

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027832.D
 Acq On : 08 Jan 2024 15:26
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 03:53:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 03:50:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	356886	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	330396	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	160155	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	429228	98.417	ug/L	0.00
7) Chloroethane-d5	2.899	69	336759	88.195	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	181786	92.757	ug/L	0.00
21) 2-Butanone-d5	7.081	46	147281	203.283	ug/L	0.00
24) Chloroform-d	7.648	84	843422	97.794	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	378289	96.684	ug/L	0.00
32) Benzene-d6	8.276	84	1788915	96.330	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	499693	96.199	ug/L	0.00
41) Toluene-d8	10.325	98	1726327	99.023	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	208057	105.112	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	143764	212.028	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	353610	96.472	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	562644	99.152	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	358261	104.284	ug/L	96
3) Chloromethane	2.229	50	434901	94.169	ug/L	100
5) Vinyl chloride	2.375	62	483775	104.173	ug/L	99
6) Bromomethane	2.796	94	346861	95.440	ug/L	100
8) Chloroethane	2.936	64	284736	90.732	ug/L	98
9) Trichlorofluoromethane	3.277	101	512652	96.454	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	412155	95.333	ug/L	99
12) 1,1-Dichloroethene	4.045	96	406863	95.456	ug/L	99
13) Acetone	4.149	43	128714	146.834	ug/L	99
14) Carbon disulfide	4.387	76	1250729	95.964	ug/L	98
15) Methyl Acetate	4.679	43	114959	94.489	ug/L	96
16) Methylene chloride	4.923	84	405144	77.362	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	430538	94.800	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	516285	92.561	ug/L	99
19) 1,1-Dichloroethane	6.222	63	737643	95.695	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	476521	97.379	ug/L	98
22) 2-Butanone	7.179	43	167048	186.772	ug/L	99
23) Bromochloromethane	7.520	128	203441	94.719	ug/L	97
25) Chloroform	7.679	83	748650	93.629	ug/L	97
27) 1,2-Dichloroethane	8.398	62	421008	93.522	ug/L	98
29) Cyclohexane	7.959	56	640953	95.344	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	610450	92.228	ug/L	98
31) Carbon tetrachloride	8.075	117	549135	95.245	ug/L	99
33) Benzene	8.325	78	1669018	91.729	ug/L	100
34) Trichloroethene	9.093	95	469692	94.236	ug/L	95
35) Methylcyclohexane	9.337	83	790863	94.367	ug/L	98
37) 1,2-Dichloropropane	9.368	63	408118	93.320	ug/L	99
38) Bromodichloromethane	9.642	83	517924	94.505	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	682036	100.513	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	323178	188.307	ug/L	100
42) Toluene	10.386	91	1884519	94.578	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	539718	103.239	ug/L	96

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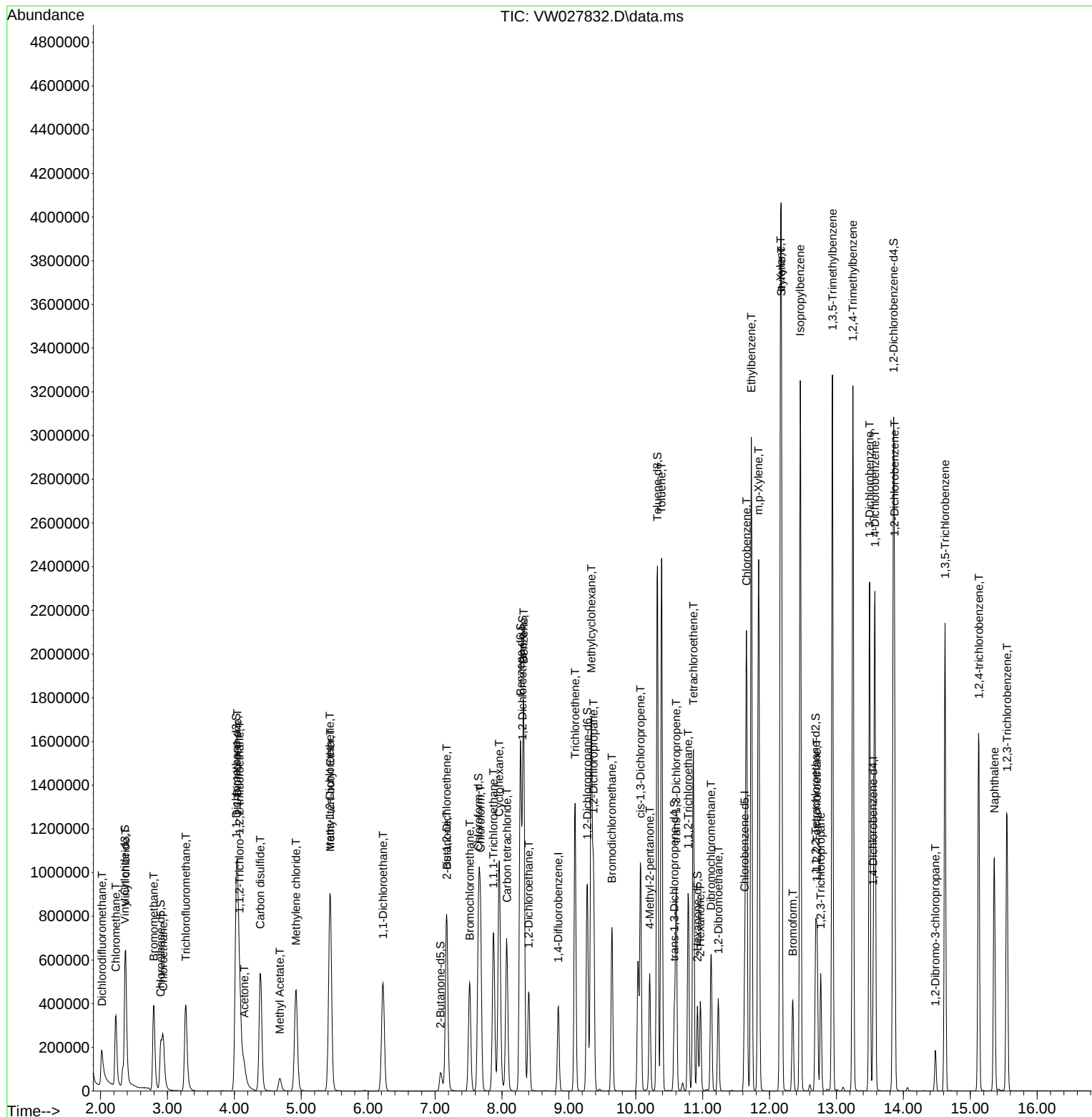
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	307896	93.924	ug/L	99
46) Tetrachloroethene	10.861	164	379678	94.605	ug/L	96
48) 2-Hexanone	10.965	43	234441	186.702	ug/L	97
49) Dibromochloromethane	11.123	129	349312	98.016	ug/L	99
50) 1,2-Dibromoethane	11.233	107	288765	96.184	ug/L	97
51) Chlorobenzene	11.654	112	1219358	93.151	ug/L	97
52) Ethylbenzene	11.727	91	2151945	95.932	ug/L	100
53) m,p-Xylene	11.837	106	833152	95.954	ug/L	100
54) o-Xylene	12.166	106	794285	97.497	ug/L	90
55) Styrene	12.178	104	1357581	98.248	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	331320	93.011	ug/L	97
59) Bromoform	12.349	173	204561	103.629	ug/L #	97
60) Isopropylbenzene	12.459	105	2177205	98.724	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	231587	94.470	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1768337	101.004	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1776247	101.684	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	988058	98.823	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	959916	97.462	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	843683	96.826	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	46989	99.727	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	659761	94.502	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	558462	98.716	ug/L	88
71) Naphthalene	15.360	128	982652	104.346	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	464719	97.190	ug/L	97

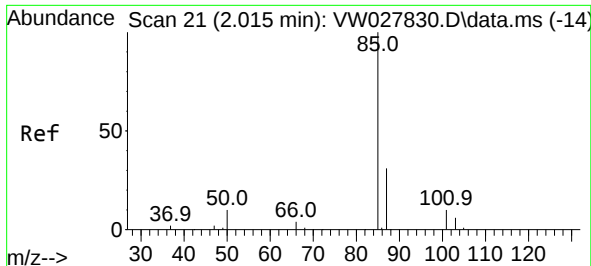
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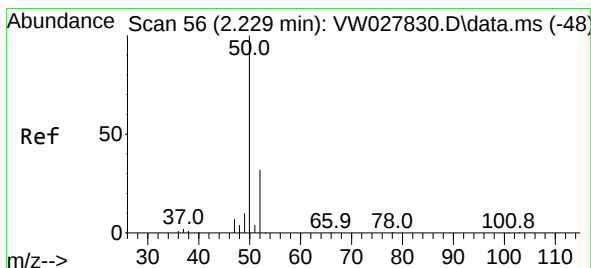
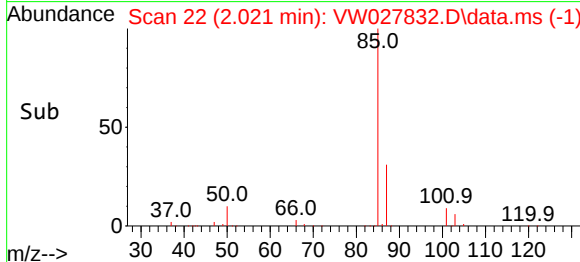
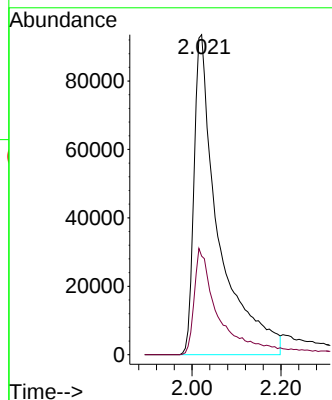
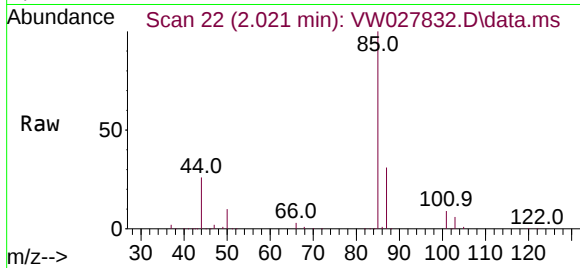




#2
 Dichlorodifluoromethane
 Concen: 104.284 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

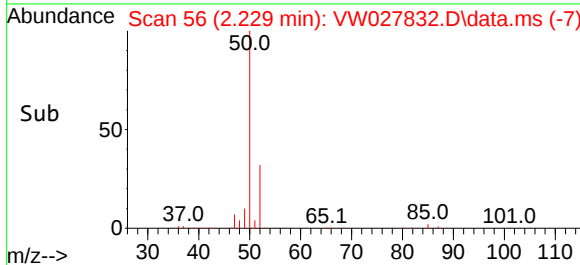
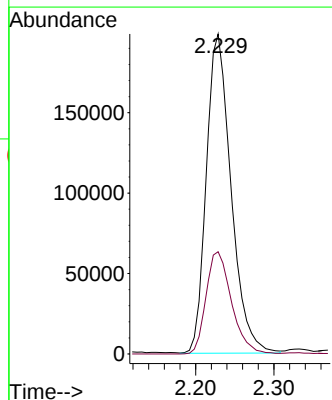
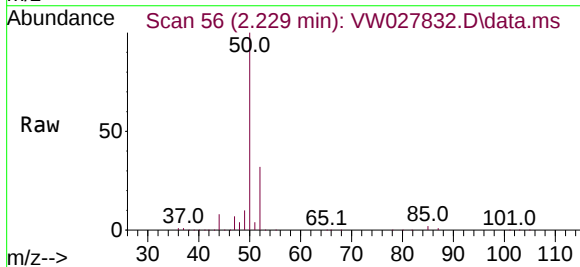
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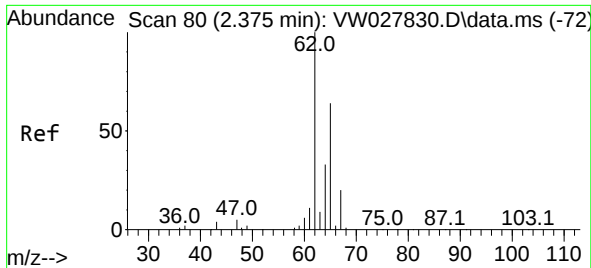
Tgt Ion: 85 Resp: 358261
 Ion Ratio Lower Upper
 85 100
 87 29.2 25.0 37.4



#3
 Chloromethane
 Concen: 94.169 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

Tgt Ion: 50 Resp: 434901
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.5 41.7

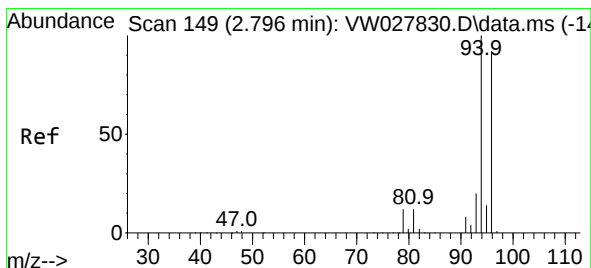
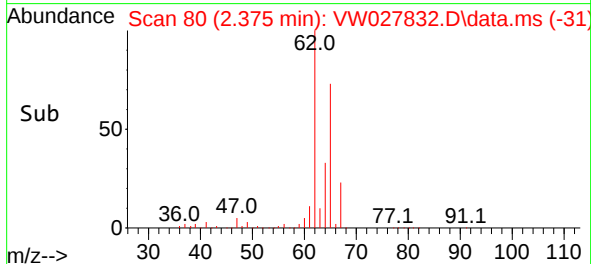
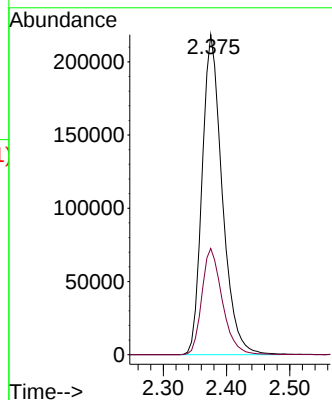
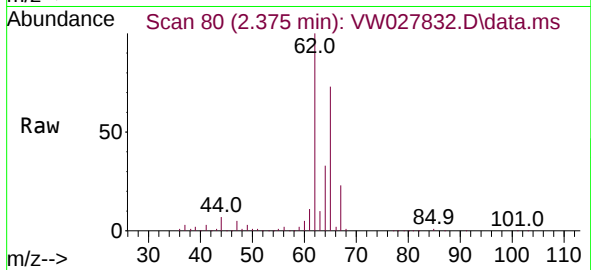




#5
 Vinyl chloride
 Concen: 104.173 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

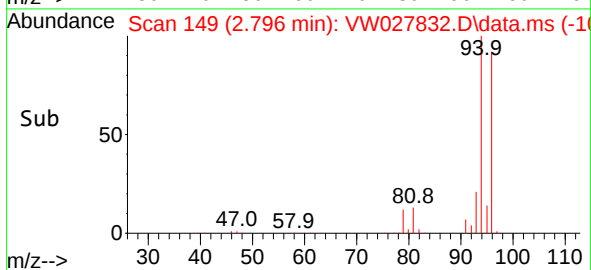
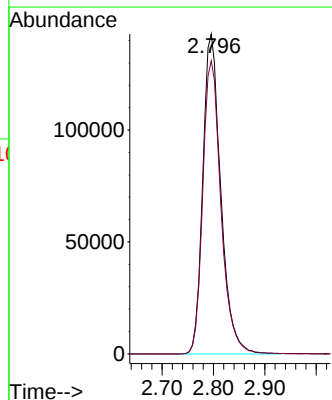
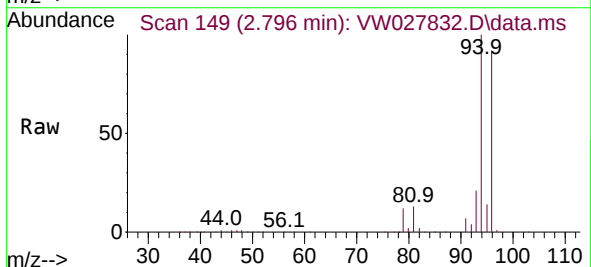
Instrument :
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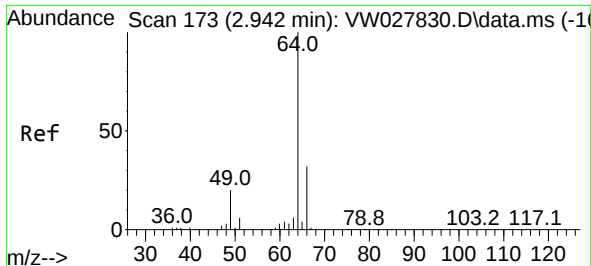
Tgt Ion: 62 Resp: 483775
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.6



#6
 Bromomethane
 Concen: 95.440 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

Tgt Ion: 94 Resp: 346861
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.3 119.5

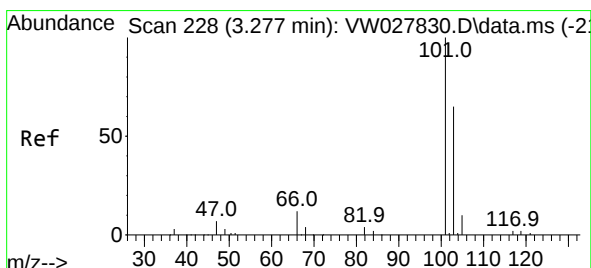
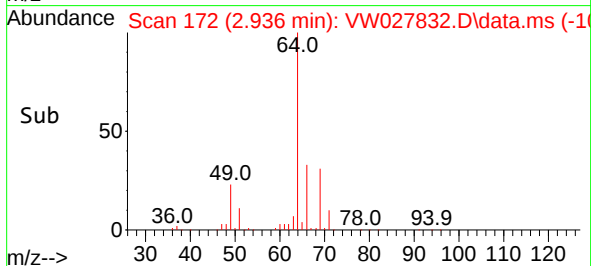
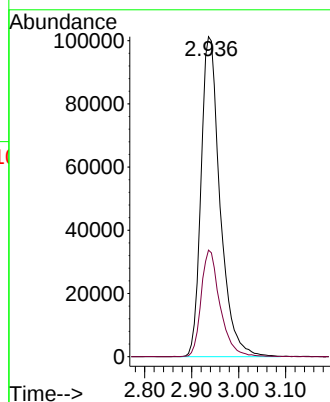
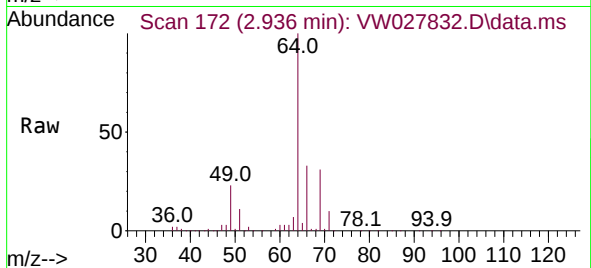




#8
Chloroethane
Concen: 90.732 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

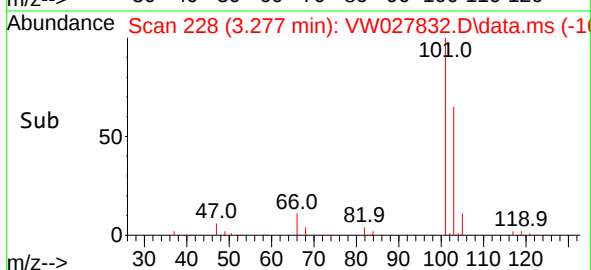
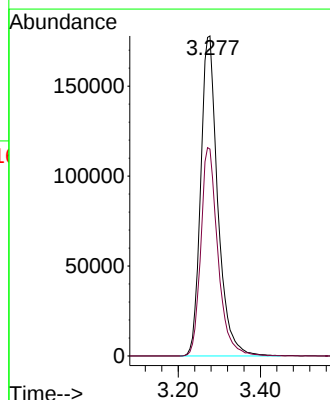
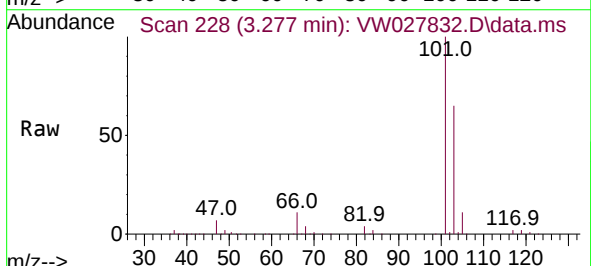
Instrument :
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ClientSampleId :

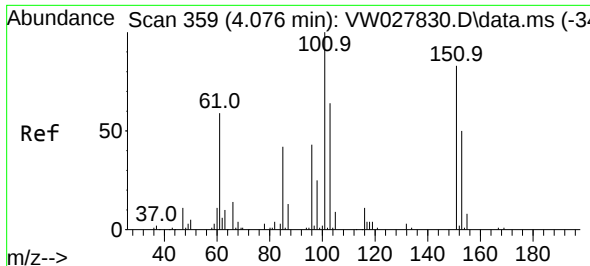
Tgt Ion: 64 Resp: 284736
Ion Ratio Lower Upper
64 100
66 33.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 96.454 ug/L
RT: 3.277 min Scan# 228
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion:101 Resp: 512652
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

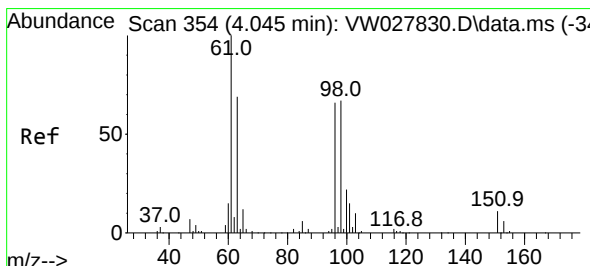
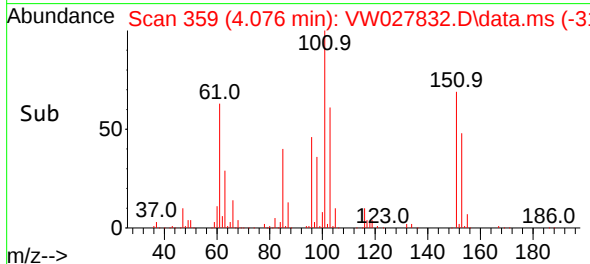
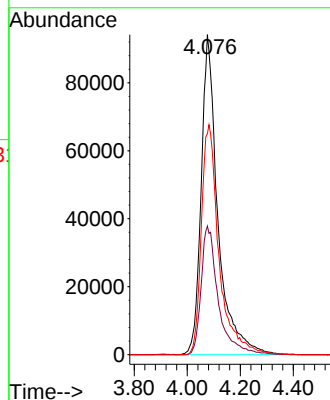
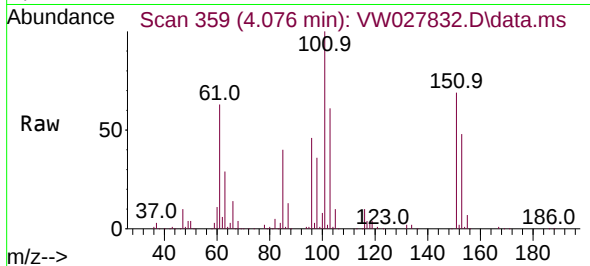




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 95.333 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

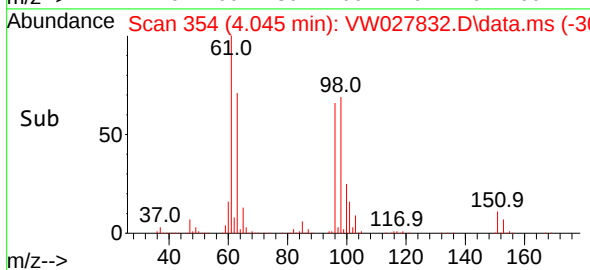
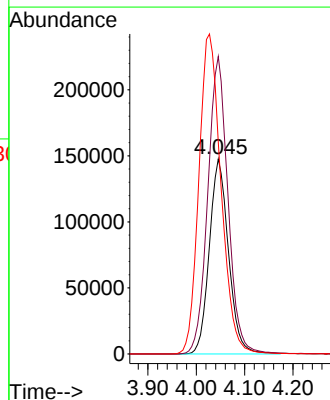
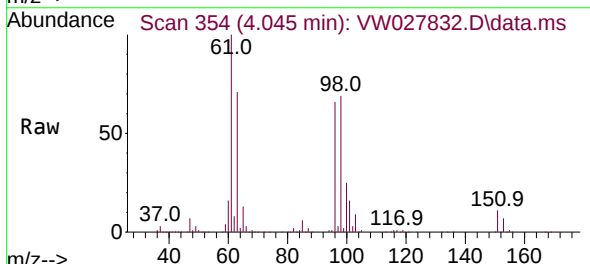
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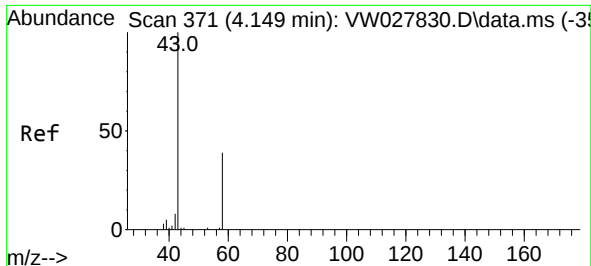
Tgt Ion:101 Resp: 412155
 Ion Ratio Lower Upper
 101 100
 85 40.4 32.6 48.8
 151 74.5 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 95.456 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

Tgt Ion: 96 Resp: 406863
 Ion Ratio Lower Upper
 96 100
 61 152.5 105.7 196.3
 63 108.6 76.0 141.2

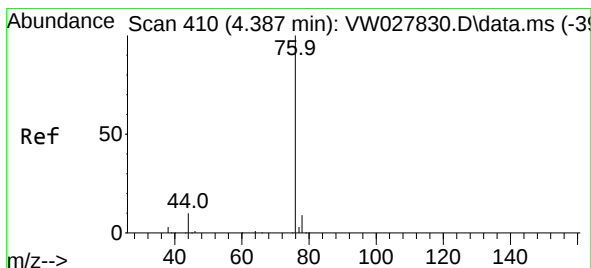
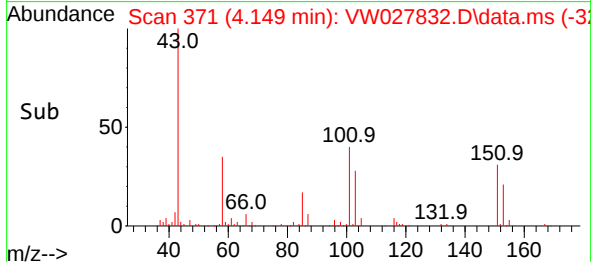
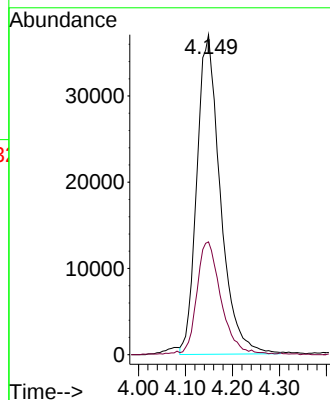
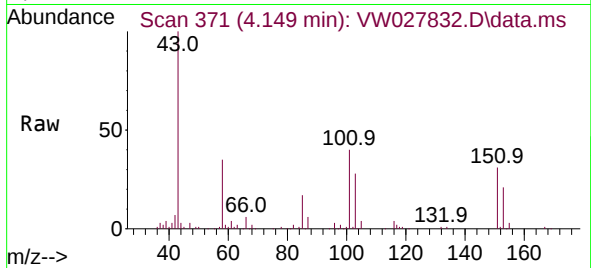




#13
Acetone
Concen: 146.834 ug/L
RT: 4.149 min Scan# 371
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

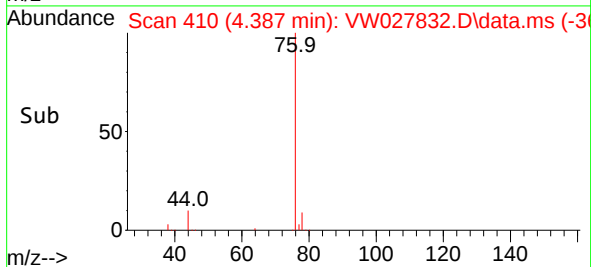
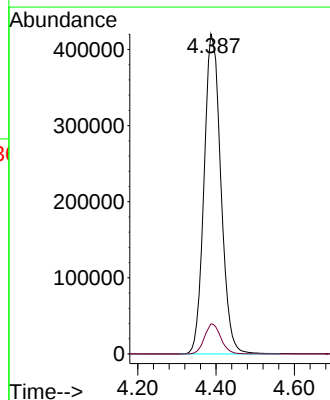
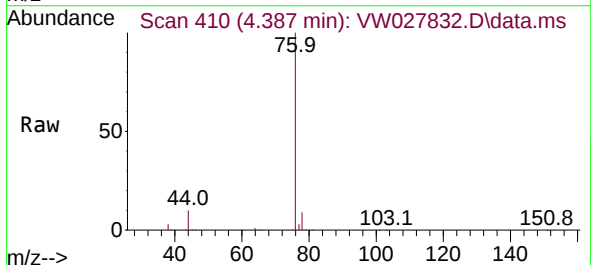
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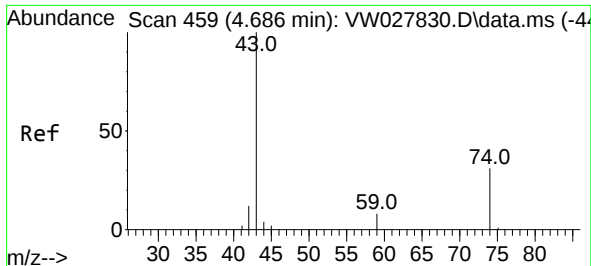
Tgt Ion: 43 Resp: 128714
Ion Ratio Lower Upper
43 100
58 34.4 0.0 70.2



#14
Carbon disulfide
Concen: 95.964 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 1250729
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

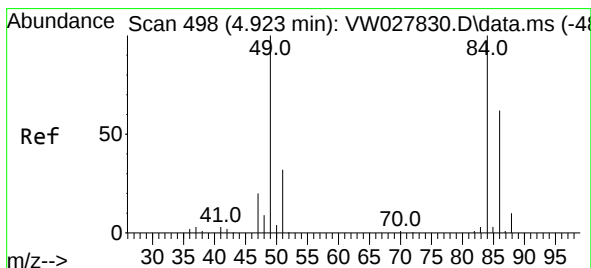
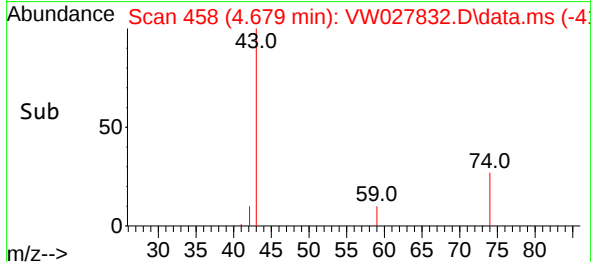
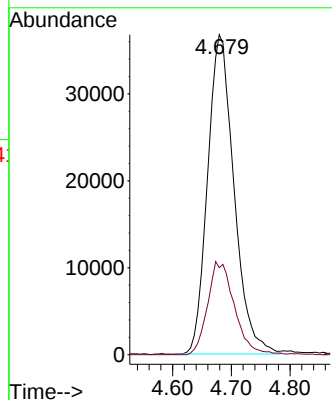
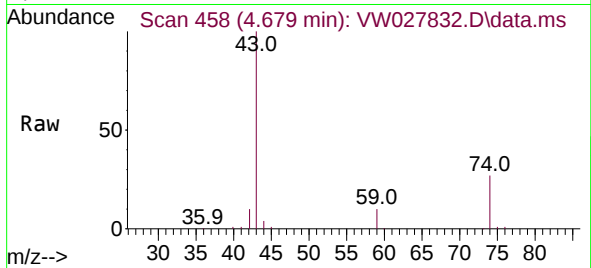




#15
Methyl Acetate
Concen: 94.489 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

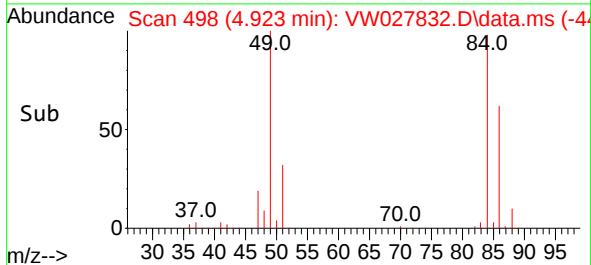
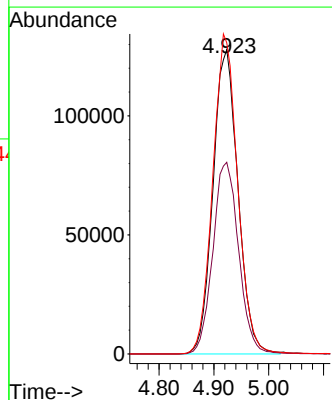
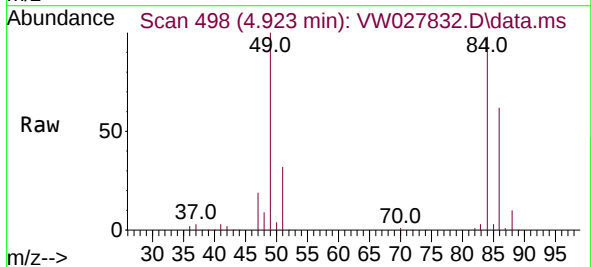
Instrument :
MSVOA_W
ClientSampleId :

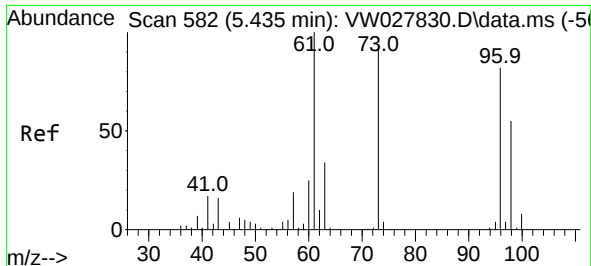
Tgt Ion: 43 Resp: 114959
Ion Ratio Lower Upper
43 100
74 29.4 21.9 32.9



#16
Methylene chloride
Concen: 77.362 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion: 84 Resp: 405144
Ion Ratio Lower Upper
84 100
86 63.0 43.5 80.9
49 102.3 70.3 130.5





#17

trans-1,2-Dichloroethene

Concen: 94.800 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

ClientSampleId :

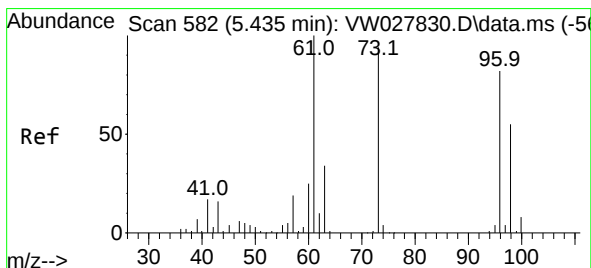
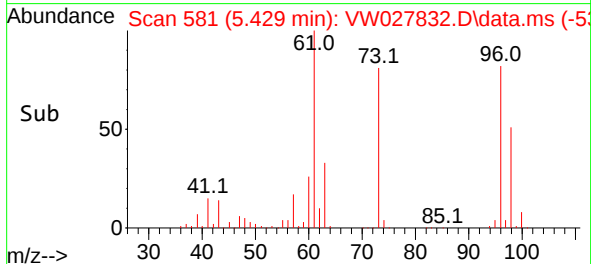
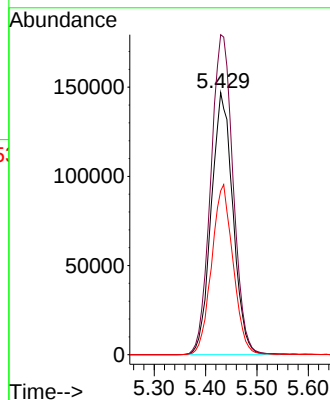
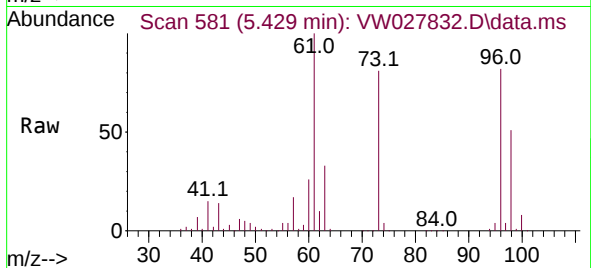
Tgt Ion: 96 Resp: 430538

Ion Ratio Lower Upper

96 100

61 122.1 85.0 157.8

98 62.5 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 92.561 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

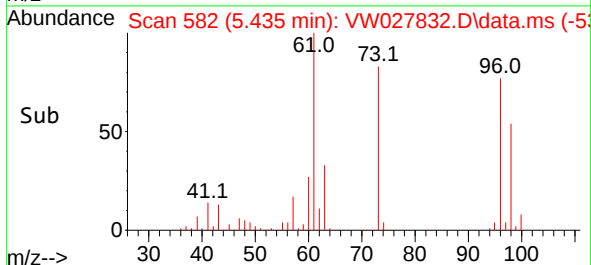
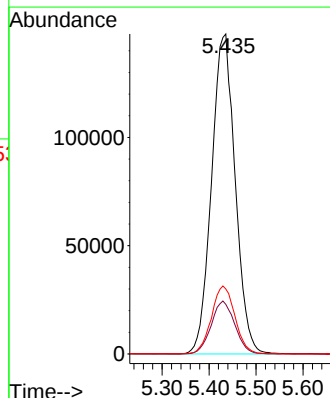
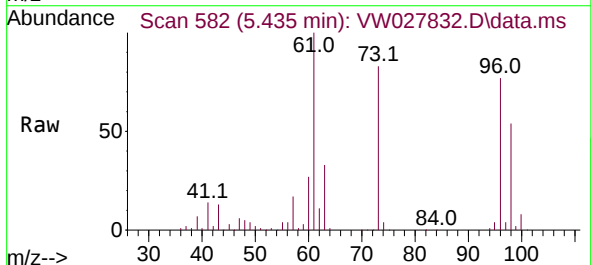
Tgt Ion: 73 Resp: 516285

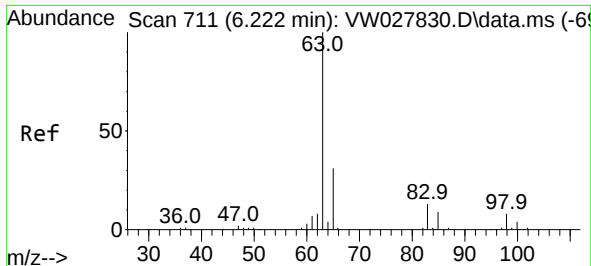
Ion Ratio Lower Upper

73 100

43 16.4 13.5 20.3

57 21.2 16.9 25.3

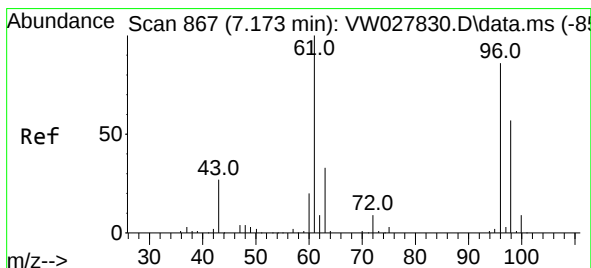
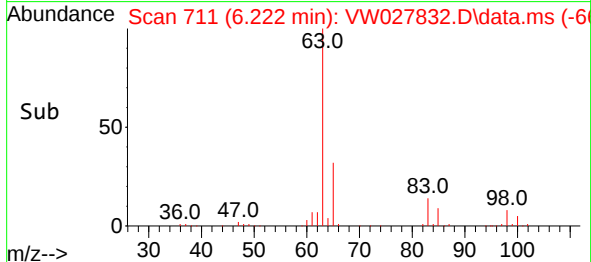
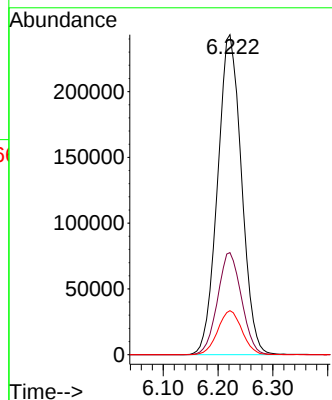
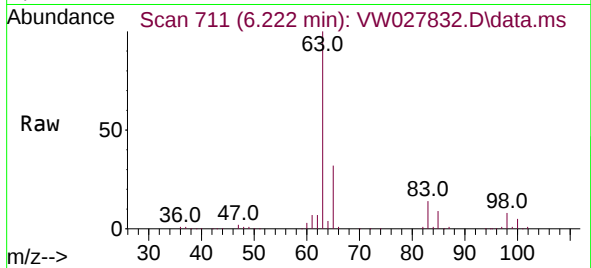




#19
 1,1-Dichloroethane
 Concen: 95.695 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

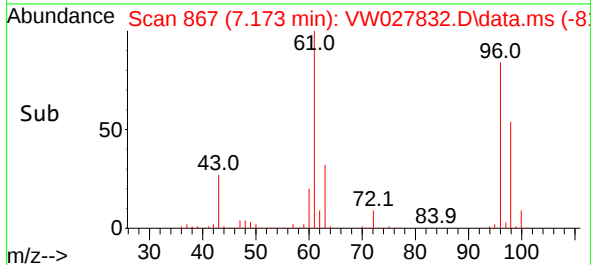
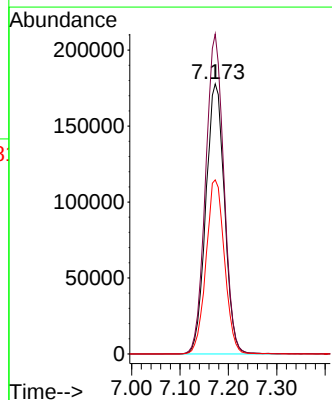
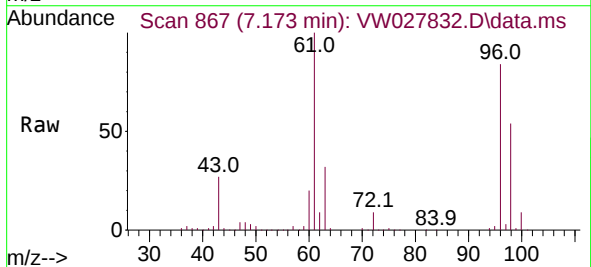
Instrument :
 MSVOA_W
 ClientSampleId :

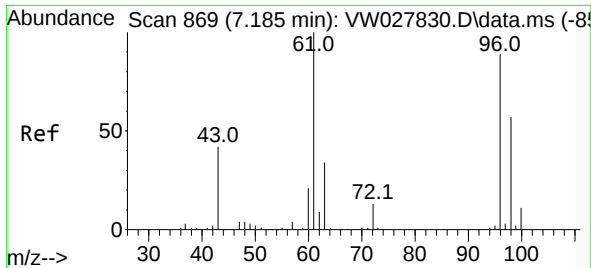
Tgt Ion: 63 Resp: 737643
 Ion Ratio Lower Upper
 63 100
 65 31.9 21.5 39.9
 83 13.8 9.2 17.0



#20
 cis-1,2-Dichloroethene
 Concen: 97.379 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

Tgt Ion: 96 Resp: 476521
 Ion Ratio Lower Upper
 96 100
 61 118.5 81.1 150.7
 98 64.4 46.5 86.5

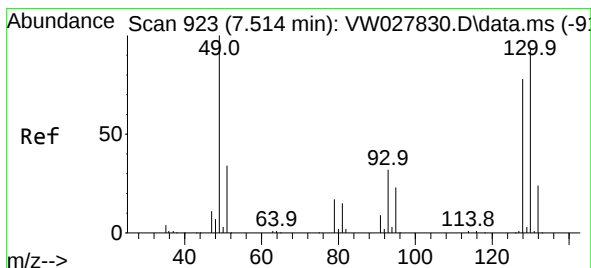
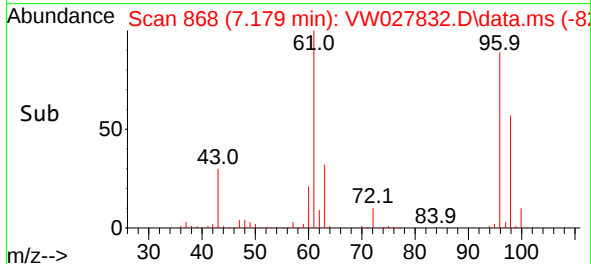
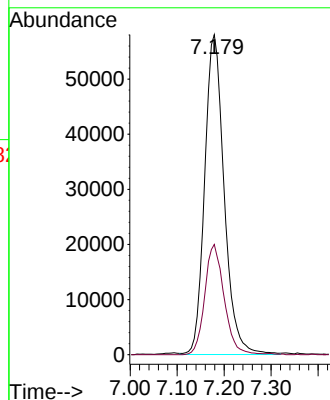
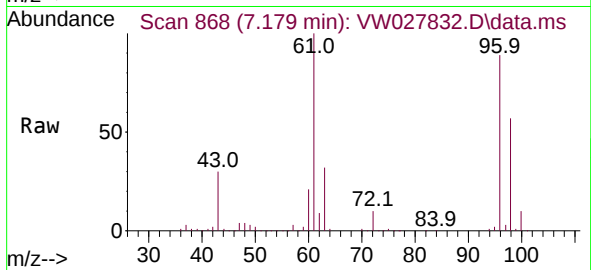




#22
2-Butanone
Concen: 186.772 ug/L
RT: 7.179 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

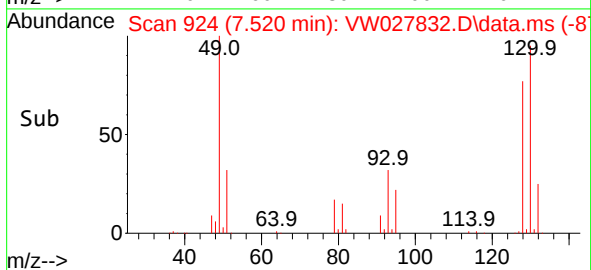
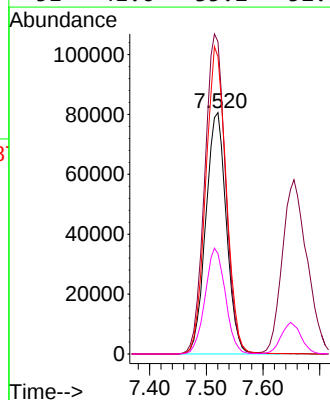
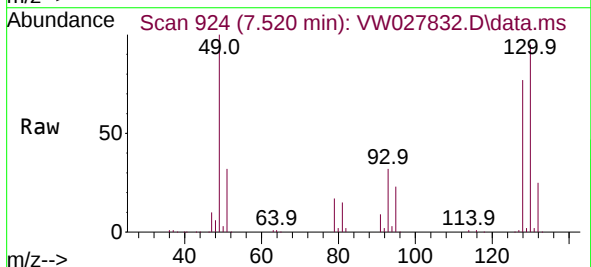
Instrument :
MSVOA_W
ClientSampleId :

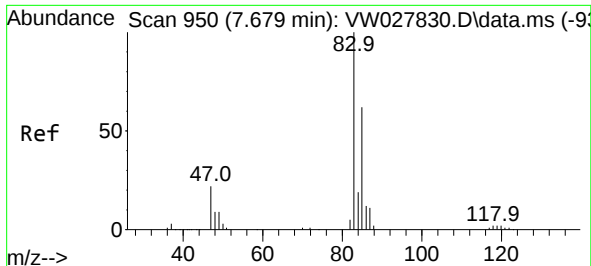
Tgt Ion: 43 Resp: 167048
Ion Ratio Lower Upper
43 100
72 34.2 16.7 50.1



#23
Bromochloromethane
Concen: 94.719 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion:128 Resp: 203441
Ion Ratio Lower Upper
128 100
49 129.4 89.9 166.9
130 123.2 83.3 154.7
51 41.6 35.2 52.8

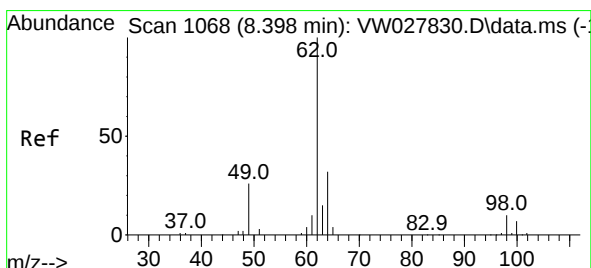
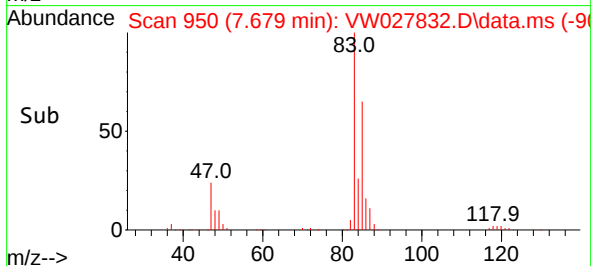
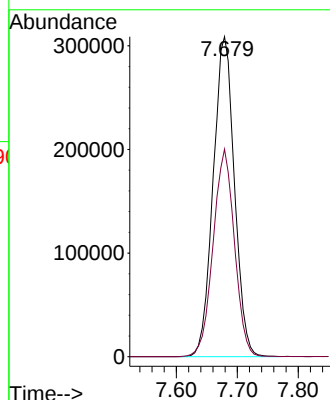
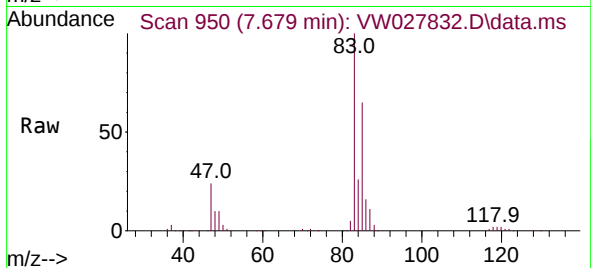




#25
Chloroform
Concen: 93.629 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

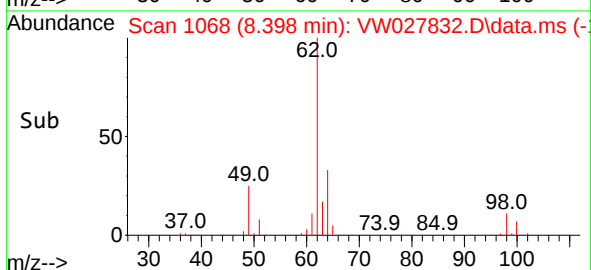
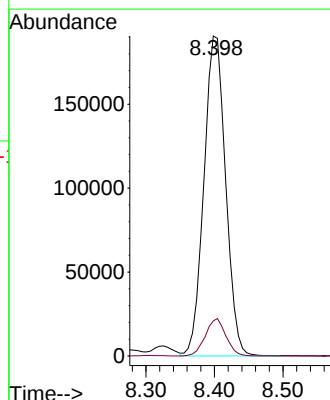
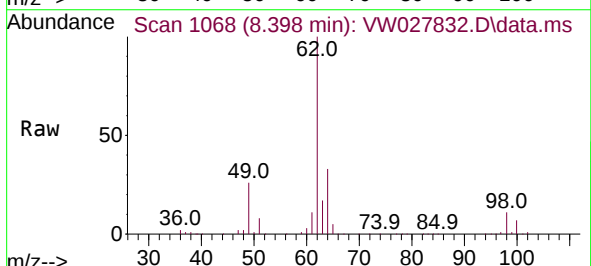
Instrument :
MSVOA_W
ClientSampleId :

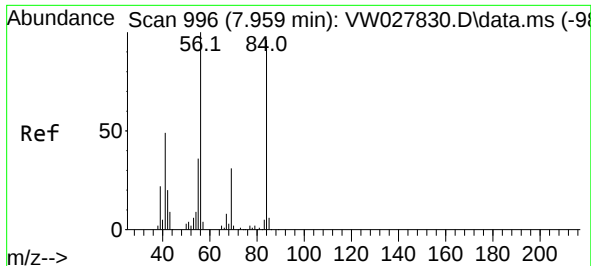
Tgt Ion: 83 Resp: 748650
Ion Ratio Lower Upper
83 100
85 64.8 43.7 81.1



#27
1,2-Dichloroethane
Concen: 93.522 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

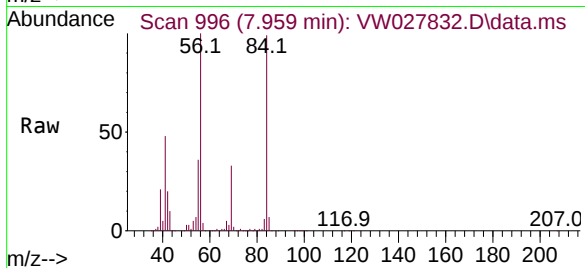
Tgt Ion: 62 Resp: 421008
Ion Ratio Lower Upper
62 100
98 10.9 8.1 12.1



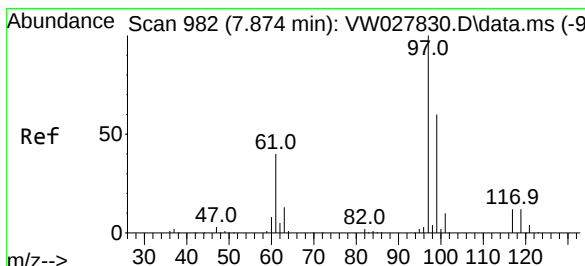
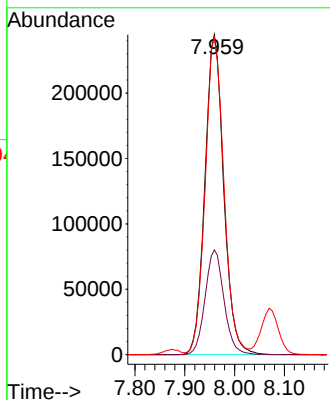
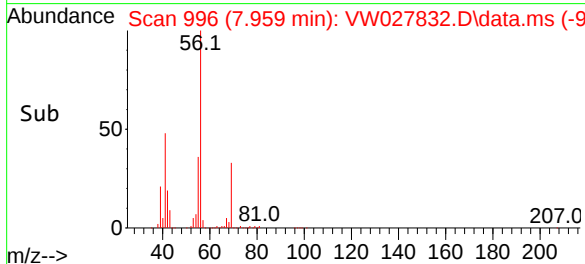


#29
Cyclohexane
Concen: 95.344 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Instrument :
MSVOA_W
ClientSampleId :

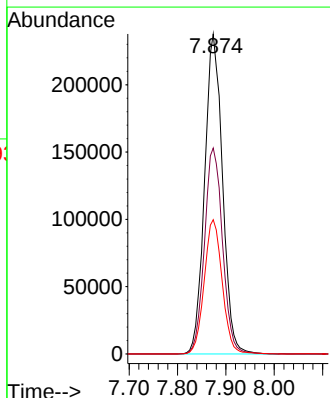
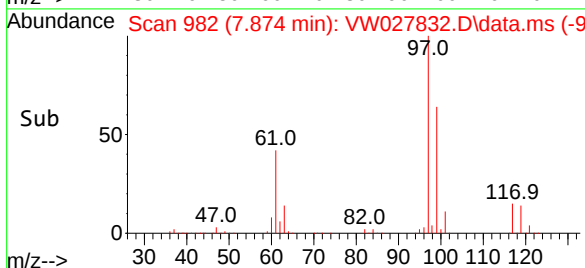
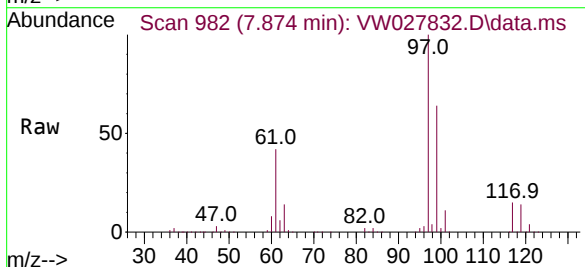


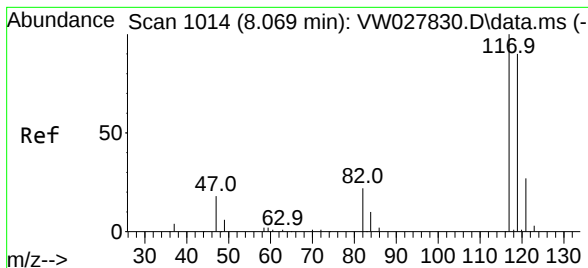
Tgt Ion: 56 Resp: 640953
Ion Ratio Lower Upper
56 100
69 32.9 25.8 38.6
84 99.1 79.0 118.4



#30
1,1,1-Trichloroethane
Concen: 92.228 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion: 97 Resp: 610450
Ion Ratio Lower Upper
97 100
99 65.1 50.6 75.8
61 42.3 33.6 50.4





#31

Carbon tetrachloride

Concen: 95.245 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

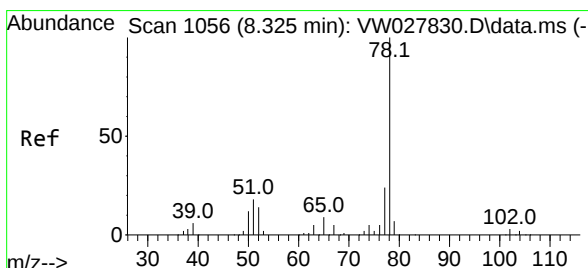
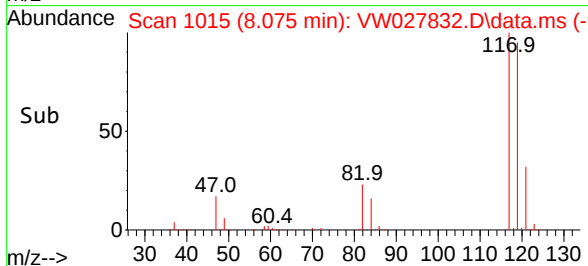
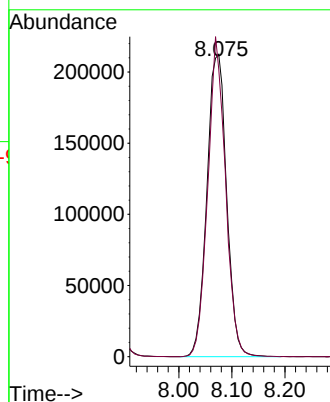
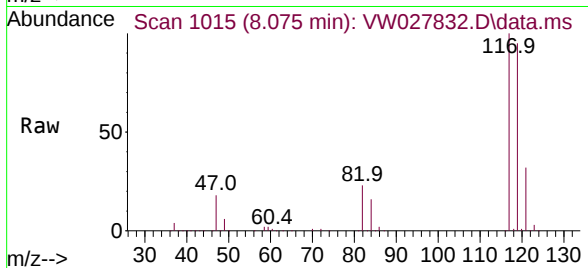
ClientSampleId :

Tgt Ion:117 Resp: 549135

Ion Ratio Lower Upper

117 100

119 94.9 74.8 112.2



#33

Benzene

Concen: 91.729 ug/L

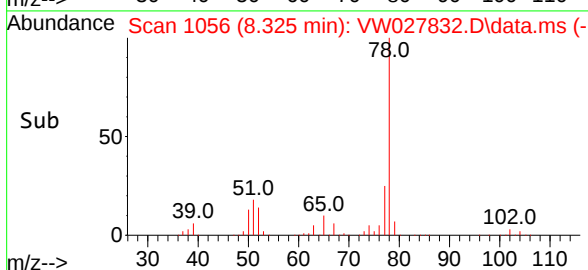
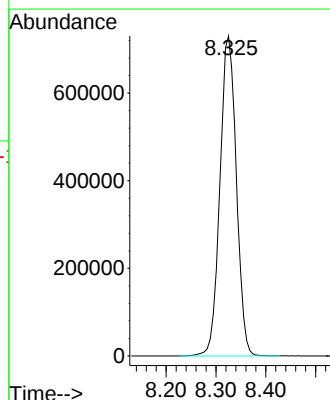
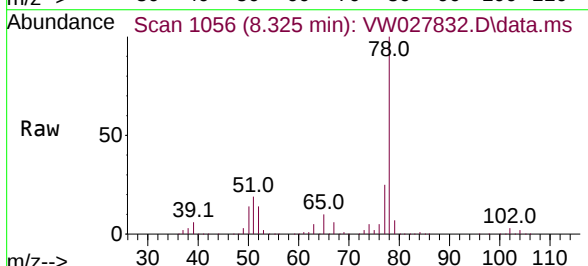
RT: 8.325 min Scan# 1056

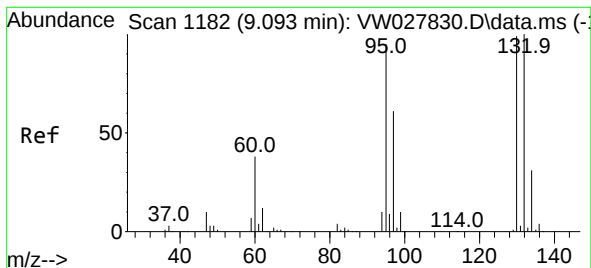
Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Tgt Ion: 78 Resp: 1669018





#34

Trichloroethene

Concen: 94.236 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

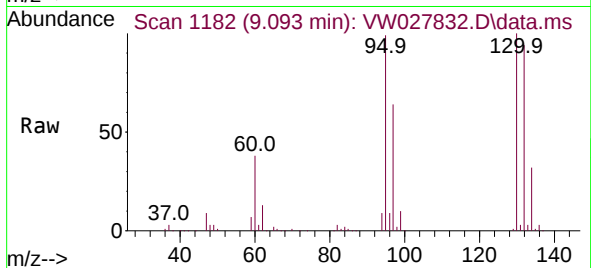
Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 469692

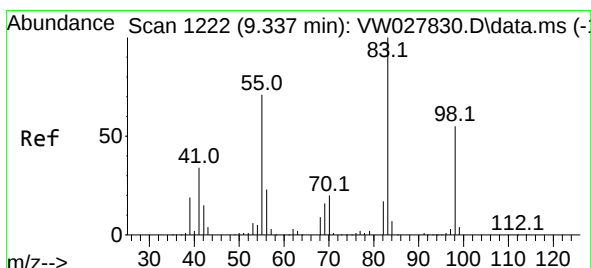
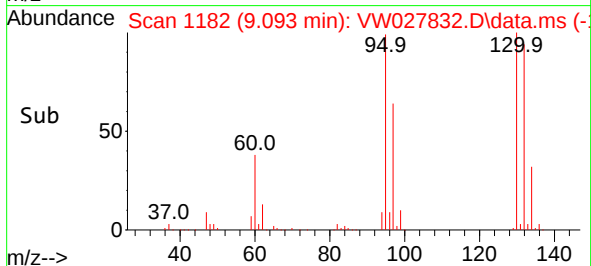
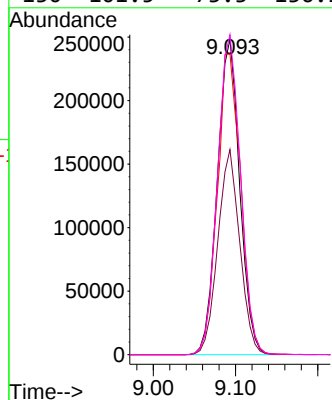
Ion Ratio Lower Upper

95 100

97 65.1 45.1 83.9

132 95.4 74.1 137.5

130 101.5 73.3 136.1



#35

Methylcyclohexane

Concen: 94.367 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

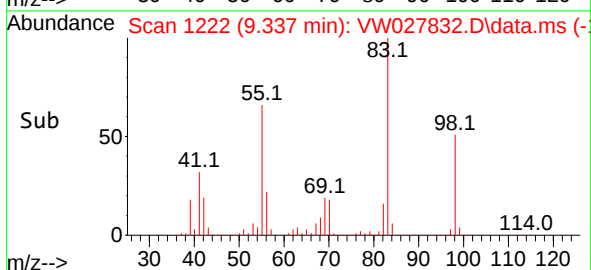
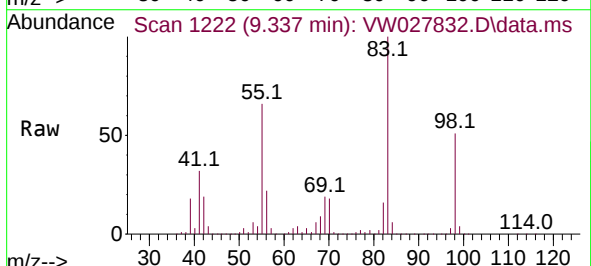
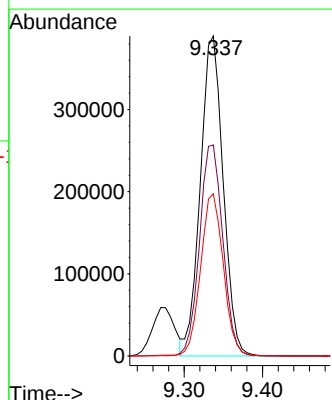
Tgt Ion: 83 Resp: 790863

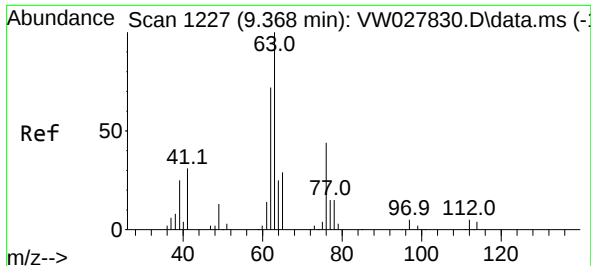
Ion Ratio Lower Upper

83 100

55 67.0 54.7 82.1

98 50.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 93.320 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

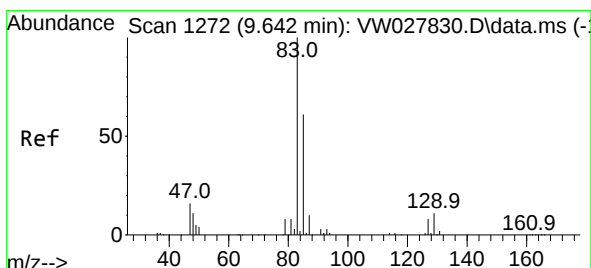
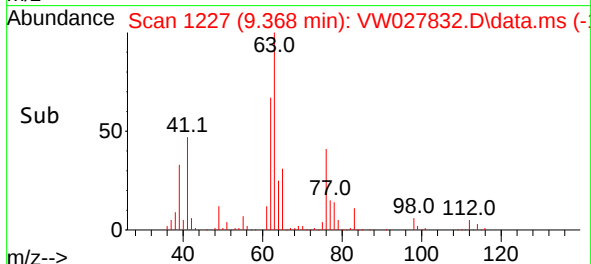
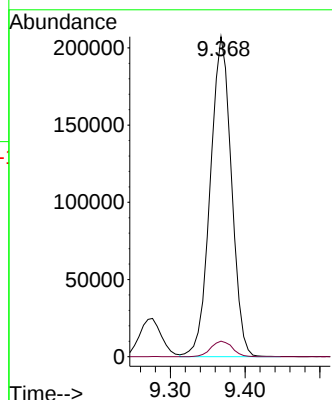
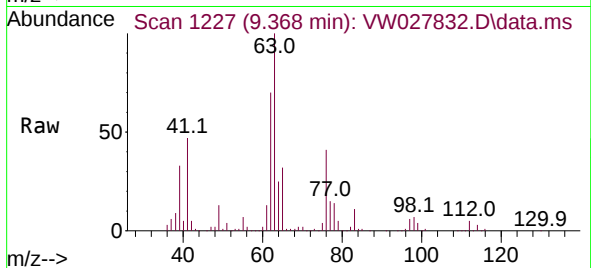
ClientSampleId :

Tgt Ion: 63 Resp: 408118

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 94.505 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

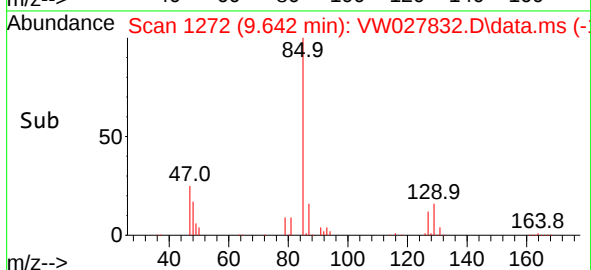
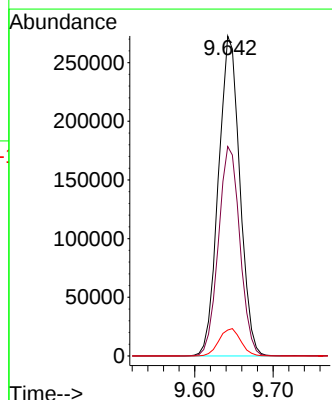
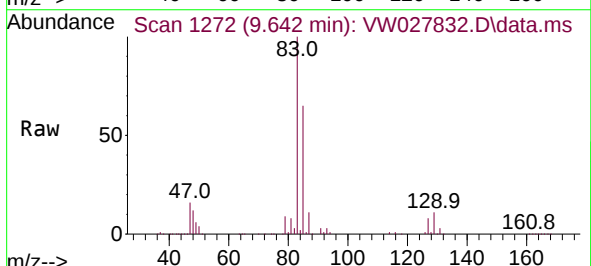
Tgt Ion: 83 Resp: 517924

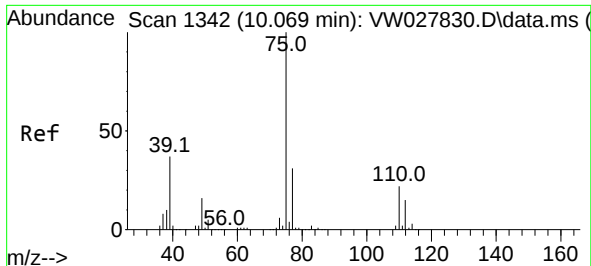
Ion Ratio Lower Upper

83 100

85 65.4 43.0 79.8

127 8.1 6.3 9.5

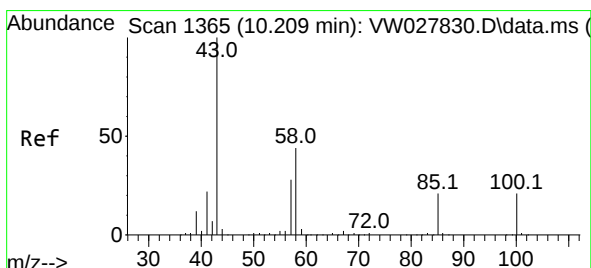
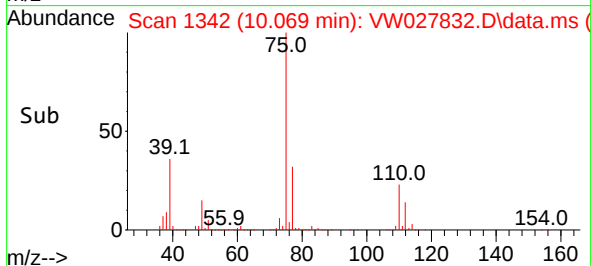
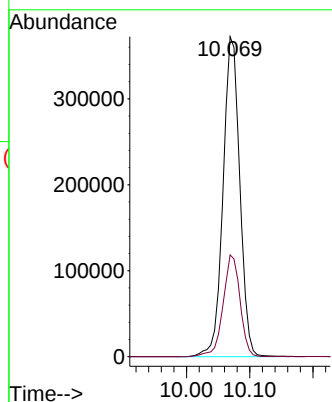
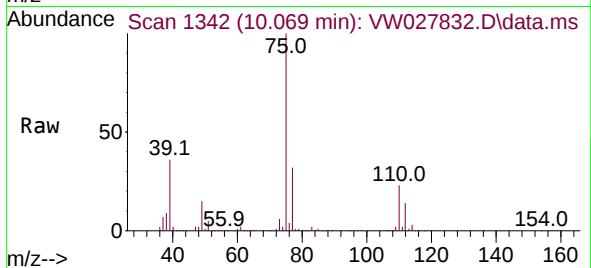




#39
cis-1,3-Dichloropropene
Concen: 100.513 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

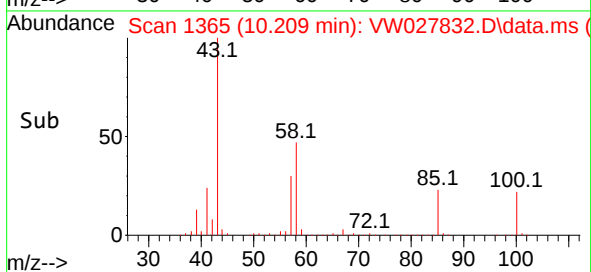
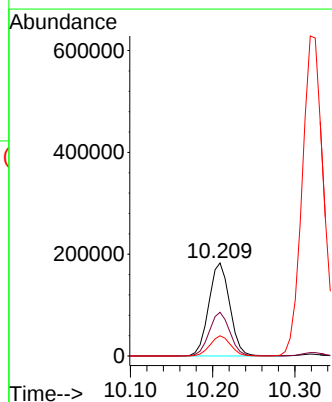
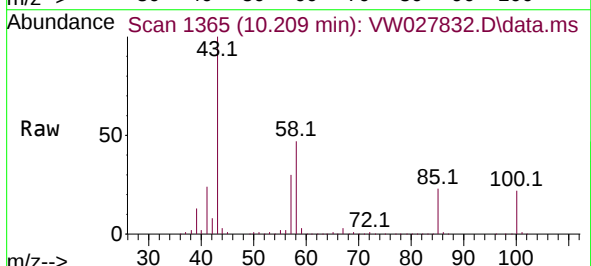
Instrument :
MSVOA_W
ClientSampleId :

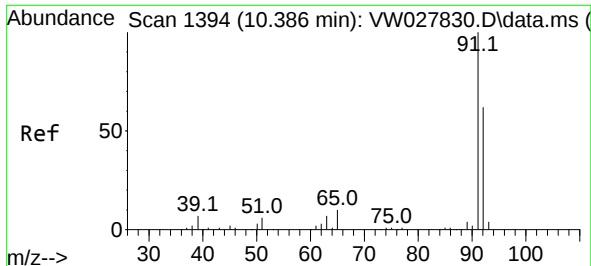
Tgt Ion: 75 Resp: 682036
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 188.307 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion: 43 Resp: 323178
Ion Ratio Lower Upper
43 100
58 46.3 36.9 55.3
100 21.2 16.7 25.1





#42

Toluene

Concen: 94.578 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

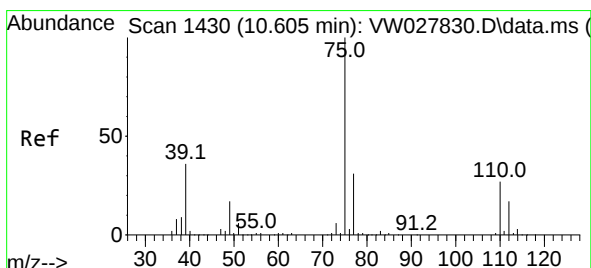
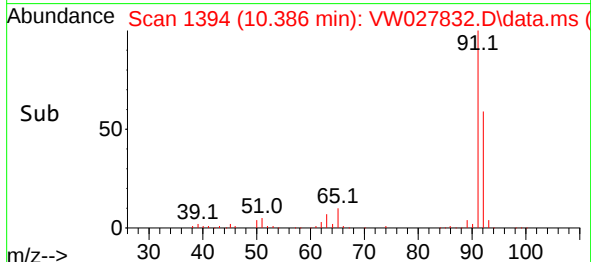
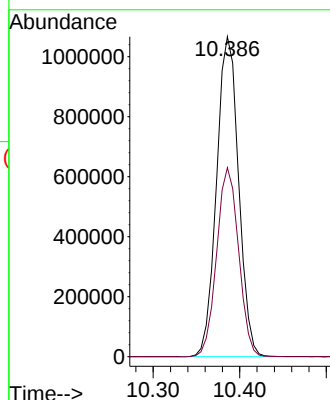
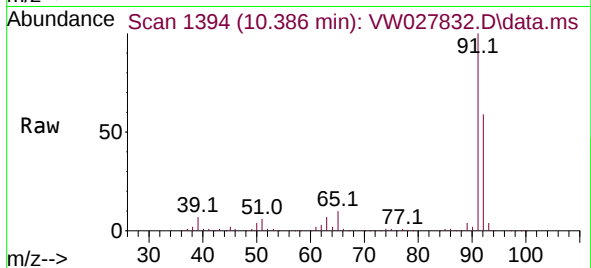
ClientSampleId :

Tgt Ion: 91 Resp: 1884519

Ion Ratio Lower Upper

91 100

92 59.1 43.5 80.7



#44

trans-1,3-Dichloropropene

Concen: 103.239 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027832.D

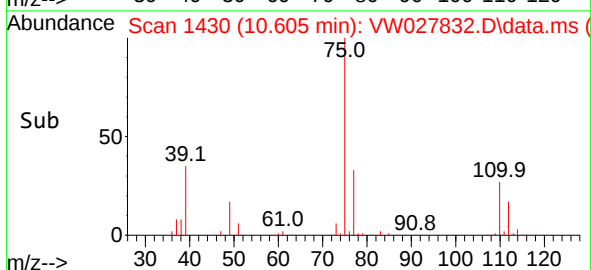
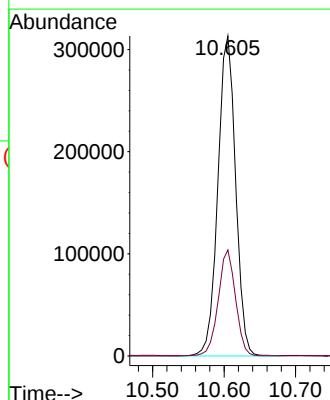
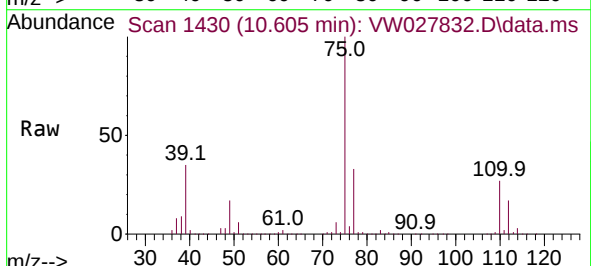
Acq: 08 Jan 2024 15:26

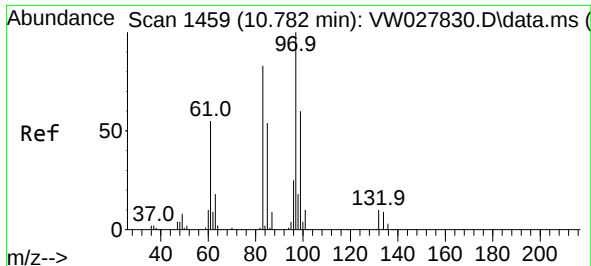
Tgt Ion: 75 Resp: 539718

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 93.924 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 307896

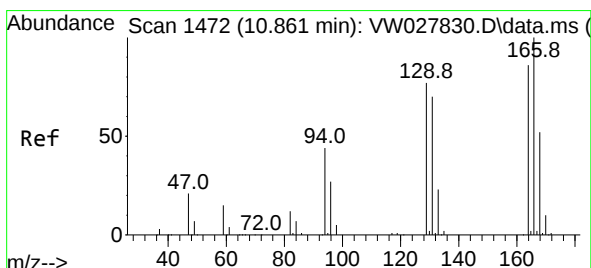
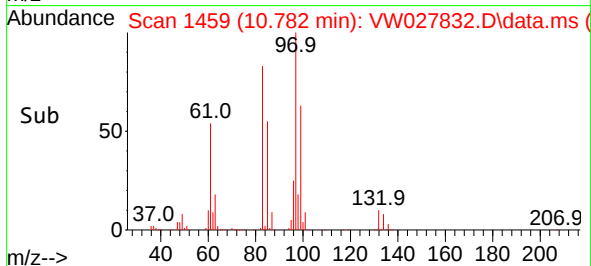
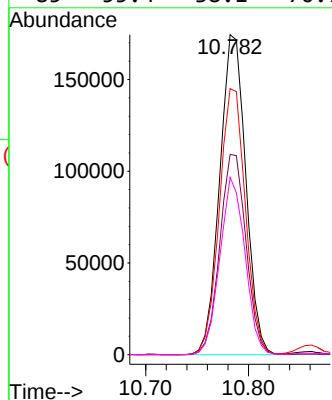
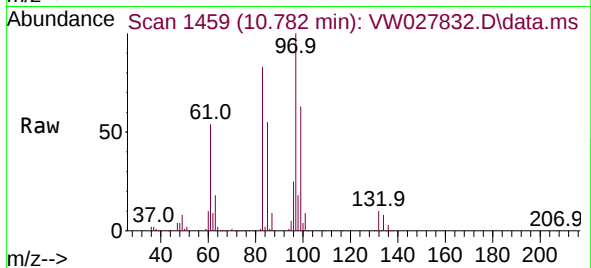
Ion Ratio Lower Upper

97 100

99 62.6 42.1 78.3

83 83.2 58.4 108.4

85 55.4 38.1 70.7



#46

Tetrachloroethene

Concen: 94.605 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Tgt Ion:164 Resp: 379678

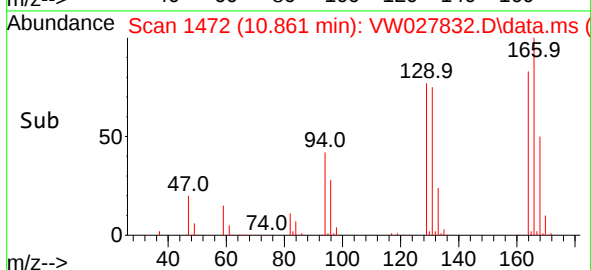
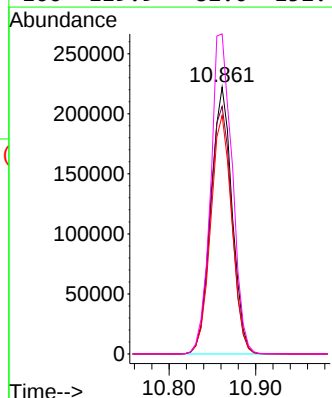
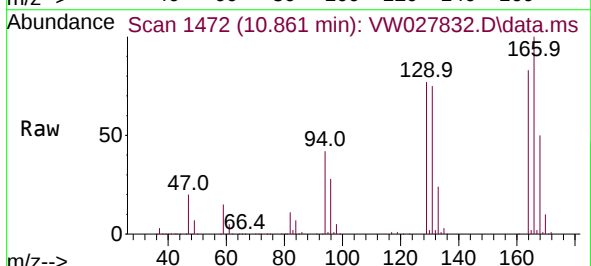
Ion Ratio Lower Upper

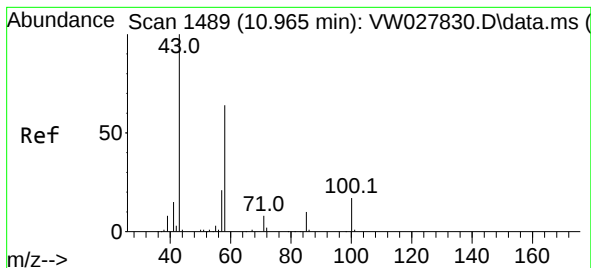
164 100

129 92.7 62.7 116.5

131 89.4 57.3 106.5

166 119.9 82.0 152.4





#48

2-Hexanone

Concen: 186.702 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

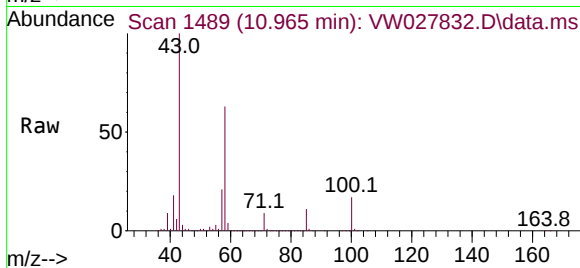
Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 234441

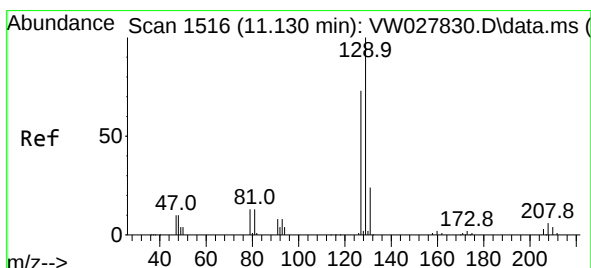
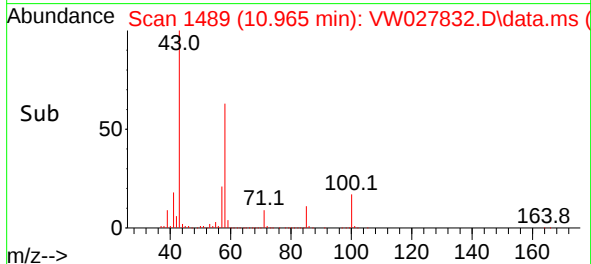
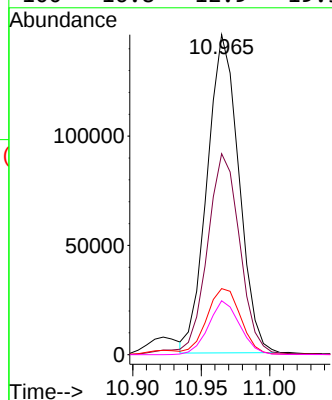
Ion Ratio Lower Upper

43 100

58 64.1 49.3 73.9

57 22.4 17.0 25.4

100 16.8 12.9 19.3



#49

Dibromochloromethane

Concen: 98.016 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027832.D

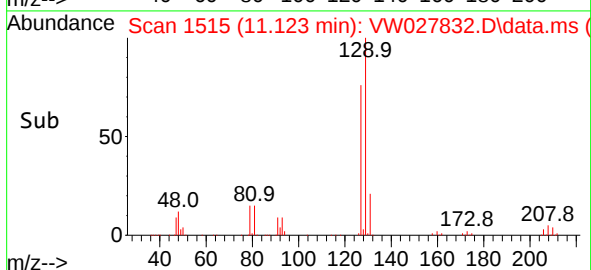
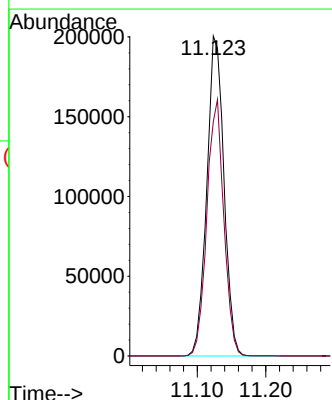
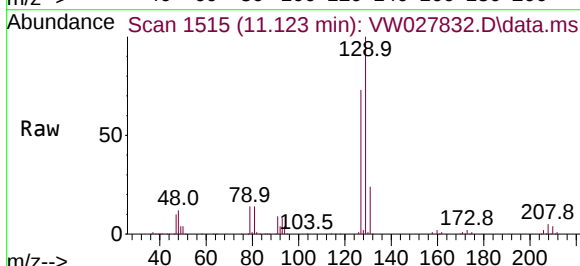
Acq: 08 Jan 2024 15:26

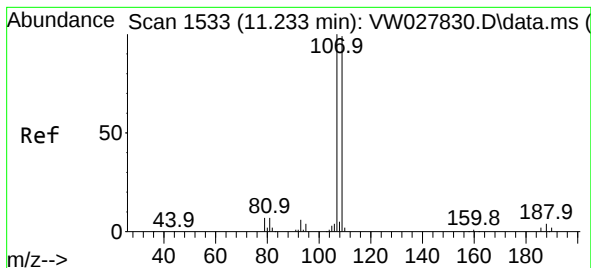
Tgt Ion:129 Resp: 349312

Ion Ratio Lower Upper

129 100

127 73.3 51.0 94.6

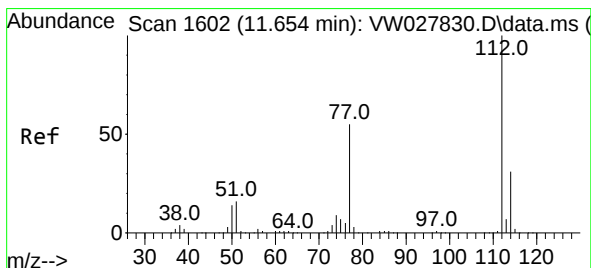
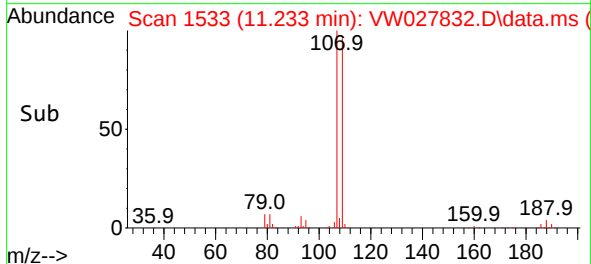
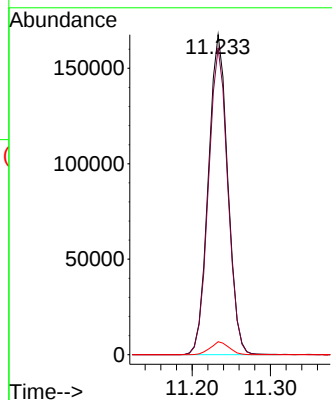
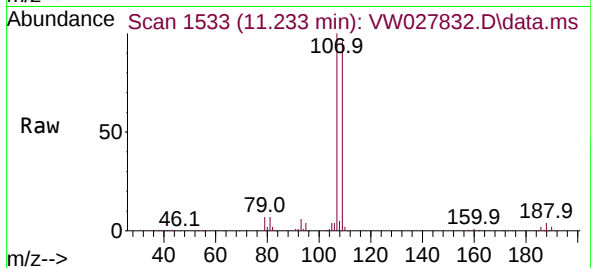




#50
1,2-Dibromoethane
Concen: 96.184 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

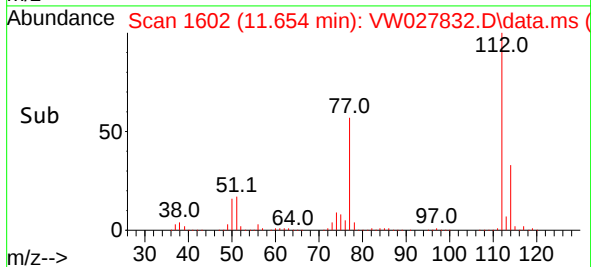
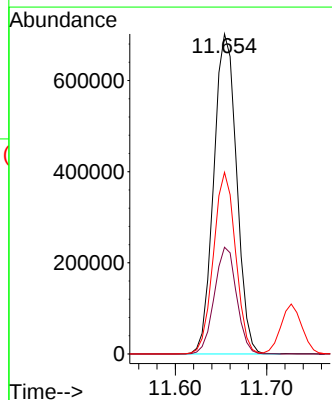
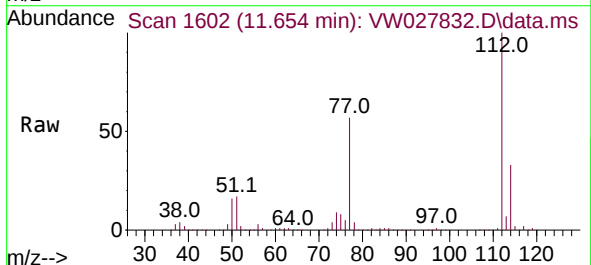
Instrument :
MSVOA_W
ClientSampleId :

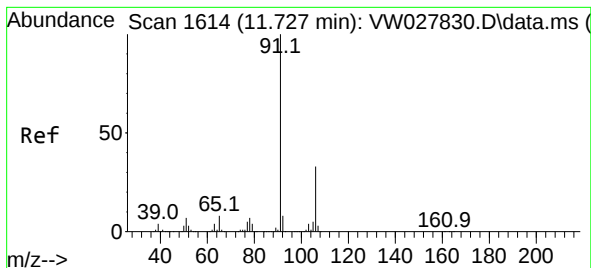
Tgt Ion:107 Resp: 288765
Ion Ratio Lower Upper
107 100
109 95.9 69.3 128.7
188 4.1 3.0 4.4



#51
Chlorobenzene
Concen: 93.151 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion:112 Resp: 1219358
Ion Ratio Lower Upper
112 100
114 33.4 21.3 39.6
77 56.7 44.5 66.7

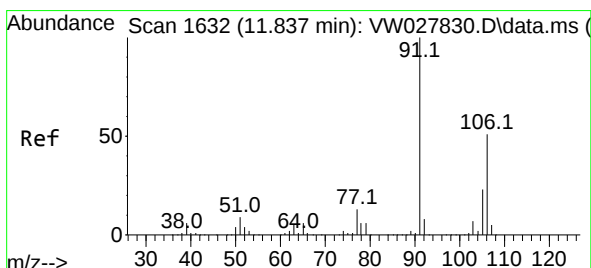
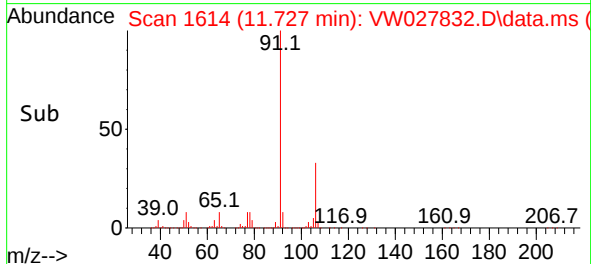
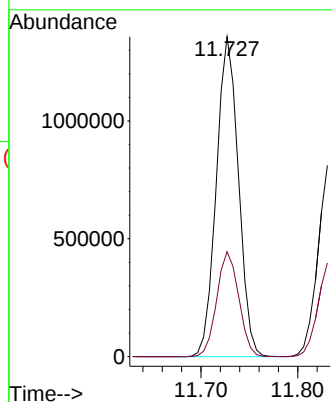
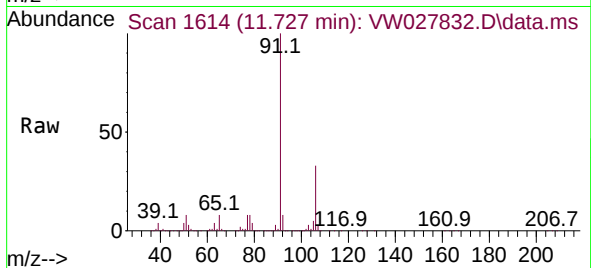




#52
Ethylbenzene
Concen: 95.932 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

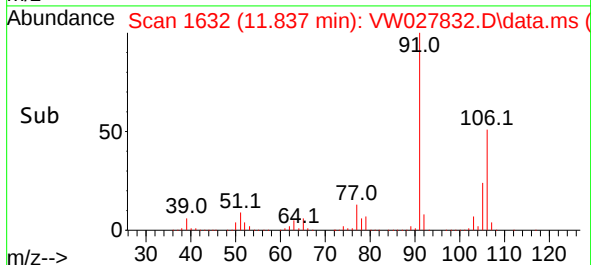
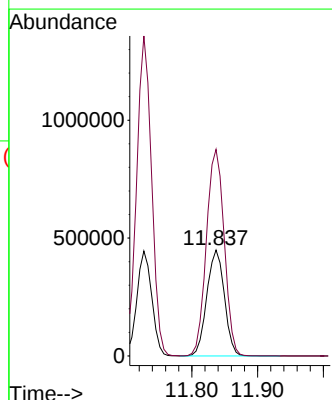
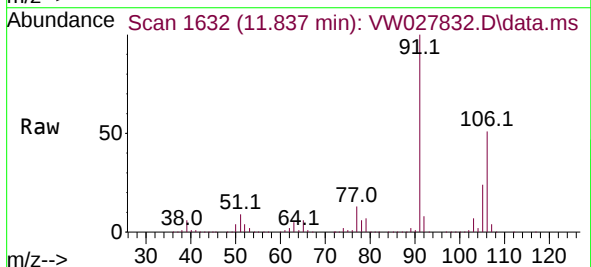
Instrument :
MSVOA_W
ClientSampleId :

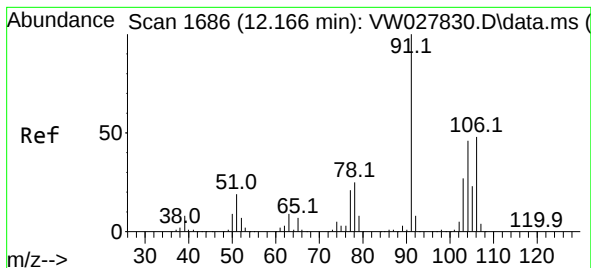
Tgt Ion: 91 Resp: 2151945
Ion Ratio Lower Upper
91 100
106 32.8 23.0 42.6



#53
m,p-Xylene
Concen: 95.954 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion:106 Resp: 833152
Ion Ratio Lower Upper
106 100
91 195.0 137.0 254.4

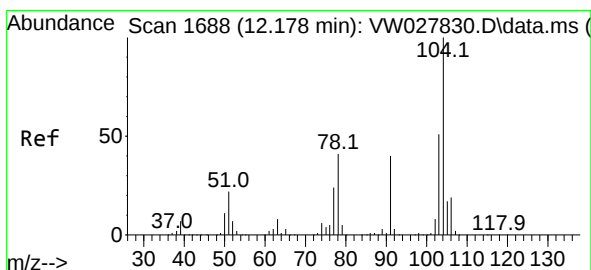
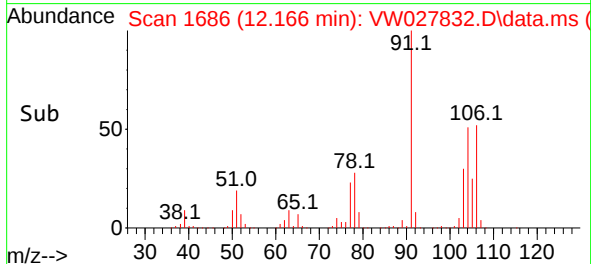
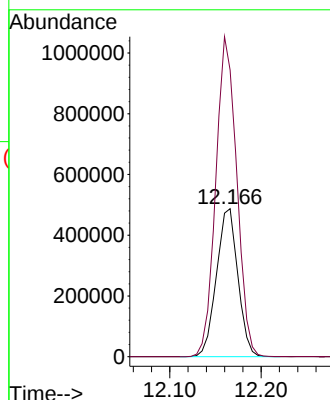
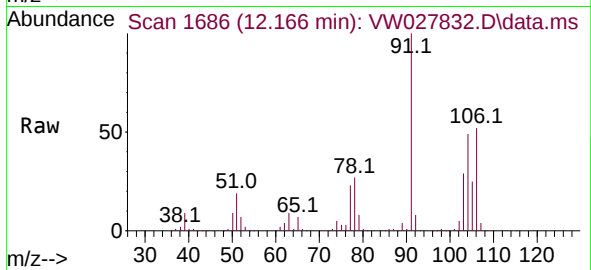




#54
o-Xylene
Concen: 97.497 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

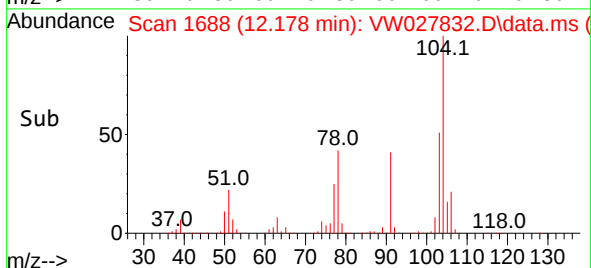
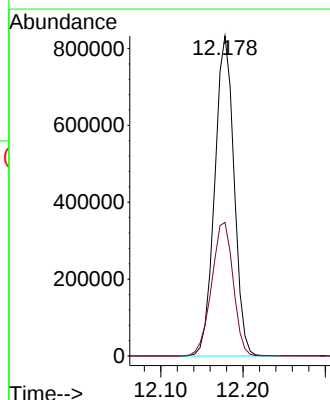
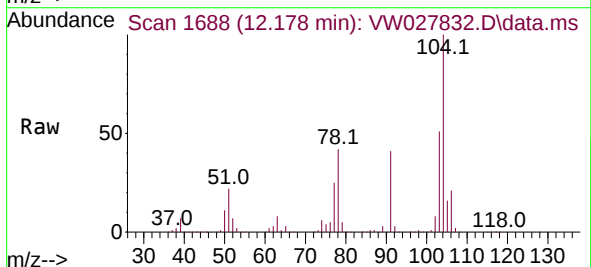
Instrument :
MSVOA_W
ClientSampleId :

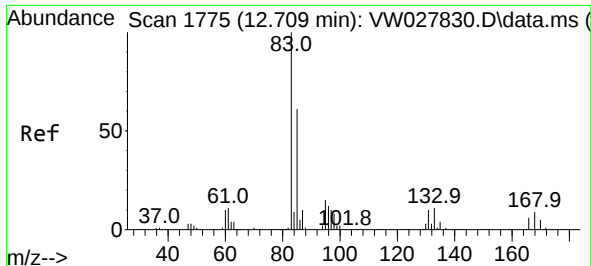
Tgt Ion:106 Resp: 794285
Ion Ratio Lower Upper
106 100
91 193.6 146.4 271.8



#55
Styrene
Concen: 98.248 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion:104 Resp: 1357581
Ion Ratio Lower Upper
104 100
78 41.8 28.8 53.6





#57

1,1,2,2-Tetrachloroethane

Concen: 93.011 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

ClientSampleId :

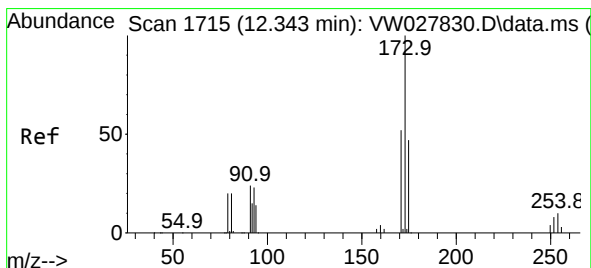
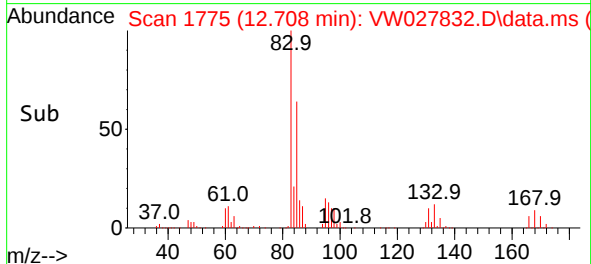
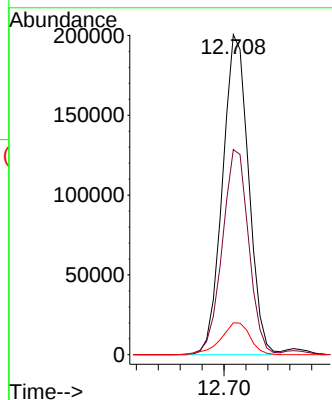
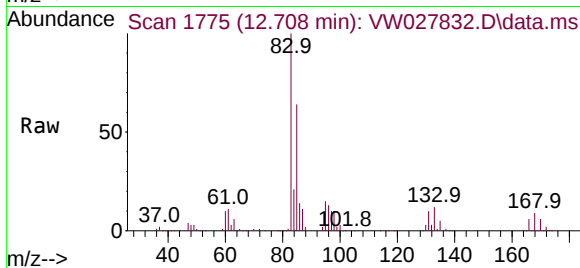
Tgt Ion: 83 Resp: 331320

Ion Ratio Lower Upper

83 100

85 64.1 43.2 80.2

131 9.9 8.2 12.2



#59

Bromoform

Concen: 103.629 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

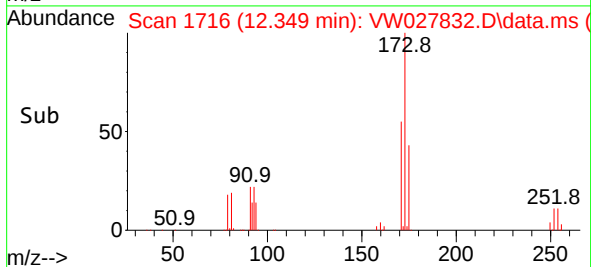
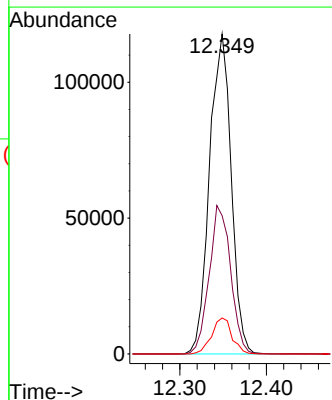
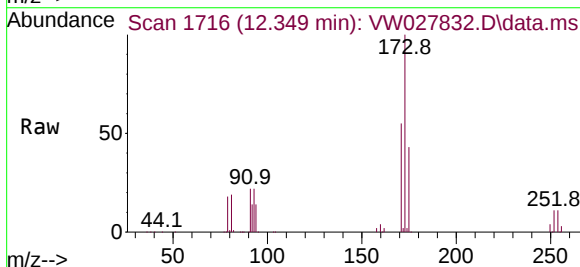
Tgt Ion:173 Resp: 204561

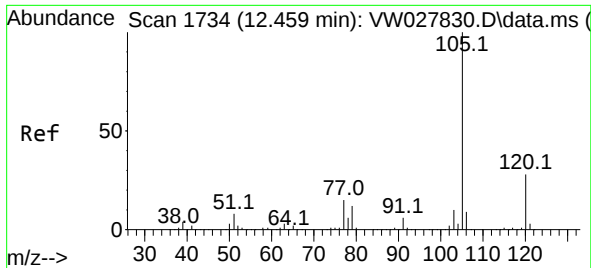
Ion Ratio Lower Upper

173 100

175 46.0 35.9 53.9

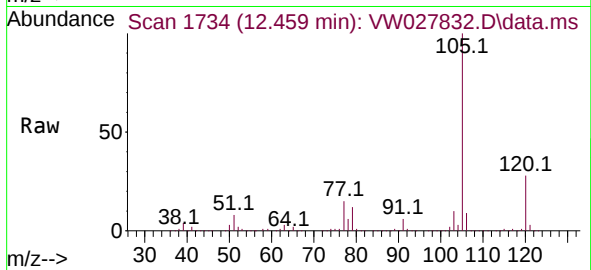
254 10.6 5.1 7.7#



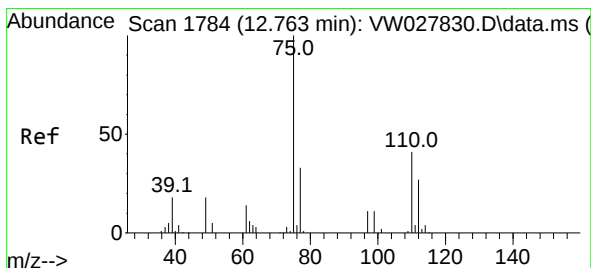
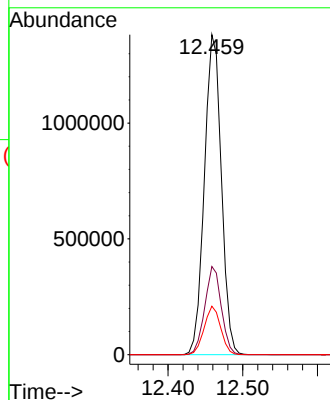
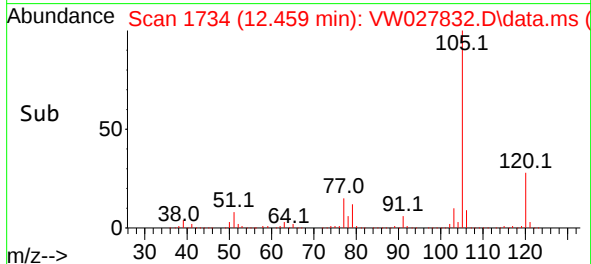


#60
Isopropylbenzene
Concen: 98.724 ug/L
RT: 12.459 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Instrument :
MSVOA_W
ClientSampleId :

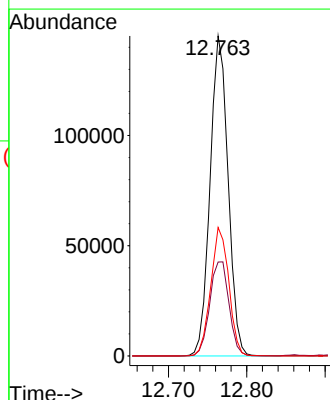
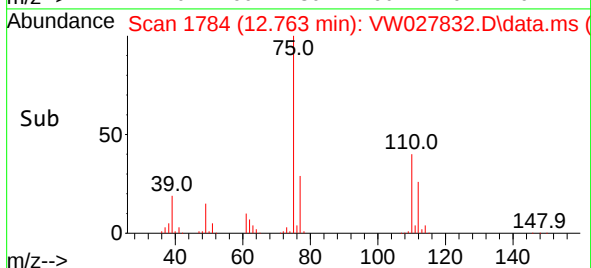
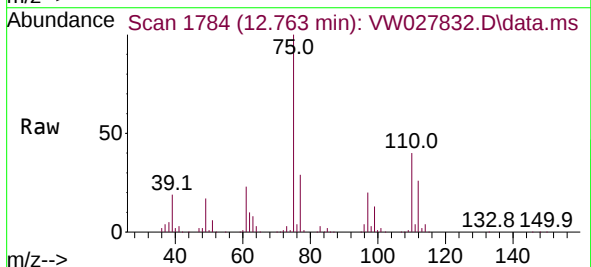


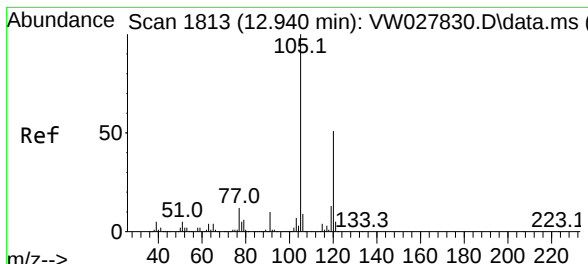
Tgt Ion:105 Resp: 2177205
Ion Ratio Lower Upper
105 100
120 26.8 21.9 32.9
77 14.8 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 94.470 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion: 75 Resp: 231587
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
110 40.2 33.1 49.7

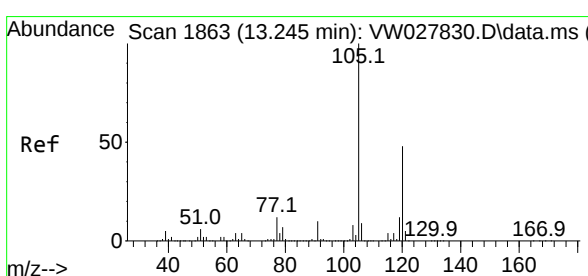
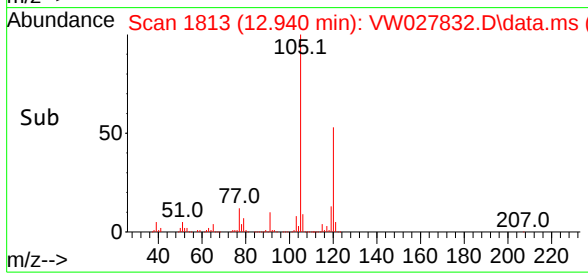
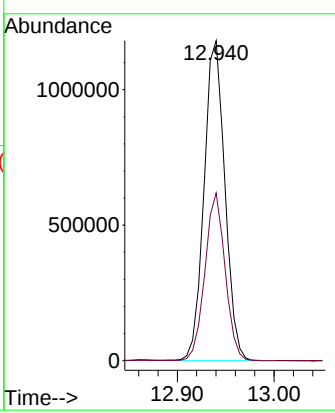
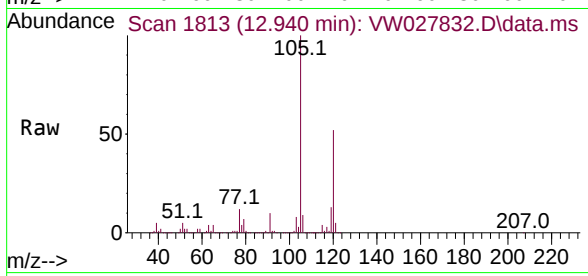




#62
 1,3,5-Trimethylbenzene
 Concen: 101.004 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

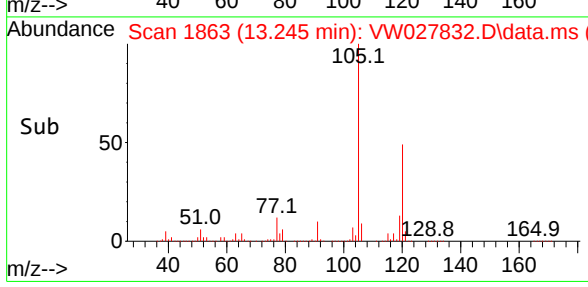
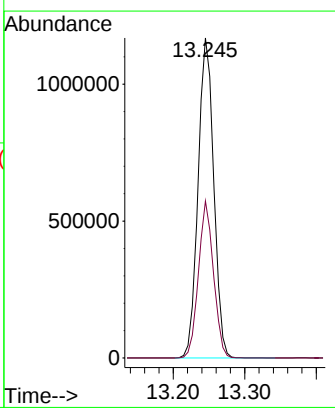
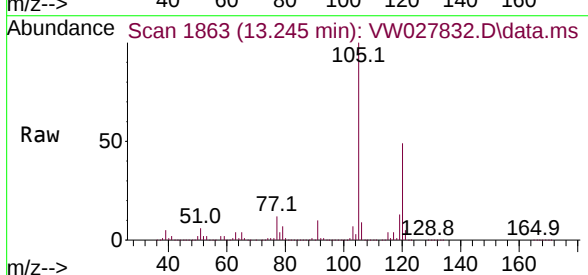
Instrument :
 MSVOA_W
 ClientSampleId :

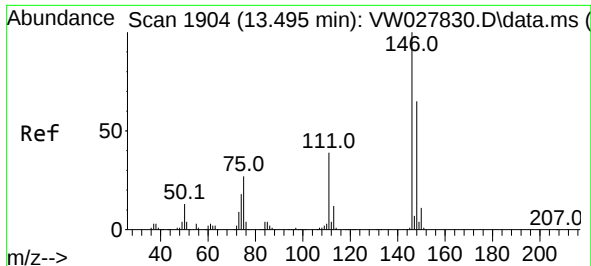
Tgt Ion:105 Resp: 1768337
 Ion Ratio Lower Upper
 105 100
 120 50.8 41.2 61.8



#63
 1,2,4-Trimethylbenzene
 Concen: 101.684 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW027832.D
 Acq: 08 Jan 2024 15:26

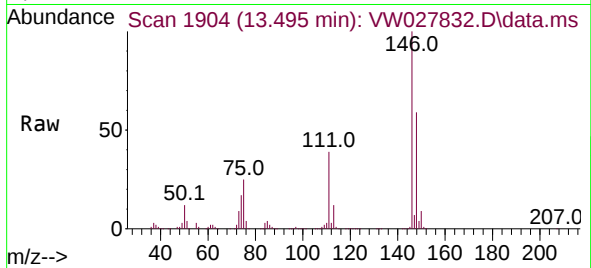
Tgt Ion:105 Resp: 1776247
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.2 57.2



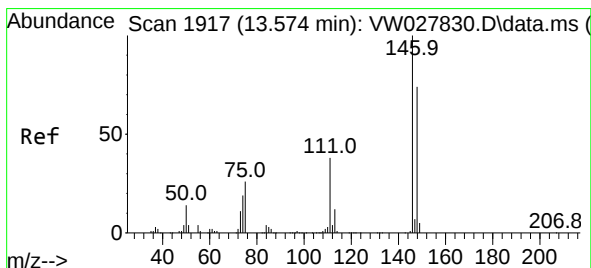
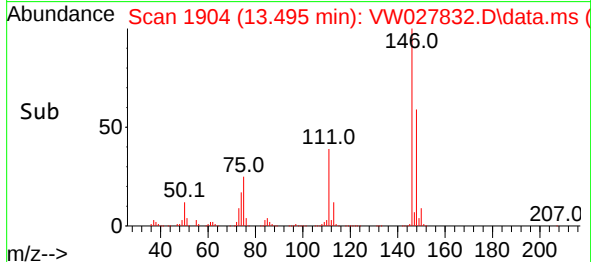
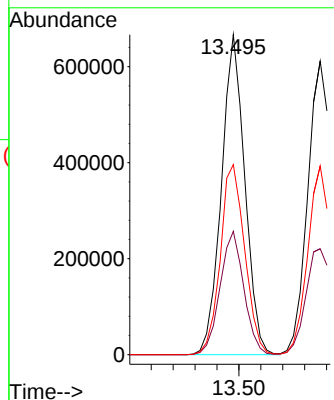


#64
1,3-Dichlorobenzene
Concen: 98.823 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Instrument :
MSVOA_W
ClientSampleId :

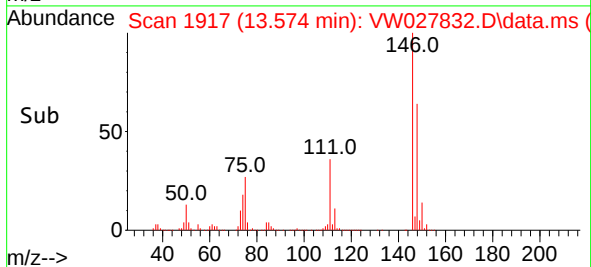
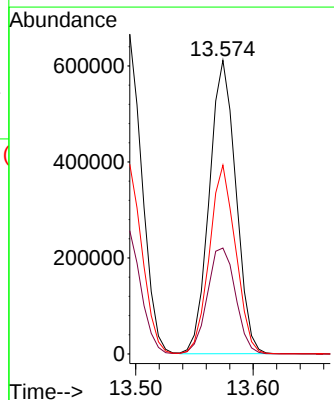
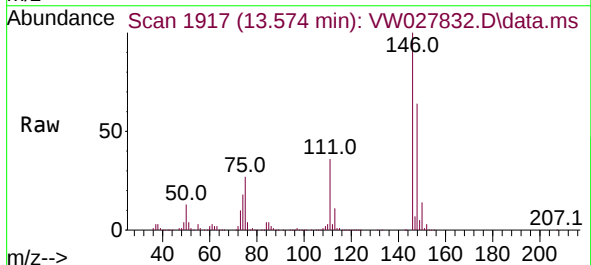


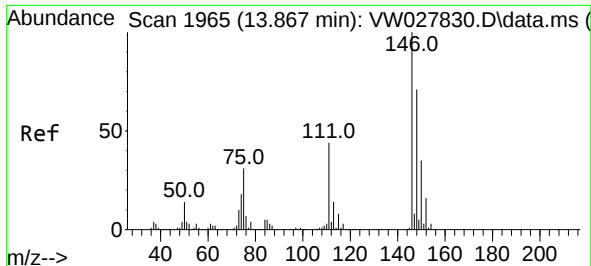
Tgt Ion:146 Resp: 988058
Ion Ratio Lower Upper
146 100
111 38.6 27.2 50.6
148 59.4 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 97.462 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion:146 Resp: 959916
Ion Ratio Lower Upper
146 100
111 36.1 26.6 49.4
148 64.3 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 96.826 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

Instrument :

MSVOA_W

ClientSampleId :

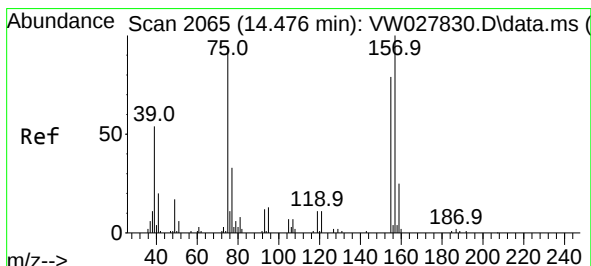
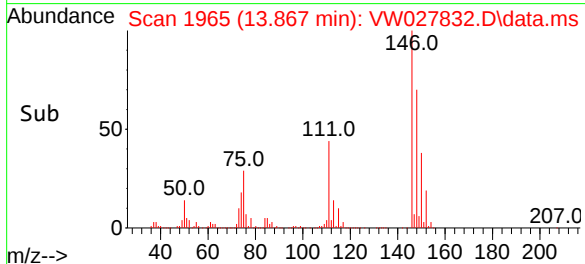
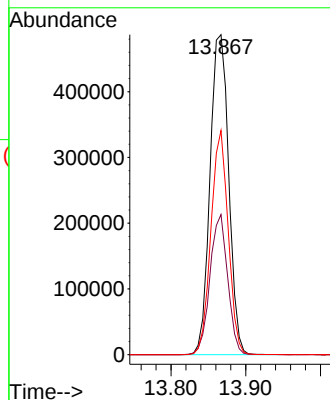
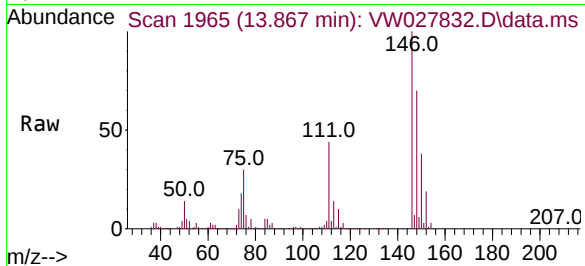
Tgt Ion:146 Resp: 843683

Ion Ratio Lower Upper

146 100

111 43.8 34.9 52.3

148 70.0 56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 99.727 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027832.D

Acq: 08 Jan 2024 15:26

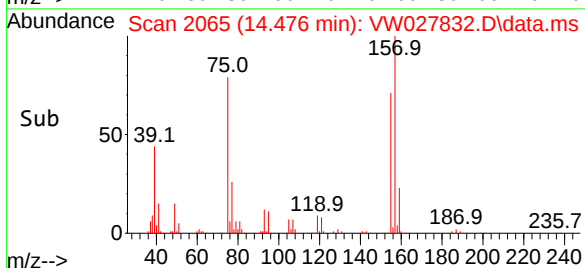
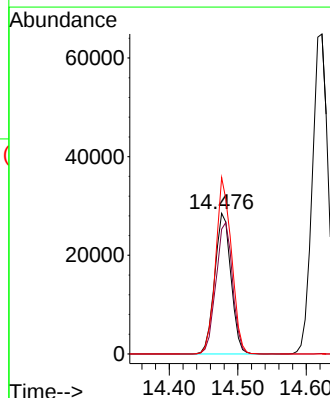
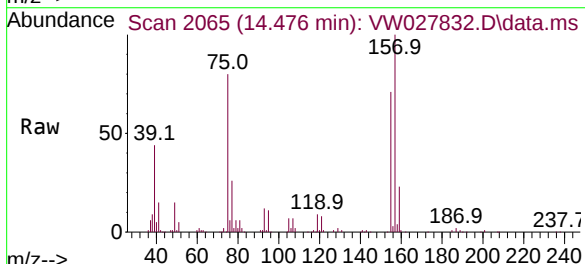
Tgt Ion: 75 Resp: 46989

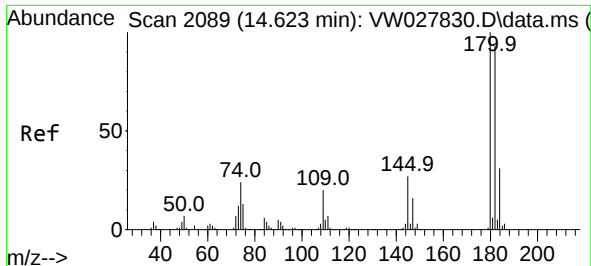
Ion Ratio Lower Upper

75 100

155 88.8 67.8 101.8

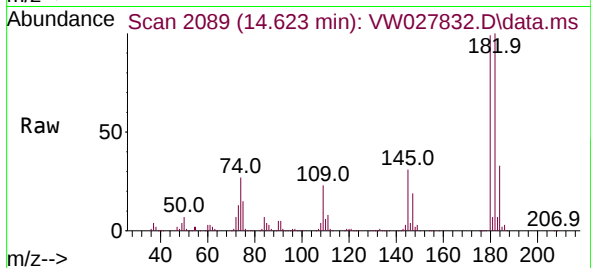
157 125.4 85.4 128.0



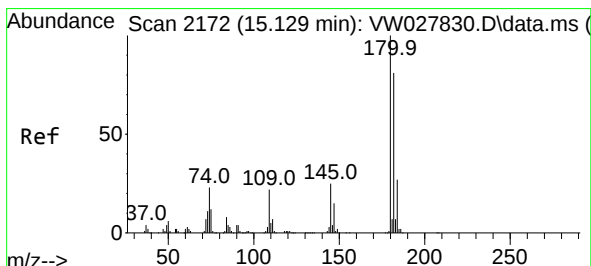
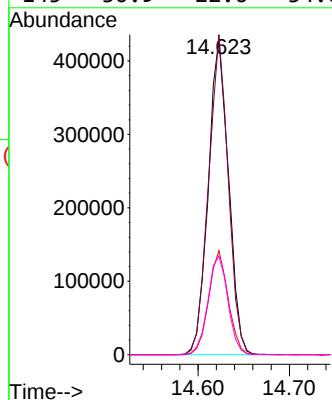
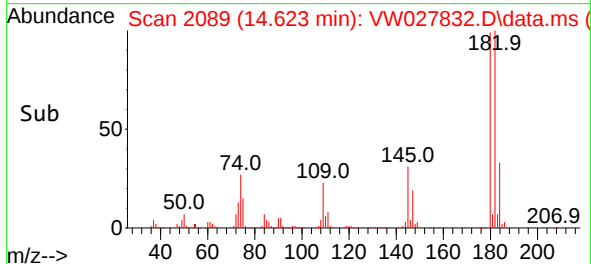


#69
1,3,5-Trichlorobenzene
Concen: 94.502 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Instrument :
MSVOA_W
ClientSampleId :

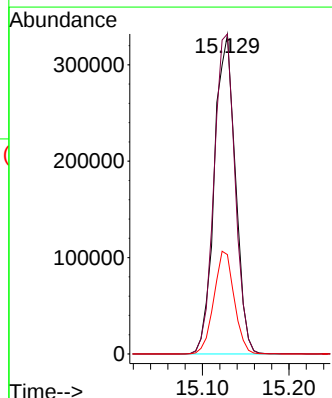
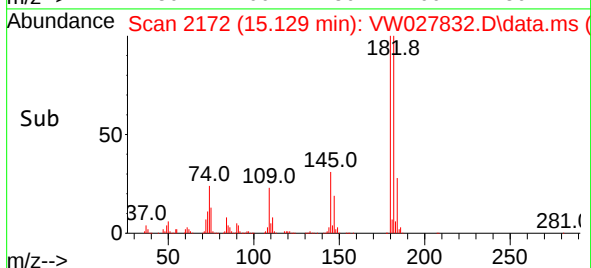
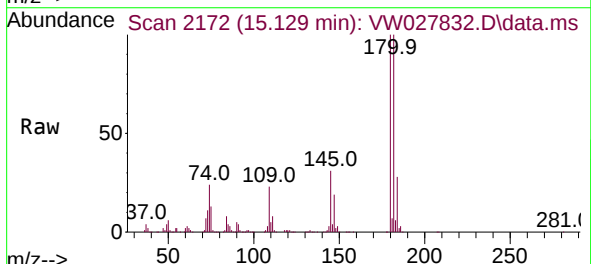


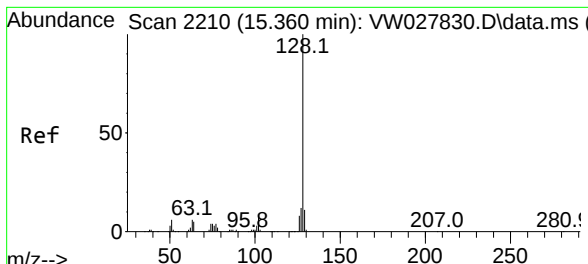
Tgt Ion:180 Resp: 659761
Ion Ratio Lower Upper
180 100
182 98.3 72.6 109.0
184 31.8 22.7 34.1
145 30.9 22.6 34.0



#70
1,2,4-trichlorobenzene
Concen: 98.716 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion:180 Resp: 558462
Ion Ratio Lower Upper
180 100
182 100.3 69.4 104.2
145 31.1 23.4 35.2

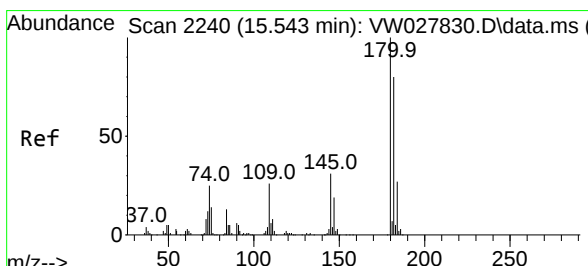
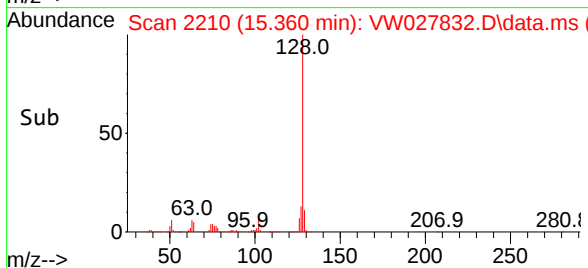
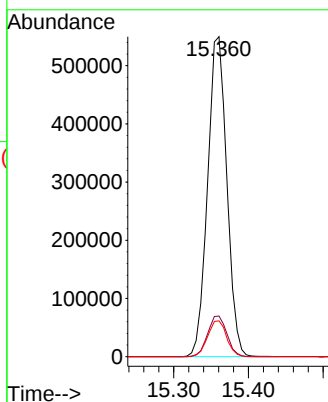
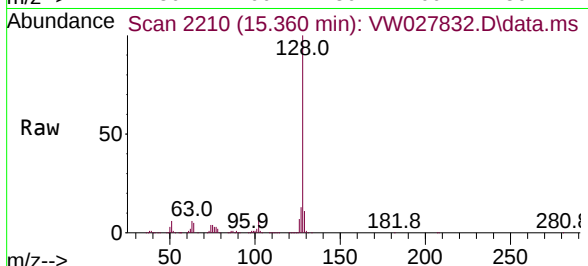




#71
Naphthalene
Concen: 104.346 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 982652
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 97.190 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW027832.D
Acq: 08 Jan 2024 15:26

Tgt Ion:180 Resp: 464719
Ion Ratio Lower Upper
180 100
182 96.4 74.7 112.1
145 32.5 25.0 37.6

