

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090823\
 Data File : VW027029.D
 Acq On : 08 Sep 2023 16:42
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 09 03:02:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	393989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	409220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	239068	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	155413	22.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.320%
7) Chloroethane-d5	2.893	69	144197	25.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.520%
11) 1,1-Dichloroethene-d2	4.027	65	56223	21.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.680%
21) 2-Butanone-d5	7.075	46	81305	59.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.900%
24) Chloroform-d	7.648	84	316411	26.989	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.960%
26) 1,2-Dichloroethane-d4	8.307	65	171320	27.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	8.276	84	630601	23.493	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.276	67	197962	25.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.318	98	556482	22.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	10.581	79	72542	23.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.880%
47) 2-Hexanone-d5	10.922	63	45140	61.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185577	30.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.400%#
66) 1,2-Dichlorobenzene-d4	13.854	152	184367	22.298	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	108281	23.891	ug/L	94
3) Chloromethane	2.228	50	197671	28.915	ug/L	98
5) Vinyl chloride	2.381	62	206105	26.430	ug/L	95
6) Bromomethane	2.783	94	144145	28.008	ug/L	94
8) Chloroethane	2.930	64	136670	27.931	ug/L	99
9) Trichlorofluoromethane	3.265	101	111305	24.602	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	157237	27.985	ug/L #	86
12) 1,1-Dichloroethene	4.051	96	136749	24.565	ug/L	95
13) Acetone	4.124	43	63651	53.599	ug/L	99
14) Carbon disulfide	4.393	76	472613	26.471	ug/L	97
15) Methyl Acetate	4.667	43	89876	36.400	ug/L #	90
16) Methylene chloride	4.929	84	177621	23.270	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	159879	26.241	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	250532	29.530	ug/L	97
19) 1,1-Dichloroethane	6.216	63	338233	29.450	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	182686	27.247	ug/L	93
22) 2-Butanone	7.173	43	118284	61.903	ug/L	96
23) Bromochloromethane	7.514	128	86856	29.850	ug/L	93
25) Chloroform	7.679	83	337393	29.952	ug/L	95

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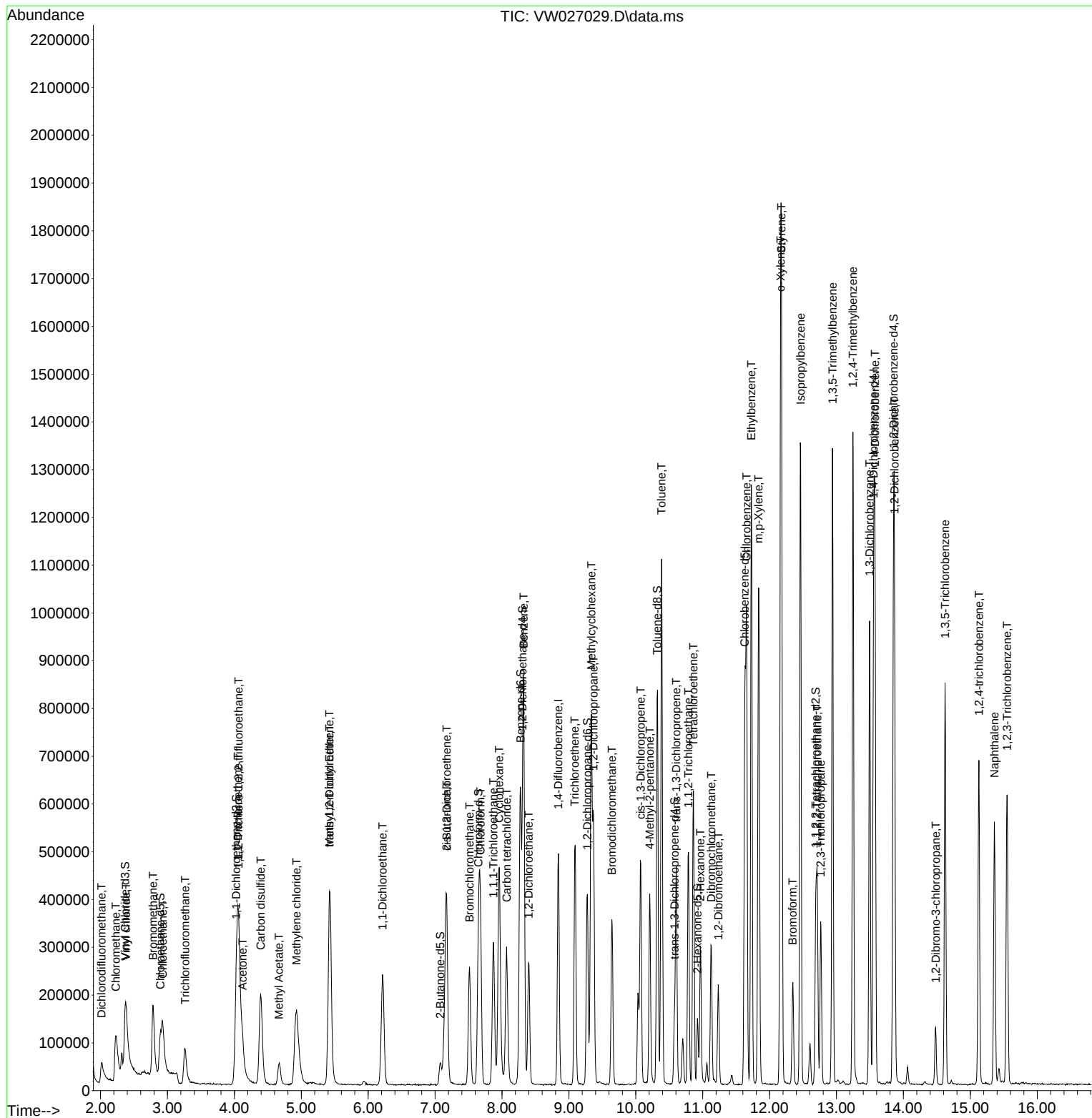
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	235901	33.134	ug/L	98
29) Cyclohexane	7.959	56	260569	24.422	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	242351	26.145	ug/L	98
31) Carbon tetrachloride	8.069	117	216479	26.203	ug/L	99
33) Benzene	8.325	78	743209	26.557	ug/L	100
34) Trichloroethene	9.087	95	183475	25.515	ug/L	96
35) Methylcyclohexane	9.337	83	296753	24.289	ug/L	95
37) 1,2-Dichloropropane	9.367	63	204891	28.689	ug/L	100
38) Bromodichloromethane	9.642	83	236680	28.140	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	275585	25.993	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	257480	69.833	ug/L	97
42) Toluene	10.386	91	789906	27.427	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	242840	28.206	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	150501	29.253	ug/L	99
46) Tetrachloroethene	10.861	164	132553	24.149	ug/L	87
48) 2-Hexanone	10.965	43	179094	71.272	ug/L	96
49) Dibromochloromethane	11.129	129	157678	29.753	ug/L	91
50) 1,2-Dibromoethane	11.233	107	135585	29.110	ug/L	99
51) Chlorobenzene	11.654	112	481401	25.950	ug/L	98
52) Ethylbenzene	11.727	91	857422	26.854	ug/L	99
53) m,p-Xylene	11.836	106	316136	26.175	ug/L	92
54) o-Xylene	12.166	106	308501	27.299	ug/L	97
55) Styrene	12.178	104	572987	29.708	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	196539	32.292	ug/L	95
59) Bromoform	12.343	173	95787	28.174	ug/L	99
60) Isopropylbenzene	12.464	105	839763	25.642	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	145233	31.756	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	652912	24.984	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	678878	26.571	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	359242	24.113	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	397743	26.266	ug/L	83
67) 1,2-Dichlorobenzene	13.867	146	354301	26.394	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	32590	31.424	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	242975	23.477	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	211507	25.100	ug/L	94
71) Naphthalene	15.360	128	446344	29.935	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	195003	25.528	ug/L	97

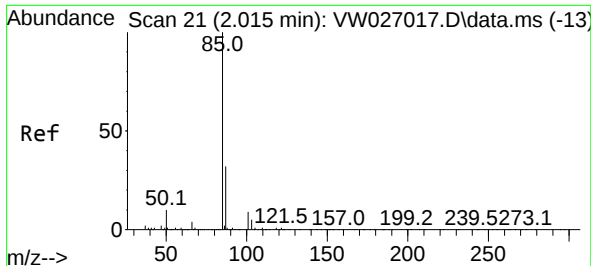
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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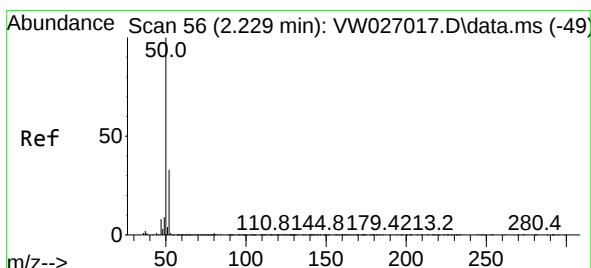
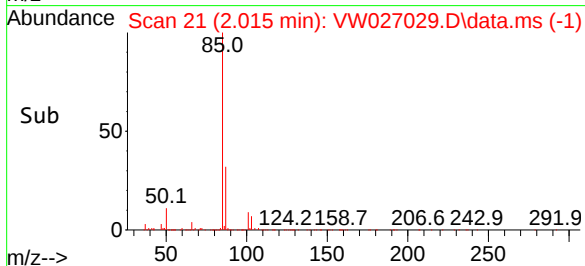
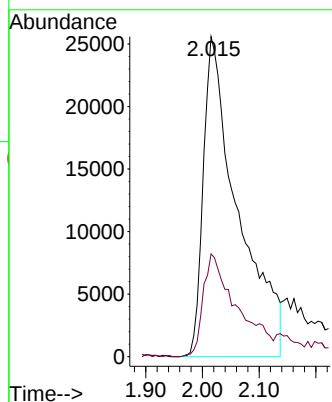
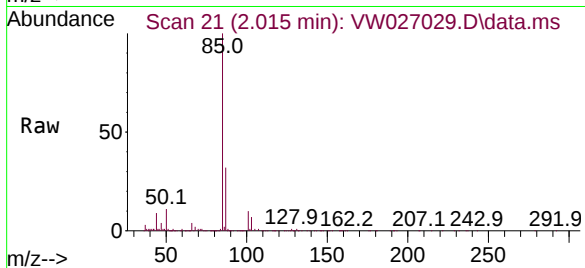




#2
Dichlorodifluoromethane
Concen: 23.891 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

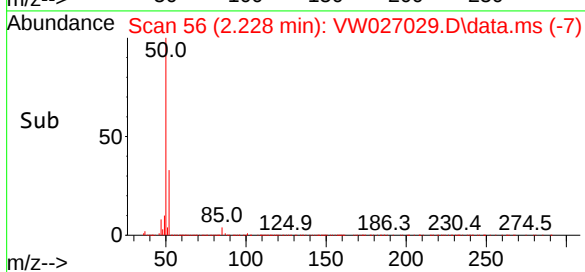
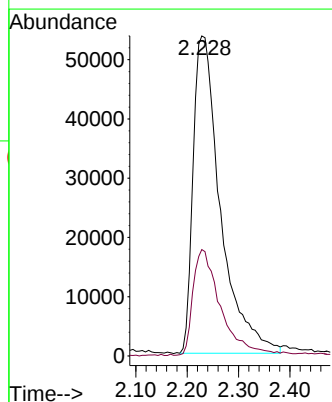
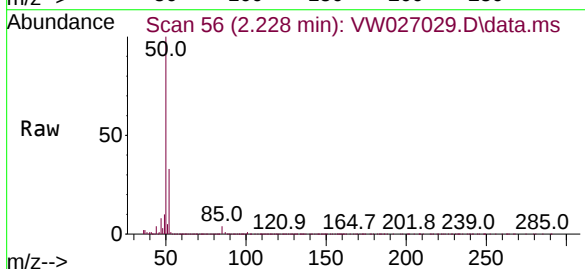
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MSVOA_W
ClientSampleId :

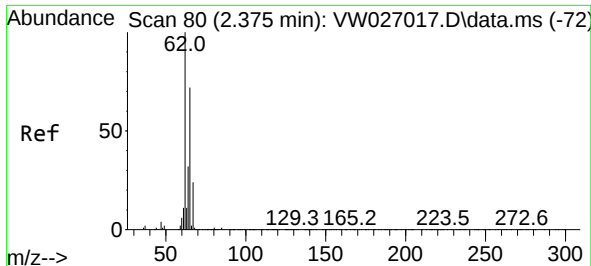
Tgt Ion: 85 Resp: 108281
Ion Ratio Lower Upper
85 100
87 20.9 19.1 28.7



#3
Chloromethane
Concen: 28.915 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 50 Resp: 197671
Ion Ratio Lower Upper
50 100
52 33.3 24.1 44.7

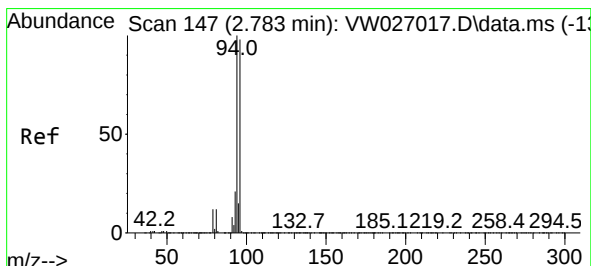
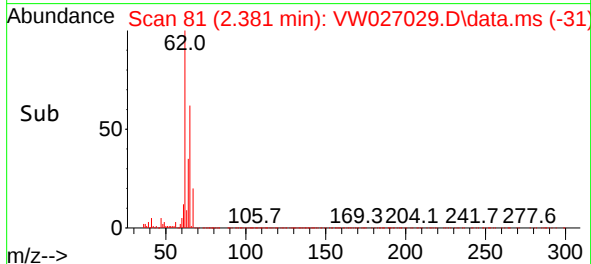
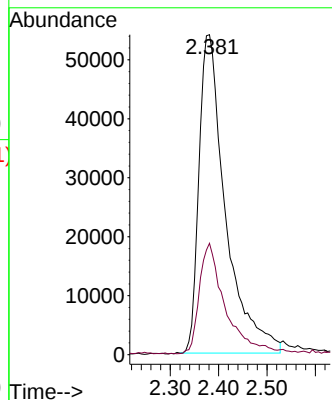
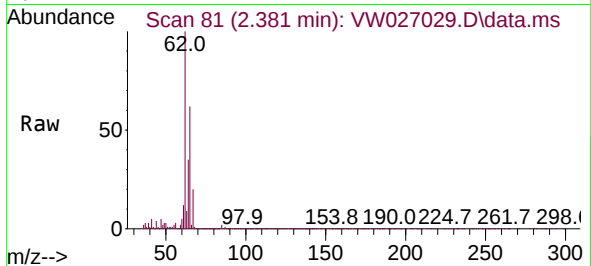




#5
 Vinyl chloride
 Concen: 26.430 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027029.D
 Acq: 08 Sep 2023 16:42

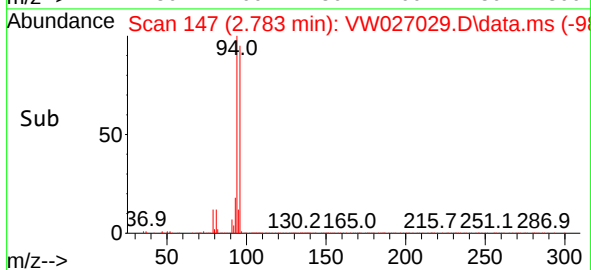
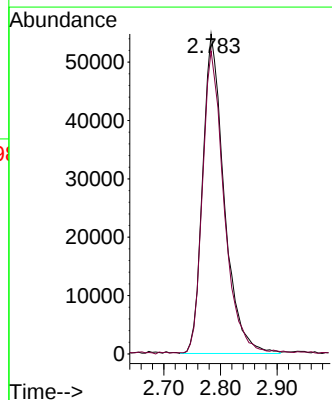
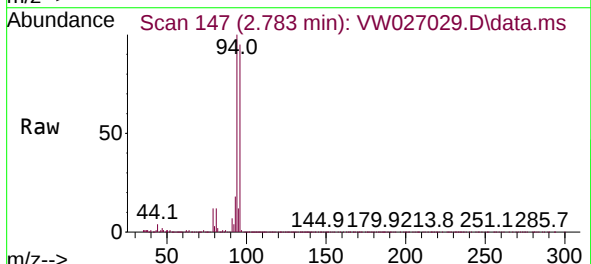
Instrument :
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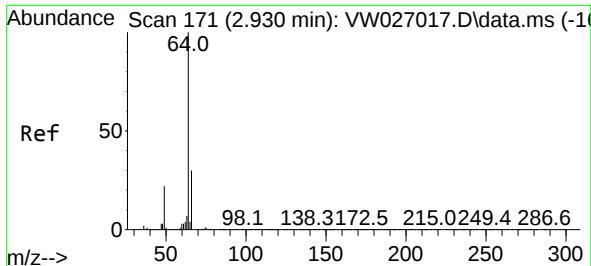
Tgt Ion: 62 Resp: 206105
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.3 41.3



#6
 Bromomethane
 Concen: 28.008 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW027029.D
 Acq: 08 Sep 2023 16:42

Tgt Ion: 94 Resp: 144145
 Ion Ratio Lower Upper
 94 100
 96 94.7 62.6 116.2

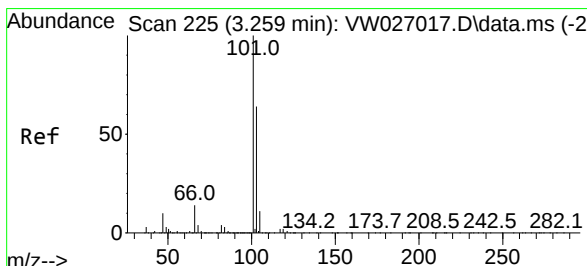
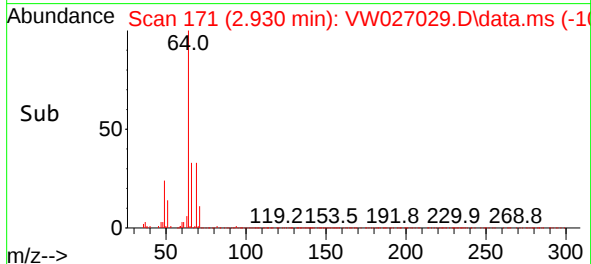
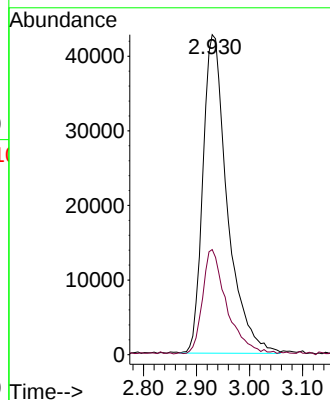
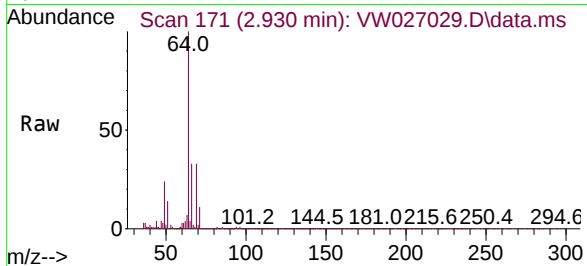




#8
Chloroethane
Concen: 27.931 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

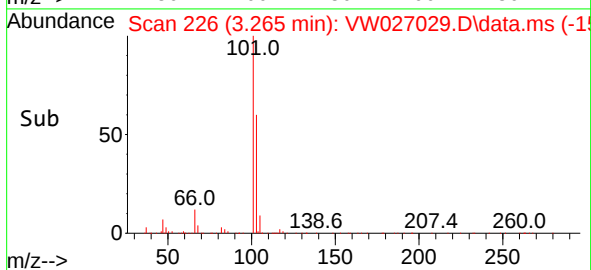
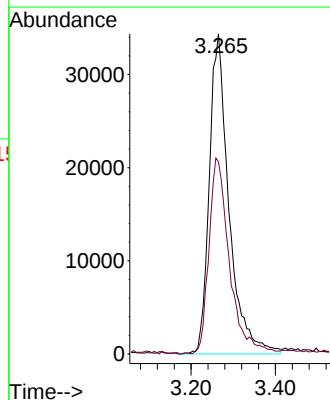
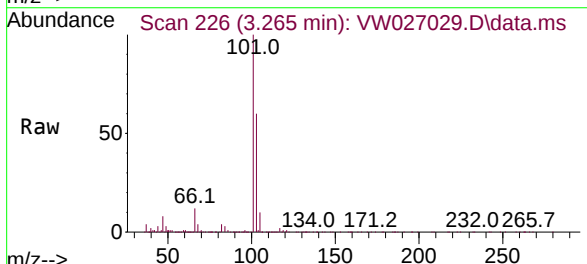
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MSVOA_W
ClientSampleId :

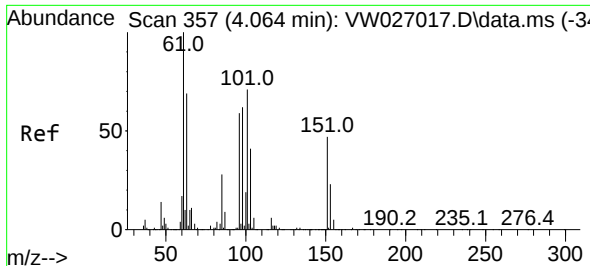
Tgt Ion: 64 Resp: 136670
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 24.602 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 101 Resp: 111305
Ion Ratio Lower Upper
101 100
103 60.1 50.2 75.4

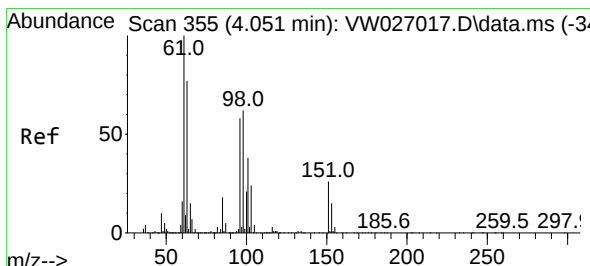
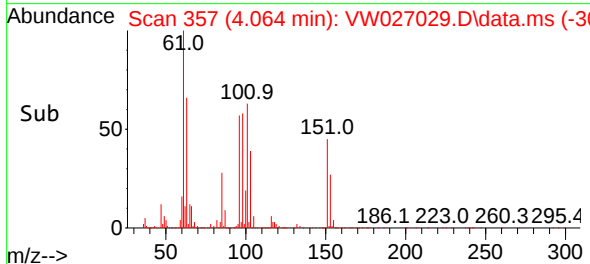
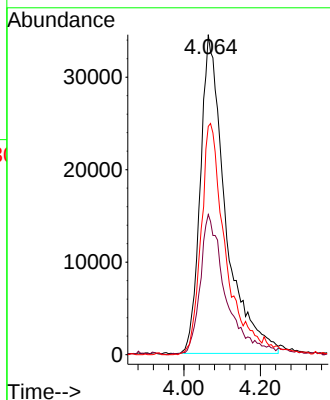
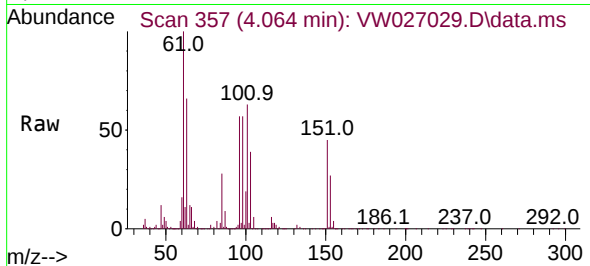




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.985 ug/L
 RT: 4.064 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW027029.D
 Acq: 08 Sep 2023 16:42

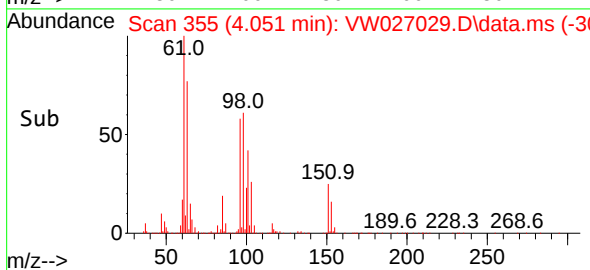
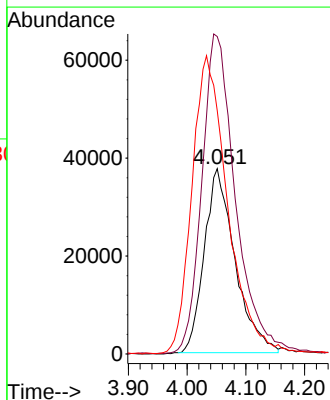
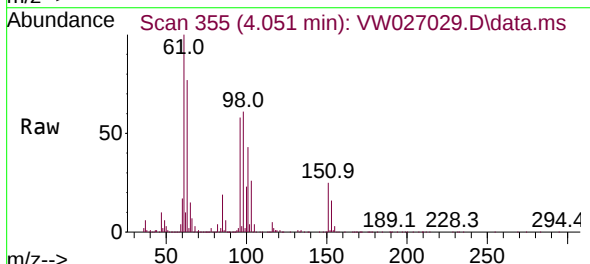
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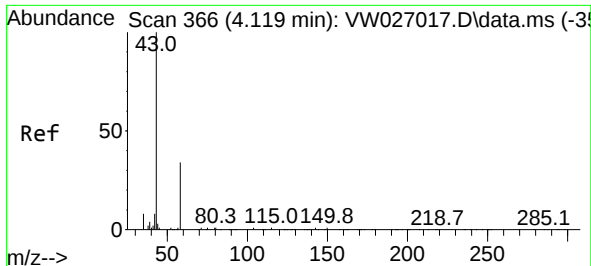
Tgt Ion:101 Resp: 157237
 Ion Ratio Lower Upper
 101 100
 85 25.0 31.1 46.7#
 151 60.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.565 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW027029.D
 Acq: 08 Sep 2023 16:42

Tgt Ion: 96 Resp: 136749
 Ion Ratio Lower Upper
 96 100
 61 171.3 117.0 217.4
 63 131.4 97.3 180.7

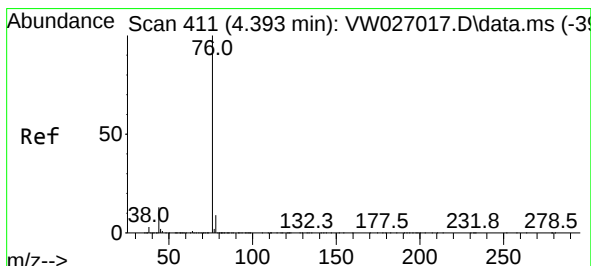
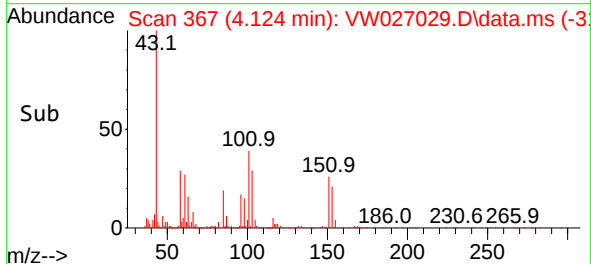
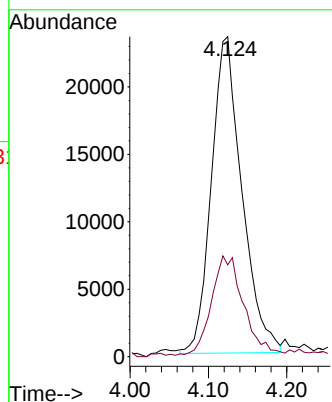
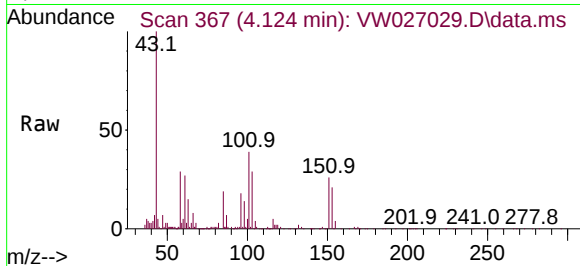




#13
Acetone
Concen: 53.599 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

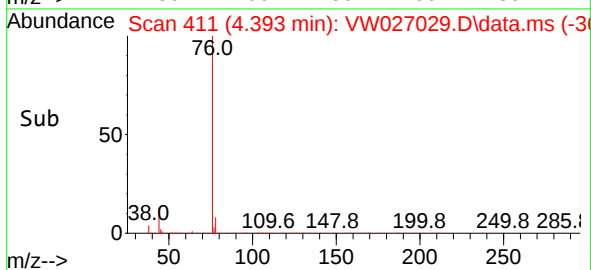
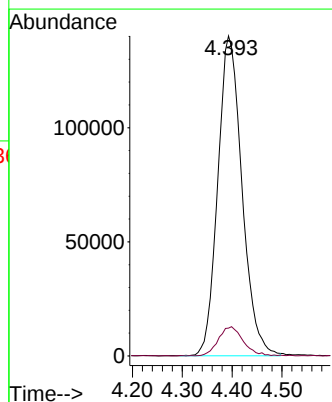
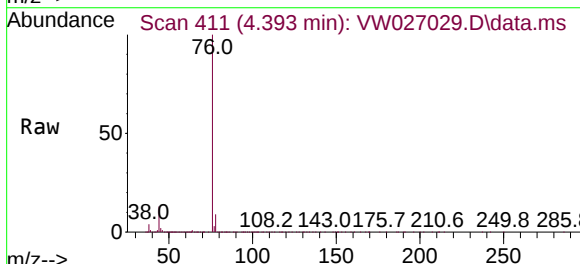
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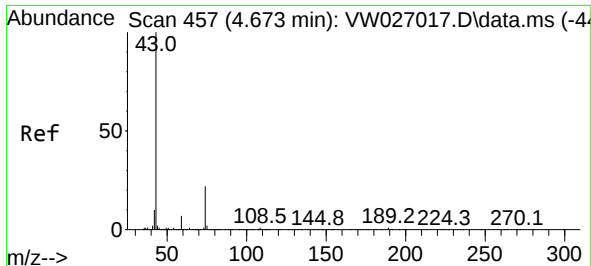
Tgt Ion: 43 Resp: 63651
Ion Ratio Lower Upper
43 100
58 32.9 0.0 66.4



#14
Carbon disulfide
Concen: 26.471 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 472613
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

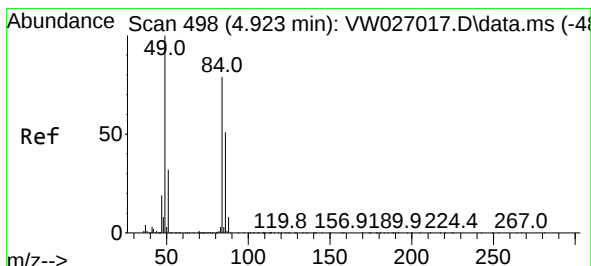
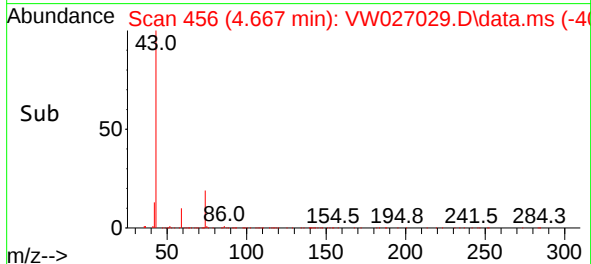
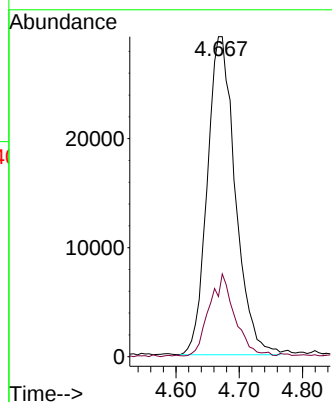
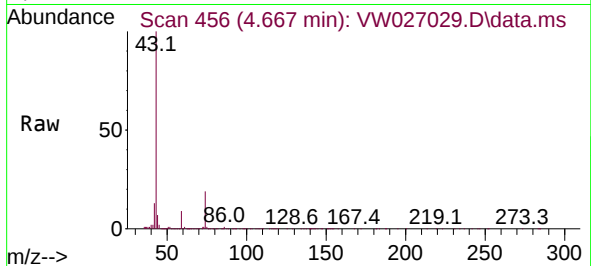




#15
Methyl Acetate
Concen: 36.400 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

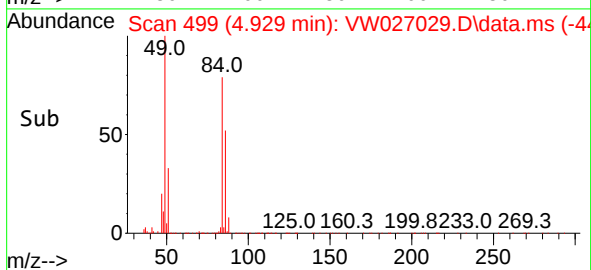
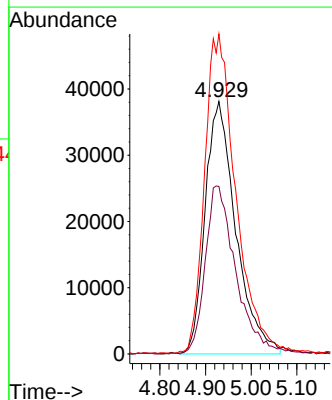
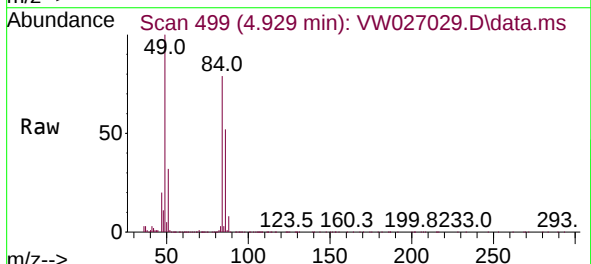
Instrument :
MSVOA_W
ClientSampleId :

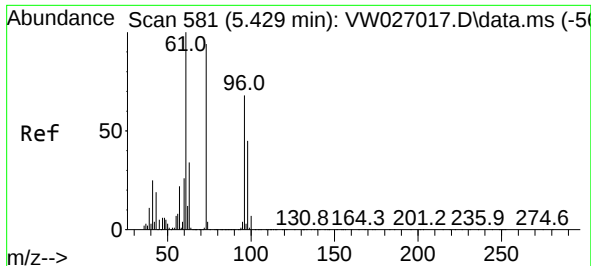
Tgt Ion: 43 Resp: 89876
Ion Ratio Lower Upper
43 100
74 23.1 0.1 0.1#



#16
Methylene chloride
Concen: 23.270 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 84 Resp: 177621
Ion Ratio Lower Upper
84 100
86 66.4 44.1 81.9
49 126.7 82.1 152.5

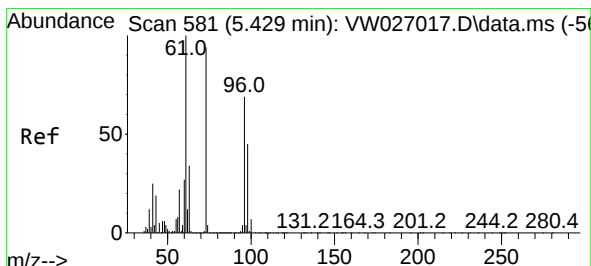
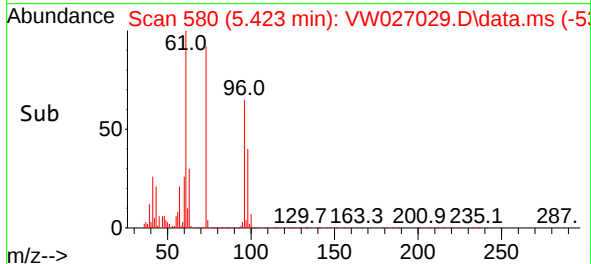
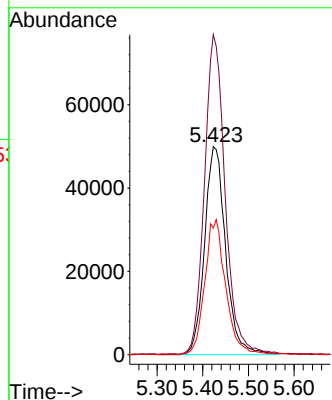
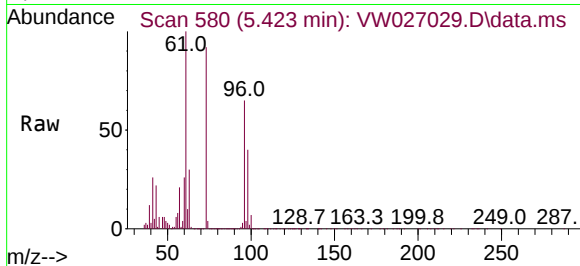




#17
trans-1,2-Dichloroethene
Concen: 26.241 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

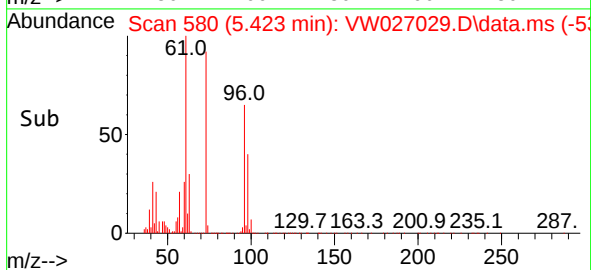
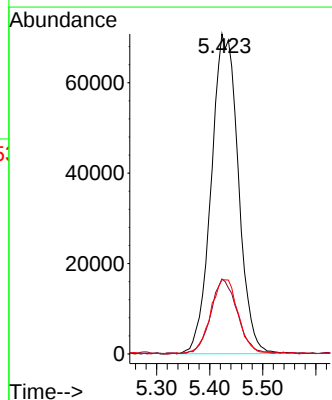
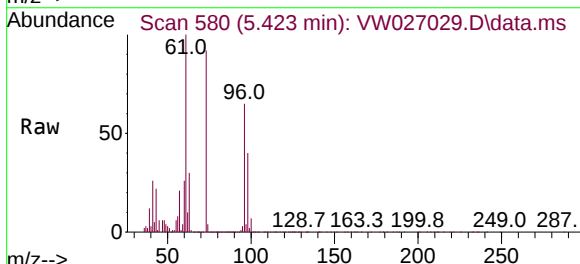
Instrument :
MSVOA_W
ClientSampleId :

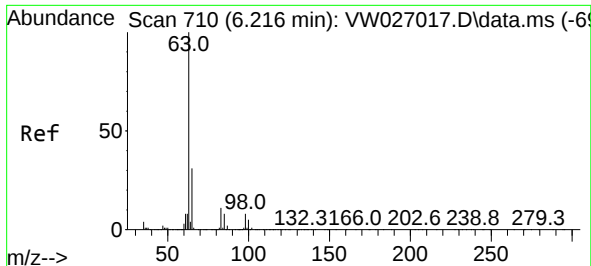
Tgt Ion: 96 Resp: 159879
Ion Ratio Lower Upper
96 100
61 153.8 100.3 186.3
98 60.8 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 29.530 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 73 Resp: 250532
Ion Ratio Lower Upper
73 100
43 23.1 16.5 24.7
57 23.2 18.5 27.7





#19

1,1-Dichloroethane

Concen: 29.450 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

ClientSampleId :

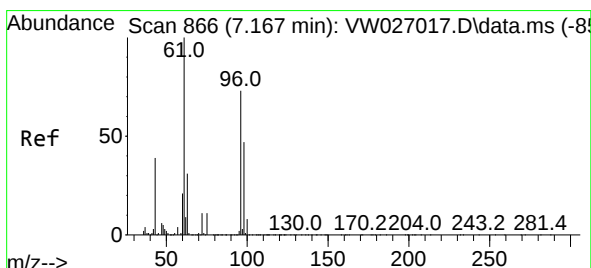
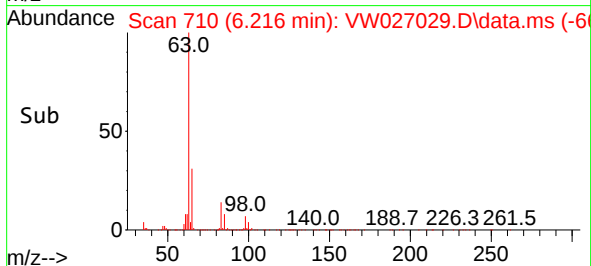
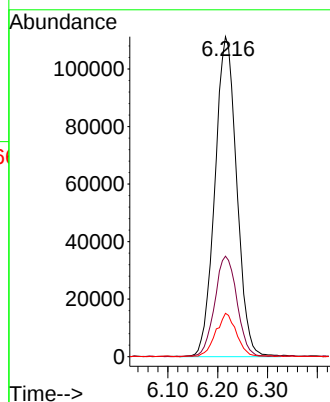
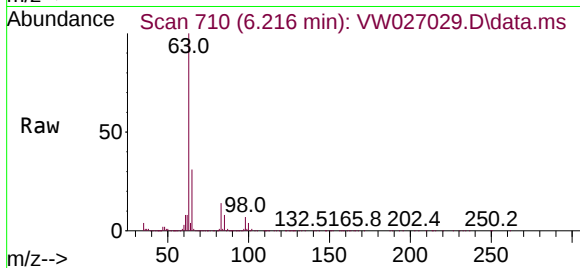
Tgt Ion: 63 Resp: 338233

Ion Ratio Lower Upper

63 100

65 31.4 22.1 41.1

83 13.6 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 27.247 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

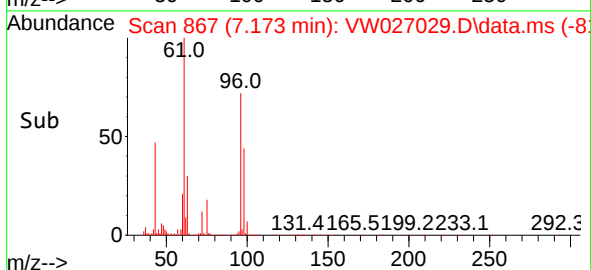
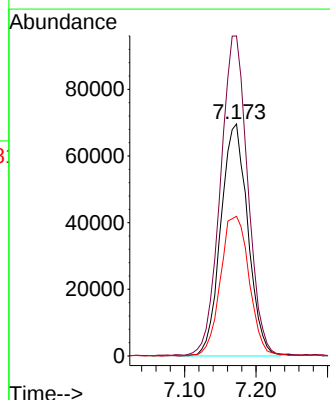
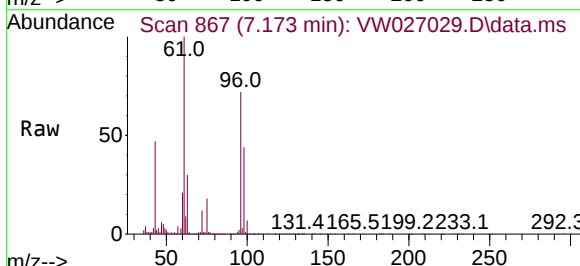
Tgt Ion: 96 Resp: 182686

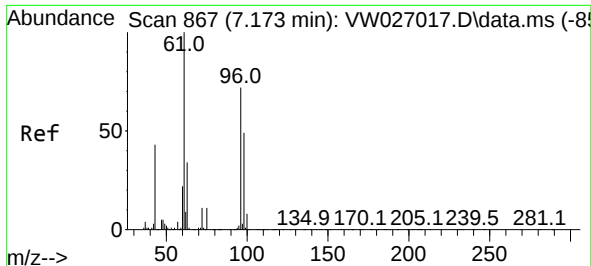
Ion Ratio Lower Upper

96 100

61 138.0 89.0 165.4

98 60.2 43.6 81.0

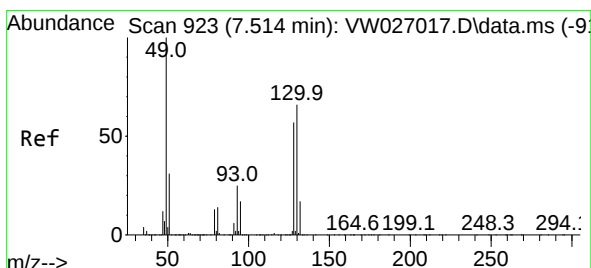
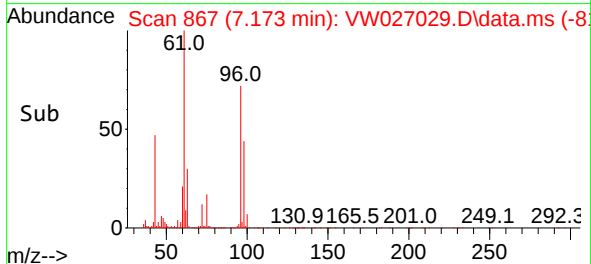
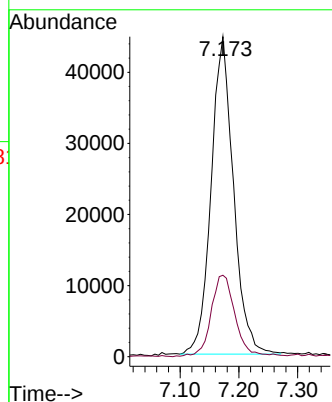
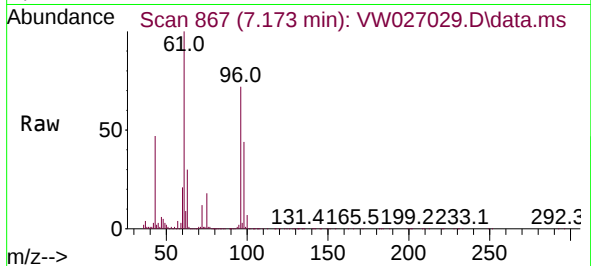




#22
2-Butanone
Concen: 61.903 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

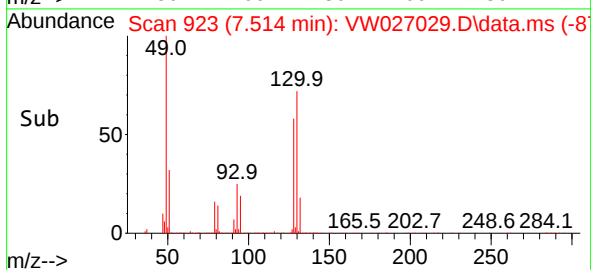
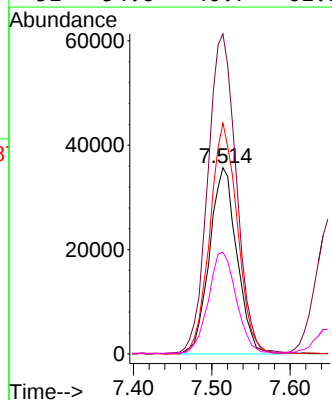
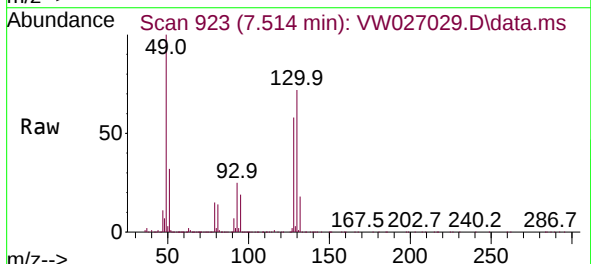
Instrument :
MSVOA_W
ClientSampleId :

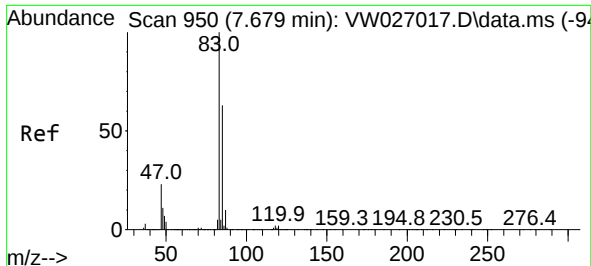
Tgt Ion: 43 Resp: 118284
Ion Ratio Lower Upper
43 100
72 26.8 14.4 43.0



#23
Bromochloromethane
Concen: 29.850 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 128 Resp: 86856
Ion Ratio Lower Upper
128 100
49 171.8 111.6 207.2
130 124.0 90.9 168.7
51 54.6 40.7 61.1

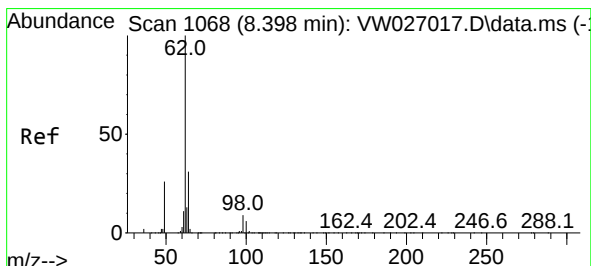
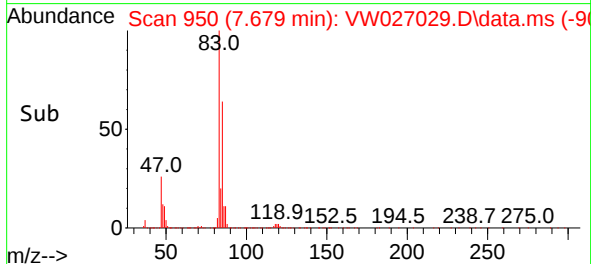
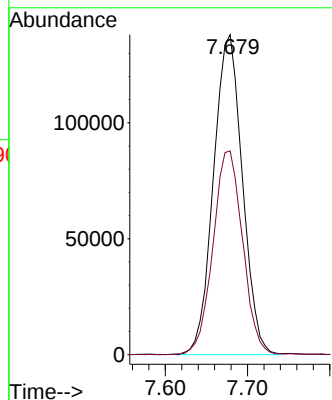
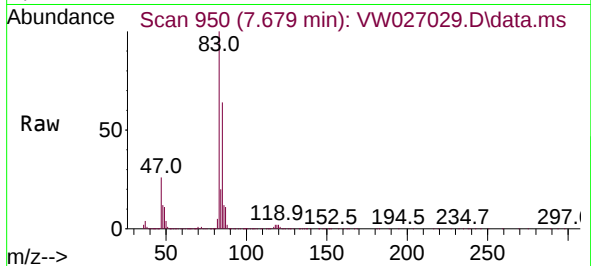




#25
Chloroform
Concen: 29.952 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

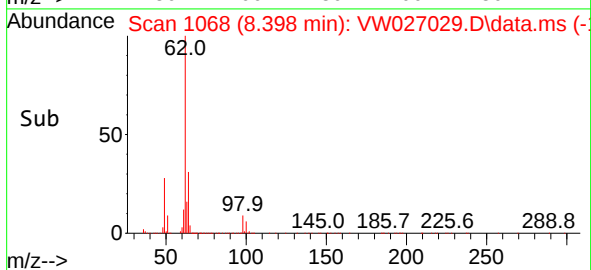
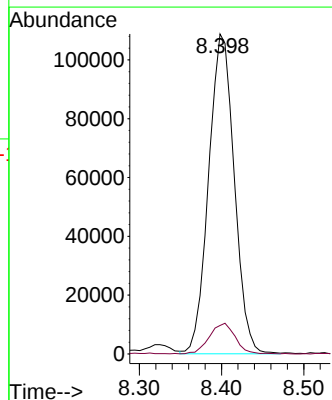
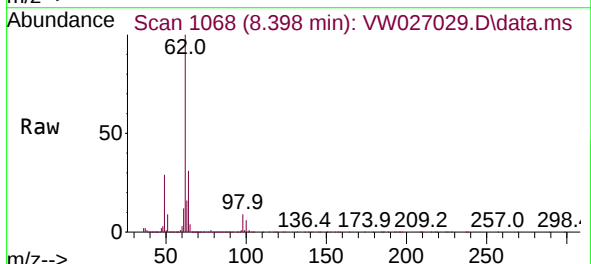
Instrument :
MSVOA_W
ClientSampleId :

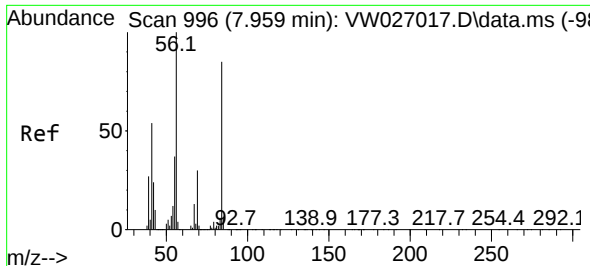
Tgt Ion: 83 Resp: 337393
Ion Ratio Lower Upper
83 100
85 63.7 47.3 87.9



#27
1,2-Dichloroethane
Concen: 33.134 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 62 Resp: 235901
Ion Ratio Lower Upper
62 100
98 8.9 7.6 11.4





#29

Cyclohexane

Concen: 24.422 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

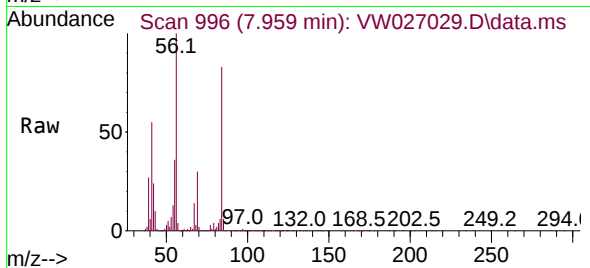
Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

ClientSampleId :



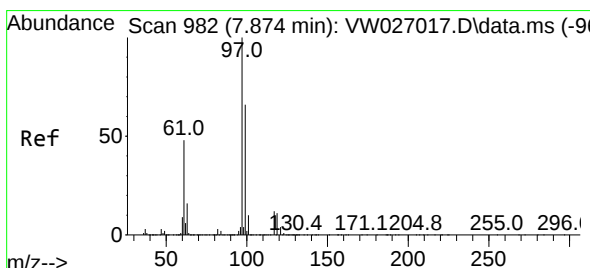
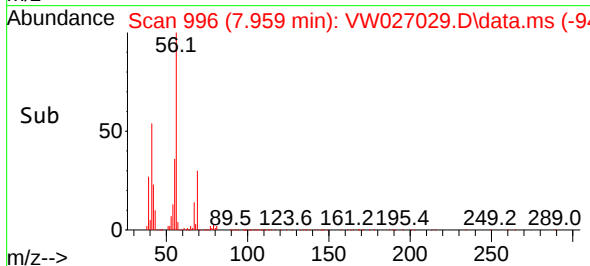
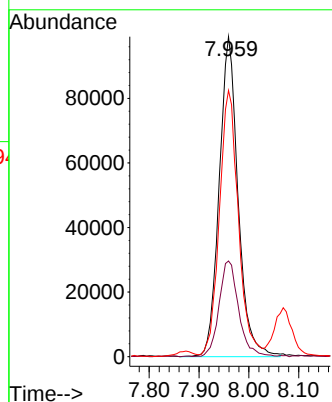
Tgt Ion: 56 Resp: 260569

Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 83.4 68.2 102.4



#30

1,1,1-Trichloroethane

Concen: 26.145 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

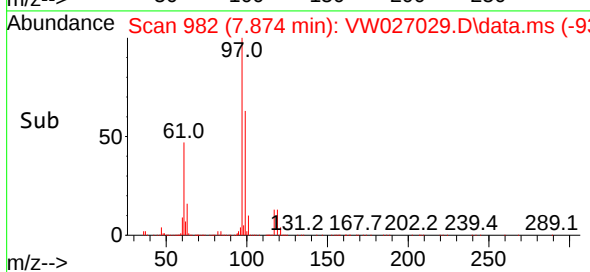
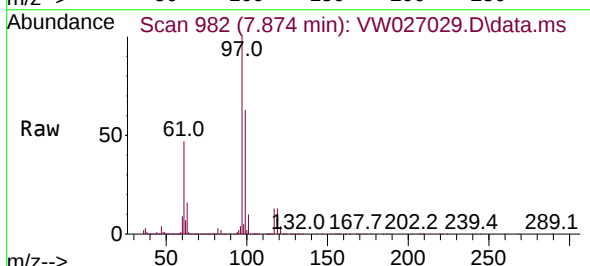
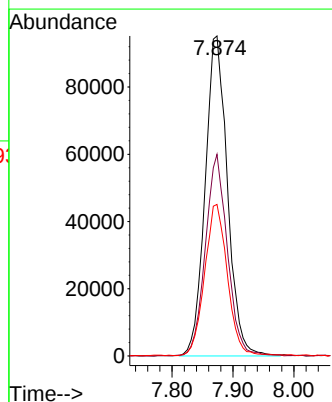
Tgt Ion: 97 Resp: 242351

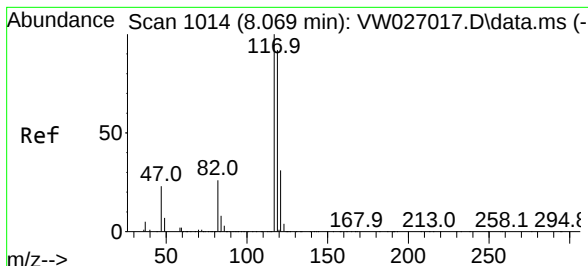
Ion Ratio Lower Upper

97 100

99 62.0 50.8 76.2

61 48.0 37.6 56.4

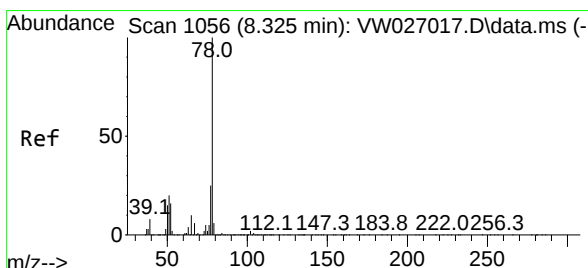
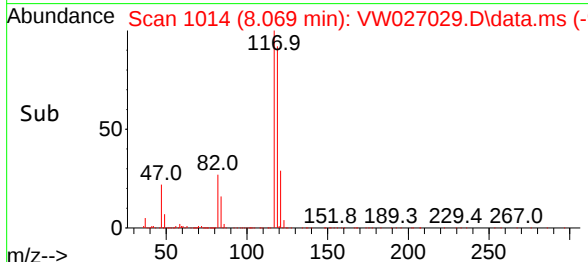
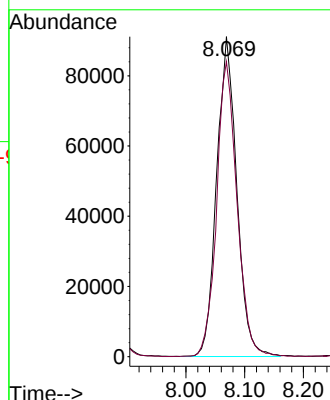
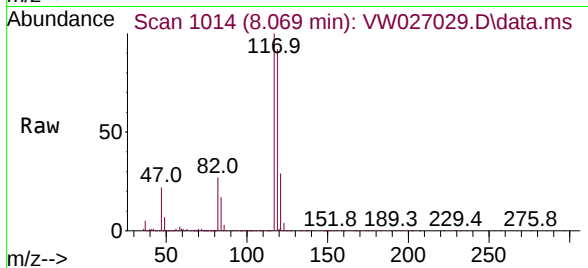




#31
Carbon tetrachloride
Concen: 26.203 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

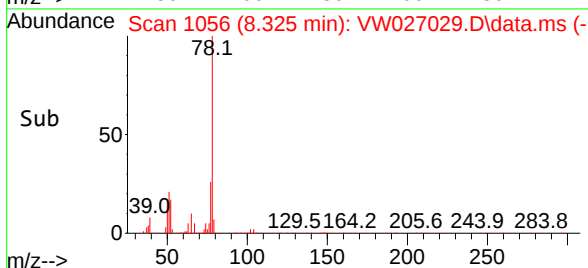
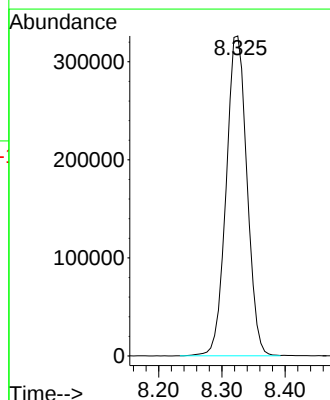
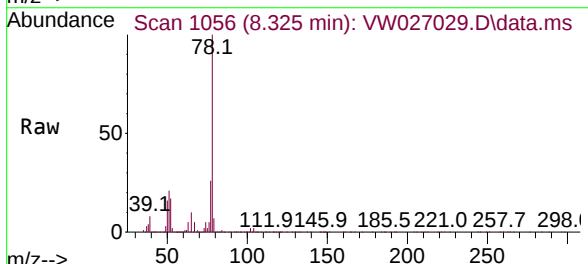
Instrument :
MSVOA_W
ClientSampleId :

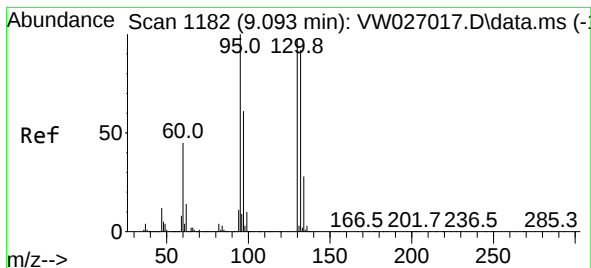
Tgt Ion:117 Resp: 216479
Ion Ratio Lower Upper
117 100
119 93.9 76.1 114.1



#33
Benzene
Concen: 26.557 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 78 Resp: 743209





#34

Trichloroethene

Concen: 25.515 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

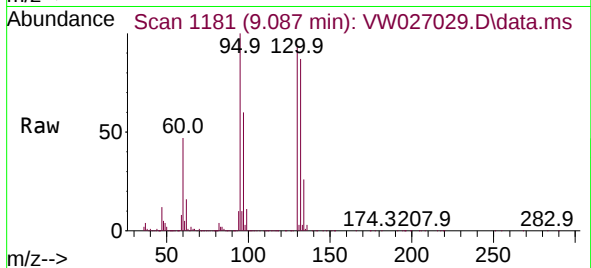
Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 183475

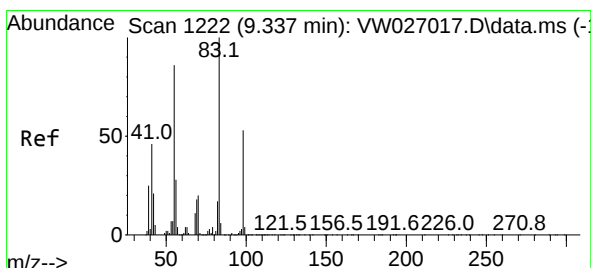
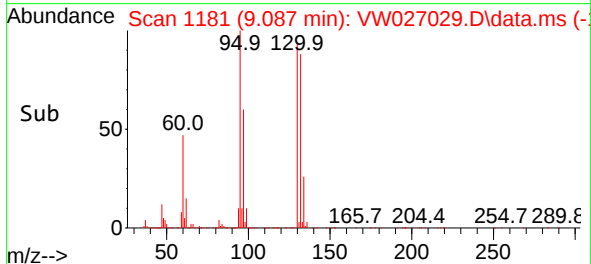
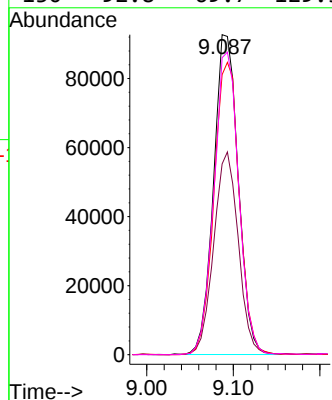
Ion Ratio Lower Upper

95 100

97 59.6 42.4 78.8

132 87.5 63.1 117.3

130 92.8 69.7 129.5



#35

Methylcyclohexane

Concen: 24.289 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

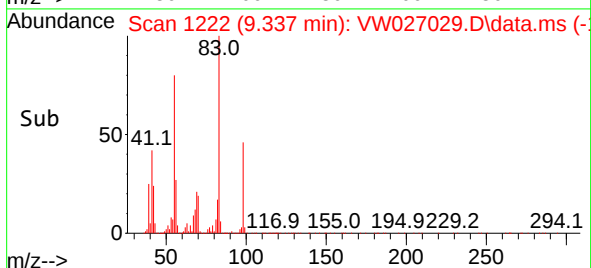
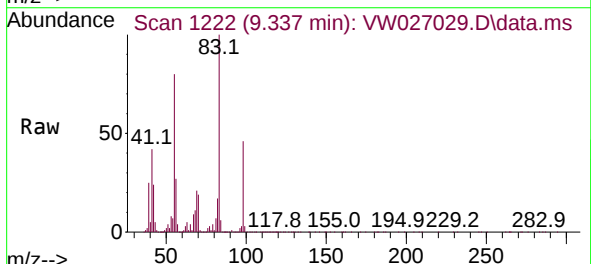
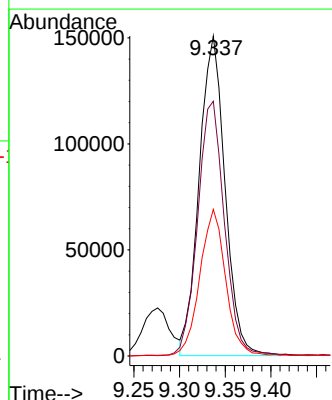
Tgt Ion: 83 Resp: 296753

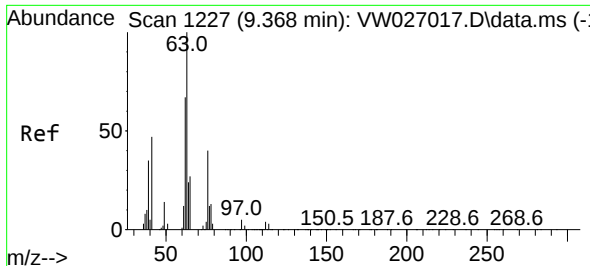
Ion Ratio Lower Upper

83 100

55 82.4 61.7 92.5

98 45.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 28.689 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

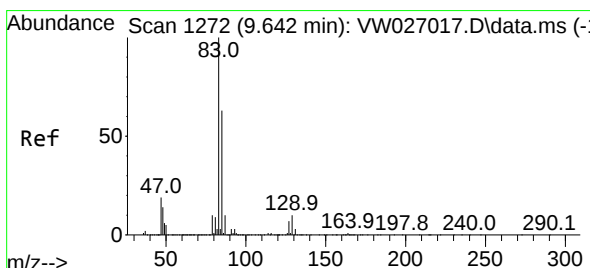
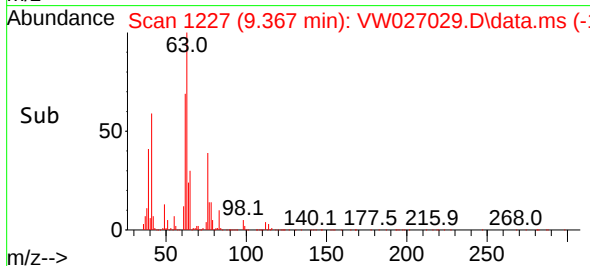
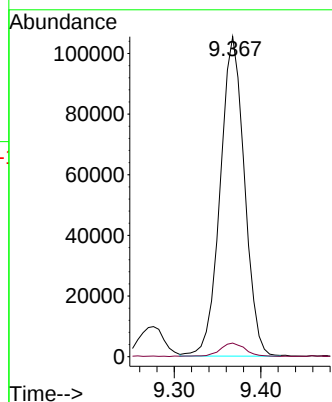
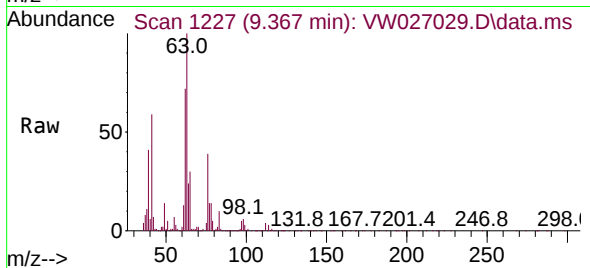
ClientSampleId :

Tgt Ion: 63 Resp: 204891

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 28.140 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

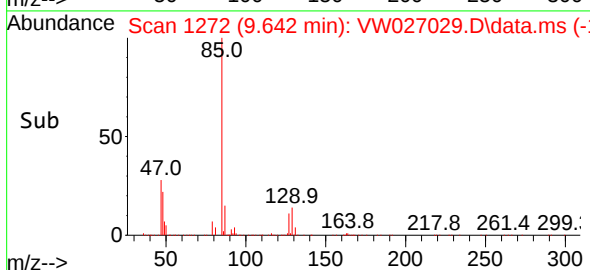
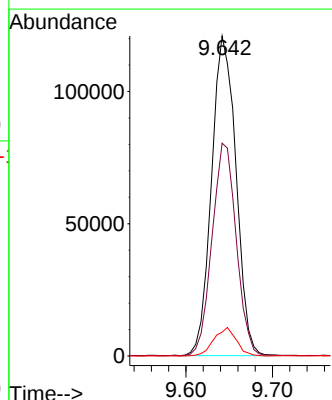
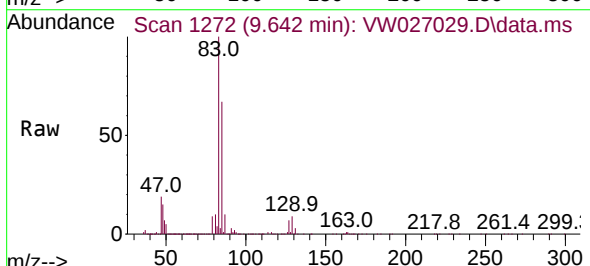
Tgt Ion: 83 Resp: 236680

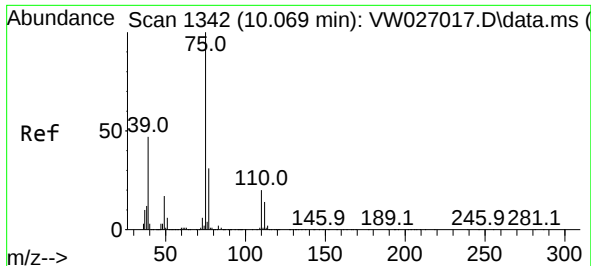
Ion Ratio Lower Upper

83 100

85 66.5 44.4 82.4

127 7.4 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.993 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

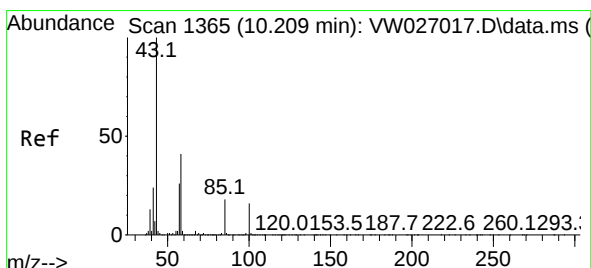
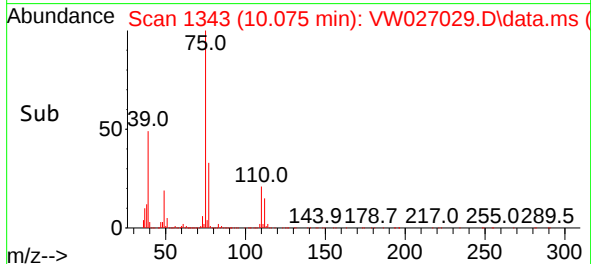
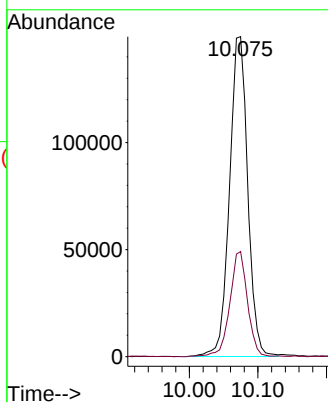
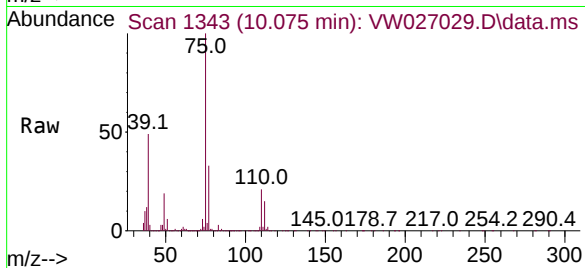
ClientSampleId :

Tgt Ion: 75 Resp: 275585

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 69.833 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

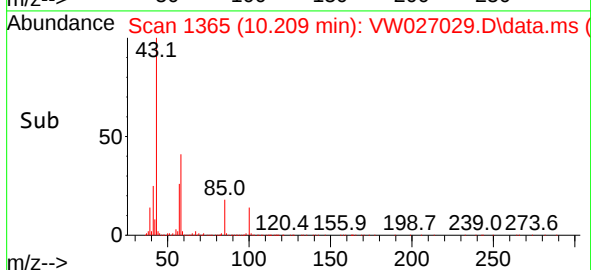
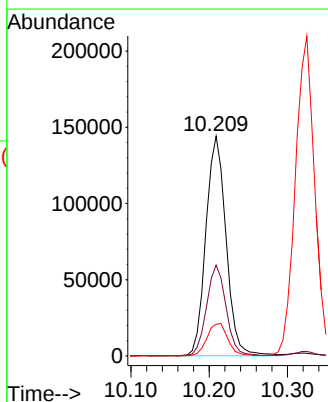
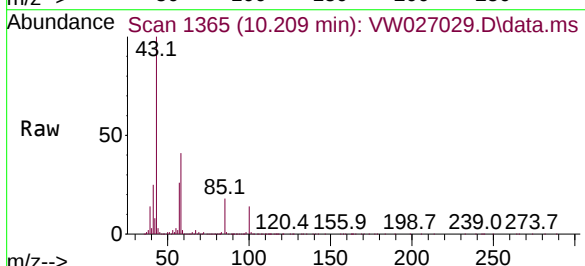
Tgt Ion: 43 Resp: 257480

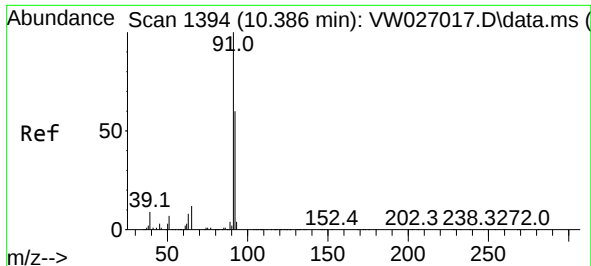
Ion Ratio Lower Upper

43 100

58 39.8 33.4 50.2

100 15.3 13.0 19.4

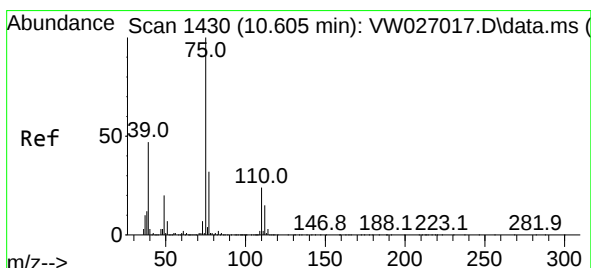
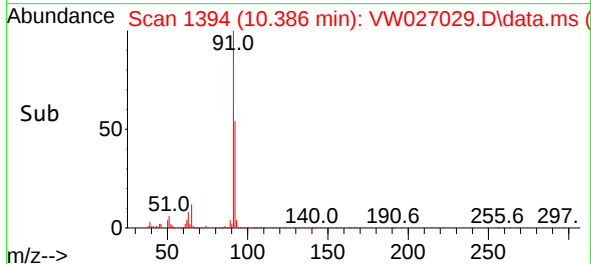
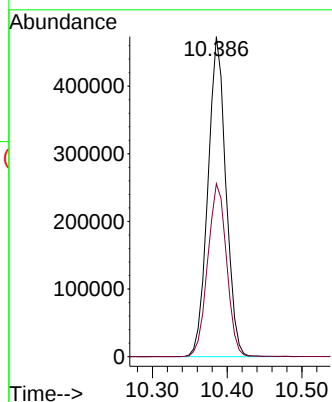
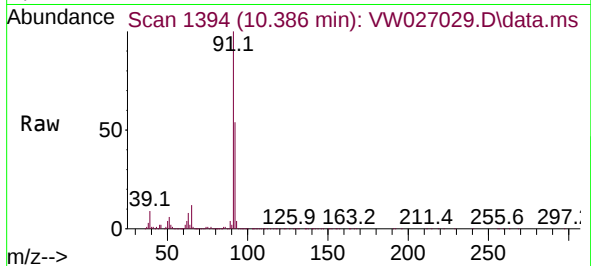




#42
Toluene
Concen: 27.427 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

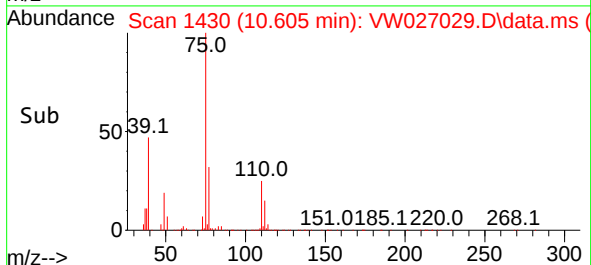
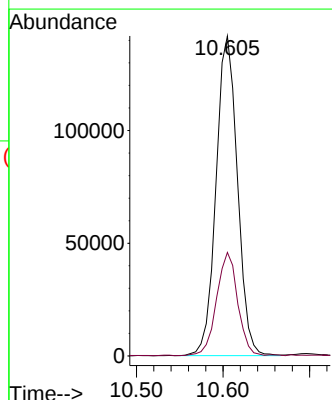
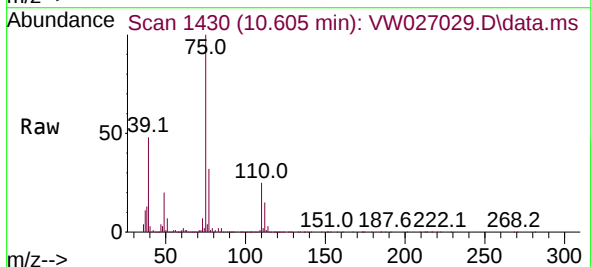
Instrument :
MSVOA_W
ClientSampleId :

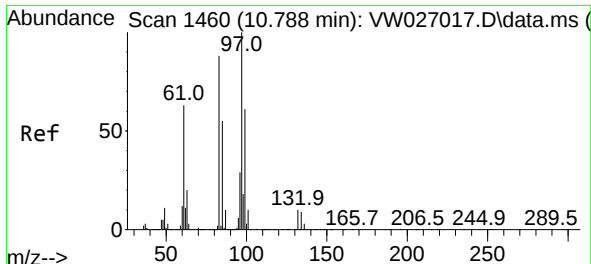
Tgt Ion: 91 Resp: 789906
Ion Ratio Lower Upper
91 100
92 54.1 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 28.206 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 75 Resp: 242840
Ion Ratio Lower Upper
75 100
77 32.4 23.0 42.6

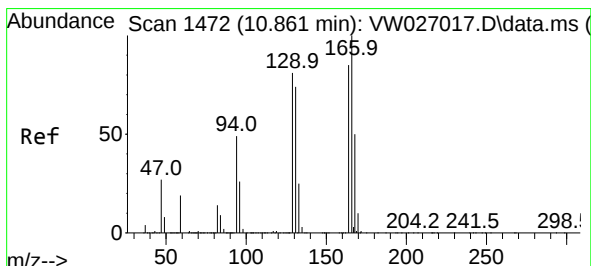
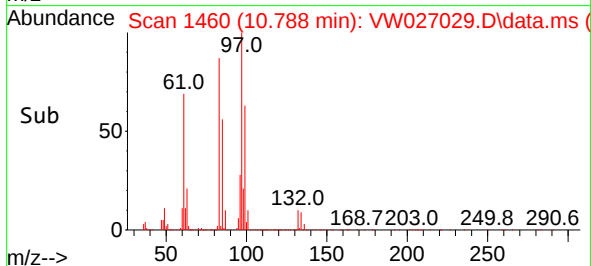
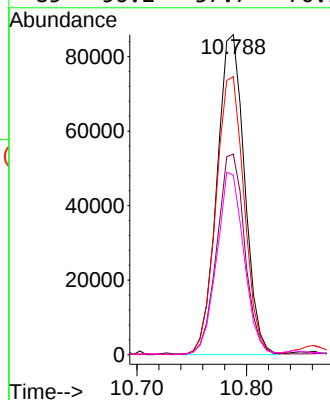
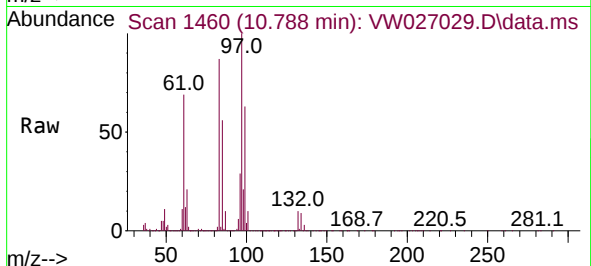




#45
1,1,2-Trichloroethane
Concen: 29.253 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

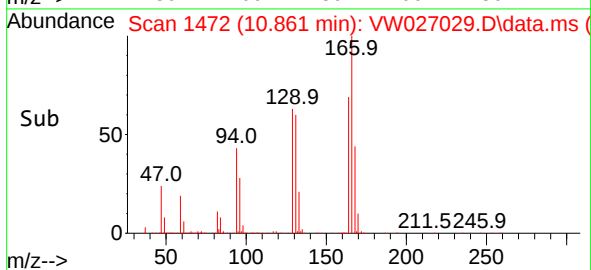
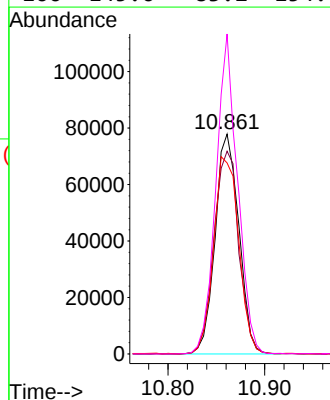
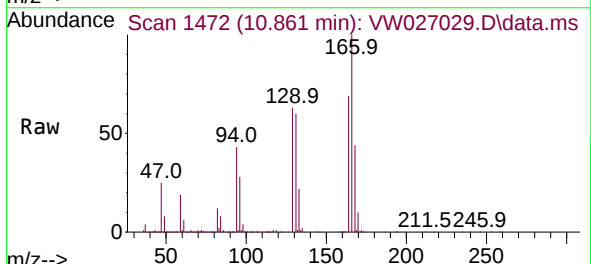
Instrument :
MSVOA_W
ClientSampleId :

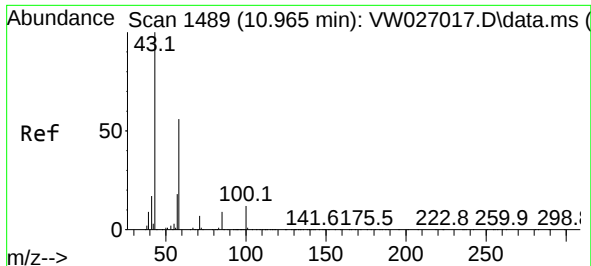
Tgt Ion: 97	Resp: 150501
Ion Ratio	Lower Upper
97 100	
99 62.7	44.7 82.9
83 86.9	60.9 113.1
85 56.2	37.7 70.1



#46
Tetrachloroethene
Concen: 24.149 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt	Ion:164	Resp:	132553
Ion	Ratio	Lower	Upper
164	100		
129	92.2	71.4	132.6
131	86.9	60.8	113.0
166	145.6	83.2	154.6

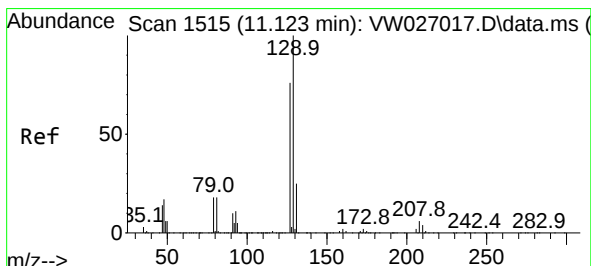
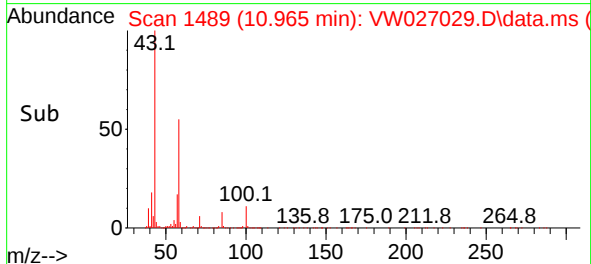
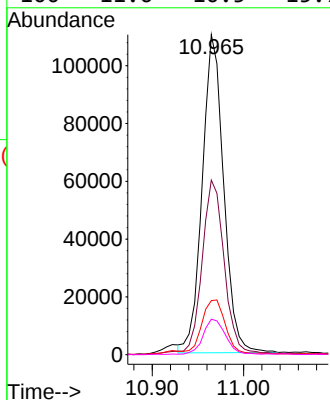
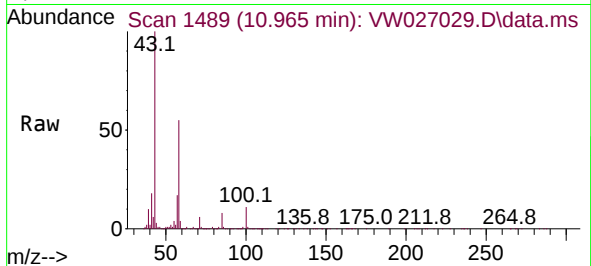




#48
2-Hexanone
Concen: 71.272 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

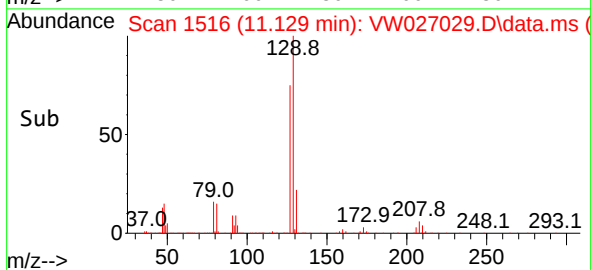
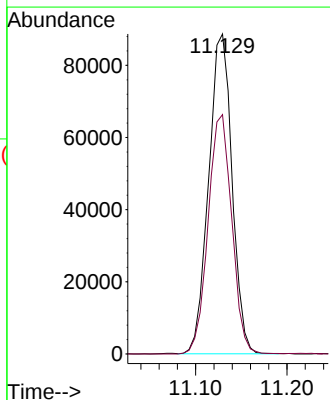
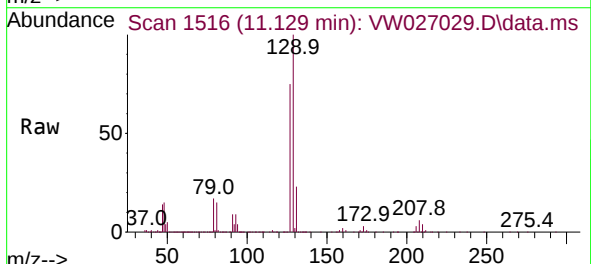
Instrument :
MSVOA_W
ClientSampleId :

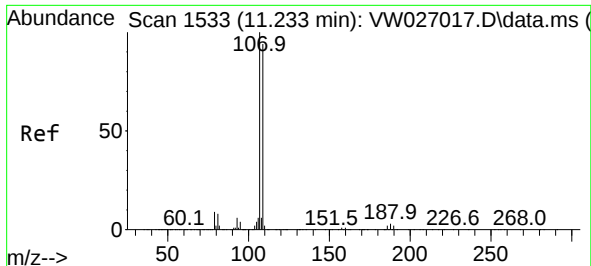
Tgt Ion:	43	Resp:	179094
Ion	Ratio	Lower	Upper
43	100		
58	55.7	47.5	71.3
57	18.8	15.2	22.8
100	11.6	10.5	15.7



#49
Dibromochloromethane
Concen: 29.753 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion:	129	Resp:	157678
Ion	Ratio	Lower	Upper
129	100		
127	74.8	47.5	88.3

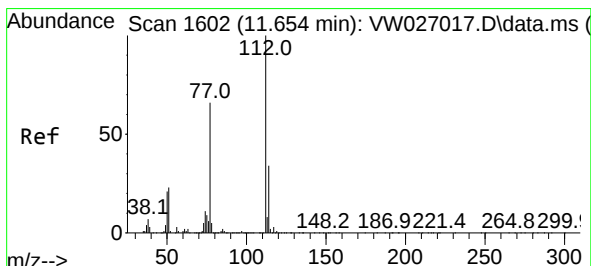
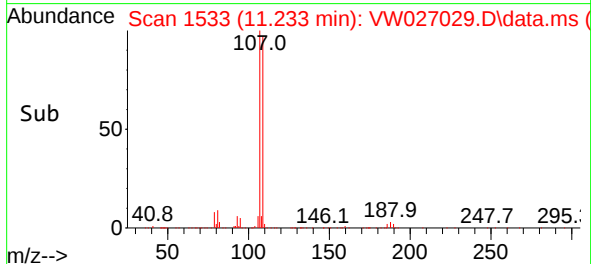
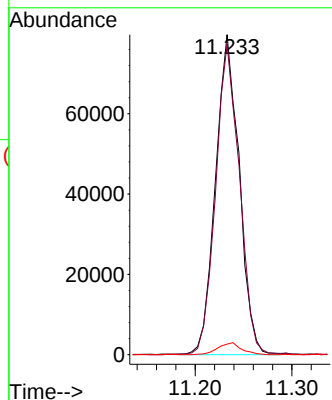
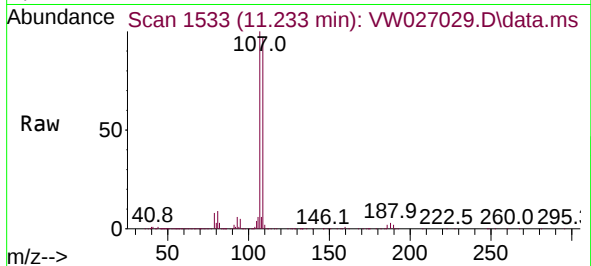




#50
1,2-Dibromoethane
Concen: 29.110 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

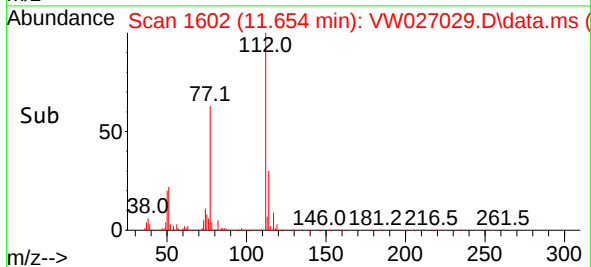
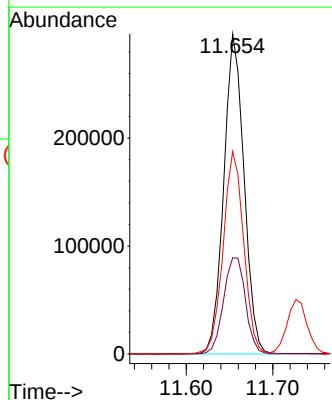
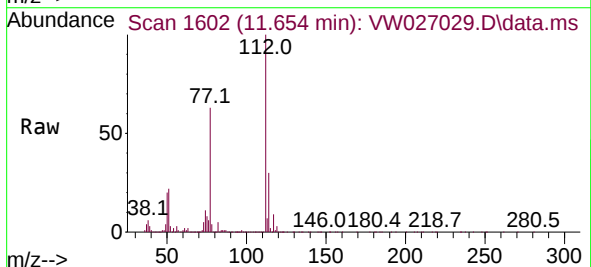
Instrument :
MSVOA_W
ClientSampleId :

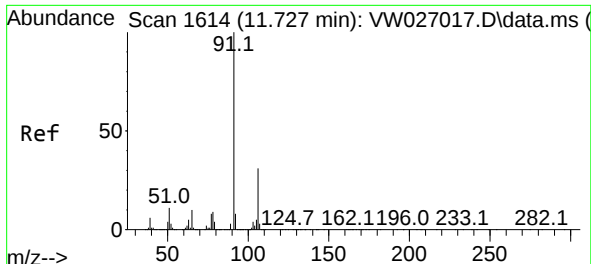
Tgt Ion:107 Resp: 135585
Ion Ratio Lower Upper
107 100
109 97.0 68.5 127.1
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 25.950 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion:112 Resp: 481401
Ion Ratio Lower Upper
112 100
114 30.0 20.5 38.1
77 63.2 49.5 74.3

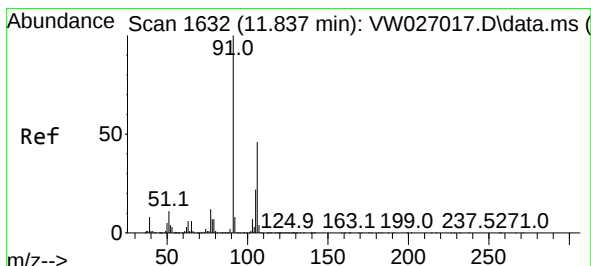
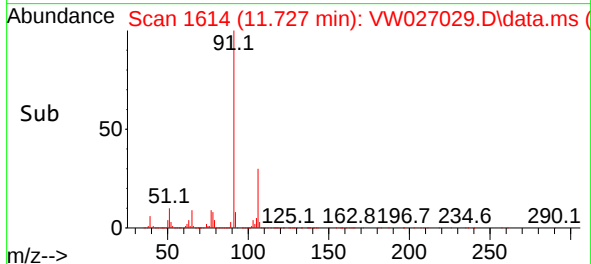
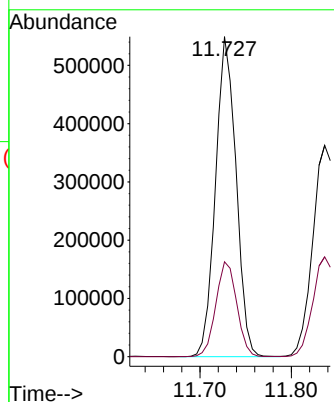
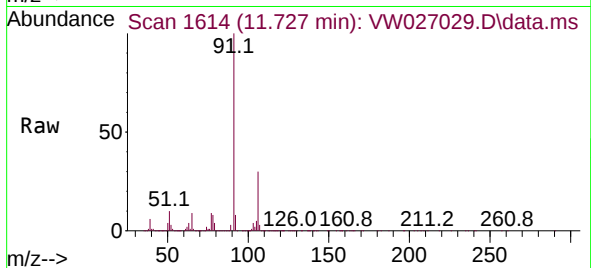




#52
Ethylbenzene
Concen: 26.854 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

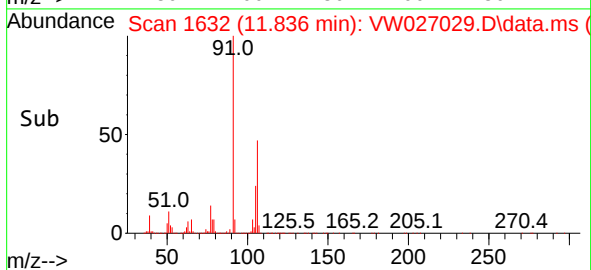
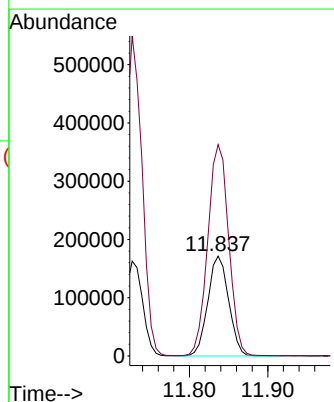
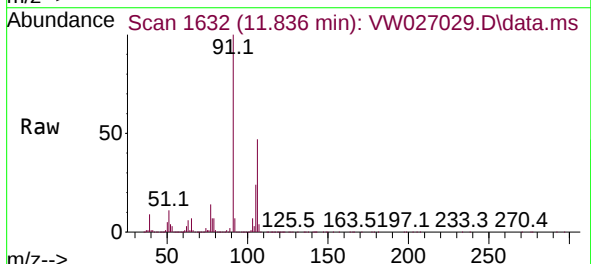
Instrument :
MSVOA_W
ClientSampleId :

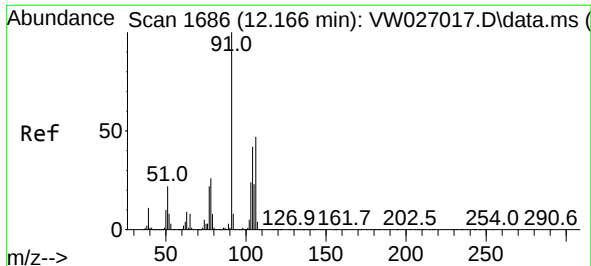
Tgt Ion: 91 Resp: 857422
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.3



#53
m,p-Xylene
Concen: 26.175 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion: 106 Resp: 316136
Ion Ratio Lower Upper
106 100
91 211.8 139.6 259.2

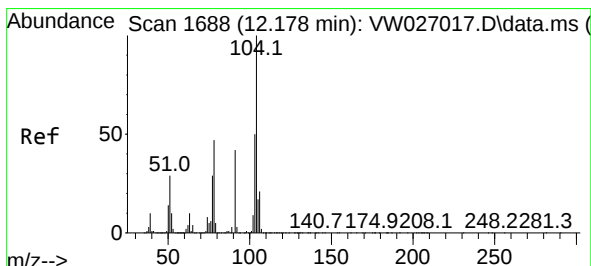
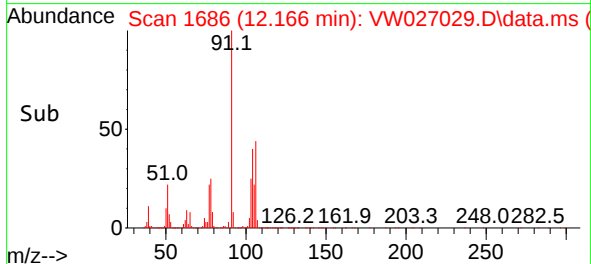
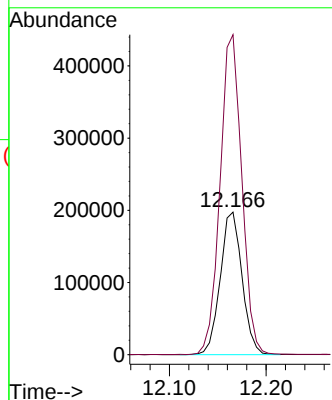
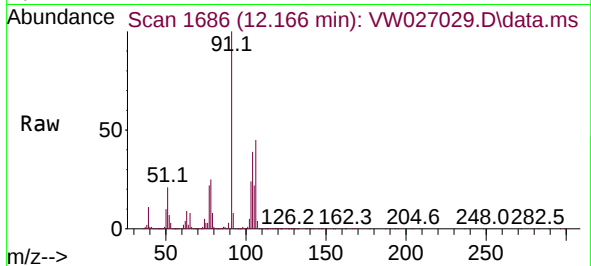




#54
o-Xylene
Concen: 27.299 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

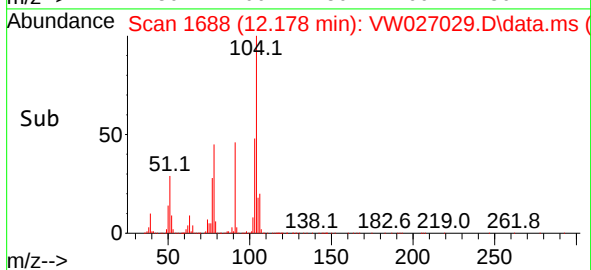
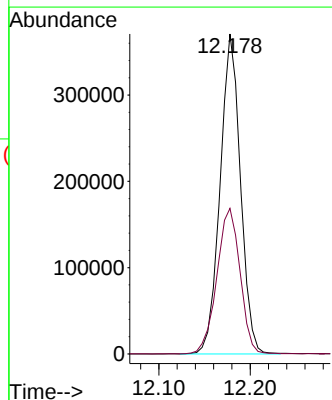
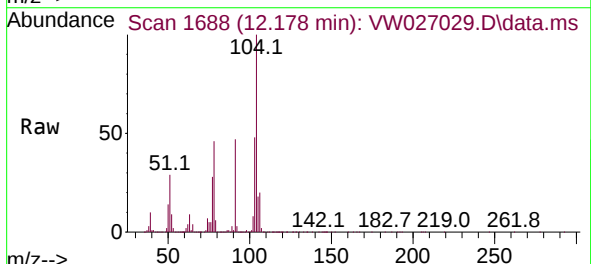
Instrument :
MSVOA_W
ClientSampleId :

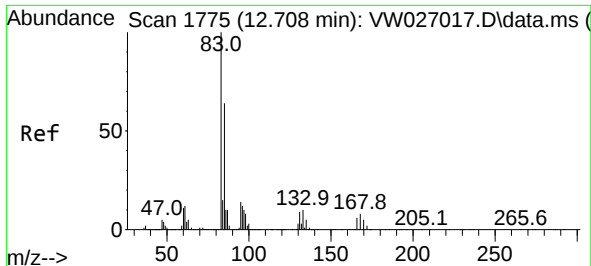
Tgt Ion:106 Resp: 308501
Ion Ratio Lower Upper
106 100
91 224.4 154.0 286.0



#55
Styrene
Concen: 29.708 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion:104 Resp: 572987
Ion Ratio Lower Upper
104 100
78 45.5 35.2 65.4





#57

1,1,2,2-Tetrachloroethane

Concen: 32.292 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

ClientSampleId :

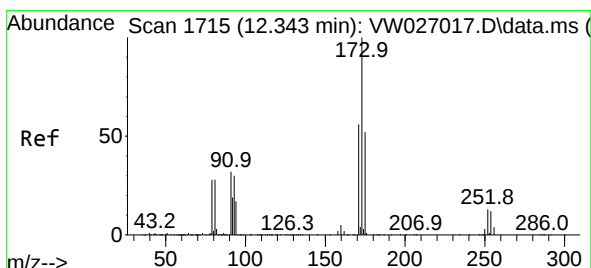
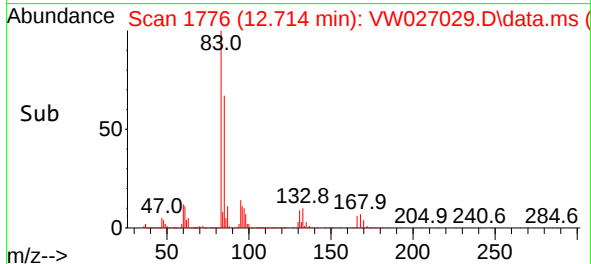
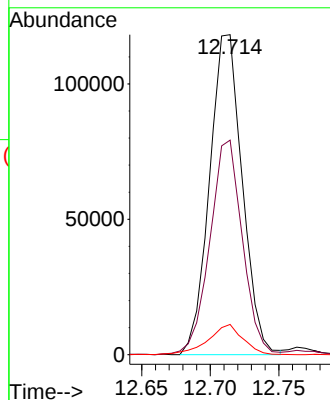
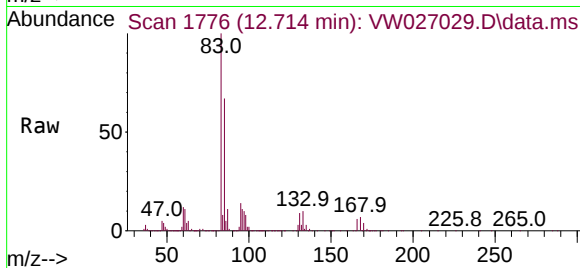
Tgt Ion: 83 Resp: 196539

Ion Ratio Lower Upper

83 100

85 67.0 44.1 81.9

131 9.4 7.2 10.8



#59

Bromoform

Concen: 28.174 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

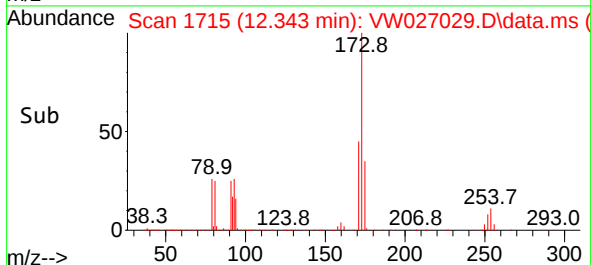
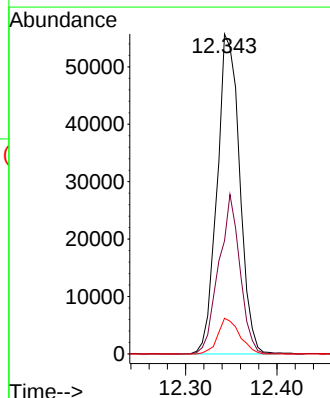
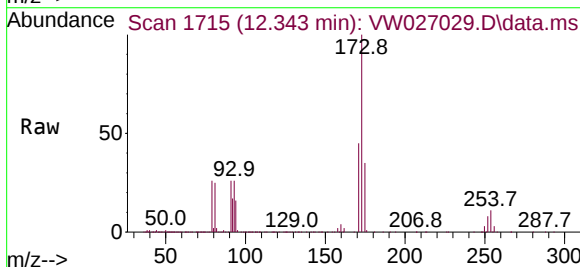
Tgt Ion:173 Resp: 95787

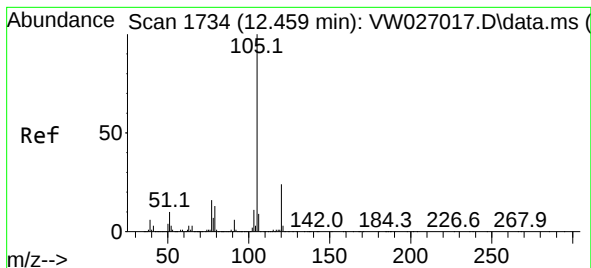
Ion Ratio Lower Upper

173 100

175 46.6 36.6 54.8

254 10.8 8.5 12.7

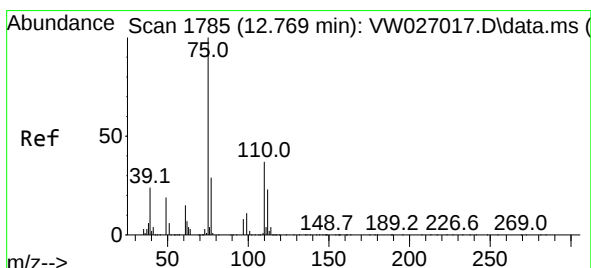
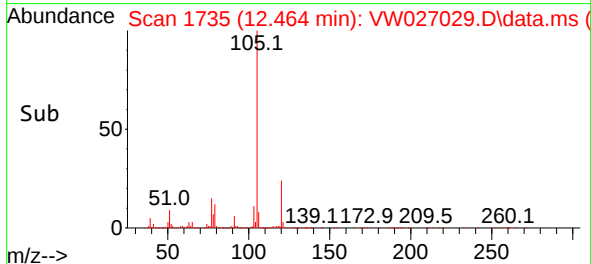
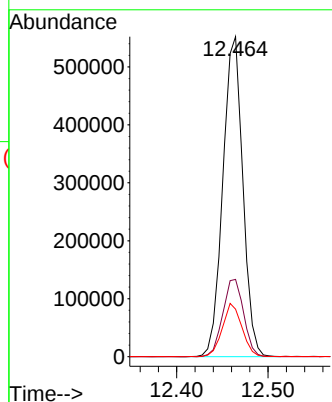
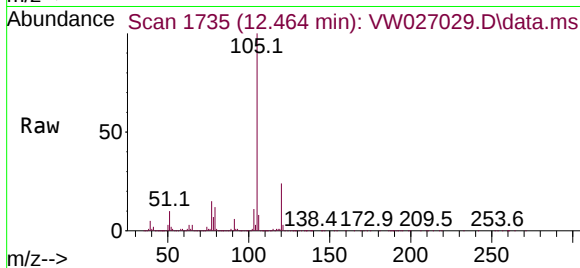




#60
Isopropylbenzene
Concen: 25.642 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

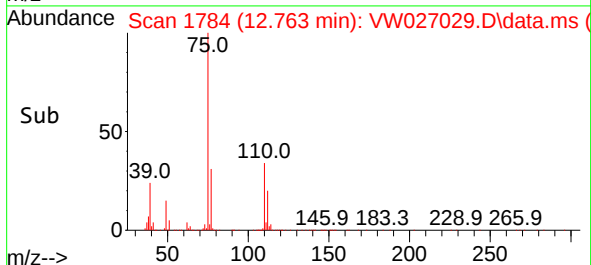
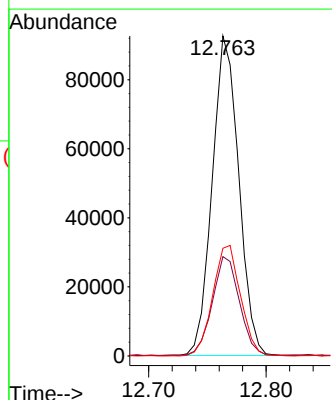
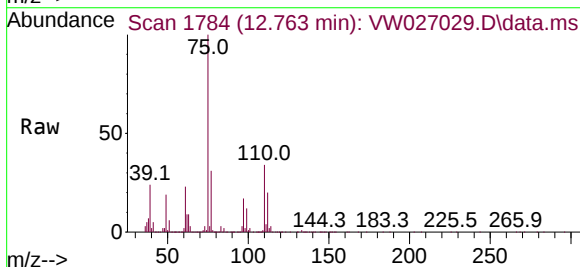
Instrument :
MSVOA_W
ClientSampleId :

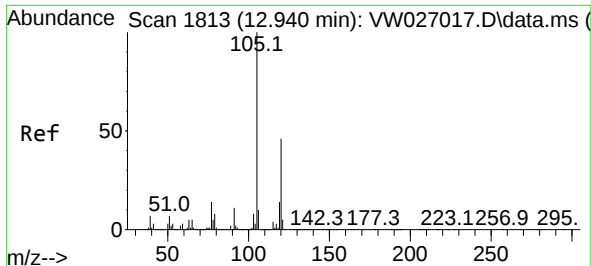
Tgt Ion:105 Resp: 839763
Ion Ratio Lower Upper
105 100
120 25.2 21.4 32.0
77 16.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 31.756 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

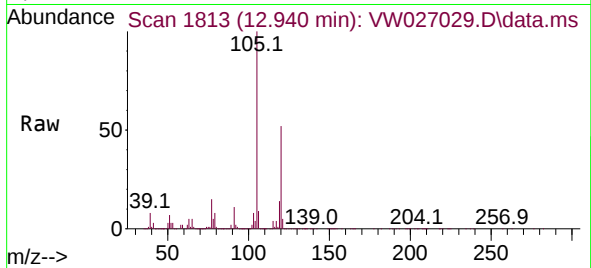
Tgt Ion: 75 Resp: 145233
Ion Ratio Lower Upper
75 100
77 31.6 26.3 39.5
110 36.3 30.5 45.7



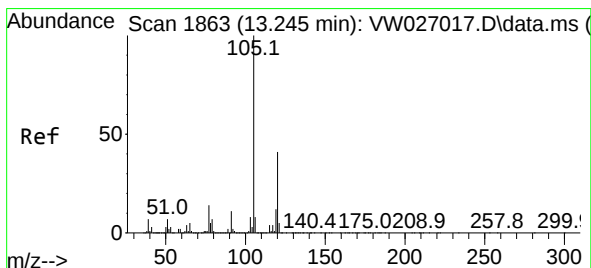
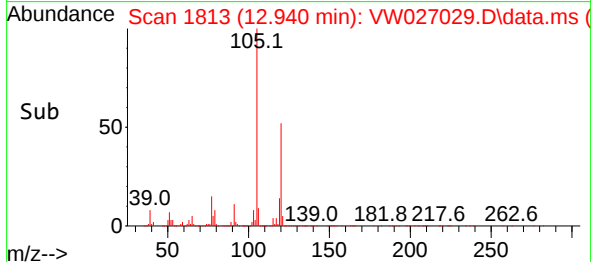
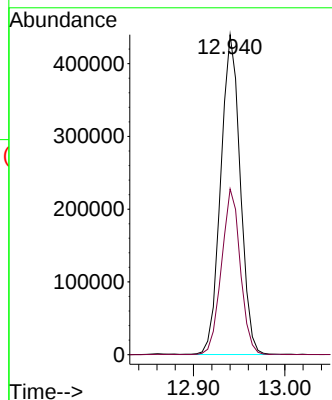


#62
1,3,5-Trimethylbenzene
Concen: 24.984 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Instrument :
MSVOA_W
ClientSampleId :

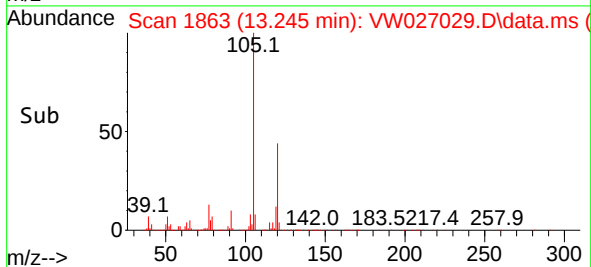
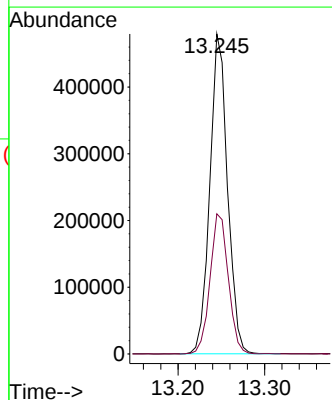
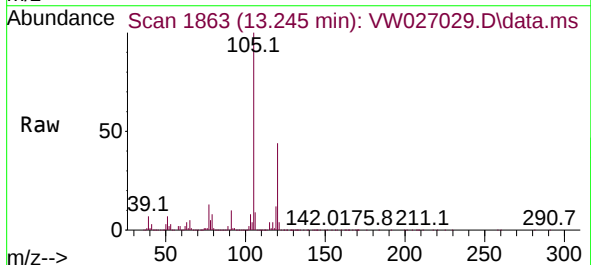


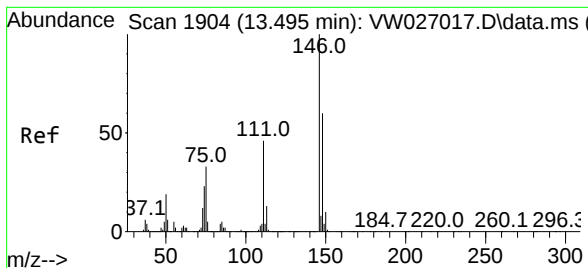
Tgt Ion:105 Resp: 652912
Ion Ratio Lower Upper
105 100
120 50.0 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.571 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion:105 Resp: 678878
Ion Ratio Lower Upper
105 100
120 45.3 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 24.113 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

ClientSampleId :

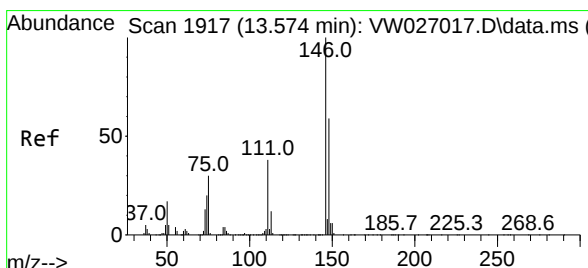
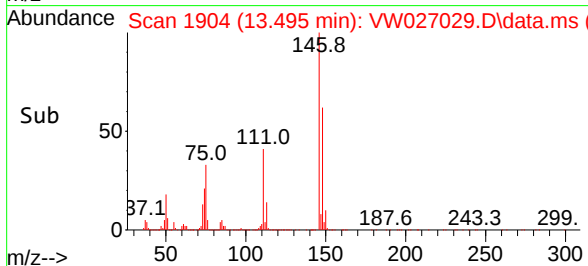
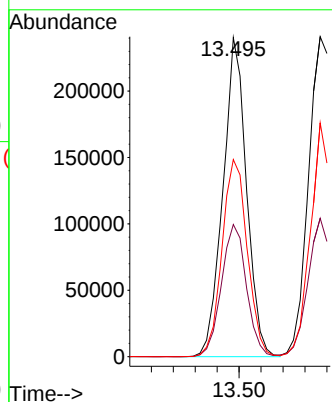
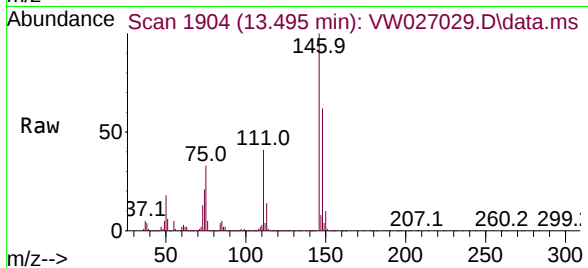
Tgt Ion:146 Resp: 359242

Ion Ratio Lower Upper

146 100

111 41.5 26.9 50.1

148 61.8 39.2 72.8



#65

1,4-Dichlorobenzene

Concen: 26.266 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

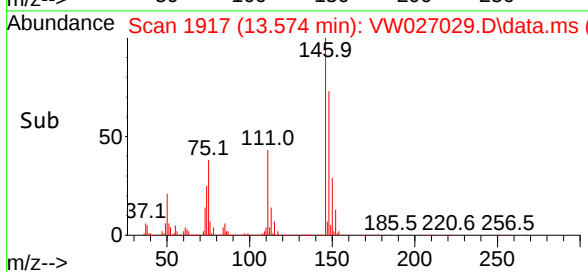
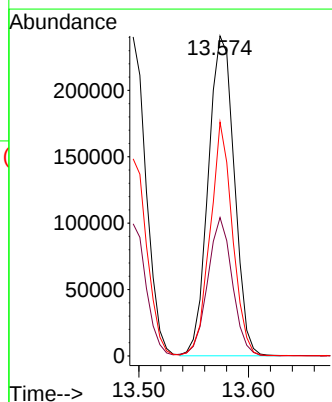
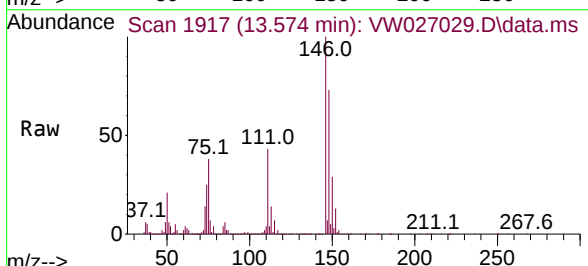
Tgt Ion:146 Resp: 397743

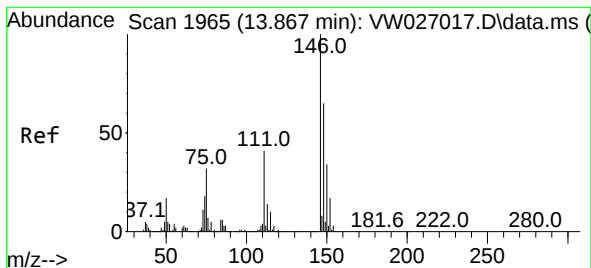
Ion Ratio Lower Upper

146 100

111 43.2 25.8 47.8

148 73.1 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 26.394 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

ClientSampleId :

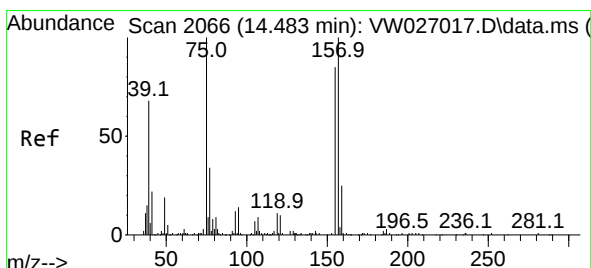
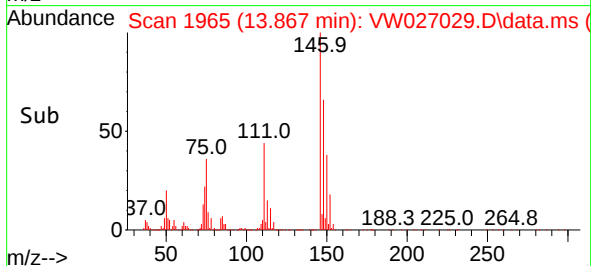
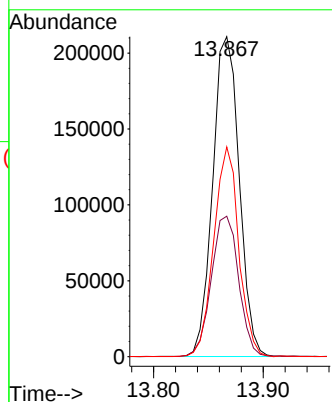
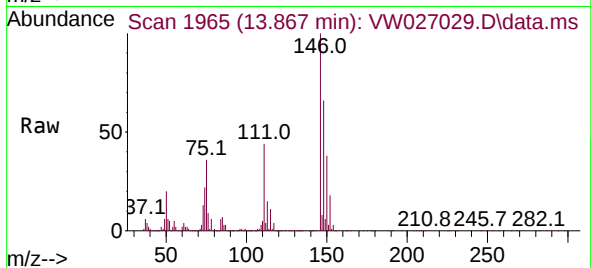
Tgt Ion:146 Resp: 354301

Ion Ratio Lower Upper

146 100

111 43.9 34.0 51.0

148 65.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 31.424 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

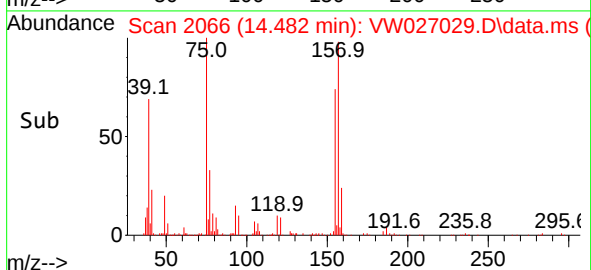
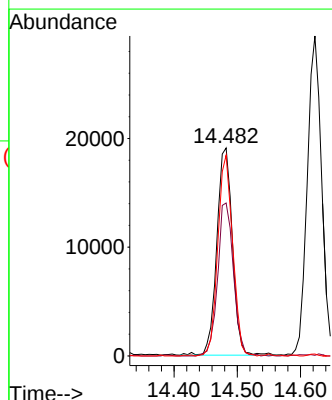
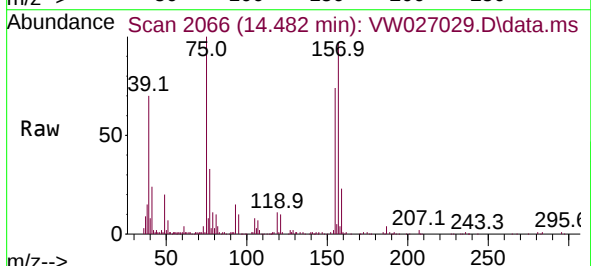
Tgt Ion: 75 Resp: 32590

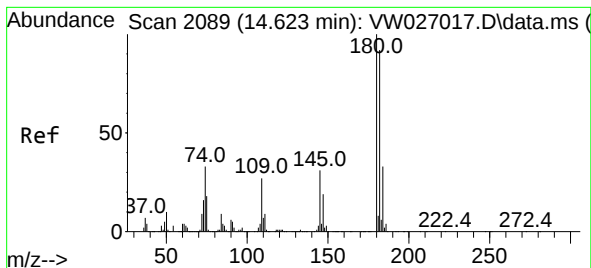
Ion Ratio Lower Upper

75 100

155 73.6 65.9 98.9

157 96.5 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 23.477 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 242975

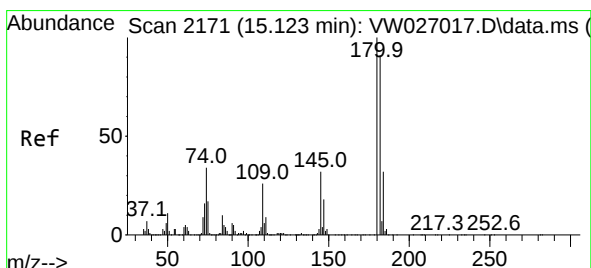
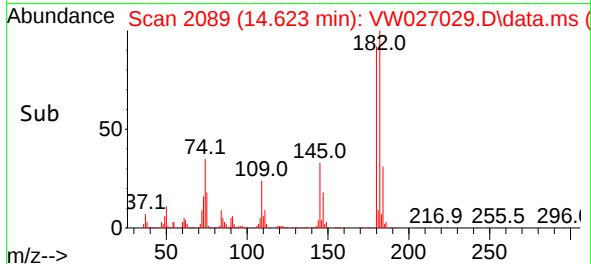
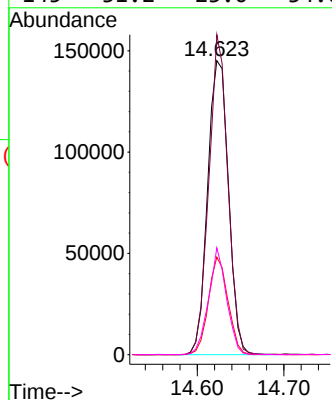
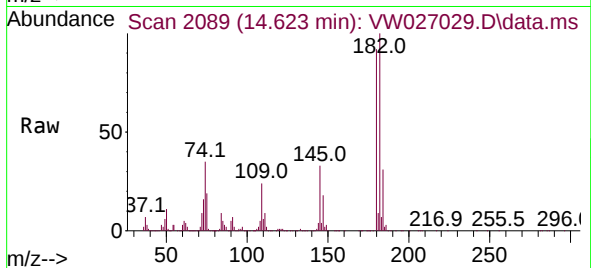
Ion Ratio Lower Upper

180 100

182 99.5 73.6 110.4

184 31.2 23.6 35.4

145 31.2 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 25.100 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027029.D

Acq: 08 Sep 2023 16:42

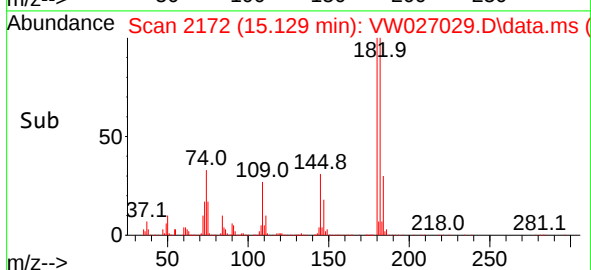
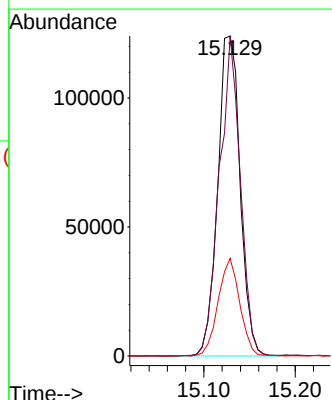
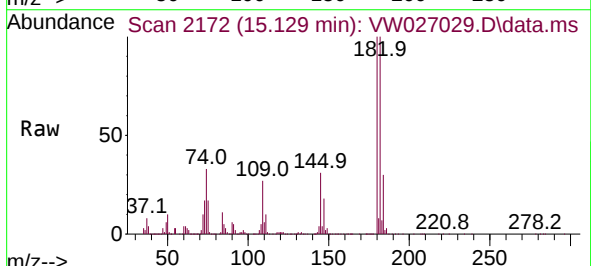
Tgt Ion:180 Resp: 211507

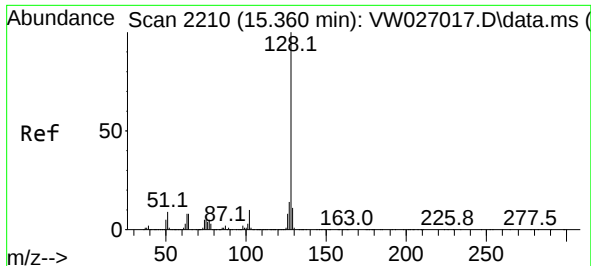
Ion Ratio Lower Upper

180 100

182 93.6 81.0 121.6

145 29.5 24.8 37.2

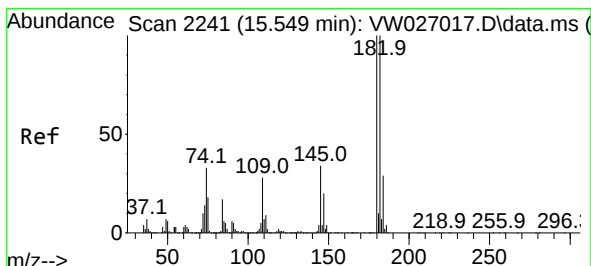
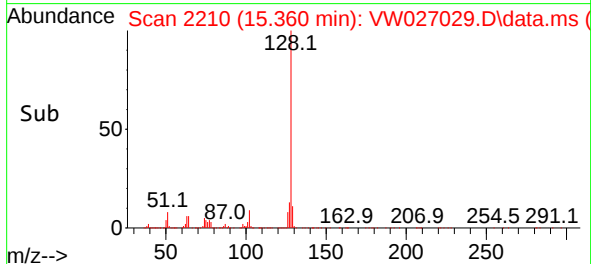
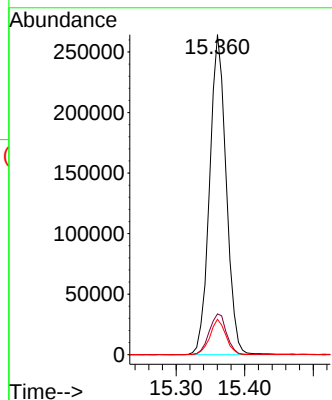
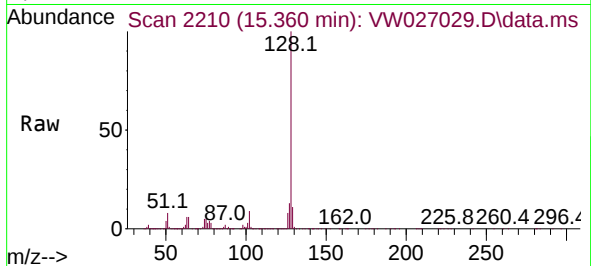




#71
Naphthalene
Concen: 29.935 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 446344
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.6 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.528 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027029.D
Acq: 08 Sep 2023 16:42

Tgt Ion:180 Resp: 195003
Ion Ratio Lower Upper
180 100
182 97.7 76.2 114.4
145 34.8 25.6 38.4

