

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027120.D
 Acq On : 18 Sep 2023 11:29
 Operator : SY/MD
 Sample : VSTD05037
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:11:40 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	497223	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	481021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	283939	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	378831	47.352	ug/L	0.00
7) Chloroethane-d5	2.899	69	292490	47.344	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	168699	49.185	ug/L	0.00
21) 2-Butanone-d5	7.075	46	158503	109.466	ug/L	0.00
24) Chloroform-d	7.648	84	735796	49.256	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	360529	49.463	ug/L	0.00
32) Benzene-d6	8.276	84	1585858	51.050	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	440293	50.090	ug/L	0.00
41) Toluene-d8	10.325	98	1489108	53.860	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	189942	53.474	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	131743	127.554	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	368755	52.358	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	528741	52.144	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	274482	47.381	ug/L	94
3) Chloromethane	2.229	50	316754	52.191	ug/L	100
5) Vinyl chloride	2.375	62	411670	49.850	ug/L	99
6) Bromomethane	2.789	94	286075	49.882	ug/L	100
8) Chloroethane	2.930	64	244208	50.710	ug/L	92
9) Trichlorofluoromethane	3.265	101	340452	53.088	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	380918	51.550	ug/L	95
12) 1,1-Dichloroethene	4.039	96	373205	51.465	ug/L	95
13) Acetone	4.125	43	133375	95.305	ug/L	100
14) Carbon disulfide	4.387	76	1242165	51.384	ug/L	100
15) Methyl Acetate	4.667	43	142787	51.673	ug/L	100
16) Methylene chloride	4.923	84	408673	43.201	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	412644	52.442	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	581049	55.571	ug/L	98
19) 1,1-Dichloroethane	6.216	63	695902	50.429	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	439975	53.159	ug/L	98
22) 2-Butanone	7.167	43	198092	106.744	ug/L	100
23) Bromochloromethane	7.514	128	190572	50.013	ug/L	96
25) Chloroform	7.679	83	707269	49.904	ug/L	100
27) 1,2-Dichloroethane	8.398	62	440368	51.277	ug/L	98
29) Cyclohexane	7.959	56	662653	57.555	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	578680	50.904	ug/L	98
31) Carbon tetrachloride	8.069	117	520836	51.700	ug/L	99
33) Benzene	8.325	78	1664367	52.387	ug/L	100
34) Trichloroethene	9.093	95	426514	50.799	ug/L	96
35) Methylcyclohexane	9.337	83	806704	56.328	ug/L	99
37) 1,2-Dichloropropane	9.368	63	406423	51.512	ug/L	100
38) Bromodichloromethane	9.642	83	497843	51.597	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	665069	56.274	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	409162	115.633	ug/L	99
42) Toluene	10.386	91	1821542	54.259	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	551759	55.630	ug/L	97

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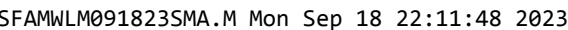
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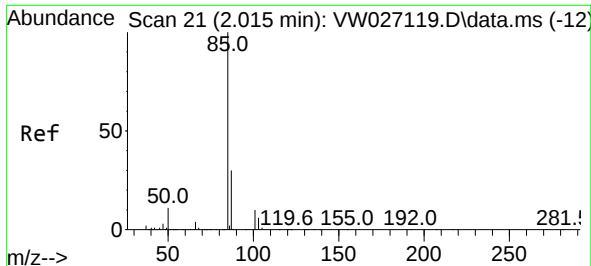
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 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:09:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	310999	51.229	ug/L	97
46) Tetrachloroethene	10.861	164	365339	51.625	ug/L	89
48) 2-Hexanone	10.965	43	291891	117.166	ug/L	98
49) Dibromochloromethane	11.129	129	332491	52.334	ug/L	92
50) 1,2-Dibromoethane	11.233	107	296295	53.181	ug/L	93
51) Chlorobenzene	11.654	112	1159958	52.356	ug/L	96
52) Ethylbenzene	11.727	91	2006842	54.505	ug/L	97
53) m,p-Xylene	11.837	106	792736	56.141	ug/L	99
54) o-Xylene	12.166	106	774399	57.569	ug/L	98
55) Styrene	12.178	104	1327491	57.594	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	374407	52.638	ug/L	95
59) Bromoform	12.349	173	210228	51.108	ug/L	96
60) Isopropylbenzene	12.458	105	2084400	54.793	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	264691	49.984	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1739439	57.137	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1669357	56.594	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	912608	50.732	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	934550	49.986	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	849012	51.637	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	57947	49.414	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	640616	49.472	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	540384	52.656	ug/L	98
71) Naphthalene	15.360	128	998740	58.500	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	480938	51.911	ug/L	97

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

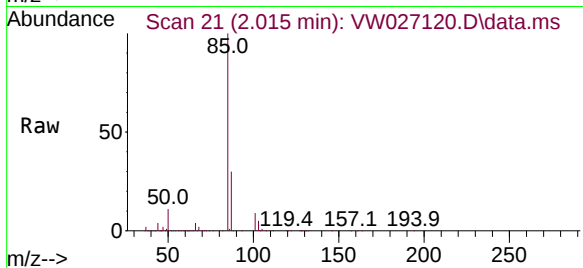
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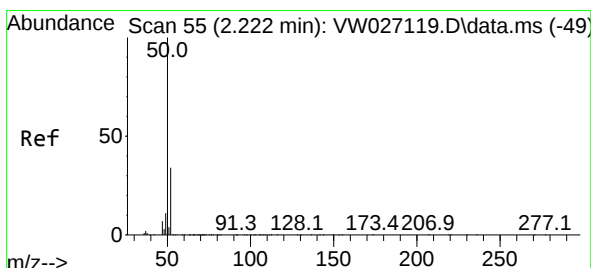
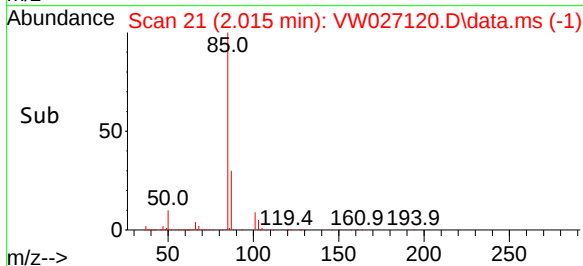
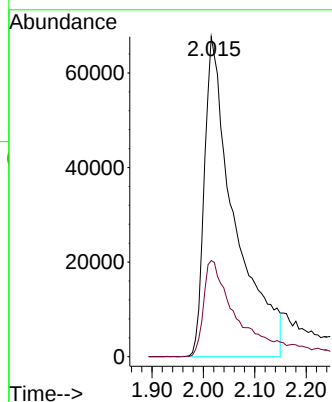


#2
Dichlorodifluoromethane
Concen: 47.381 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

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ClientSampleId :

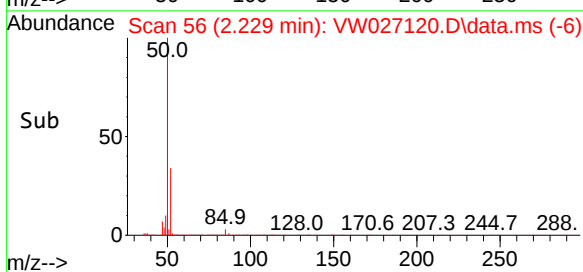
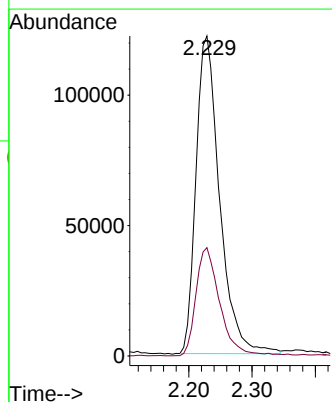
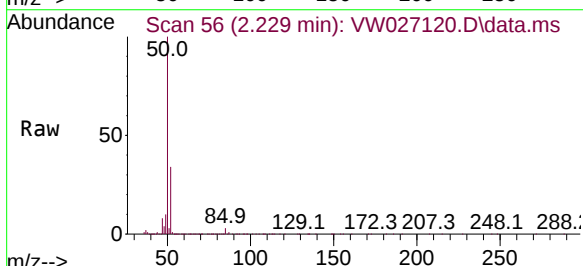


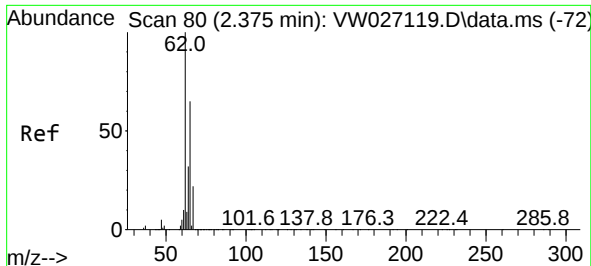
Tgt Ion: 85 Resp: 274482
Ion Ratio Lower Upper
85 100
87 25.9 18.5 27.7



#3
Chloromethane
Concen: 52.191 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

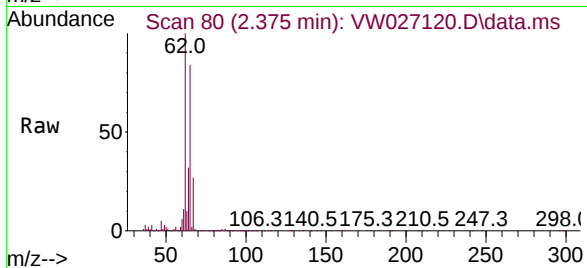
Tgt Ion: 50 Resp: 316754
Ion Ratio Lower Upper
50 100
52 33.8 23.8 44.2



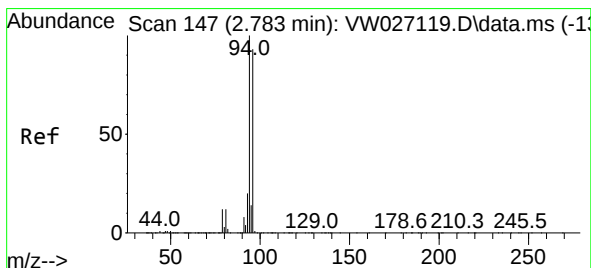
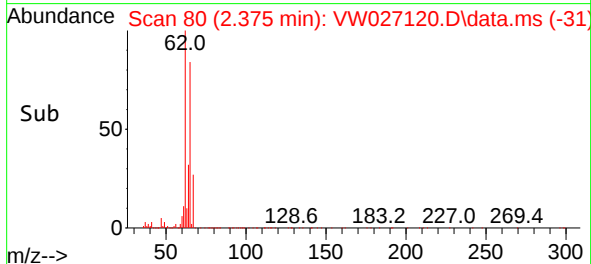
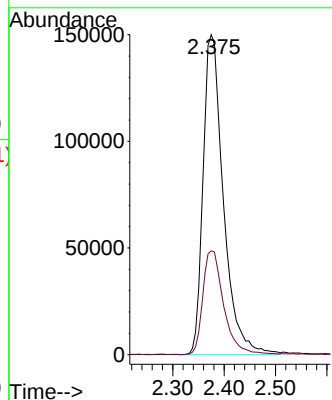


#5
 Vinyl chloride
 Concen: 49.850 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027120.D
 Acq: 18 Sep 2023 11:29

Instrument :
 MSVOA_W
 ClientSampleId :

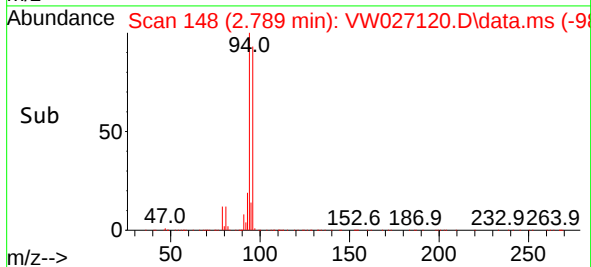
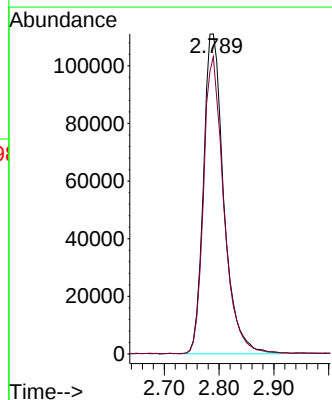
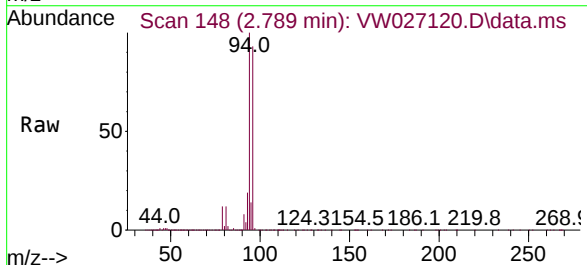


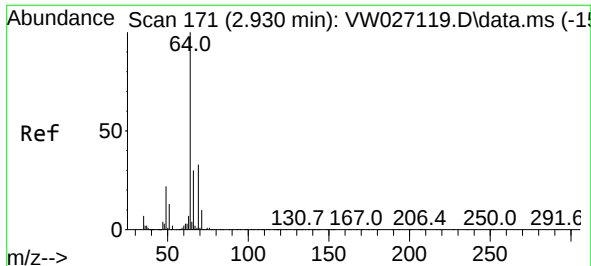
Tgt Ion: 62 Resp: 411670
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.5 41.7



#6
 Bromomethane
 Concen: 49.882 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027120.D
 Acq: 18 Sep 2023 11:29

Tgt Ion: 94 Resp: 286075
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.0 120.8

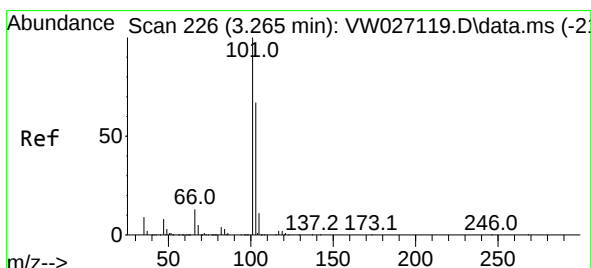
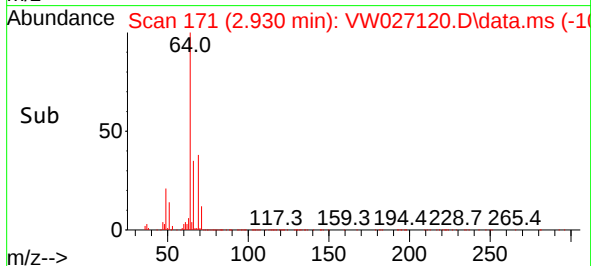
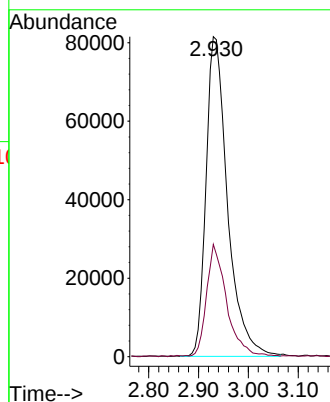
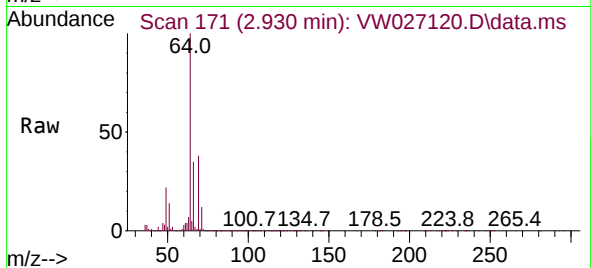




#8
Chloroethane
Concen: 50.710 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

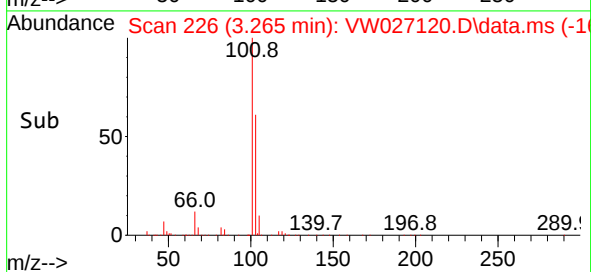
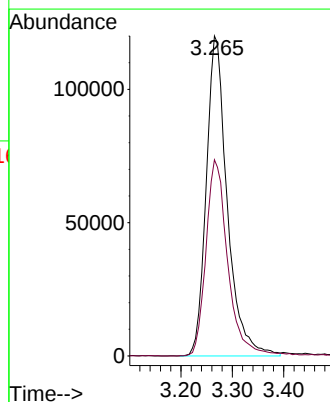
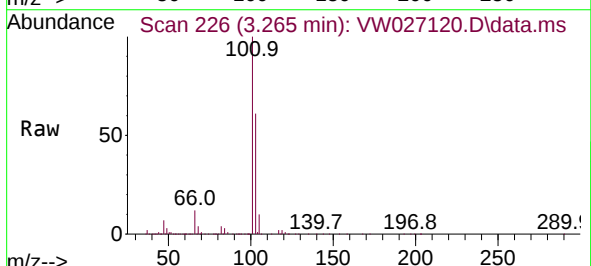
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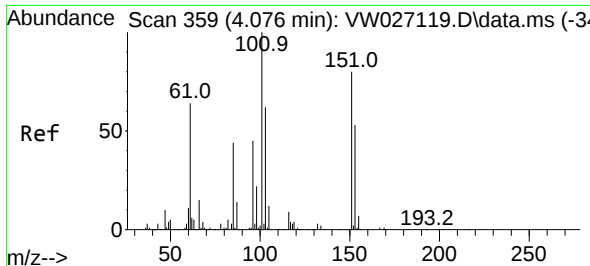
Tgt Ion: 64 Resp: 244208
Ion Ratio Lower Upper
64 100
66 35.1 21.3 39.6



#9
Trichlorofluoromethane
Concen: 53.088 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion: 101 Resp: 340452
Ion Ratio Lower Upper
101 100
103 63.4 50.9 76.3

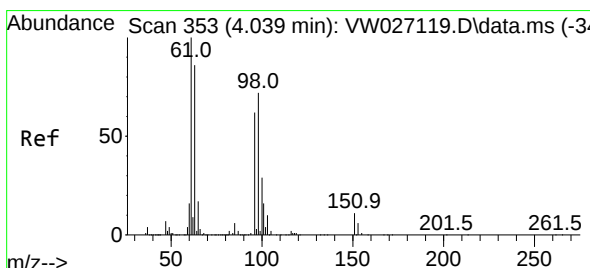
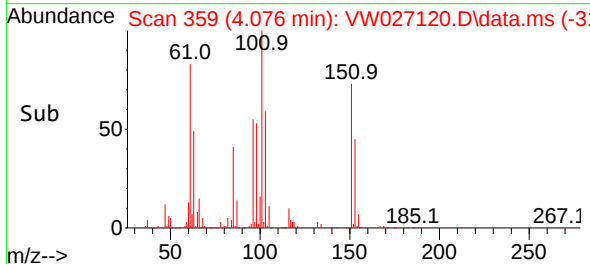
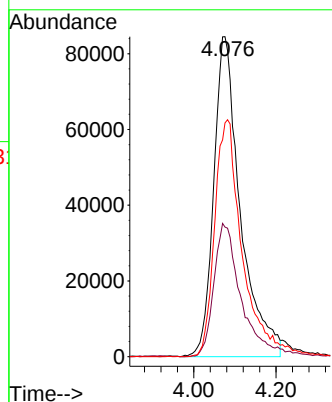
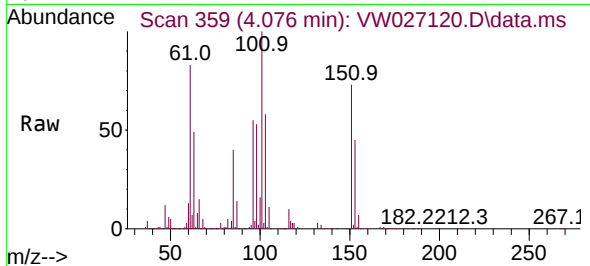




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.550 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027120.D
 Acq: 18 Sep 2023 11:29

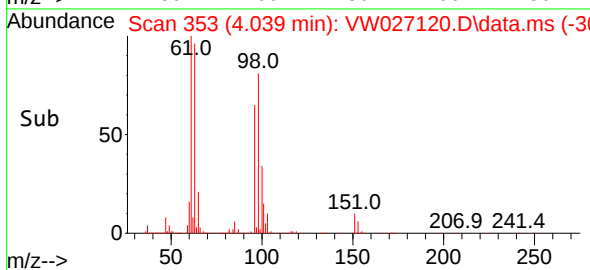
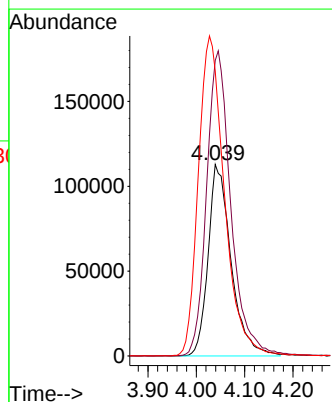
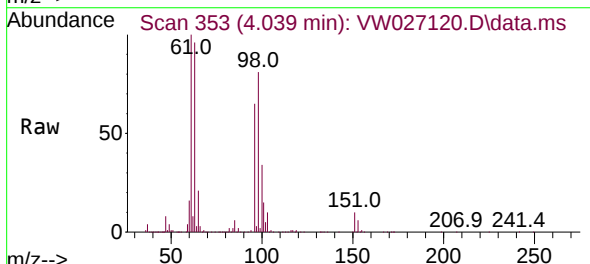
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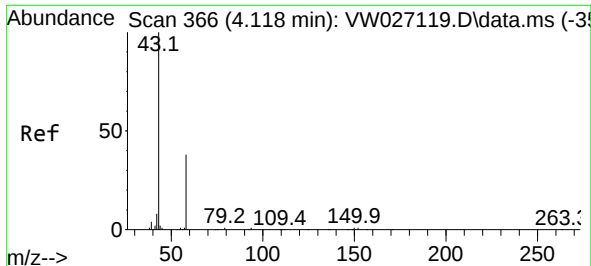
Tgt Ion:101 Resp: 380918
 Ion Ratio Lower Upper
 101 100
 85 41.4 35.7 53.5
 151 76.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 51.465 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW027120.D
 Acq: 18 Sep 2023 11:29

Tgt Ion: 96 Resp: 373205
 Ion Ratio Lower Upper
 96 100
 61 154.3 112.5 208.9
 63 148.9 99.4 184.6

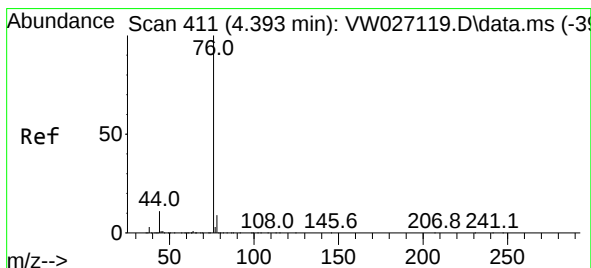
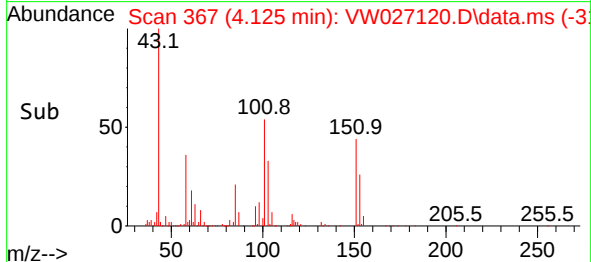
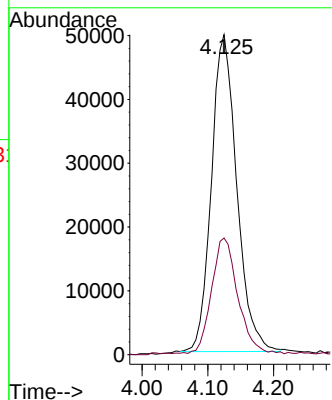
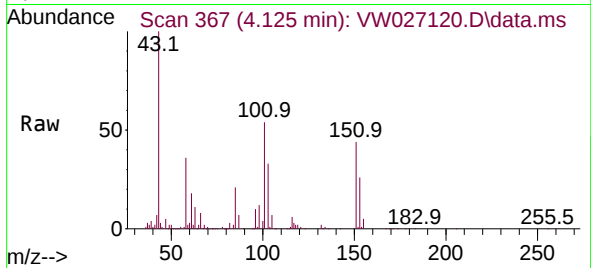




#13
Acetone
Concen: 95.305 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027120.D
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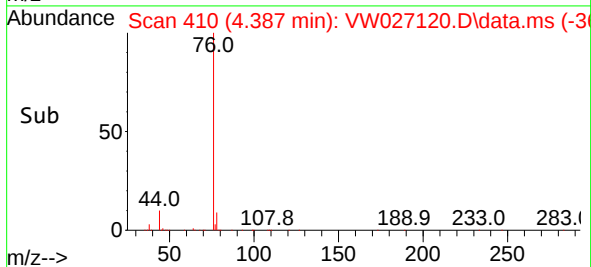
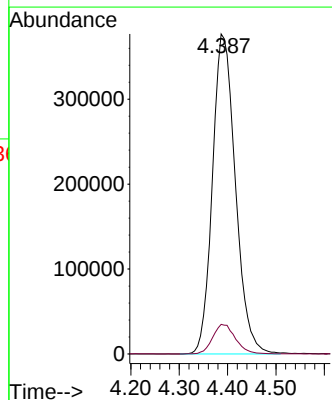
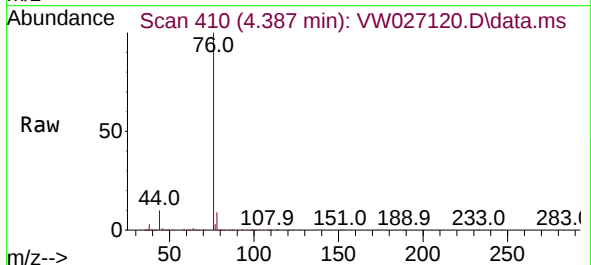
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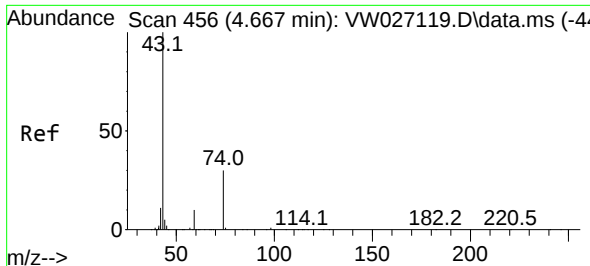
Tgt Ion: 43 Resp: 133375
Ion Ratio Lower Upper
43 100
58 38.5 0.0 77.4



#14
Carbon disulfide
Concen: 51.384 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion: 76 Resp: 1242165
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

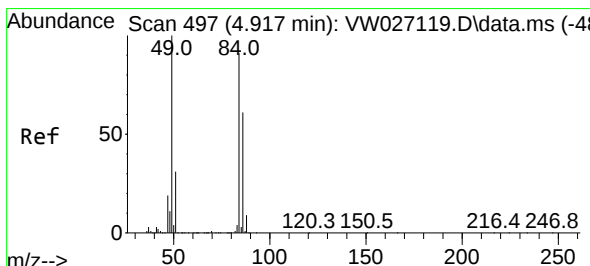
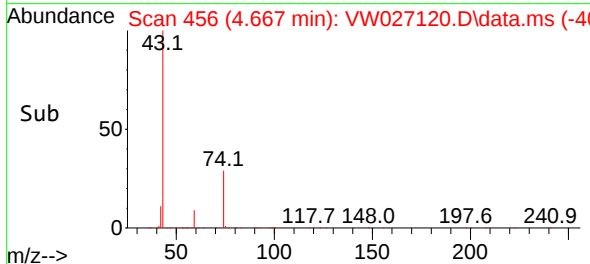
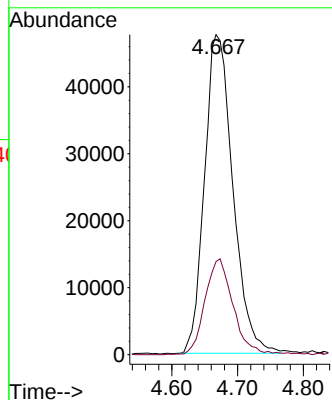
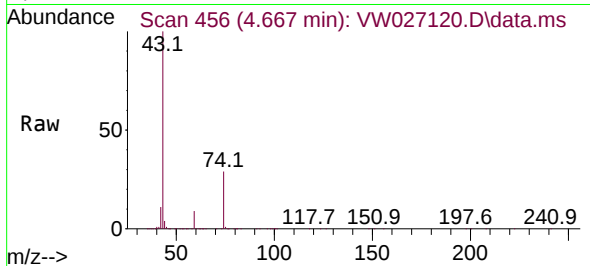




#15
Methyl Acetate
Concen: 51.673 ug/L
RT: 4.667 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

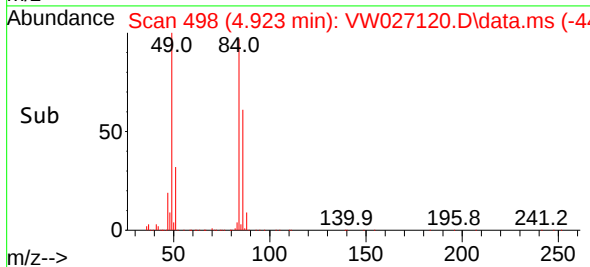
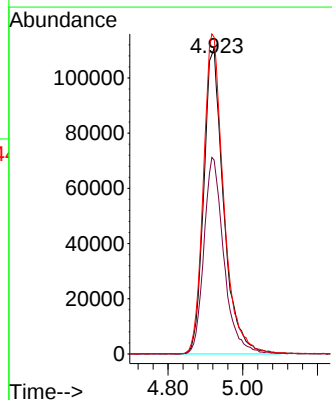
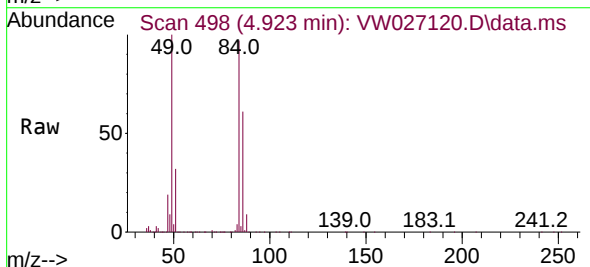
Instrument :
MSVOA_W
ClientSampleId :

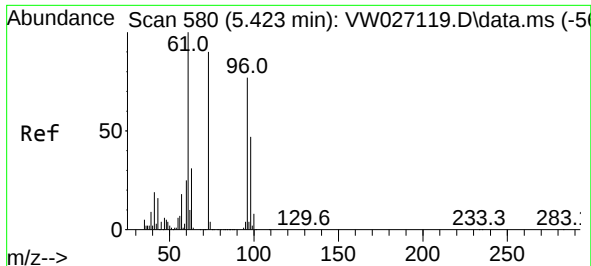
Tgt Ion: 43 Resp: 142787
Ion Ratio Lower Upper
43 100
74 28.8 23.2 34.8



#16
Methylene chloride
Concen: 43.201 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion: 84 Resp: 408673
Ion Ratio Lower Upper
84 100
86 63.4 46.7 86.7
49 103.6 77.1 143.1

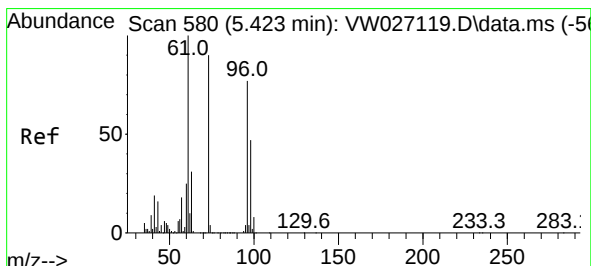
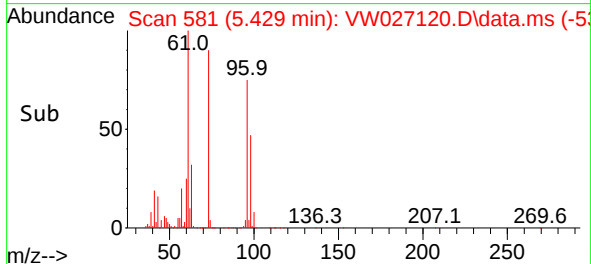
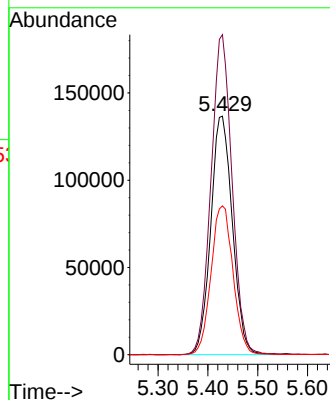
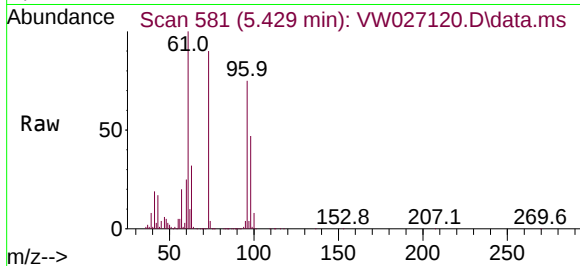




#17
trans-1,2-Dichloroethene
Concen: 52.442 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

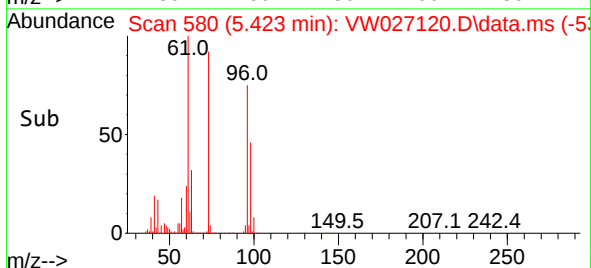
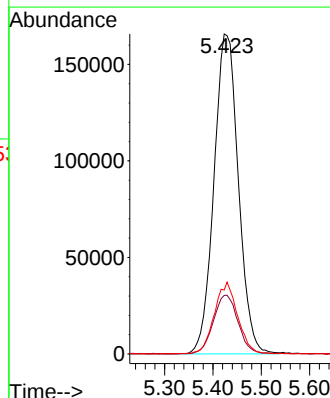
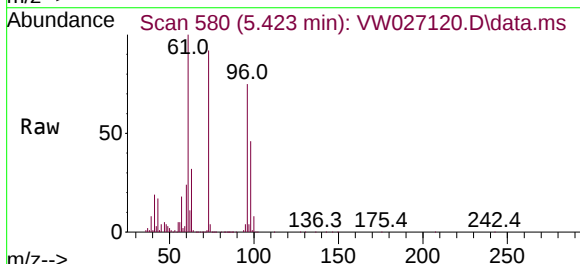
Instrument :
MSVOA_W
ClientSampleId :

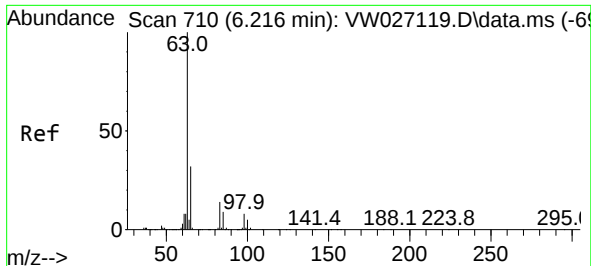
Tgt Ion: 96 Resp: 412644
Ion Ratio Lower Upper
96 100
61 134.1 91.2 169.4
98 62.4 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 55.571 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion: 73 Resp: 581049
Ion Ratio Lower Upper
73 100
43 18.3 15.2 22.8
57 21.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.429 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

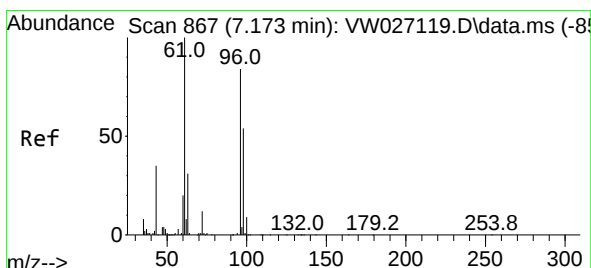
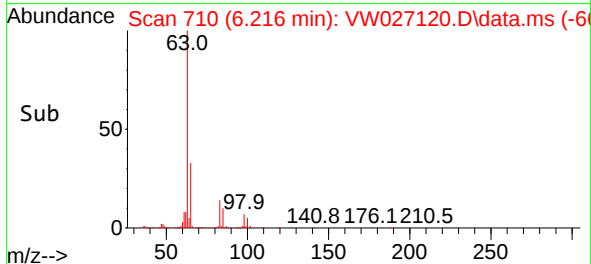
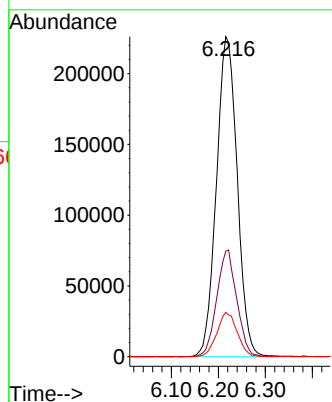
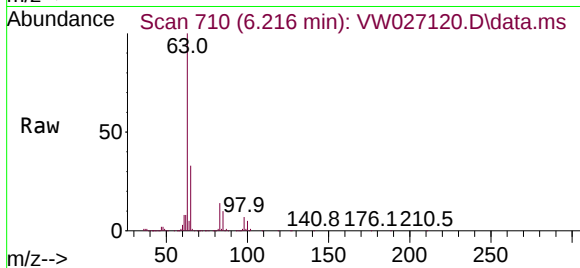
Tgt Ion: 63 Resp: 695902

Ion Ratio Lower Upper

63 100

65 33.0 22.6 42.0

83 13.8 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 53.159 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

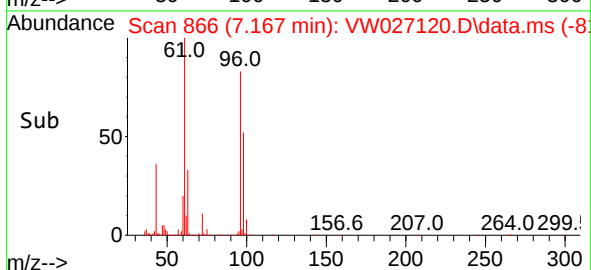
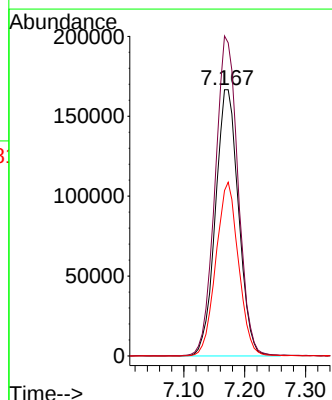
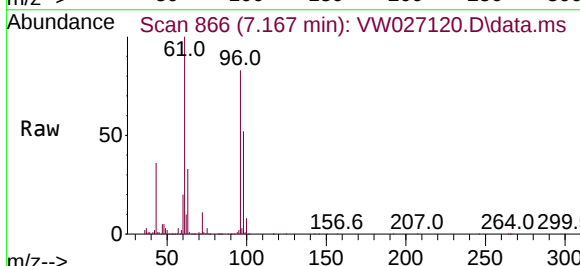
Tgt Ion: 96 Resp: 439975

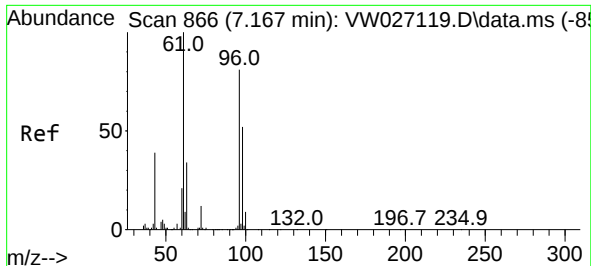
Ion Ratio Lower Upper

96 100

61 120.2 83.0 154.1

98 62.1 44.6 82.8

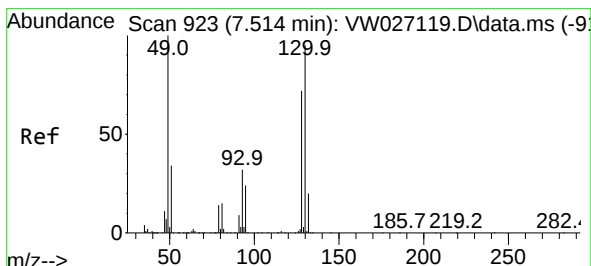
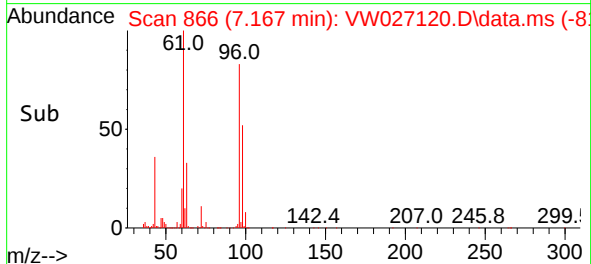
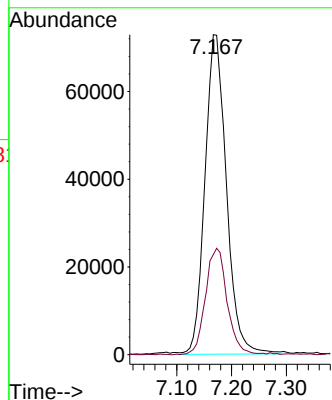
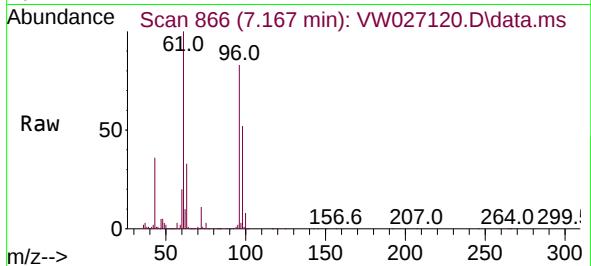




#22
2-Butanone
Concen: 106.744 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

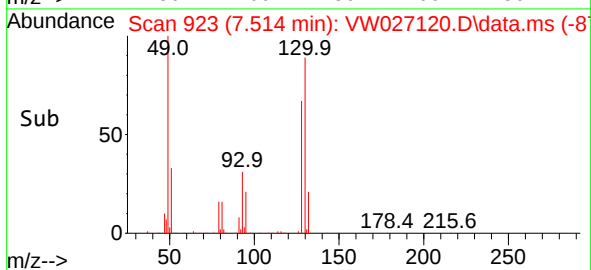
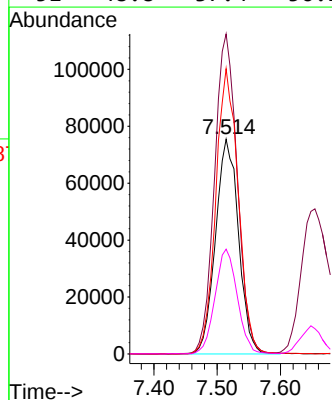
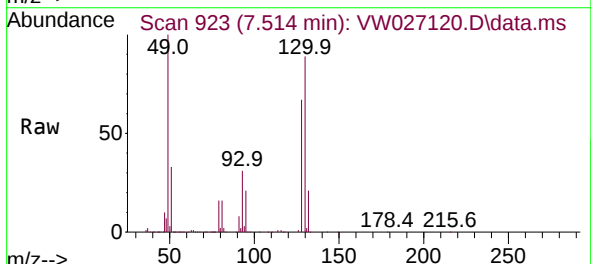
Instrument :
MSVOA_W
ClientSampleId :

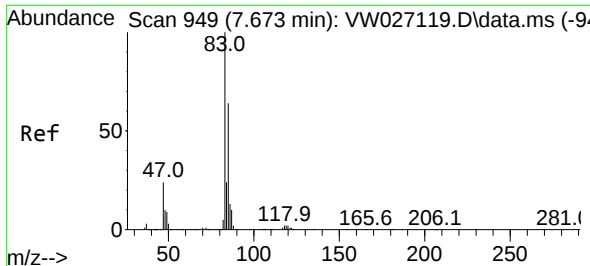
Tgt Ion: 43 Resp: 198092
Ion Ratio Lower Upper
43 100
72 33.4 16.8 50.4



#23
Bromochloromethane
Concen: 50.013 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion: 128 Resp: 190572
Ion Ratio Lower Upper
128 100
49 149.0 97.6 181.2
130 132.8 92.8 172.4
51 48.8 37.4 56.2





#25

Chloroform

Concen: 49.904 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

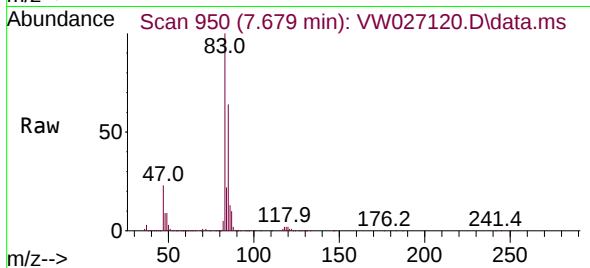
Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

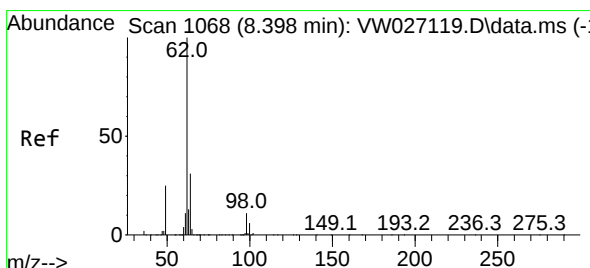
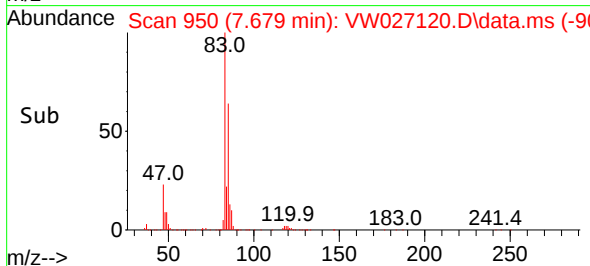
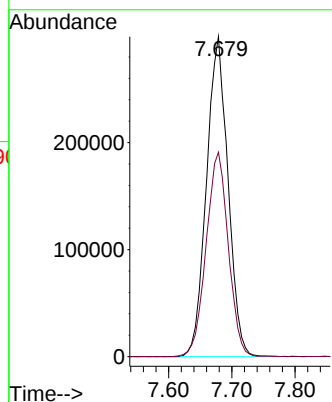


Tgt Ion: 83 Resp: 707269

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.5



#27

1,2-Dichloroethane

Concen: 51.277 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW027120.D

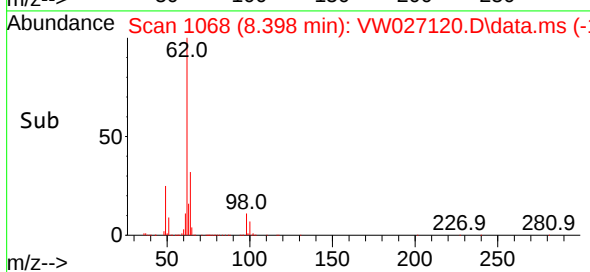
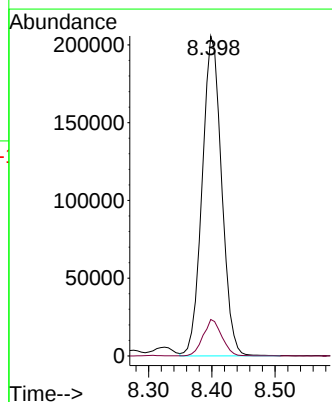
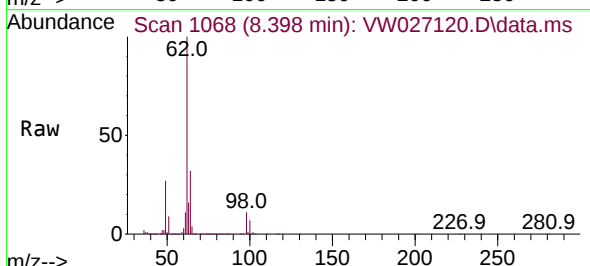
Acq: 18 Sep 2023 11:29

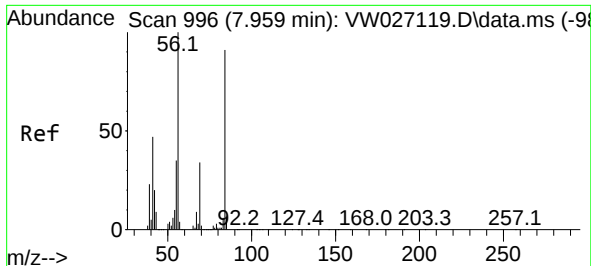
Tgt Ion: 62 Resp: 440368

Ion Ratio Lower Upper

62 100

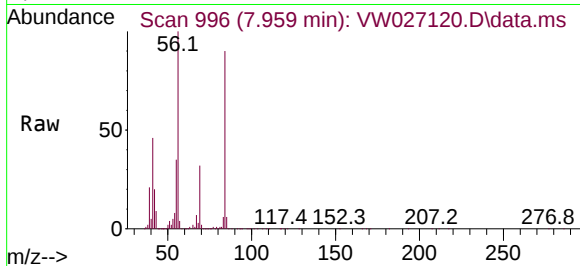
98 11.4 8.4 12.6



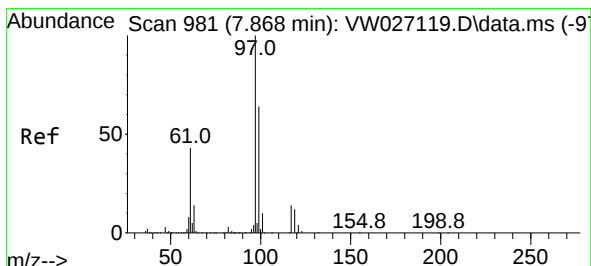
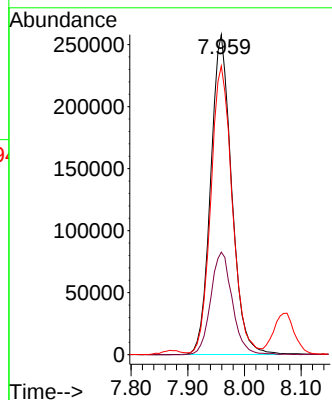
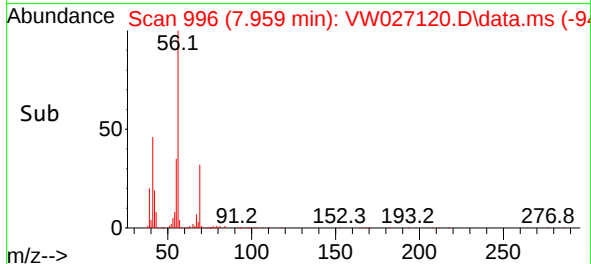


#29
Cyclohexane
Concen: 57.555 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

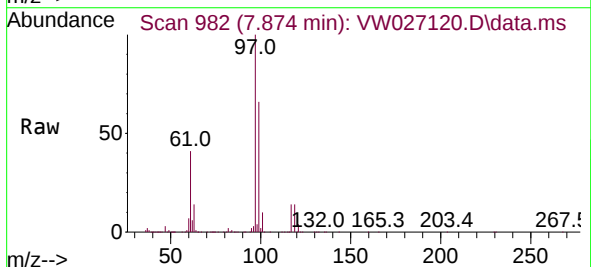
Instrument :
MSVOA_W
ClientSampleId :



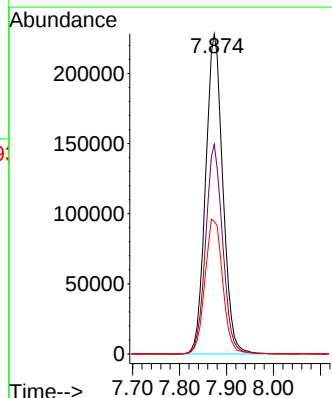
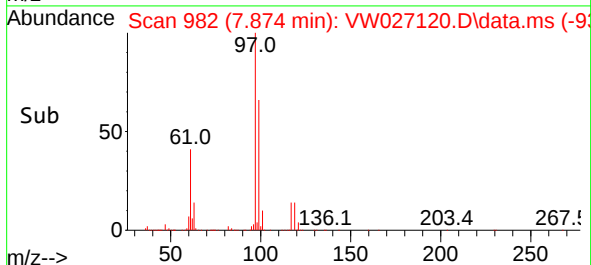
Tgt Ion: 56 Resp: 662653
Ion Ratio Lower Upper
56 100
69 32.8 26.5 39.7
84 92.3 74.4 111.6

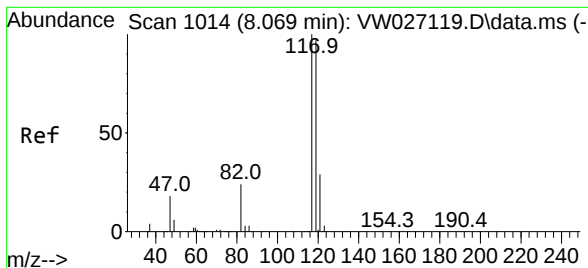


#30
1,1,1-Trichloroethane
Concen: 50.904 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29



Tgt Ion: 97 Resp: 578680
Ion Ratio Lower Upper
97 100
99 64.5 50.6 75.8
61 43.5 34.1 51.1

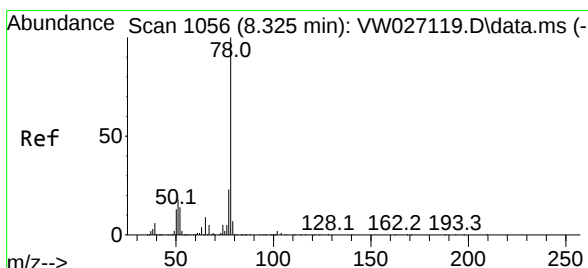
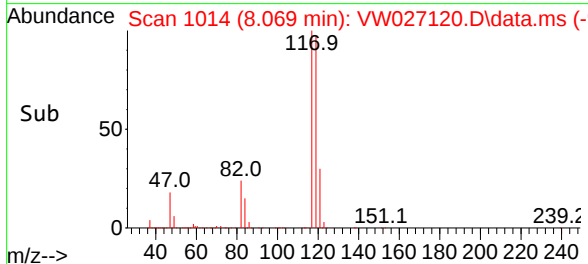
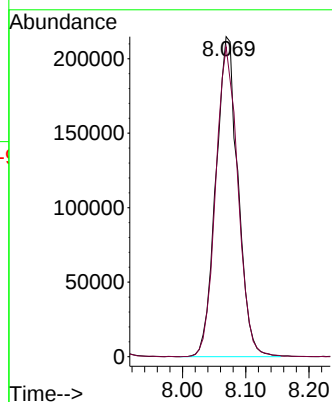
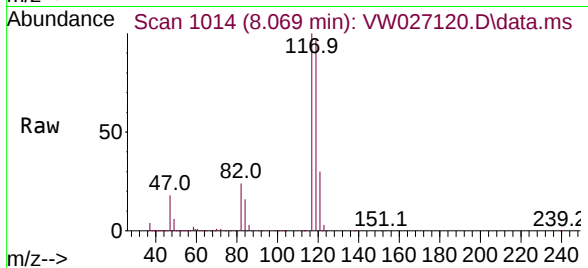




#31
Carbon tetrachloride
Concen: 51.700 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

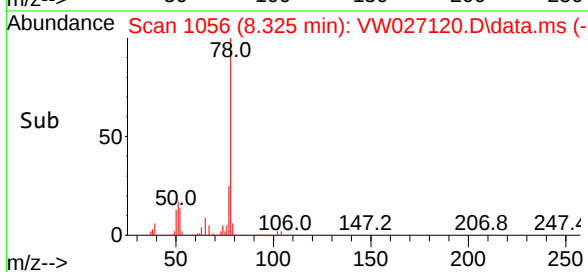
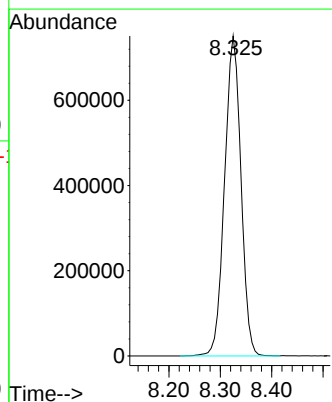
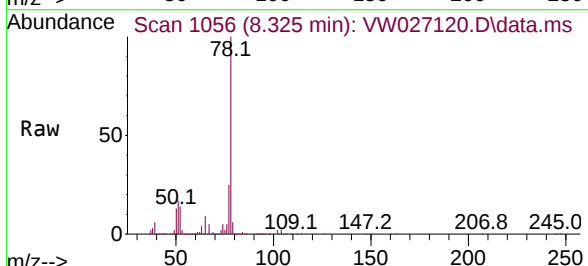
Instrument :
MSVOA_W
ClientSampleId :

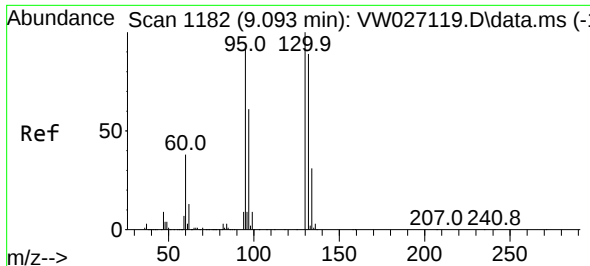
Tgt Ion:117 Resp: 520836
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.0



#33
Benzene
Concen: 52.387 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion: 78 Resp: 1664367





#34

Trichloroethene

Concen: 50.799 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 426514

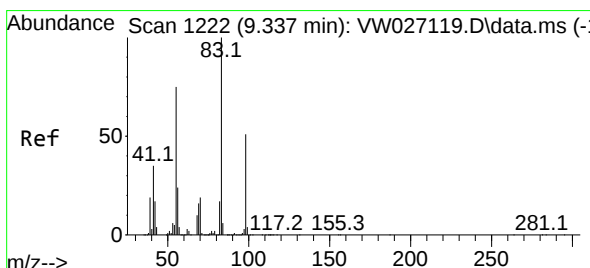
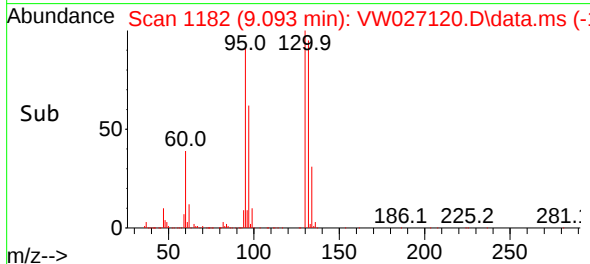
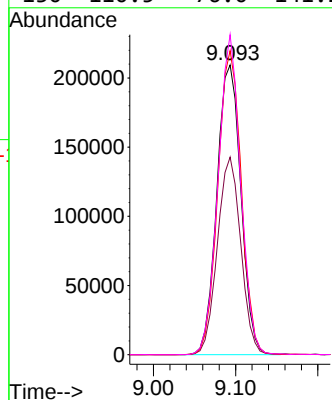
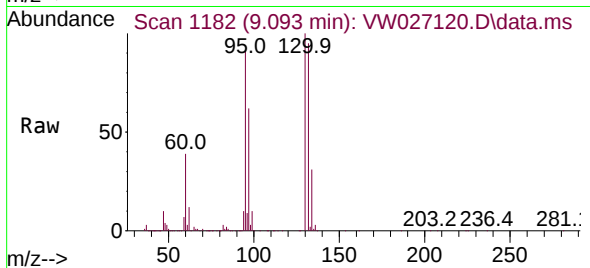
Ion Ratio Lower Upper

95 100

97 68.2 46.1 85.7

132 104.9 67.9 126.1

130 110.5 76.0 141.2



#35

Methylcyclohexane

Concen: 56.328 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

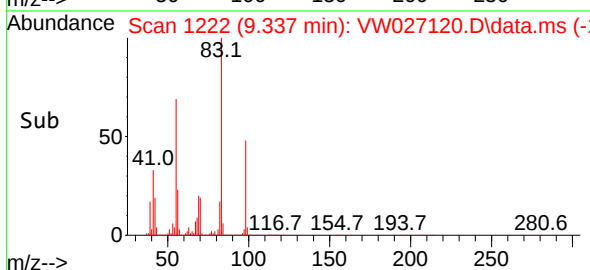
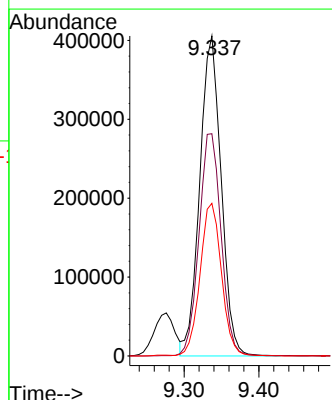
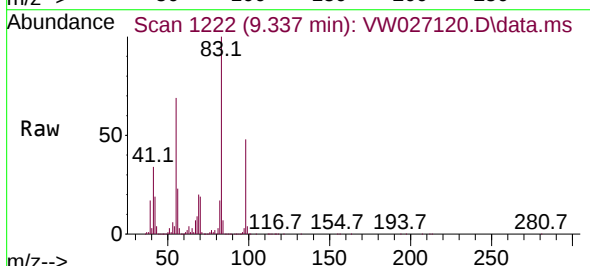
Tgt Ion: 83 Resp: 806704

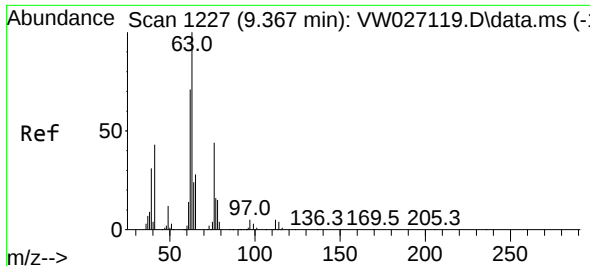
Ion Ratio Lower Upper

83 100

55 71.7 58.0 87.0

98 47.8 38.5 57.7





#37

1,2-Dichloropropane

Concen: 51.512 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

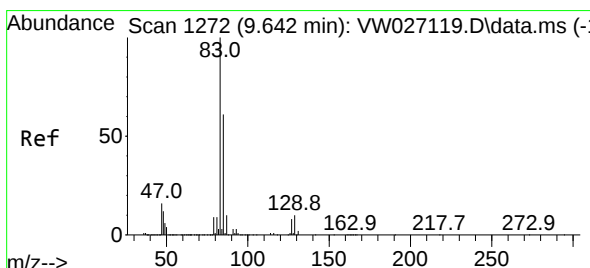
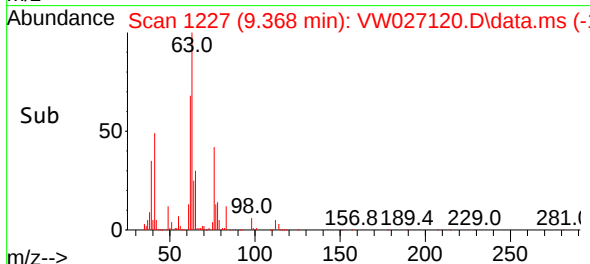
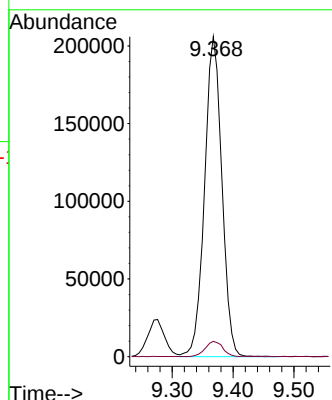
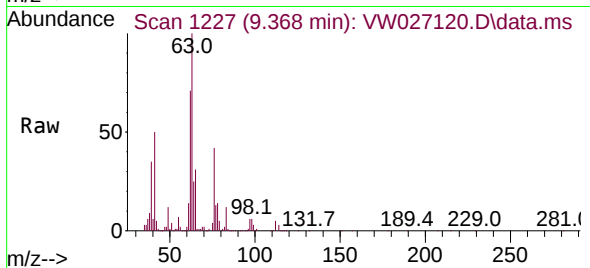
ClientSampleId :

Tgt Ion: 63 Resp: 406423

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 51.597 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

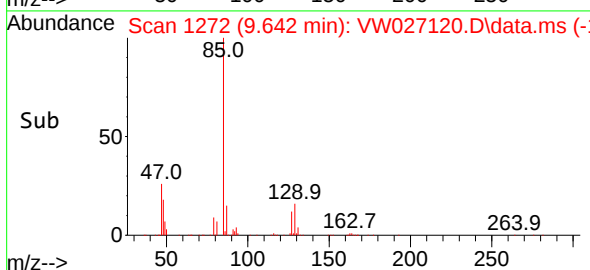
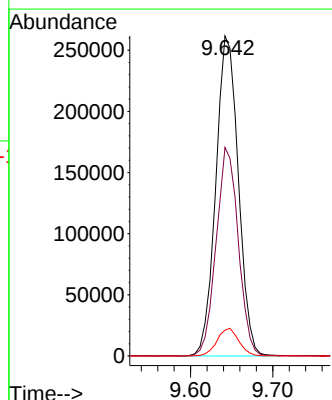
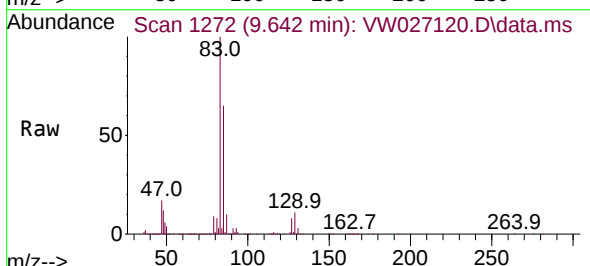
Tgt Ion: 83 Resp: 497843

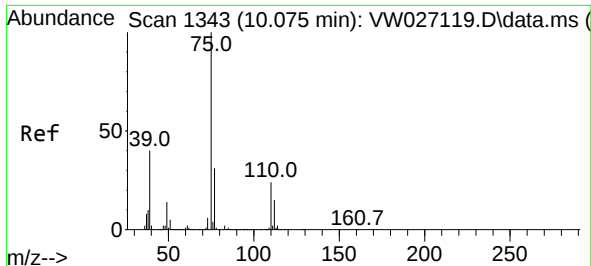
Ion Ratio Lower Upper

83 100

85 65.2 42.8 79.4

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 56.274 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

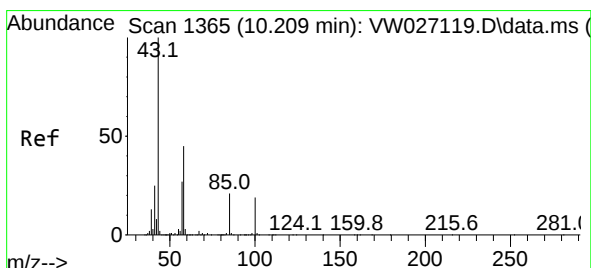
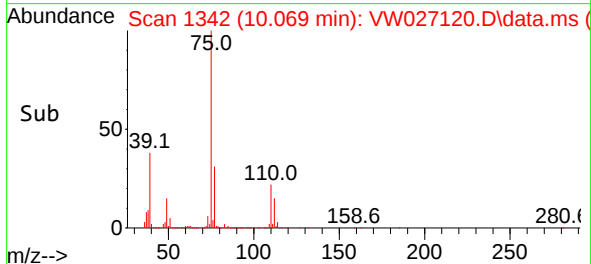
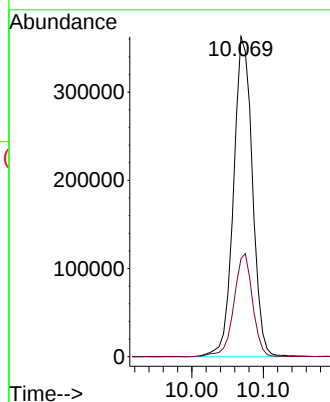
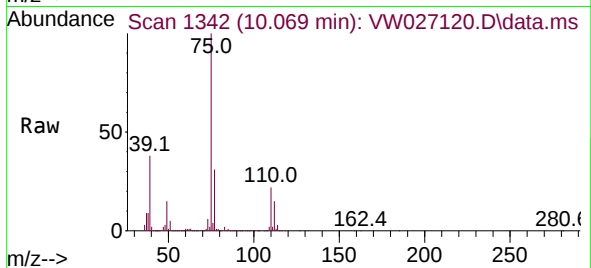
ClientSampleId :

Tgt Ion: 75 Resp: 665069

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 115.633 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

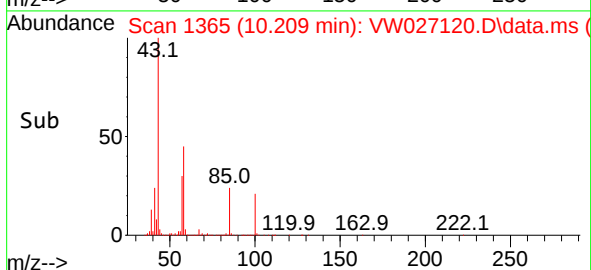
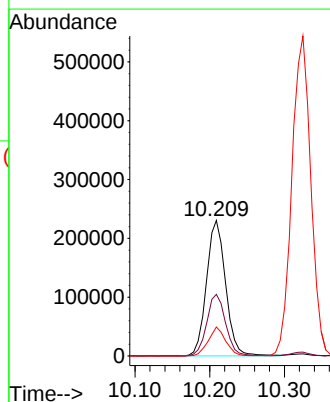
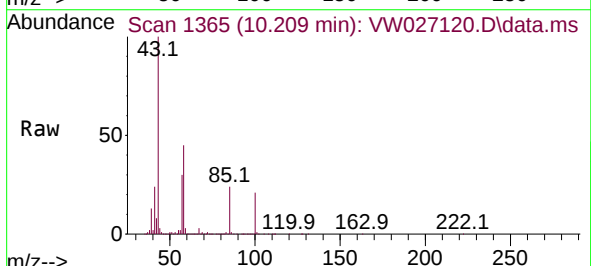
Tgt Ion: 43 Resp: 409162

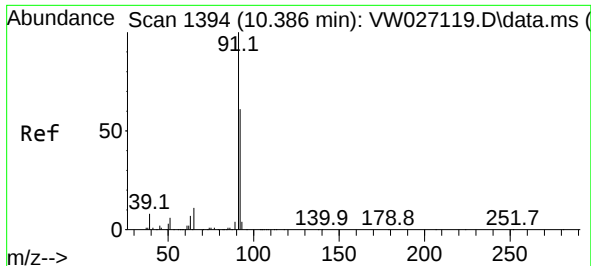
Ion Ratio Lower Upper

43 100

58 45.1 35.4 53.2

100 19.4 15.2 22.8

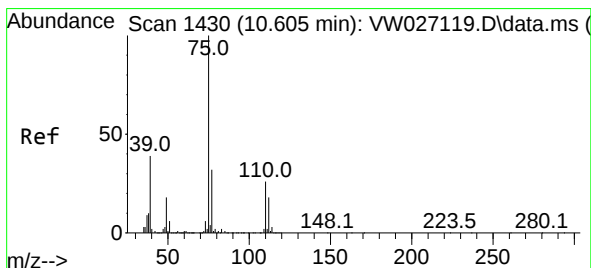
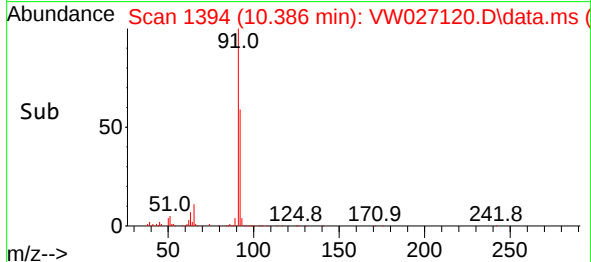
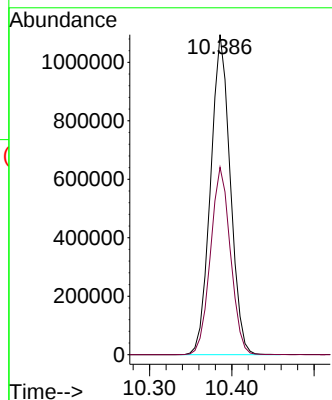
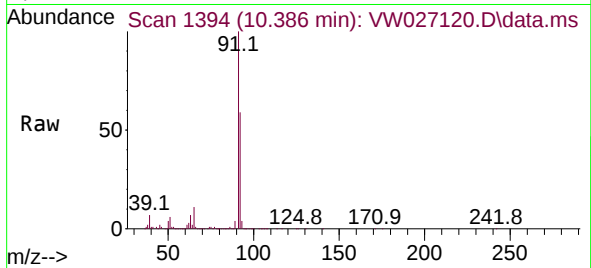




#42
Toluene
Concen: 54.259 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

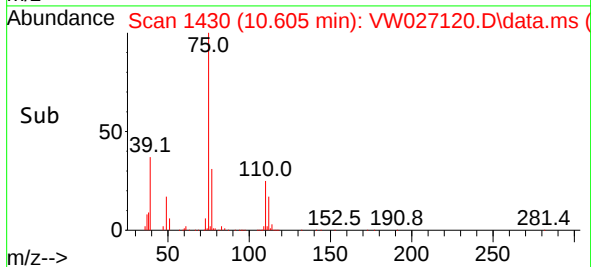
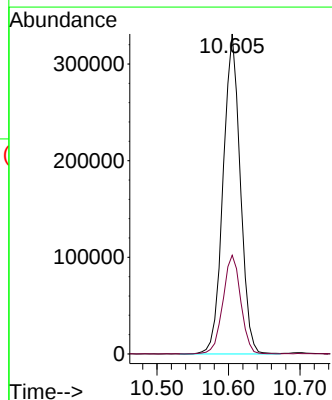
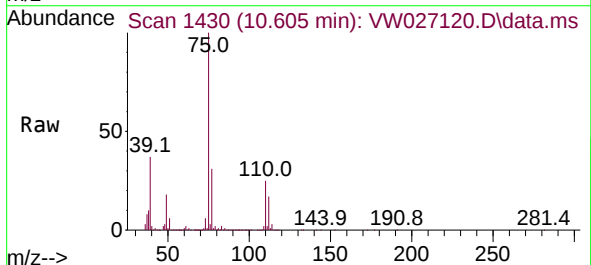
Instrument :
MSVOA_W
ClientSampleId :

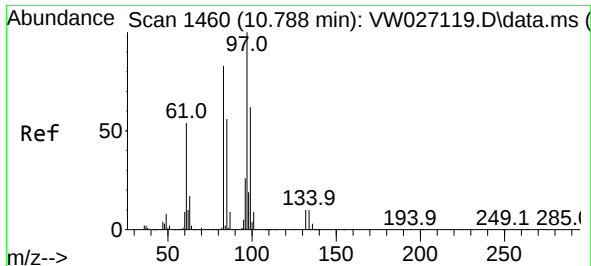
Tgt Ion: 91 Resp: 1821542
Ion Ratio Lower Upper
91 100
92 58.6 42.7 79.3



#44
trans-1,3-Dichloropropene
Concen: 55.630 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion: 75 Resp: 551759
Ion Ratio Lower Upper
75 100
77 30.9 22.6 42.0

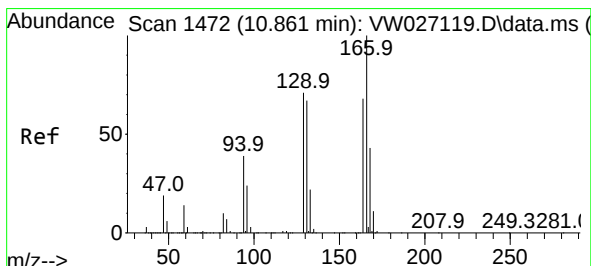
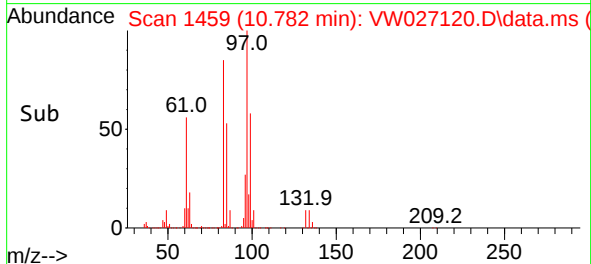
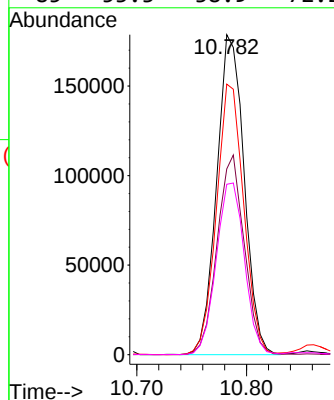
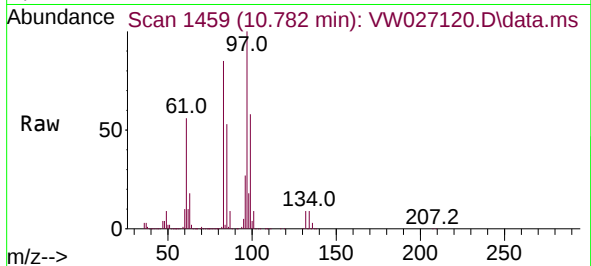




#45
1,1,2-Trichloroethane
Concen: 51.229 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

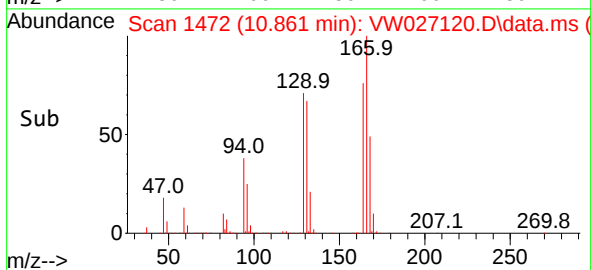
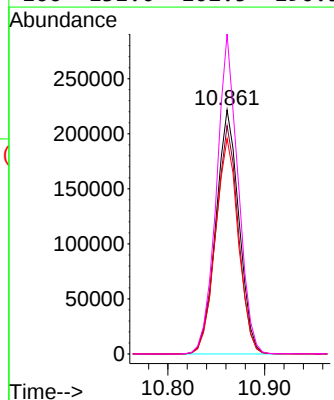
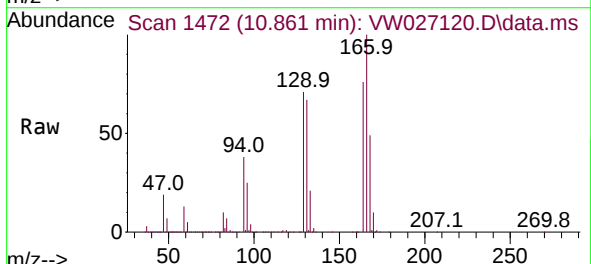
Instrument :
MSVOA_W
ClientSampleId :

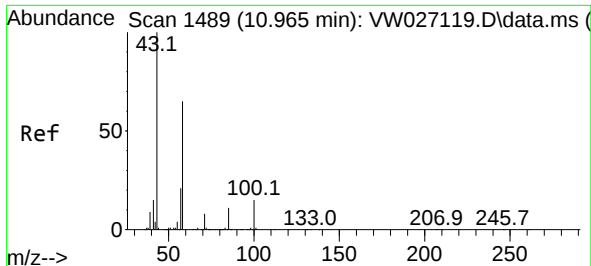
Tgt Ion:	97	Resp:	310999
Ion	Ratio	Lower	Upper
97	100		
99	58.1	43.3	80.5
83	84.6	58.0	107.8
85	53.3	38.9	72.2



#46
Tetrachloroethene
Concen: 51.625 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion:	164	Resp:	365339
Ion	Ratio	Lower	Upper
164	100		
129	93.5	72.9	135.3
131	88.2	68.7	127.7
166	131.0	102.5	190.3

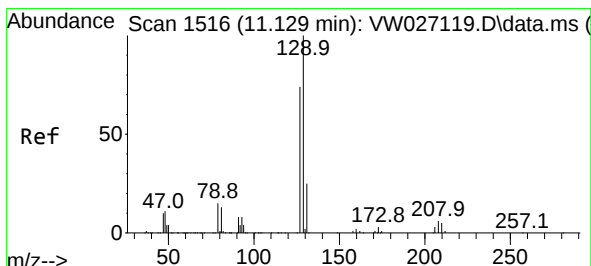
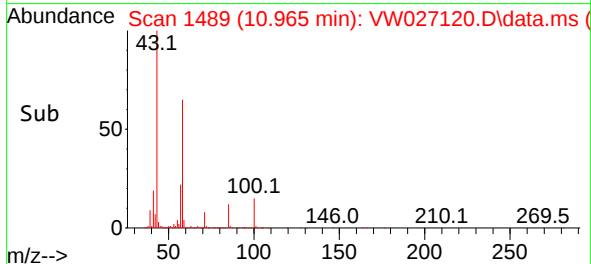
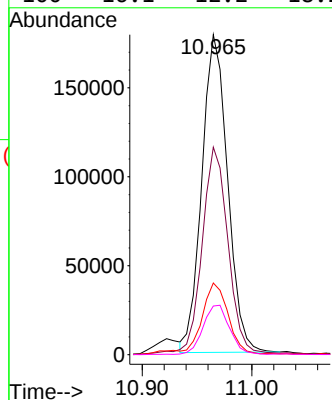
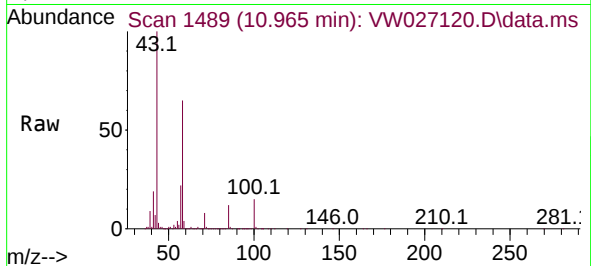




#48
2-Hexanone
Concen: 117.166 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

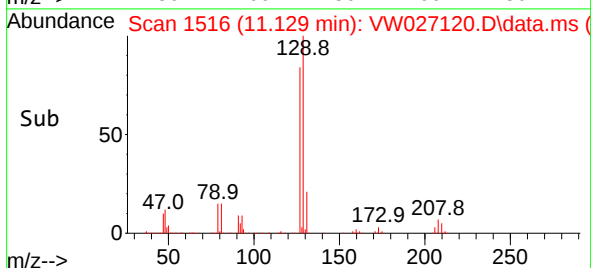
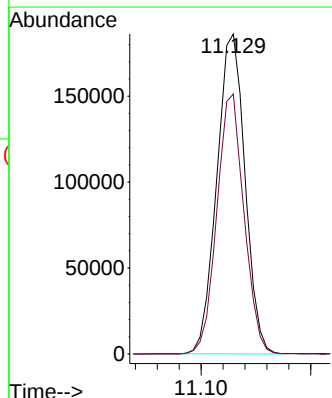
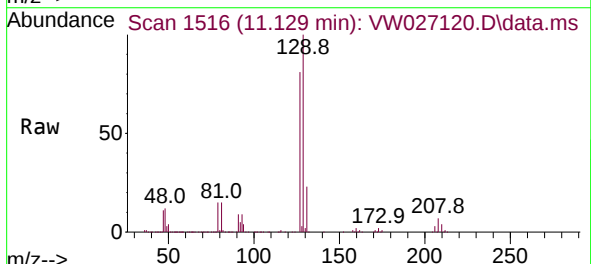
Instrument :
MSVOA_W
ClientSampleId :

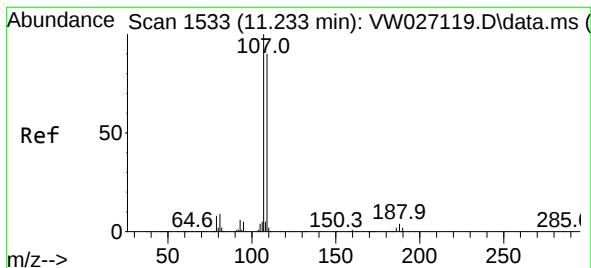
Tgt Ion:	43	Resp:	291891
Ion	Ratio	Lower	Upper
43	100		
58	66.4	51.4	77.0
57	21.9	17.2	25.8
100	16.1	12.2	18.2



#49
Dibromochloromethane
Concen: 52.334 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion:	129	Resp:	332491
Ion	Ratio	Lower	Upper
129	100		
127	81.3	51.9	96.5

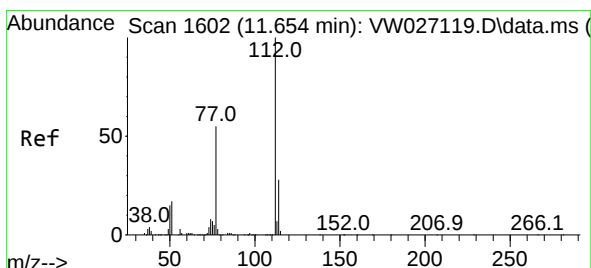
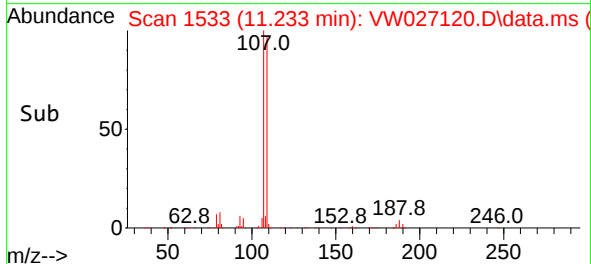
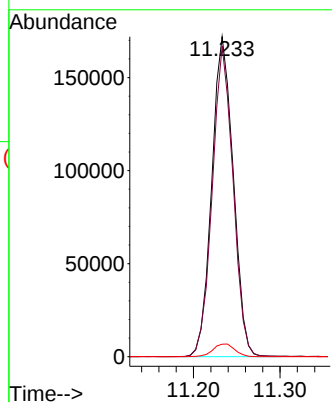
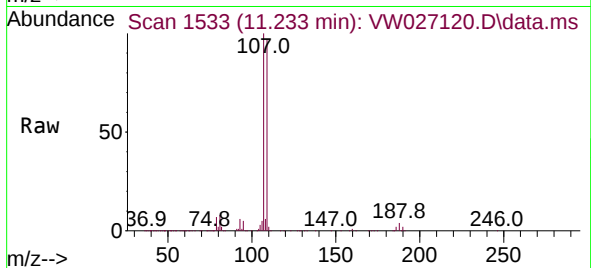




#50
1,2-Dibromoethane
Concen: 53.181 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

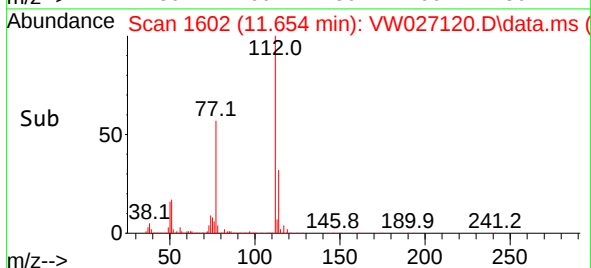
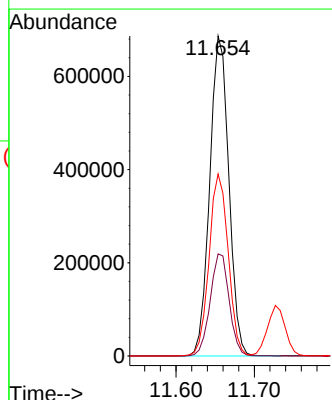
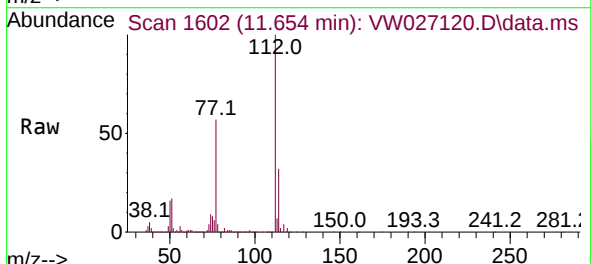
Instrument :
MSVOA_W
ClientSampleId :

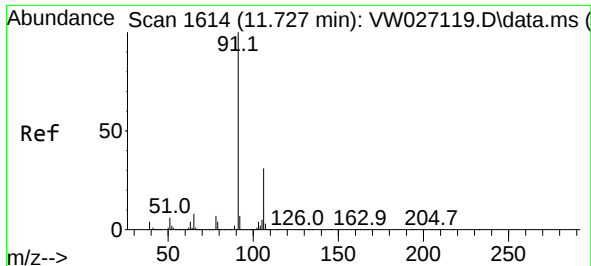
Tgt Ion:107 Resp: 296295
Ion Ratio Lower Upper
107 100
109 97.1 63.3 117.5
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 52.356 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion:112 Resp: 1159958
Ion Ratio Lower Upper
112 100
114 31.9 19.7 36.7
77 56.9 44.5 66.7





#52

Ethylbenzene

Concen: 54.505 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

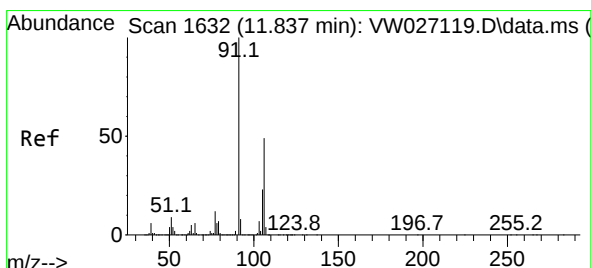
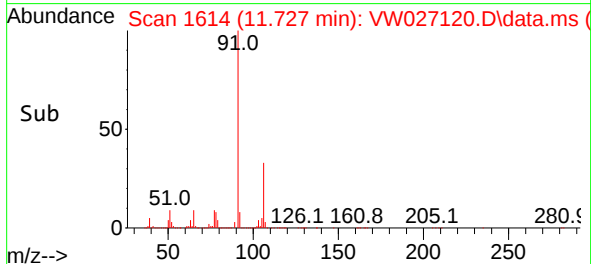
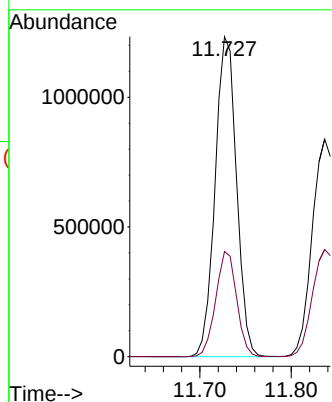
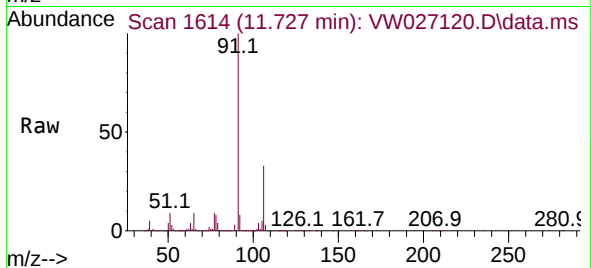
ClientSampleId :

Tgt Ion: 91 Resp: 2006842

Ion Ratio Lower Upper

91 100

106 32.9 21.8 40.4



#53

m,p-Xylene

Concen: 56.141 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW027120.D

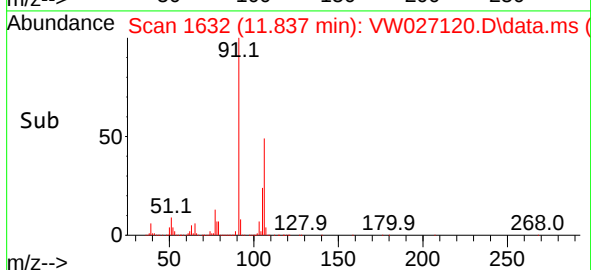
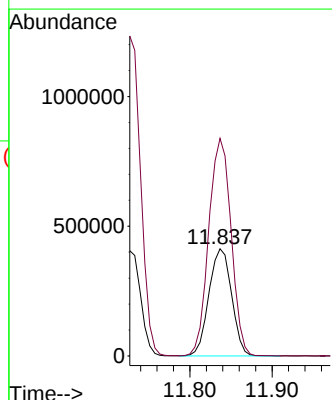
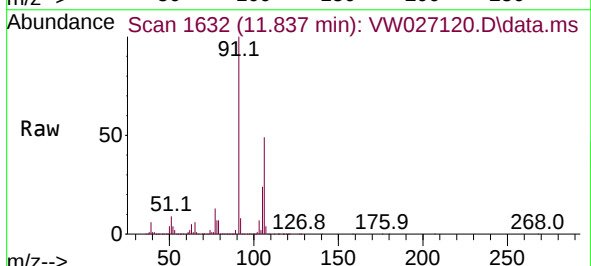
Acq: 18 Sep 2023 11:29

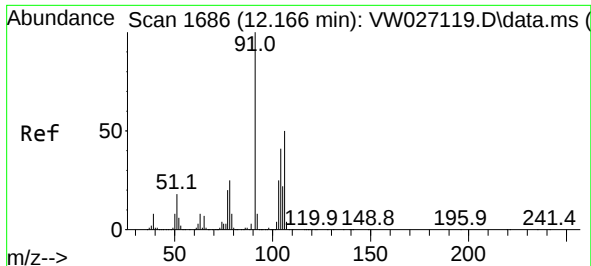
Tgt Ion:106 Resp: 792736

Ion Ratio Lower Upper

106 100

91 203.0 142.7 265.1

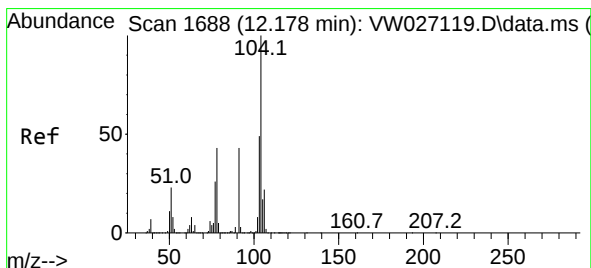
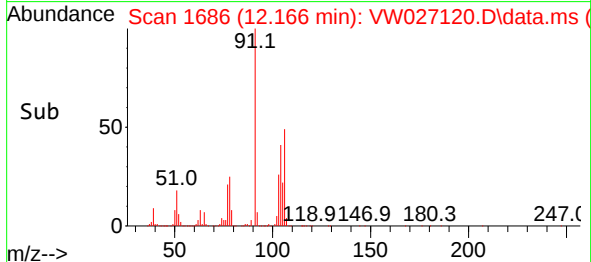
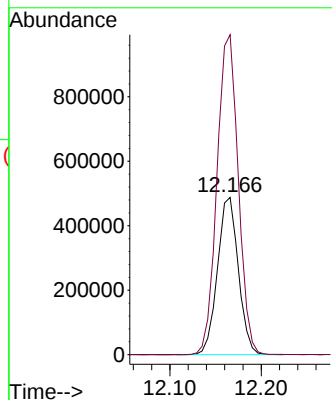
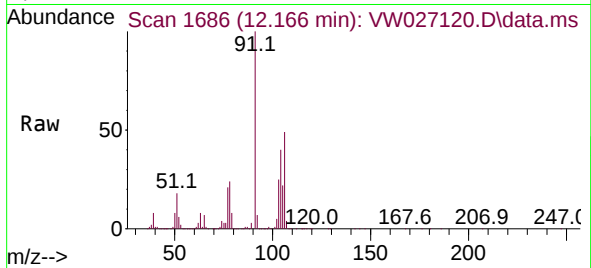




#54
o-Xylene
Concen: 57.569 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

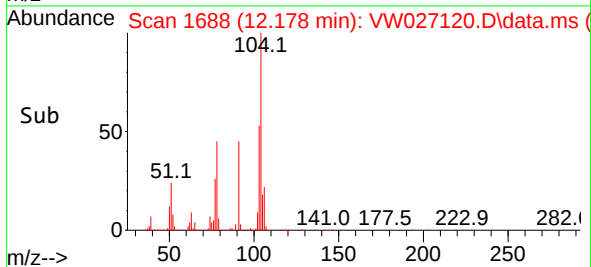
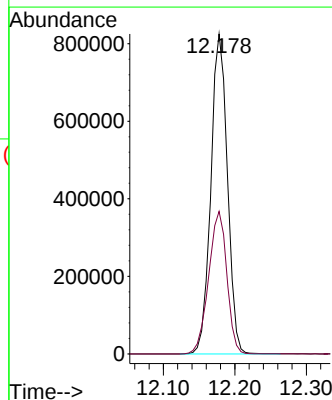
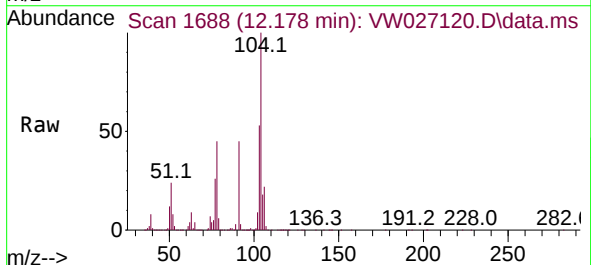
Instrument :
MSVOA_W
ClientSampleId :

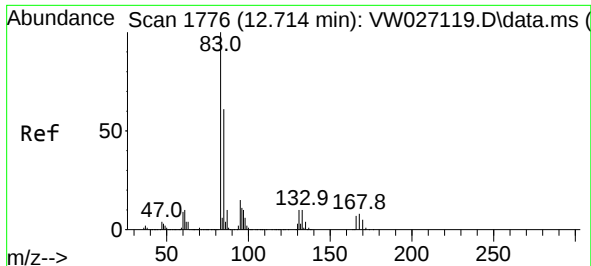
Tgt Ion:106 Resp: 774399
Ion Ratio Lower Upper
106 100
91 203.4 140.6 261.0



#55
Styrene
Concen: 57.594 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion:104 Resp: 1327491
Ion Ratio Lower Upper
104 100
78 44.6 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 52.638 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

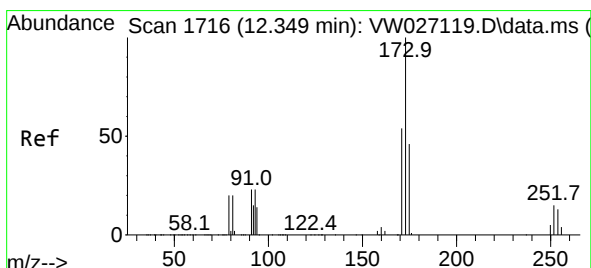
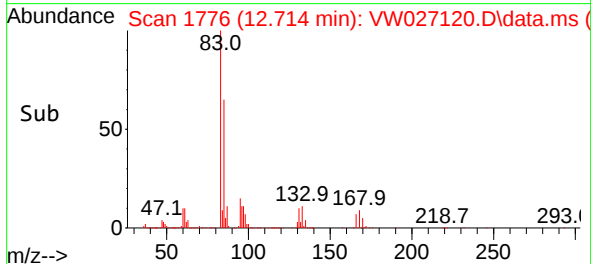
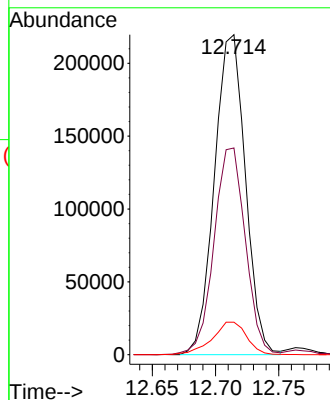
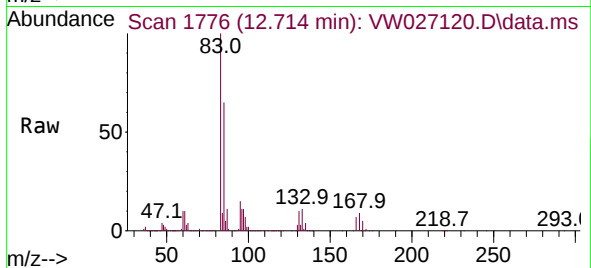
Tgt Ion: 83 Resp: 374407

Ion Ratio Lower Upper

83 100

85 64.6 42.5 78.9

131 10.2 7.8 11.8



#59

Bromoform

Concen: 51.108 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

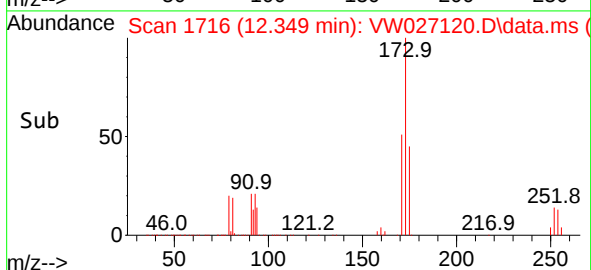
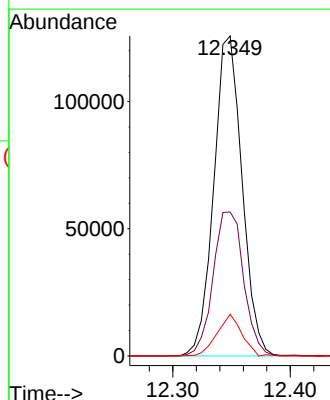
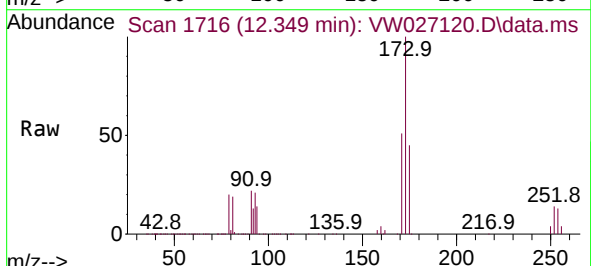
Tgt Ion:173 Resp: 210228

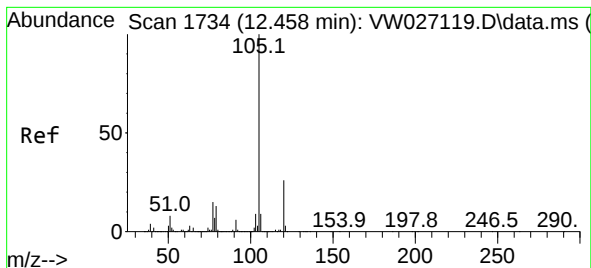
Ion Ratio Lower Upper

173 100

175 48.7 36.6 55.0

254 11.3 10.0 15.0





#60

Isopropylbenzene

Concen: 54.793 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

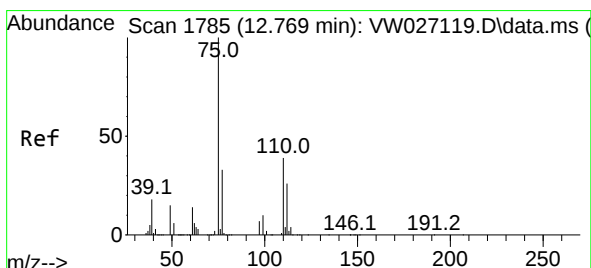
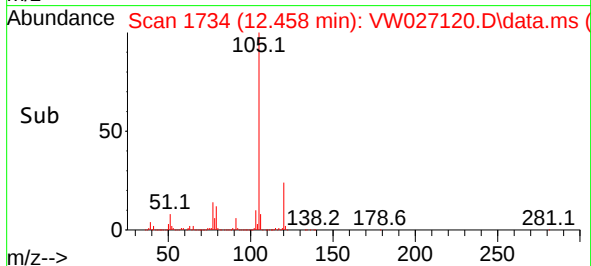
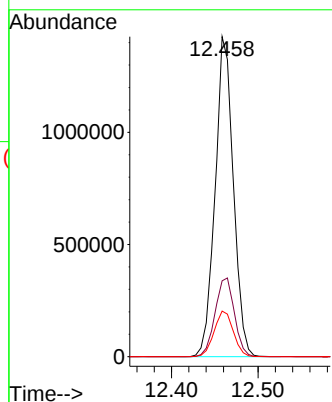
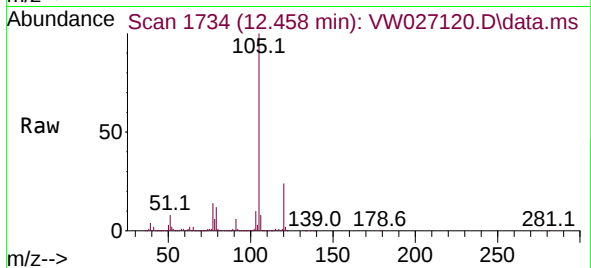
Tgt Ion:105 Resp: 2084400

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

77 15.0 12.0 18.0



#61

1,2,3-Trichloropropane

Concen: 49.984 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

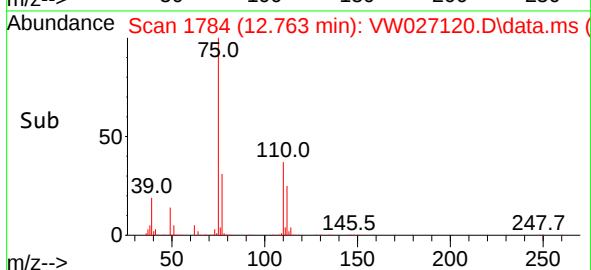
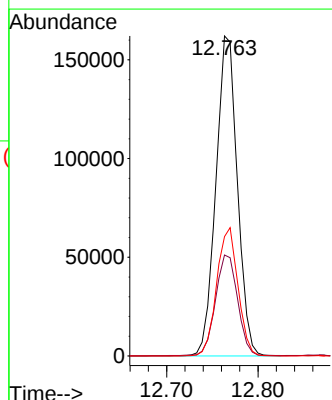
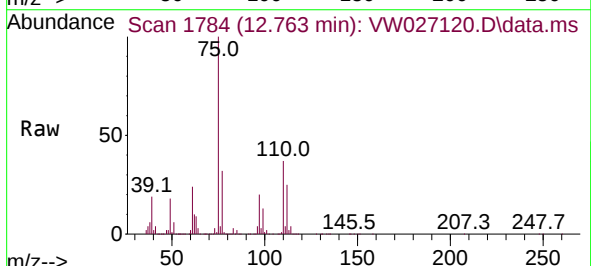
Tgt Ion: 75 Resp: 264691

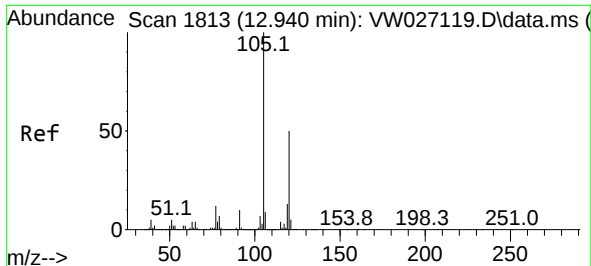
Ion Ratio Lower Upper

75 100

77 32.4 26.0 39.0

110 39.6 31.6 47.4

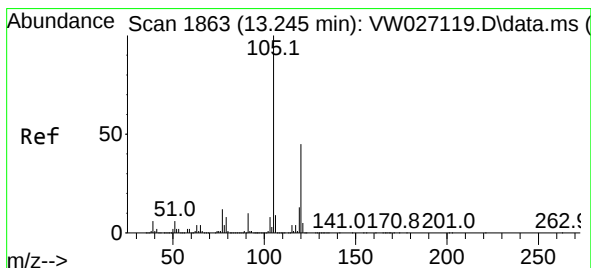
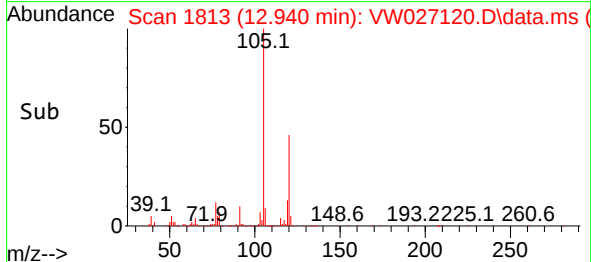
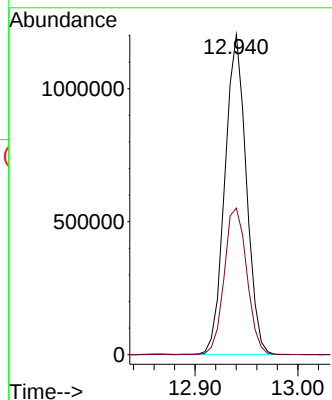
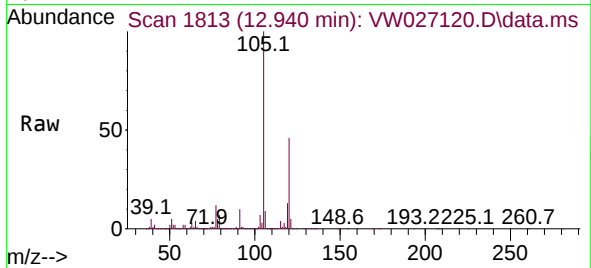




#62
1,3,5-Trimethylbenzene
Concen: 57.137 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

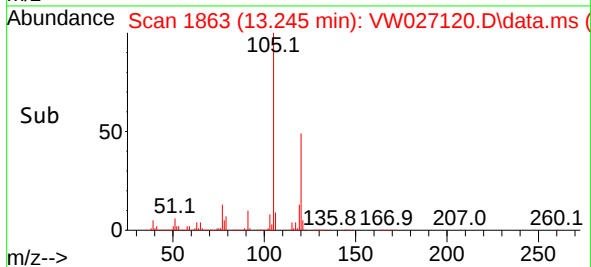
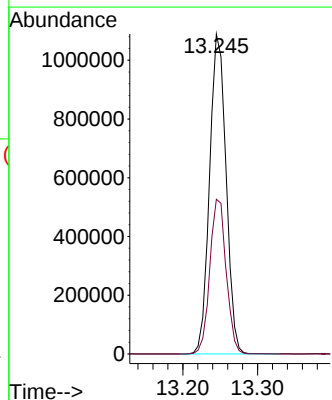
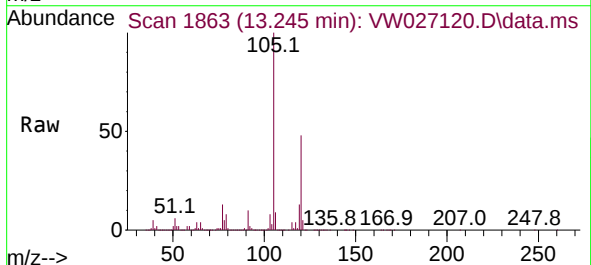
Instrument :
MSVOA_W
ClientSampleId :

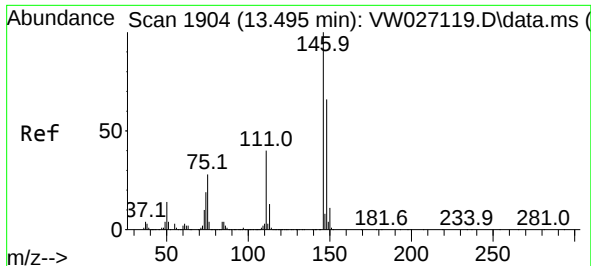
Tgt Ion:105 Resp: 1739439
Ion Ratio Lower Upper
105 100
120 48.6 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 56.594 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion:105 Resp: 1669357
Ion Ratio Lower Upper
105 100
120 47.9 36.2 54.2

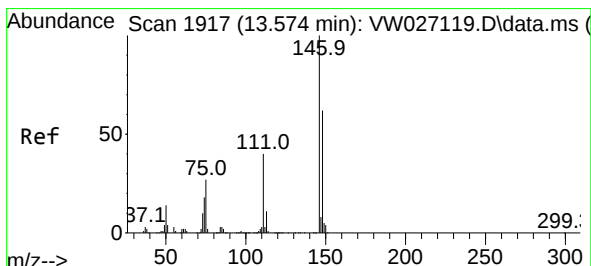
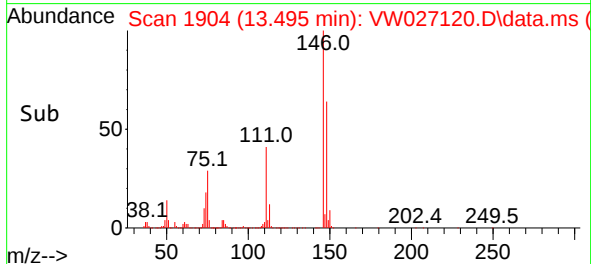
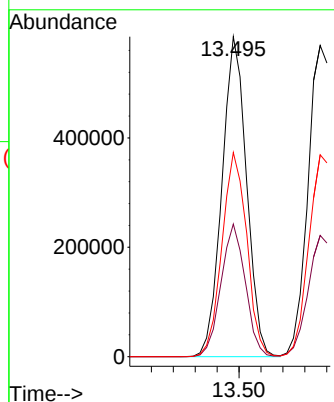
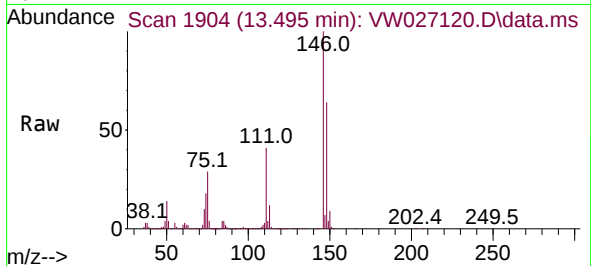




#64
1,3-Dichlorobenzene
Concen: 50.732 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

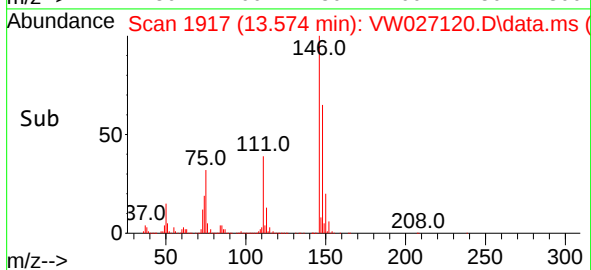
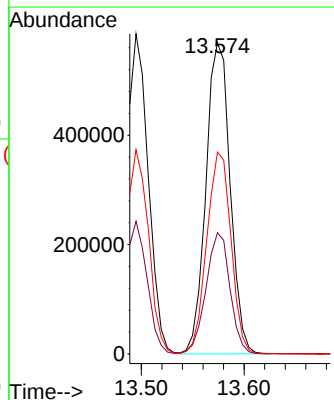
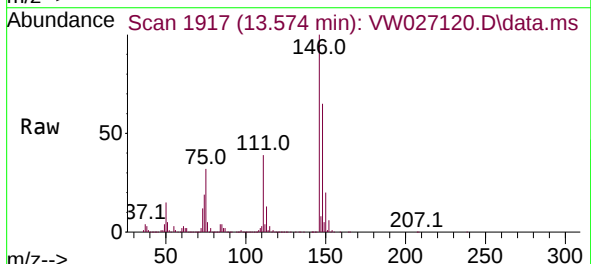
Instrument :
MSVOA_W
ClientSampleId :

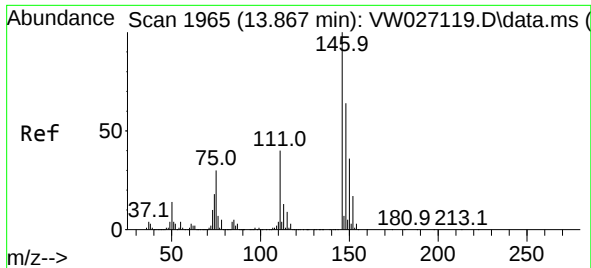
Tgt Ion:146 Resp: 912608
Ion Ratio Lower Upper
146 100
111 41.4 27.6 51.4
148 63.8 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 49.986 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027120.D
Acq: 18 Sep 2023 11:29

Tgt Ion:146 Resp: 934550
Ion Ratio Lower Upper
146 100
111 38.9 28.1 52.1
148 64.9 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 51.637 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

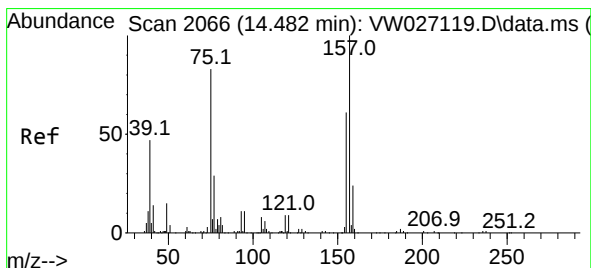
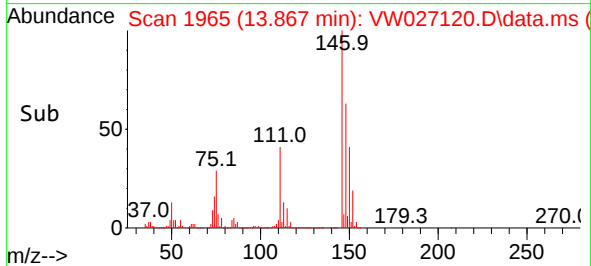
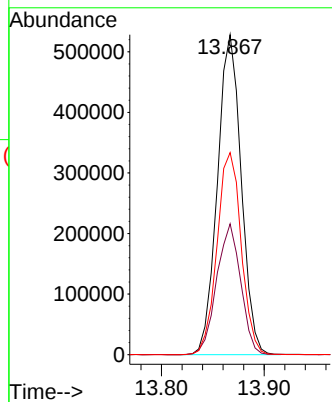
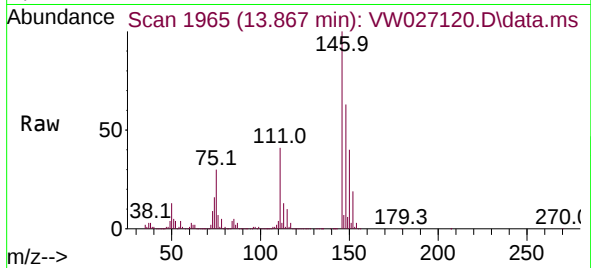
Tgt Ion:146 Resp: 849012

Ion Ratio Lower Upper

146 100

111 40.9 32.2 48.2

148 63.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 49.414 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

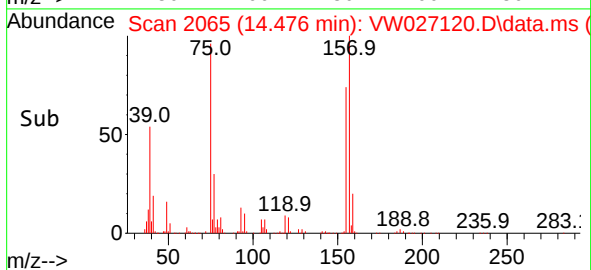
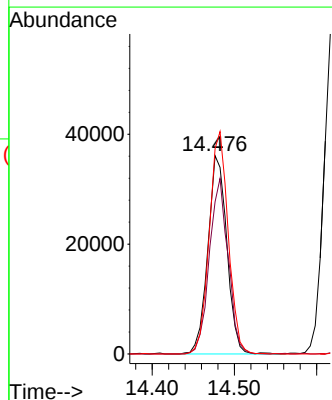
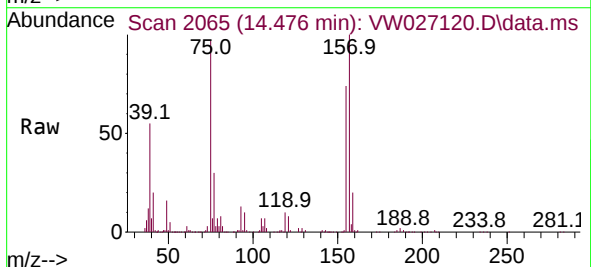
Tgt Ion: 75 Resp: 57947

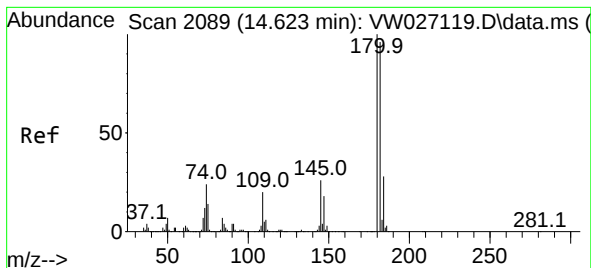
Ion Ratio Lower Upper

75 100

155 76.7 58.7 88.1

157 103.5 95.9 143.9





#69

1,3,5-Trichlorobenzene

Concen: 49.472 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

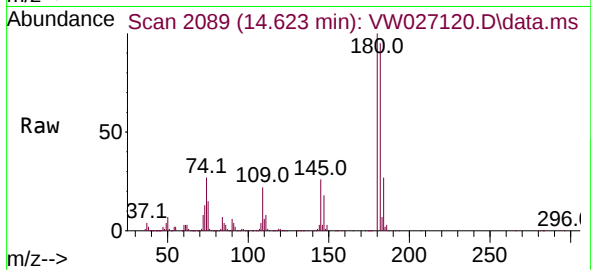
Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 640616

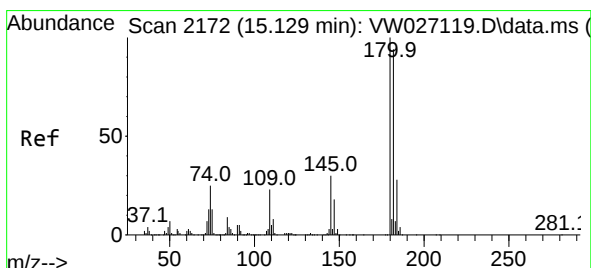
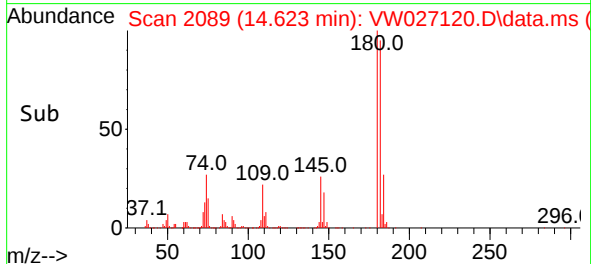
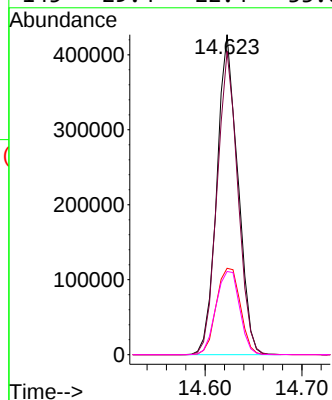
Ion Ratio Lower Upper

180 100

182 93.7 76.6 115.0

184 30.9 23.8 35.8

145 29.4 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 52.656 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

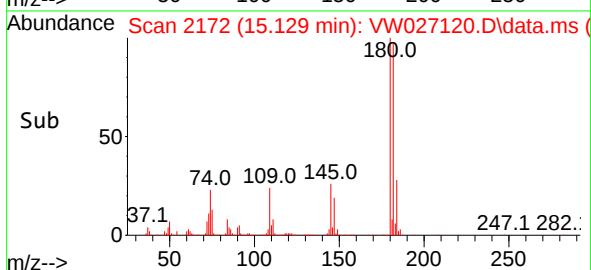
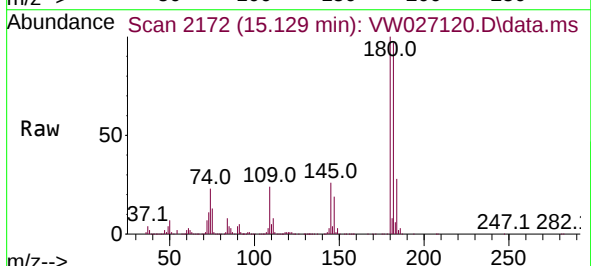
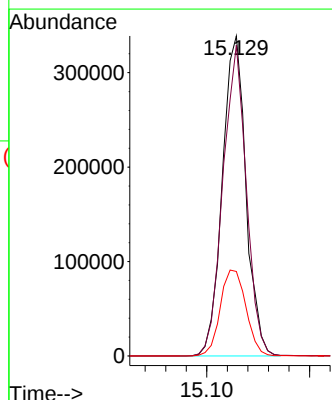
Tgt Ion:180 Resp: 540384

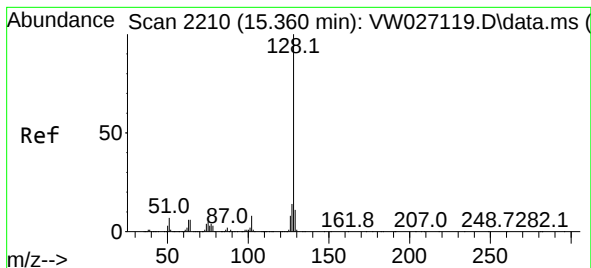
Ion Ratio Lower Upper

180 100

182 96.4 78.2 117.4

145 29.3 24.6 36.8





#71

Naphthalene

Concen: 58.500 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

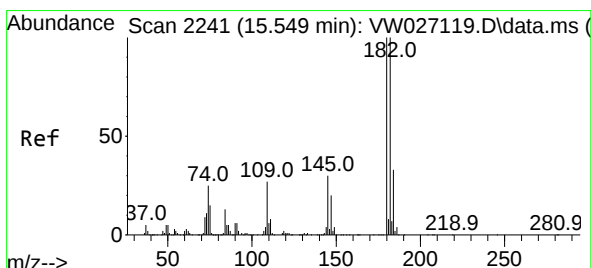
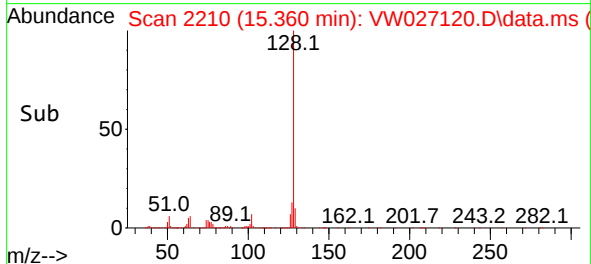
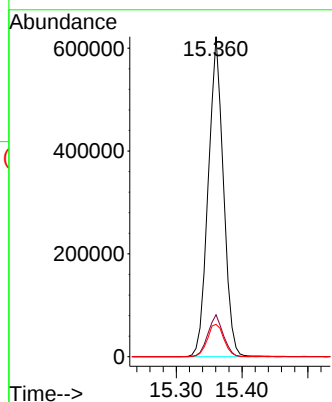
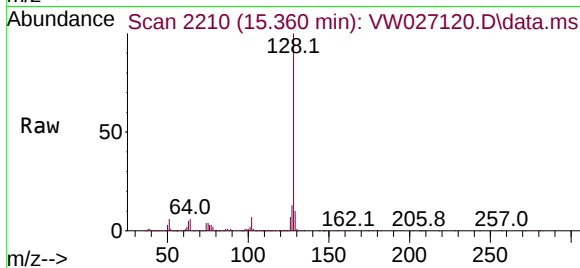
Tgt Ion:128 Resp: 998740

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.911 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027120.D

Acq: 18 Sep 2023 11:29

Tgt Ion:180 Resp: 480938

Ion Ratio Lower Upper

180 100

182 95.7 79.0 118.6

145 32.3 25.4 38.2

