

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027121.D
 Acq On : 18 Sep 2023 11:53
 Operator : SY/MD
 Sample : VSTD10038
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:12:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:09:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	554608	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	545899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	300910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	779659	87.370	ug/L	0.00
7) Chloroethane-d5	2.893	69	616077	89.404	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	360705	94.284	ug/L	0.00
21) 2-Butanone-d5	7.075	46	342765	212.228	ug/L	0.00
24) Chloroform-d	7.648	84	1594275	95.683	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	763036	93.853	ug/L	0.00
32) Benzene-d6	8.270	84	3423315	97.103	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	959882	96.223	ug/L	0.00
41) Toluene-d8	10.325	98	3210975	102.337	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	423617	105.087	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	296459	252.921	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	776901	97.199	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1065714	99.172	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	601868	93.144	ug/L	# 90
3) Chloromethane	2.222	50	655018	96.758	ug/L	99
5) Vinyl chloride	2.375	62	828234	89.915	ug/L	99
6) Bromomethane	2.783	94	595631	93.113	ug/L	98
8) Chloroethane	2.930	64	499222	92.938	ug/L	95
9) Trichlorofluoromethane	3.265	101	739155	103.334	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	781606	94.830	ug/L	93
12) 1,1-Dichloroethene	4.045	96	797391	98.583	ug/L	89
13) Acetone	4.118	43	276427	177.087	ug/L	96
14) Carbon disulfide	4.387	76	2579981	95.682	ug/L	100
15) Methyl Acetate	4.667	43	302143	98.028	ug/L	99
16) Methylene chloride	4.917	84	826290	78.309	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	889231	101.316	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	1264605	108.432	ug/L	98
19) 1,1-Dichloroethane	6.216	63	1495237	97.142	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	965012	104.532	ug/L	96
22) 2-Butanone	7.167	43	405702	195.997	ug/L	99
23) Bromochloromethane	7.514	128	420943	99.041	ug/L	95
25) Chloroform	7.679	83	1494028	94.510	ug/L	98
27) 1,2-Dichloroethane	8.398	62	917515	95.782	ug/L	98
29) Cyclohexane	7.959	56	1394728	106.742	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	1223533	94.837	ug/L	100
31) Carbon tetrachloride	8.069	117	1115143	97.537	ug/L	100
33) Benzene	8.325	78	3520839	97.650	ug/L	100
34) Trichloroethene	9.093	95	945982	99.279	ug/L	98
35) Methylcyclohexane	9.337	83	1692810	104.153	ug/L	99
37) 1,2-Dichloropropane	9.367	63	844978	94.368	ug/L	100
38) Bromodichloromethane	9.642	83	1086065	99.183	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	1460027	108.856	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	861458	214.522	ug/L	96
42) Toluene	10.386	91	3842708	100.861	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	1200425	106.647	ug/L	98

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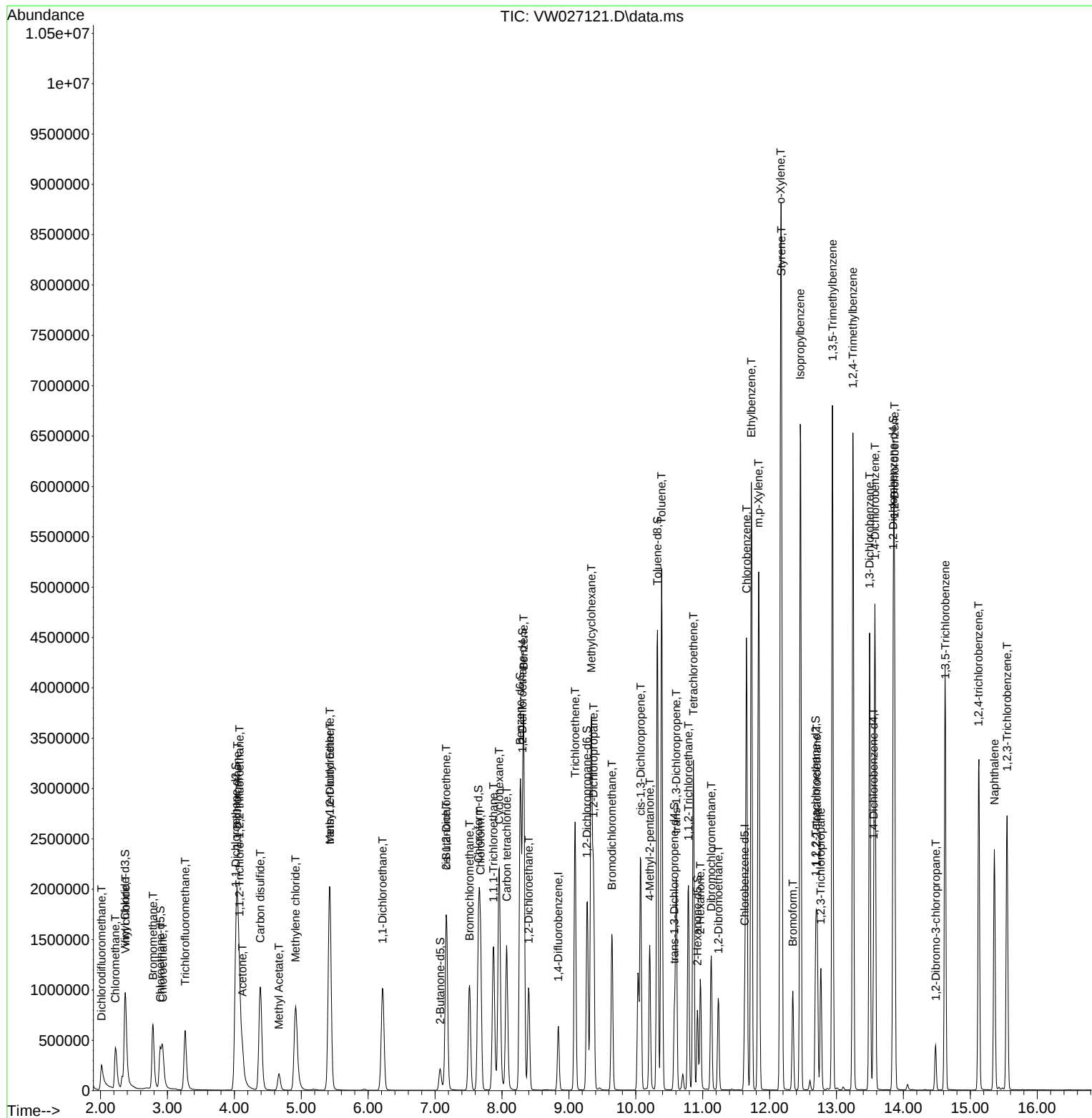
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	670018	97.251	ug/L	98
46) Tetrachloroethene	10.861	164	816126	101.619	ug/L	87
48) 2-Hexanone	10.965	43	627709	222.019	ug/L	99
49) Dibromochloromethane	11.129	129	741139	102.791	ug/L	96
50) 1,2-Dibromoethane	11.233	107	637146	100.769	ug/L	96
51) Chlorobenzene	11.654	112	2467403	98.133	ug/L	95
52) Ethylbenzene	11.727	91	4383574	104.906	ug/L	97
53) m,p-Xylene	11.837	106	1717863	107.200	ug/L	97
54) o-Xylene	12.166	106	1648641	107.994	ug/L	94
55) Styrene	12.178	104	2848464	108.895	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	779887	96.614	ug/L	99
59) Bromoform	12.349	173	451573	103.589	ug/L	96
60) Isopropylbenzene	12.458	105	4363788	108.243	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	553310	98.594	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	3723074	115.398	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	3596681	115.057	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1959908	102.807	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	1924870	97.148	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	1770173	101.590	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	118893	95.668	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.629	180	1368625	99.732	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	1086683	99.916	ug/L	98
71) Naphthalene	15.360	128	2087087	115.355	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	993904	101.229	ug/L	95

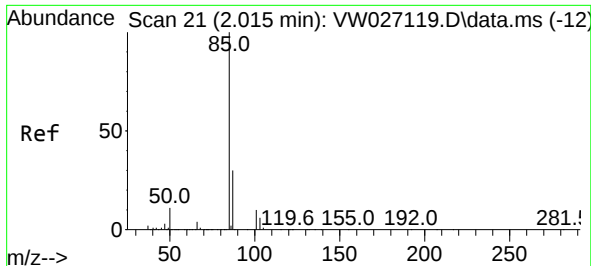
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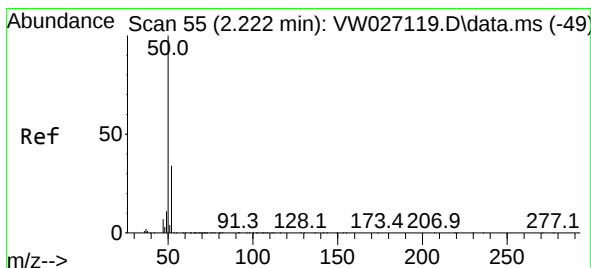
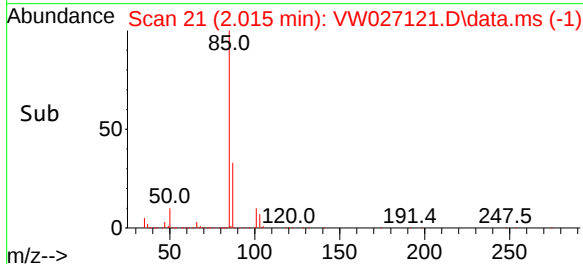
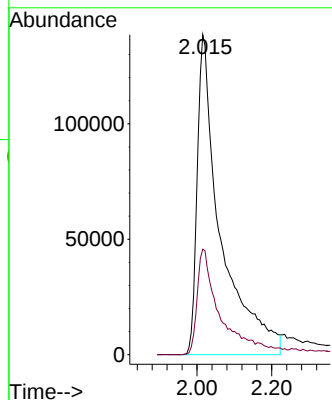
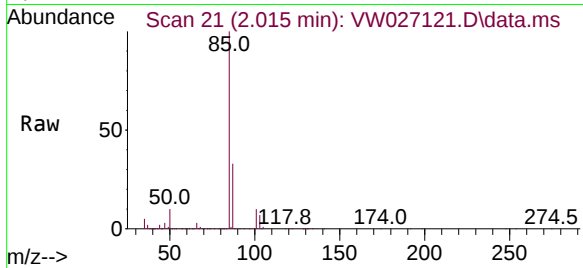




#2
 Dichlorodifluoromethane
 Concen: 93.144 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027121.D
 Acq: 18 Sep 2023 11:53

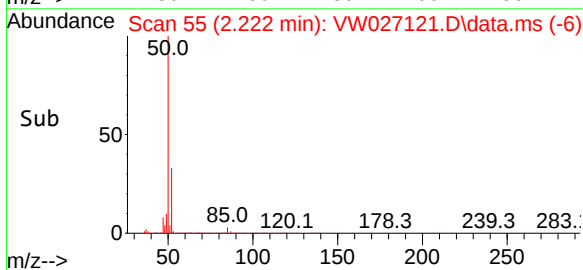
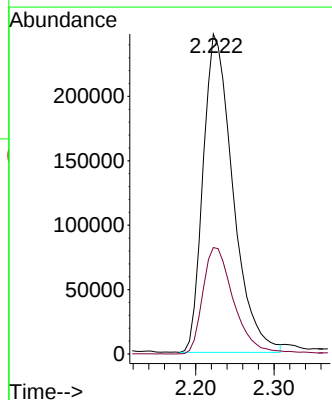
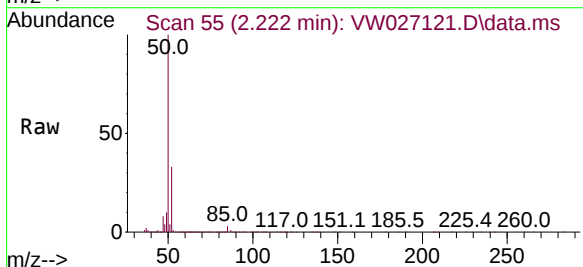
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 ClientSampleId :

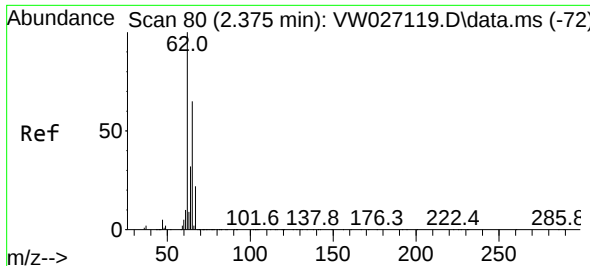
Tgt Ion: 85 Resp: 601868
 Ion Ratio Lower Upper
 85 100
 87 28.2 18.5 27.7#



#3
 Chloromethane
 Concen: 96.758 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027121.D
 Acq: 18 Sep 2023 11:53

Tgt Ion: 50 Resp: 655018
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.8 44.2

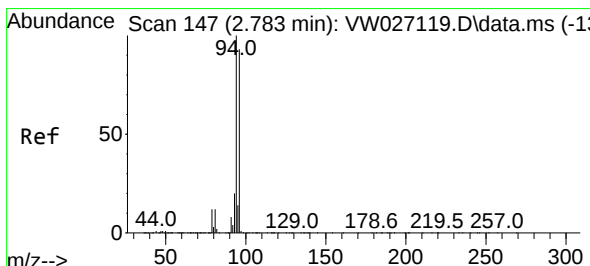
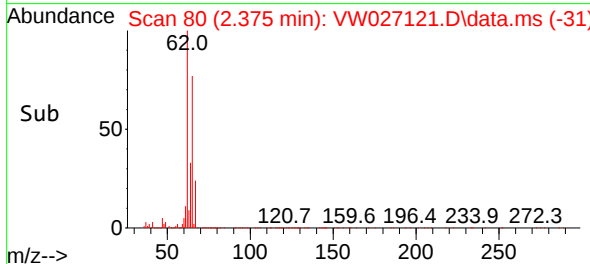
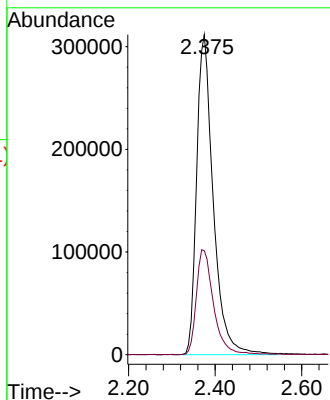
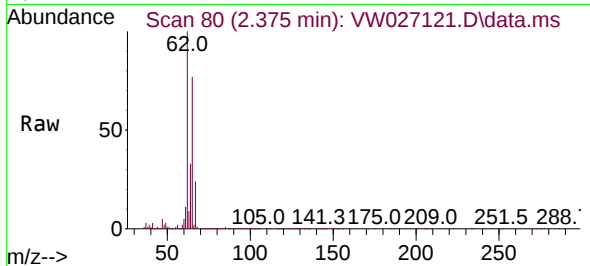




#5
 Vinyl chloride
 Concen: 89.915 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027121.D
 Acq: 18 Sep 2023 11:53

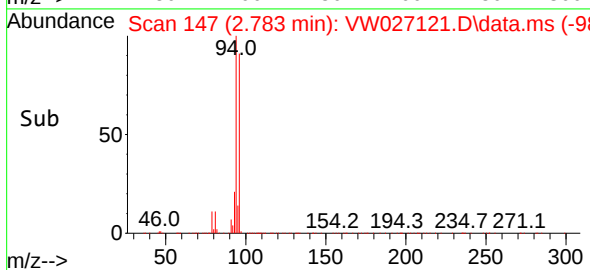
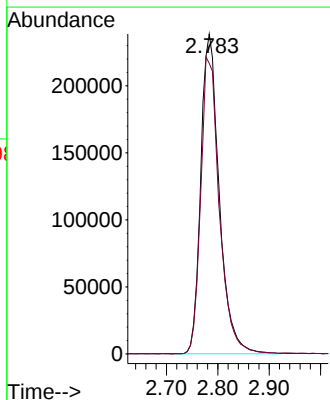
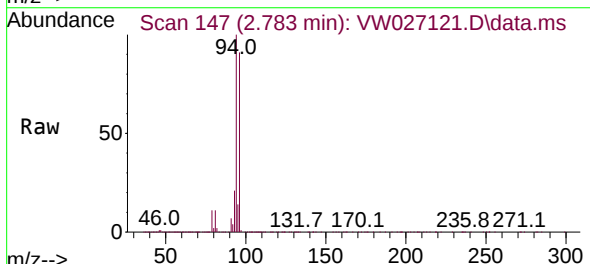
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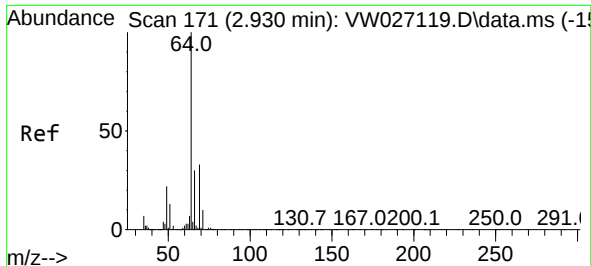
Tgt Ion: 62 Resp: 828234
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.5 41.7



#6
 Bromomethane
 Concen: 93.113 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW027121.D
 Acq: 18 Sep 2023 11:53

Tgt Ion: 94 Resp: 595631
 Ion Ratio Lower Upper
 94 100
 96 90.8 65.0 120.8

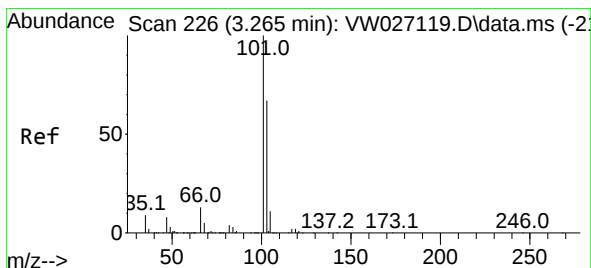
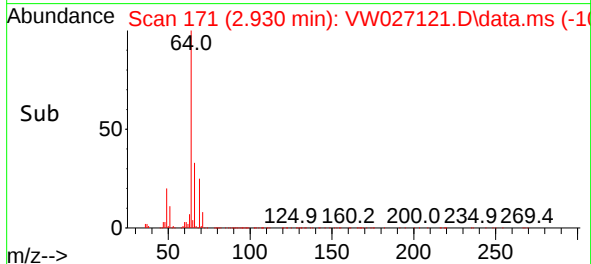
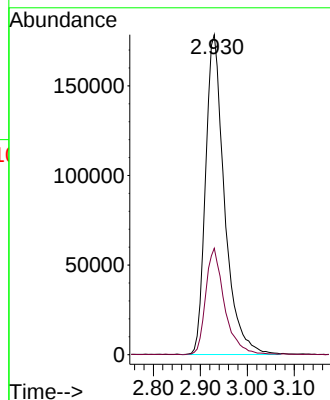
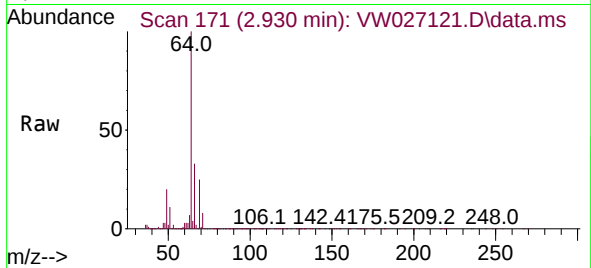




#8
Chloroethane
Concen: 92.938 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

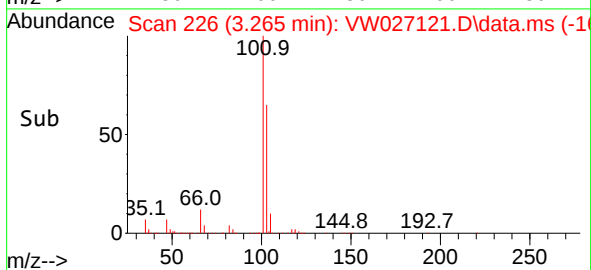
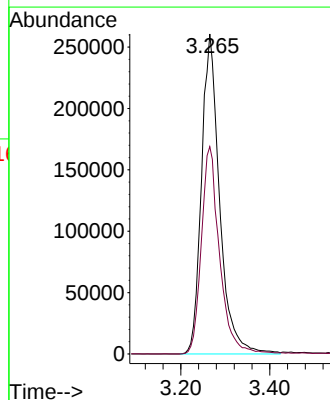
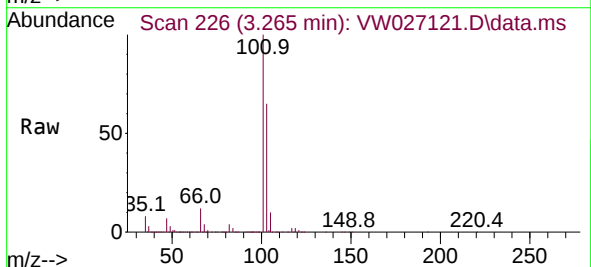
Instrument :
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ClientSampleId :

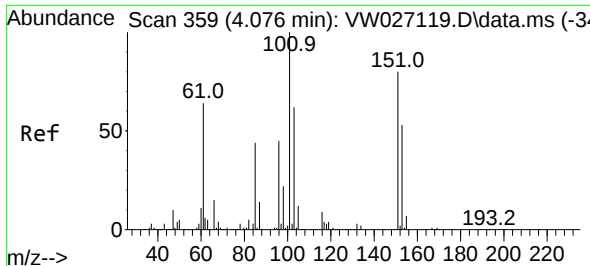
Tgt Ion: 64 Resp: 499222
Ion Ratio Lower Upper
64 100
66 33.3 21.3 39.6



#9
Trichlorofluoromethane
Concen: 103.334 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion:101 Resp: 739155
Ion Ratio Lower Upper
101 100
103 65.1 50.9 76.3

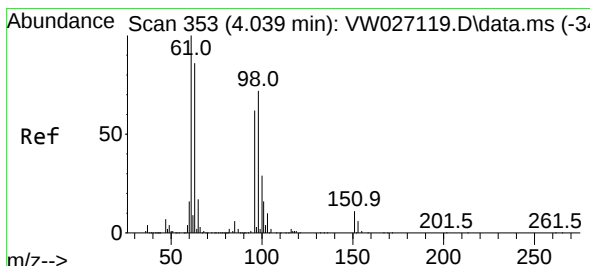
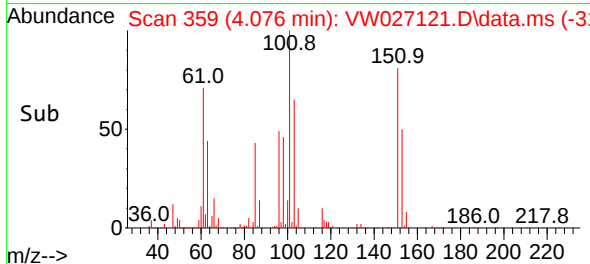
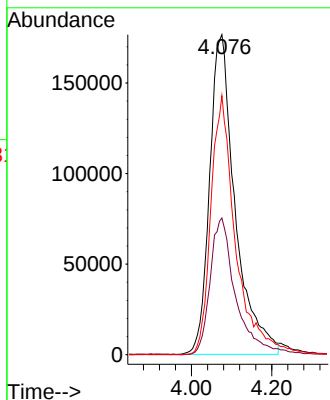
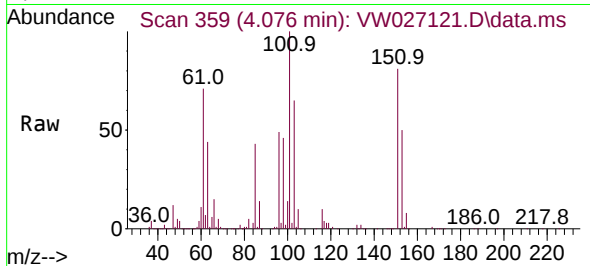




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 94.830 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027121.D
 Acq: 18 Sep 2023 11:53

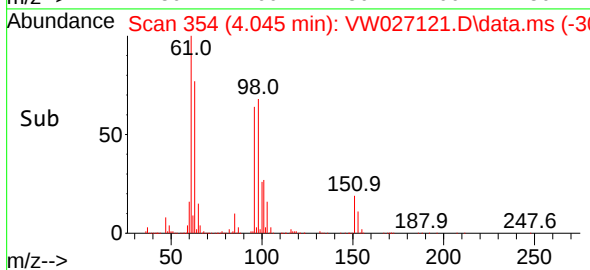
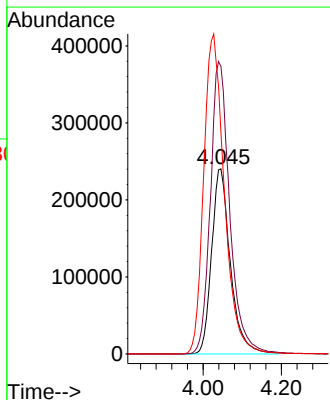
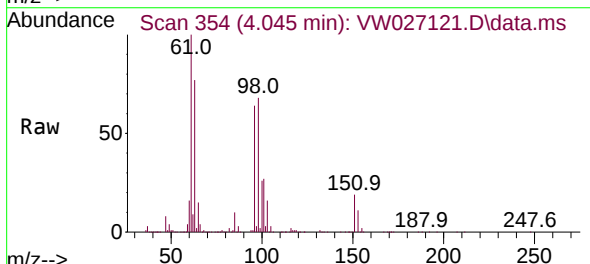
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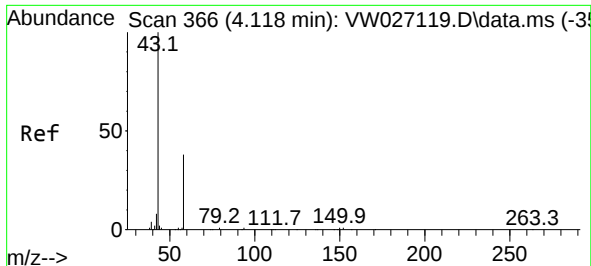
Tgt Ion:101 Resp: 781606
 Ion Ratio Lower Upper
 101 100
 85 41.5 35.7 53.5
 151 78.6 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 98.583 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW027121.D
 Acq: 18 Sep 2023 11:53

Tgt Ion: 96 Resp: 797391
 Ion Ratio Lower Upper
 96 100
 61 155.4 112.5 208.9
 63 120.0 99.4 184.6

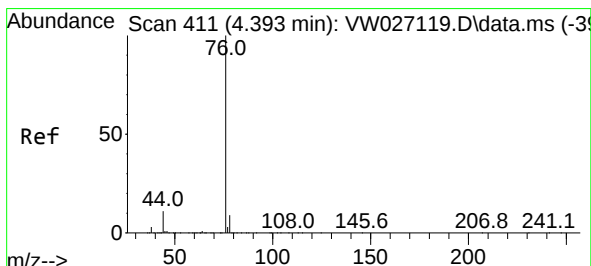
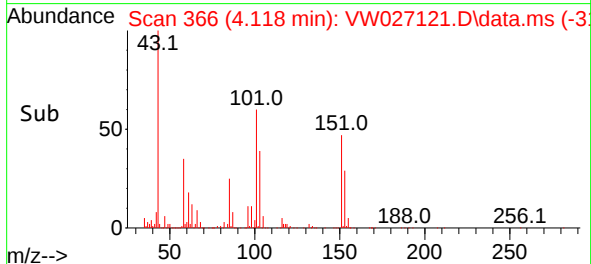
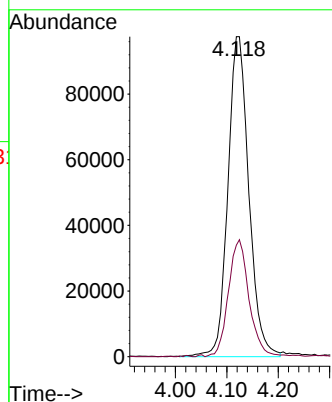
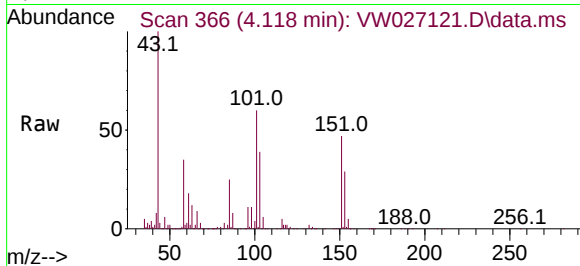




#13
Acetone
Concen: 177.087 ug/L
RT: 4.118 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

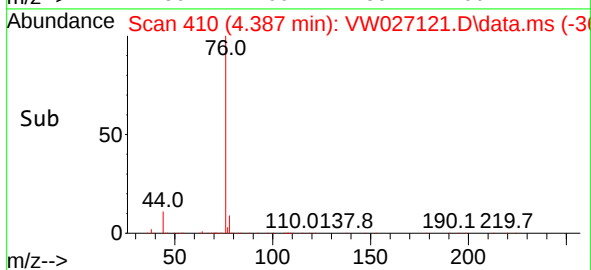
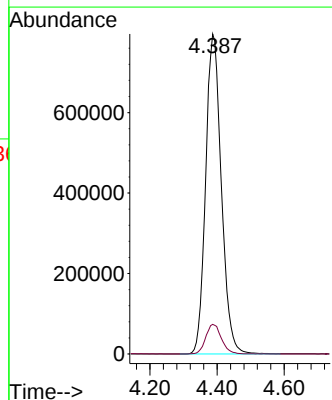
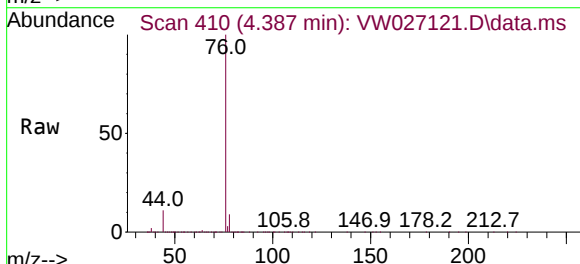
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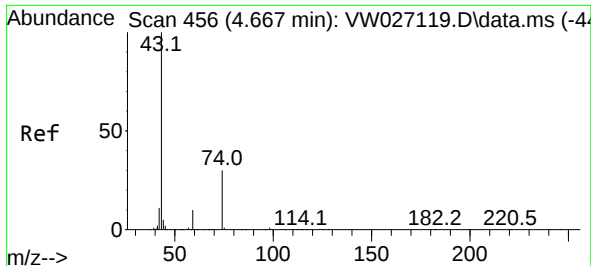
Tgt Ion: 43 Resp: 276427
Ion Ratio Lower Upper
43 100
58 36.1 0.0 77.4



#14
Carbon disulfide
Concen: 95.682 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027121.D
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Tgt Ion: 76 Resp: 2579981
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

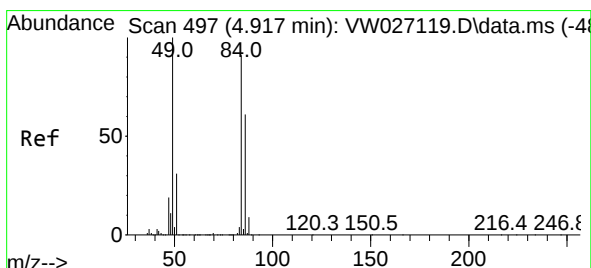
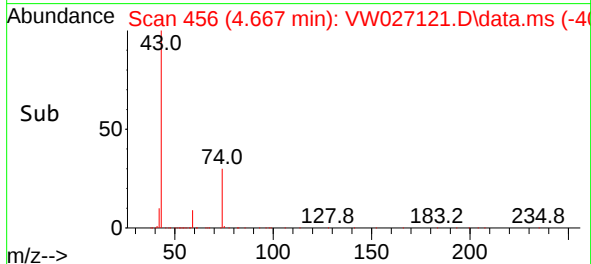
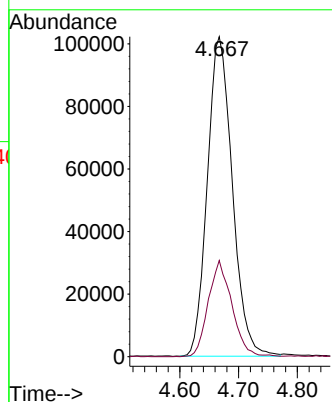
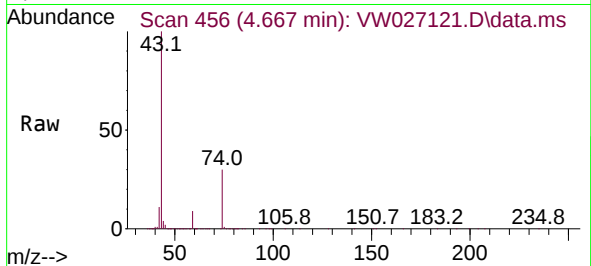




#15
Methyl Acetate
Concen: 98.028 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

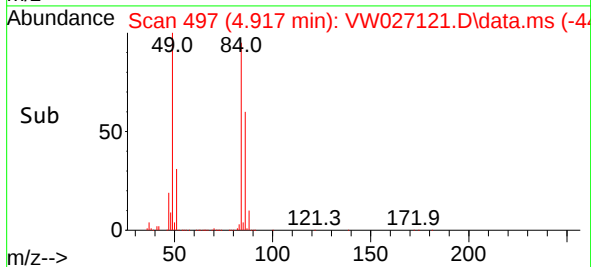
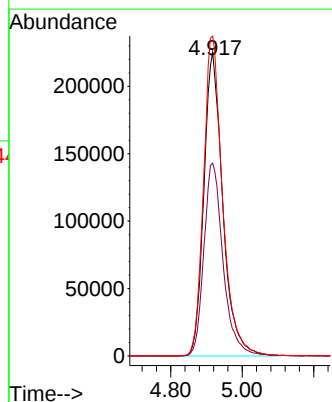
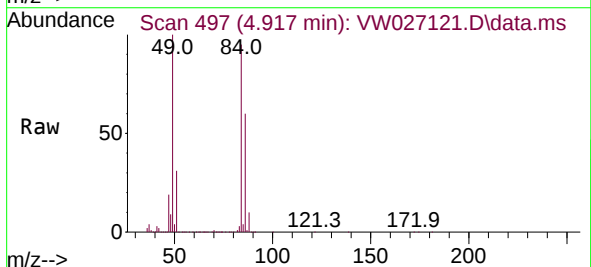
Instrument :
MSVOA_W
ClientSampleId :

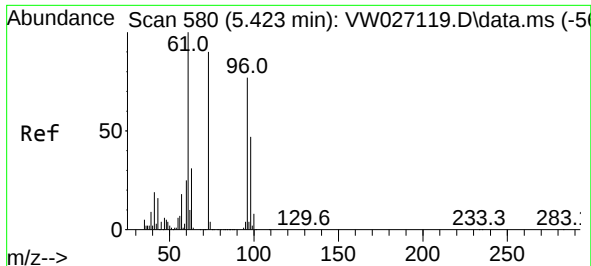
Tgt Ion: 43 Resp: 302143
Ion Ratio Lower Upper
43 100
74 28.3 23.2 34.8



#16
Methylene chloride
Concen: 78.309 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion: 84 Resp: 826290
Ion Ratio Lower Upper
84 100
86 63.4 46.7 86.7
49 105.3 77.1 143.1





#17

trans-1,2-Dichloroethene

Concen: 101.316 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

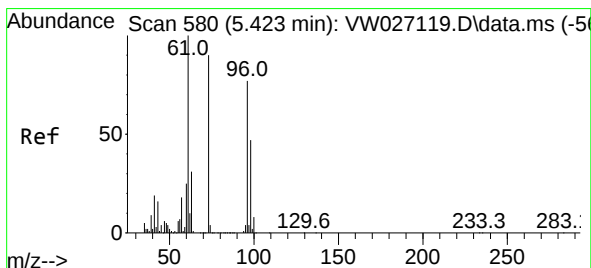
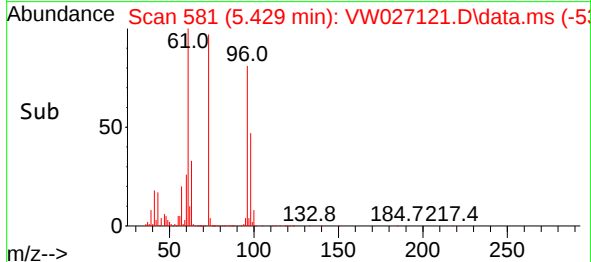
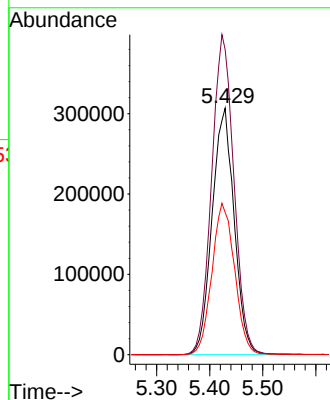
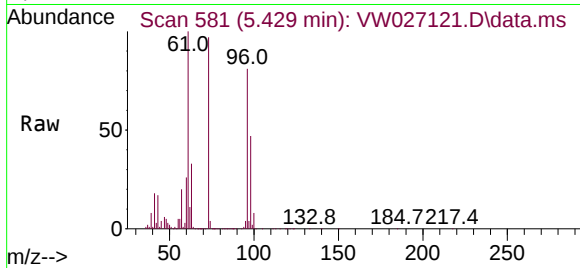
Tgt Ion: 96 Resp: 889231

Ion Ratio Lower Upper

96 100

61 123.7 91.2 169.4

98 57.7 42.8 79.4



#18

Methyl tert-butyl Ether

Concen: 108.432 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

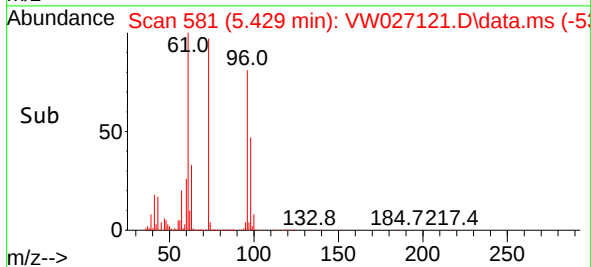
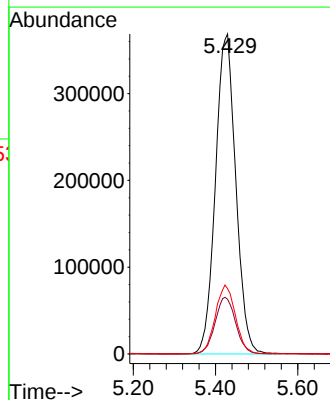
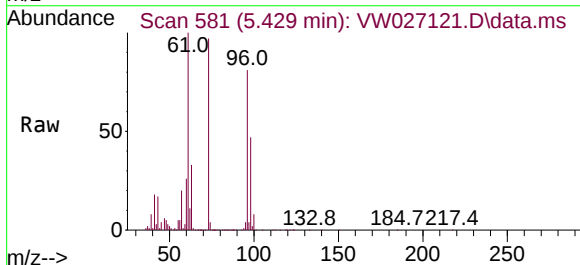
Tgt Ion: 73 Resp: 1264605

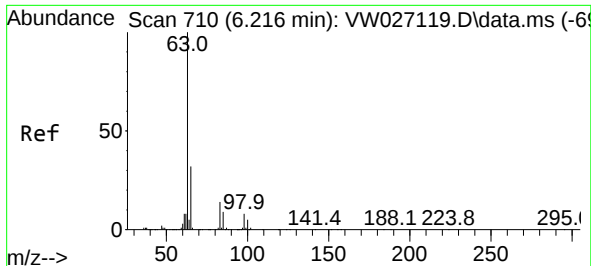
Ion Ratio Lower Upper

73 100

43 17.9 15.2 22.8

57 21.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 97.142 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

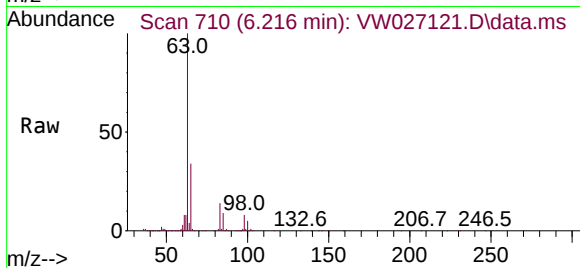
Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :



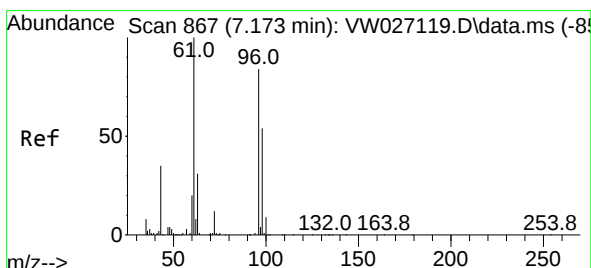
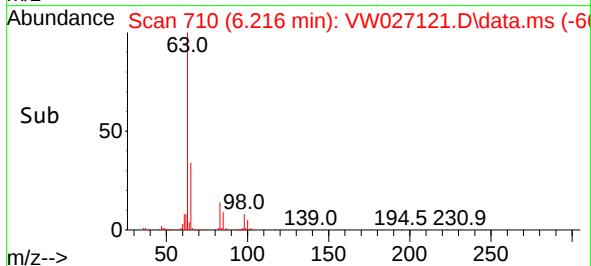
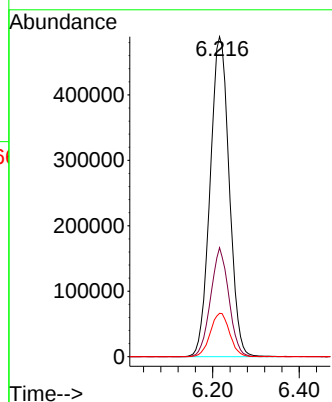
Tgt Ion: 63 Resp: 1495237

Ion Ratio Lower Upper

63 100

65 34.1 22.6 42.0

83 13.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 104.532 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

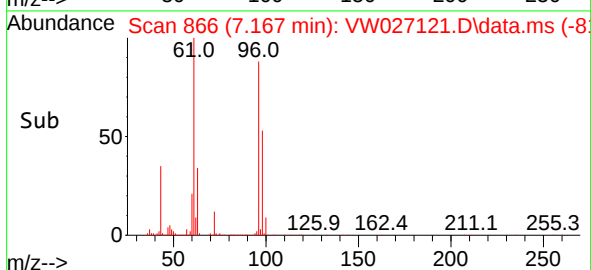
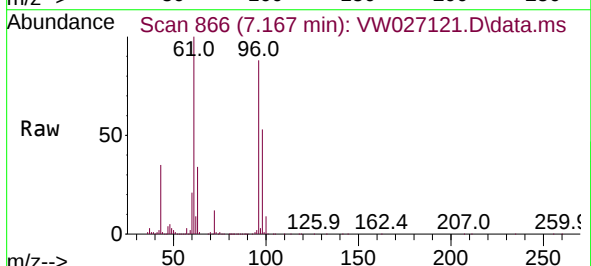
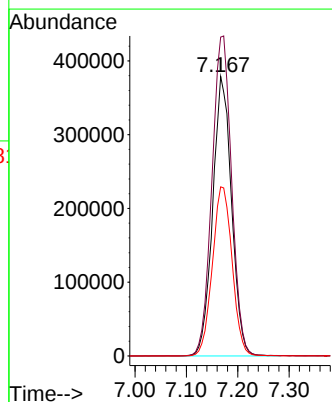
Tgt Ion: 96 Resp: 965012

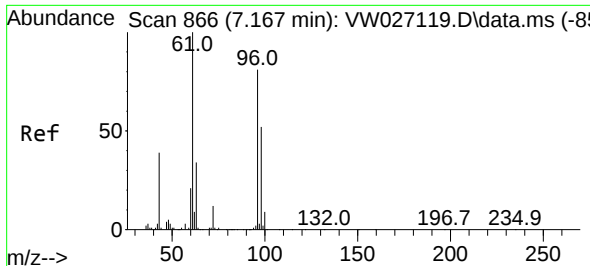
Ion Ratio Lower Upper

96 100

61 114.1 83.0 154.1

98 60.5 44.6 82.8

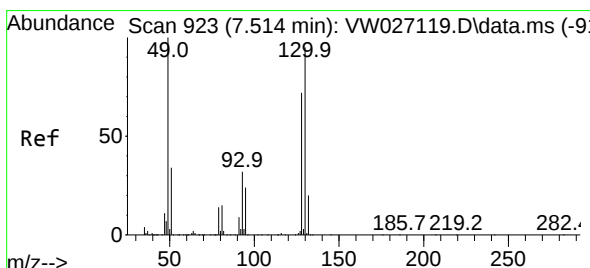
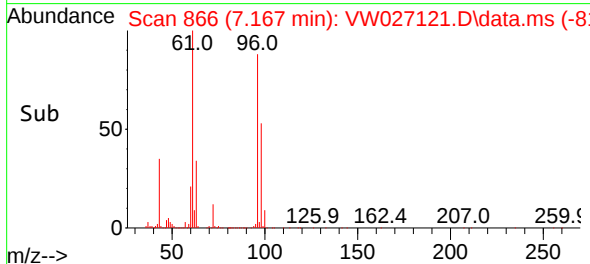
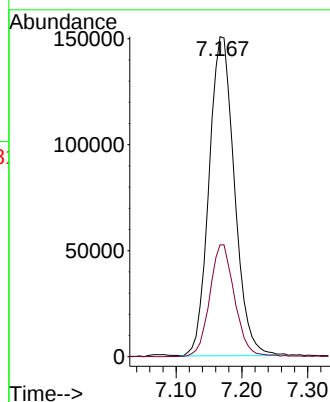
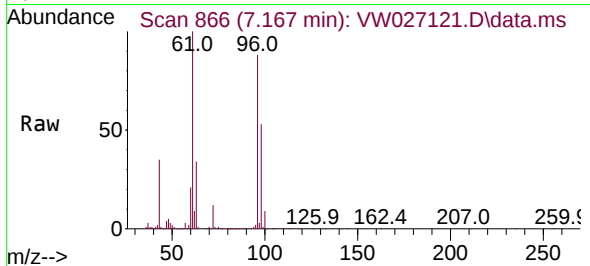




#22
2-Butanone
Concen: 195.997 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

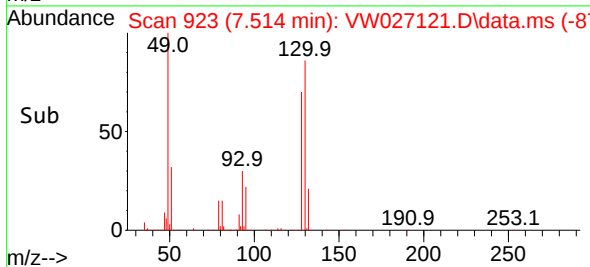
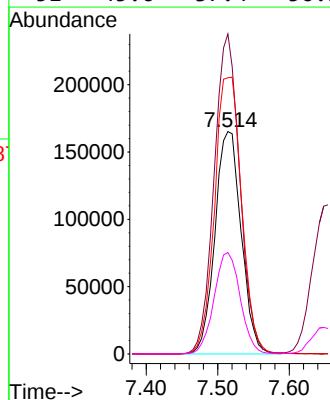
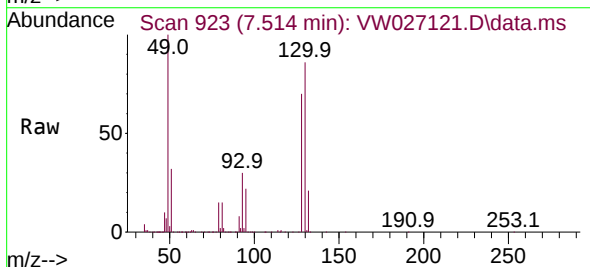
Instrument :
MSVOA_W
ClientSampleId :

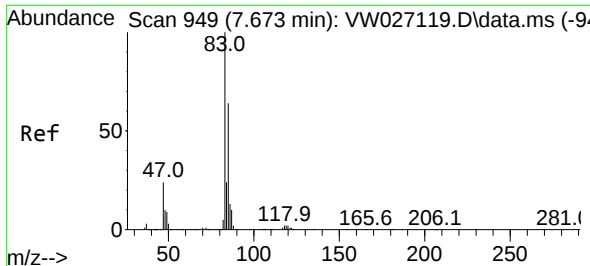
Tgt Ion: 43 Resp: 405702
Ion Ratio Lower Upper
43 100
72 34.0 16.8 50.4



#23
Bromochloromethane
Concen: 99.041 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion: 128 Resp: 420943
Ion Ratio Lower Upper
128 100
49 143.8 97.6 181.2
130 124.1 92.8 172.4
51 45.6 37.4 56.2

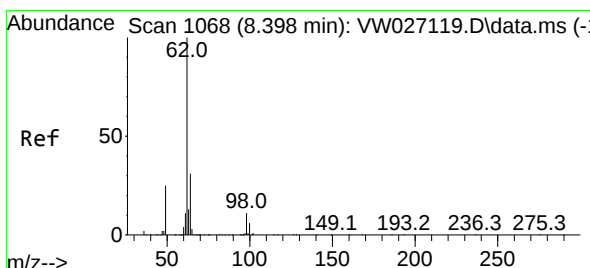
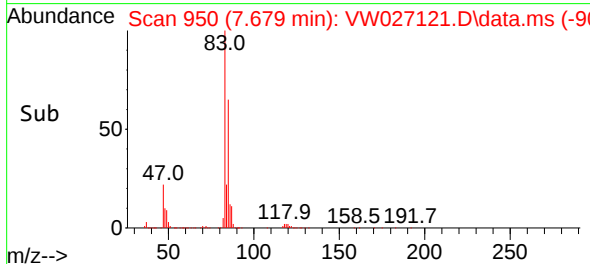
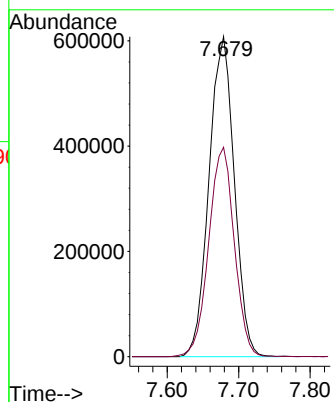
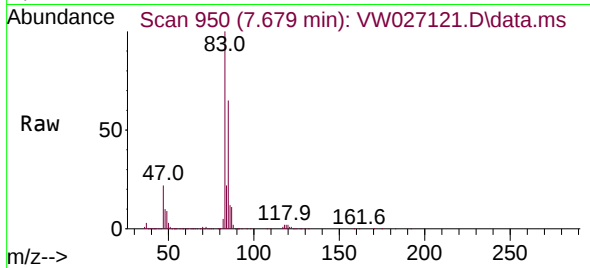




#25
Chloroform
Concen: 94.510 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

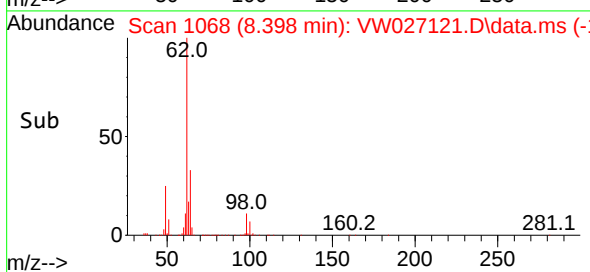
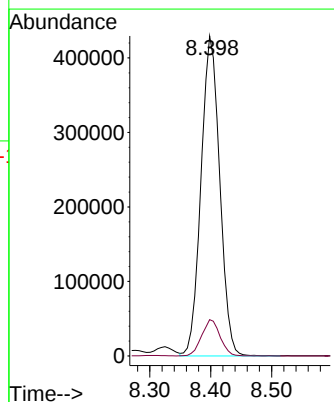
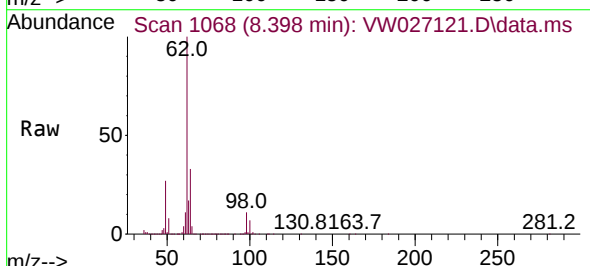
Instrument :
MSVOA_W
ClientSampleId :

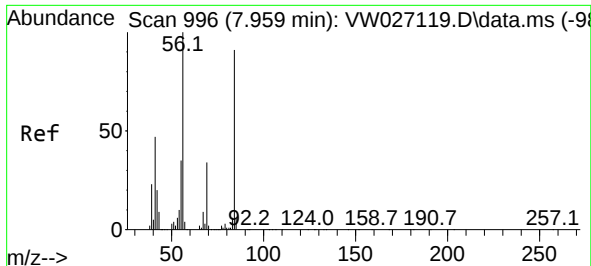
Tgt Ion: 83 Resp: 1494028
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5



#27
1,2-Dichloroethane
Concen: 95.782 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion: 62 Resp: 917515
Ion Ratio Lower Upper
62 100
98 11.3 8.4 12.6





#29

Cyclohexane

Concen: 106.742 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

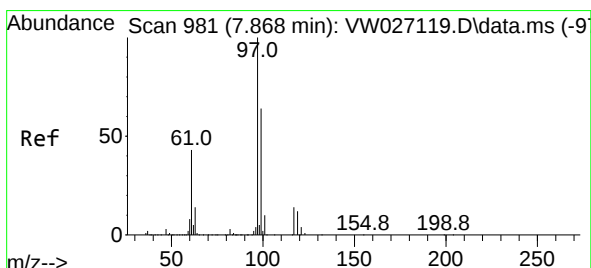
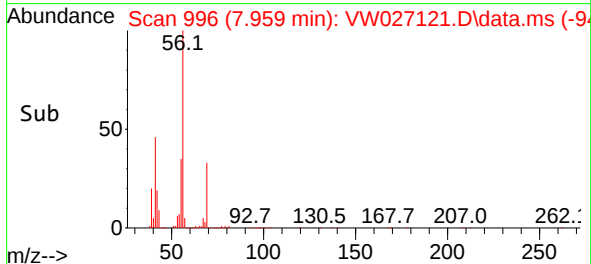
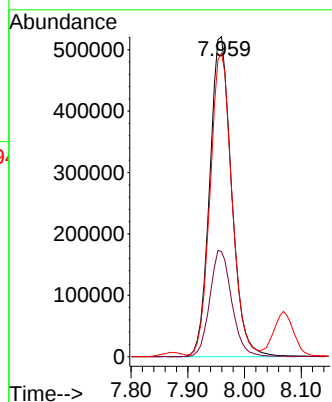
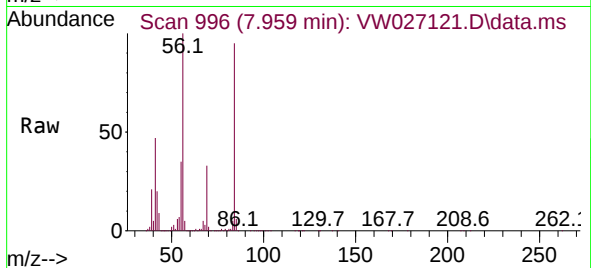
Tgt Ion: 56 Resp: 1394728

Ion Ratio Lower Upper

56 100

69 33.3 26.5 39.7

84 94.7 74.4 111.6



#30

1,1,1-Trichloroethane

Concen: 94.837 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

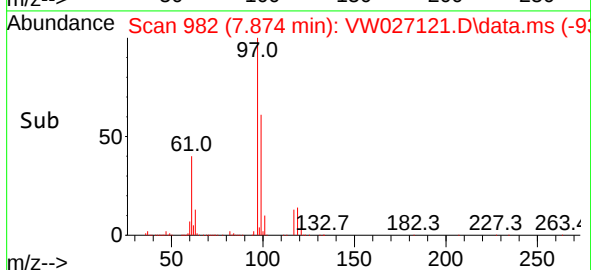
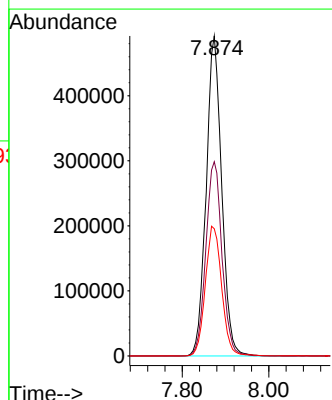
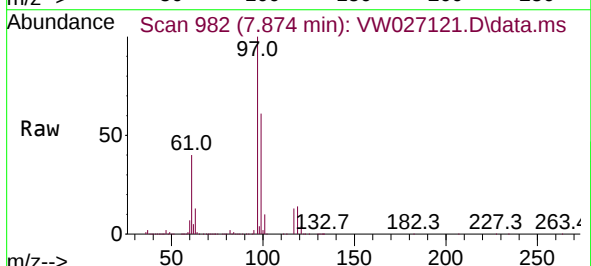
Tgt Ion: 97 Resp: 1223533

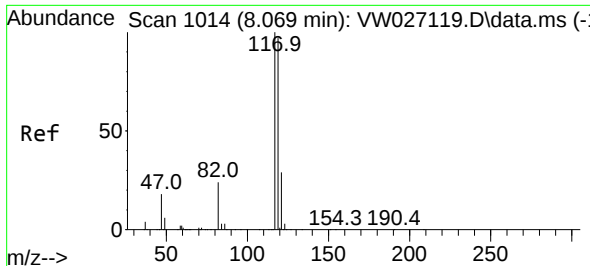
Ion Ratio Lower Upper

97 100

99 63.3 50.6 75.8

61 42.7 34.1 51.1

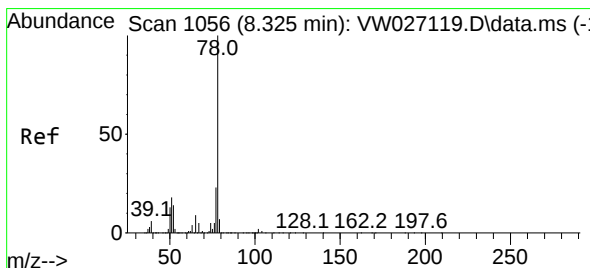
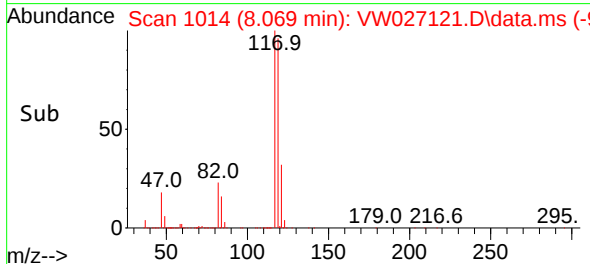
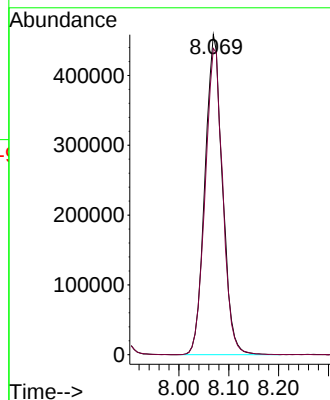
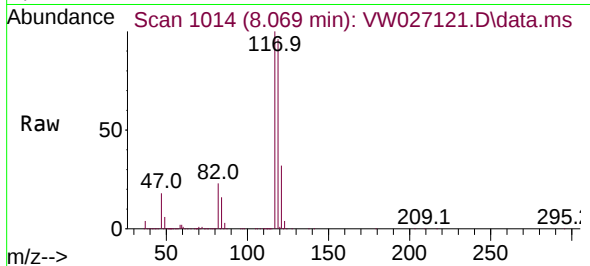




#31
Carbon tetrachloride
Concen: 97.537 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

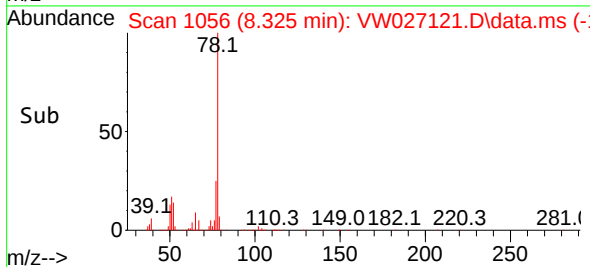
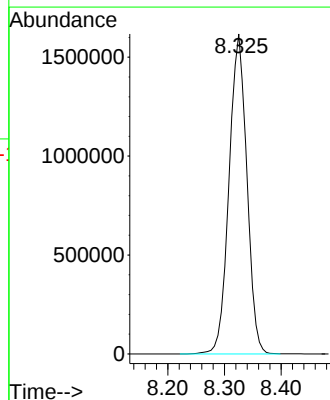
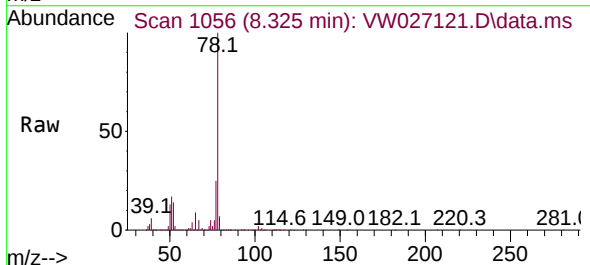
Instrument :
MSVOA_W
ClientSampleId :

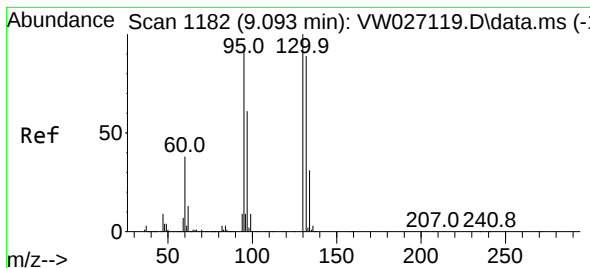
Tgt Ion:117 Resp: 1115143
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0



#33
Benzene
Concen: 97.650 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion: 78 Resp: 3520839





#34

Trichloroethene

Concen: 99.279 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

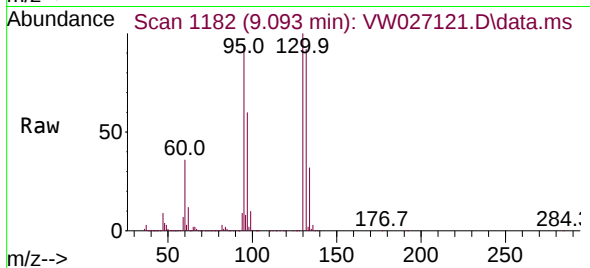
Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 945982

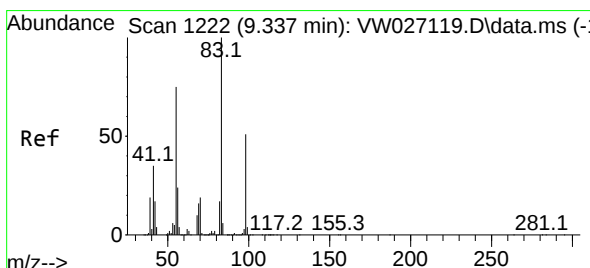
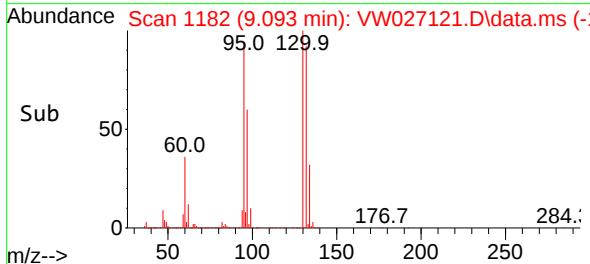
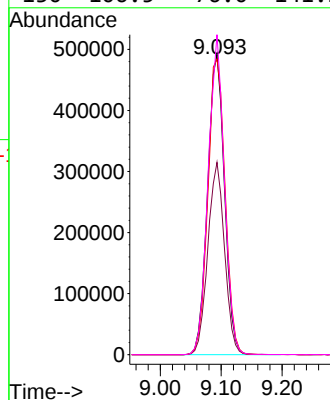
Ion Ratio Lower Upper

95 100

97 64.0 46.1 85.7

132 98.4 67.9 126.1

130 106.5 76.0 141.2



#35

Methylcyclohexane

Concen: 104.153 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

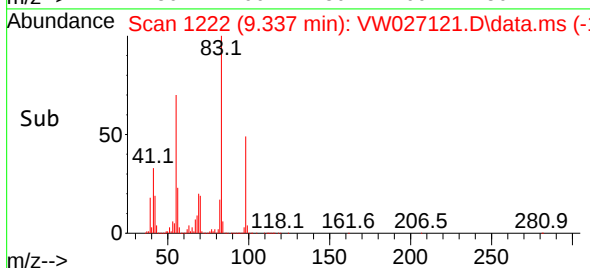
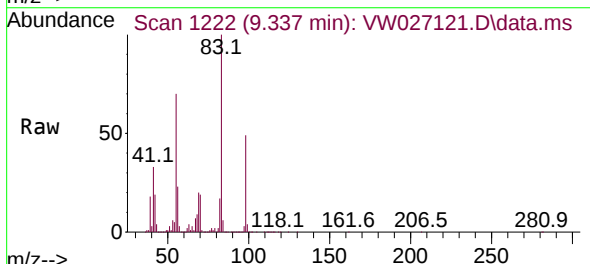
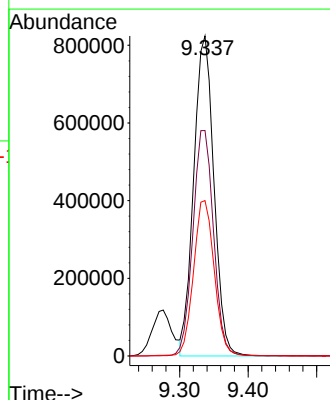
Tgt Ion: 83 Resp: 1692810

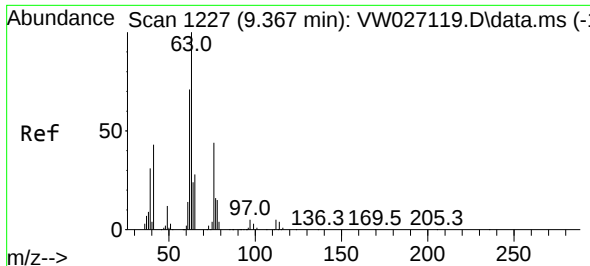
Ion Ratio Lower Upper

83 100

55 72.2 58.0 87.0

98 50.0 38.5 57.7





#37

1,2-Dichloropropane

Concen: 94.368 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

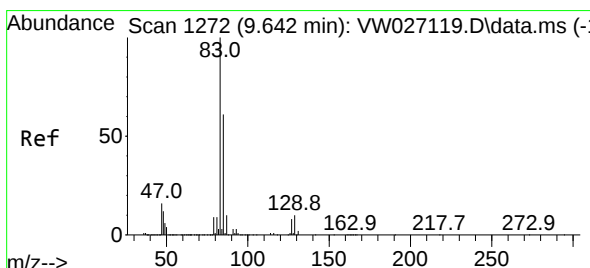
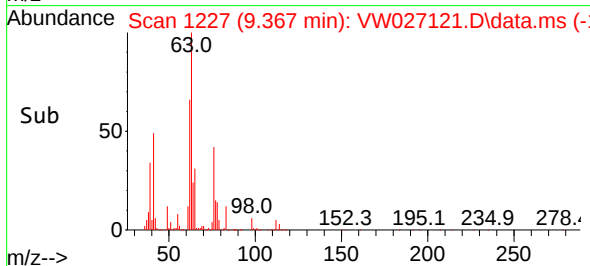
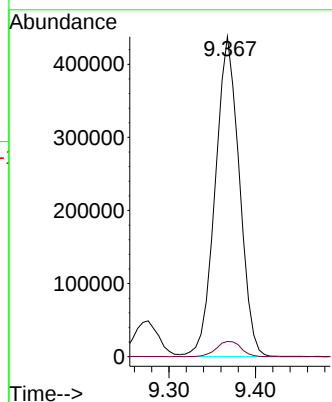
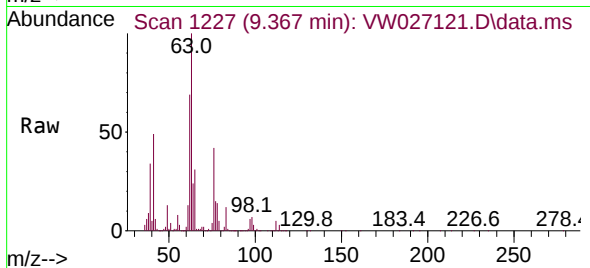
ClientSampleId :

Tgt Ion: 63 Resp: 844978

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 99.183 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

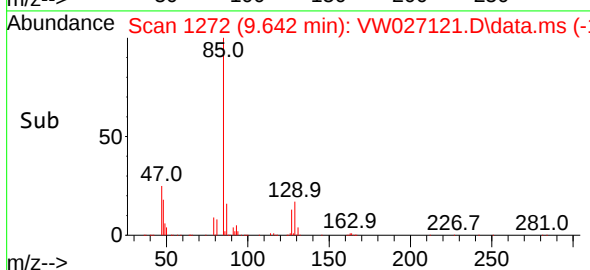
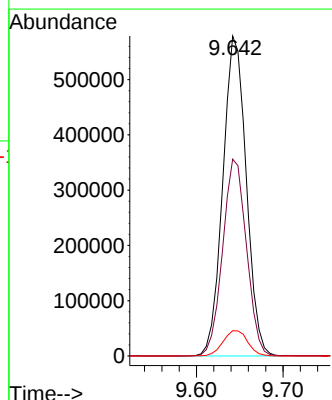
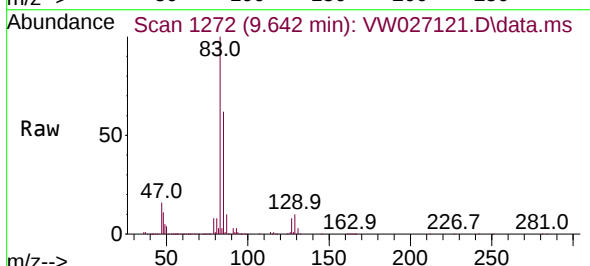
Tgt Ion: 83 Resp: 1086065

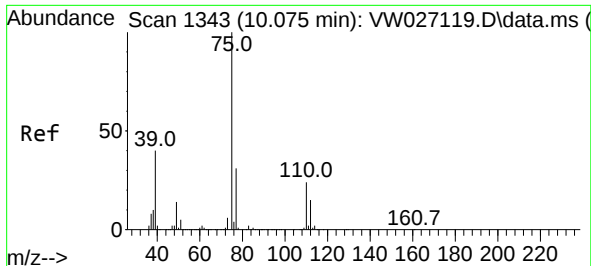
Ion Ratio Lower Upper

83 100

85 61.5 42.8 79.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 108.856 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

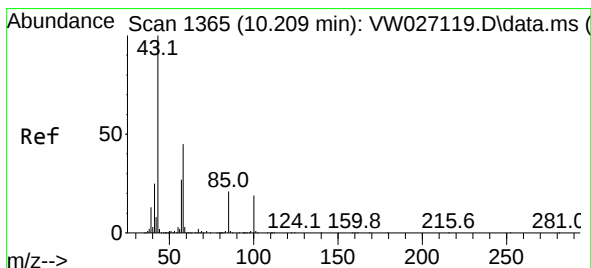
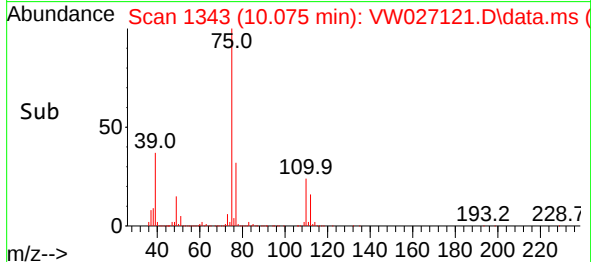
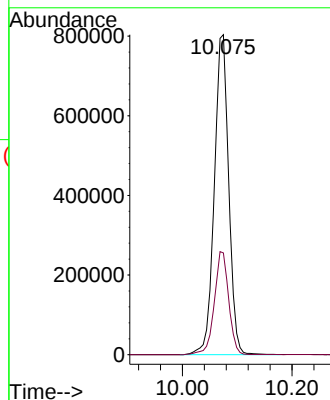
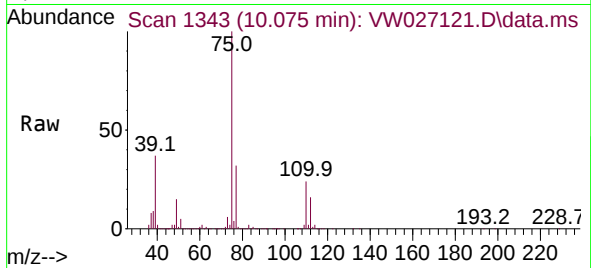
ClientSampleId :

Tgt Ion: 75 Resp: 1460027

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 214.522 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

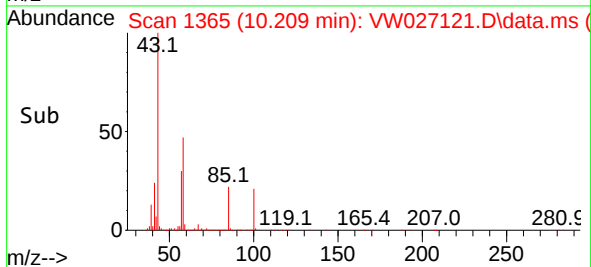
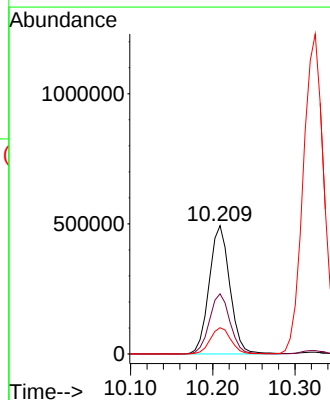
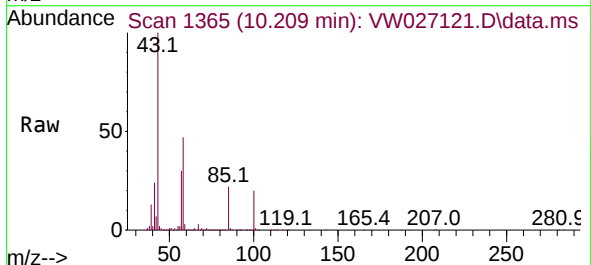
Tgt Ion: 43 Resp: 861458

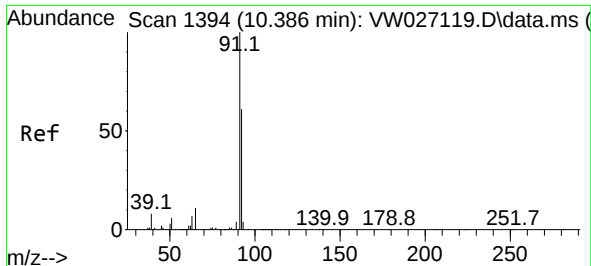
Ion Ratio Lower Upper

43 100

58 46.8 35.4 53.2

100 20.5 15.2 22.8

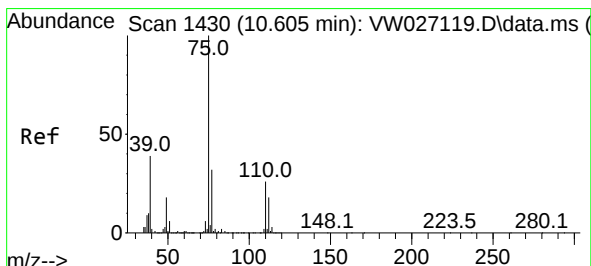
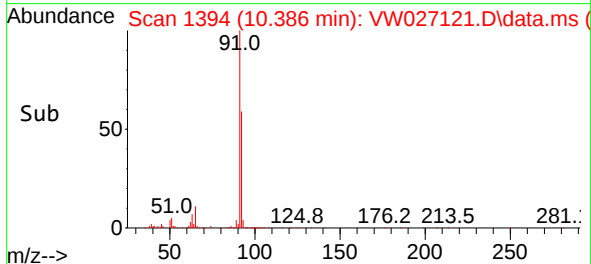
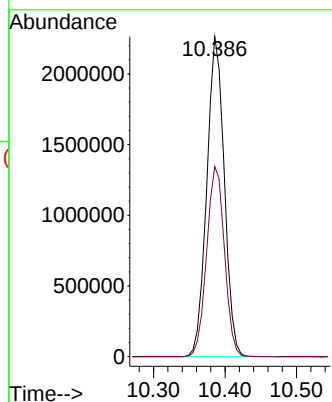
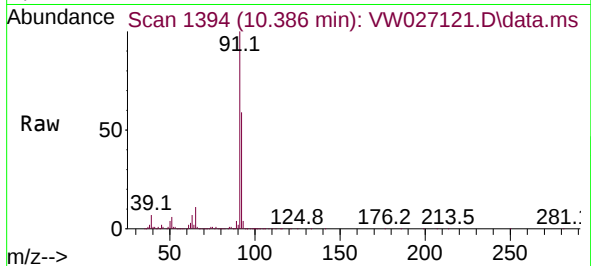




#42
Toluene
Concen: 100.861 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

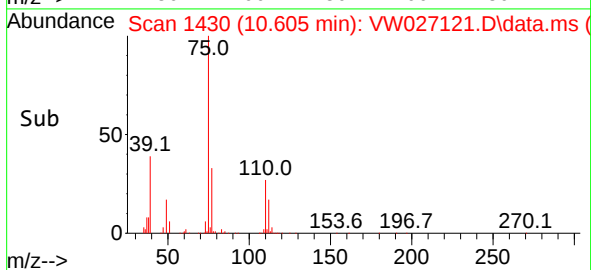
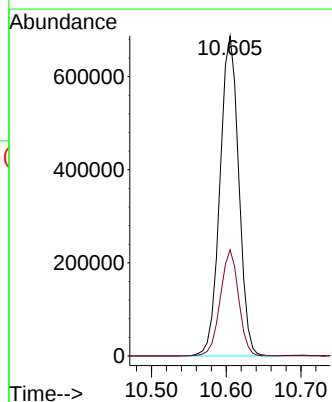
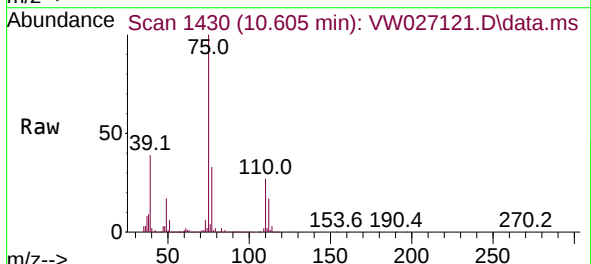
Instrument :
MSVOA_W
ClientSampleId :

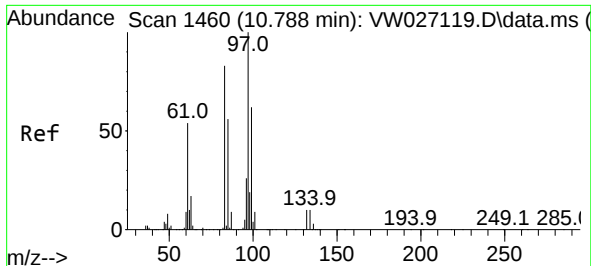
Tgt Ion: 91 Resp: 3842708
Ion Ratio Lower Upper
91 100
92 59.4 42.7 79.3



#44
trans-1,3-Dichloropropene
Concen: 106.647 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion: 75 Resp: 1200425
Ion Ratio Lower Upper
75 100
77 33.2 22.6 42.0

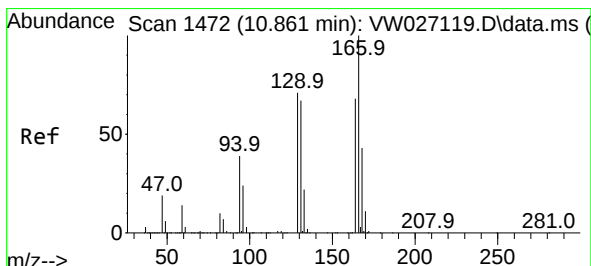
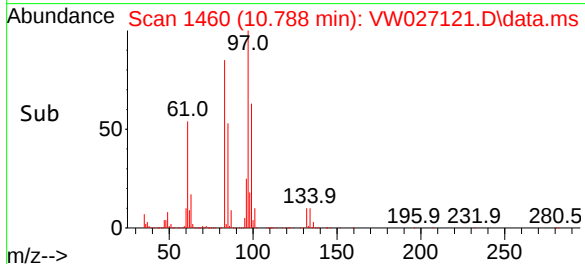
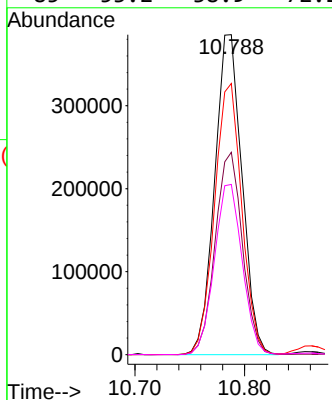
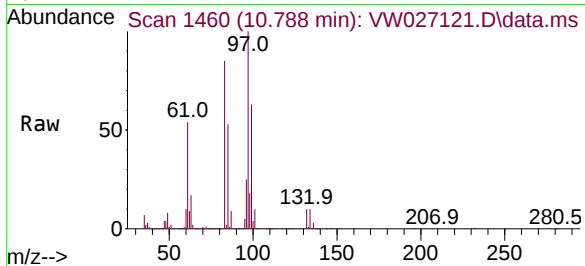




#45
1,1,2-Trichloroethane
Concen: 97.251 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

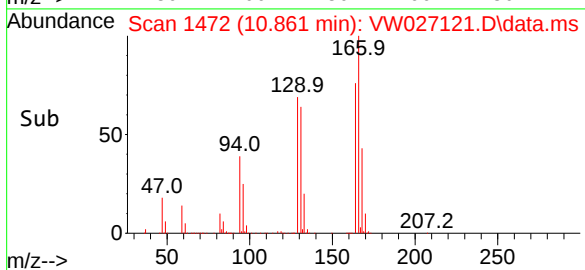
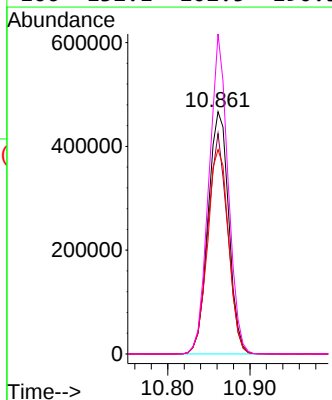
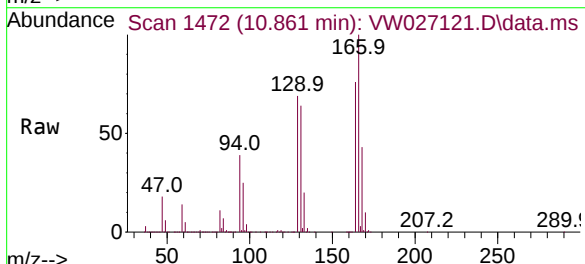
Instrument :
MSVOA_W
ClientSampleId :

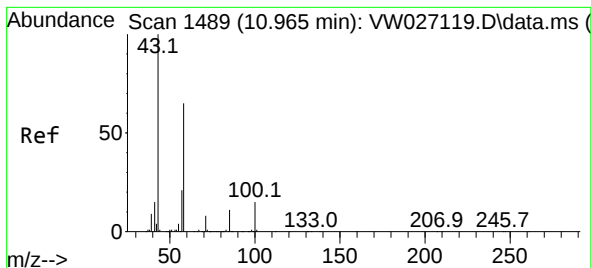
Tgt Ion:	97	Resp:	670018
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.3	80.5
83	84.7	58.0	107.8
85	53.2	38.9	72.2



#46
Tetrachloroethene
Concen: 101.619 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion:	164	Resp:	816126
Ion	Ratio	Lower	Upper
164	100		
129	91.0	72.9	135.3
131	84.3	68.7	127.7
166	132.1	102.5	190.3





#48

2-Hexanone

Concen: 222.019 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 627709

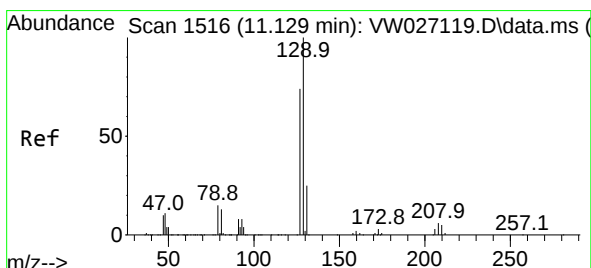
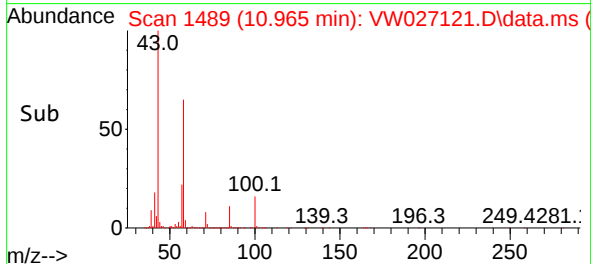
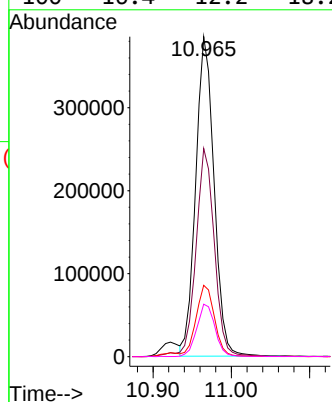
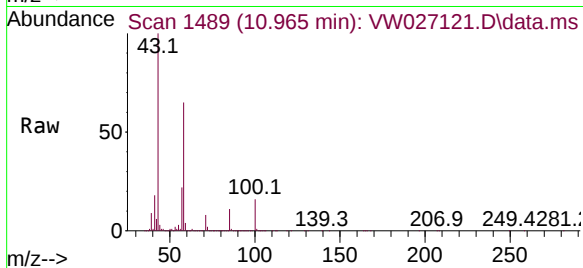
Ion Ratio Lower Upper

43 100

58 64.9 51.4 77.0

57 22.5 17.2 25.8

100 16.4 12.2 18.2



#49

Dibromochloromethane

Concen: 102.791 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027121.D

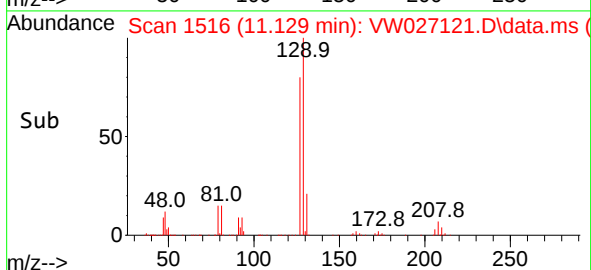
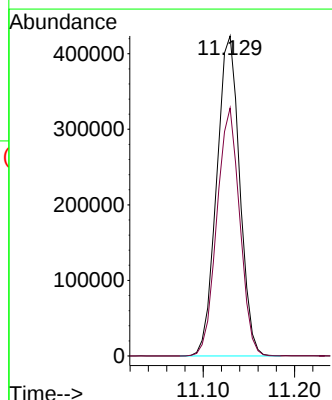
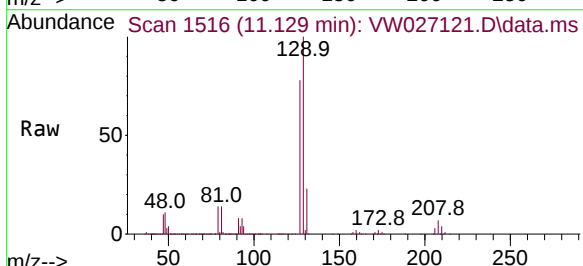
Acq: 18 Sep 2023 11:53

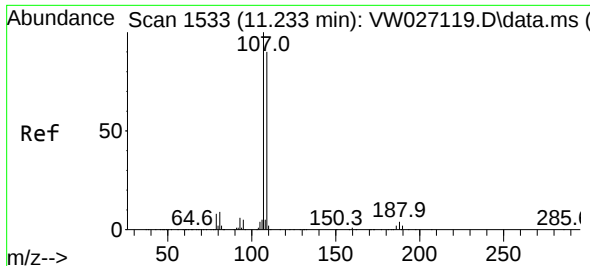
Tgt Ion:129 Resp: 741139

Ion Ratio Lower Upper

129 100

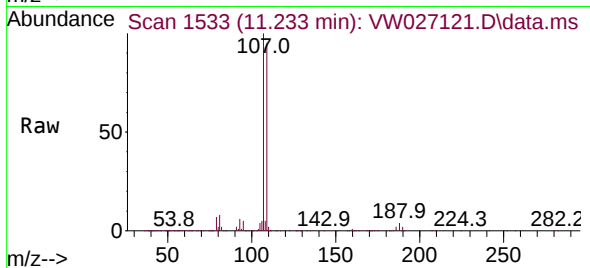
127 77.5 51.9 96.5



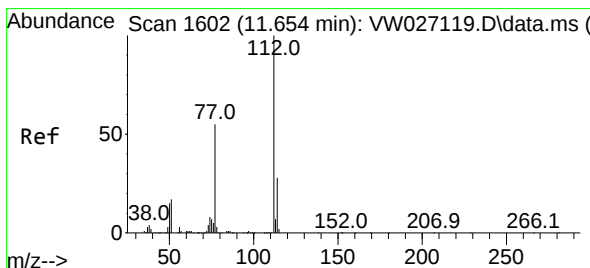
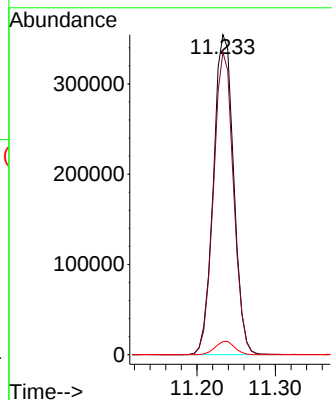
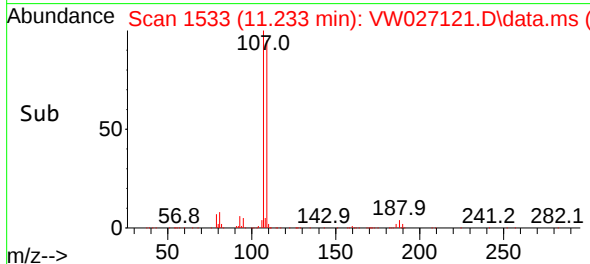


#50
1,2-Dibromoethane
Concen: 100.769 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

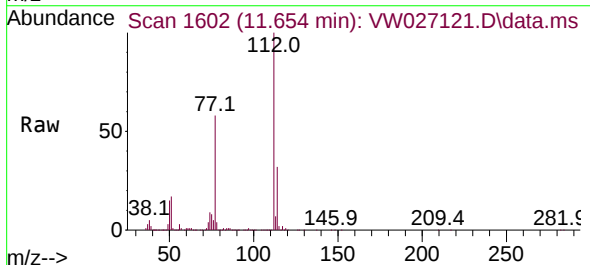
Instrument :
MSVOA_W
ClientSampleId :



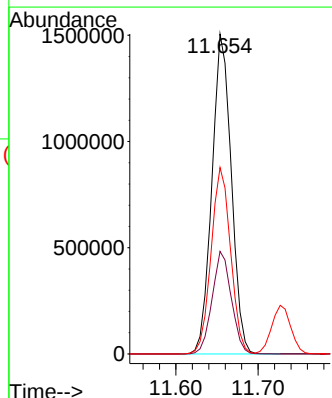
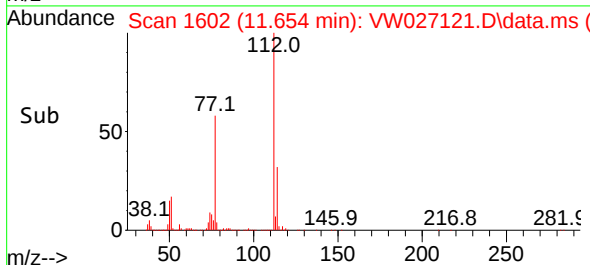
Tgt Ion:107 Resp: 637146
Ion Ratio Lower Upper
107 100
109 94.6 63.3 117.5
188 4.1 3.1 4.7

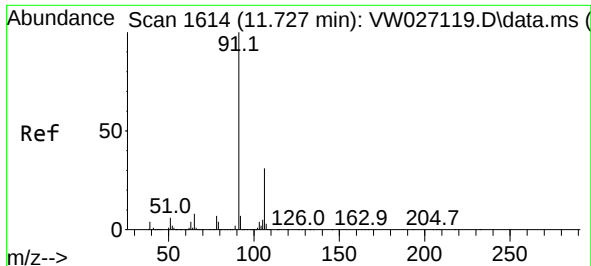


#51
Chlorobenzene
Concen: 98.133 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53



Tgt Ion:112 Resp: 2467403
Ion Ratio Lower Upper
112 100
114 32.0 19.7 36.7
77 58.3 44.5 66.7

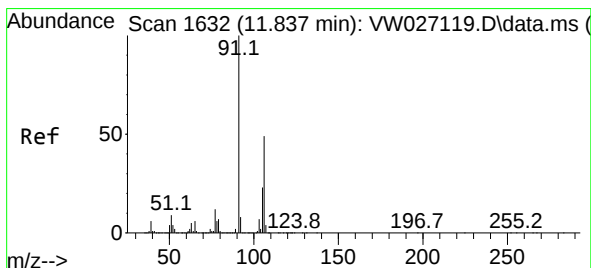
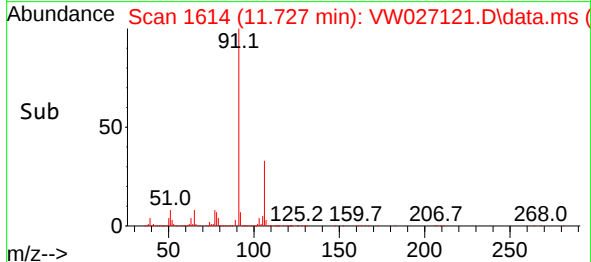
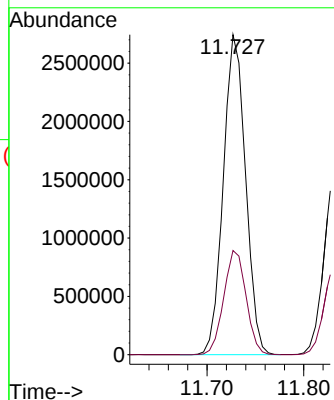
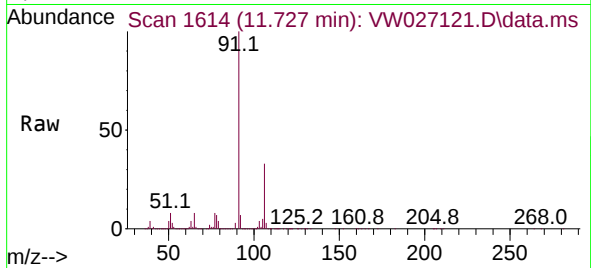




#52
Ethylbenzene
Concen: 104.906 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

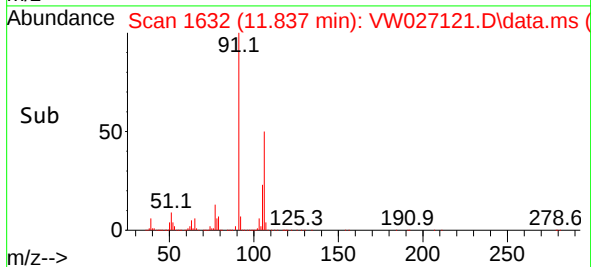
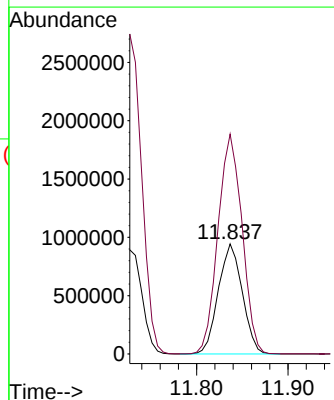
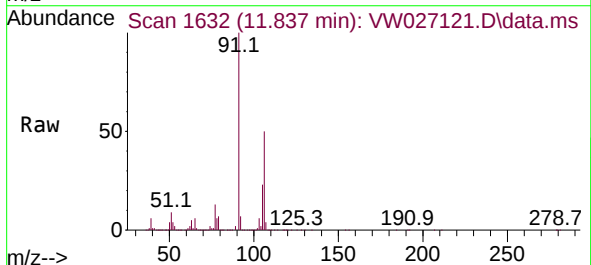
Instrument :
MSVOA_W
ClientSampleId :

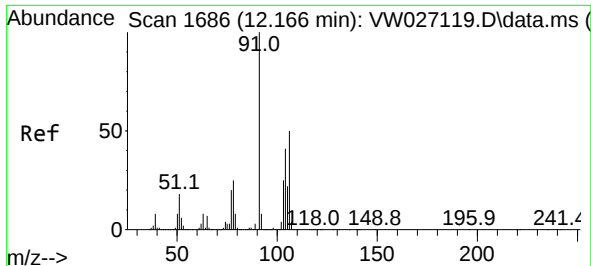
Tgt Ion: 91 Resp: 4383574
Ion Ratio Lower Upper
91 100
106 32.5 21.8 40.4



#53
m,p-Xylene
Concen: 107.200 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion:106 Resp: 1717863
Ion Ratio Lower Upper
106 100
91 199.6 142.7 265.1

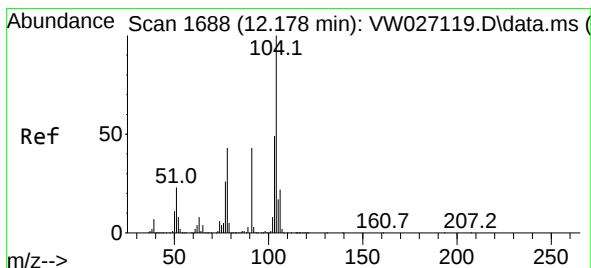
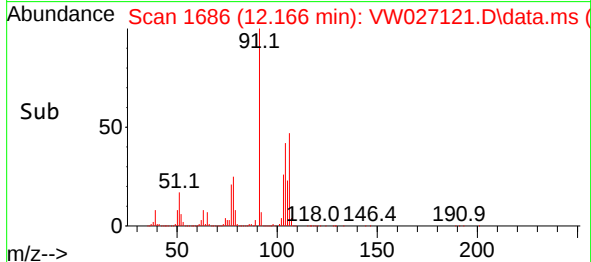
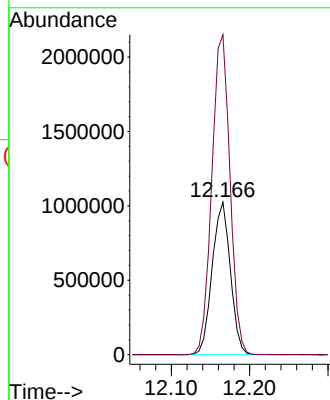
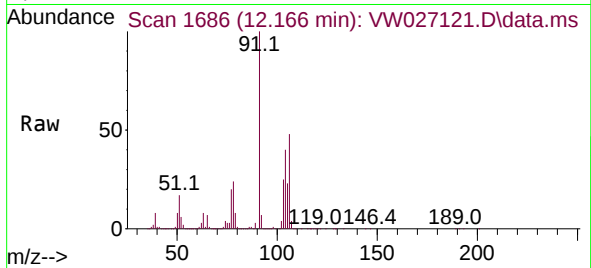




#54
o-Xylene
Concen: 107.994 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

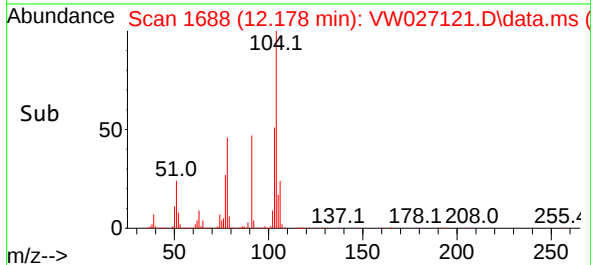
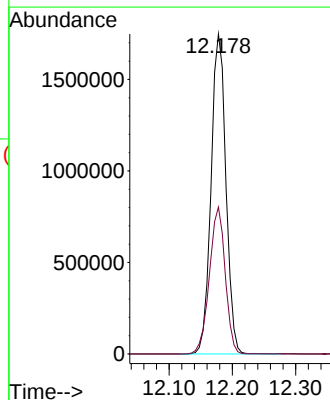
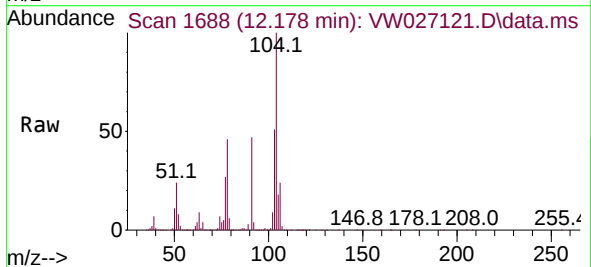
Instrument :
MSVOA_W
ClientSampleId :

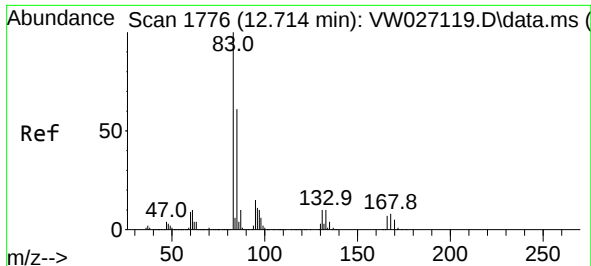
Tgt Ion:106 Resp: 1648641
Ion Ratio Lower Upper
106 100
91 209.8 140.6 261.0



#55
Styrene
Concen: 108.895 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion:104 Resp: 2848464
Ion Ratio Lower Upper
104 100
78 45.9 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 96.614 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

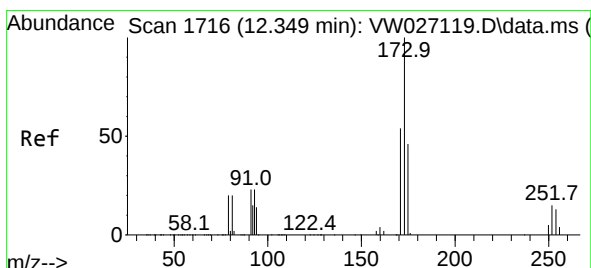
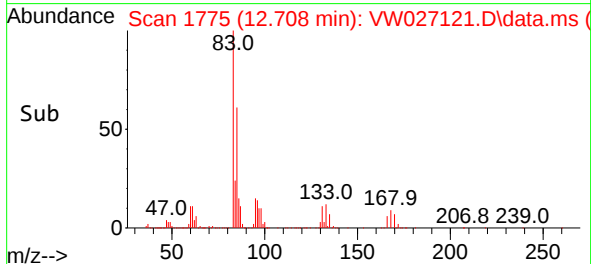
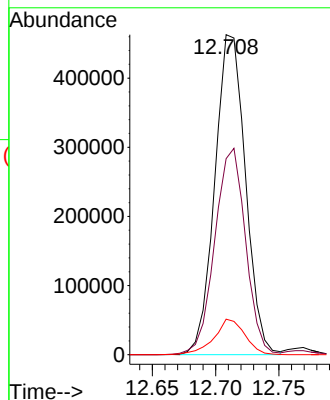
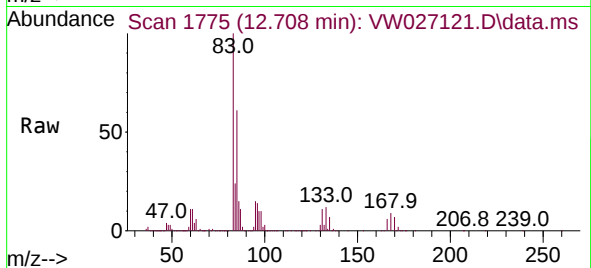
Tgt Ion: 83 Resp: 779887

Ion Ratio Lower Upper

83 100

85 61.2 42.5 78.9

131 11.1 7.8 11.8



#59

Bromoform

Concen: 103.589 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

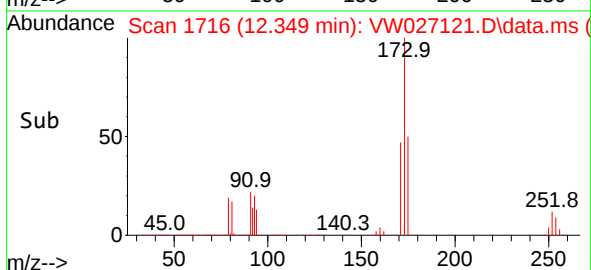
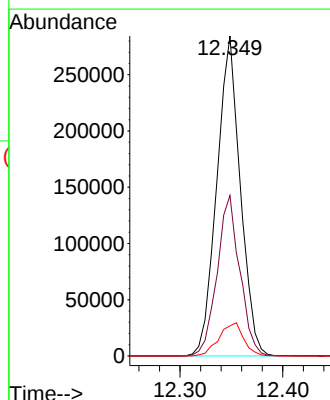
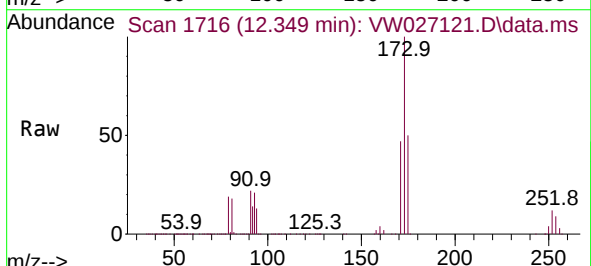
Tgt Ion: 173 Resp: 451573

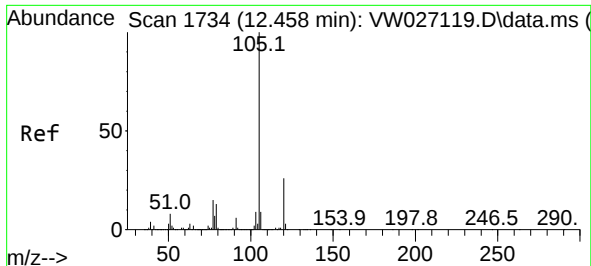
Ion Ratio Lower Upper

173 100

175 48.4 36.6 55.0

254 10.9 10.0 15.0

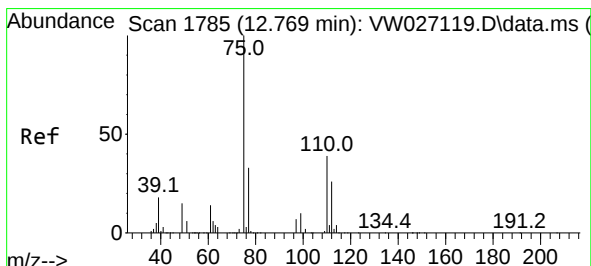
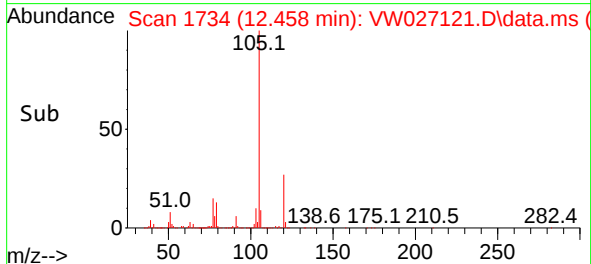
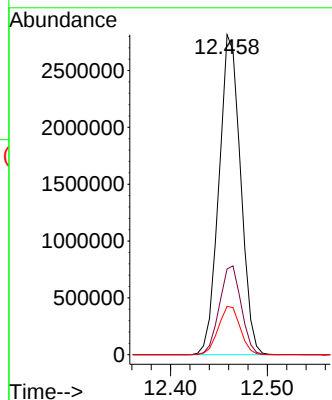
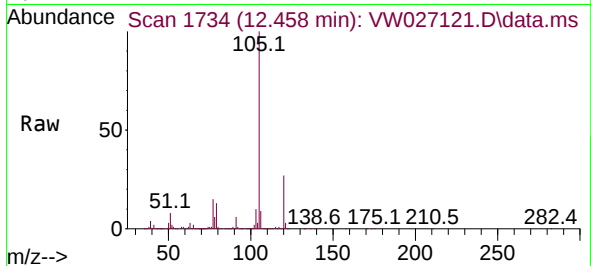




#60
Isopropylbenzene
Concen: 108.243 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

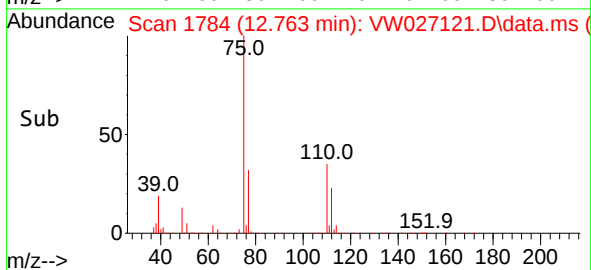
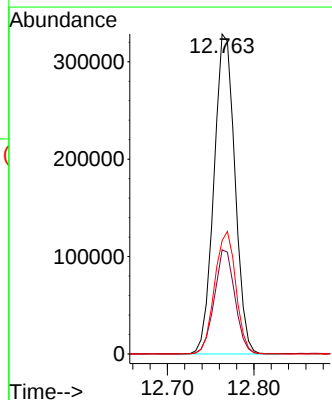
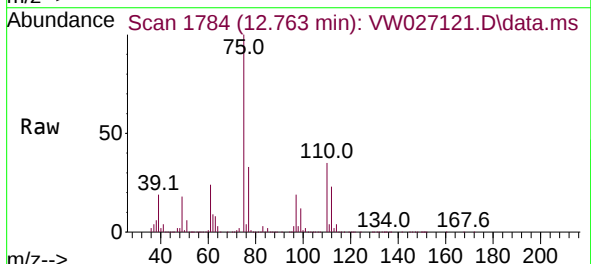
Instrument :
MSVOA_W
ClientSampleId :

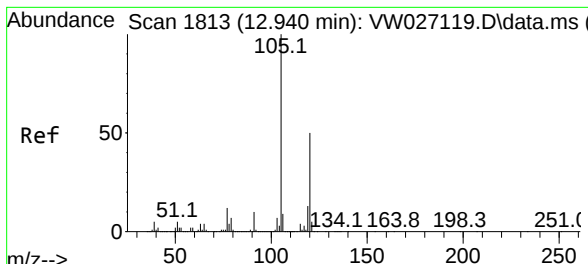
Tgt Ion:105 Resp: 4363788
Ion Ratio Lower Upper
105 100
120 27.9 21.0 31.4
77 15.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 98.594 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027121.D
Acq: 18 Sep 2023 11:53

Tgt Ion: 75 Resp: 553310
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 38.6 31.6 47.4

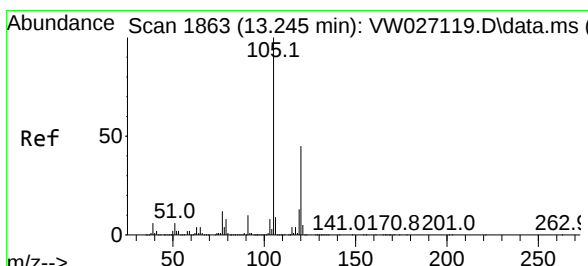
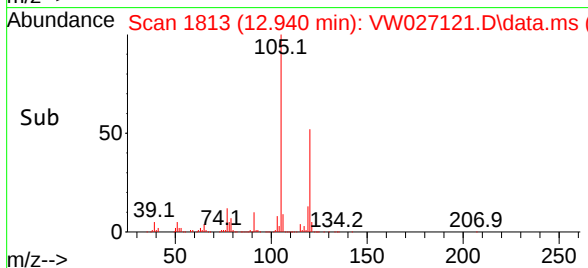
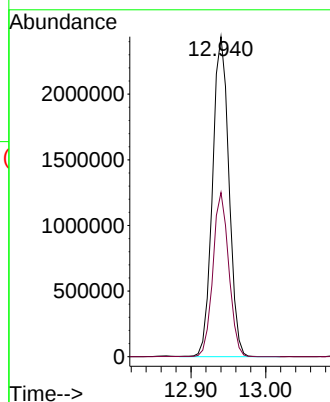
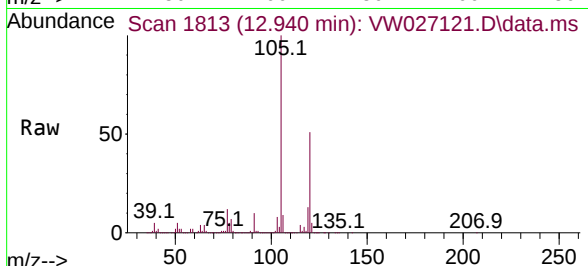




#62
 1,3,5-Trimethylbenzene
 Concen: 115.398 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW027121.D
 Acq: 18 Sep 2023 11:53

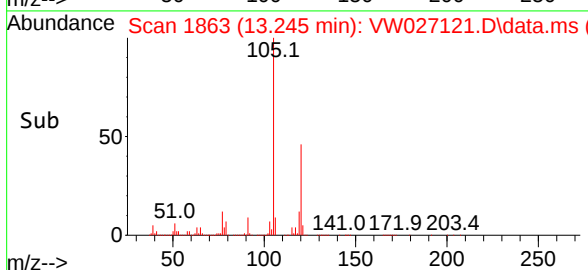
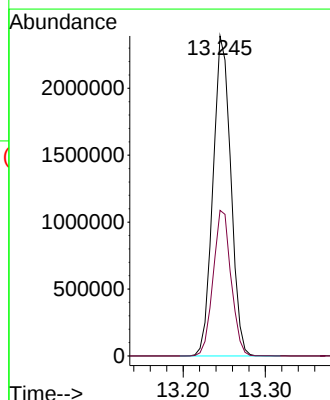
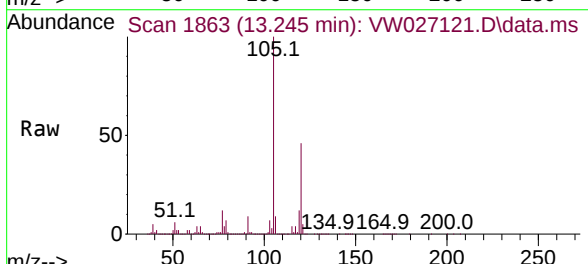
Instrument :
 MSVOA_W
 ClientSampleId :

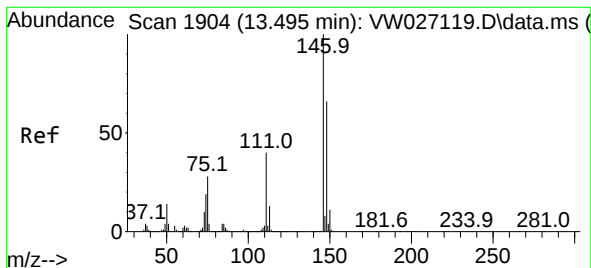
Tgt Ion:105 Resp: 3723074
 Ion Ratio Lower Upper
 105 100
 120 49.6 40.5 60.7



#63
 1,2,4-Trimethylbenzene
 Concen: 115.057 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW027121.D
 Acq: 18 Sep 2023 11:53

Tgt Ion:105 Resp: 3596681
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 102.807 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

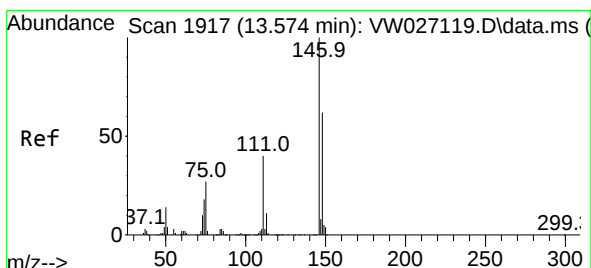
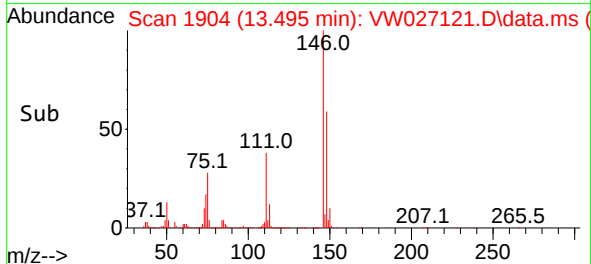
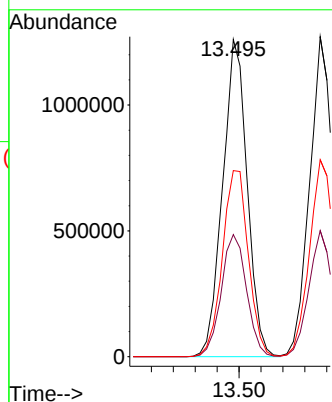
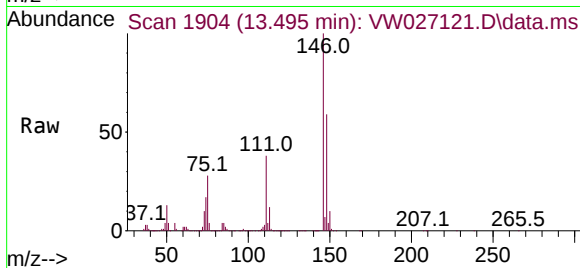
Tgt Ion:146 Resp: 1959908

Ion Ratio Lower Upper

146 100

111 38.5 27.6 51.4

148 58.7 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 97.148 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

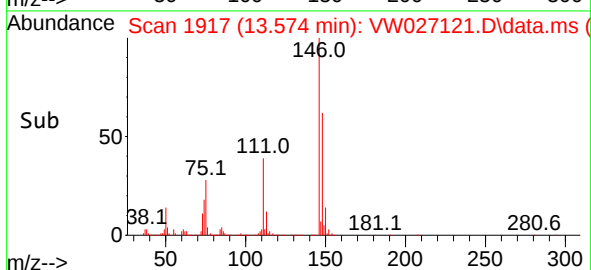
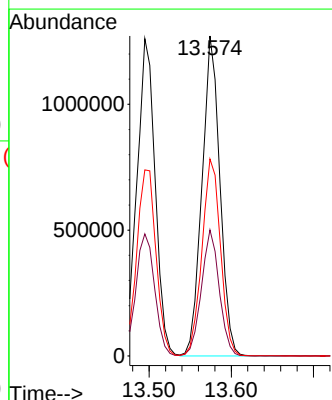
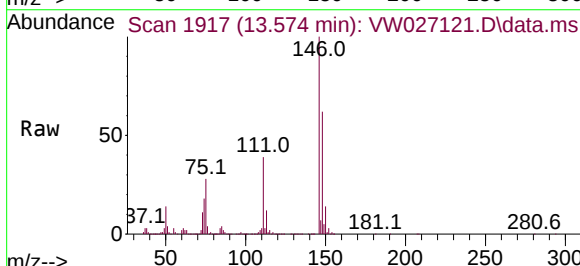
Tgt Ion:146 Resp: 1924870

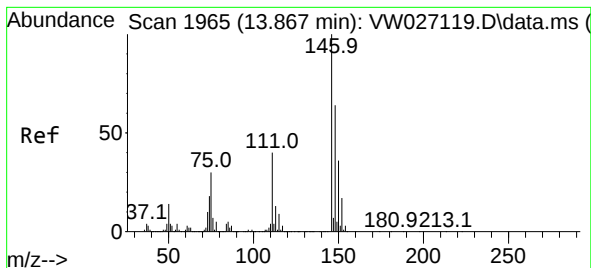
Ion Ratio Lower Upper

146 100

111 39.4 28.1 52.1

148 61.5 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 101.590 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

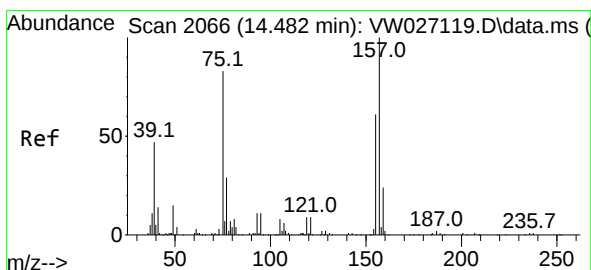
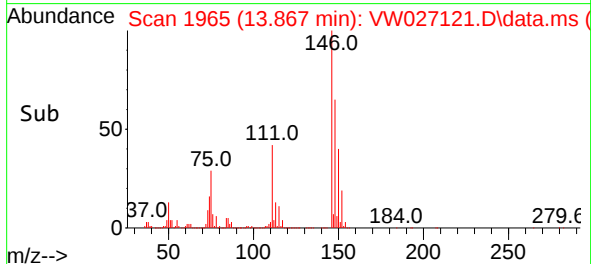
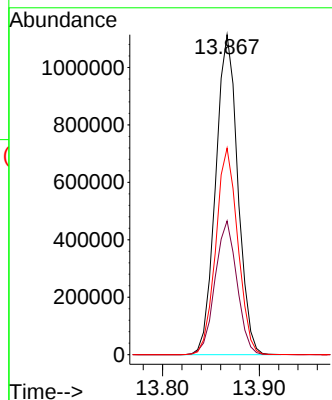
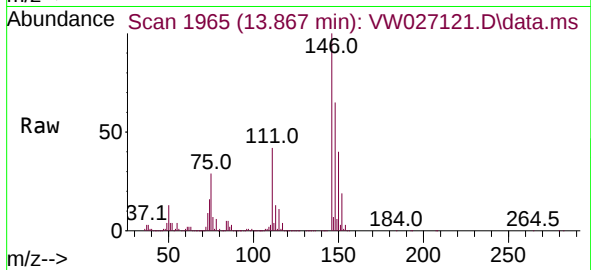
Tgt Ion:146 Resp: 1770173

Ion Ratio Lower Upper

146 100

111 41.8 32.2 48.2

148 64.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 95.668 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

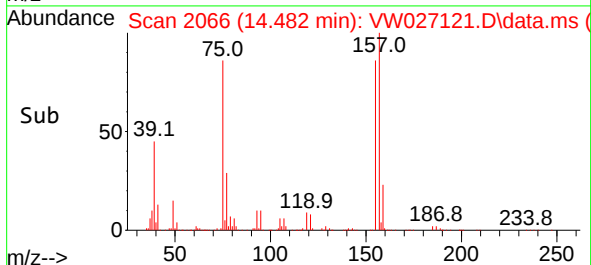
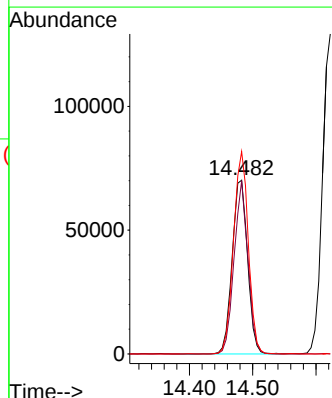
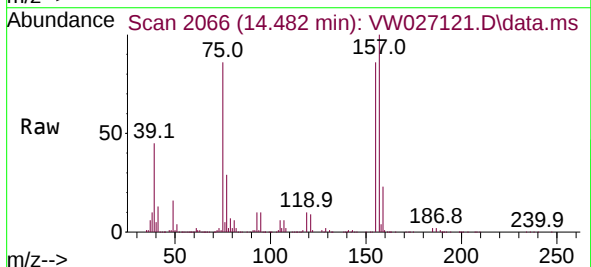
Tgt Ion: 75 Resp: 118893

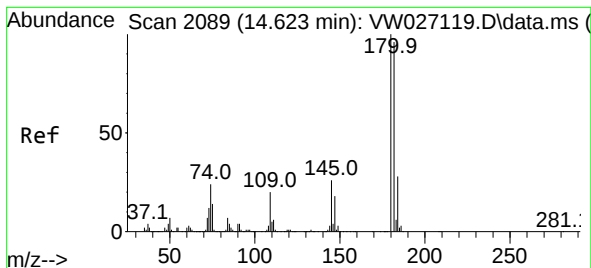
Ion Ratio Lower Upper

75 100

155 99.6 58.7 88.1#

157 116.4 95.9 143.9





#69

1,3,5-Trichlorobenzene

Concen: 99.732 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

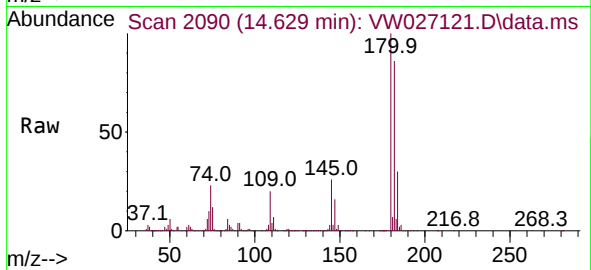
Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 1368625

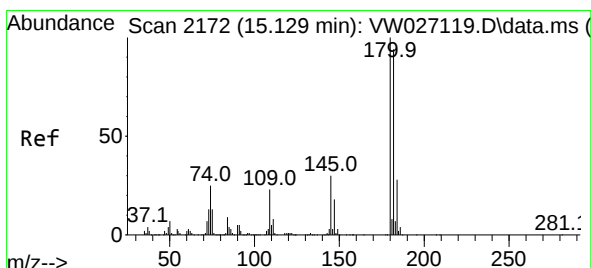
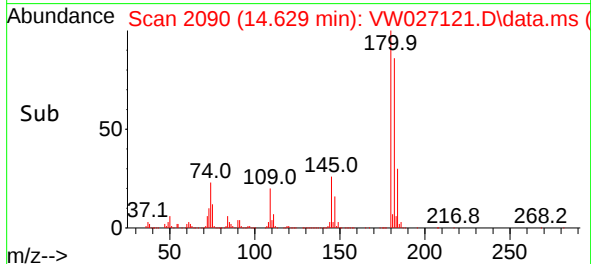
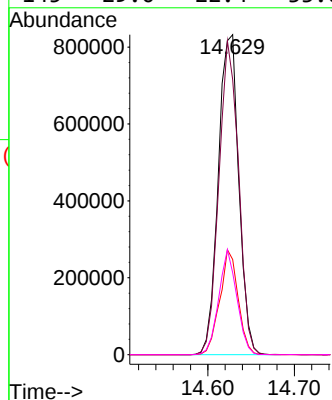
Ion Ratio Lower Upper

180 100

182 94.0 76.6 115.0

184 29.4 23.8 35.8

145 29.0 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 99.916 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

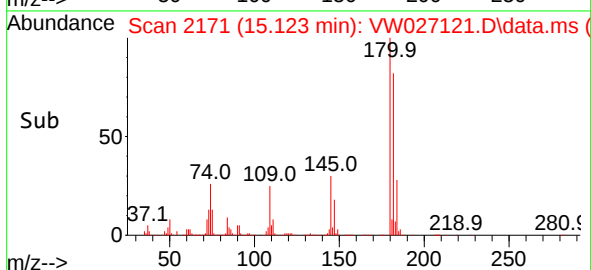
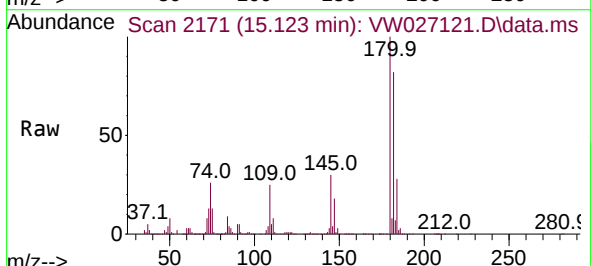
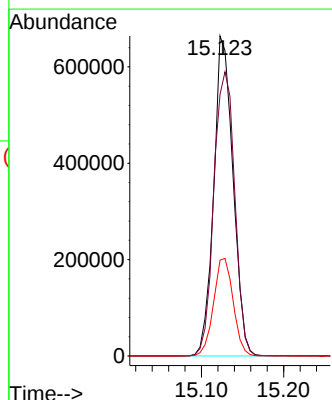
Tgt Ion:180 Resp: 1086683

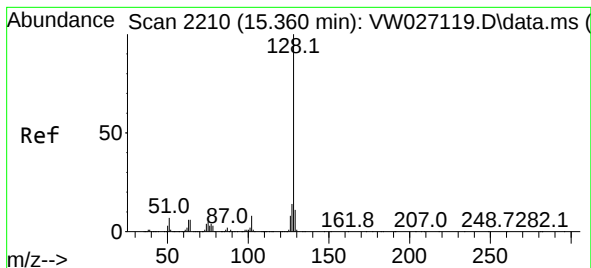
Ion Ratio Lower Upper

180 100

182 95.8 78.2 117.4

145 31.0 24.6 36.8





#71

Naphthalene

Concen: 115.355 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

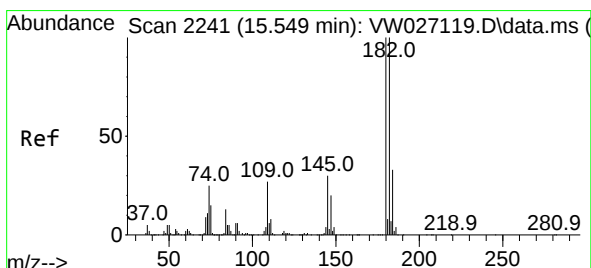
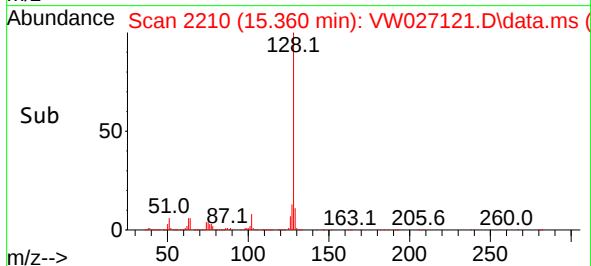
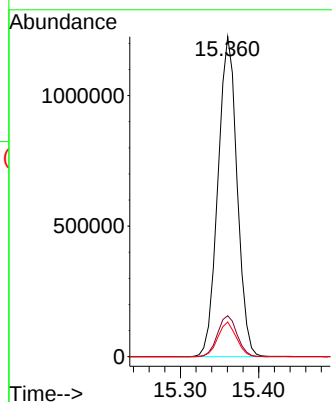
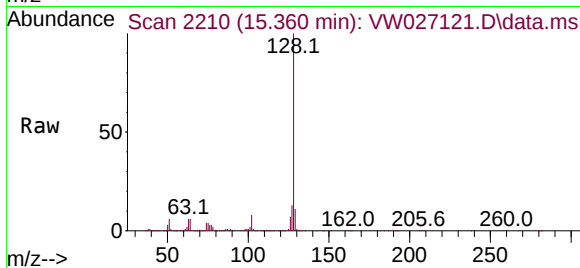
Tgt Ion:128 Resp: 2087087

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.5 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 101.229 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027121.D

Acq: 18 Sep 2023 11:53

Tgt Ion:180 Resp: 993904

Ion Ratio Lower Upper

180 100

182 91.9 79.0 118.6

145 31.6 25.4 38.2

