

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027118.D
 Acq On : 18 Sep 2023 10:18
 Operator : SY/MD
 Sample : VSTD2.535
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:10:37 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	512012	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	498518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	268971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	23875	2.898	ug/L	0.00
7) Chloroethane-d5	2.899	69	17993	2.828	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	9535	2.700	ug/L	0.00
21) 2-Butanone-d5	6.837	46	149	0.100	ug/L	-0.24
24) Chloroform-d	7.654	84	42115	2.738	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	20817	2.773	ug/L	0.00
32) Benzene-d6	8.276	84	83955	2.608	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	24270	2.664	ug/L	0.00
41) Toluene-d8	10.325	98	69508	2.426	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	9140	2.483	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	3311	3.093	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19077	2.614	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	25158	2.619	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	15697	2.631	ug/L	92
3) Chloromethane	2.216	50	15181	2.429	ug/L	95
5) Vinyl chloride	2.375	62	22249	2.616	ug/L	98
6) Bromomethane	2.783	94	15434	2.613	ug/L	92
8) Chloroethane	2.930	64	12252	2.471	ug/L	99
9) Trichlorofluoromethane	3.265	101	16071	2.434	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	19912	2.617	ug/L #	47
12) 1,1-Dichloroethene	4.045	96	18294	2.450	ug/L	90
13) Acetone	4.131	43	8344	5.790	ug/L	99
14) Carbon disulfide	4.393	76	62232	2.500	ug/L	99
15) Methyl Acetate	4.673	43	7104	2.497	ug/L	96
16) Methylene chloride	4.917	84	28311	2.906	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	19705	2.432	ug/L	93
18) Methyl tert-butyl Ether	5.435	73	23881	2.218	ug/L #	78
19) 1,1-Dichloroethane	6.222	63	35906	2.527	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	19867	2.331	ug/L	98
22) 2-Butanone	7.069	43	149	0.078	ug/L	72
23) Bromochloromethane	7.514	128	10366	2.642	ug/L	94
25) Chloroform	7.679	83	38111	2.611	ug/L	95
27) 1,2-Dichloroethane	8.398	62	22264	2.518	ug/L #	89
29) Cyclohexane	7.959	56	25084	2.102	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	30425	2.582	ug/L	97
31) Carbon tetrachloride	8.069	117	26265	2.516	ug/L	98
33) Benzene	8.325	78	80068	2.432	ug/L	100
34) Trichloroethene	9.093	95	22169	2.548	ug/L	89
35) Methylcyclohexane	9.337	83	32640	2.199	ug/L	98
37) 1,2-Dichloropropane	9.367	63	21006	2.569	ug/L	98
38) Bromodichloromethane	9.648	83	25042	2.504	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	26615	2.173	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	15503	4.228	ug/L	97
42) Toluene	10.392	91	78653	2.261	ug/L	89
44) trans-1,3-Dichloropropene	10.605	75	23172	2.254	ug/L	95

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 ClientSampleId :

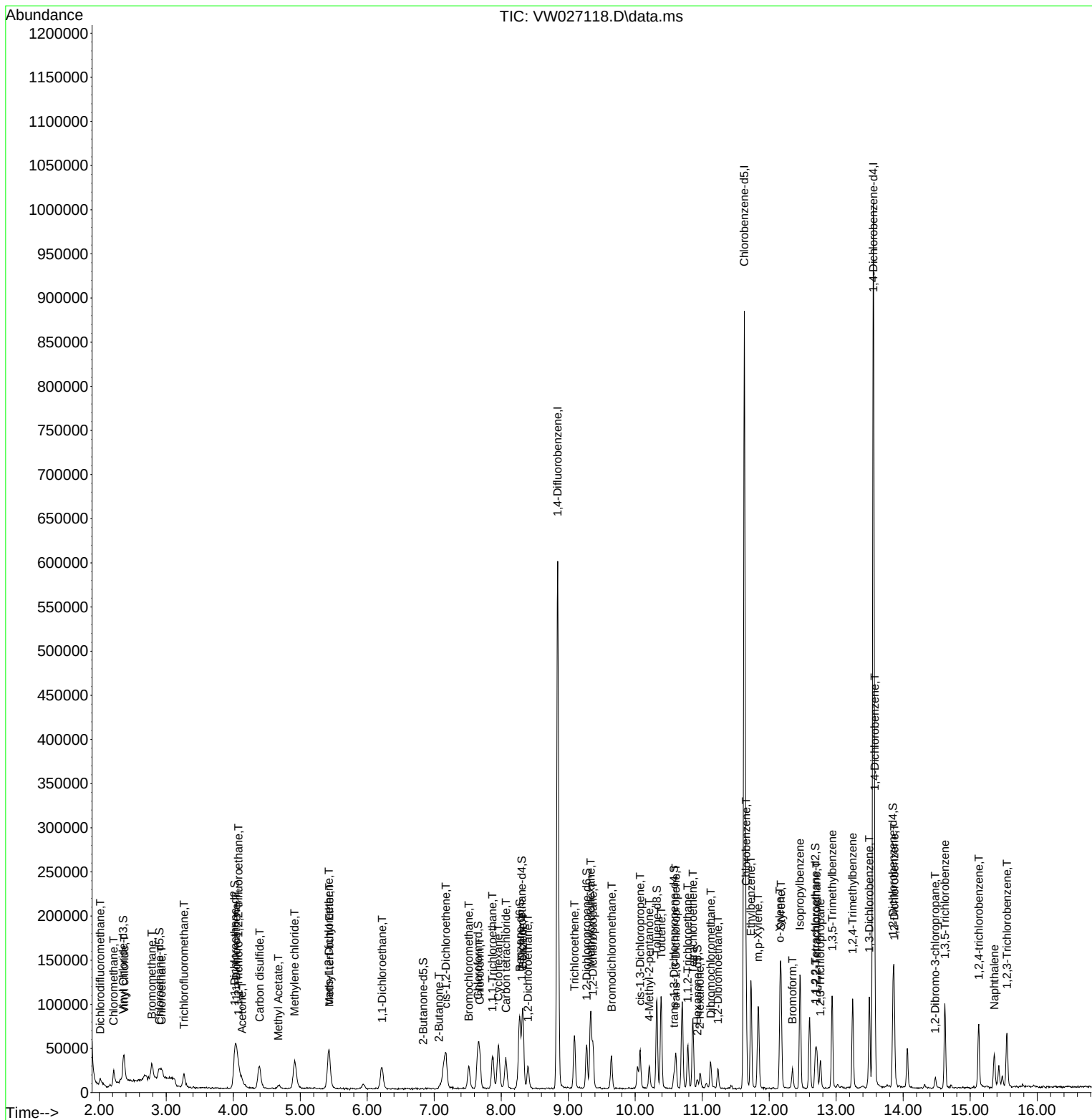
Quant Time: Sep 18 22:10:37 2023
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 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:09:41 2023
 Response via : Initial Calibration

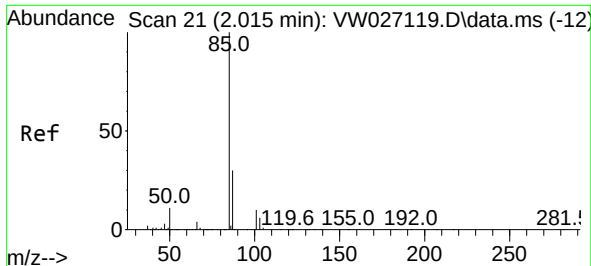
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.782	97	16181	2.572	ug/L	95
46) Tetrachloroethene	10.861	164	18562	2.531	ug/L	84
48) 2-Hexanone	10.965	43	9881	3.827	ug/L #	89
49) Dibromochloromethane	11.129	129	16219	2.463	ug/L	94
50) 1,2-Dibromoethane	11.233	107	14402	2.494	ug/L #	93
51) Chlorobenzene	11.654	112	56960	2.481	ug/L	96
52) Ethylbenzene	11.727	91	84848	2.224	ug/L	100
53) m,p-Xylene	11.837	106	31203	2.132	ug/L	89
54) o-Xylene	12.160	106	27849	1.998	ug/L	98
55) Styrene	12.178	104	46768	1.958	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	18644	2.529	ug/L	98
59) Bromoform	12.349	173	9557	2.453	ug/L #	89
60) Isopropylbenzene	12.458	105	76922	2.135	ug/L #	96
61) 1,2,3-Trichloropropane	12.763	75	13504	2.692	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	56229	1.950	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	54045	1.934	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	41110	2.413	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	46779	2.641	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	38089	2.445	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	3129	2.817	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.623	180	31104	2.536	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	24852	2.556	ug/L	90
71) Naphthalene	15.360	128	32977	2.039	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	21497	2.449	ug/L	97

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

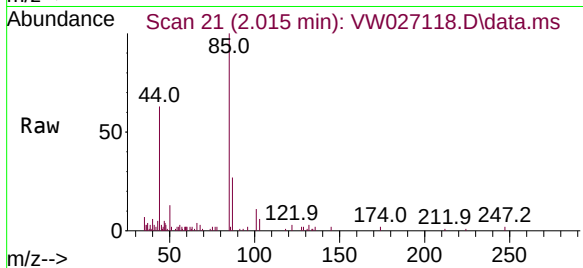
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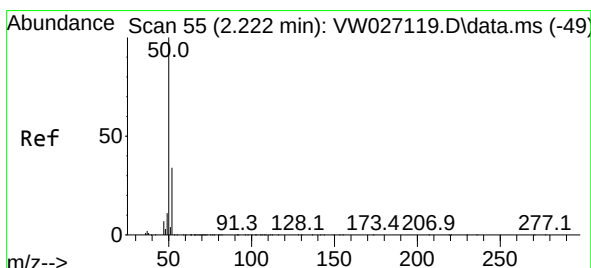
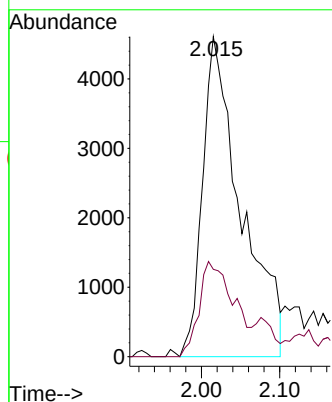
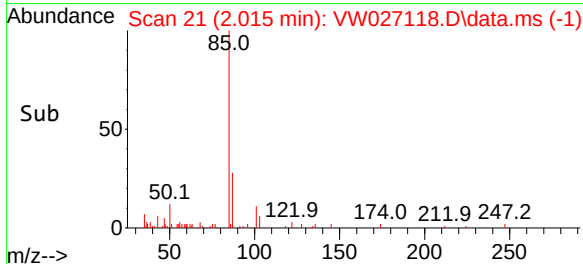


#2
 Dichlorodifluoromethane
 Concen: 2.631 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027118.D
 Acq: 18 Sep 2023 10:18

Instrument :
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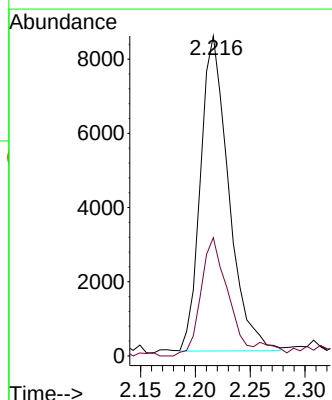
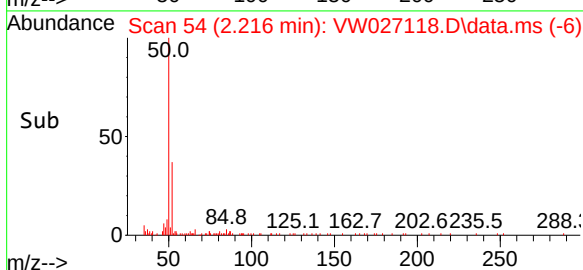
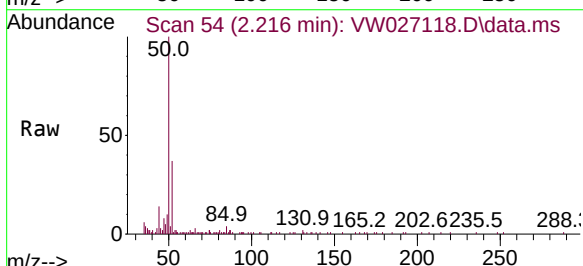


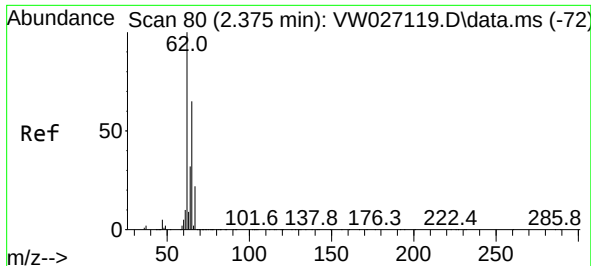
Tgt Ion: 85 Resp: 15697
 Ion Ratio Lower Upper
 85 100
 87 27.0 18.5 27.7



#3
 Chloromethane
 Concen: 2.429 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW027118.D
 Acq: 18 Sep 2023 10:18

Tgt Ion: 50 Resp: 15181
 Ion Ratio Lower Upper
 50 100
 52 36.9 23.8 44.2

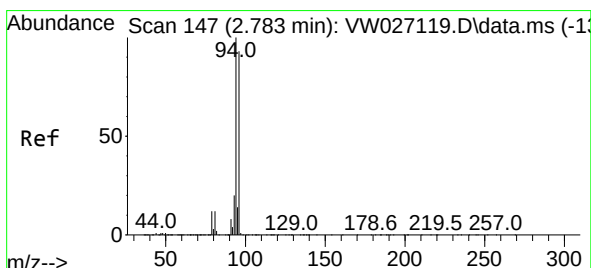
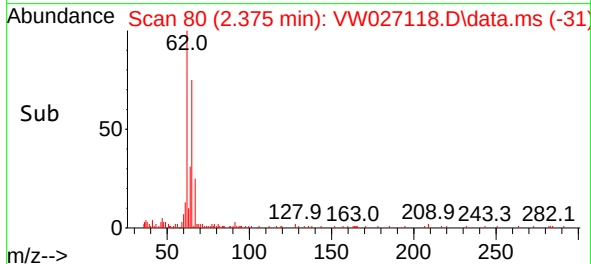
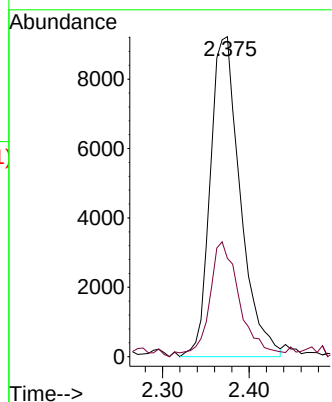
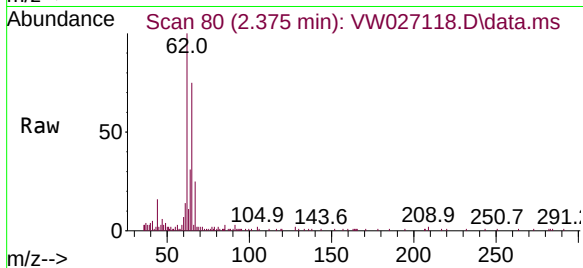




#5
 Vinyl chloride
 Concen: 2.616 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027118.D
 Acq: 18 Sep 2023 10:18

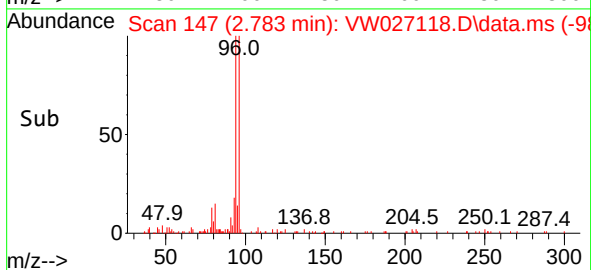
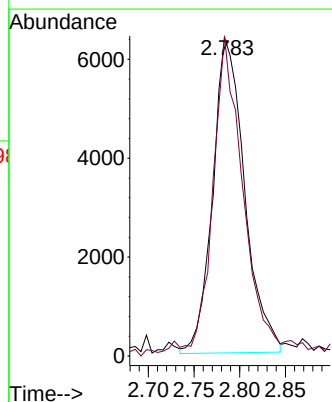
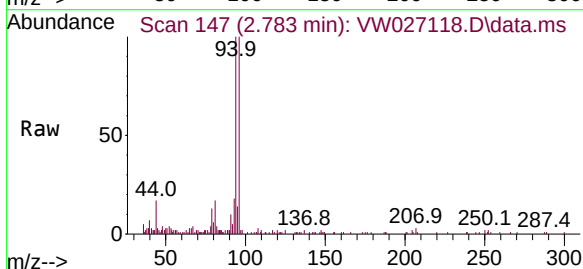
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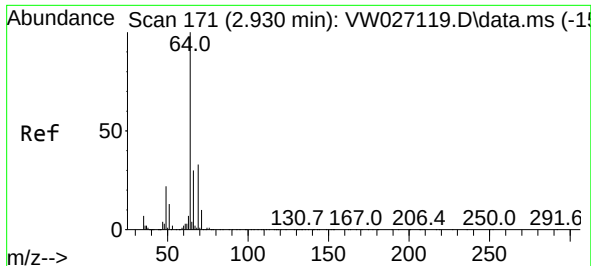
Tgt Ion: 62 Resp: 22249
 Ion Ratio Lower Upper
 62 100
 64 30.7 22.5 41.7



#6
 Bromomethane
 Concen: 2.613 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW027118.D
 Acq: 18 Sep 2023 10:18

Tgt Ion: 94 Resp: 15434
 Ion Ratio Lower Upper
 94 100
 96 100.5 65.0 120.8

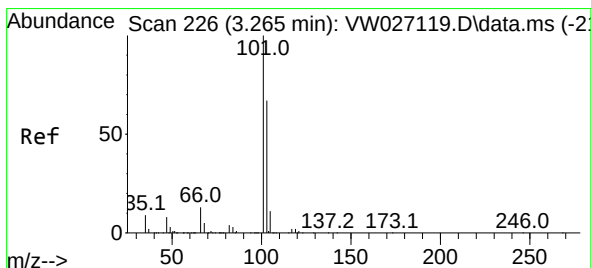
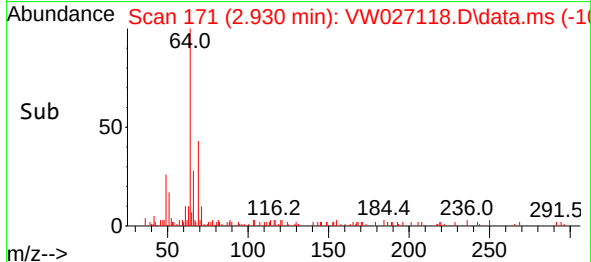
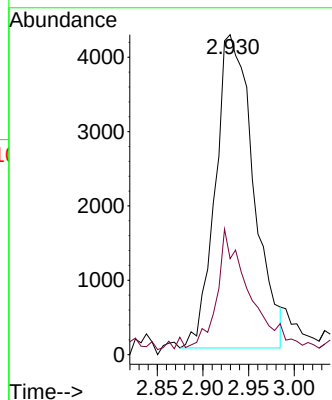
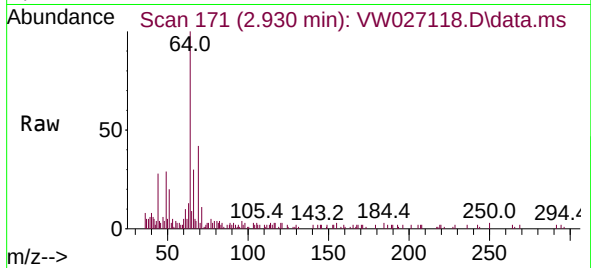




#8
Chloroethane
Concen: 2.471 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

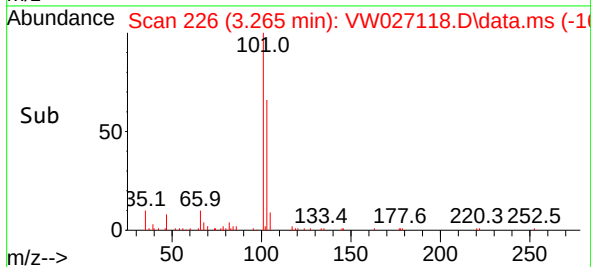
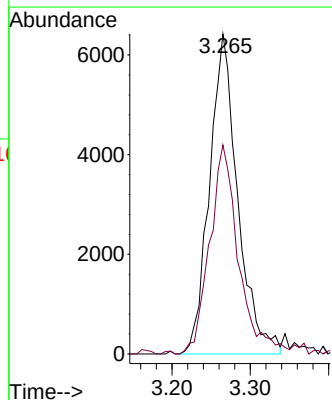
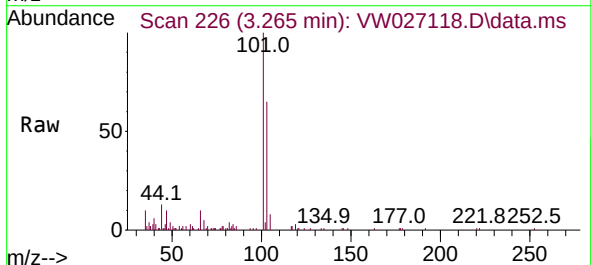
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MSVOA_W
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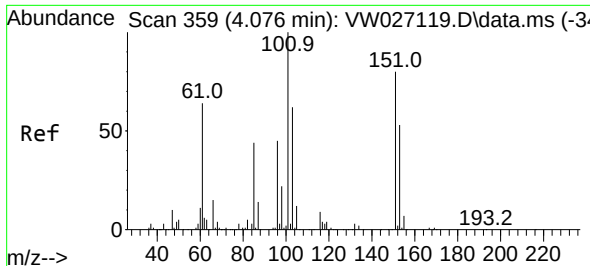
Tgt Ion: 64 Resp: 12252
Ion Ratio Lower Upper
64 100
66 30.0 21.3 39.6



#9
Trichlorofluoromethane
Concen: 2.434 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion: 101 Resp: 16071
Ion Ratio Lower Upper
101 100
103 62.7 50.9 76.3

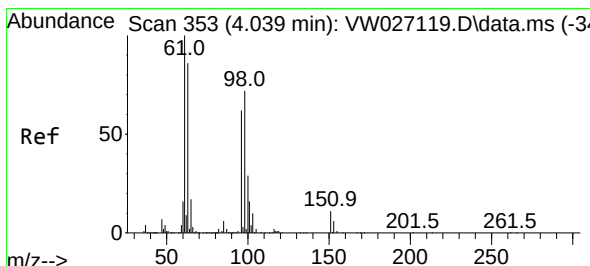
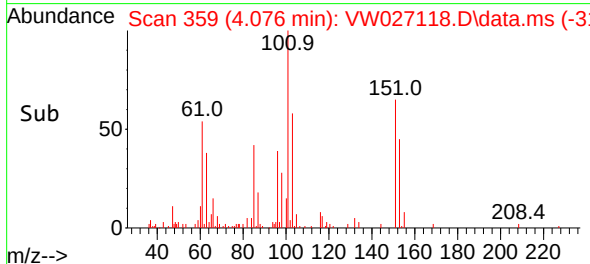
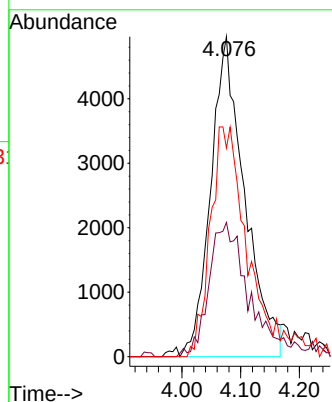
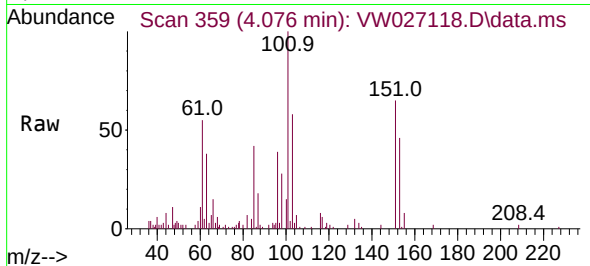




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.617 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027118.D
 Acq: 18 Sep 2023 10:18

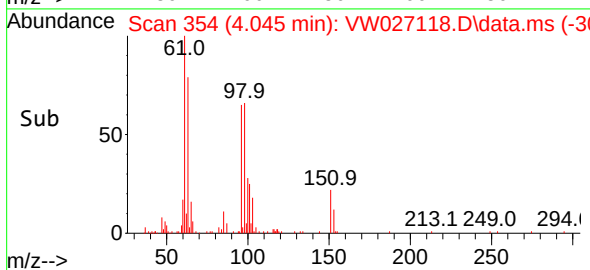
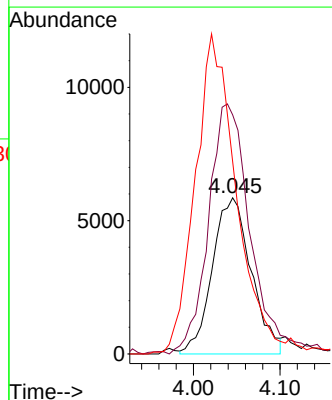
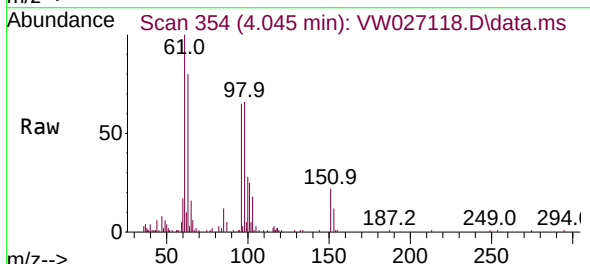
Instrument :
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 ClientSampleId :

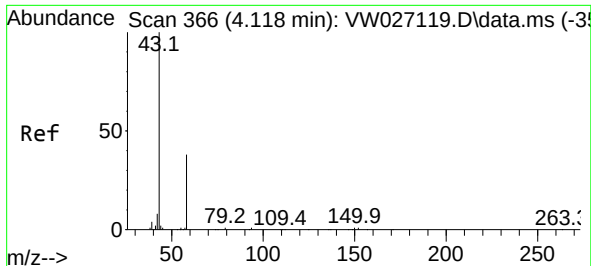
Tgt Ion:101 Resp: 19912
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.7 53.5#
 151 36.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 2.450 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW027118.D
 Acq: 18 Sep 2023 10:18

Tgt Ion: 96 Resp: 18294
 Ion Ratio Lower Upper
 96 100
 61 153.0 112.5 208.9
 63 123.0 99.4 184.6





#13

Acetone

Concen: 5.790 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.012 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

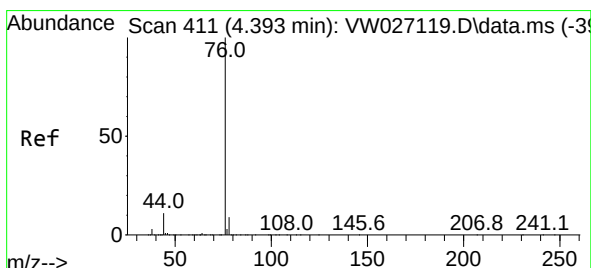
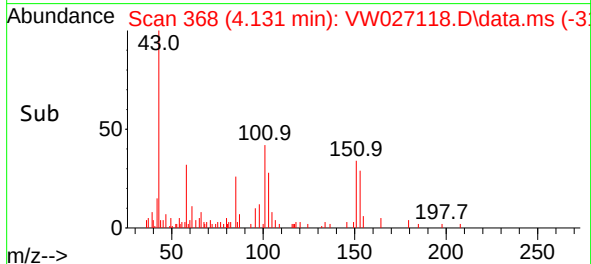
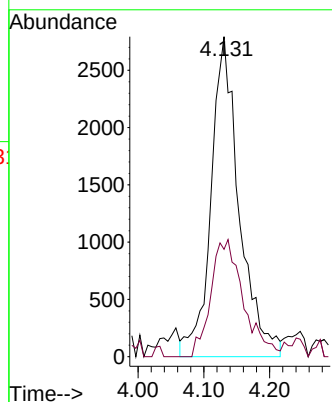
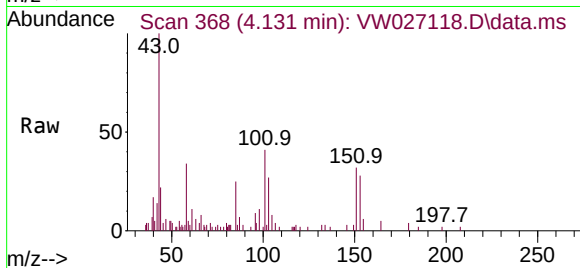
ClientSampleId :

Tgt Ion: 43 Resp: 8344

Ion Ratio Lower Upper

43 100

58 37.9 0.0 77.4



#14

Carbon disulfide

Concen: 2.500 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW027118.D

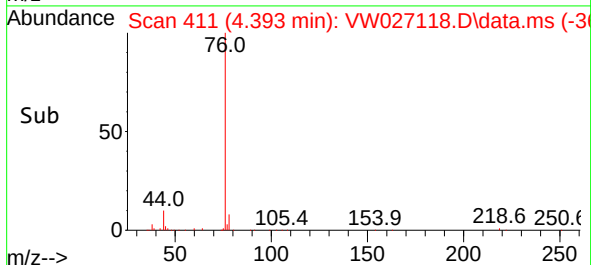
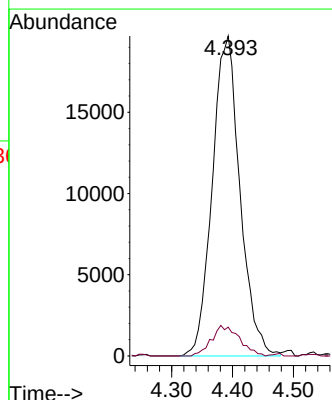
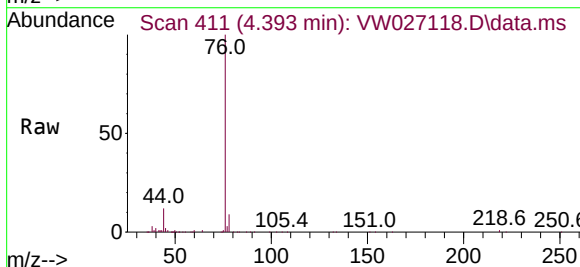
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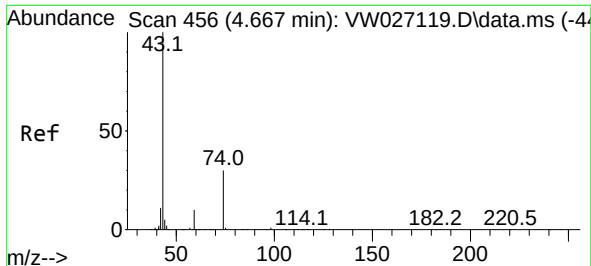
Tgt Ion: 76 Resp: 62232

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

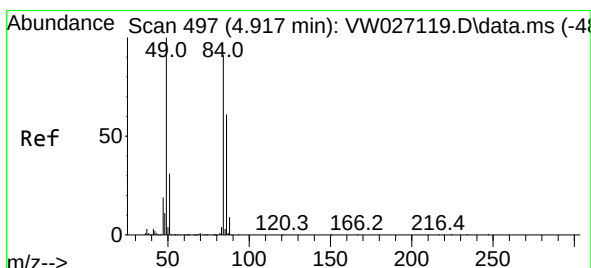
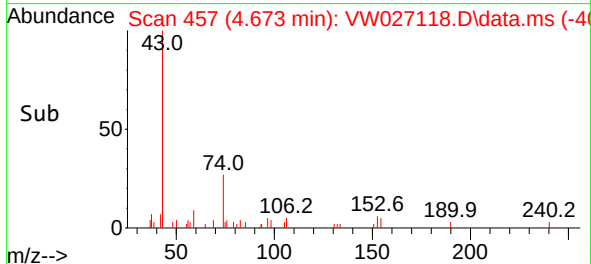
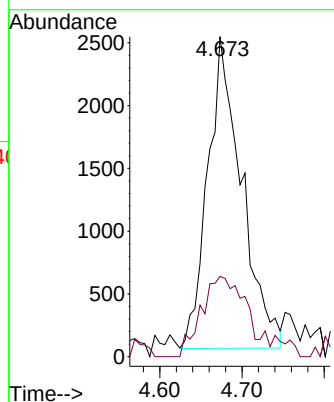
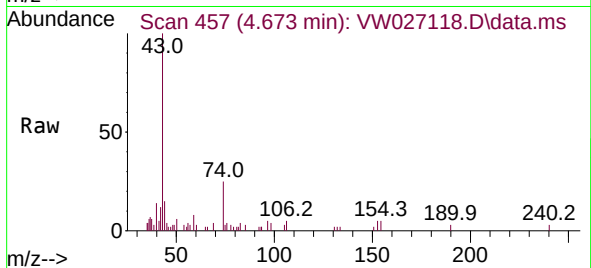




#15
Methyl Acetate
Concen: 2.497 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

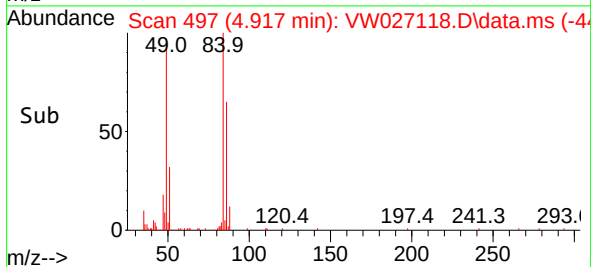
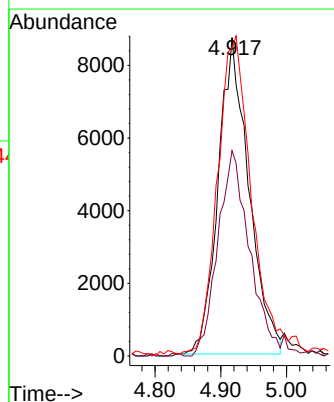
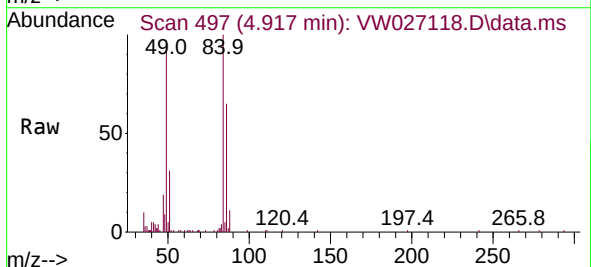
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MSVOA_W
ClientSampleId :

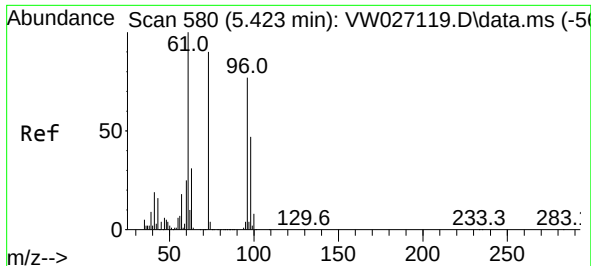
Tgt Ion: 43 Resp: 7104
Ion Ratio Lower Upper
43 100
74 31.3 23.2 34.8



#16
Methylene chloride
Concen: 2.906 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion: 84 Resp: 28311
Ion Ratio Lower Upper
84 100
86 64.5 46.7 86.7
49 96.6 77.1 143.1

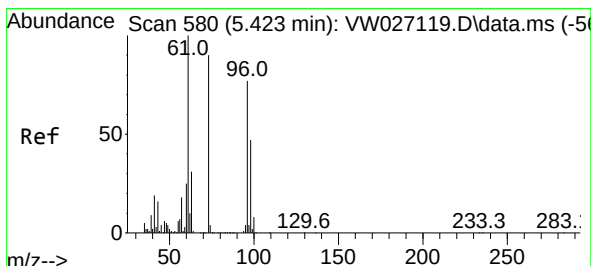
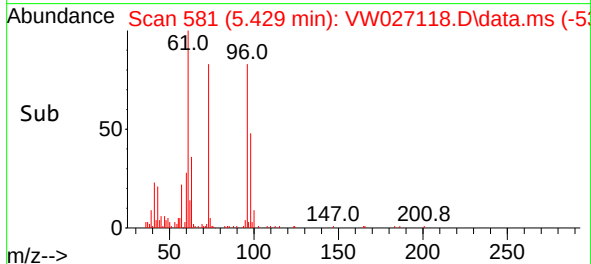
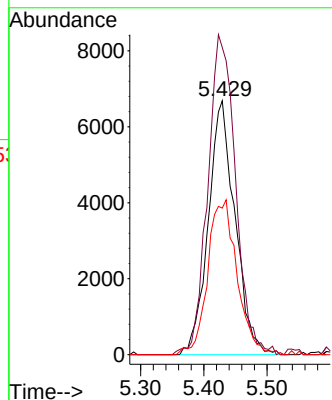
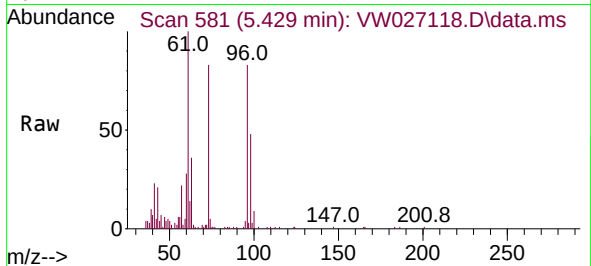




#17
trans-1,2-Dichloroethene
Concen: 2.432 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

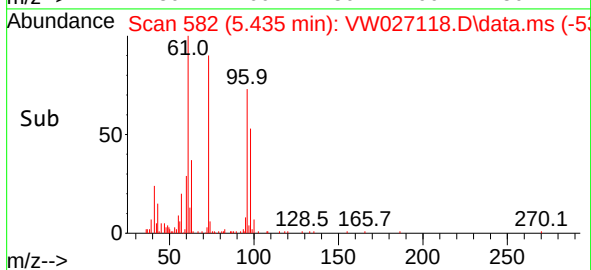
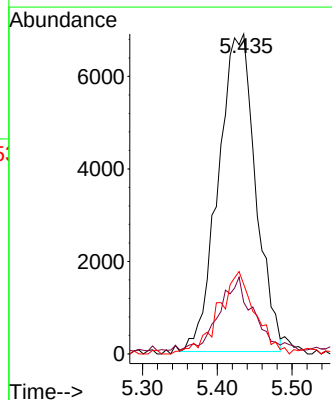
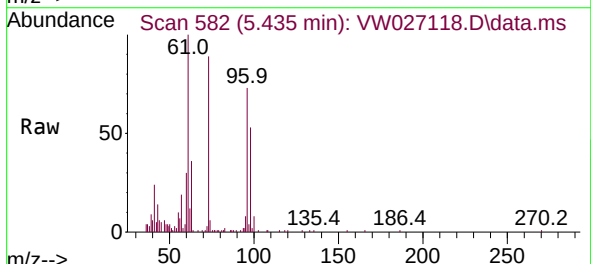
Instrument :
MSVOA_W
ClientSampleId :

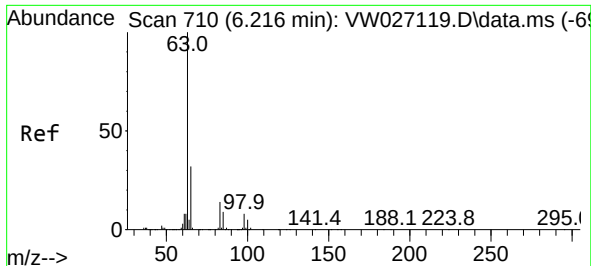
Tgt Ion: 96 Resp: 19705
Ion Ratio Lower Upper
96 100
61 120.9 91.2 169.4
98 57.7 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 2.218 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion: 73 Resp: 23881
Ion Ratio Lower Upper
73 100
43 2.3 15.2 22.8#
57 17.4 17.6 26.4#





#19

1,1-Dichloroethane

Concen: 2.527 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

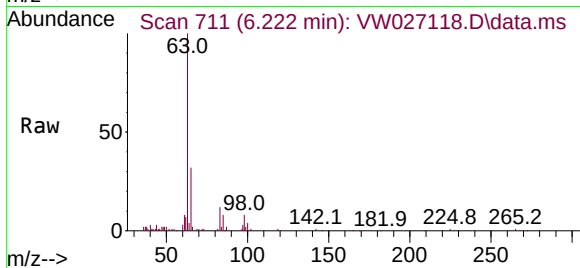
Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :



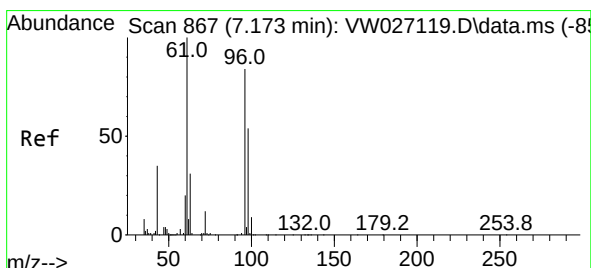
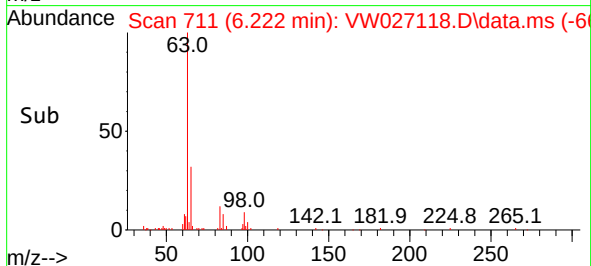
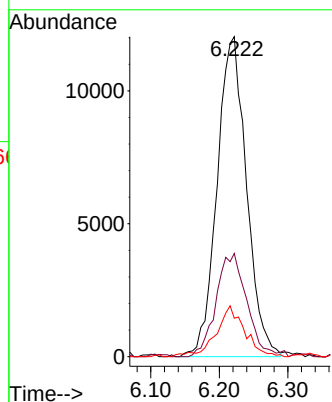
Tgt Ion: 63 Resp: 35906

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 12.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 2.331 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

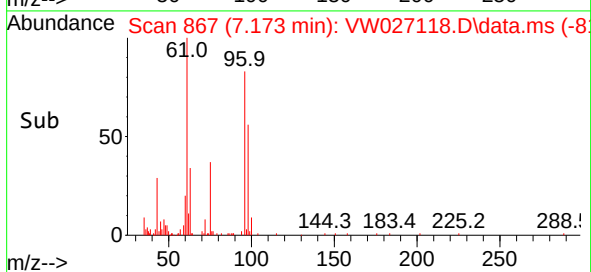
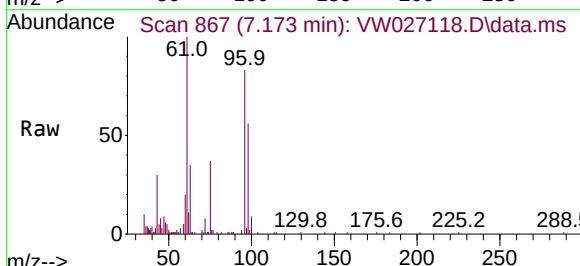
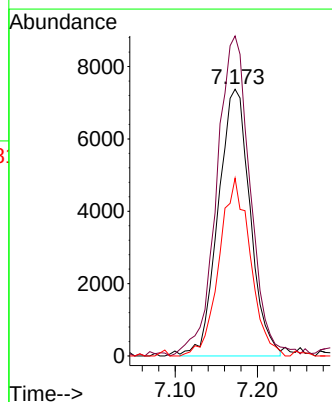
Tgt Ion: 96 Resp: 19867

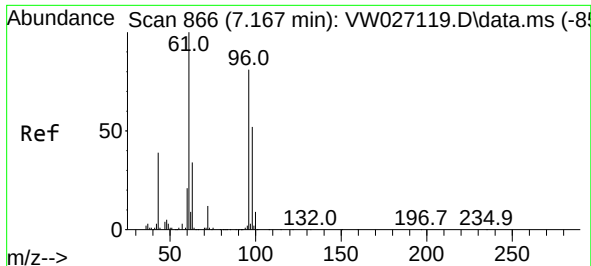
Ion Ratio Lower Upper

96 100

61 119.9 83.0 154.1

98 66.6 44.6 82.8

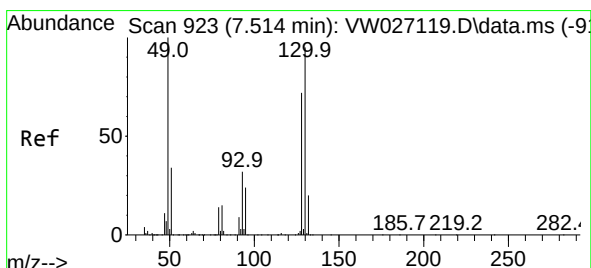
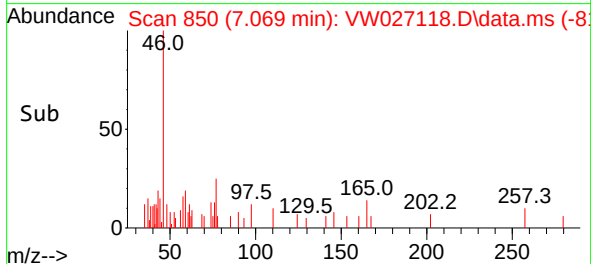
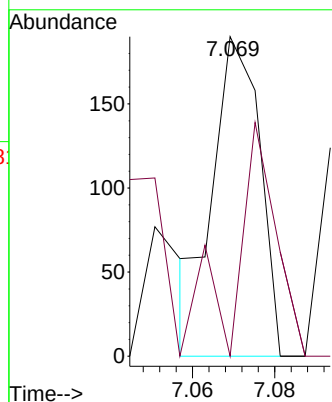
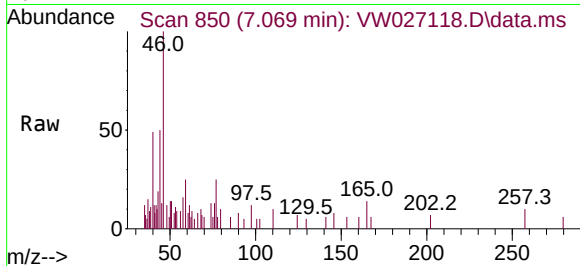




#22
2-Butanone
Concen: 0.078 ug/L
RT: 7.069 min Scan# 866
Delta R.T. -0.098 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

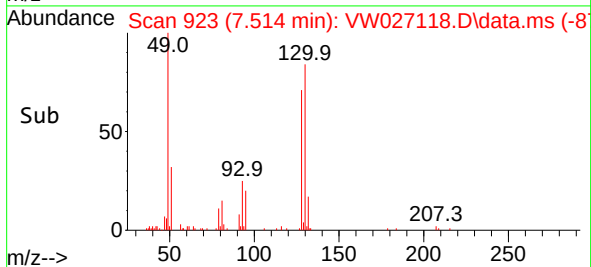
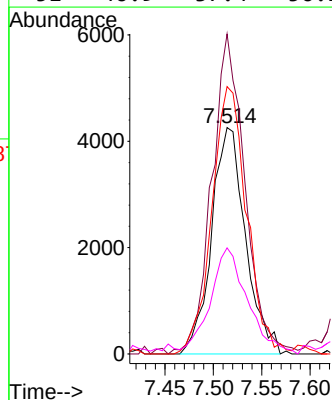
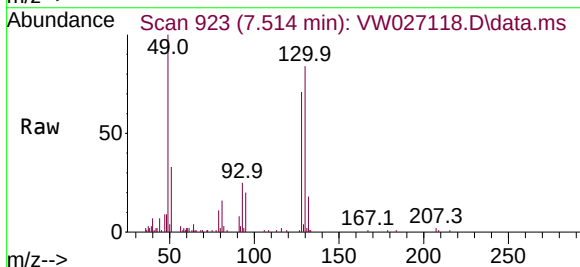
Instrument :
MSVOA_W
ClientSampleId :

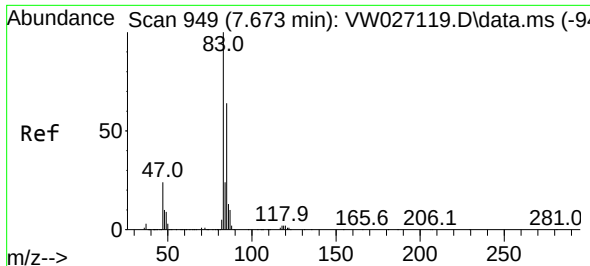
Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
72 49.7 16.8 50.4



#23
Bromochloromethane
Concen: 2.642 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion:128 Resp: 10366
Ion Ratio Lower Upper
128 100
49 141.3 97.6 181.2
130 118.1 92.8 172.4
51 46.9 37.4 56.2

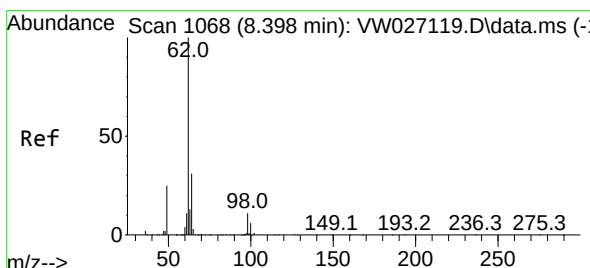
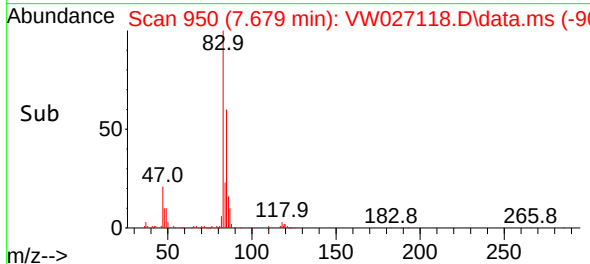
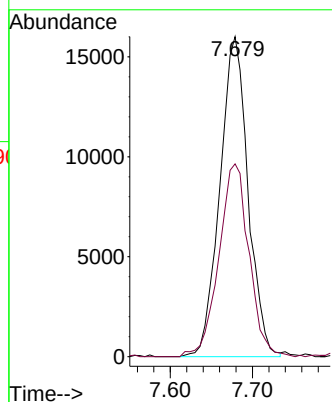
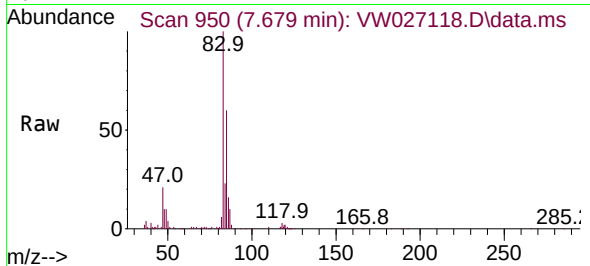




#25
Chloroform
Concen: 2.611 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

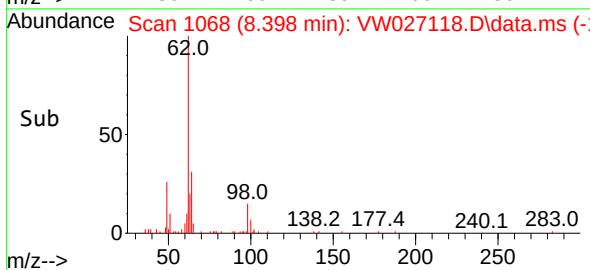
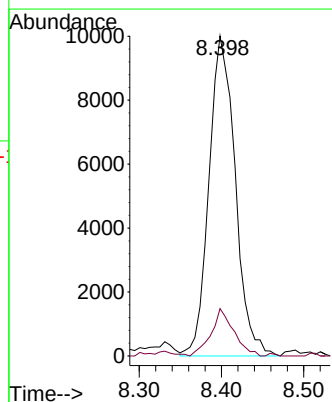
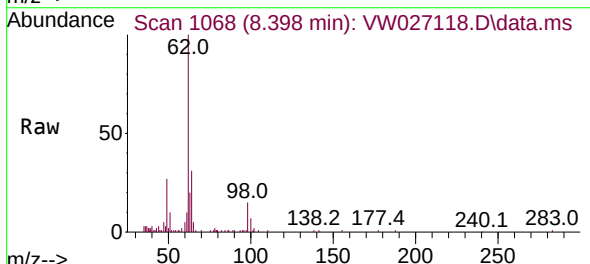
Instrument :
MSVOA_W
ClientSampleId :

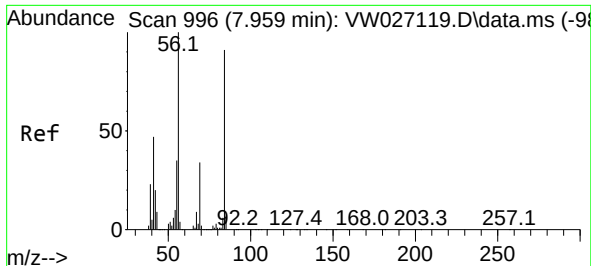
Tgt Ion: 83 Resp: 38111
Ion Ratio Lower Upper
83 100
85 60.2 44.9 83.5



#27
1,2-Dichloroethane
Concen: 2.518 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

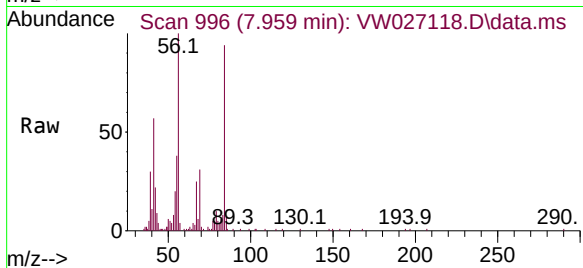
Tgt Ion: 62 Resp: 22264
Ion Ratio Lower Upper
62 100
98 14.8 8.4 12.6#





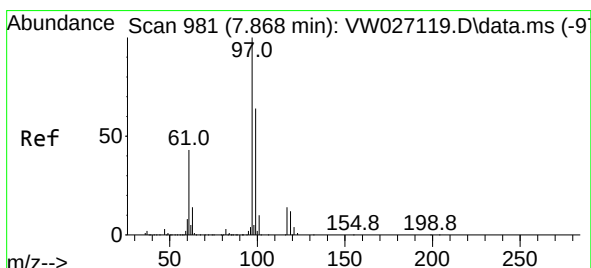
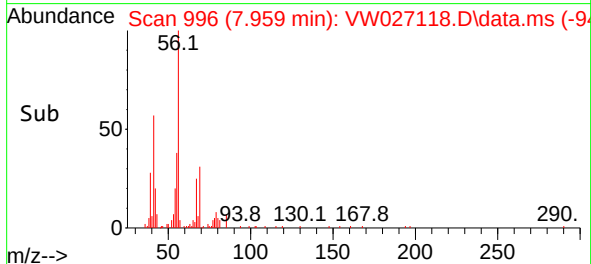
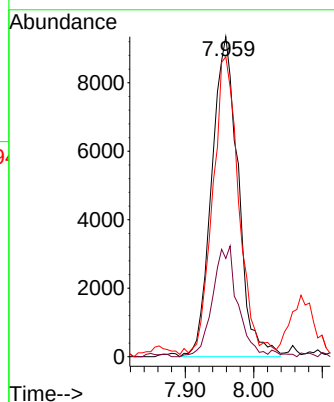
#29
Cyclohexane
Concen: 2.102 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 25084

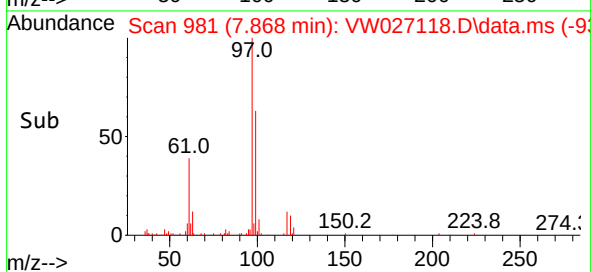
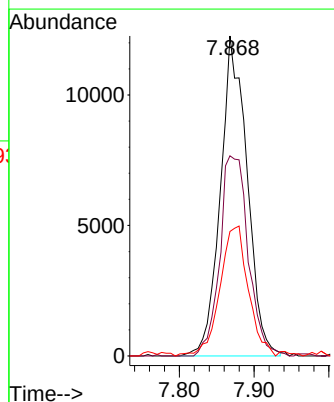
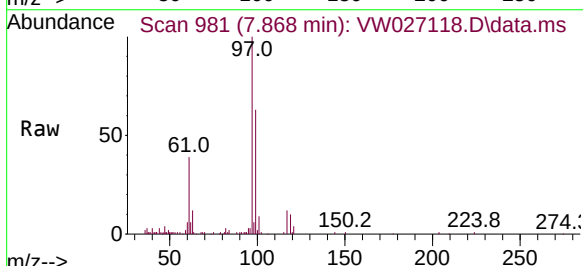
Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.5	39.7
84	91.1	74.4	111.6

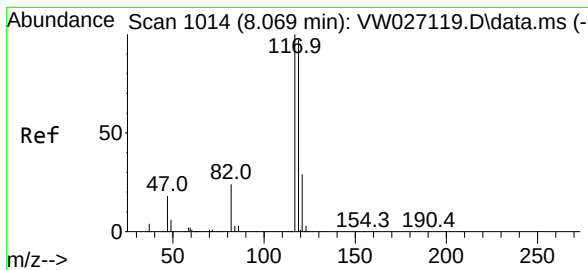


#30
1,1,1-Trichloroethane
Concen: 2.582 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion: 97 Resp: 30425

Ion	Ratio	Lower	Upper
97	100		
99	66.8	50.6	75.8
61	42.7	34.1	51.1

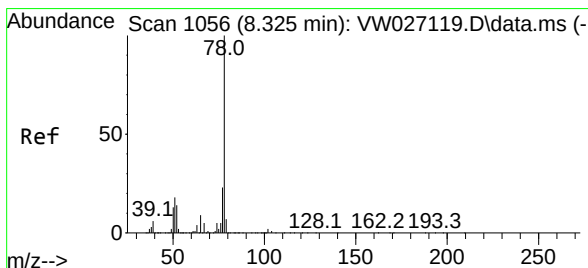
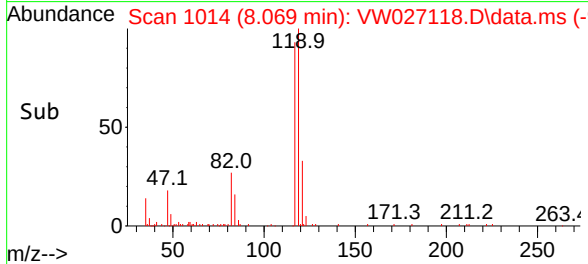
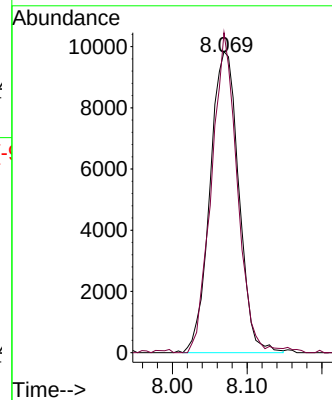
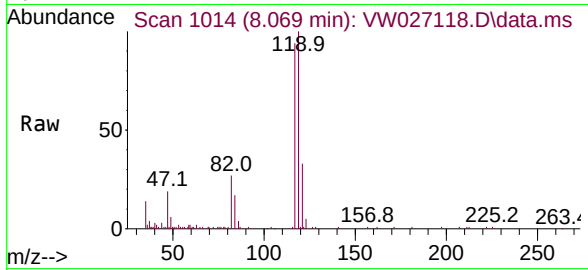




#31
Carbon tetrachloride
Concen: 2.516 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

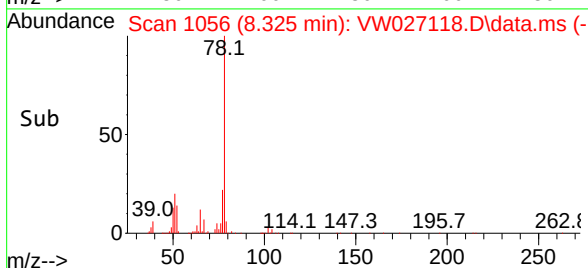
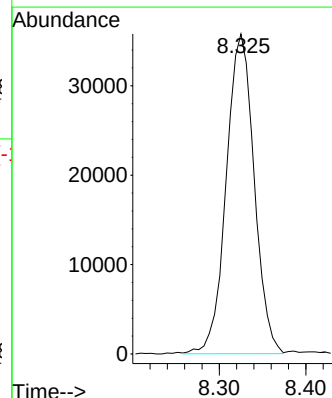
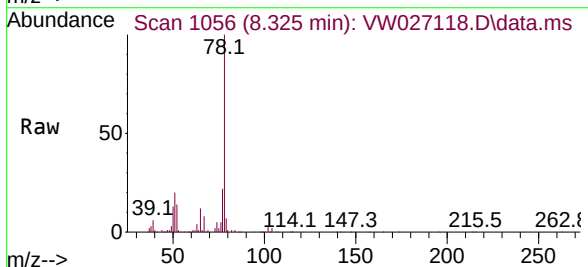
Instrument :
MSVOA_W
ClientSampleId :

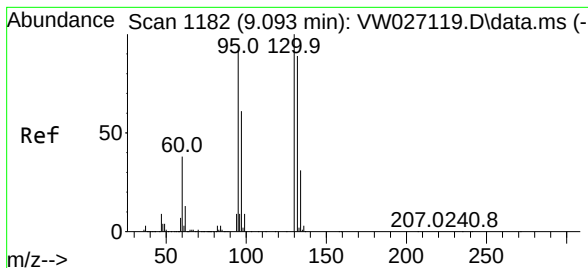
Tgt Ion:117 Resp: 26265
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.0



#33
Benzene
Concen: 2.432 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion: 78 Resp: 80068





#34

Trichloroethene

Concen: 2.548 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 22169

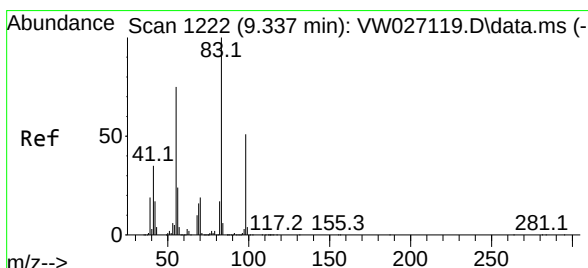
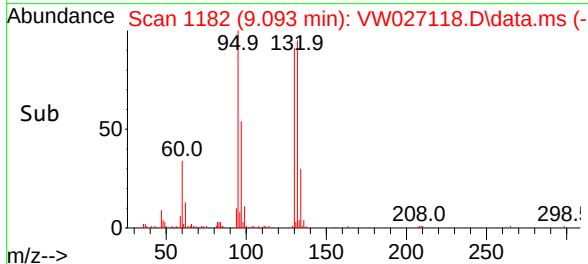
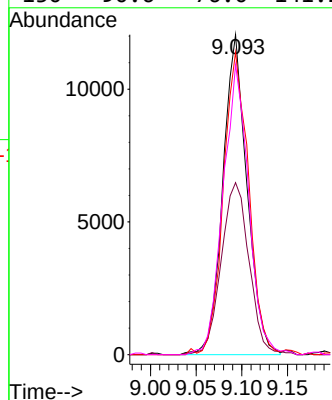
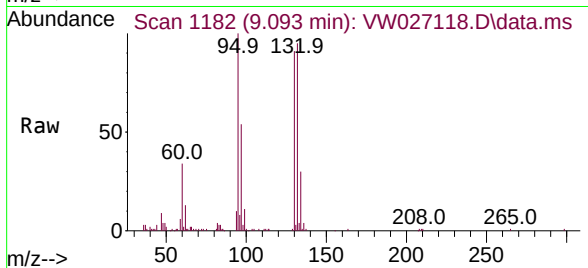
Ion Ratio Lower Upper

95 100

97 53.8 46.1 85.7

132 94.5 67.9 126.1

130 90.6 76.0 141.2



#35

Methylcyclohexane

Concen: 2.199 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

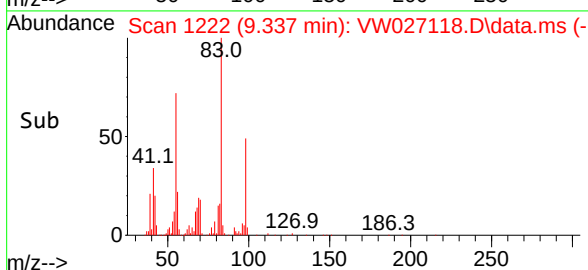
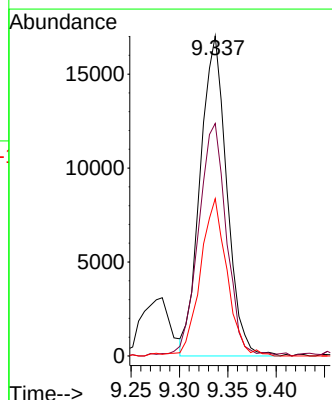
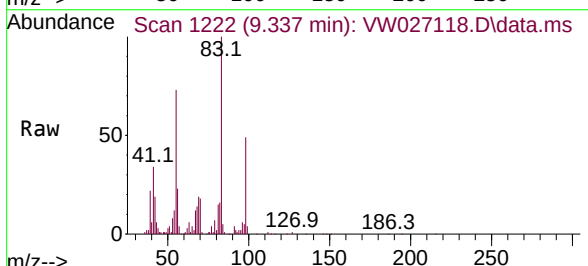
Tgt Ion: 83 Resp: 32640

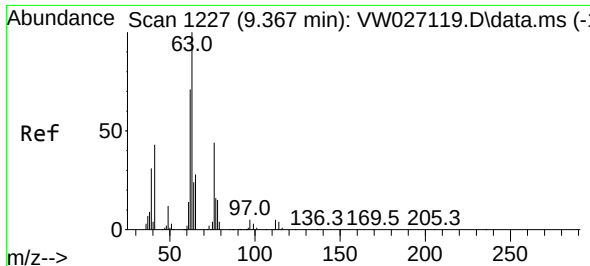
Ion Ratio Lower Upper

83 100

55 74.3 58.0 87.0

98 48.8 38.5 57.7





#37

1,2-Dichloropropane

Concen: 2.569 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

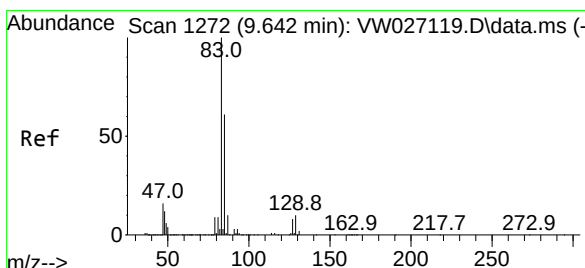
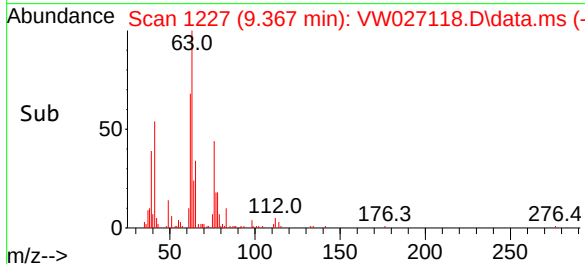
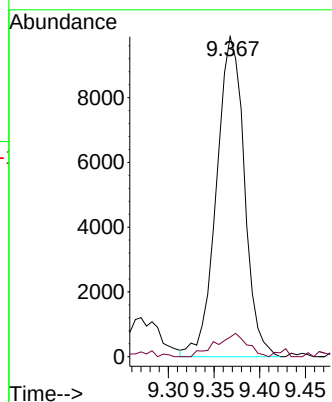
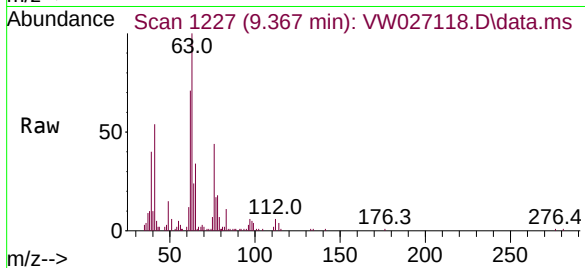
ClientSampleId :

Tgt Ion: 63 Resp: 21006

Ion Ratio Lower Upper

63 100

112 5.7 3.9 5.9



#38

Bromodichloromethane

Concen: 2.504 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

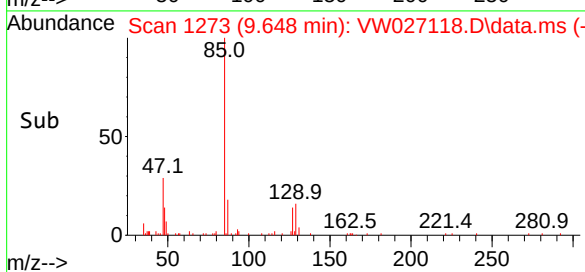
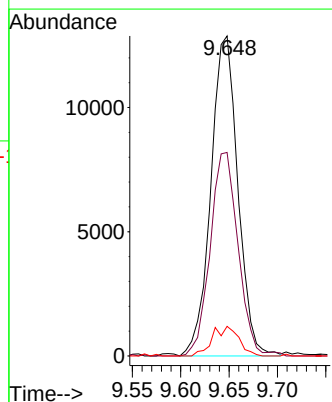
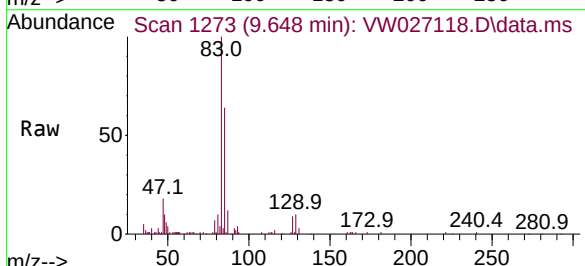
Tgt Ion: 83 Resp: 25042

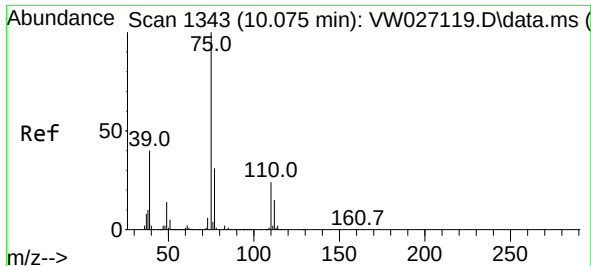
Ion Ratio Lower Upper

83 100

85 63.6 42.8 79.4

127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 2.173 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

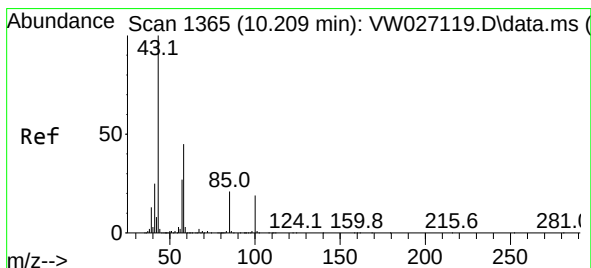
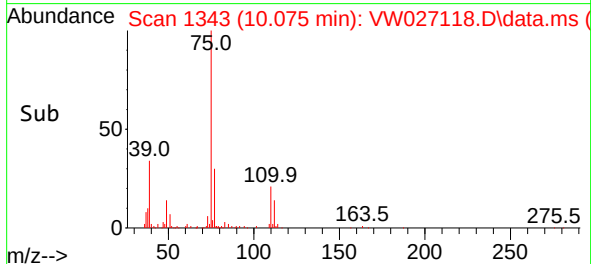
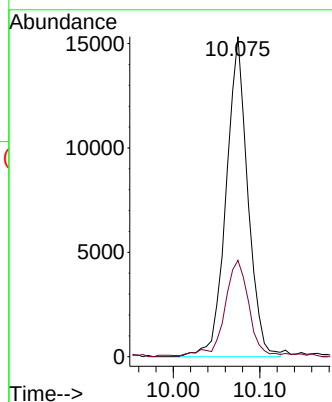
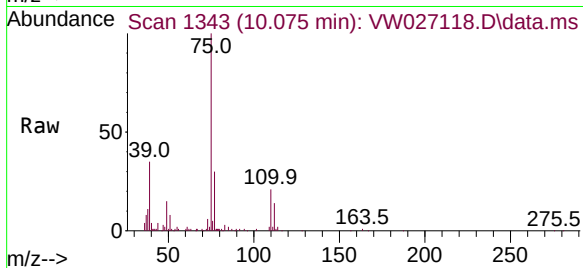
ClientSampleId :

Tgt Ion: 75 Resp: 26615

Ion Ratio Lower Upper

75 100

77 30.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 4.228 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

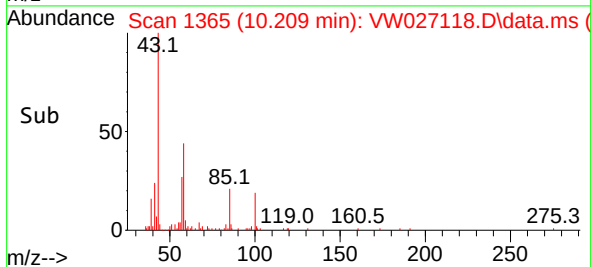
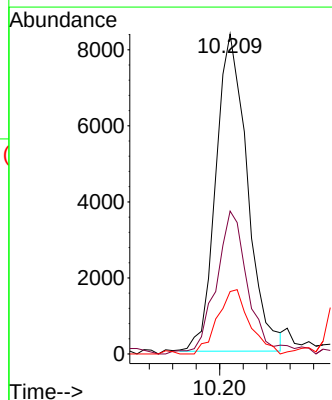
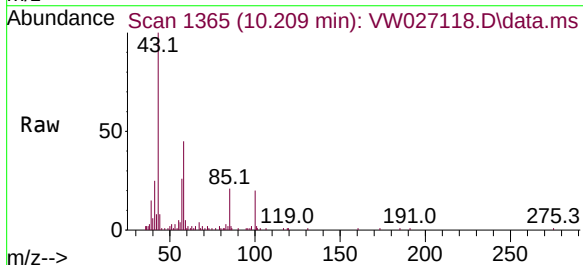
Tgt Ion: 43 Resp: 15503

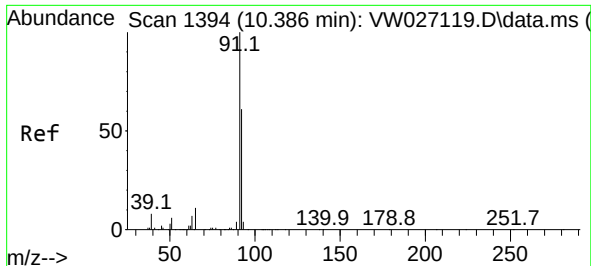
Ion Ratio Lower Upper

43 100

58 43.0 35.4 53.2

100 20.7 15.2 22.8





#42

Toluene

Concen: 2.261 ug/L

RT: 10.392 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

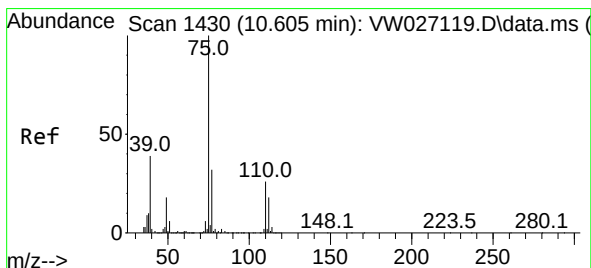
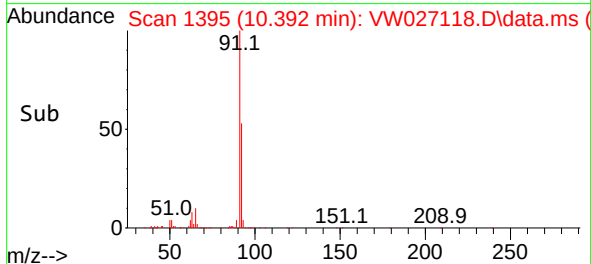
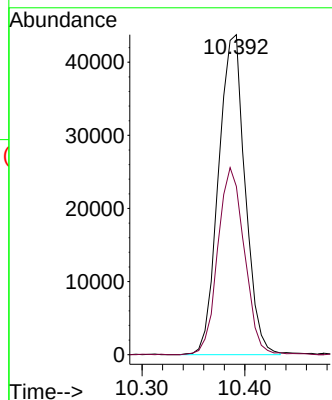
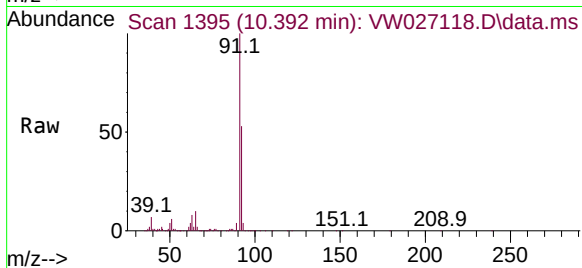
ClientSampleId :

Tgt Ion: 91 Resp: 78653

Ion Ratio Lower Upper

91 100

92 52.6 42.7 79.3



#44

trans-1,3-Dichloropropene

Concen: 2.254 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027118.D

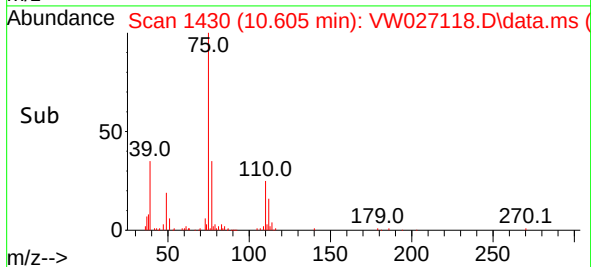
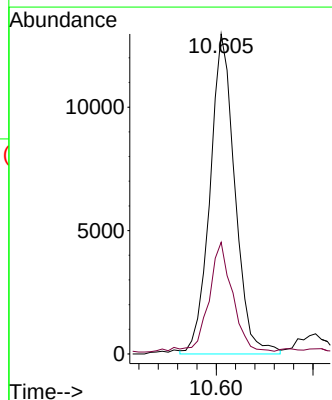
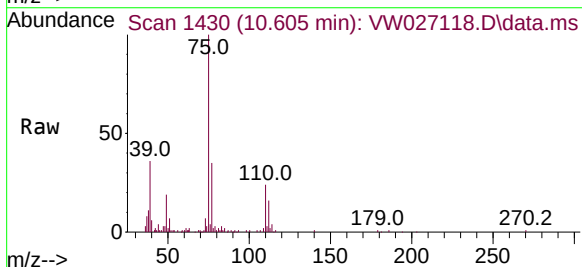
Acq: 18 Sep 2023 10:18

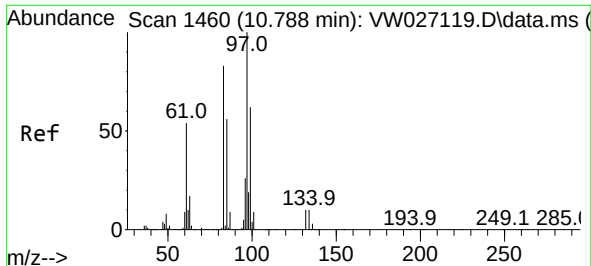
Tgt Ion: 75 Resp: 23172

Ion Ratio Lower Upper

75 100

77 34.9 22.6 42.0

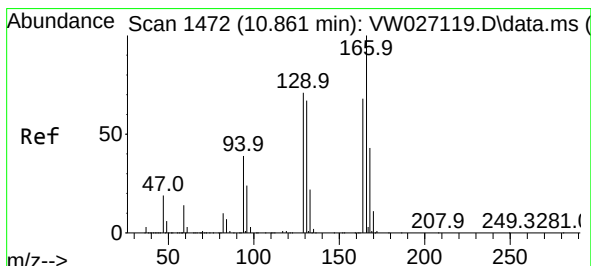
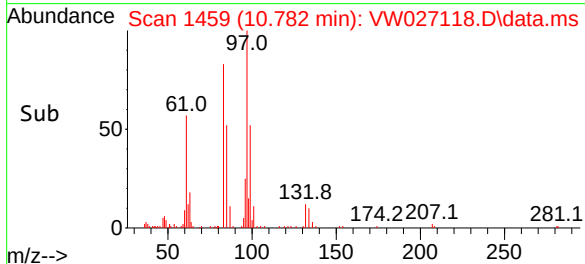
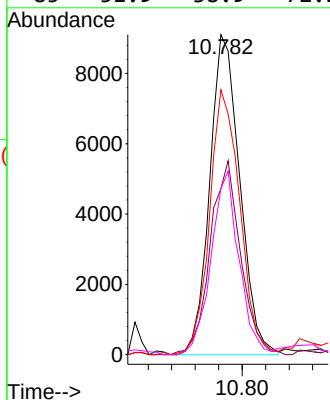
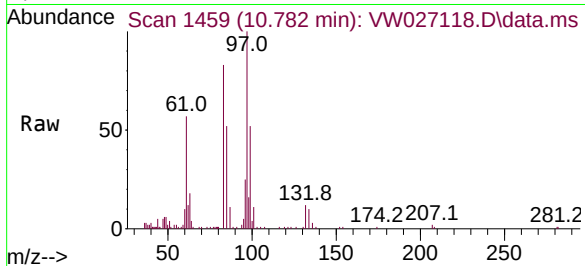




#45
1,1,2-Trichloroethane
Concen: 2.572 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

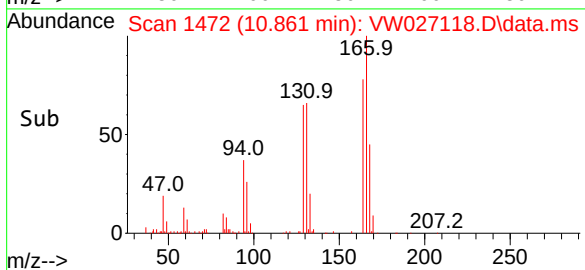
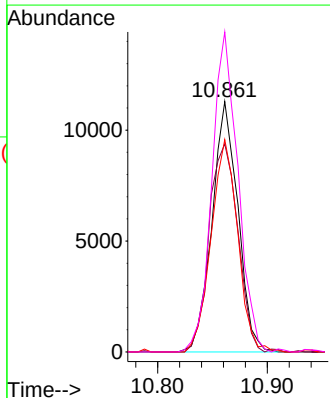
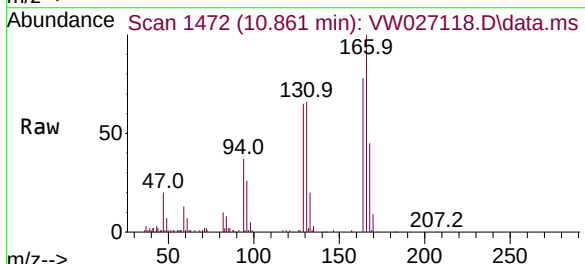
Instrument :
MSVOA_W
ClientSampleId :

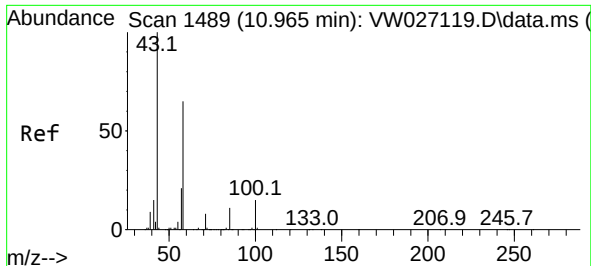
Tgt Ion: 97	Resp: 16181
Ion Ratio	Lower Upper
97 100	
99 51.9	43.3 80.5
83 82.8	58.0 107.8
85 51.9	38.9 72.2



#46
Tetrachloroethene
Concen: 2.531 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt	Ion:164	Resp:	18562
Ion	Ratio	Lower	Upper
164	100		
129	83.1	72.9	135.3
131	84.8	68.7	127.7
166	127.8	102.5	190.3

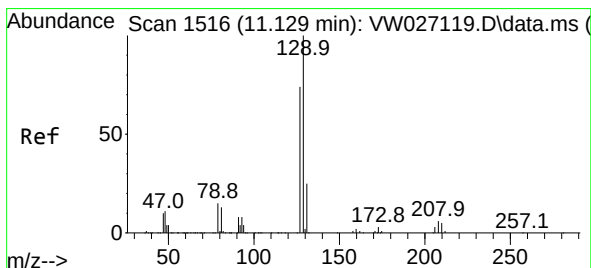
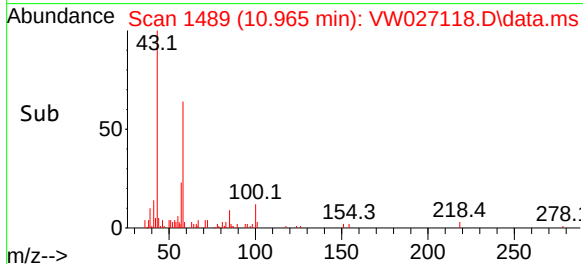
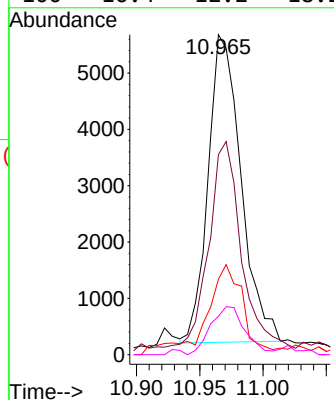
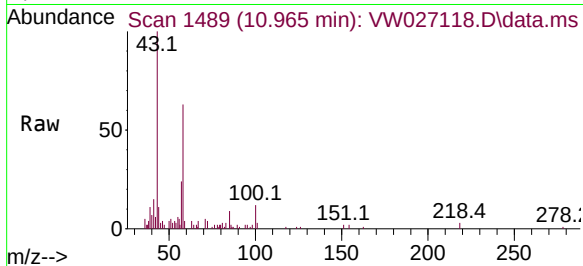




#48
2-Hexanone
Concen: 3.827 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

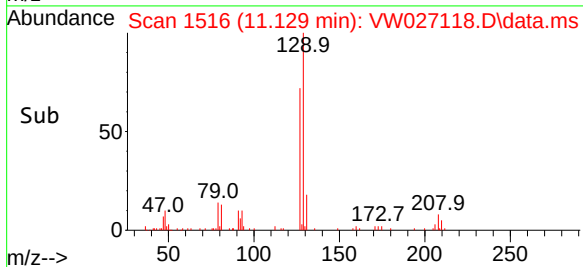
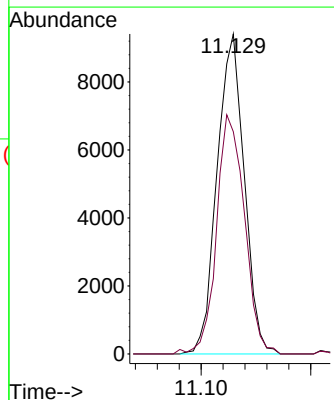
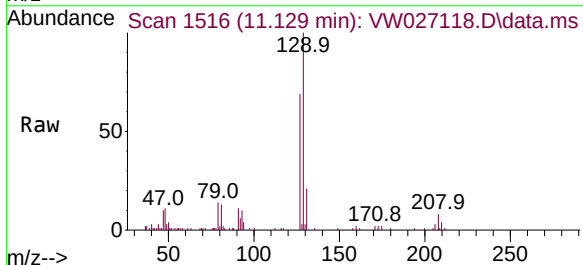
Instrument :
MSVOA_W
ClientSampleId :

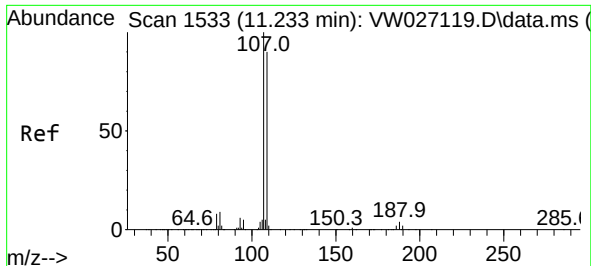
Tgt Ion:	43	Resp:	9881
Ion	Ratio	Lower	Upper
43	100		
58	73.8	51.4	77.0
57	26.9	17.2	25.8
100	16.4	12.2	18.2



#49
Dibromochloromethane
Concen: 2.463 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion:	129	Resp:	16219
Ion	Ratio	Lower	Upper
129	100		
127	69.5	51.9	96.5





#50

1,2-Dibromoethane

Concen: 2.494 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027118.D

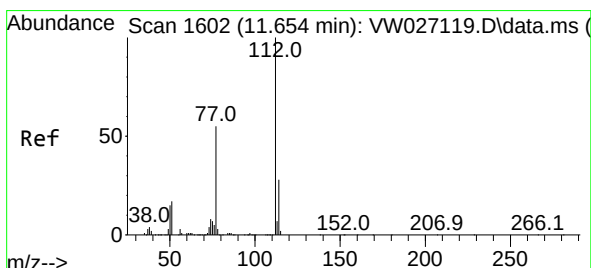
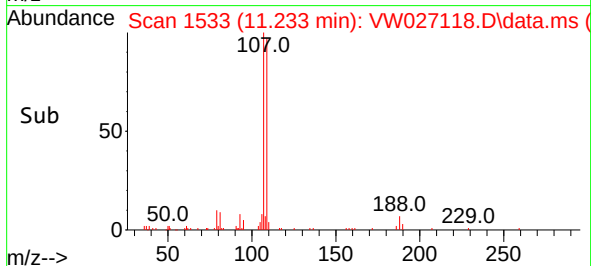
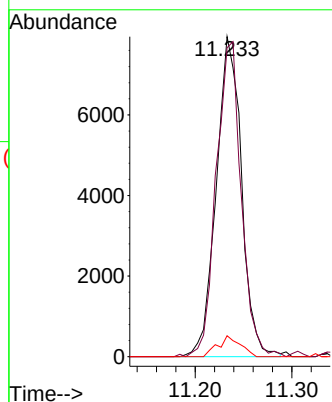
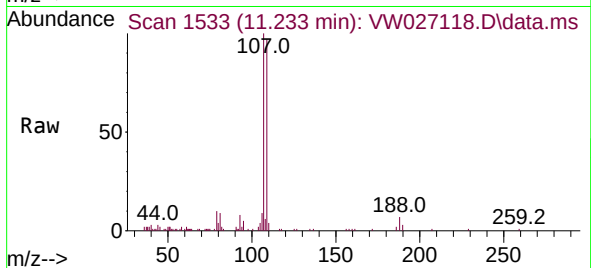
Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	14402
Ion	Ratio	Lower	Upper
107	100		
109	96.6	63.3	117.5
188	6.5	3.1	4.7#



#51

Chlorobenzene

Concen: 2.481 ug/L

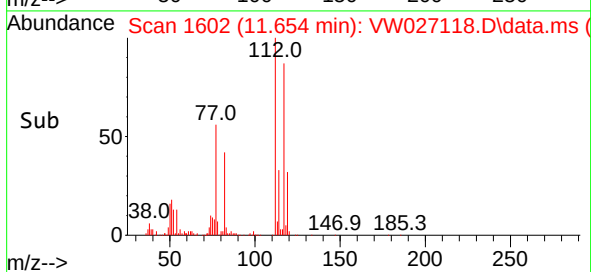
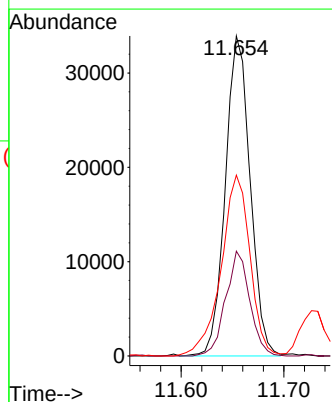
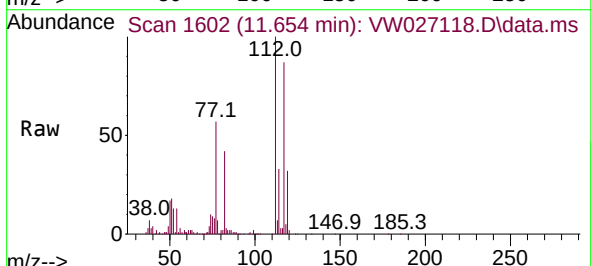
RT: 11.654 min Scan# 1602

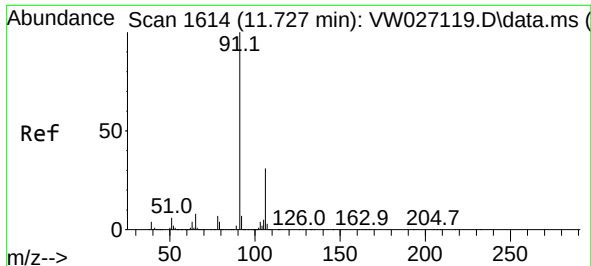
Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Tgt Ion:	112	Resp:	56960
Ion	Ratio	Lower	Upper
112	100		
114	32.8	19.7	36.7
77	56.5	44.5	66.7

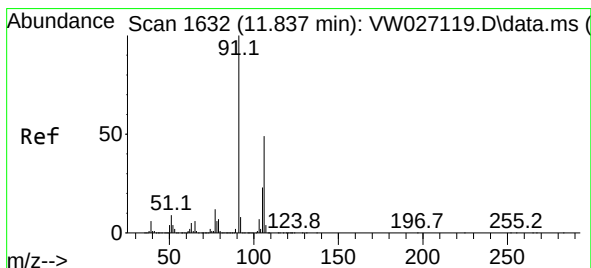
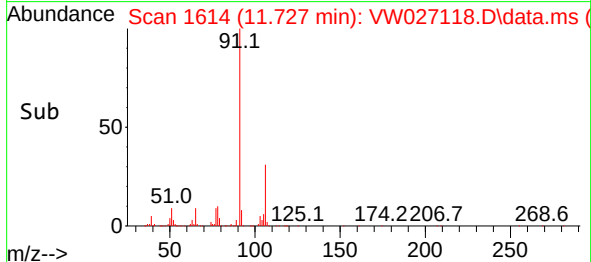
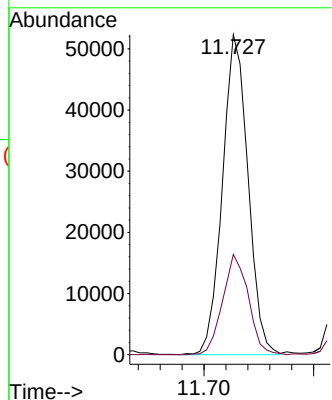
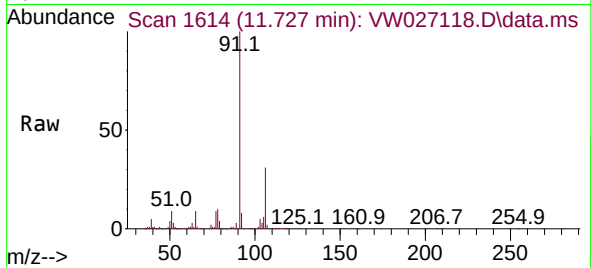




#52
Ethylbenzene
Concen: 2.224 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

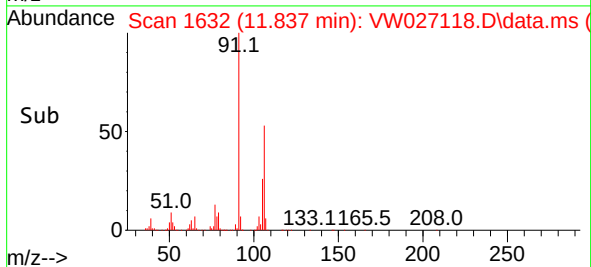
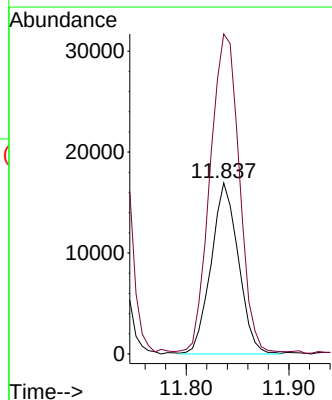
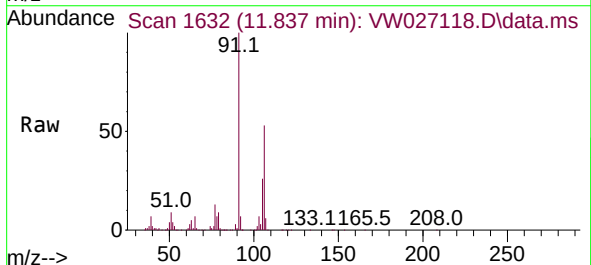
Instrument :
MSVOA_W
ClientSampleId :

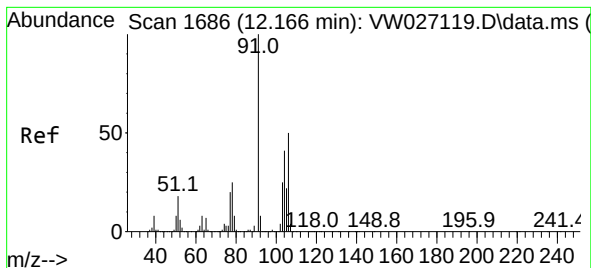
Tgt Ion: 91 Resp: 84848
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4



#53
m,p-Xylene
Concen: 2.132 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion: 106 Resp: 31203
Ion Ratio Lower Upper
106 100
91 187.1 142.7 265.1





#54

o-Xylene

Concen: 1.998 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

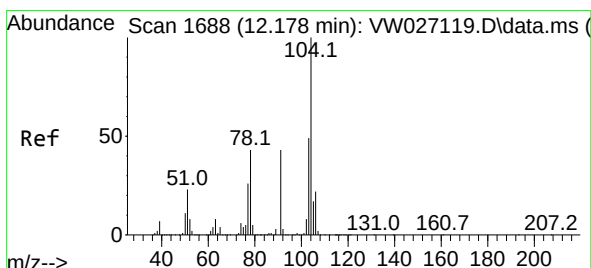
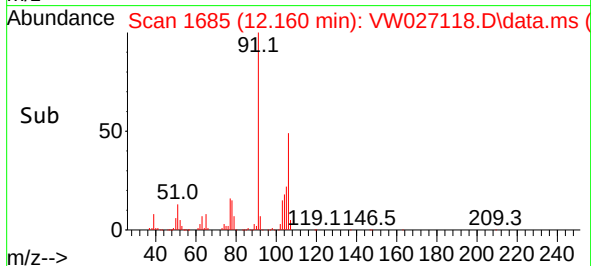
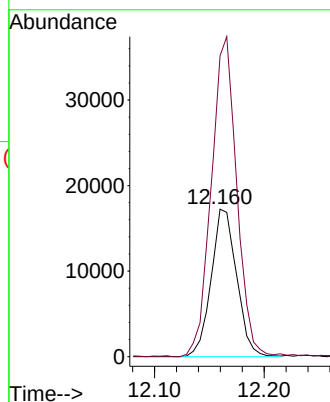
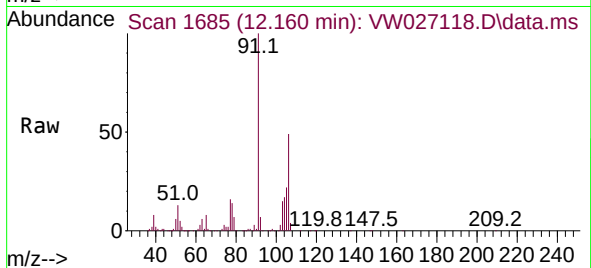
ClientSampleId :

Tgt Ion:106 Resp: 27849

Ion Ratio Lower Upper

106 100

91 203.9 140.6 261.0



#55

Styrene

Concen: 1.958 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027118.D

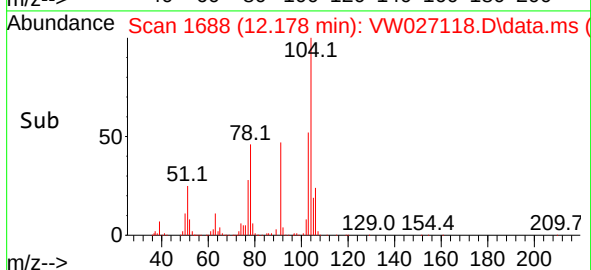
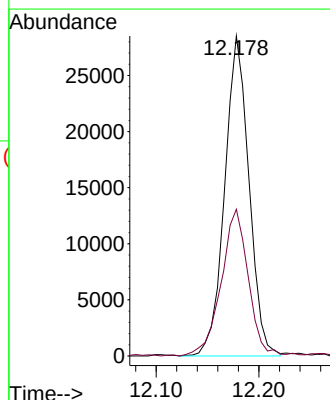
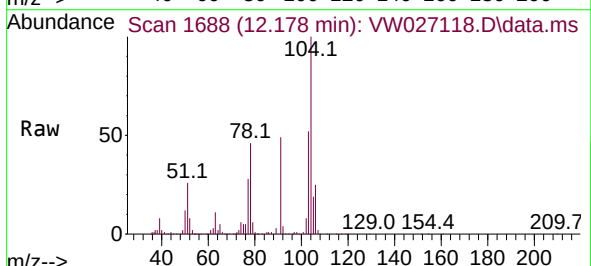
Acq: 18 Sep 2023 10:18

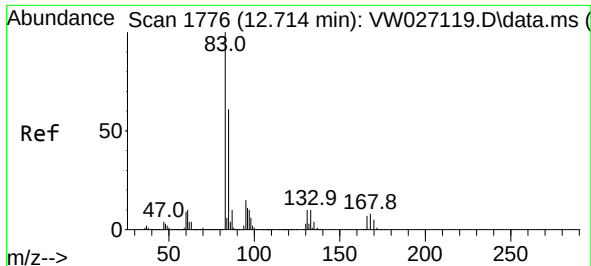
Tgt Ion:104 Resp: 46768

Ion Ratio Lower Upper

104 100

78 45.8 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.529 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW027118.D

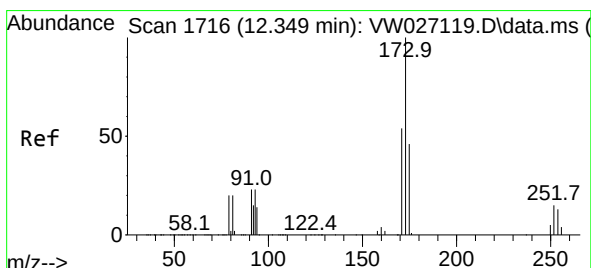
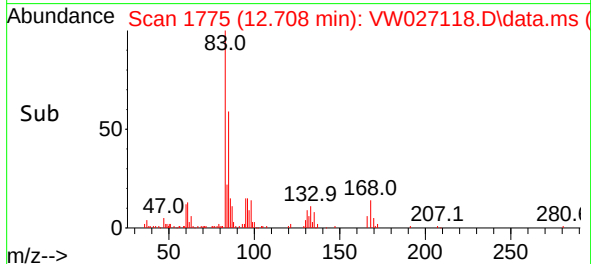
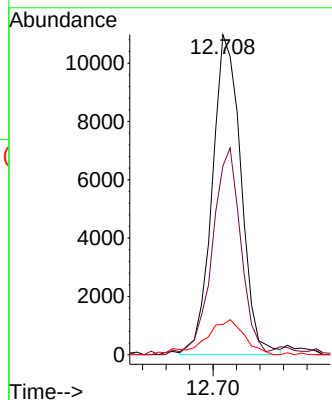
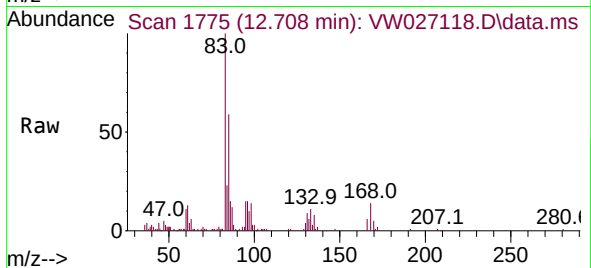
Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 18644
Ion Ratio	Lower Upper
83 100	
85 59.0	42.5 78.9
131 9.4	7.8 11.8



#59

Bromoform

Concen: 2.453 ug/L

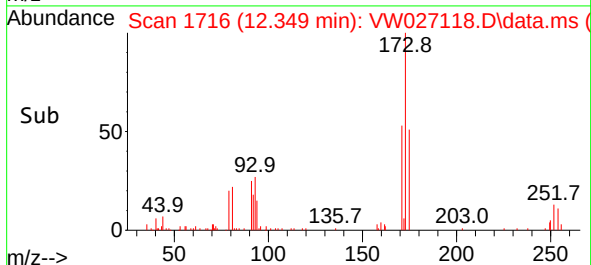
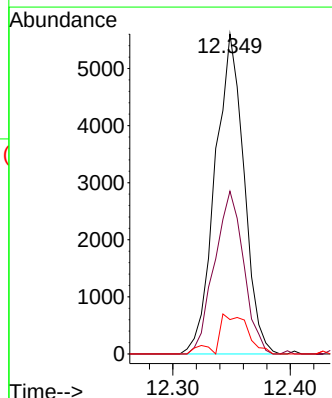
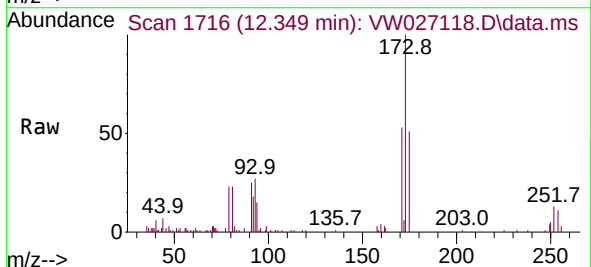
RT: 12.349 min Scan# 1716

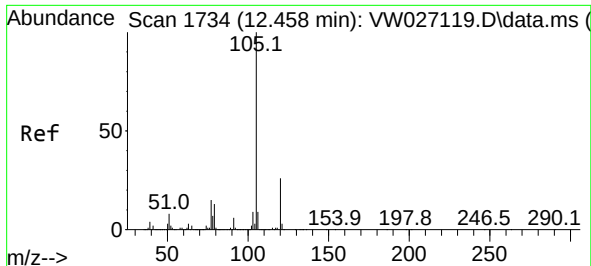
Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Tgt Ion: 173	Resp: 9557
Ion Ratio	Lower Upper
173 100	
175 51.5	36.6 55.0
254 5.0	10.0 15.0

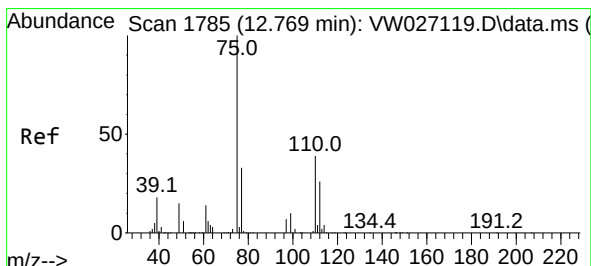
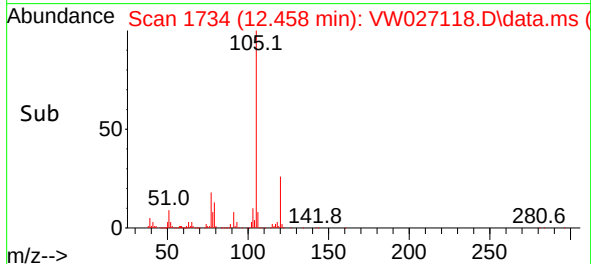
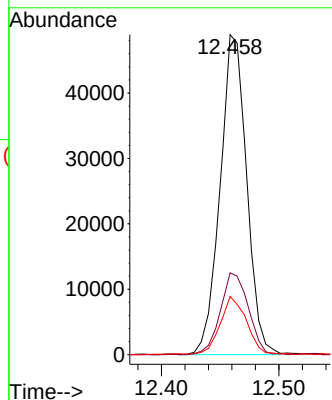
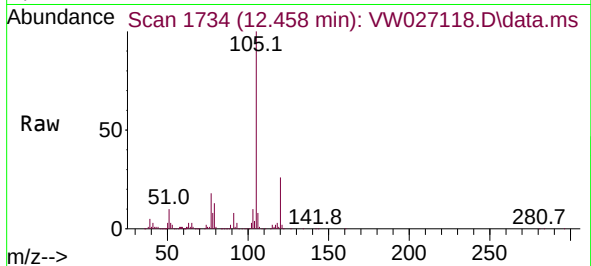




#60
Isopropylbenzene
Concen: 2.135 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

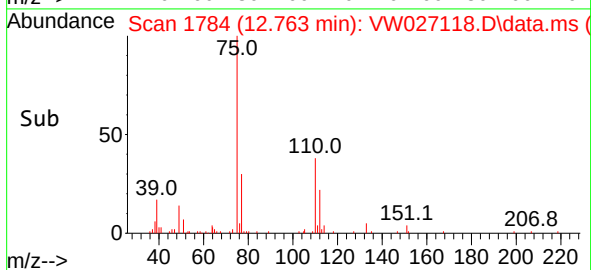
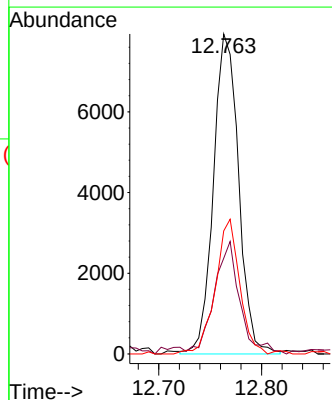
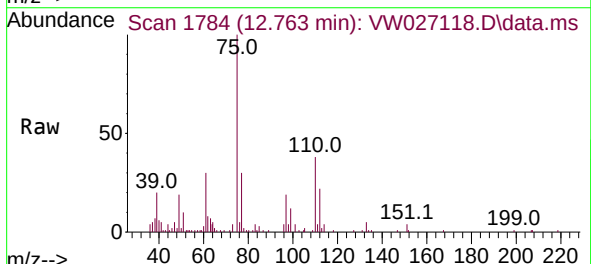
Instrument :
MSVOA_W
ClientSampleId :

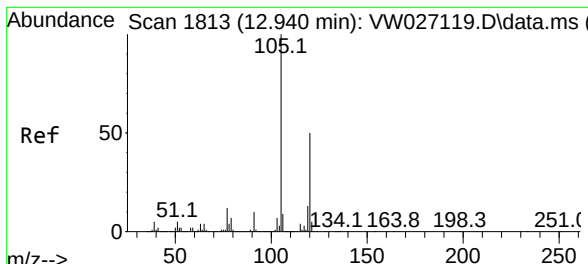
Tgt Ion:105 Resp: 76922
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.4
77 18.1 12.0 18.0#



#61
1,2,3-Trichloropropane
Concen: 2.692 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion: 75 Resp: 13504
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 40.5 31.6 47.4

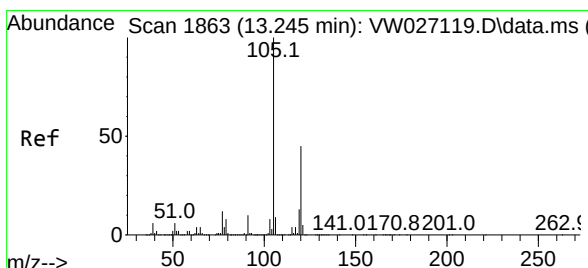
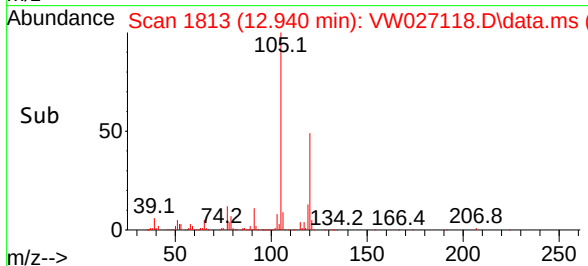
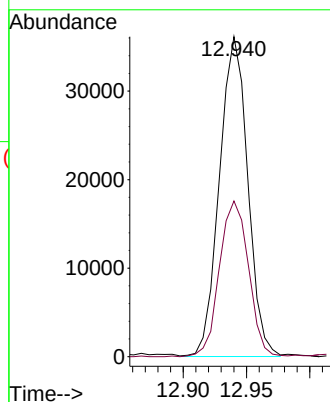
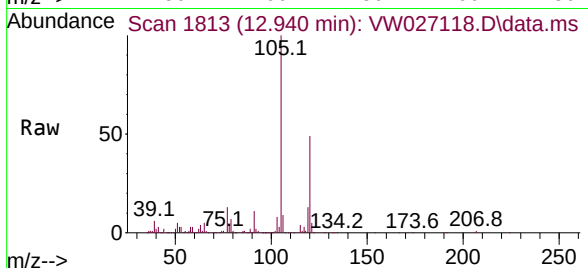




#62
 1,3,5-Trimethylbenzene
 Concen: 1.950 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW027118.D
 Acq: 18 Sep 2023 10:18

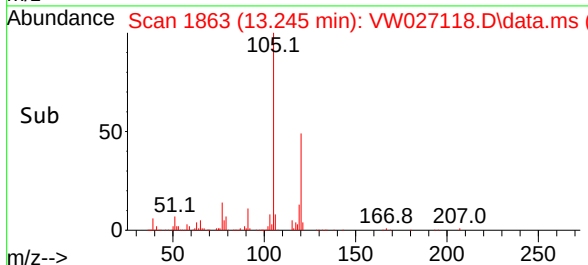
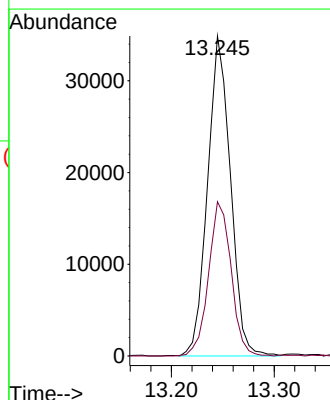
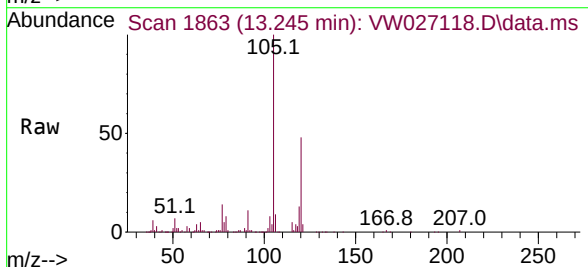
Instrument :
 MSVOA_W
 ClientSampleId :

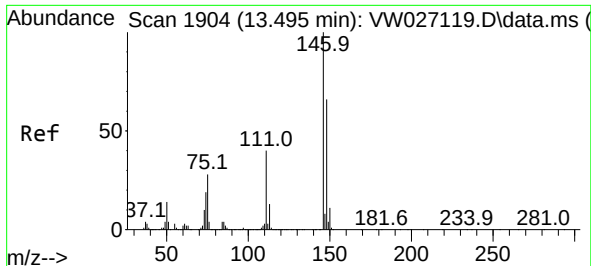
Tgt Ion:105 Resp: 56229
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.5 60.7



#63
 1,2,4-Trimethylbenzene
 Concen: 1.934 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW027118.D
 Acq: 18 Sep 2023 10:18

Tgt Ion:105 Resp: 54045
 Ion Ratio Lower Upper
 105 100
 120 47.5 36.2 54.2

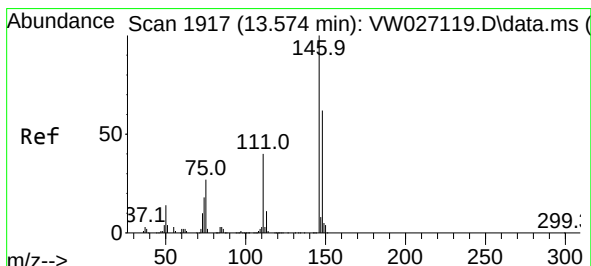
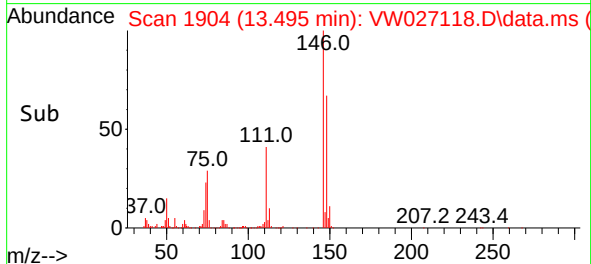
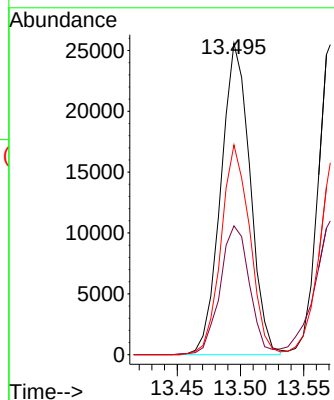
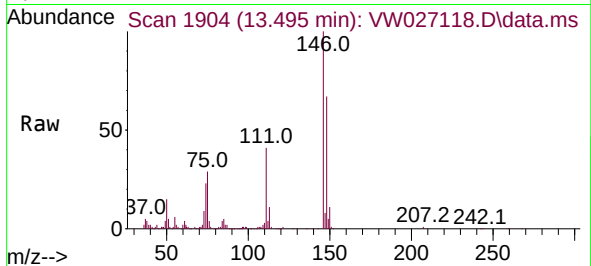




#64
1,3-Dichlorobenzene
Concen: 2.413 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

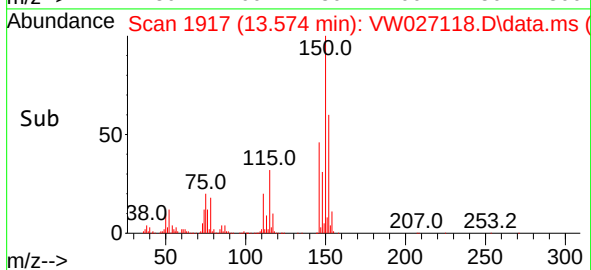
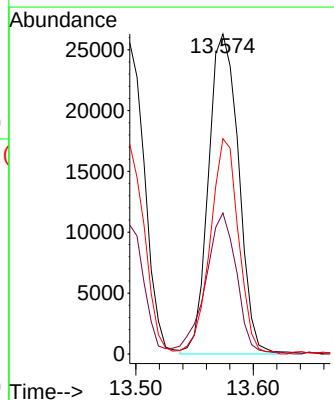
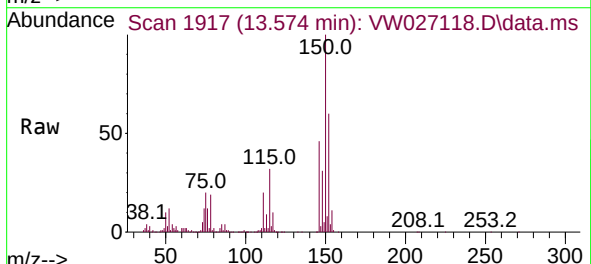
Instrument :
MSVOA_W
ClientSampleId :

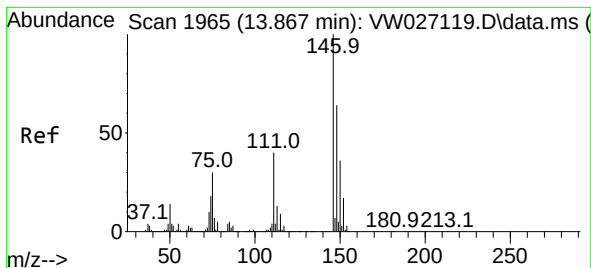
Tgt Ion:146 Resp: 41110
Ion Ratio Lower Upper
146 100
111 41.4 27.6 51.4
148 67.4 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 2.641 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027118.D
Acq: 18 Sep 2023 10:18

Tgt Ion:146 Resp: 46779
Ion Ratio Lower Upper
146 100
111 44.1 28.1 52.1
148 67.3 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 2.445 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

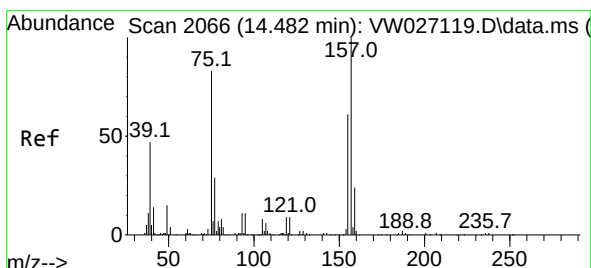
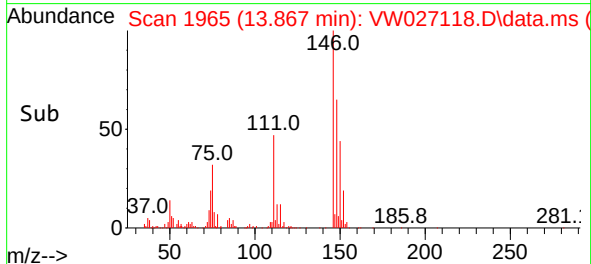
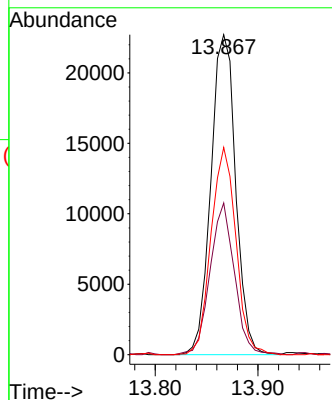
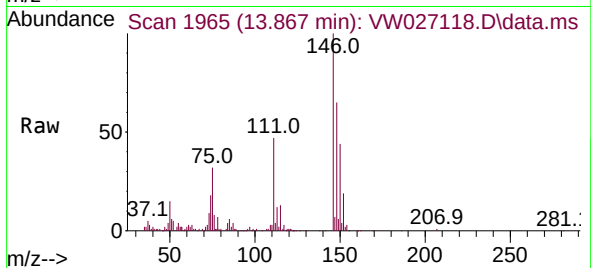
Tgt Ion:146 Resp: 38089

Ion Ratio Lower Upper

146 100

111 47.4 32.2 48.2

148 64.7 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.817 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

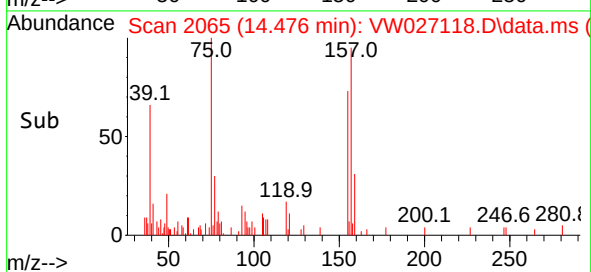
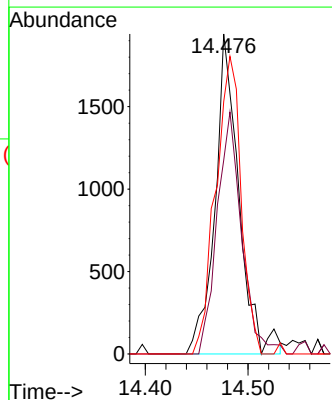
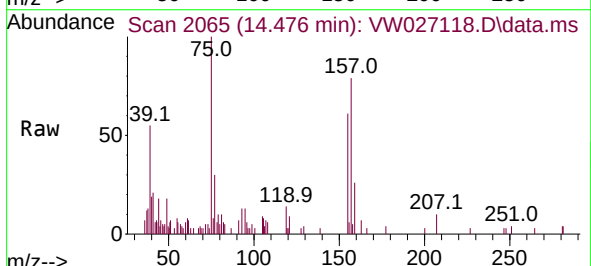
Tgt Ion: 75 Resp: 3129

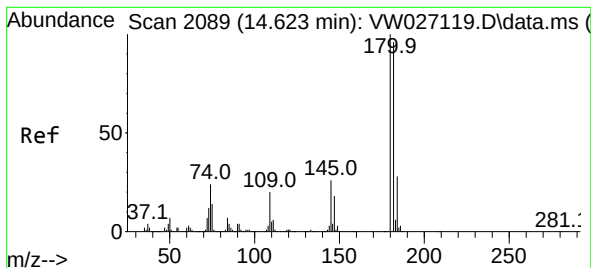
Ion Ratio Lower Upper

75 100

155 60.5 58.7 88.1

157 78.9 95.9 143.9#





#69

1,3,5-Trichlorobenzene

Concen: 2.536 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

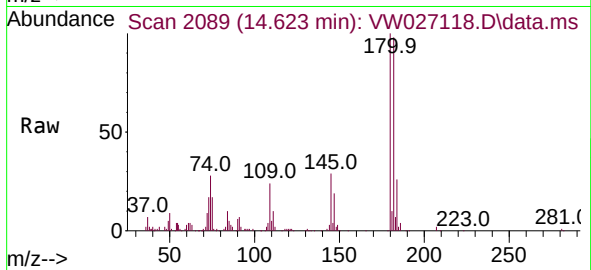
Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 31104

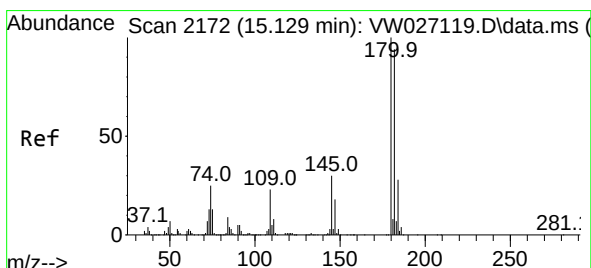
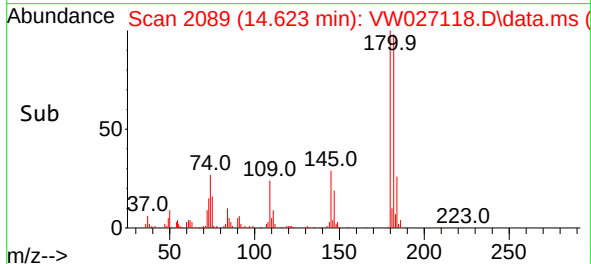
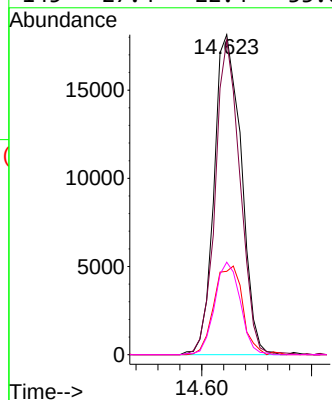
Ion Ratio Lower Upper

180 100

182 89.9 76.6 115.0

184 29.1 23.8 35.8

145 27.4 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 2.556 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

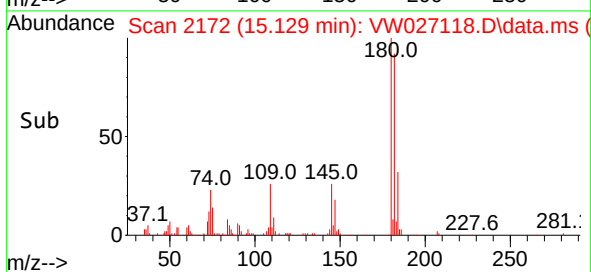
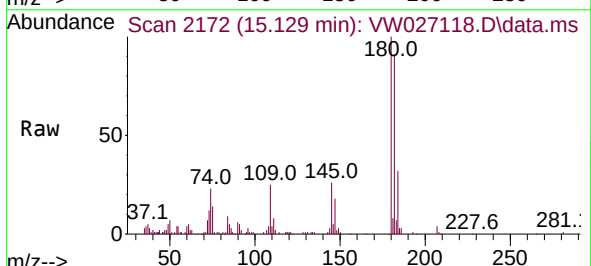
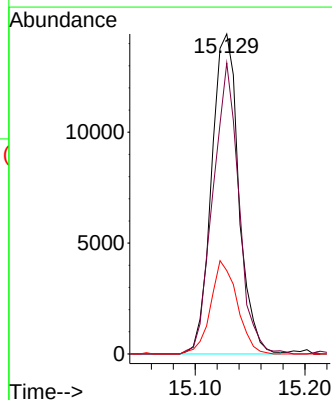
Tgt Ion:180 Resp: 24852

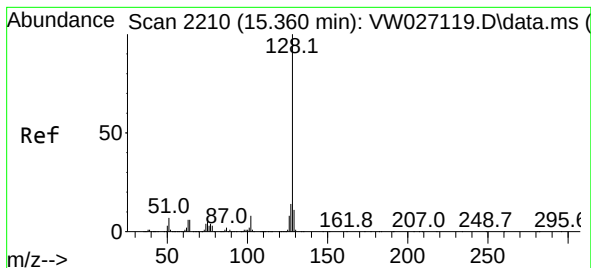
Ion Ratio Lower Upper

180 100

182 86.4 78.2 117.4

145 28.4 24.6 36.8





#71

Naphthalene

Concen: 2.039 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

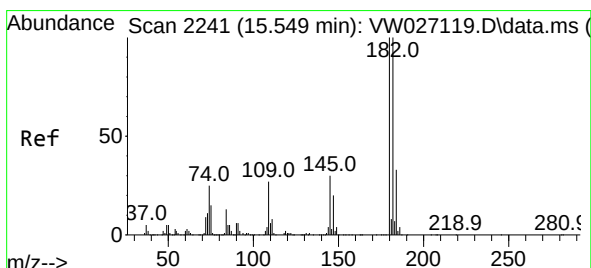
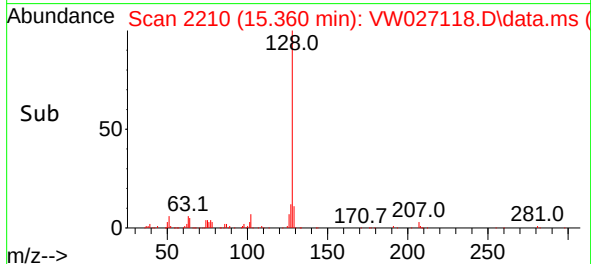
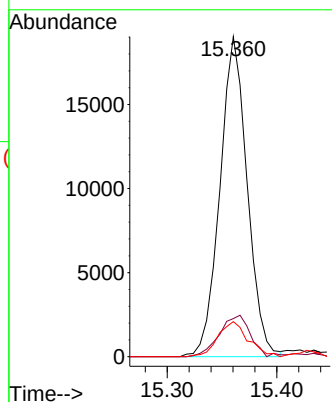
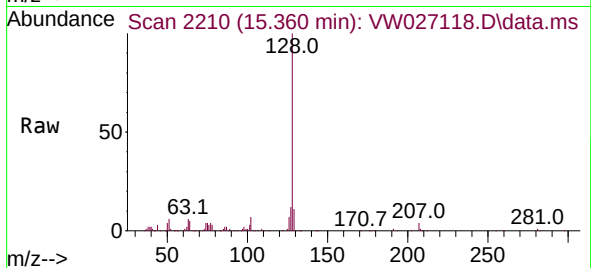
Tgt Ion:128 Resp: 32977

Ion Ratio Lower Upper

128 100

127 14.4 10.7 16.1

129 12.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.449 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027118.D

Acq: 18 Sep 2023 10:18

Tgt Ion:180 Resp: 21497

Ion Ratio Lower Upper

180 100

182 95.7 79.0 118.6

145 33.4 25.4 38.2

