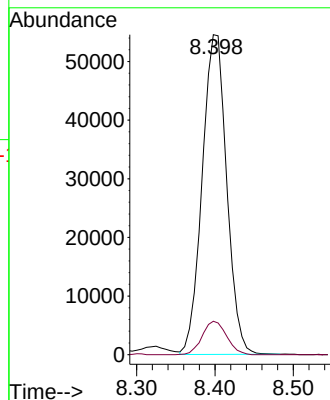
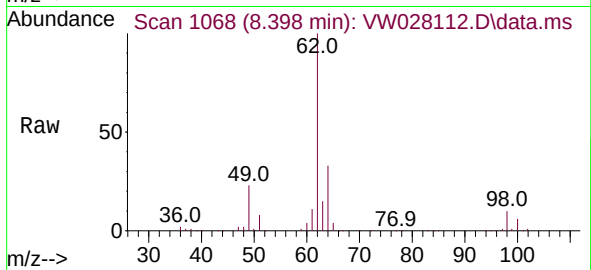
ClientSampleId :

Tgt Ion: 62 Resp: 118579

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.4



#29

Cyclohexane

Concen: 23.684 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

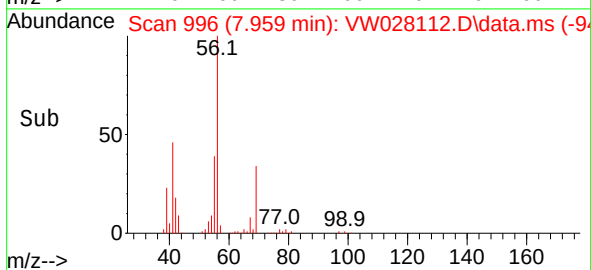
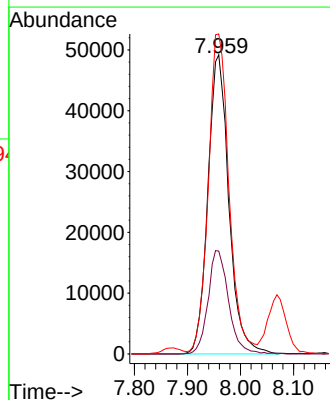
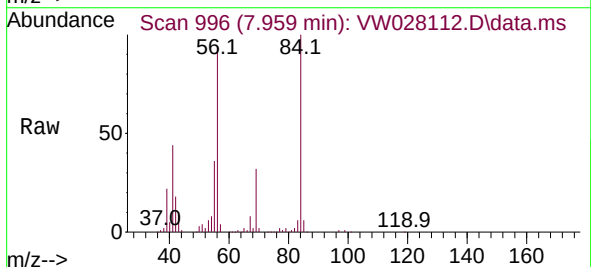
Tgt Ion: 56 Resp: 135344

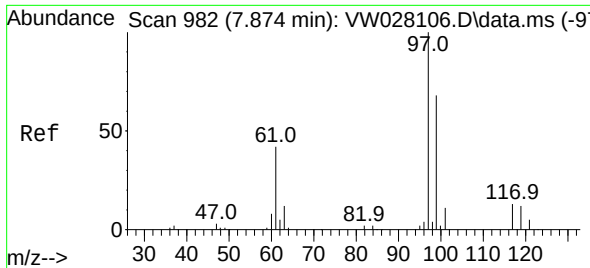
Ion Ratio Lower Upper

56 100

69 33.7 27.6 41.4

84 106.2 86.6 129.8

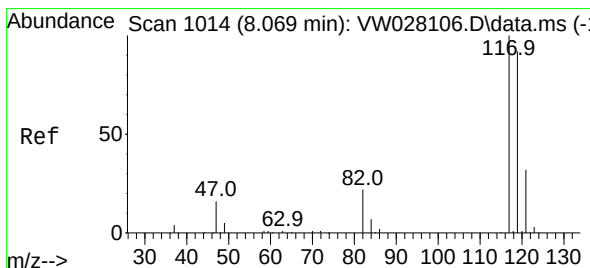
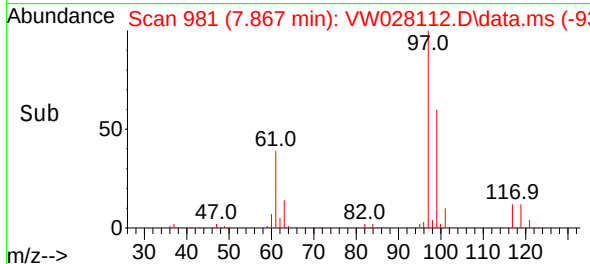
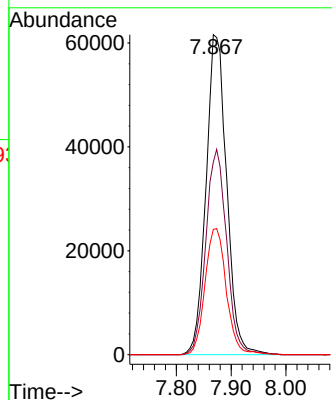
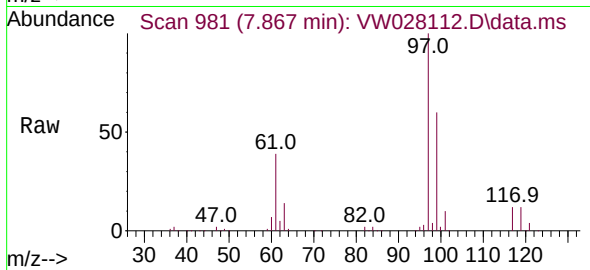




#30
1,1,1-Trichloroethane
Concen: 24.261 ug/L
RT: 7.867 min Scan# 981
Delta R.T. -0.007 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

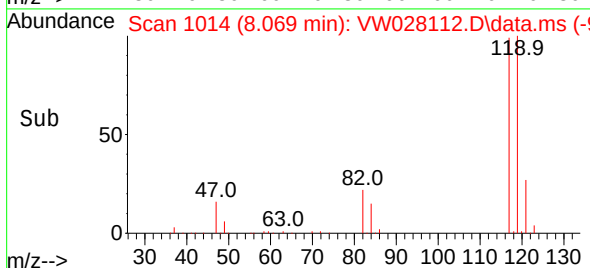
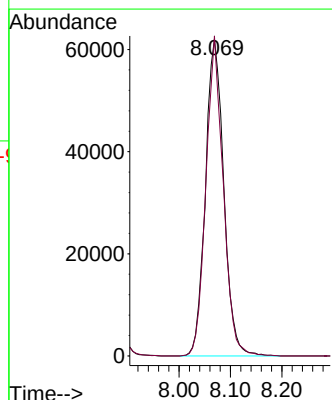
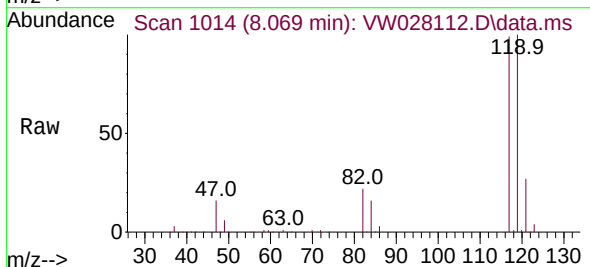
Instrument :
MSVOA_W
ClientSampleId :

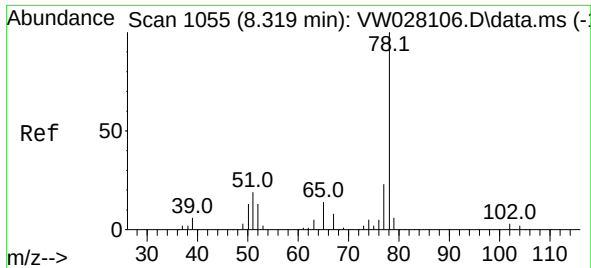
Tgt Ion: 97 Resp: 160973
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 40.2 31.8 47.6



#31
Carbon tetrachloride
Concen: 24.813 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 117 Resp: 153744
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2

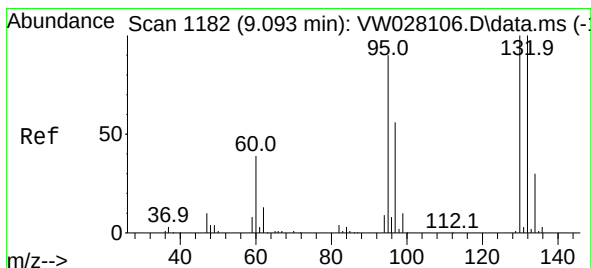
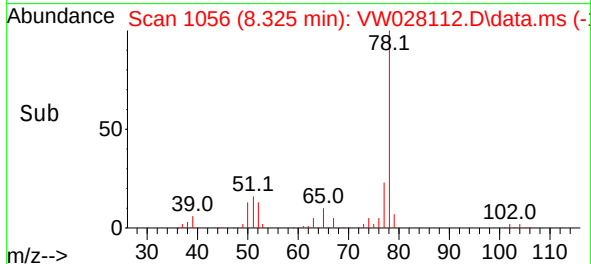
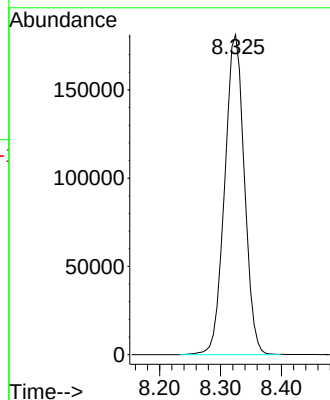
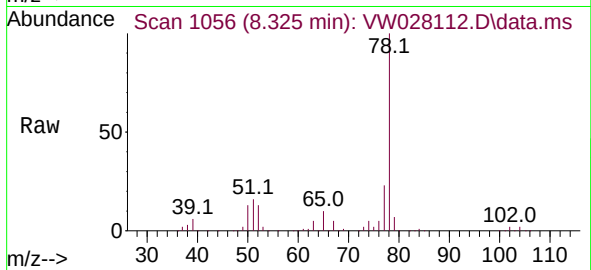




#33
Benzene
Concen: 25.308 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

Instrument :
MSVOA_W
ClientSampleId :

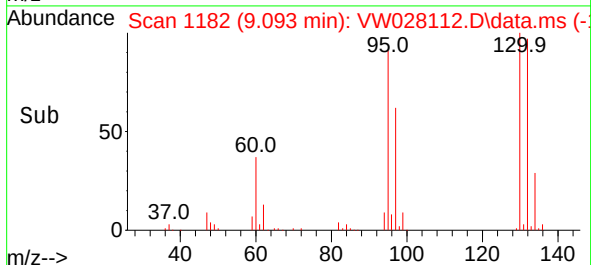
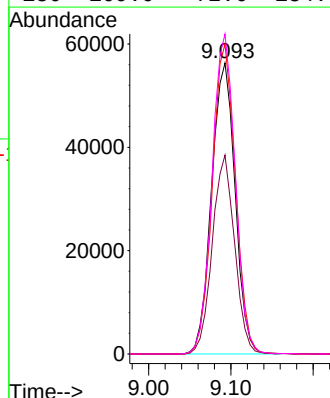
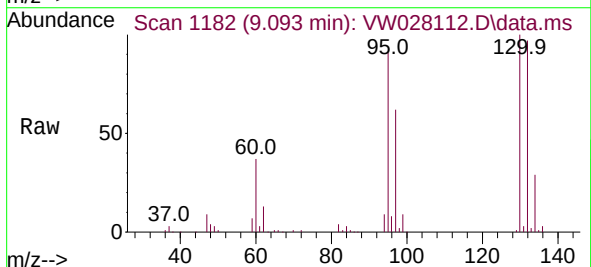
Tgt Ion: 78 Resp: 406310

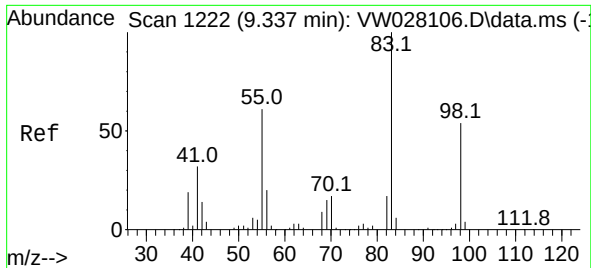


#34
Trichloroethene
Concen: 23.811 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

Tgt Ion: 95 Resp: 112005

Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.5	82.7
132	106.5	68.3	126.9
130	109.9	72.6	134.8





#35

Methylcyclohexane

Concen: 21.127 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

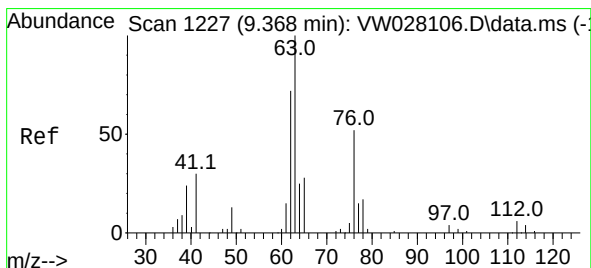
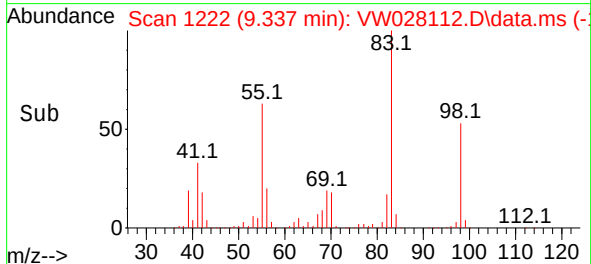
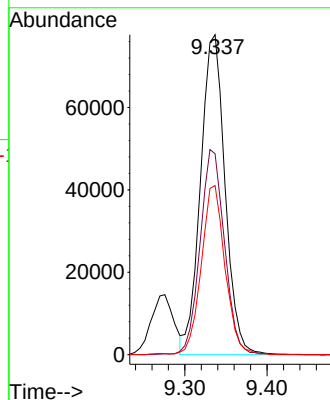
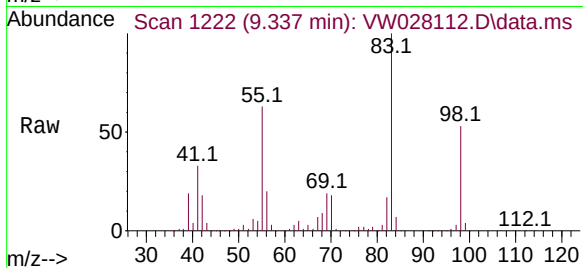
Tgt Ion: 83 Resp: 160845

Ion Ratio Lower Upper

83 100

55 64.0 52.1 78.1

98 51.2 42.2 63.4



#37

1,2-Dichloropropane

Concen: 25.307 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028112.D

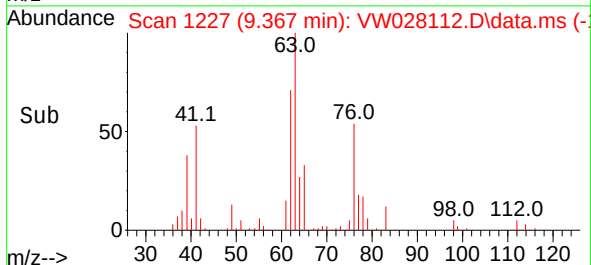
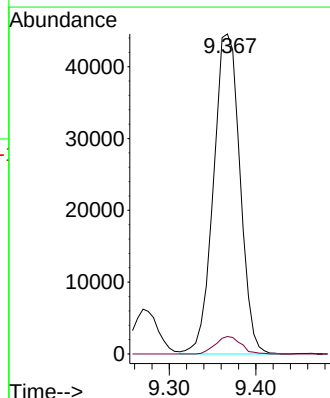
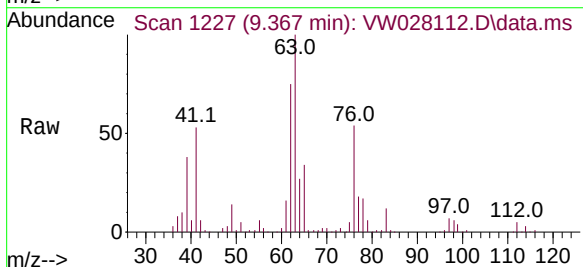
Acq: 06 Mar 2024 12:01

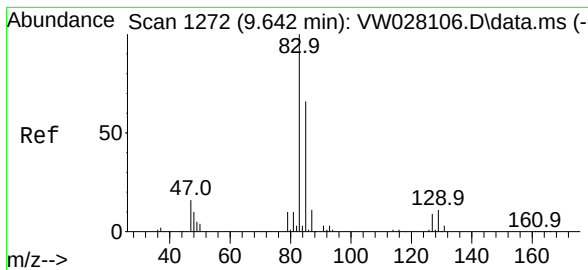
Tgt Ion: 63 Resp: 94614

Ion Ratio Lower Upper

63 100

112 5.2 4.4 6.6





#38

Bromodichloromethane

Concen: 25.185 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

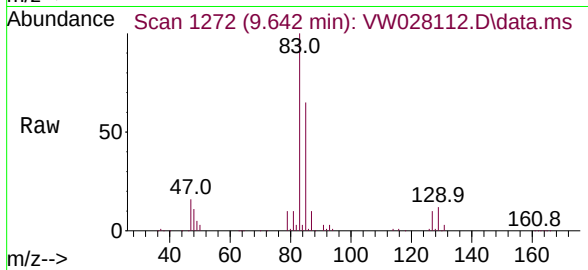
Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :



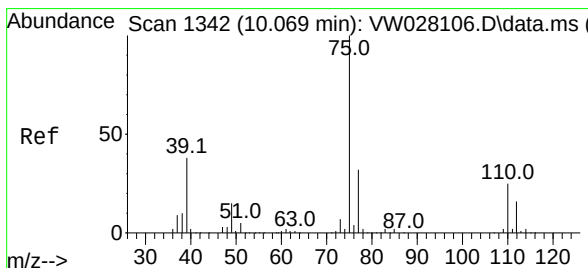
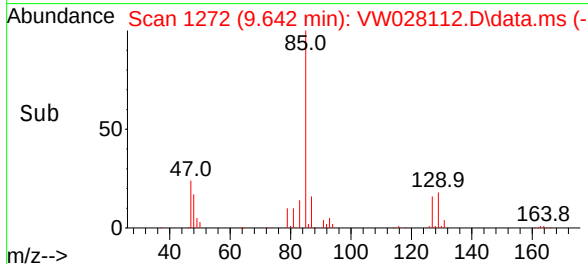
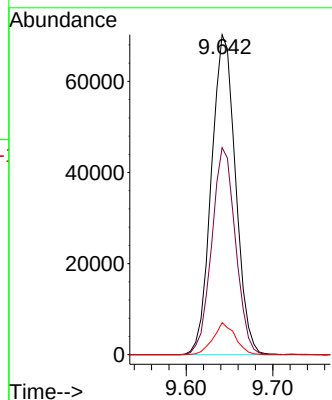
Tgt Ion: 83 Resp: 136001

Ion Ratio Lower Upper

83 100

85 64.7 43.3 80.5

127 10.0 6.9 10.3



#39

cis-1,3-Dichloropropene

Concen: 26.726 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028112.D

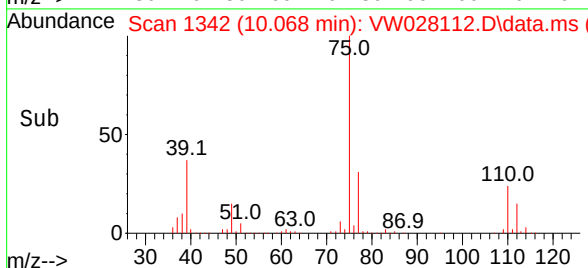
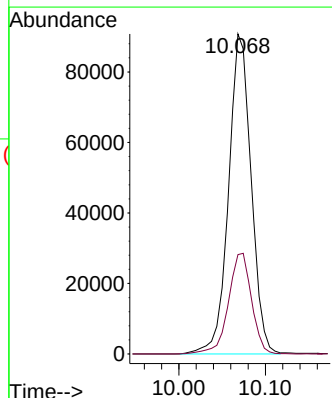
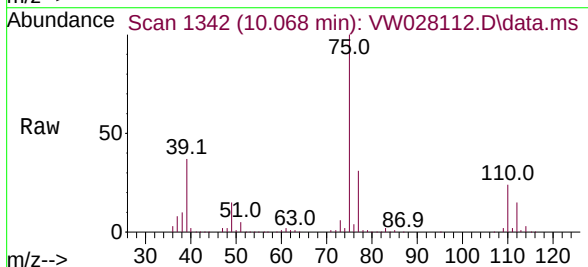
Acq: 06 Mar 2024 12:01

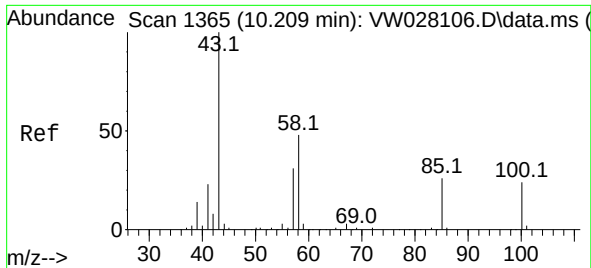
Tgt Ion: 75 Resp: 164316

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3





#40

4-Methyl-2-pentanone

Concen: 61.755 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

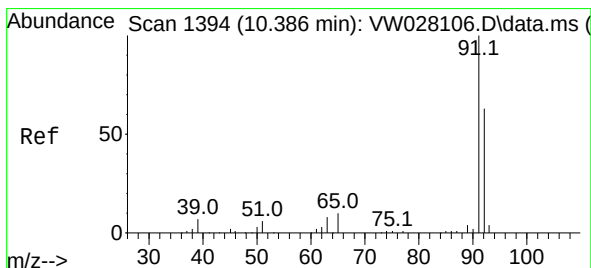
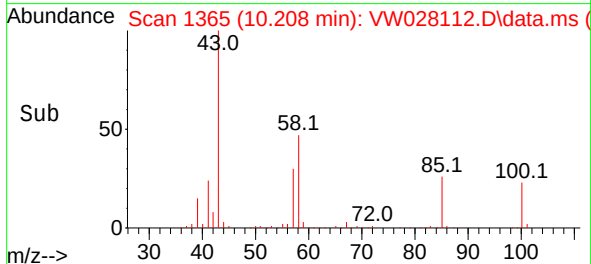
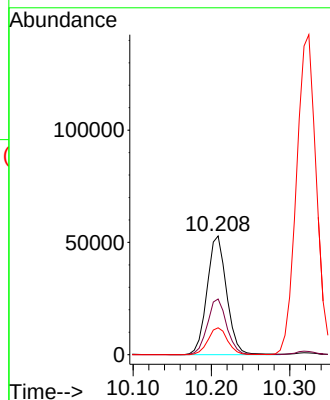
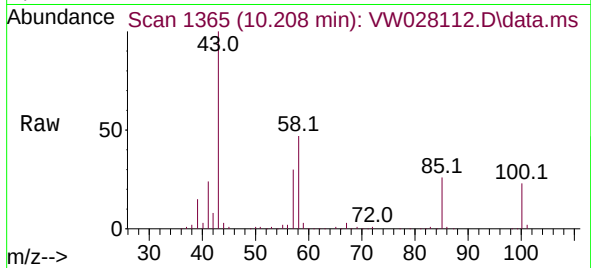
Tgt Ion: 43 Resp: 91703

Ion Ratio Lower Upper

43 100

58 46.5 37.8 56.8

100 22.6 18.2 27.4



#42

Toluene

Concen: 25.292 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028112.D

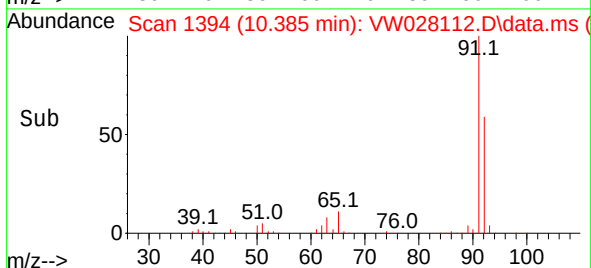
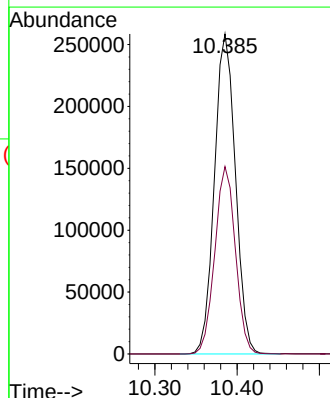
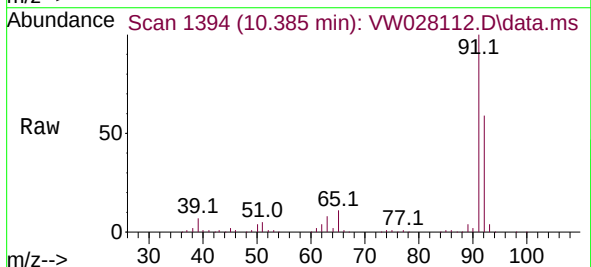
Acq: 06 Mar 2024 12:01

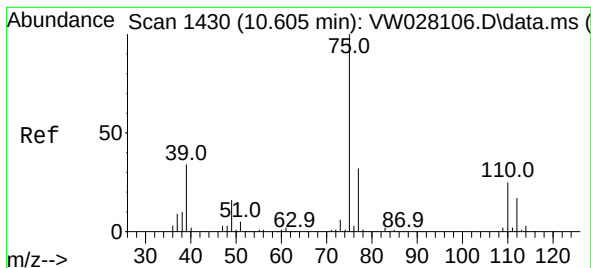
Tgt Ion: 91 Resp: 458802

Ion Ratio Lower Upper

91 100

92 58.5 39.0 72.4

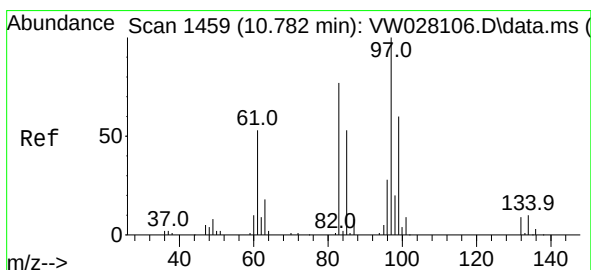
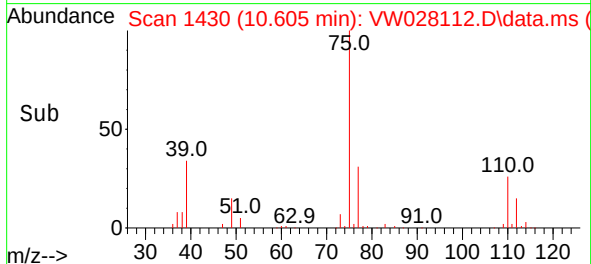
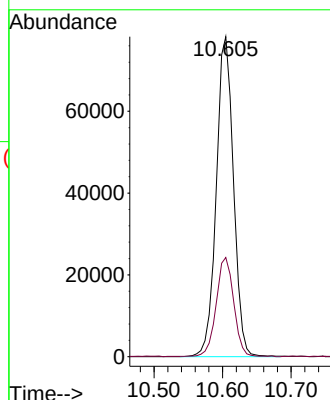
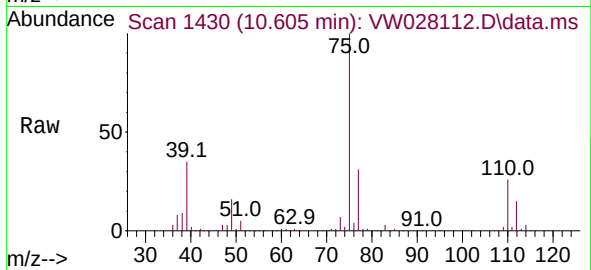




#44
trans-1,3-Dichloropropene
Concen: 27.189 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

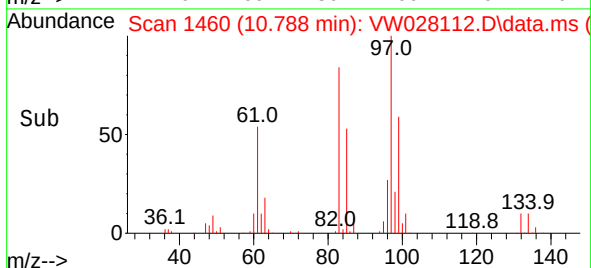
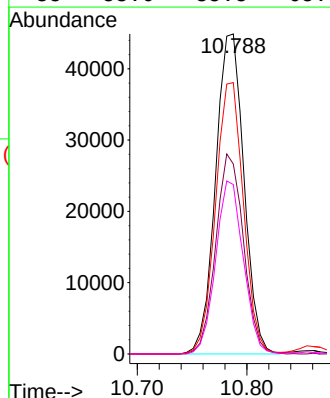
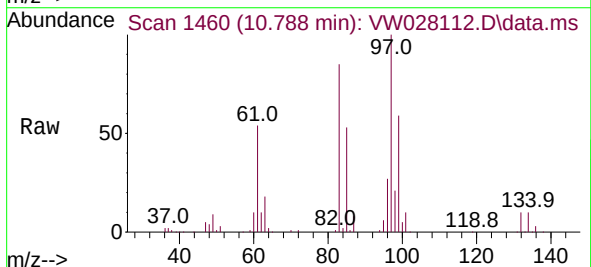
Instrument :
MSVOA_W
ClientSampleId :

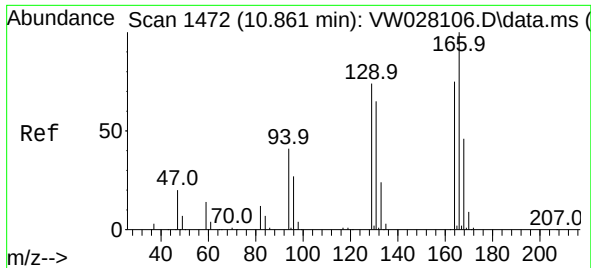
Tgt Ion: 75 Resp: 135795
Ion Ratio Lower Upper
75 100
77 31.0 22.9 42.5



#45
1,1,2-Trichloroethane
Concen: 25.750 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

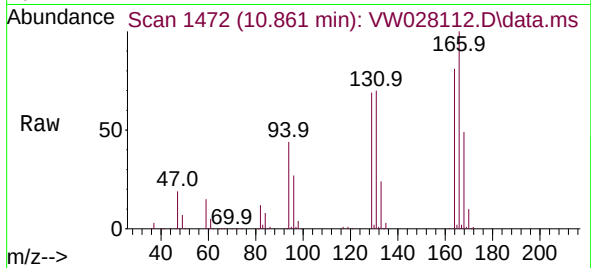
Tgt Ion: 97 Resp: 80740
Ion Ratio Lower Upper
97 100
99 59.3 41.9 77.7
83 84.8 56.1 104.1
85 53.0 35.5 65.9



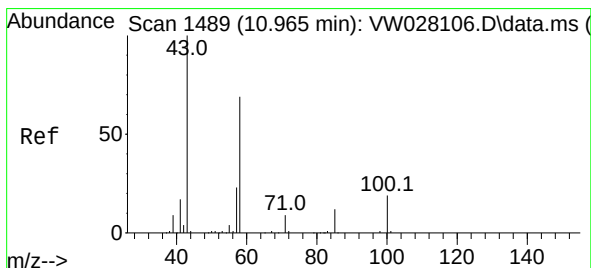
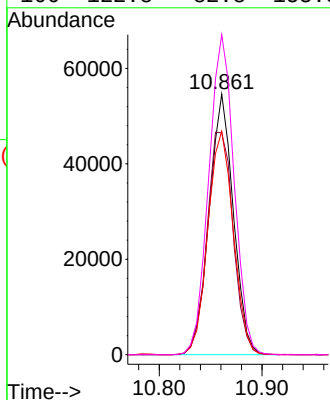
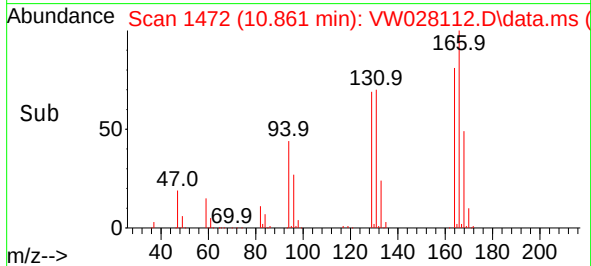


#46
Tetrachloroethene
Concen: 22.630 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01

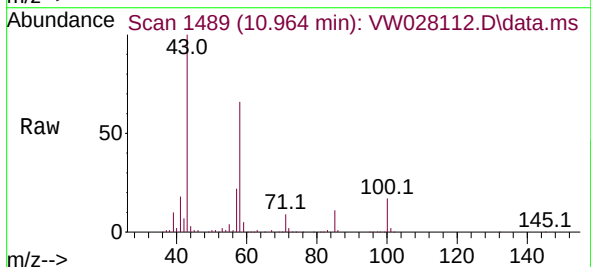
Instrument :
MSVOA_W
ClientSampleId :



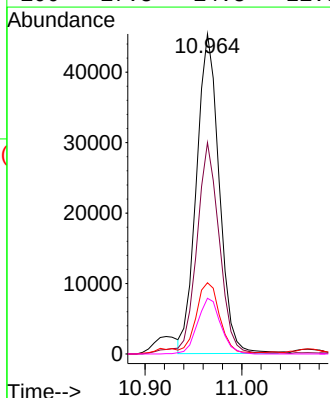
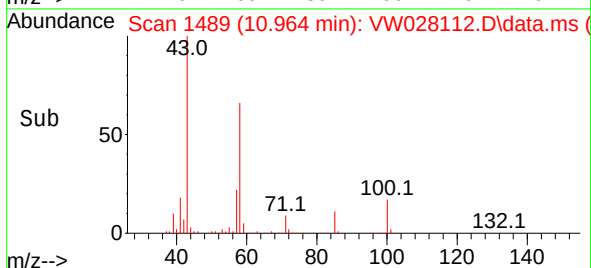
Tgt Ion:164 Resp: 89217
Ion Ratio Lower Upper
164 100
129 85.1 65.2 121.0
131 85.8 66.2 123.0
166 122.8 82.8 153.8

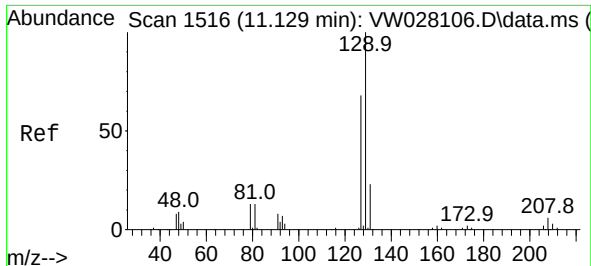


#48
2-Hexanone
Concen: 61.813 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028112.D
Acq: 06 Mar 2024 12:01



Tgt Ion: 43 Resp: 74218
Ion Ratio Lower Upper
43 100
58 66.2 51.8 77.8
57 23.1 18.2 27.4
100 17.8 14.3 21.5





#49

Dibromochloromethane

Concen: 25.333 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.007 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

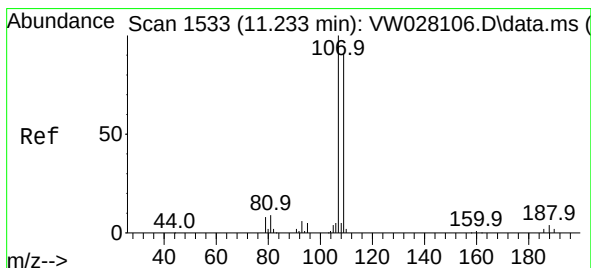
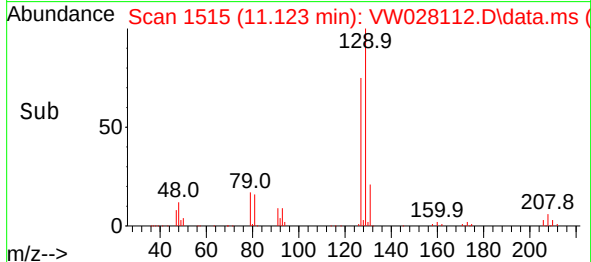
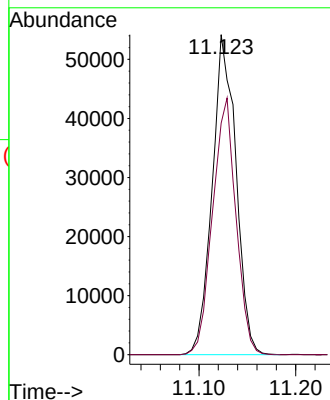
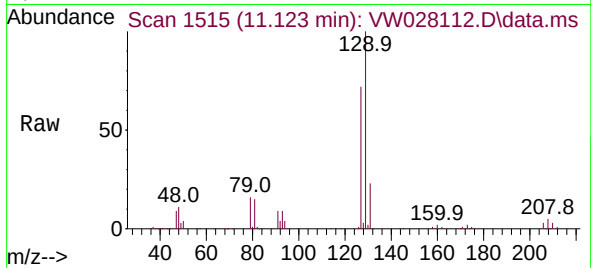
ClientSampleId :

Tgt Ion:129 Resp: 92340

Ion Ratio Lower Upper

129 100

127 72.4 57.1 106.1



#50

1,2-Dibromoethane

Concen: 26.566 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

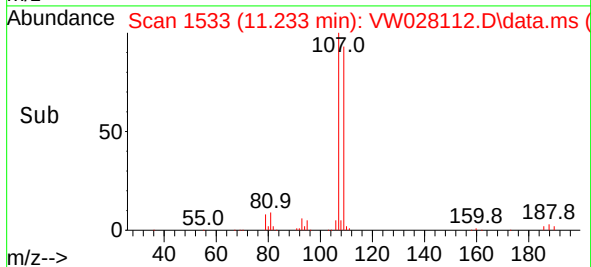
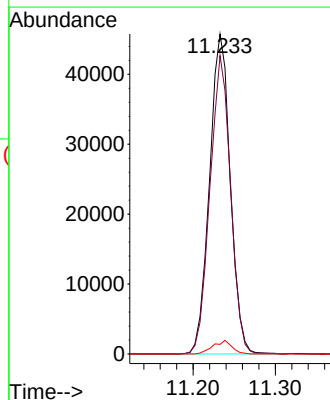
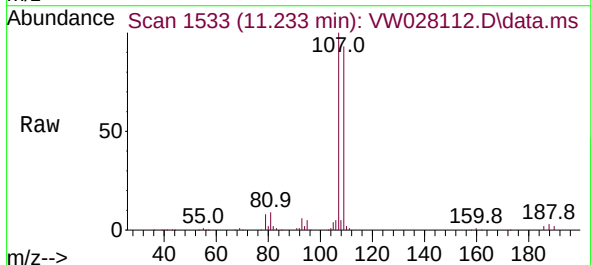
Tgt Ion:107 Resp: 80227

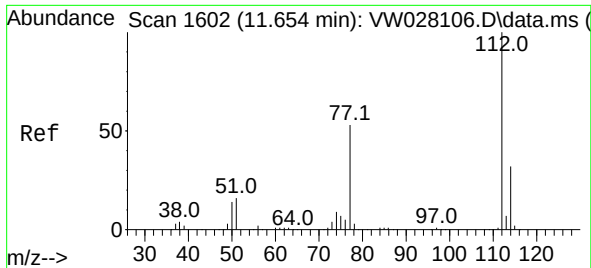
Ion Ratio Lower Upper

107 100

109 93.3 67.5 125.3

188 3.0 3.1 4.7#





#51

Chlorobenzene

Concen: 23.193 ug/L

RT: 11.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

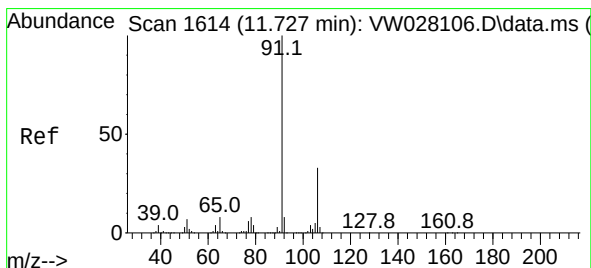
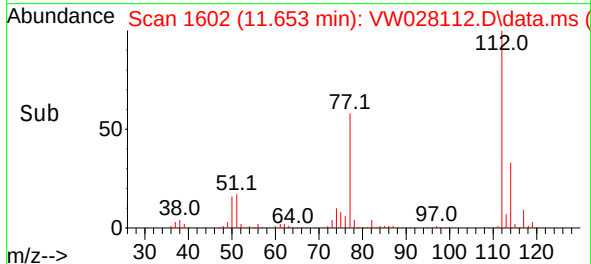
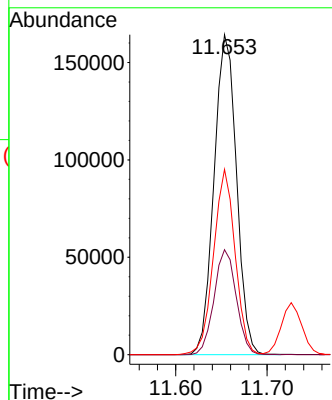
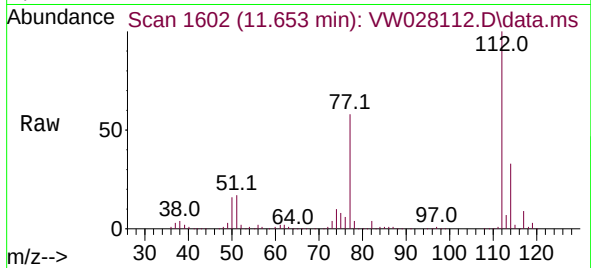
Tgt Ion:112 Resp: 280727

Ion Ratio Lower Upper

112 100

114 32.8 20.6 38.4

77 57.9 40.0 60.0



#52

Ethylbenzene

Concen: 23.698 ug/L

RT: 11.726 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW028112.D

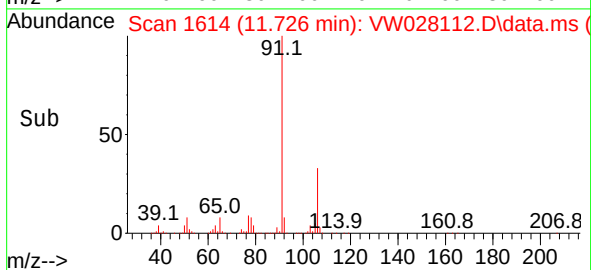
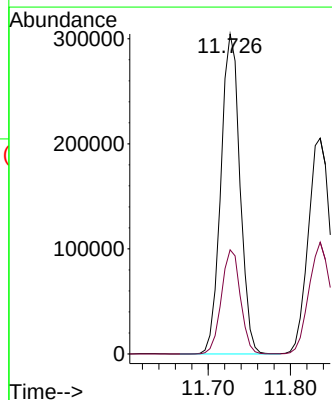
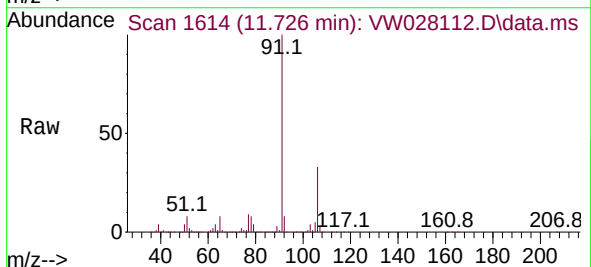
Acq: 06 Mar 2024 12:01

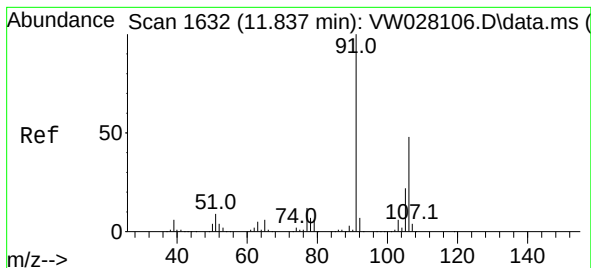
Tgt Ion: 91 Resp: 491487

Ion Ratio Lower Upper

91 100

106 32.6 23.8 44.2





#53

m,p-Xylene

Concen: 24.197 ug/L

RT: 11.836 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

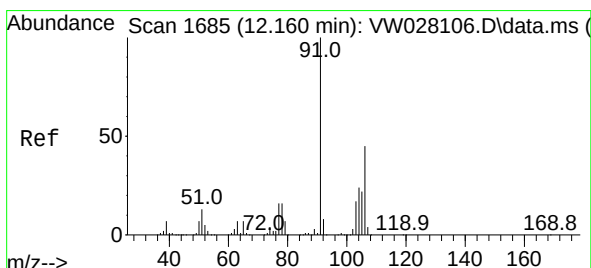
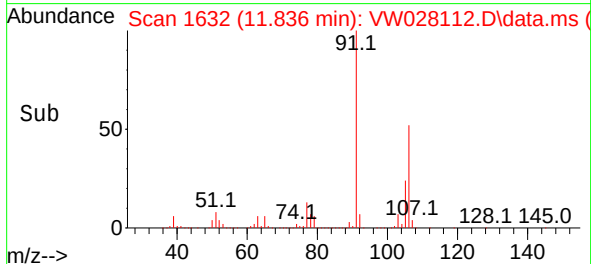
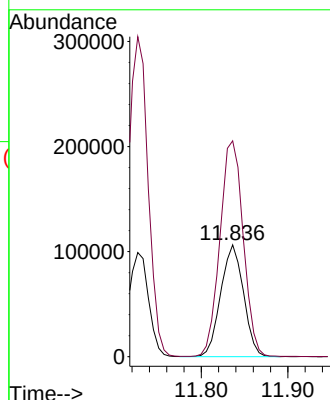
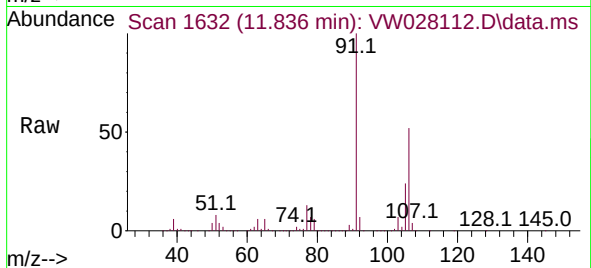
ClientSampleId :

Tgt Ion:106 Resp: 194714

Ion Ratio Lower Upper

106 100

91 193.0 139.7 259.4



#54

o-Xylene

Concen: 24.301 ug/L

RT: 12.159 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW028112.D

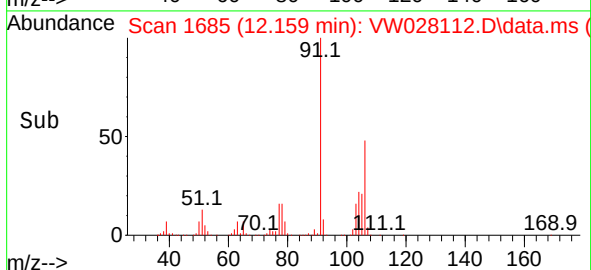
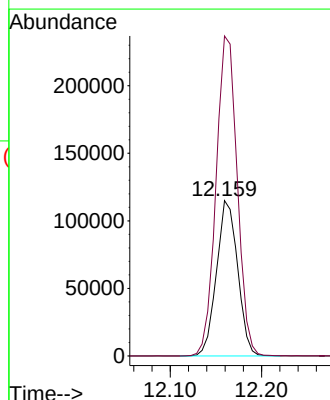
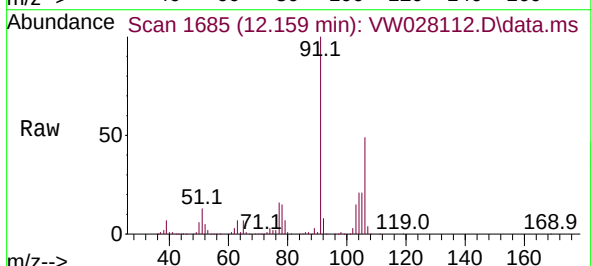
Acq: 06 Mar 2024 12:01

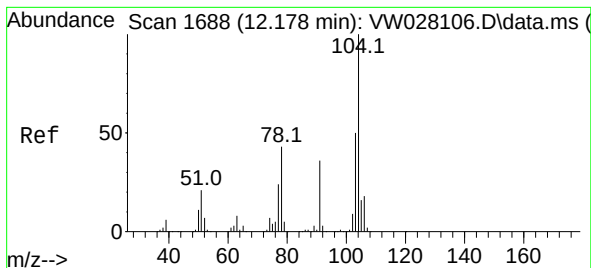
Tgt Ion:106 Resp: 185062

Ion Ratio Lower Upper

106 100

91 206.0 145.2 269.6





#55

Styrene

Concen: 23.510 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

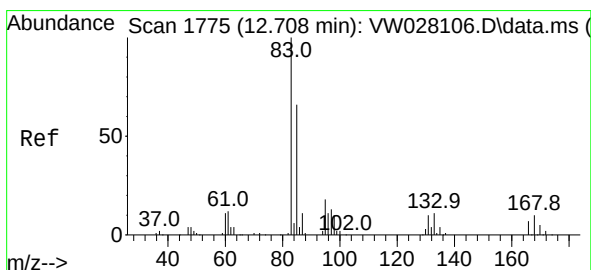
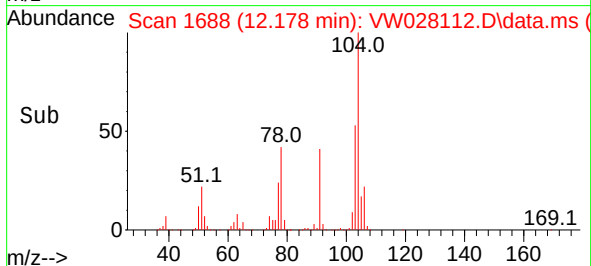
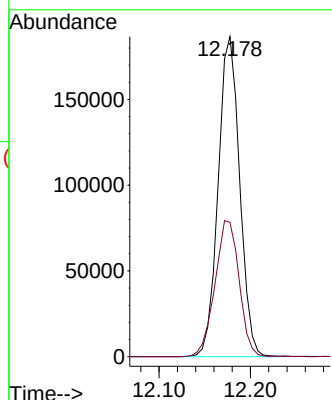
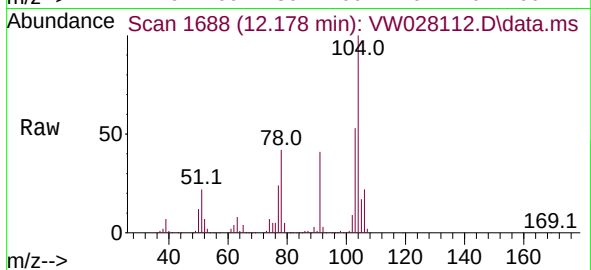
ClientSampleId :

Tgt Ion:104 Resp: 305343

Ion Ratio Lower Upper

104 100

78 42.0 29.1 54.1



#57

1,1,2,2-Tetrachloroethane

Concen: 26.707 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

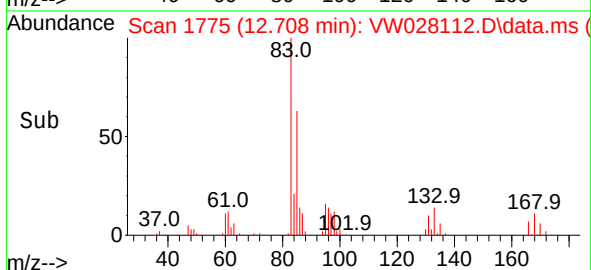
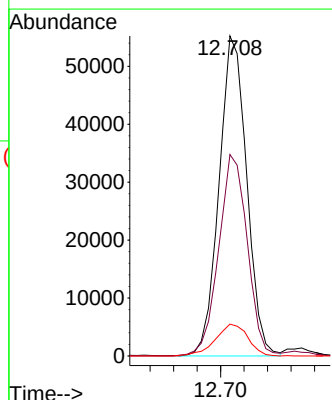
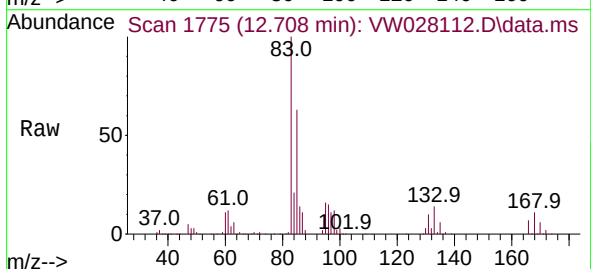
Tgt Ion: 83 Resp: 90292

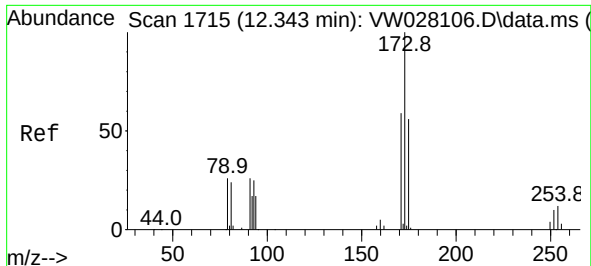
Ion Ratio Lower Upper

83 100

85 63.0 45.7 84.9

131 10.0 9.7 14.5





#59

Bromoform

Concen: 28.363 ug/L

RT: 12.348 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

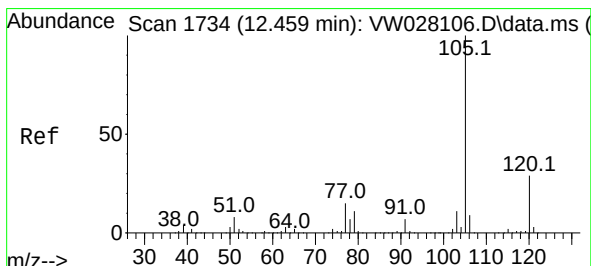
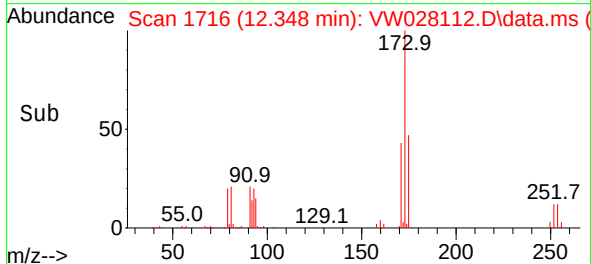
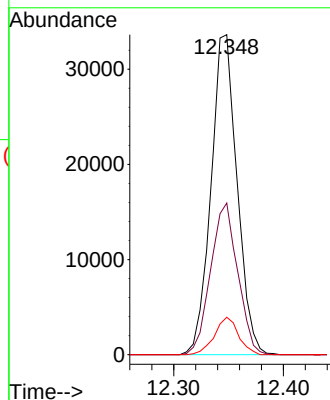
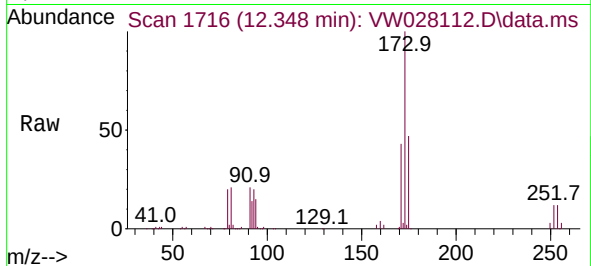
Tgt Ion:173 Resp: 55696

Ion Ratio Lower Upper

173 100

175 49.1 37.2 55.8

254 10.8 8.5 12.7



#60

Isopropylbenzene

Concen: 24.849 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

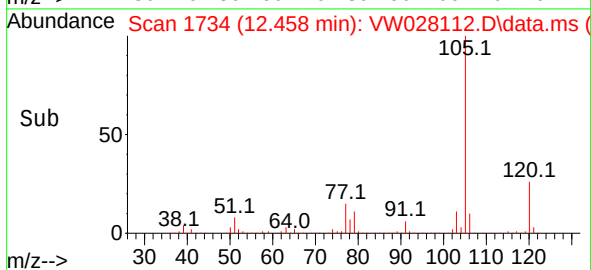
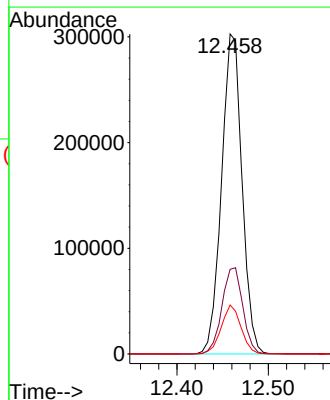
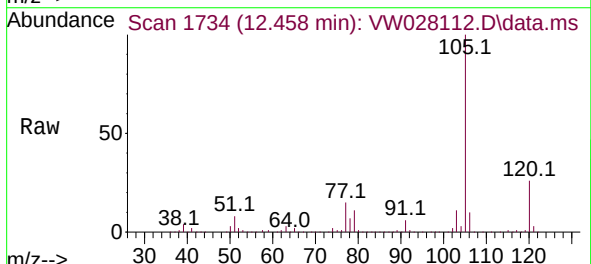
Tgt Ion:105 Resp: 472198

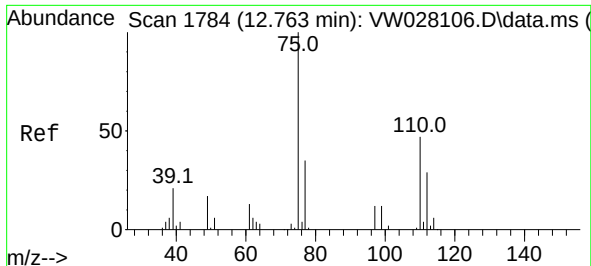
Ion Ratio Lower Upper

105 100

120 27.4 22.2 33.2

77 14.8 11.8 17.6





#61

1,2,3-Trichloropropane

Concen: 29.887 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028112.D

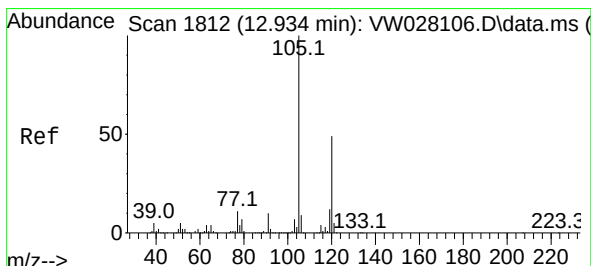
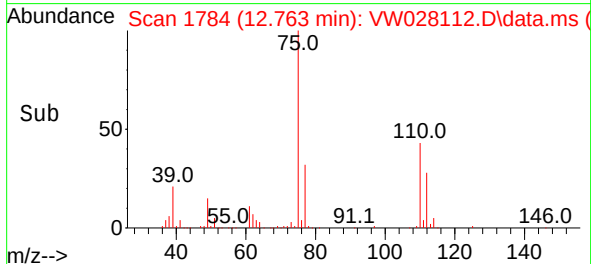
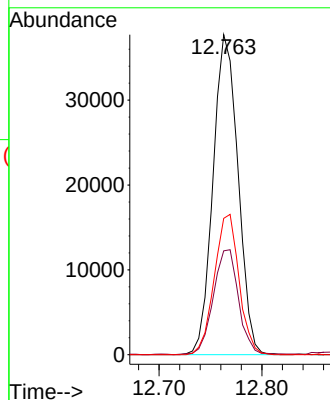
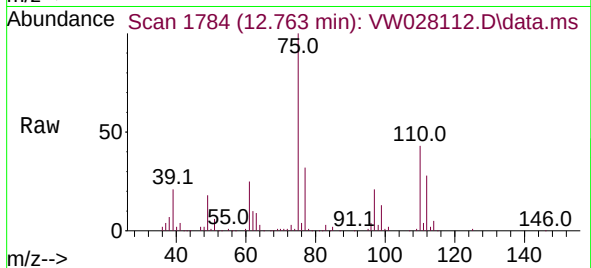
Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	63638
Ion Ratio	Lower	Upper	
75	100		
77	33.2	25.9	38.9
110	43.3	34.1	51.1



#62

1,3,5-Trimethylbenzene

Concen: 24.552 ug/L

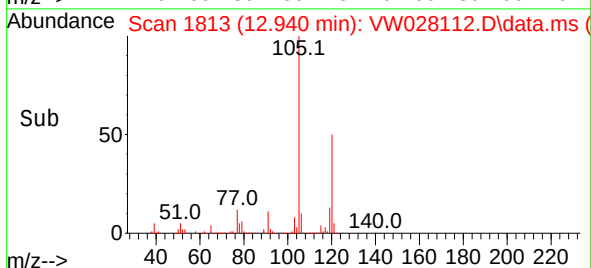
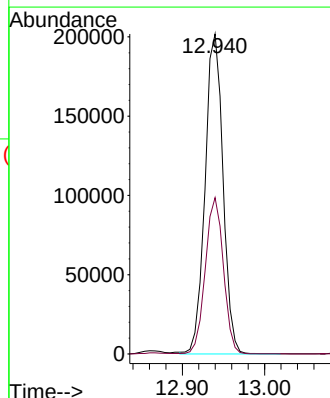
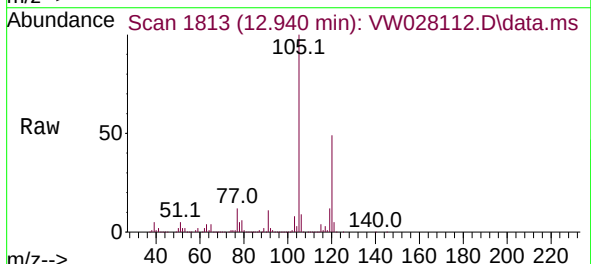
RT: 12.940 min Scan# 1813

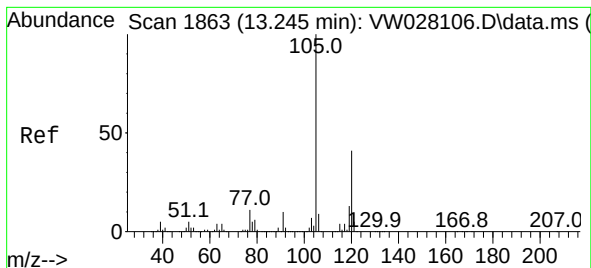
Delta R.T. 0.006 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Tgt Ion:	105	Resp:	305897
Ion Ratio	Lower	Upper	
105	100		
120	49.2	38.6	58.0





#63

1,2,4-Trimethylbenzene

Concen: 25.534 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

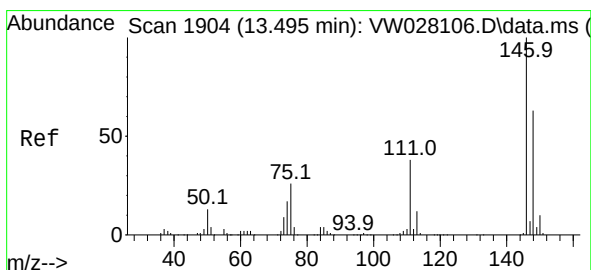
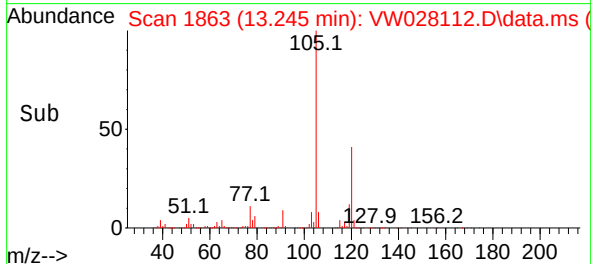
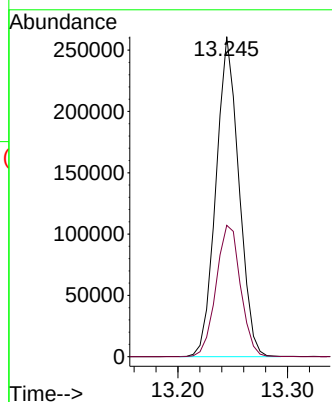
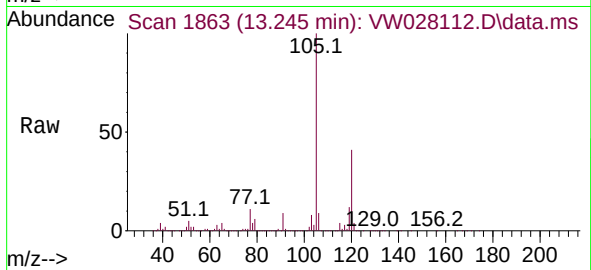
ClientSampleId :

Tgt Ion:105 Resp: 379373

Ion Ratio Lower Upper

105 100

120 43.7 36.4 54.6



#64

1,3-Dichlorobenzene

Concen: 21.259 ug/L

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

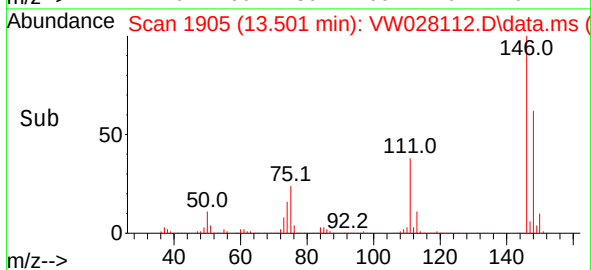
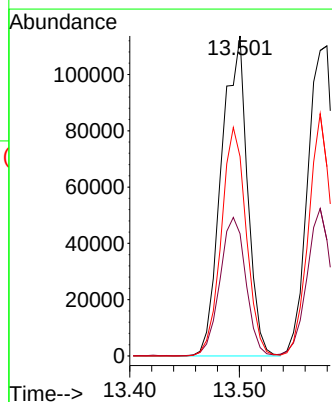
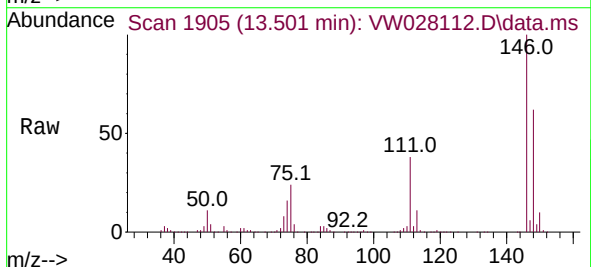
Tgt Ion:146 Resp: 186704

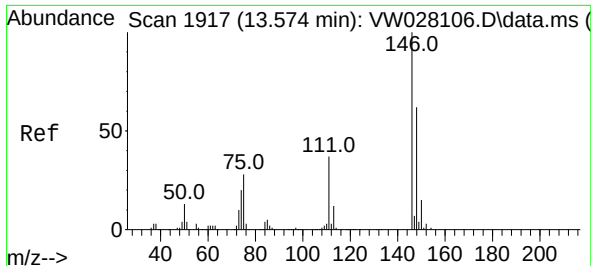
Ion Ratio Lower Upper

146 100

111 38.2 27.9 51.9

148 62.3 38.7 71.9





#65

1,4-Dichlorobenzene

Concen: 21.127 ug/L

RT: 13.580 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

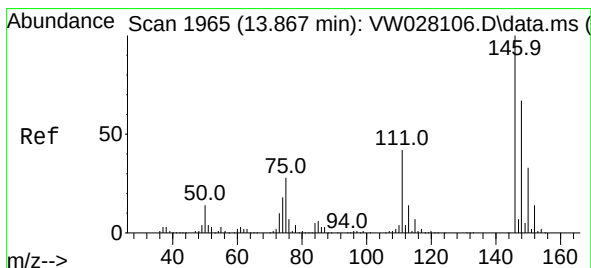
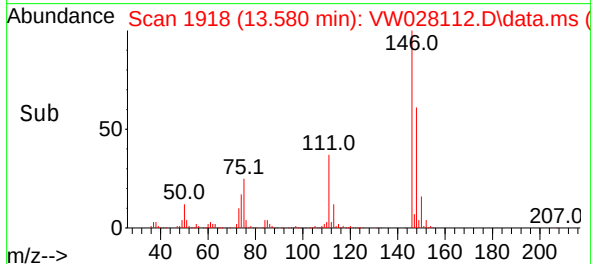
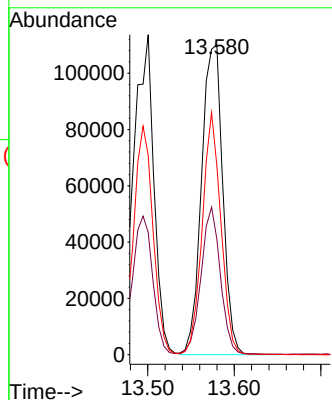
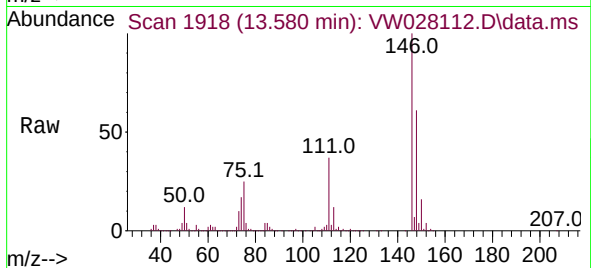
Tgt Ion:146 Resp: 187320

Ion Ratio Lower Upper

146 100

111 37.3 29.3 54.5

148 61.0 47.5 88.1



#67

1,2-Dichlorobenzene

Concen: 21.514 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

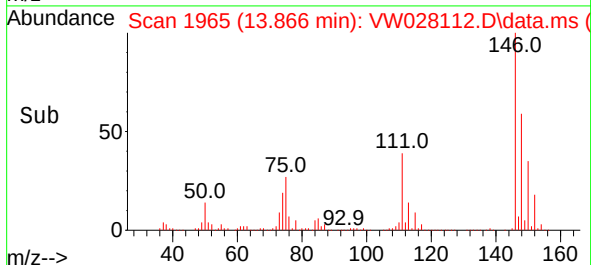
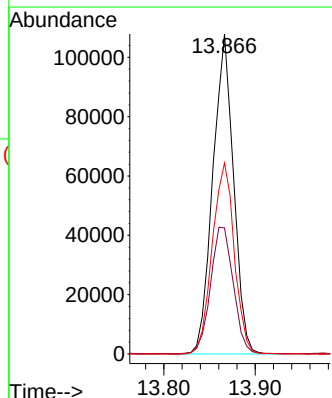
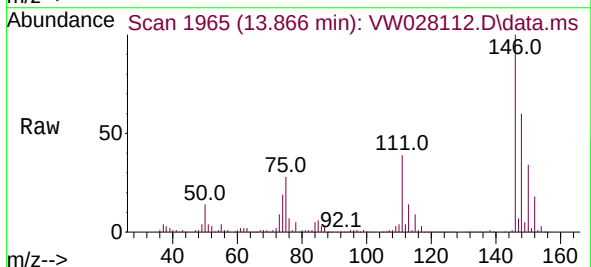
Tgt Ion:146 Resp: 170198

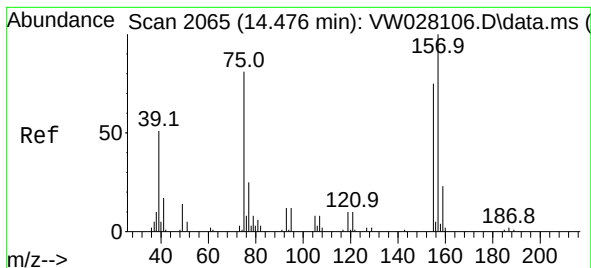
Ion Ratio Lower Upper

146 100

111 39.4 35.4 53.0

148 59.7 55.4 83.2





#68

1,2-Dibromo-3-chloropropane

Concen: 31.582 ug/L

RT: 14.482 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VW028112.D

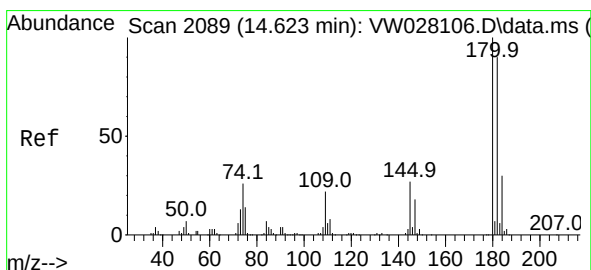
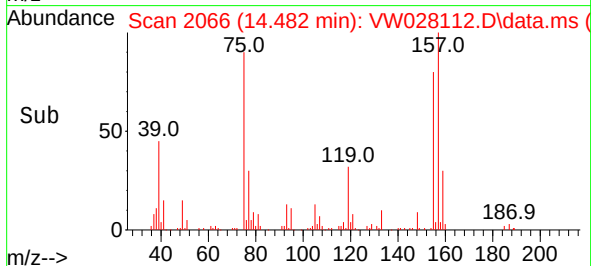
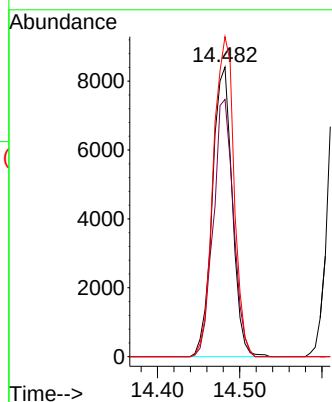
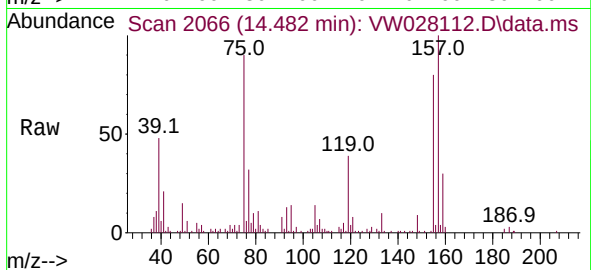
Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	14124
Ion	Ratio	Lower	Upper
75	100		
155	88.8	69.3	103.9
157	110.5	82.4	123.6



#69

1,3,5-Trichlorobenzene

Concen: 16.444 ug/L

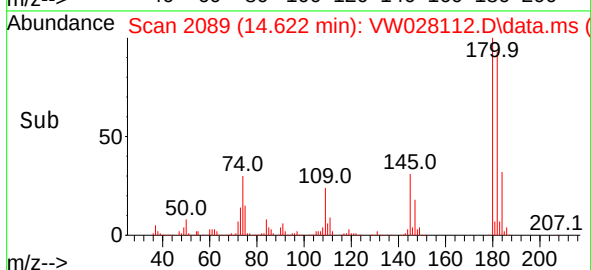
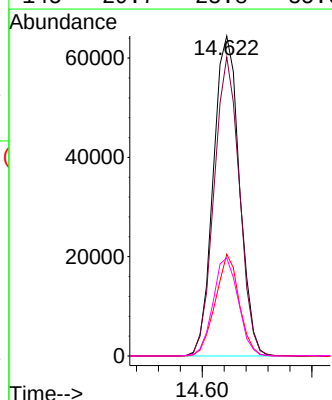
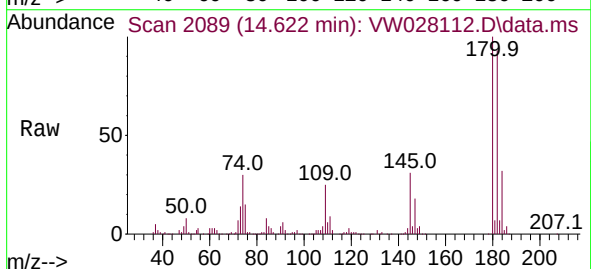
RT: 14.622 min Scan# 2089

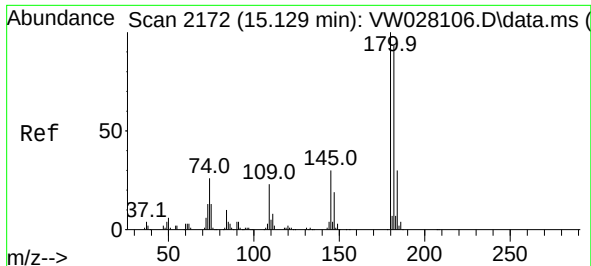
Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Tgt Ion:	180	Resp:	106575
Ion	Ratio	Lower	Upper
180	100		
182	90.9	78.2	117.4
184	29.1	25.4	38.2
145	29.7	23.8	35.6





#70

1,2,4-trichlorobenzene

Concen: 16.388 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

Instrument :

MSVOA_W

ClientSampleId :

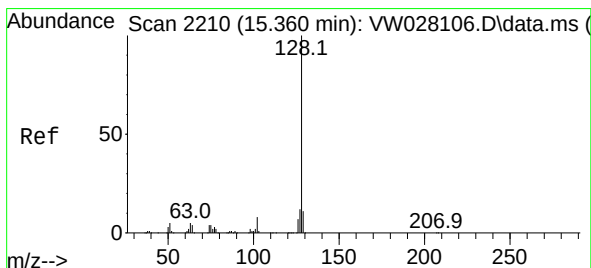
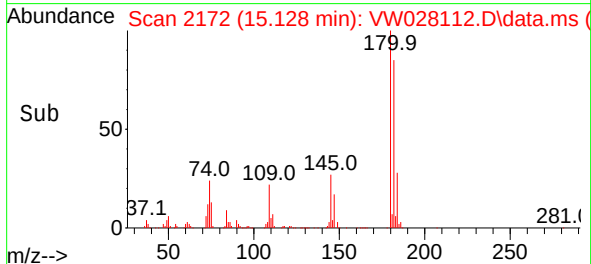
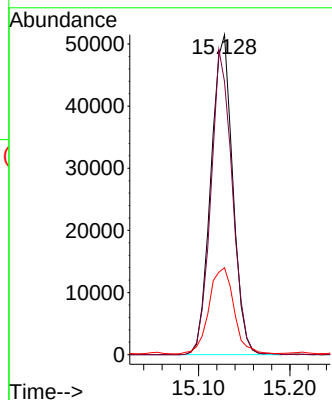
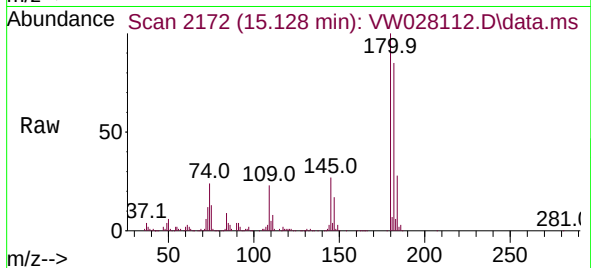
Tgt Ion:180 Resp: 85296

Ion Ratio Lower Upper

180 100

182 93.2 80.1 120.1

145 30.9 24.3 36.5



#71

Naphthalene

Concen: 23.714 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028112.D

Acq: 06 Mar 2024 12:01

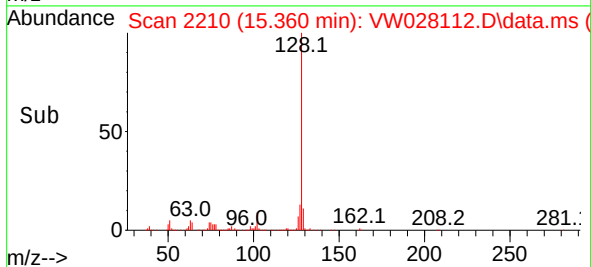
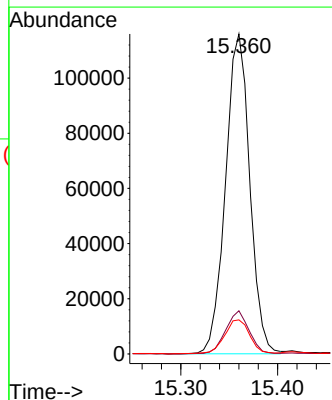
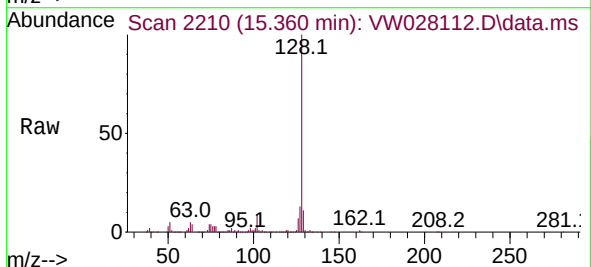
Tgt Ion:128 Resp: 201868

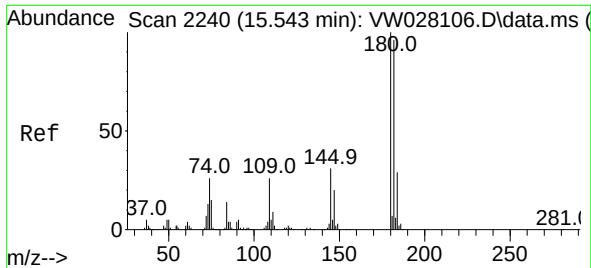
Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

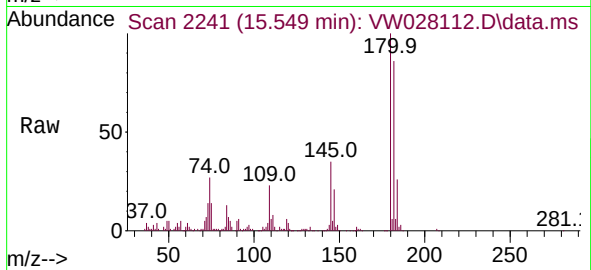
129 11.3 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 15.233 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028112.D
 Acq: 06 Mar 2024 12:01

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 66303
 Ion Ratio Lower Upper
 180 100
 182 87.1 81.4 122.2
 145 40.3 26.2 39.2#

