

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090523\
 Data File : VW026993.D
 Acq On : 05 Sep 2023 11:35
 Operator : SY/MD
 Sample : VSTD10032
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 06 01:36:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 06 01:32:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	673756	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	658077	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	365580	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1055813	87.714	ug/L	0.00
7) Chloroethane-d5	2.893	69	922425	94.950	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	419011	93.799	ug/L	0.00
21) 2-Butanone-d5	7.075	46	445979	195.496	ug/L	0.00
24) Chloroform-d	7.648	84	1977504	98.634	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	969832	92.032	ug/L	0.00
32) Benzene-d6	8.276	84	4192485	97.128	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	1252708	98.869	ug/L	0.00
41) Toluene-d8	10.325	98	3868582	98.992	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	508537	103.411	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	276062	233.347	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	979730	99.627	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1258731	99.551	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	651985	83.895	ug/L #	85
3) Chloromethane	2.235	50	1169344	100.046	ug/L	98
5) Vinyl chloride	2.375	62	1294637	97.083	ug/L	97
6) Bromomethane	2.783	94	869181	98.758	ug/L	96
8) Chloroethane	2.930	64	820762	98.061	ug/L	99
9) Trichlorofluoromethane	3.259	101	854681	110.615	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	970786	101.037	ug/L	94
12) 1,1-Dichloroethene	4.045	96	950663	99.866	ug/L	91
13) Acetone	4.118	43	311567	153.420	ug/L	98
14) Carbon disulfide	4.393	76	3019826	98.906	ug/L	97
15) Methyl Acetate	4.667	43	436118	99.851	ug/L #	89
16) Methylene chloride	4.923	84	1009774	76.230	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	1074425	103.122	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	1560173	107.512	ug/L	99
19) 1,1-Dichloroethane	6.210	63	1995376	101.597	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	1194503	104.179	ug/L	97
22) 2-Butanone	7.167	43	578645	178.322	ug/L	97
23) Bromochloromethane	7.514	128	505617	101.614	ug/L	95
25) Chloroform	7.679	83	1928907	100.134	ug/L	97
27) 1,2-Dichloroethane	8.398	62	1227275	100.708	ug/L	99
29) Cyclohexane	7.959	56	1858877	108.342	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	1459834	97.932	ug/L	99
31) Carbon tetrachloride	8.069	117	1343586	101.129	ug/L	100
33) Benzene	8.325	78	4441404	98.687	ug/L	100
34) Trichloroethene	9.093	95	1179831	102.029	ug/L	95
35) Methylcyclohexane	9.337	83	2088456	106.298	ug/L	99
37) 1,2-Dichloropropane	9.368	63	1157342	100.771	ug/L	100
38) Bromodichloromethane	9.642	83	1388341	102.646	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	1876195	110.013	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	1279197	215.742	ug/L	99
42) Toluene	10.386	91	4755743	102.683	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	1503756	108.613	ug/L	99

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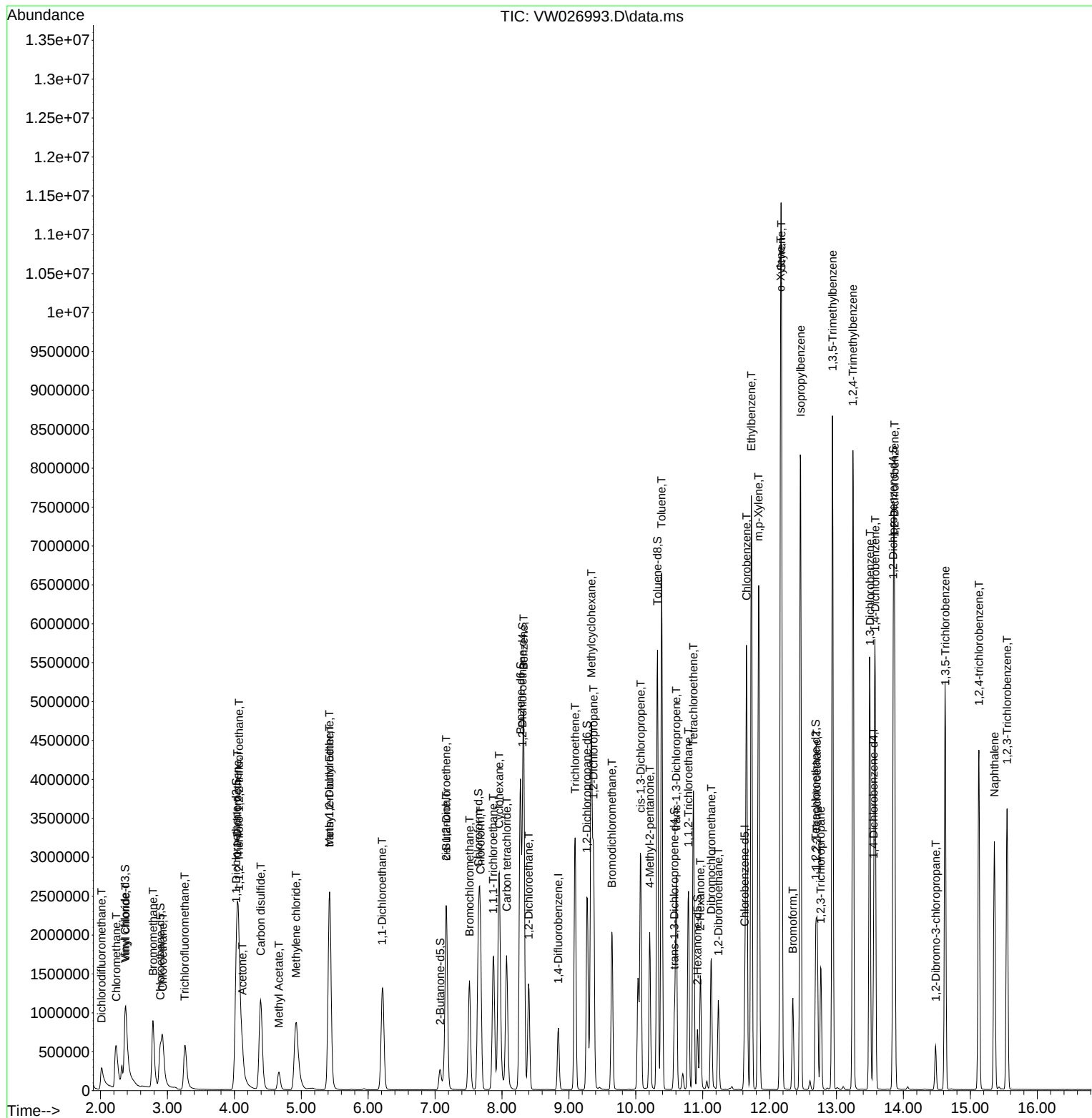
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	818143	98.887	ug/L	97
46) Tetrachloroethene	10.861	164	856126	96.989	ug/L	81
48) 2-Hexanone	10.965	43	888872	225.340	ug/L	98
49) Dibromochloromethane	11.129	129	879826	103.236	ug/L	89
50) 1,2-Dibromoethane	11.233	107	758928	101.322	ug/L	98
51) Chlorobenzene	11.654	112	2999038	100.531	ug/L	96
52) Ethylbenzene	11.727	91	5432411	105.802	ug/L	96
53) m,p-Xylene	11.837	106	2096667	107.950	ug/L	100
54) o-Xylene	12.166	106	2012069	110.715	ug/L	96
55) Styrene	12.178	104	3418055	110.203	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	993021	101.435	ug/L	100
59) Bromoform	12.349	173	543697	104.576	ug/L	97
60) Isopropylbenzene	12.465	105	5400995	107.847	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	690860	98.785	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	4479417	112.090	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	4393891	112.461	ug/L	100
64) 1,3-Dichlorobenzene	13.501	146	2221812	97.522	ug/L	95
65) 1,4-Dichlorobenzene	13.580	146	2250351	97.193	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	2065294	100.615	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	152441	96.122	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.629	180	1621236	102.441	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	1427084	110.750	ug/L	92
71) Naphthalene	15.360	128	2687099	117.852	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	1185946	101.527	ug/L	98

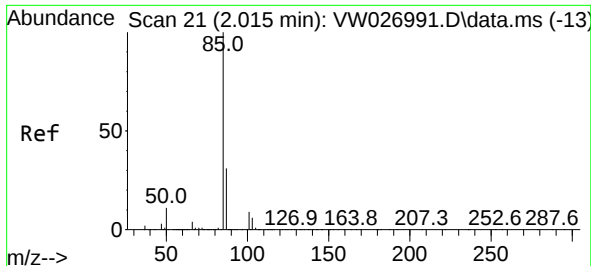
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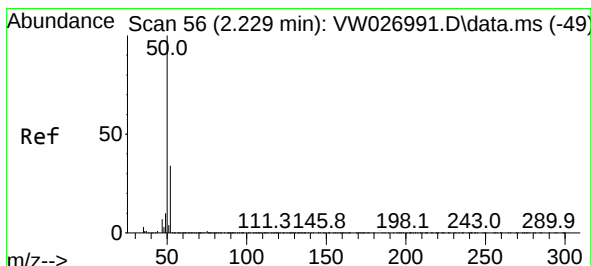
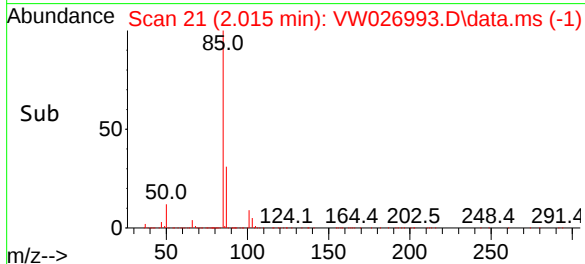
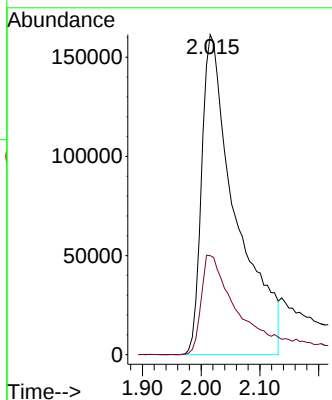
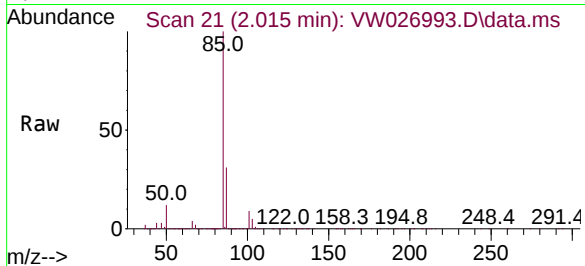




#2
 Dichlorodifluoromethane
 Concen: 83.895 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026993.D
 Acq: 05 Sep 2023 11:35

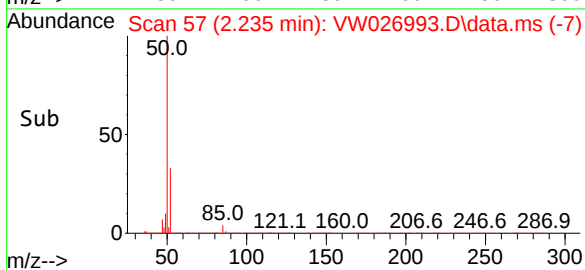
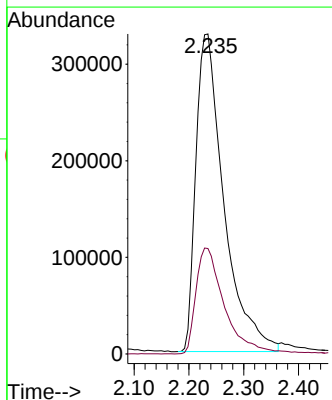
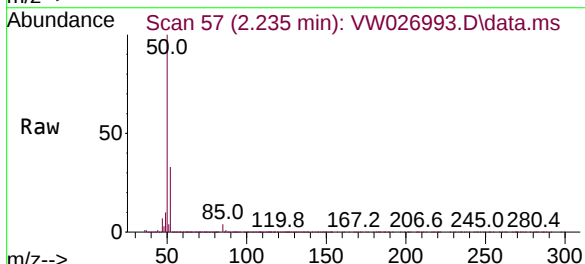
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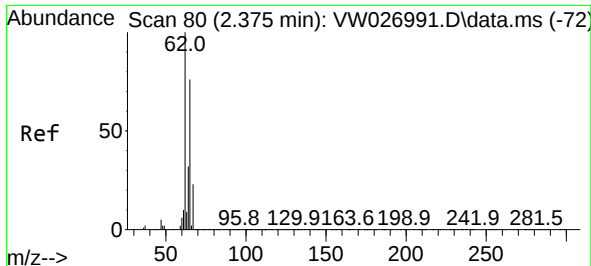
Tgt Ion: 85 Resp: 651985
 Ion Ratio Lower Upper
 85 100
 87 31.3 19.1 28.7#



#3
 Chloromethane
 Concen: 100.046 ug/L
 RT: 2.235 min Scan# 57
 Delta R.T. 0.006 min
 Lab File: VW026993.D
 Acq: 05 Sep 2023 11:35

Tgt Ion: 50 Resp: 1169344
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.1 44.7

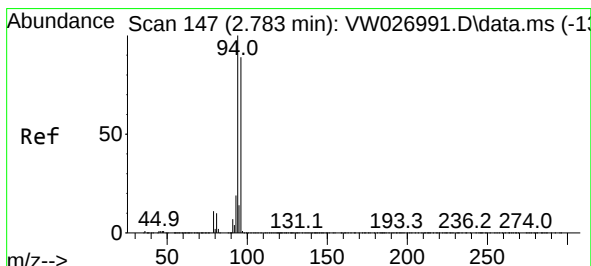
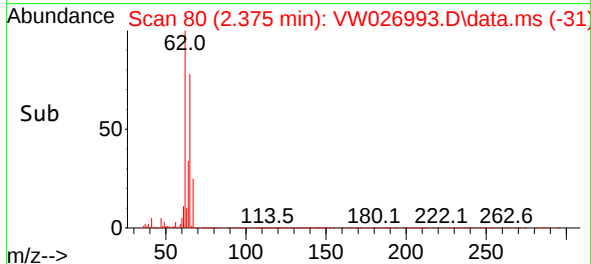
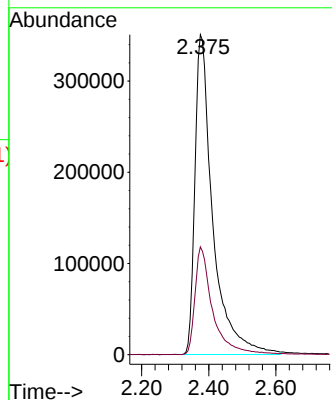
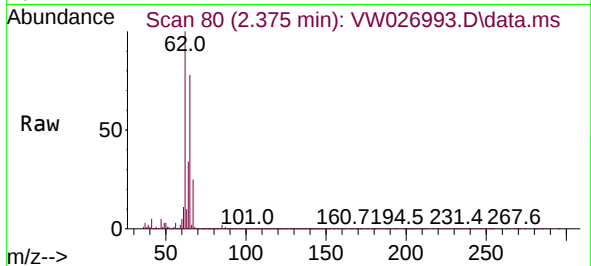




#5
 Vinyl chloride
 Concen: 97.083 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026993.D
 Acq: 05 Sep 2023 11:35

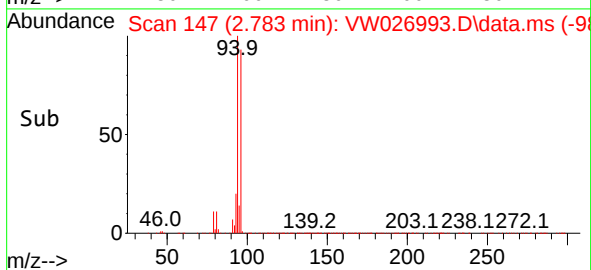
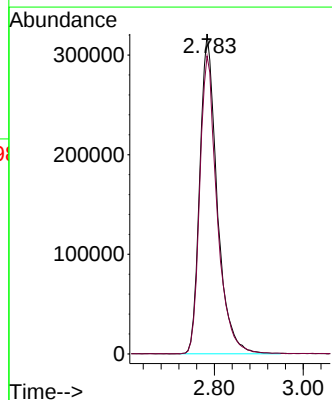
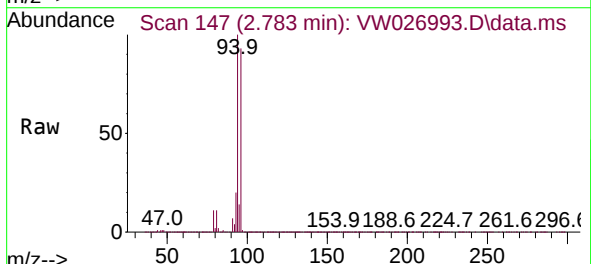
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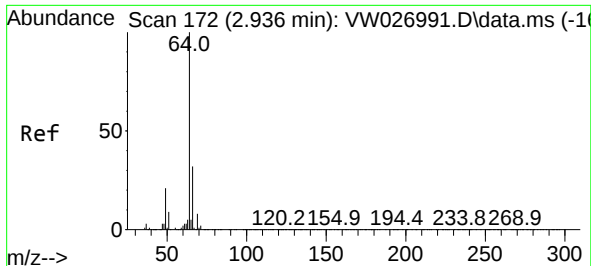
Tgt Ion: 62 Resp: 1294637
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.3



#6
 Bromomethane
 Concen: 98.758 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026993.D
 Acq: 05 Sep 2023 11:35

Tgt Ion: 94 Resp: 869181
 Ion Ratio Lower Upper
 94 100
 96 93.1 62.6 116.2

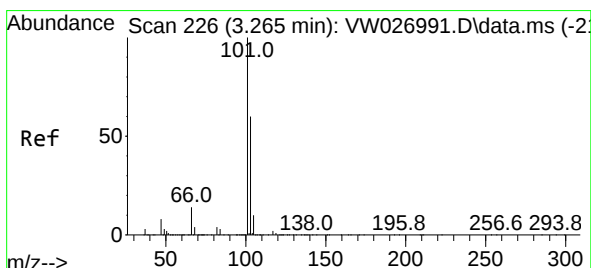
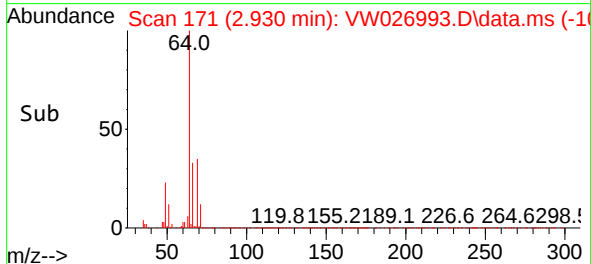
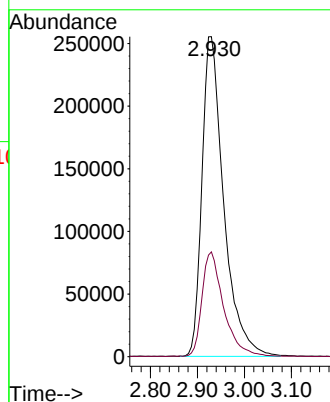
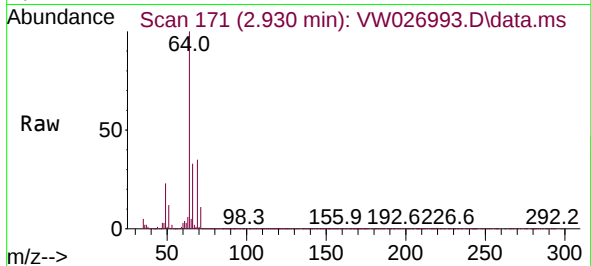




#8
Chloroethane
Concen: 98.061 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

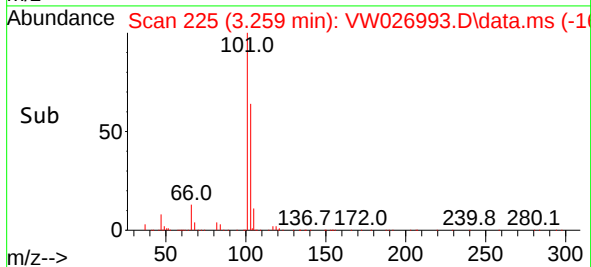
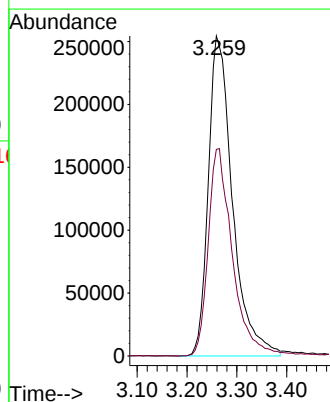
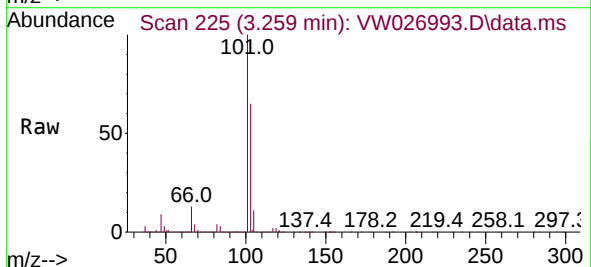
Instrument :
MSVOA_W
ClientSampleId :

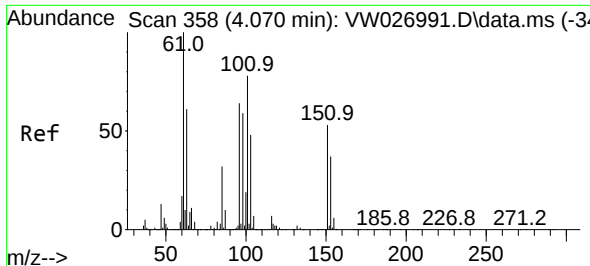
Tgt Ion: 64 Resp: 820762
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 110.615 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion: 101 Resp: 854681
Ion Ratio Lower Upper
101 100
103 65.1 50.2 75.4

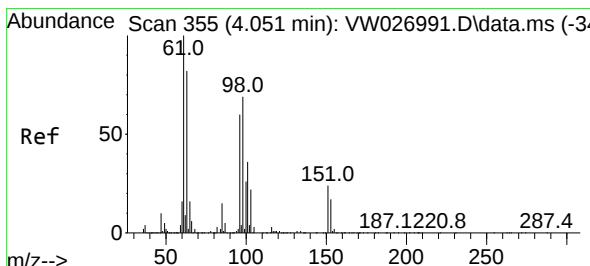
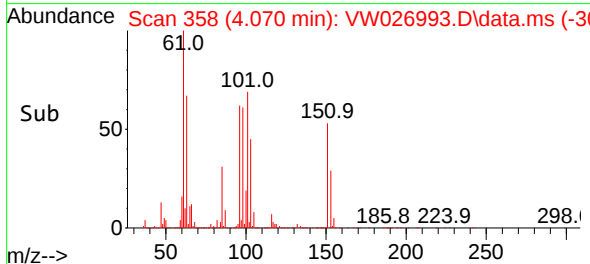
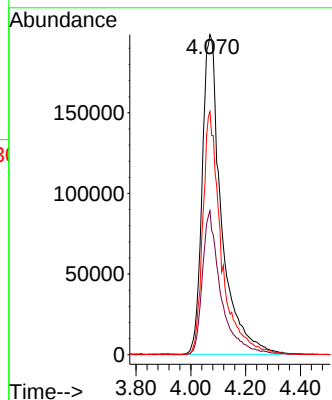
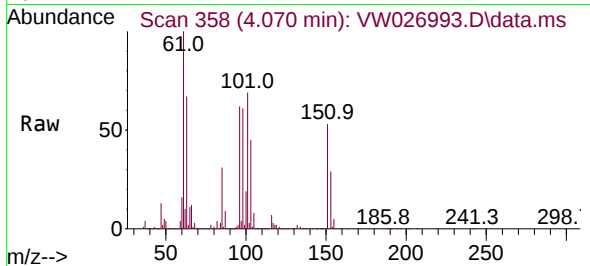




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 101.037 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026993.D
 Acq: 05 Sep 2023 11:35

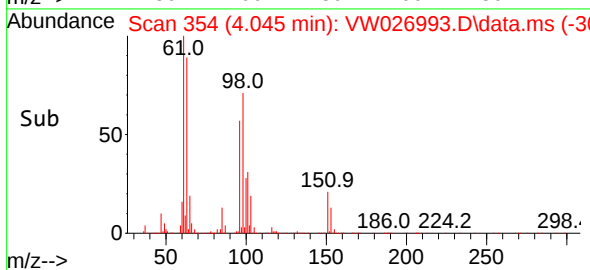
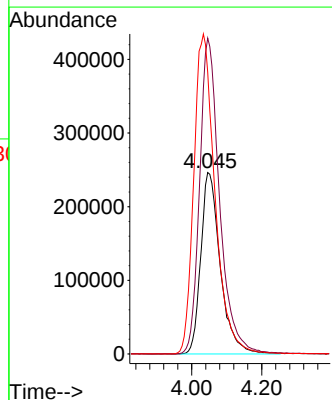
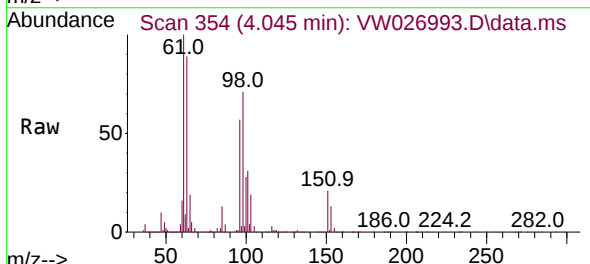
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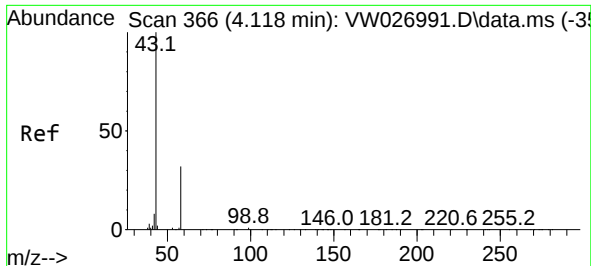
Tgt Ion:101 Resp: 970786
 Ion Ratio Lower Upper
 101 100
 85 42.3 31.1 46.7
 151 72.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 99.866 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026993.D
 Acq: 05 Sep 2023 11:35

Tgt Ion: 96 Resp: 950663
 Ion Ratio Lower Upper
 96 100
 61 174.1 117.0 217.4
 63 155.3 97.3 180.7

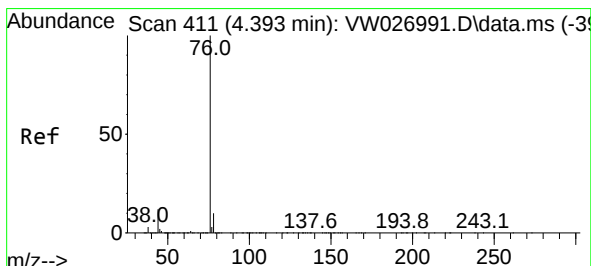
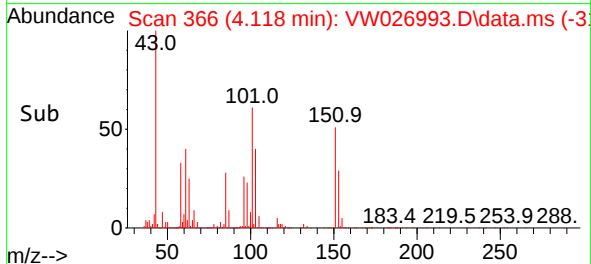
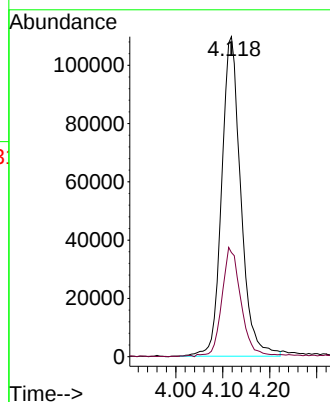
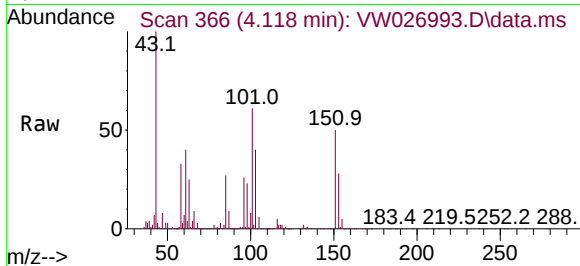




#13
Acetone
Concen: 153.420 ug/L
RT: 4.118 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026993.D
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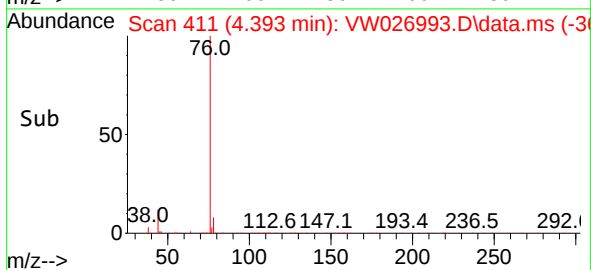
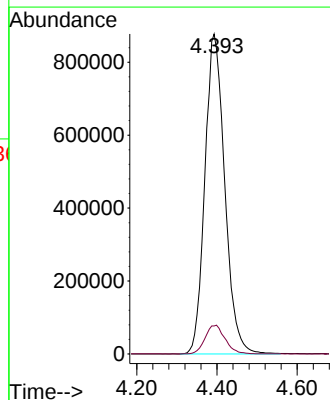
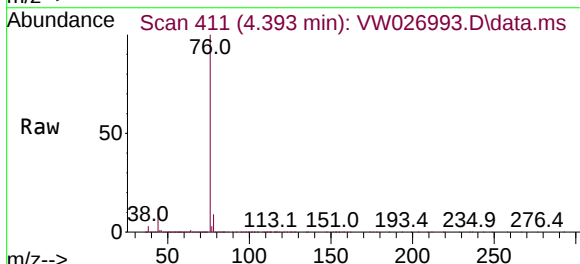
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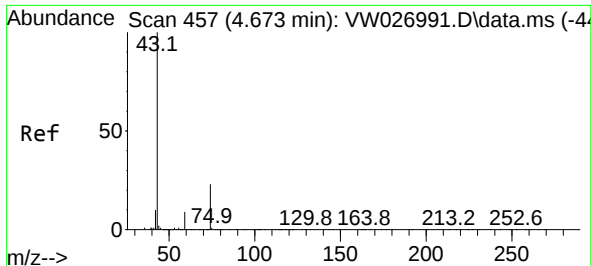
Tgt Ion: 43 Resp: 311567
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.4



#14
Carbon disulfide
Concen: 98.906 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 3019826
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

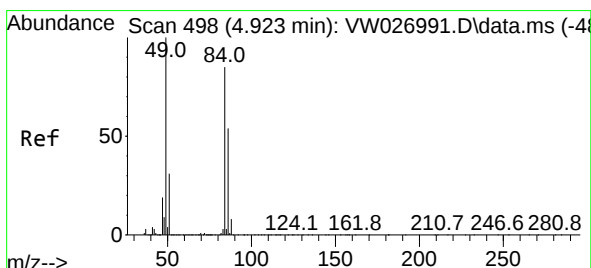
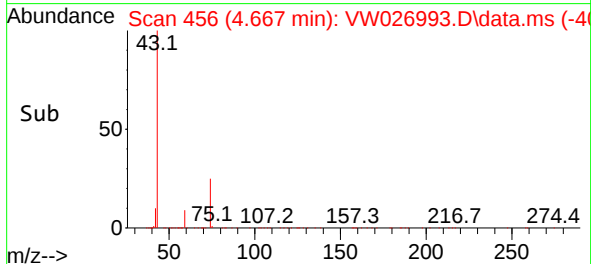
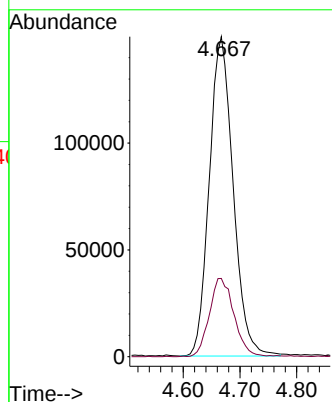
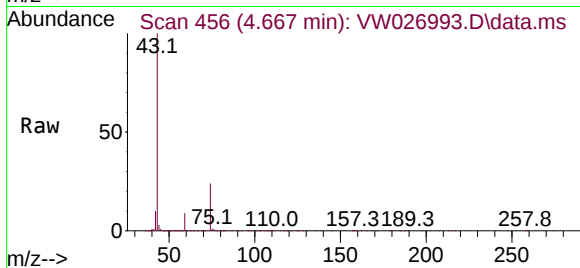




#15
Methyl Acetate
Concen: 99.851 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

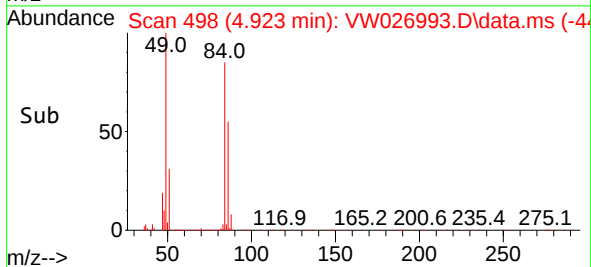
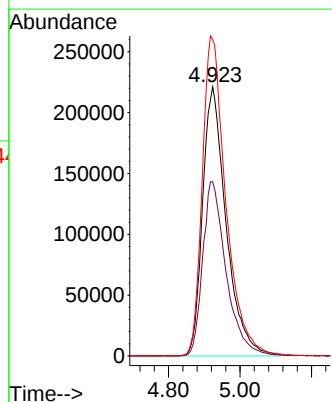
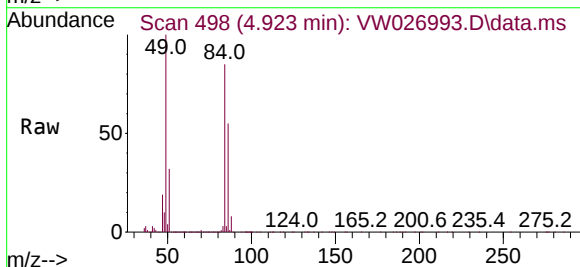
Instrument :
MSVOA_W
ClientSampleId :

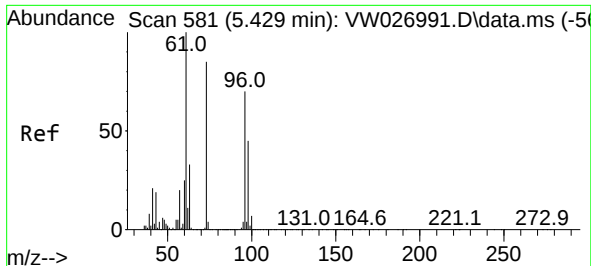
Tgt Ion: 43 Resp: 436118
Ion Ratio Lower Upper
43 100
74 25.2 0.1 0.1#



#16
Methylene chloride
Concen: 76.230 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

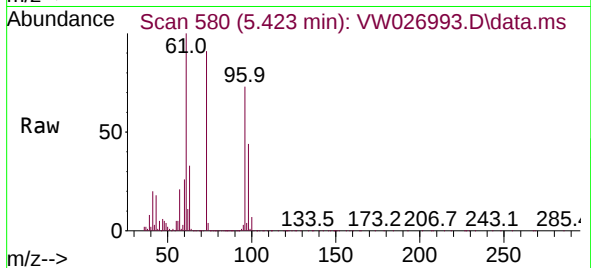
Tgt Ion: 84 Resp: 1009774
Ion Ratio Lower Upper
84 100
86 64.8 44.1 81.9
49 117.6 82.1 152.5





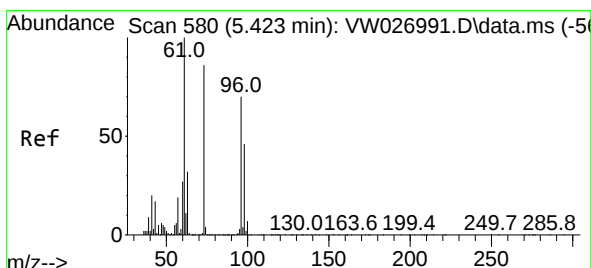
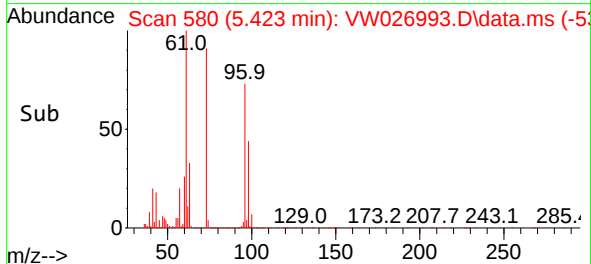
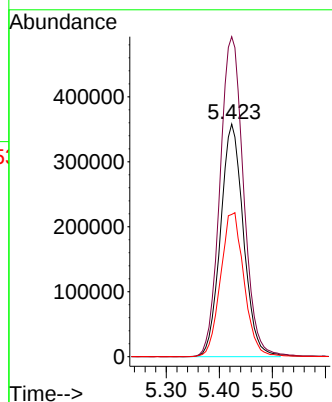
#17
trans-1,2-Dichloroethene
Concen: 103.122 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 1074425

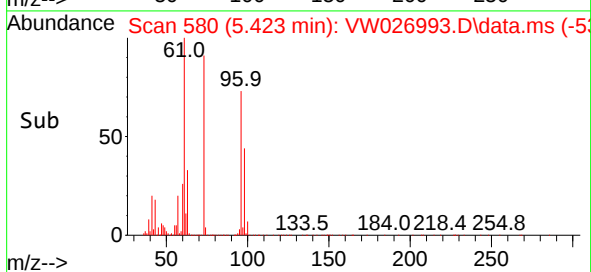
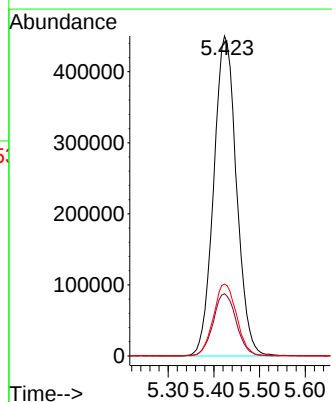
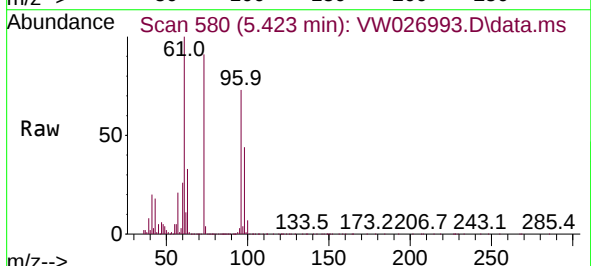
Ion	Ratio	Lower	Upper
96	100		
61	137.6	100.3	186.3
98	61.2	45.5	84.5

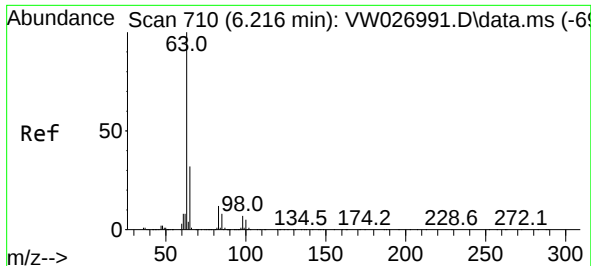


#18
Methyl tert-butyl Ether
Concen: 107.512 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion: 73 Resp: 1560173

Ion	Ratio	Lower	Upper
73	100		
43	19.7	16.5	24.7
57	22.9	18.5	27.7





#19

1,1-Dichloroethane

Concen: 101.597 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :

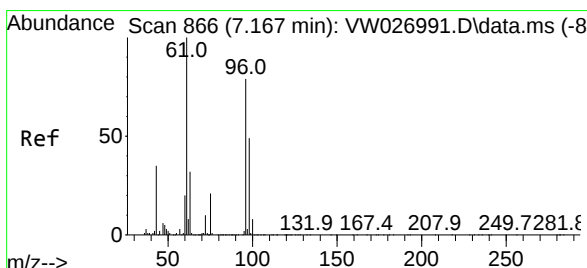
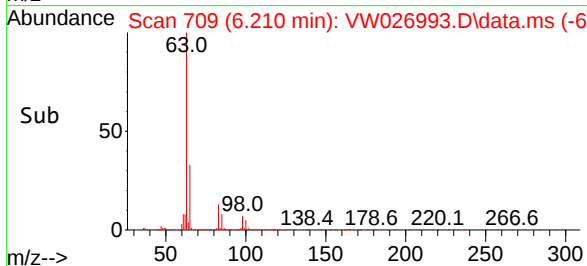
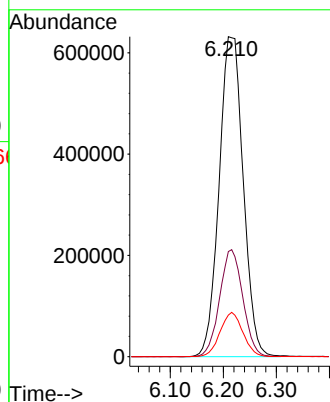
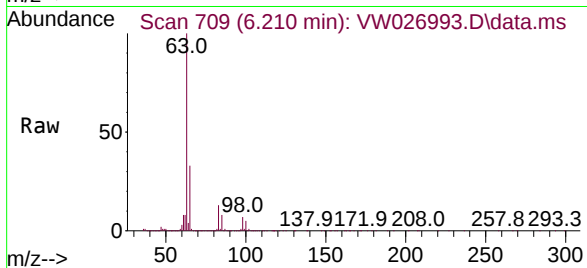
Tgt Ion: 63 Resp: 1995376

Ion Ratio Lower Upper

63 100

65 32.9 22.1 41.1

83 13.0 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 104.179 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

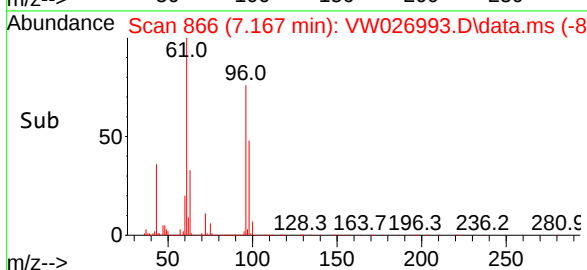
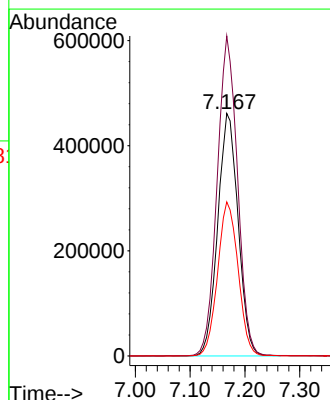
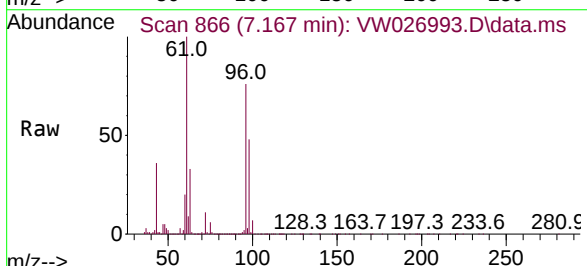
Tgt Ion: 96 Resp: 1194503

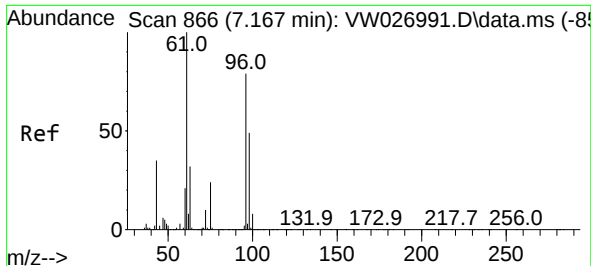
Ion Ratio Lower Upper

96 100

61 131.9 89.0 165.4

98 63.6 43.6 81.0

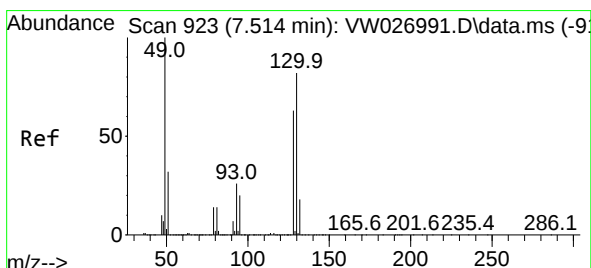
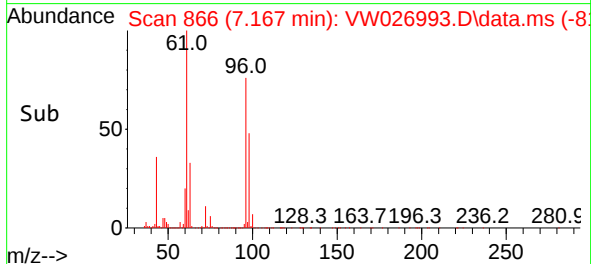
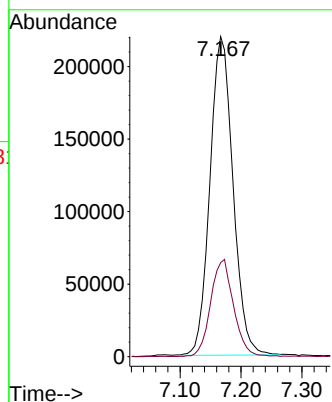
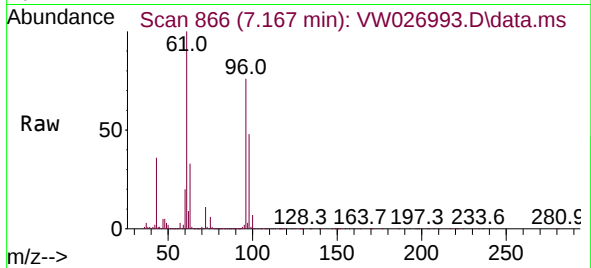




#22
2-Butanone
Concen: 178.322 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

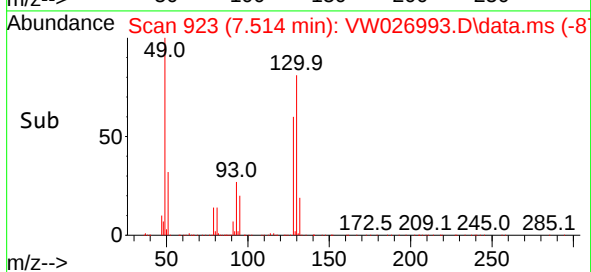
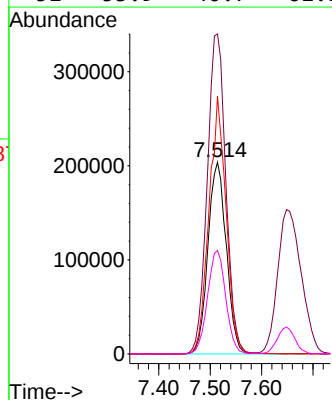
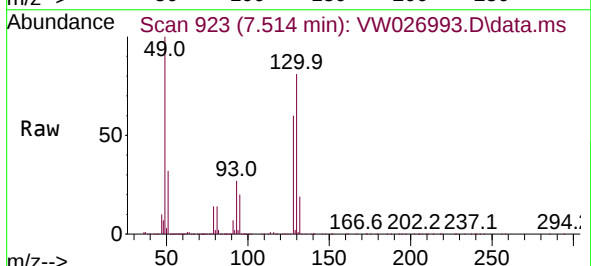
Instrument :
MSVOA_W
ClientSampleId :

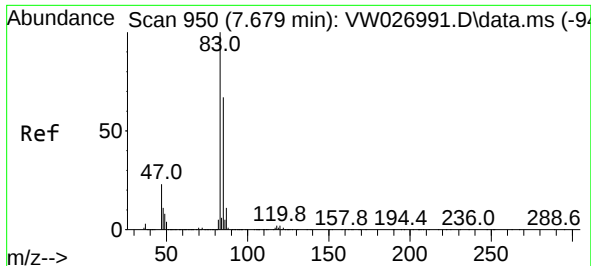
Tgt Ion: 43 Resp: 578645
Ion Ratio Lower Upper
43 100
72 30.2 14.4 43.0



#23
Bromochloromethane
Concen: 101.614 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion: 128 Resp: 505617
Ion Ratio Lower Upper
128 100
49 166.8 111.6 207.2
130 134.3 90.9 168.7
51 53.9 40.7 61.1

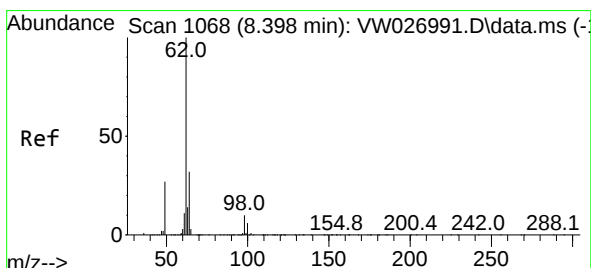
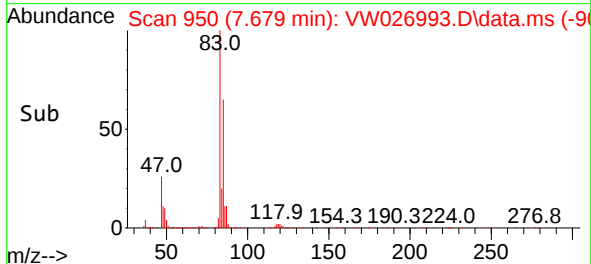
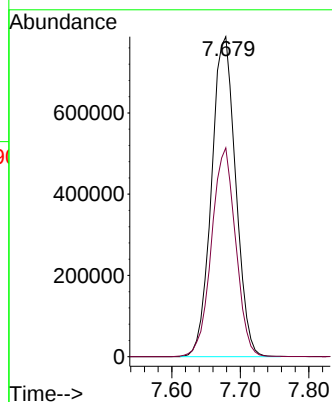
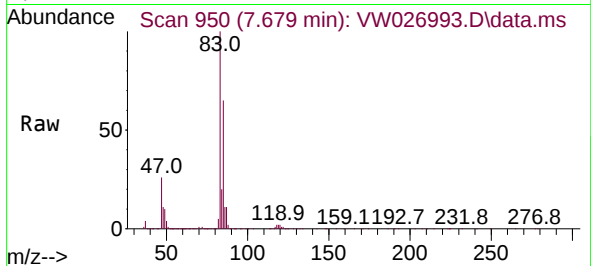




#25
Chloroform
Concen: 100.134 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

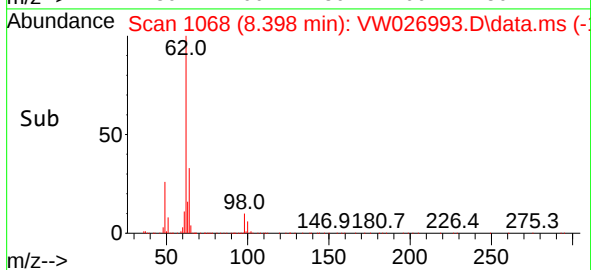
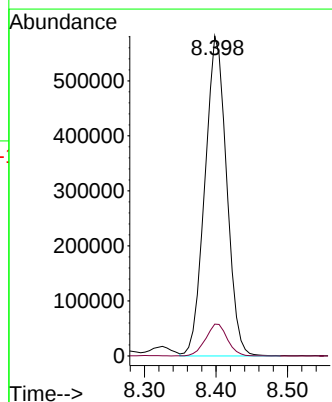
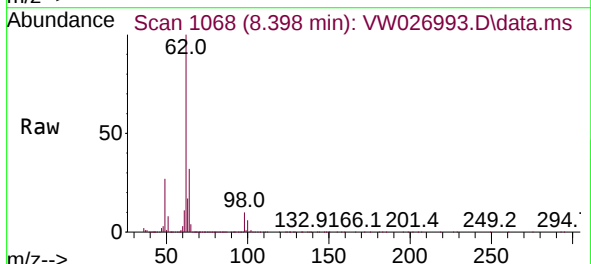
Instrument :
MSVOA_W
ClientSampleId :

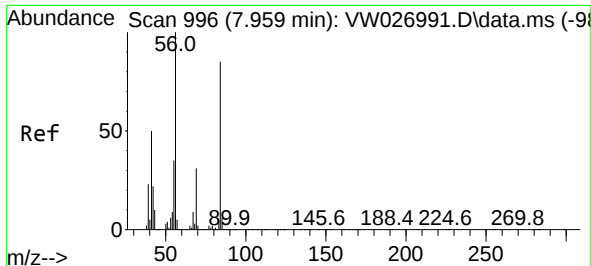
Tgt Ion: 83 Resp: 1928907
Ion Ratio Lower Upper
83 100
85 65.2 47.3 87.9



#27
1,2-Dichloroethane
Concen: 100.708 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

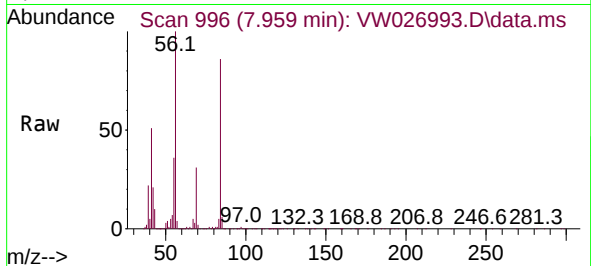
Tgt Ion: 62 Resp: 1227275
Ion Ratio Lower Upper
62 100
98 9.9 7.6 11.4





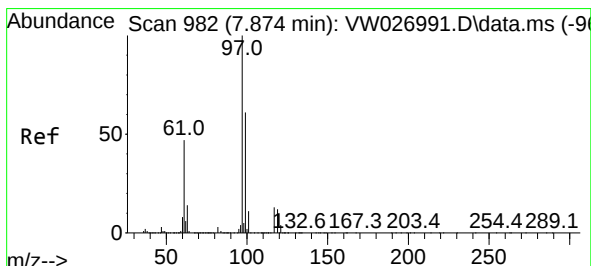
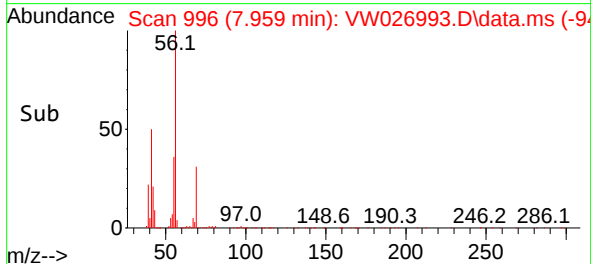
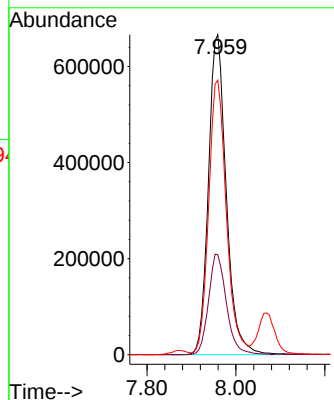
#29
Cyclohexane
Concen: 108.342 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 1858877

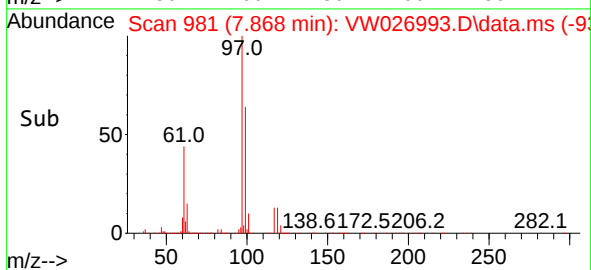
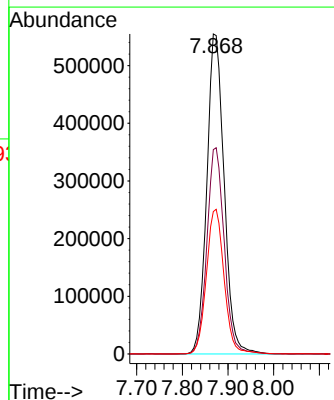
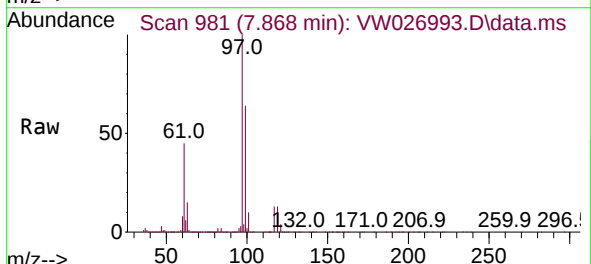
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.8	37.2
84	85.0	68.2	102.4

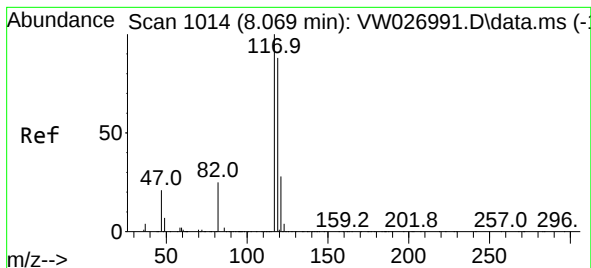


#30
1,1,1-Trichloroethane
Concen: 97.932 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion: 97 Resp: 1459834

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.8	76.2
61	46.2	37.6	56.4

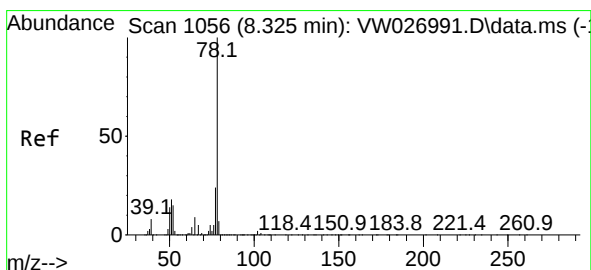
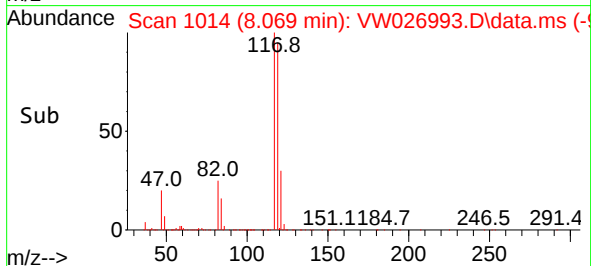
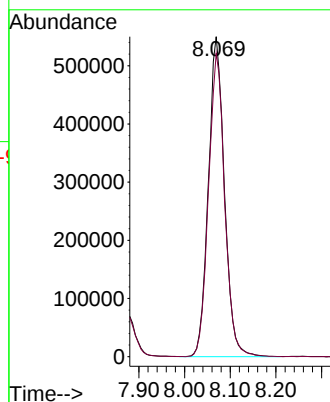
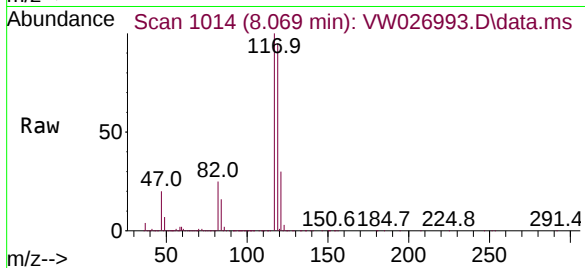




#31
Carbon tetrachloride
Concen: 101.129 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

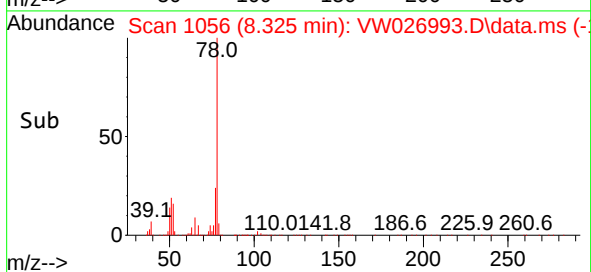
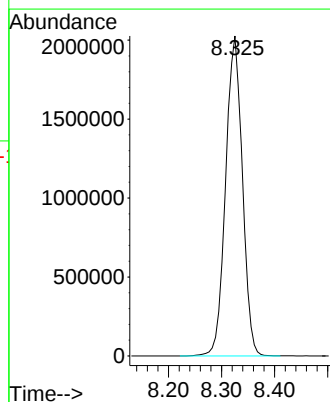
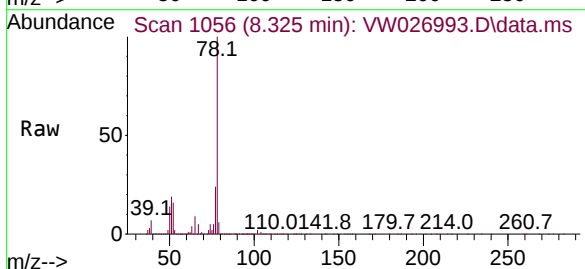
Instrument :
MSVOA_W
ClientSampleId :

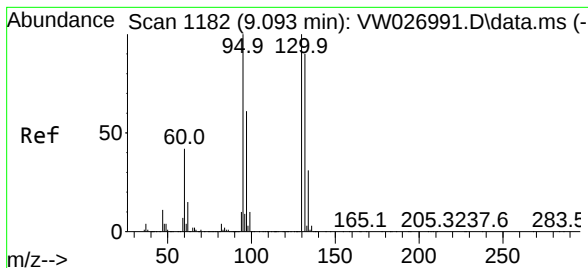
Tgt Ion:117 Resp: 1343586
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1



#33
Benzene
Concen: 98.687 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion: 78 Resp: 4441404





#34

Trichloroethene

Concen: 102.029 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

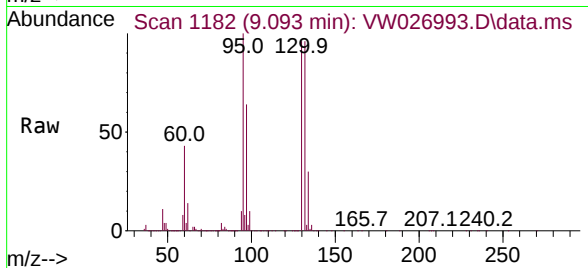
Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 1179831

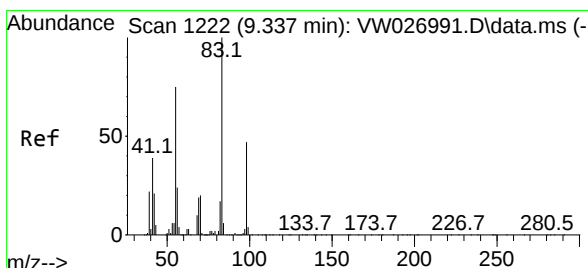
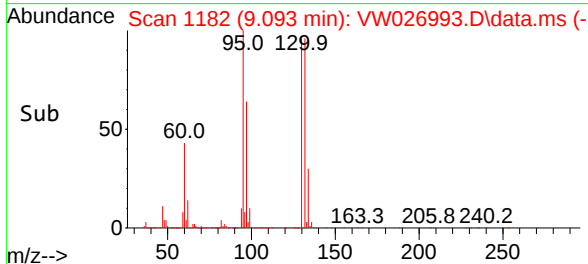
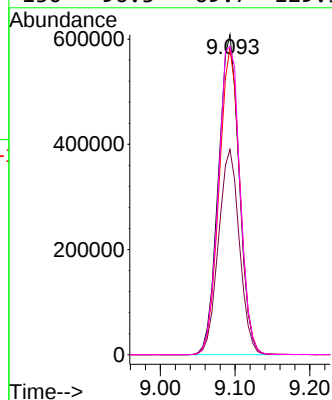
Ion Ratio Lower Upper

95 100

97 64.1 42.4 78.8

132 95.7 63.1 117.3

130 96.3 69.7 129.5



#35

Methylcyclohexane

Concen: 106.298 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

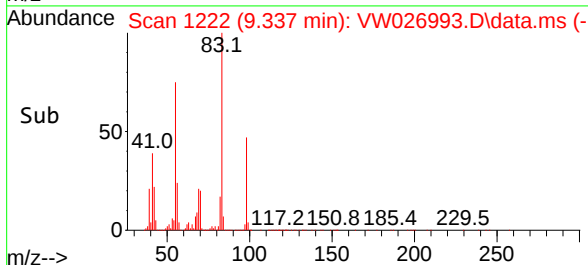
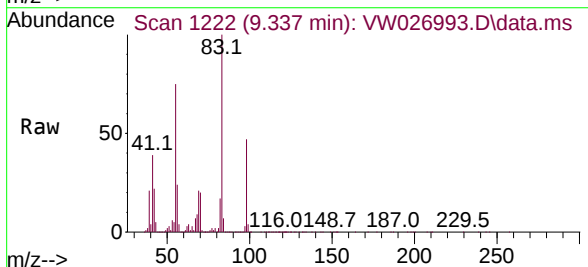
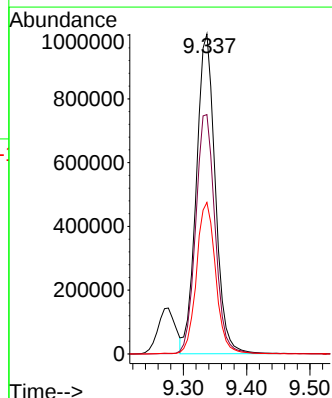
Tgt Ion: 83 Resp: 2088456

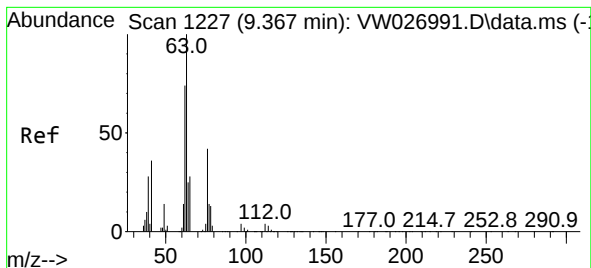
Ion Ratio Lower Upper

83 100

55 76.4 61.7 92.5

98 48.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 100.771 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

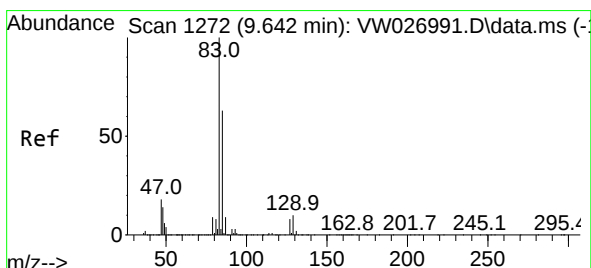
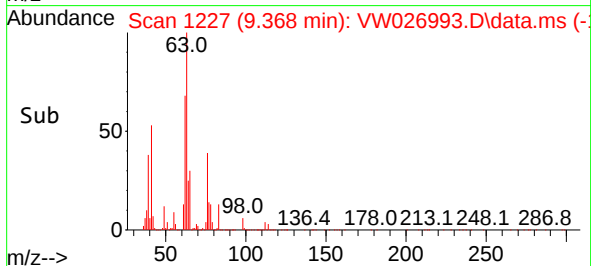
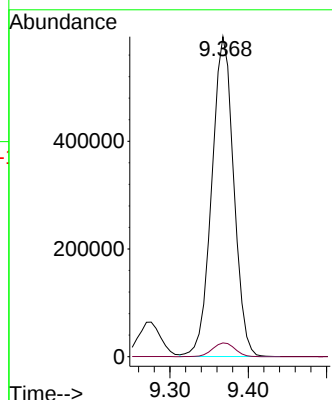
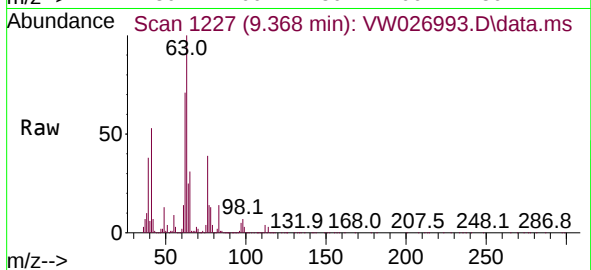
ClientSampleId :

Tgt Ion: 63 Resp: 1157342

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 102.646 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

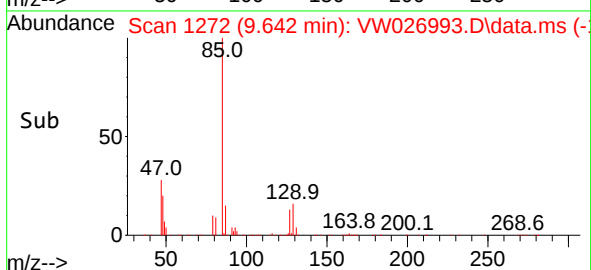
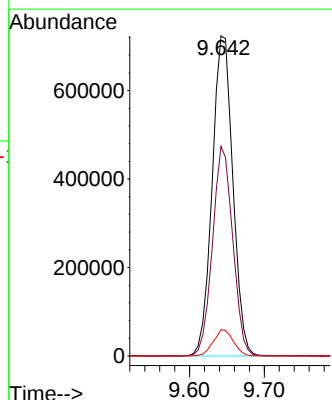
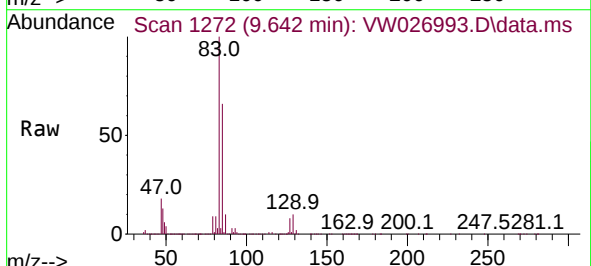
Tgt Ion: 83 Resp: 1388341

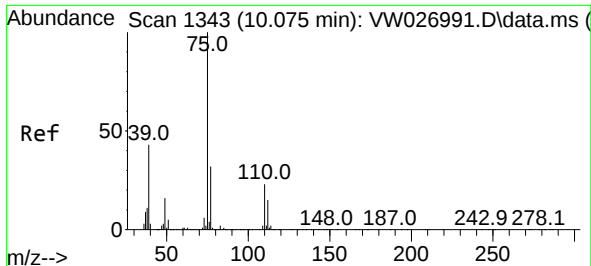
Ion Ratio Lower Upper

83 100

85 65.5 44.4 82.4

127 8.3 6.0 9.0

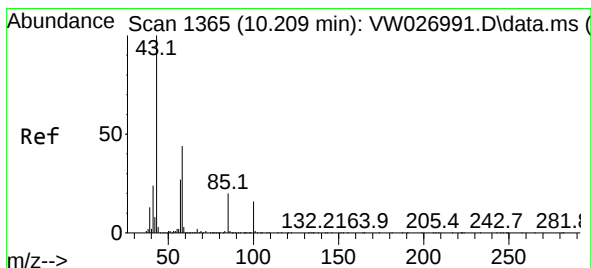
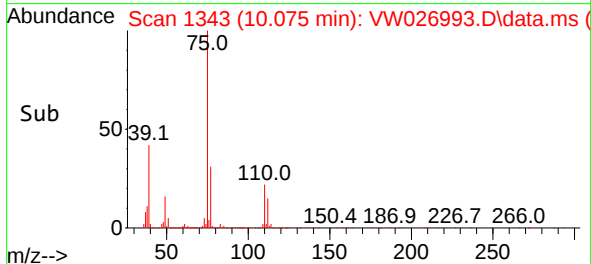
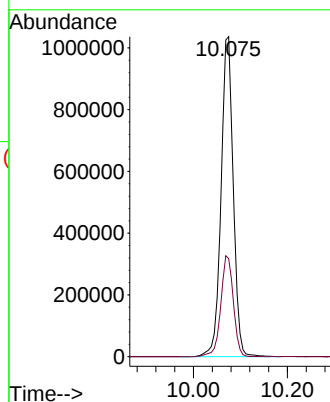
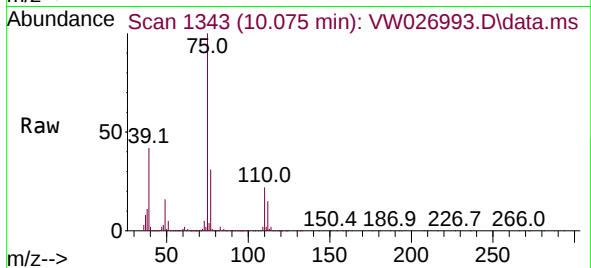




#39
cis-1,3-Dichloropropene
Concen: 110.013 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

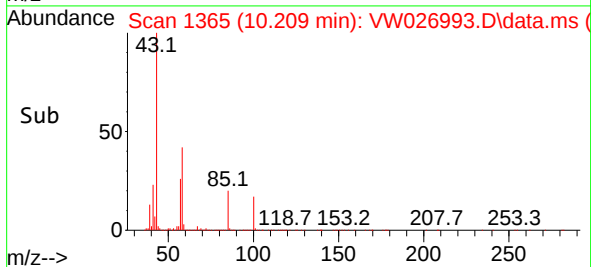
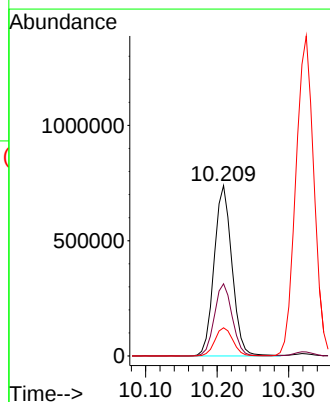
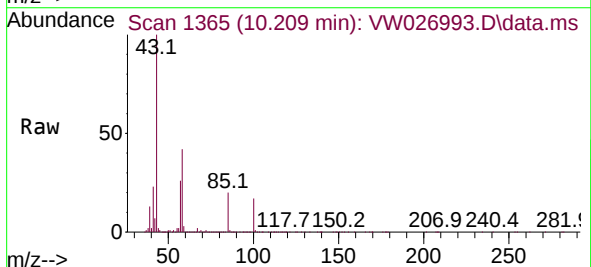
Instrument :
MSVOA_W
ClientSampleId :

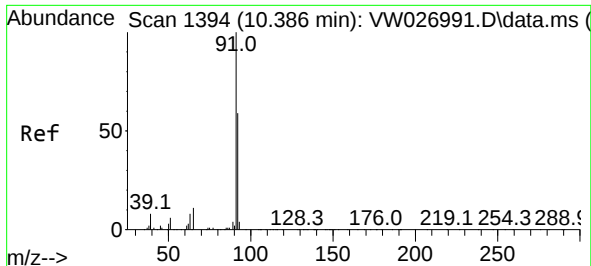
Tgt Ion: 75 Resp: 1876195
Ion Ratio Lower Upper
75 100
77 30.6 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 215.742 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion: 43 Resp: 1279197
Ion Ratio Lower Upper
43 100
58 42.5 33.4 50.2
100 16.8 13.0 19.4

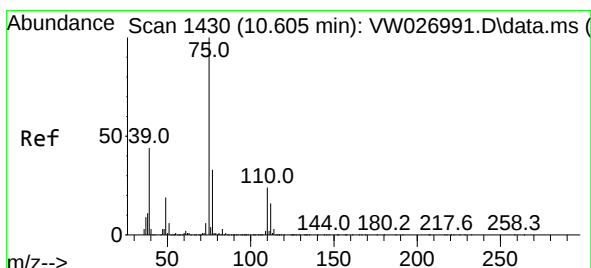
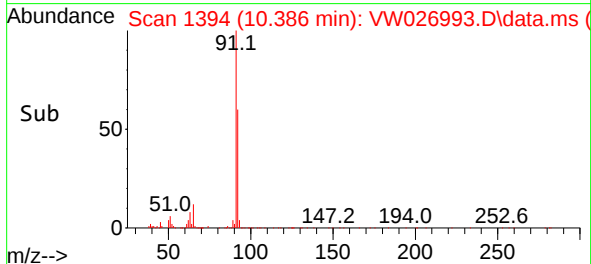
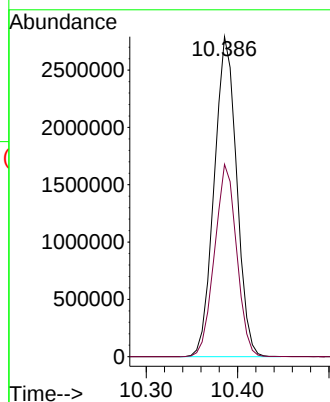
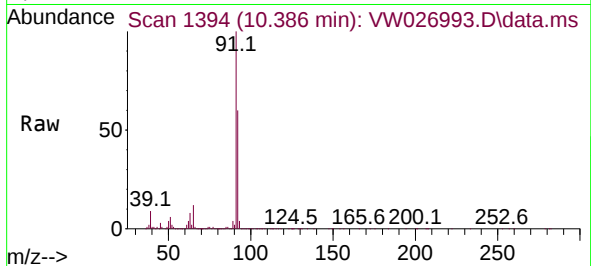




#42
Toluene
Concen: 102.683 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

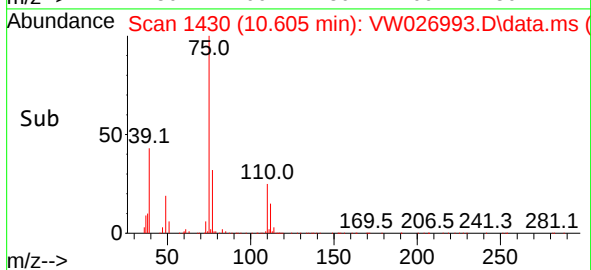
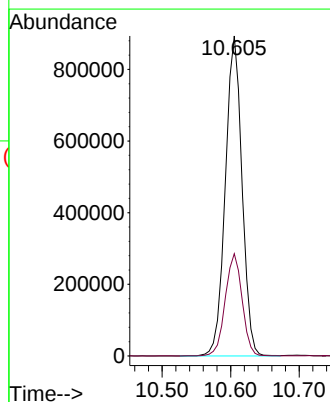
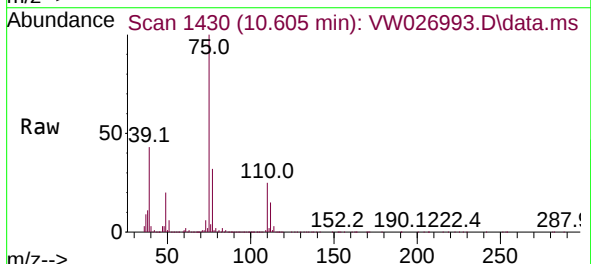
Instrument :
MSVOA_W
ClientSampleId :

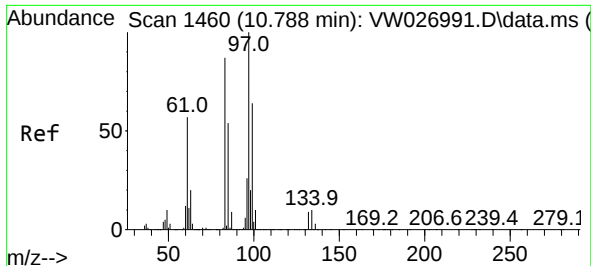
Tgt Ion: 91 Resp: 4755743
Ion Ratio Lower Upper
91 100
92 60.1 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 108.613 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion: 75 Resp: 1503756
Ion Ratio Lower Upper
75 100
77 32.0 23.0 42.6

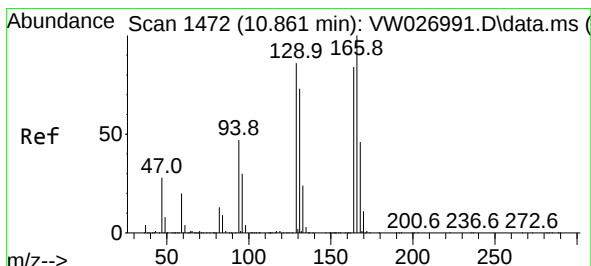
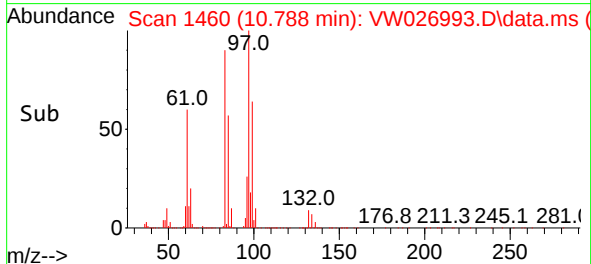
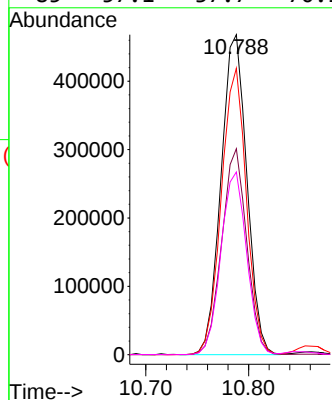
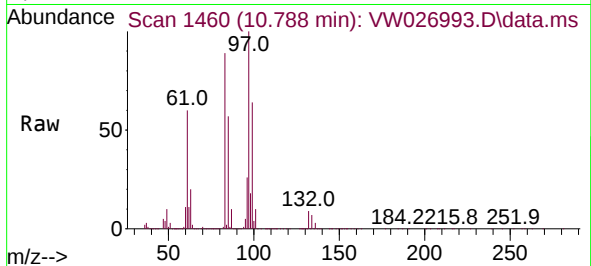




#45
1,1,2-Trichloroethane
Concen: 98.887 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

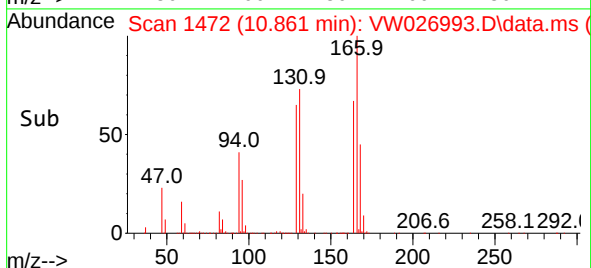
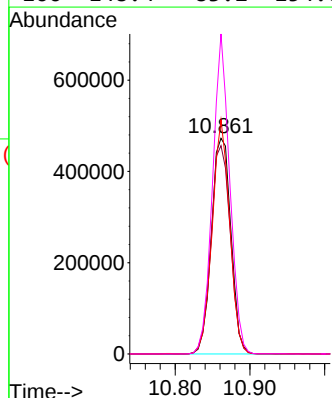
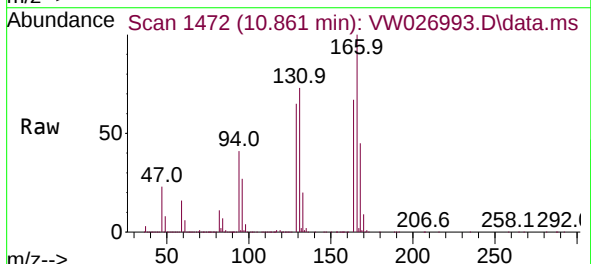
Instrument :
MSVOA_W
ClientSampleId :

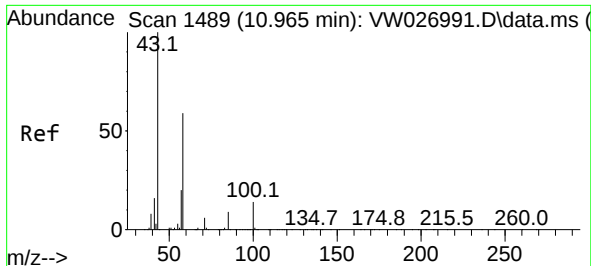
Tgt Ion:	97	Resp:	818143
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.7	82.9
83	89.5	60.9	113.1
85	57.1	37.7	70.1



#46
Tetrachloroethene
Concen: 96.989 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion:	164	Resp:	856126
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.4	132.6
131	108.6	60.8	113.0
166	148.4	83.2	154.6



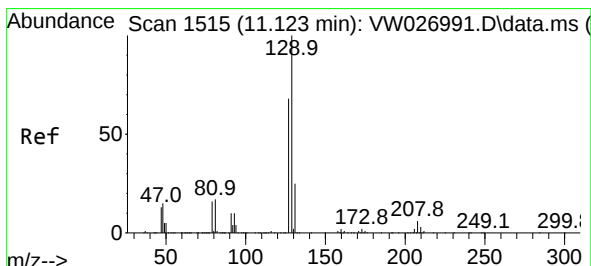
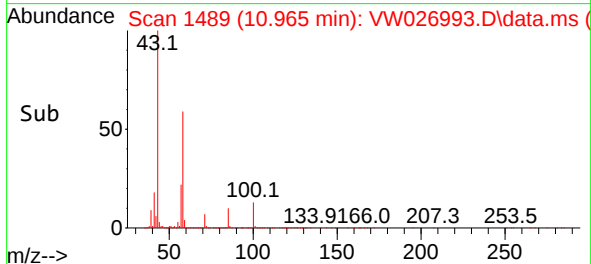
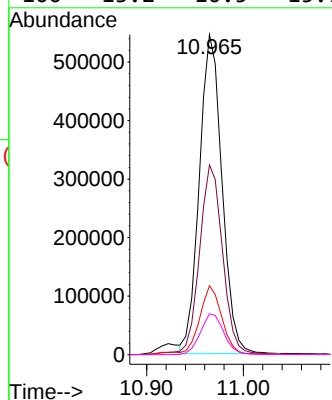
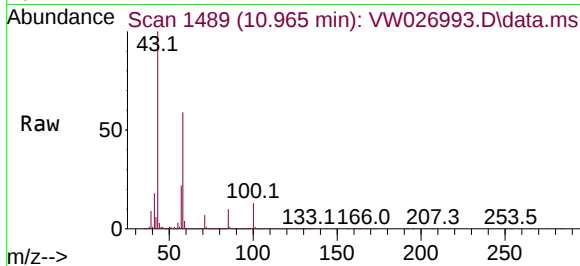


#48
2-Hexanone
Concen: 225.340 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 888872

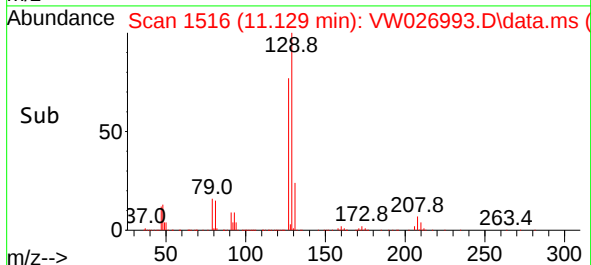
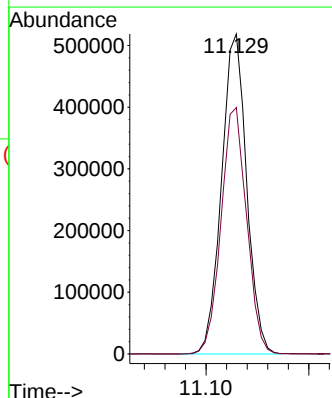
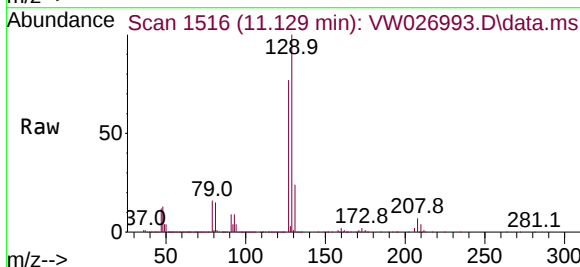
Ion	Ratio	Lower	Upper
43	100		
58	61.1	47.5	71.3
57	20.7	15.2	22.8
100	13.2	10.5	15.7

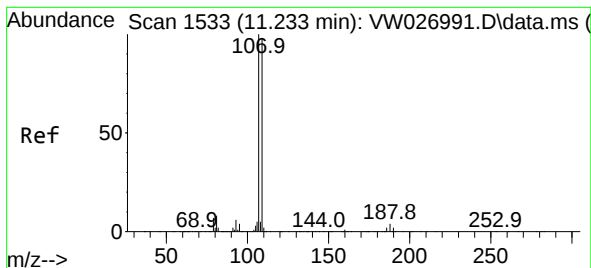


#49
Dibromochloromethane
Concen: 103.236 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion: 129 Resp: 879826

Ion	Ratio	Lower	Upper
129	100		
127	77.0	47.5	88.3





#50

1,2-Dibromoethane

Concen: 101.322 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :

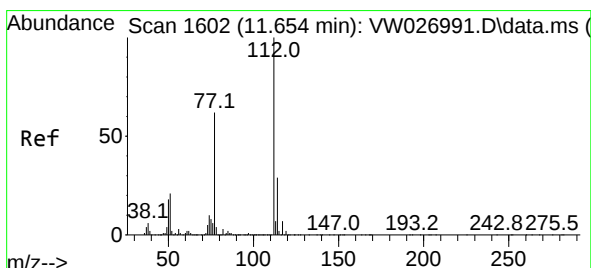
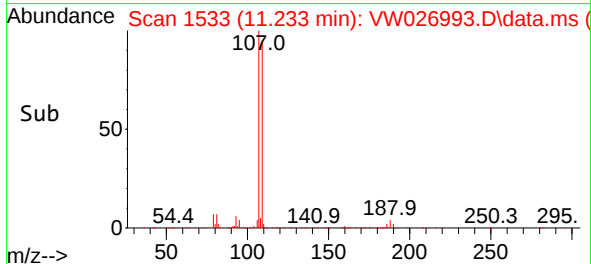
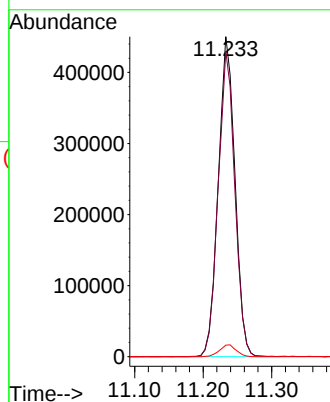
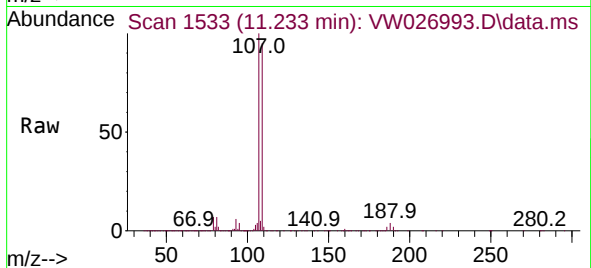
Tgt Ion:107 Resp: 758928

Ion Ratio Lower Upper

107 100

109 95.4 68.5 127.1

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 100.531 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

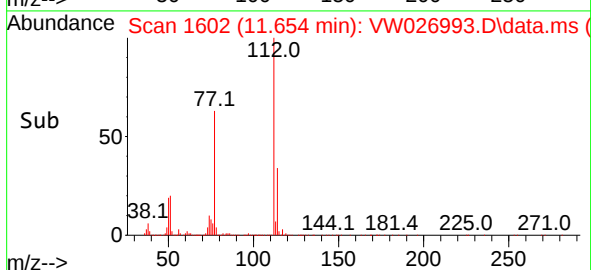
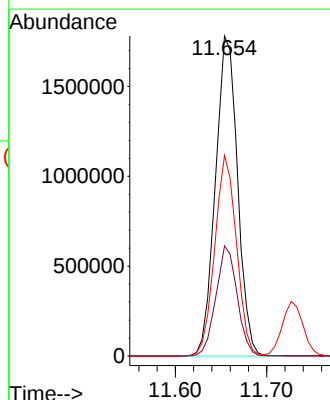
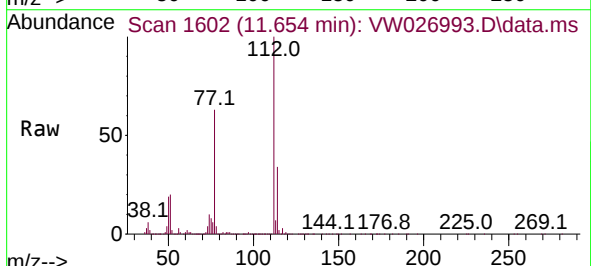
Tgt Ion:112 Resp: 2999038

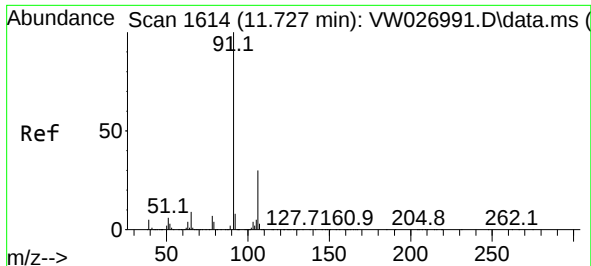
Ion Ratio Lower Upper

112 100

114 34.4 20.5 38.1

77 62.7 49.5 74.3

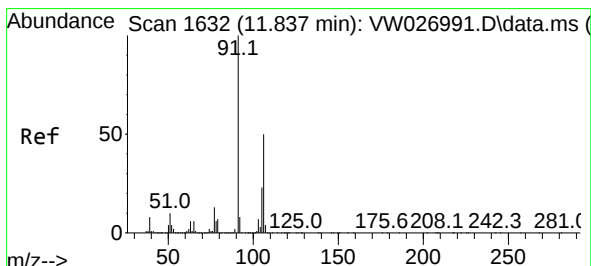
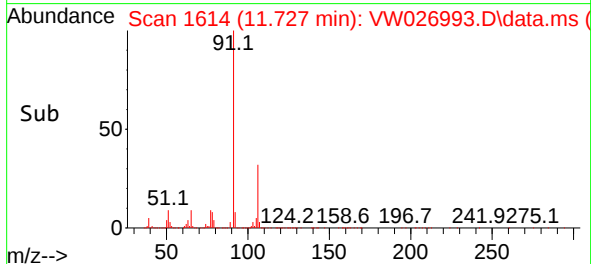
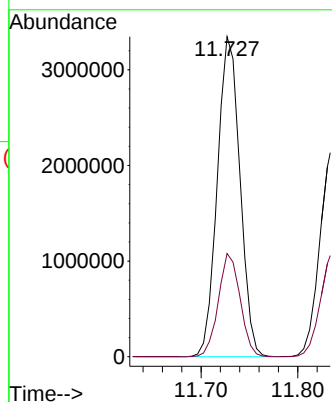
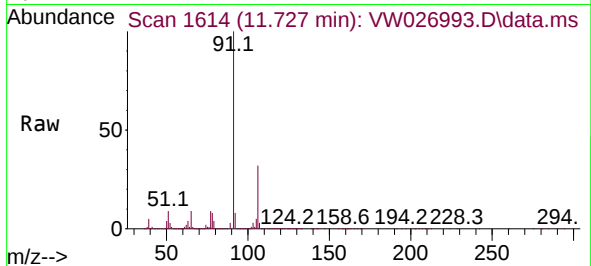




#52
Ethylbenzene
Concen: 105.802 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

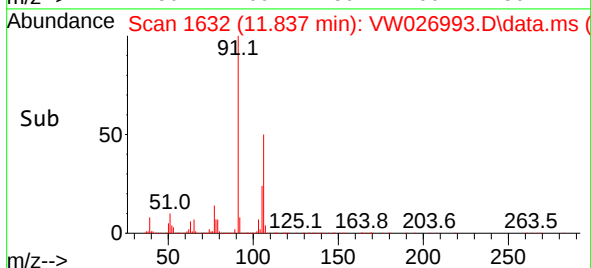
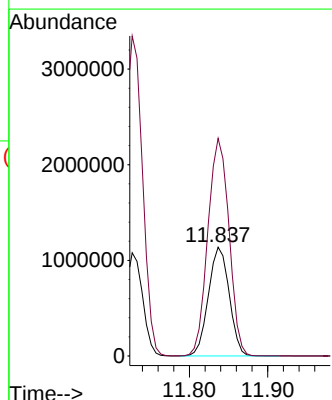
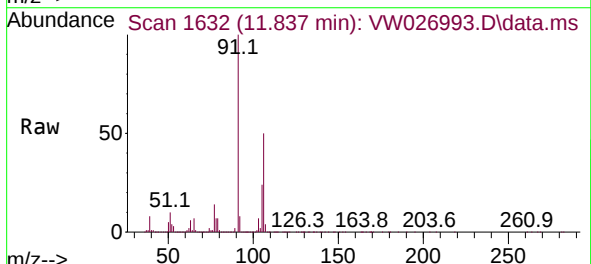
Instrument :
MSVOA_W
ClientSampleId :

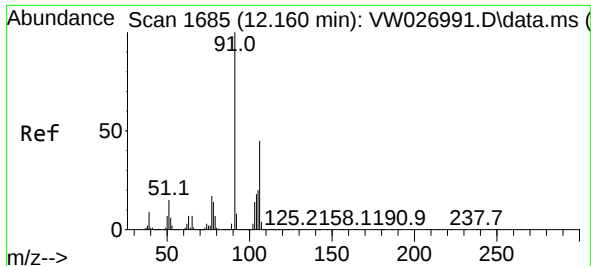
Tgt Ion: 91 Resp: 5432411
Ion Ratio Lower Upper
91 100
106 32.2 21.1 39.3



#53
m,p-Xylene
Concen: 107.950 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion:106 Resp: 2096667
Ion Ratio Lower Upper
106 100
91 199.9 139.6 259.2

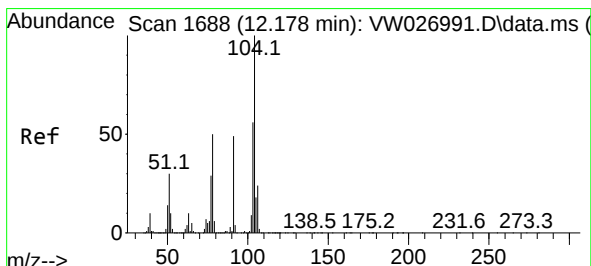
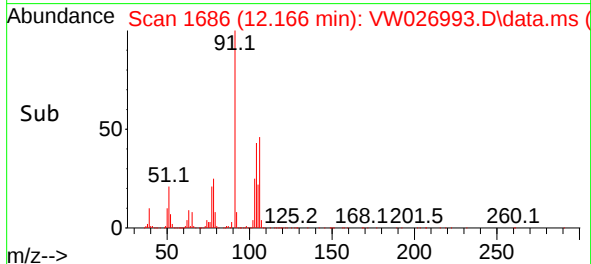
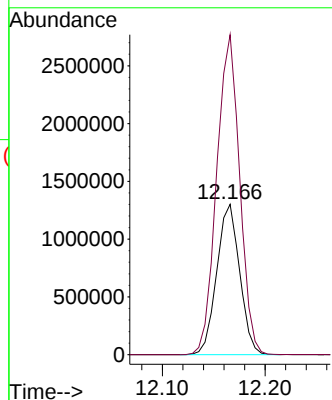
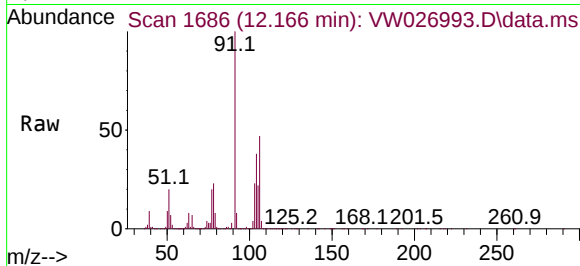




#54
o-Xylene
Concen: 110.715 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

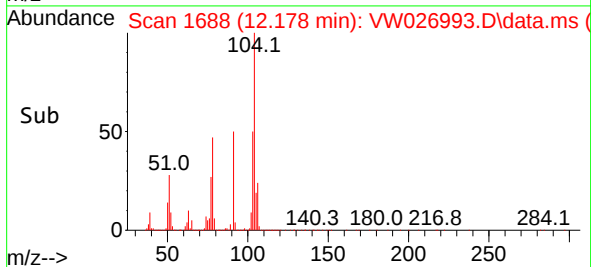
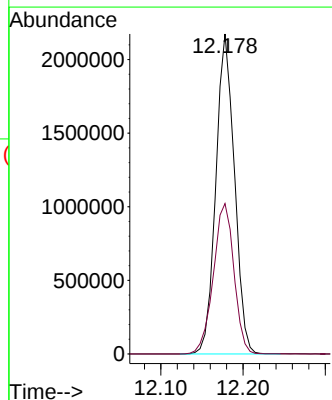
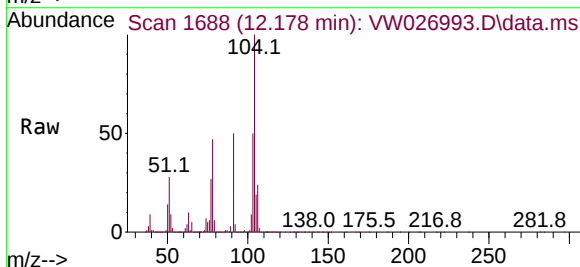
Instrument :
MSVOA_W
ClientSampleId :

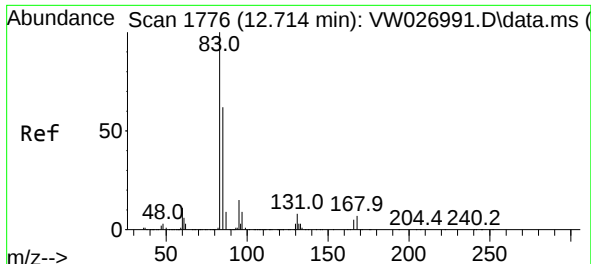
Tgt Ion:106 Resp: 2012069
Ion Ratio Lower Upper
106 100
91 212.9 154.0 286.0



#55
Styrene
Concen: 110.203 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion:104 Resp: 3418055
Ion Ratio Lower Upper
104 100
78 47.0 35.2 65.4





#57

1,1,2,2-Tetrachloroethane

Concen: 101.435 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :

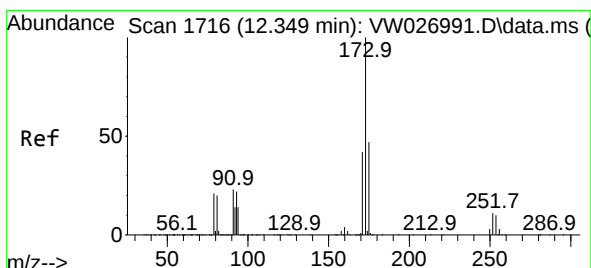
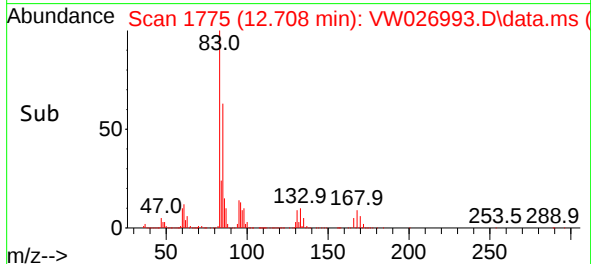
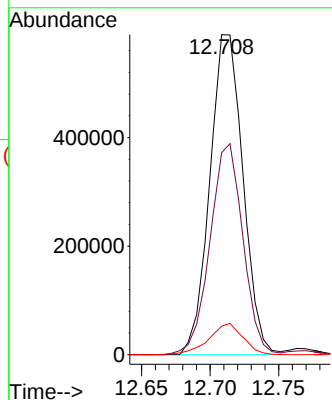
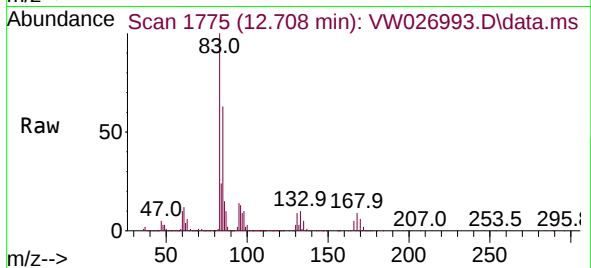
Tgt Ion: 83 Resp: 993021

Ion Ratio Lower Upper

83 100

85 63.1 44.1 81.9

131 8.9 7.2 10.8



#59

Bromoform

Concen: 104.576 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

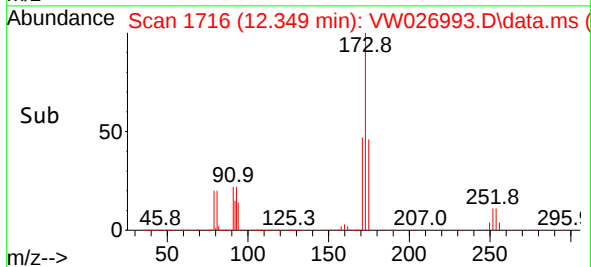
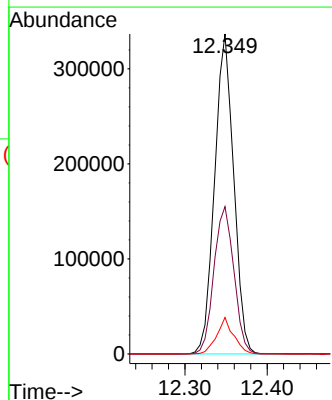
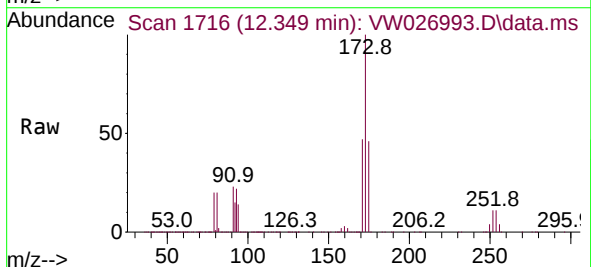
Tgt Ion:173 Resp: 543697

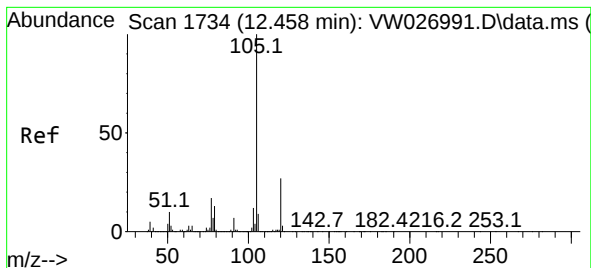
Ion Ratio Lower Upper

173 100

175 48.1 36.6 54.8

254 10.1 8.5 12.7





#60

Isopropylbenzene

Concen: 107.847 ug/L

RT: 12.465 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :

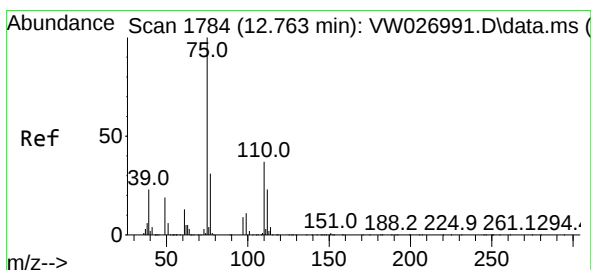
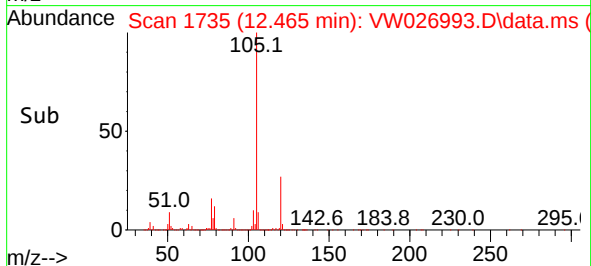
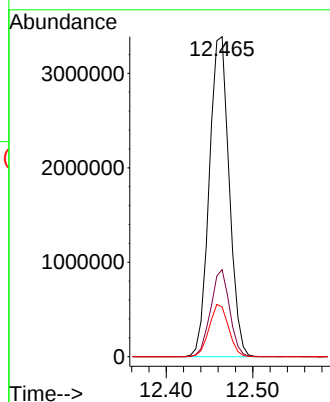
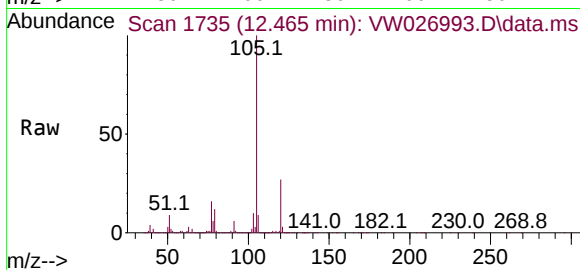
Tgt Ion:105 Resp: 5400995

Ion Ratio Lower Upper

105 100

120 26.0 21.4 32.0

77 15.9 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 98.785 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

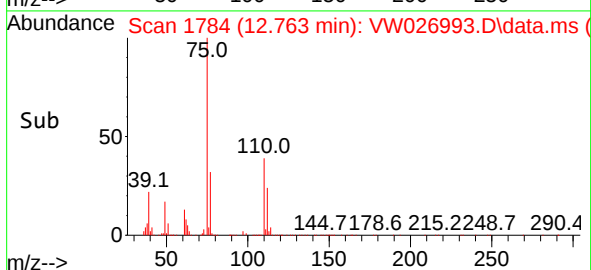
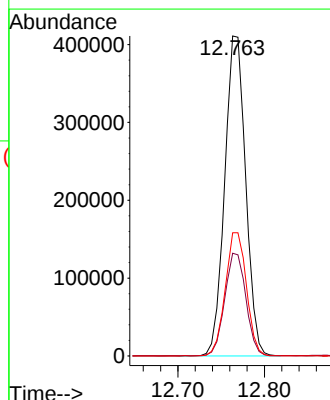
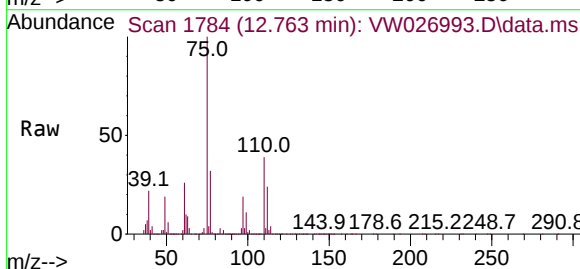
Tgt Ion: 75 Resp: 690860

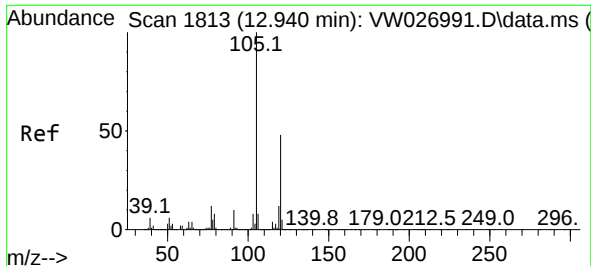
Ion Ratio Lower Upper

75 100

77 32.4 26.3 39.5

110 39.0 30.5 45.7

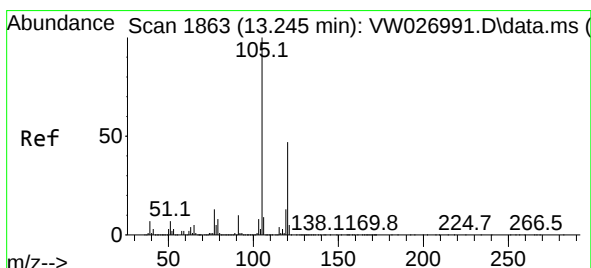
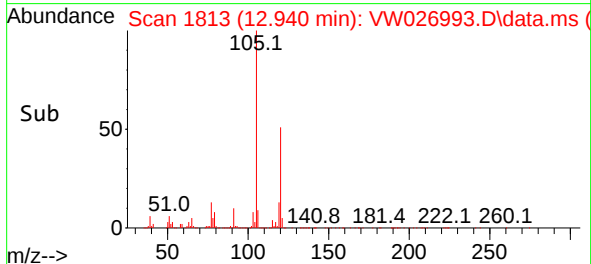
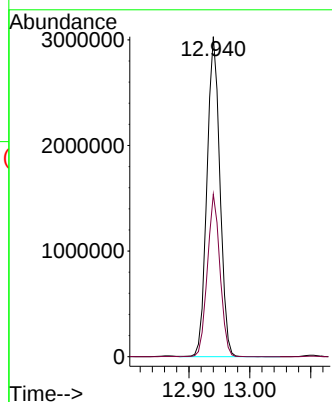
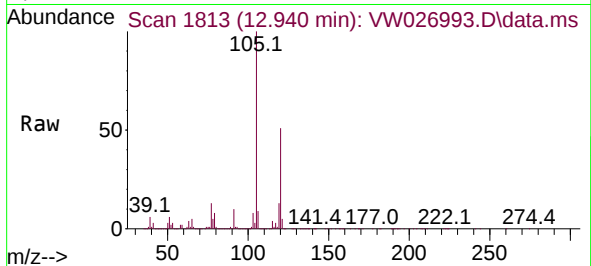




#62
1,3,5-Trimethylbenzene
Concen: 112.090 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

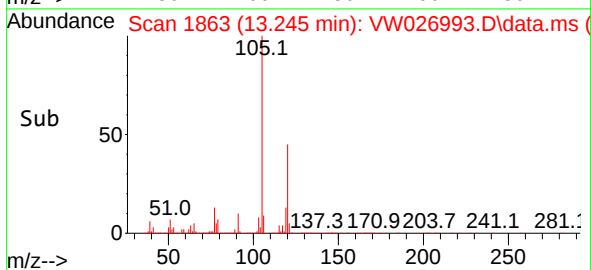
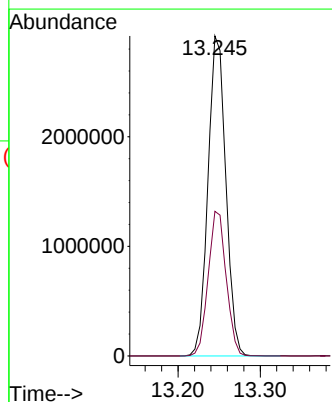
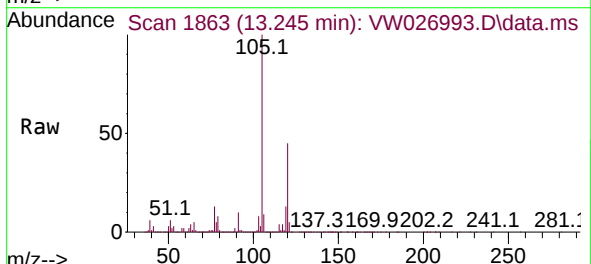
Instrument :
MSVOA_W
ClientSampleId :

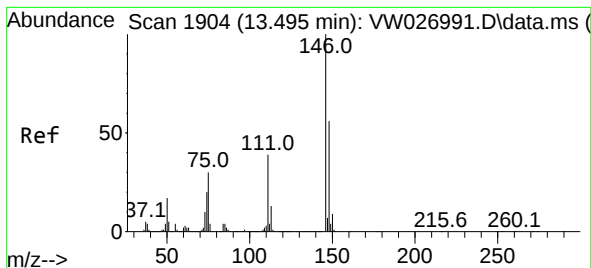
Tgt Ion:105 Resp: 4479417
Ion Ratio Lower Upper
105 100
120 49.4 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 112.461 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026993.D
Acq: 05 Sep 2023 11:35

Tgt Ion:105 Resp: 4393891
Ion Ratio Lower Upper
105 100
120 45.7 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 97.522 ug/L

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :

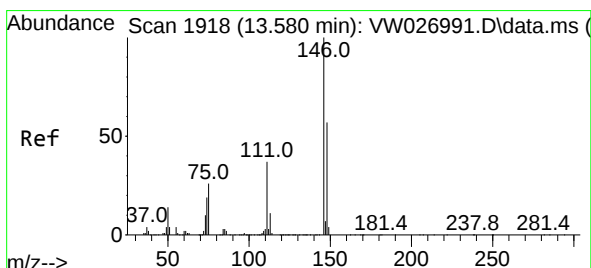
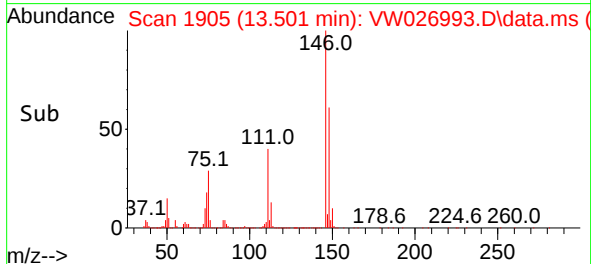
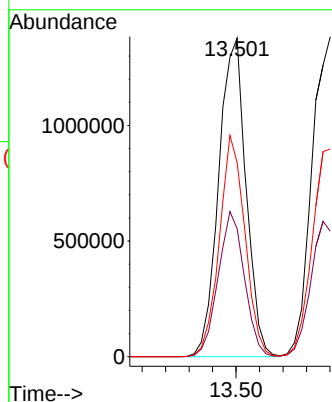
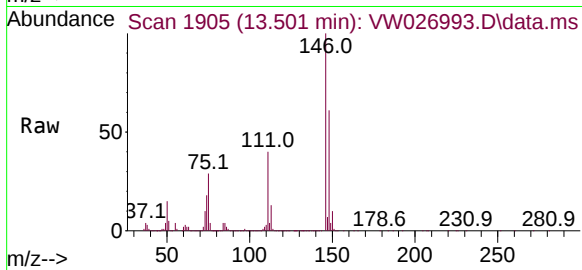
Tgt Ion:146 Resp: 2221812

Ion Ratio Lower Upper

146 100

111 40.1 26.9 50.1

148 60.8 39.2 72.8



#65

1,4-Dichlorobenzene

Concen: 97.193 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

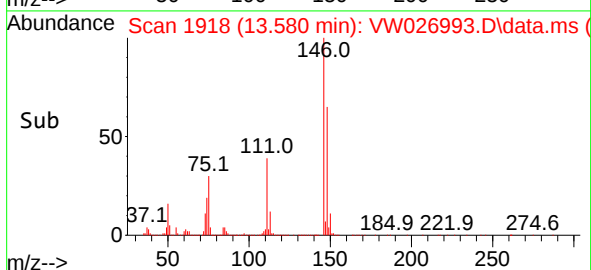
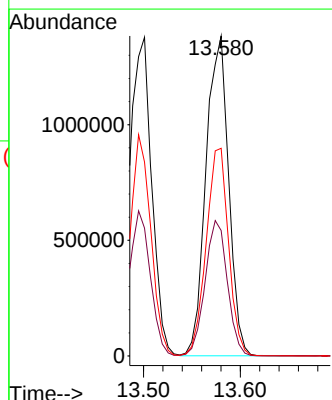
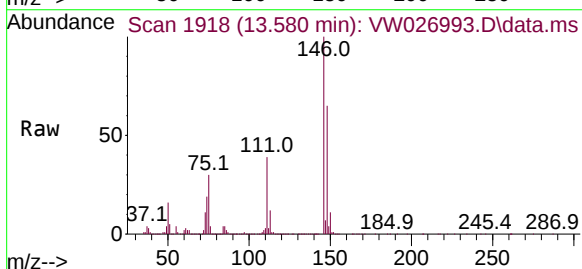
Tgt Ion:146 Resp: 2250351

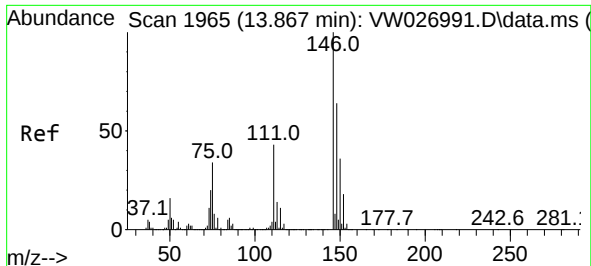
Ion Ratio Lower Upper

146 100

111 39.2 25.8 47.8

148 64.9 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 100.615 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :

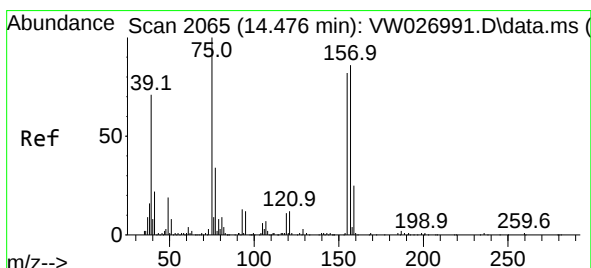
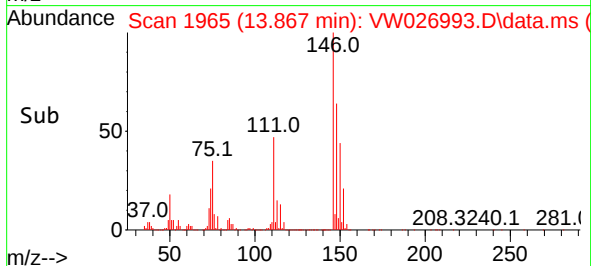
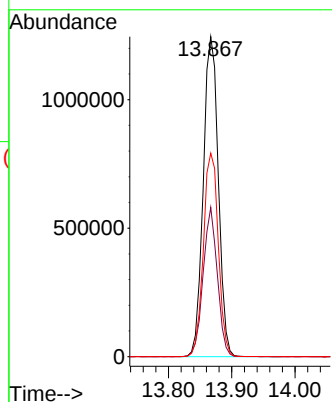
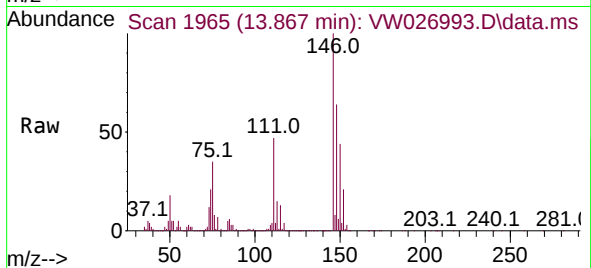
Tgt Ion:146 Resp: 2065294

Ion Ratio Lower Upper

146 100

111 46.7 34.0 51.0

148 63.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 96.122 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

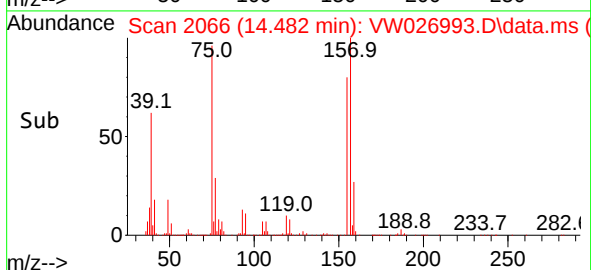
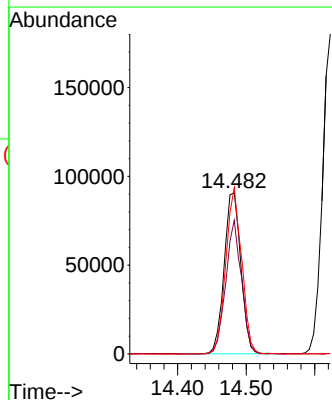
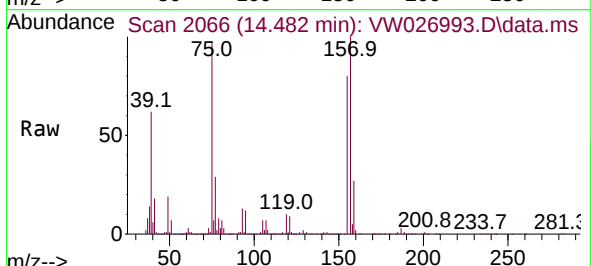
Tgt Ion: 75 Resp: 152441

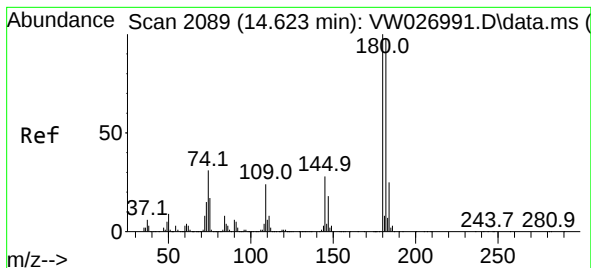
Ion Ratio Lower Upper

75 100

155 82.9 65.9 98.9

157 103.2 68.7 103.1#





#69

1,3,5-Trichlorobenzene

Concen: 102.441 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

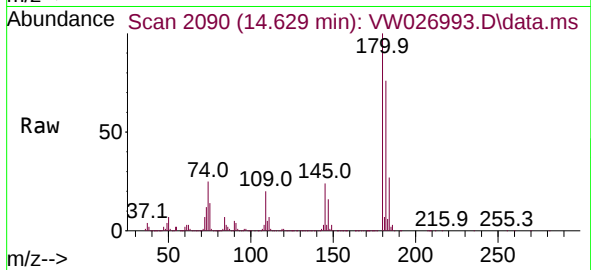
Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 1621236

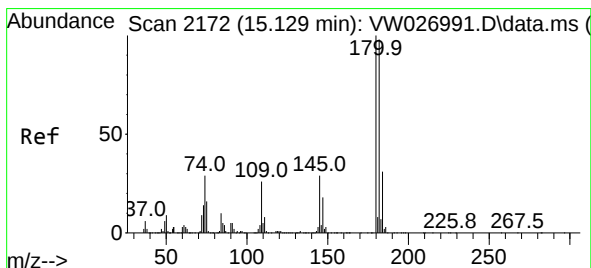
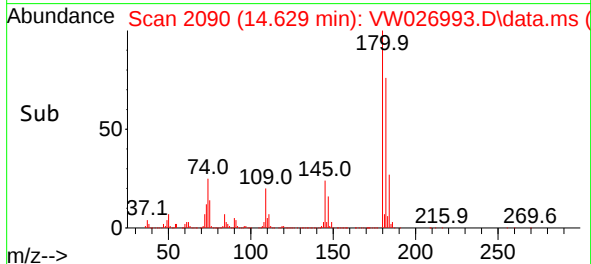
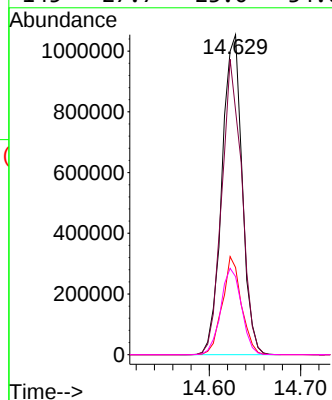
Ion Ratio Lower Upper

180 100

182 91.0 73.6 110.4

184 28.9 23.6 35.4

145 27.7 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 110.750 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

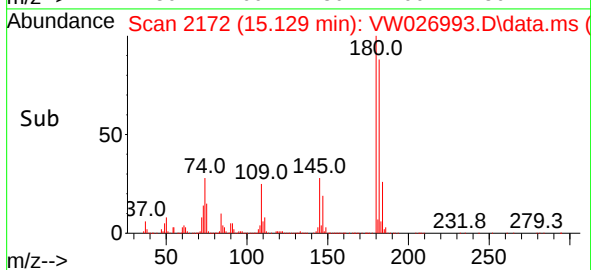
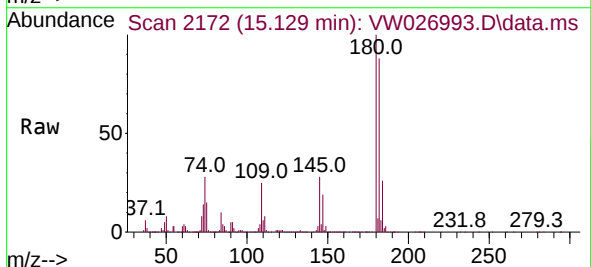
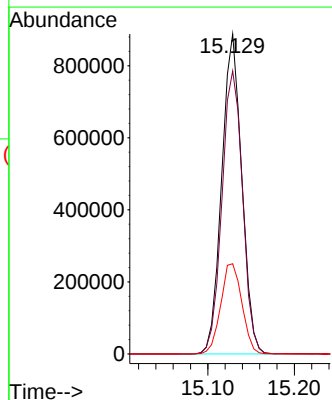
Tgt Ion:180 Resp: 1427084

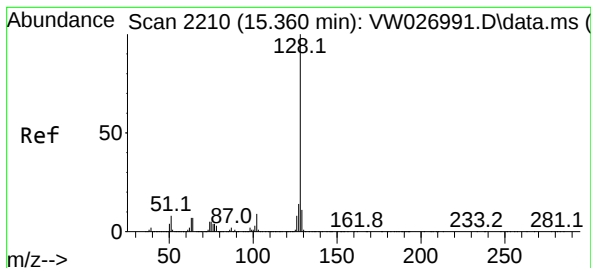
Ion Ratio Lower Upper

180 100

182 90.9 81.0 121.6

145 29.8 24.8 37.2





#71

Naphthalene

Concen: 117.852 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Instrument :

MSVOA_W

ClientSampleId :

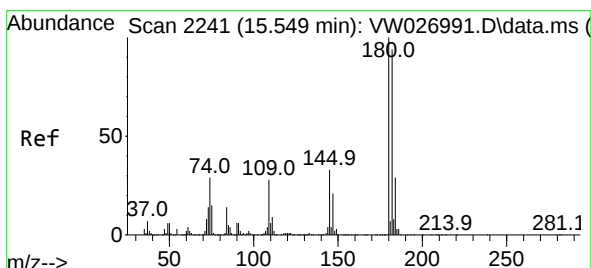
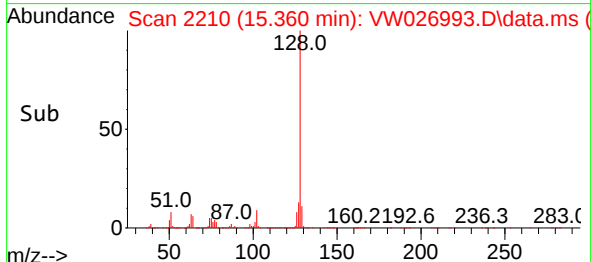
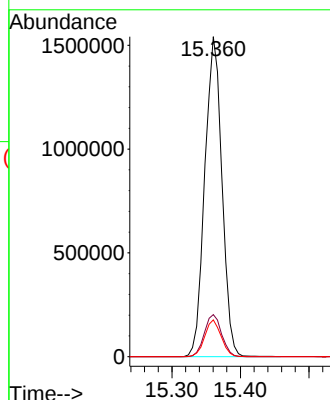
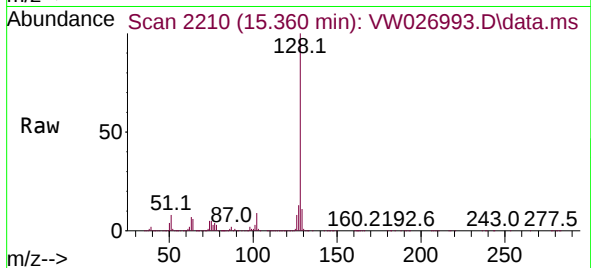
Tgt Ion:128 Resp: 2687099

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 101.527 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026993.D

Acq: 05 Sep 2023 11:35

Tgt Ion:180 Resp: 1185946

Ion Ratio Lower Upper

180 100

182 97.0 76.2 114.4

145 33.0 25.6 38.4

