

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027122.D
 Acq On : 18 Sep 2023 12:41
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:32:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:25:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	537079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	503498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294488	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	184326	21.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
7) Chloroethane-d5	2.899	69	145428	21.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.160%
11) 1,1-Dichloroethene-d2	4.027	65	79794	21.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.081	46	74326	46.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.900%
24) Chloroform-d	7.648	84	370675	22.973	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	8.307	65	180124	22.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.520%
32) Benzene-d6	8.276	84	791204	24.333	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	9.276	67	222457	24.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.318	98	726000	25.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.360%
43) trans-1,3-Dichloroprop...	10.574	79	89284	24.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.040%
47) 2-Hexanone-d5	10.922	63	61159	55.164	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	182243	24.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	247134	23.499	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	135386	22.160	ug/L	96
3) Chloromethane	2.228	50	164394	25.077	ug/L	99
5) Vinyl chloride	2.375	62	210123	23.556	ug/L	99
6) Bromomethane	2.789	94	148145	23.915	ug/L	99
8) Chloroethane	2.936	64	128218	24.649	ug/L	95
9) Trichlorofluoromethane	3.265	101	167323	24.155	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	196378	24.604	ug/L	95
12) 1,1-Dichloroethene	4.045	96	192957	24.634	ug/L	89
13) Acetone	4.124	43	69720	46.122	ug/L	95
14) Carbon disulfide	4.393	76	642052	24.588	ug/L	100
15) Methyl Acetate	4.673	43	74425	24.955	ug/L	98
16) Methylene chloride	4.917	84	231773	22.683	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	210699	24.788	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	295857	26.196	ug/L	99
19) 1,1-Dichloroethane	6.222	63	368190	24.701	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	228567	25.567	ug/L	99
22) 2-Butanone	7.167	43	95452	46.744	ug/L	96
23) Bromochloromethane	7.520	128	104105	25.294	ug/L	93
25) Chloroform	7.679	83	376153	24.572	ug/L	99

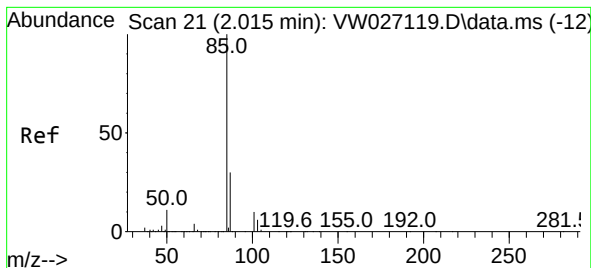
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027122.D
 Acq On : 18 Sep 2023 12:41
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:32:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:25:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	233825	25.206	ug/L	100
29) Cyclohexane	7.959	56	329635	27.352	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	305773	25.697	ug/L	100
31) Carbon tetrachloride	8.069	117	278638	26.424	ug/L	98
33) Benzene	8.325	78	883685	26.573	ug/L	100
34) Trichloroethene	9.093	95	222152	25.278	ug/L	94
35) Methylcyclohexane	9.337	83	403437	26.912	ug/L	99
37) 1,2-Dichloropropane	9.367	63	213475	25.849	ug/L	100
38) Bromodichloromethane	9.648	83	264153	26.155	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	332239	26.857	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	204356	55.175	ug/L	98
42) Toluene	10.385	91	965631	27.480	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	277797	26.758	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	166816	26.252	ug/L	98
46) Tetrachloroethene	10.861	164	195305	26.366	ug/L	77
48) 2-Hexanone	10.965	43	149622	56.017	ug/L	100
49) Dibromochloromethane	11.129	129	172809	25.986	ug/L	95
50) 1,2-Dibromoethane	11.233	107	154650	26.519	ug/L	88
51) Chlorobenzene	11.654	112	604663	26.074	ug/L	98
52) Ethylbenzene	11.727	91	1048052	27.194	ug/L	98
53) m,p-Xylene	11.836	106	412916	27.937	ug/L	95
54) o-Xylene	12.166	106	385375	27.370	ug/L	98
55) Styrene	12.178	104	680667	28.213	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	195168	26.214	ug/L	97
59) Bromoform	12.349	173	111763	26.197	ug/L	99
60) Isopropylbenzene	12.458	105	1066078	27.020	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	135447	24.662	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	885625	28.049	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	847270	27.695	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	482010	25.835	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	489453	25.241	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	426944	25.037	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	29823	24.520	ug/L	89
69) 1,3,5-Trichlorobenzene	14.629	180	339316	25.265	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	271799	25.536	ug/L	98
71) Naphthalene	15.360	128	488260	27.575	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	255657	26.607	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 22.160 ug/L

RT: 2.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

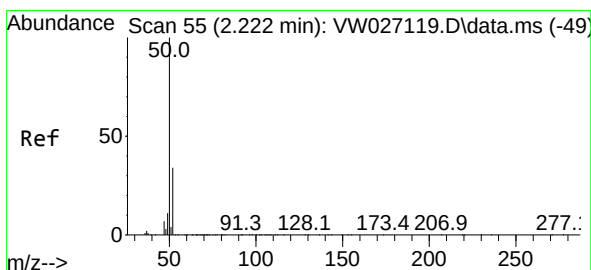
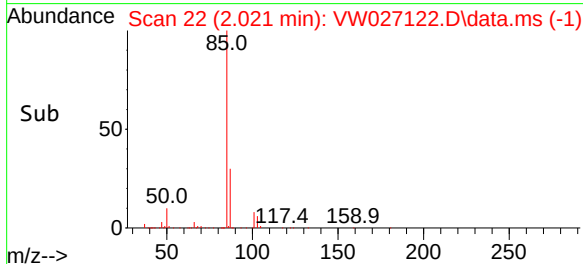
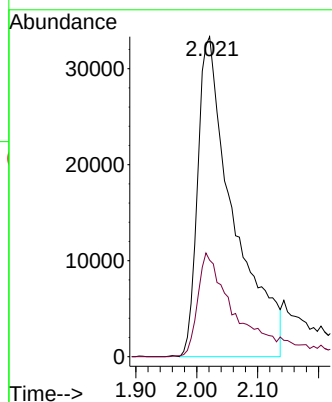
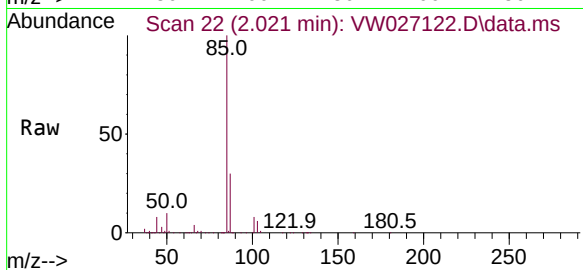
ClientSampleId :

Tgt Ion: 85 Resp: 135386

Ion Ratio Lower Upper

85 100

87 25.3 18.5 27.7



#3

Chloromethane

Concen: 25.077 ug/L

RT: 2.228 min Scan# 56

Delta R.T. 0.006 min

Lab File: VW027122.D

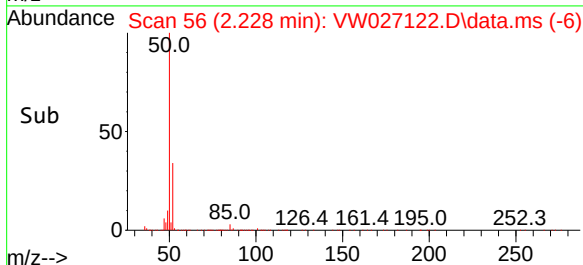
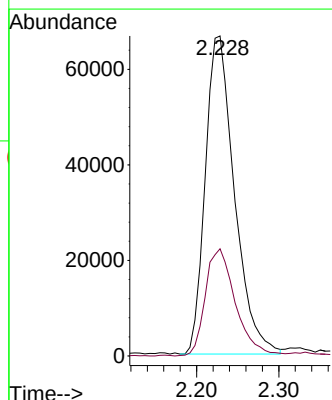
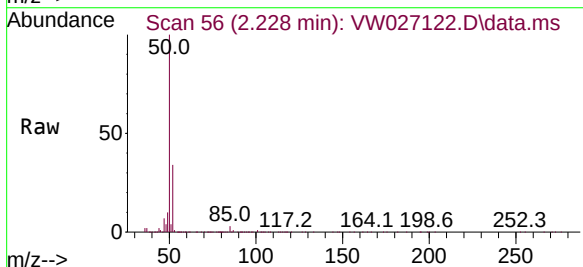
Acq: 18 Sep 2023 12:41

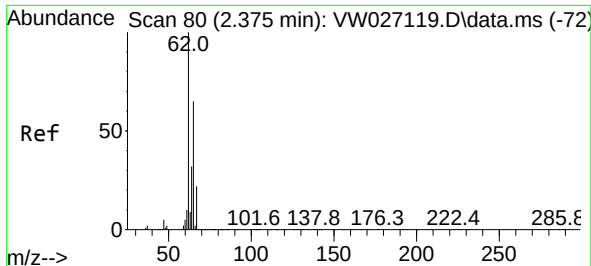
Tgt Ion: 50 Resp: 164394

Ion Ratio Lower Upper

50 100

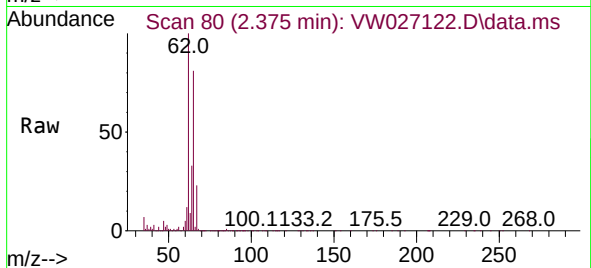
52 33.5 23.8 44.2



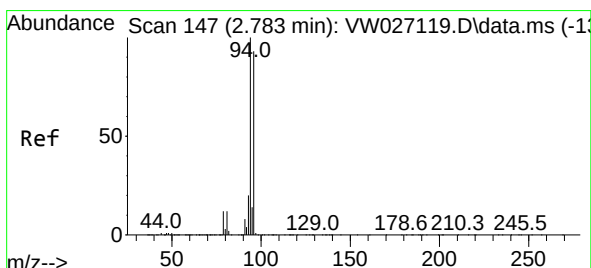
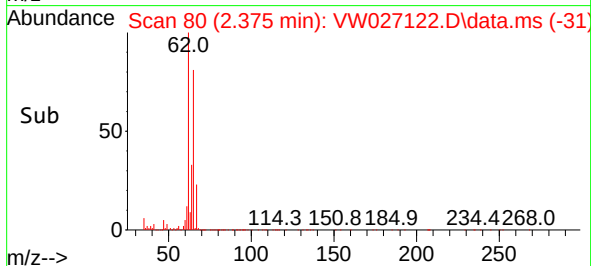
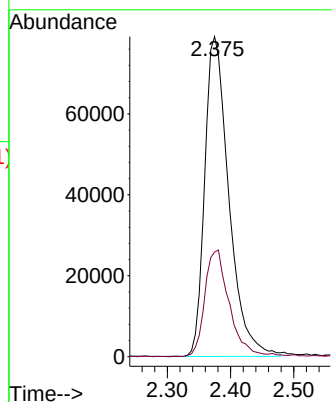


#5
 Vinyl chloride
 Concen: 23.556 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027122.D
 Acq: 18 Sep 2023 12:41

Instrument :
 MSVOA_W
 ClientSampleId :

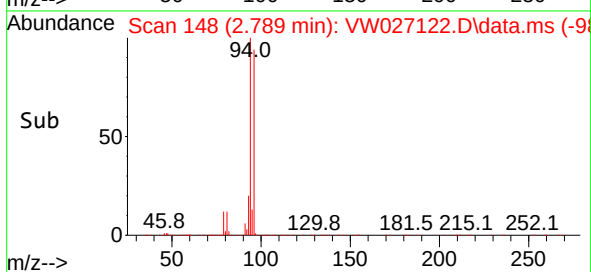
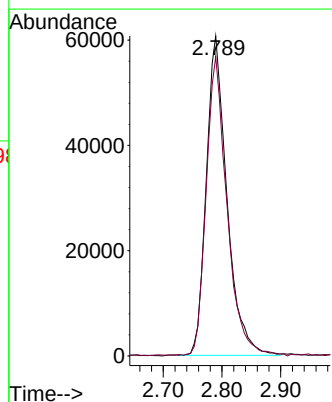
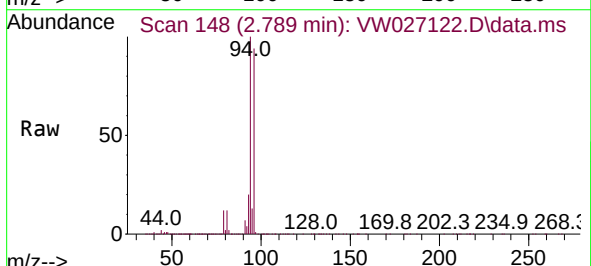


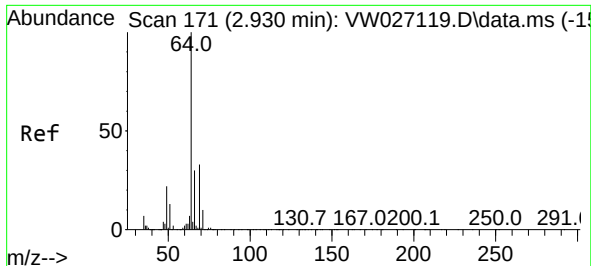
Tgt Ion: 62 Resp: 210123
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.5 41.7



#6
 Bromomethane
 Concen: 23.915 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027122.D
 Acq: 18 Sep 2023 12:41

Tgt Ion: 94 Resp: 148145
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.0 120.8





#8

Chloroethane

Concen: 24.649 ug/L

RT: 2.936 min Scan# 171

Delta R.T. 0.006 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

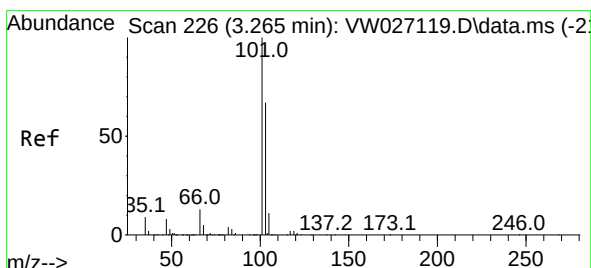
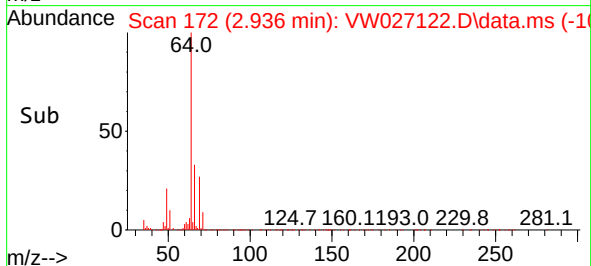
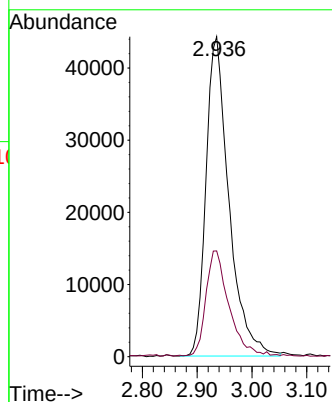
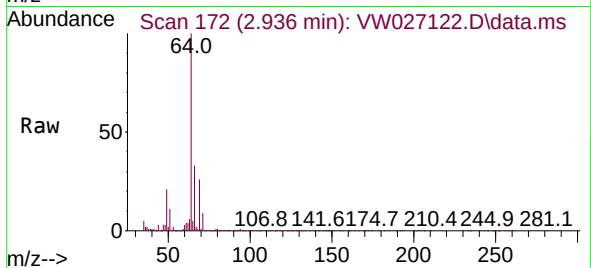
ClientSampleId :

Tgt Ion: 64 Resp: 128218

Ion Ratio Lower Upper

64 100

66 33.0 21.3 39.6



#9

Trichlorofluoromethane

Concen: 24.155 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.000 min

Lab File: VW027122.D

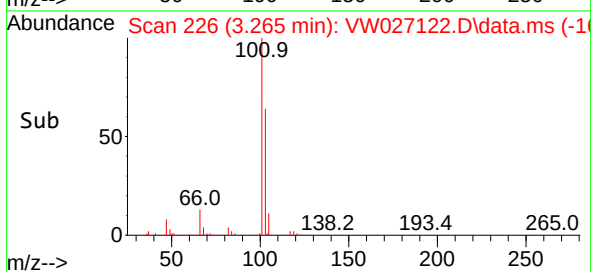
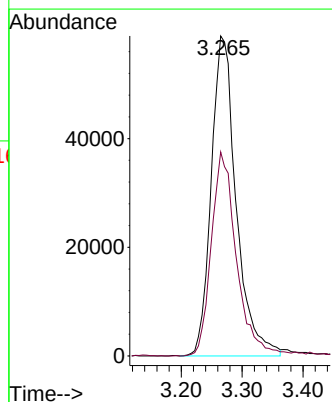
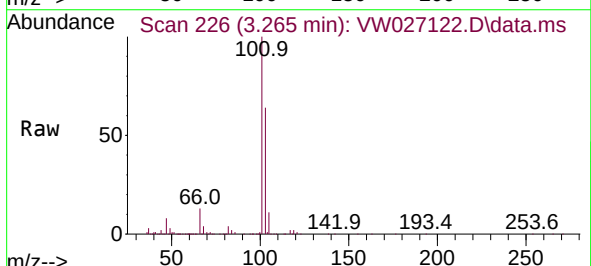
Acq: 18 Sep 2023 12:41

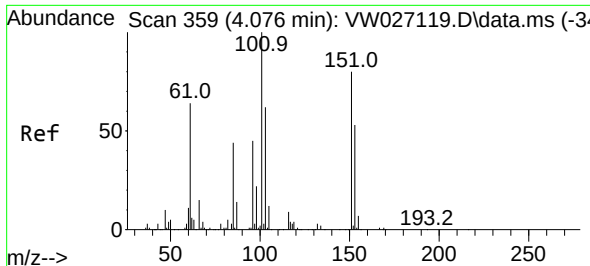
Tgt Ion: 101 Resp: 167323

Ion Ratio Lower Upper

101 100

103 64.2 50.9 76.3

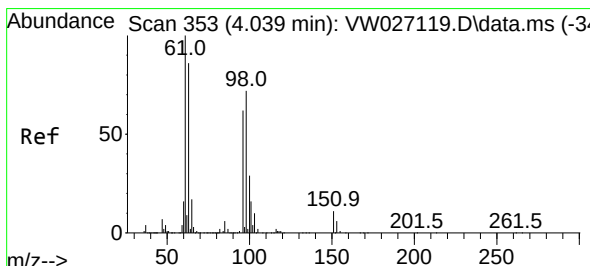
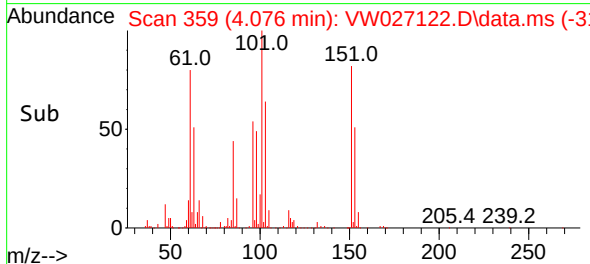
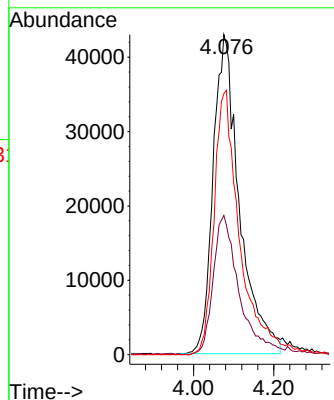
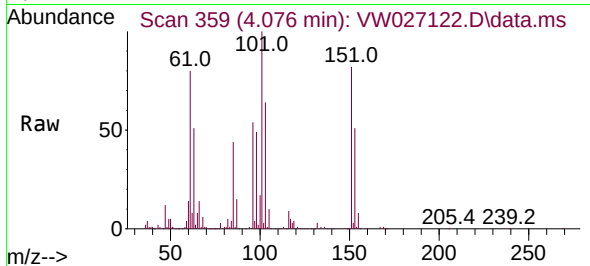




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.604 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW027122.D
 Acq: 18 Sep 2023 12:41

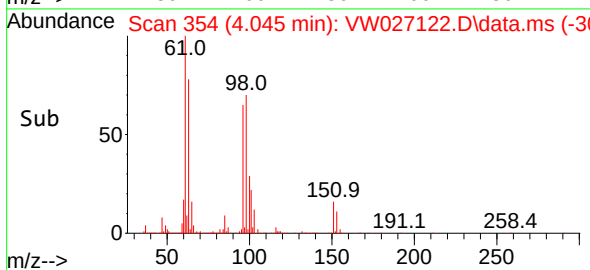
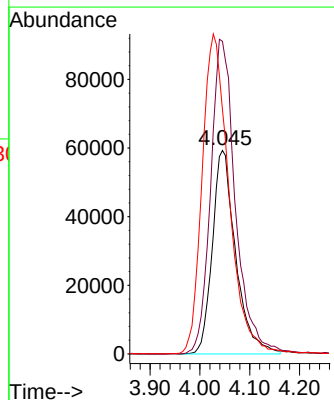
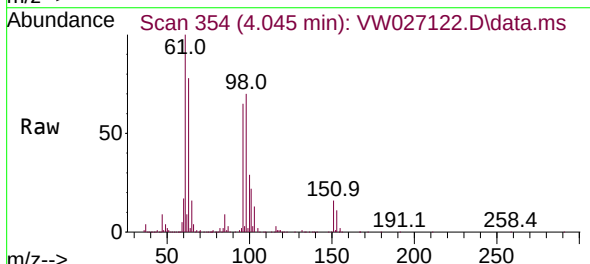
Instrument :
 MSVOA_W
 ClientSampleId :

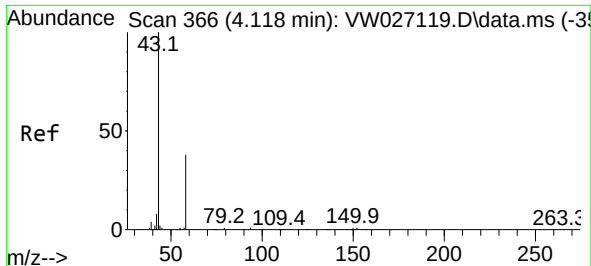
Tgt Ion:101 Resp: 196378
 Ion Ratio Lower Upper
 101 100
 85 41.3 35.7 53.5
 151 76.2 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 24.634 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW027122.D
 Acq: 18 Sep 2023 12:41

Tgt Ion: 96 Resp: 192957
 Ion Ratio Lower Upper
 96 100
 61 153.6 112.5 208.9
 63 120.1 99.4 184.6

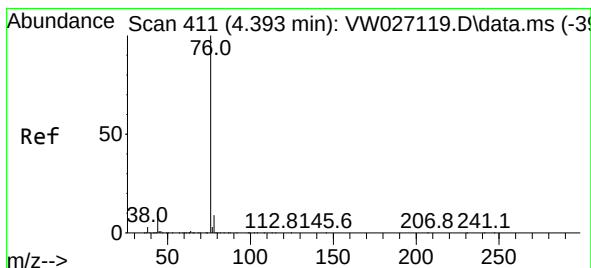
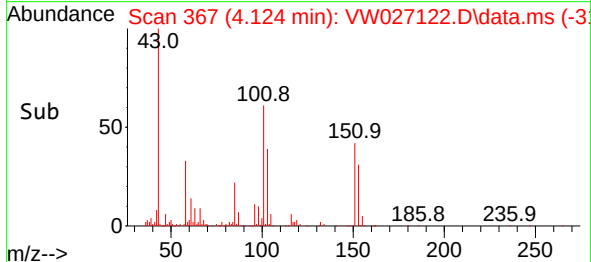
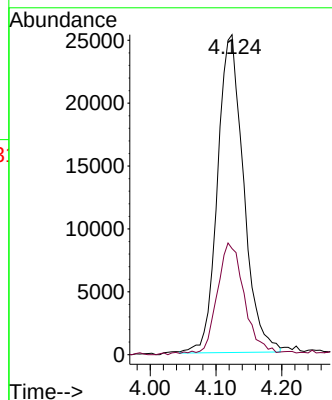
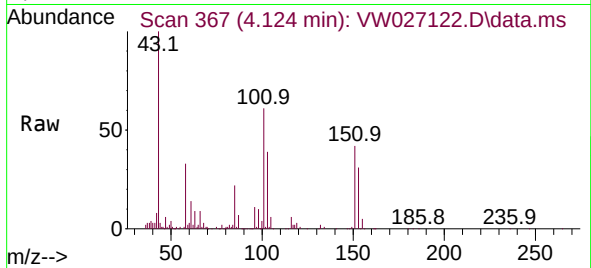




#13
Acetone
Concen: 46.122 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

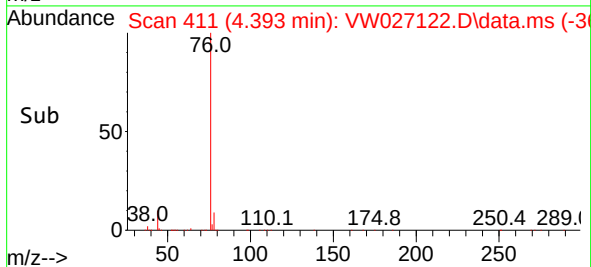
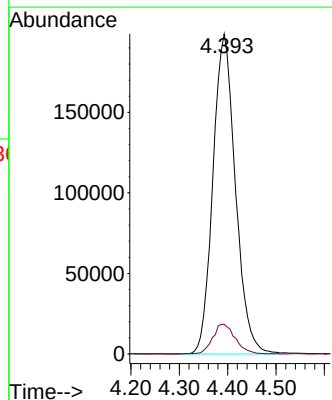
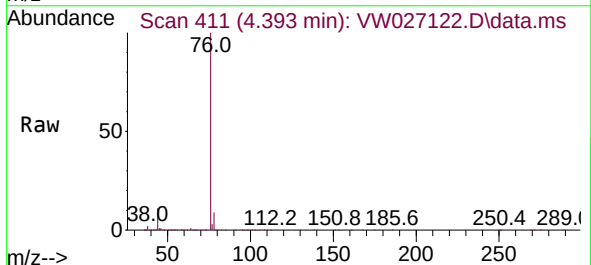
Instrument :
MSVOA_W
ClientSampleId :

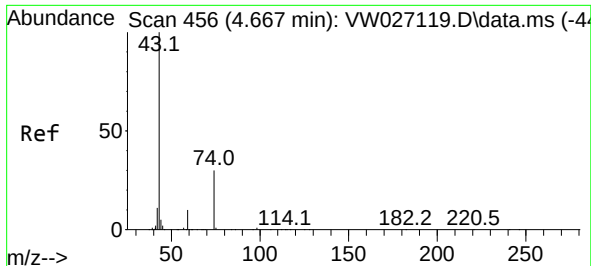
Tgt Ion: 43 Resp: 69720
Ion Ratio Lower Upper
43 100
58 36.0 0.0 77.4



#14
Carbon disulfide
Concen: 24.588 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion: 76 Resp: 642052
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

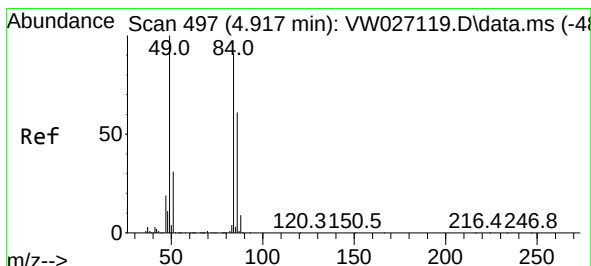
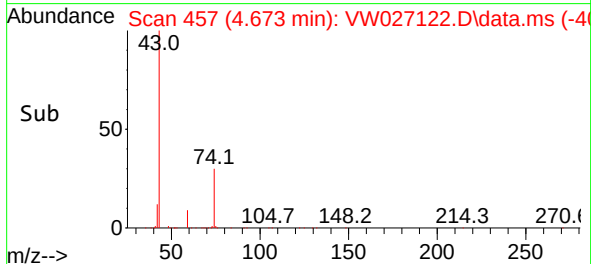
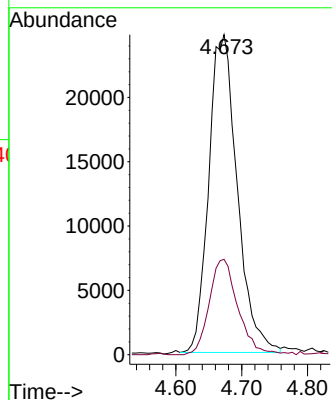
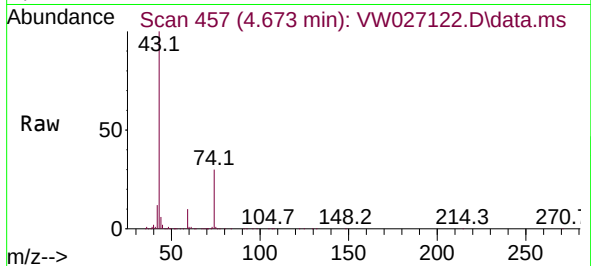




#15
Methyl Acetate
Concen: 24.955 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

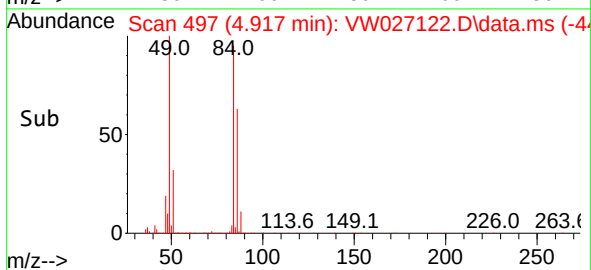
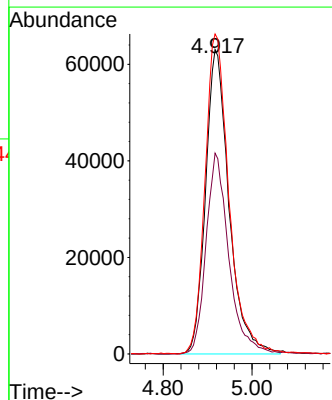
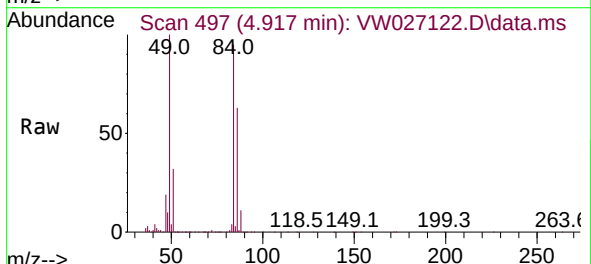
Instrument :
MSVOA_W
ClientSampleId :

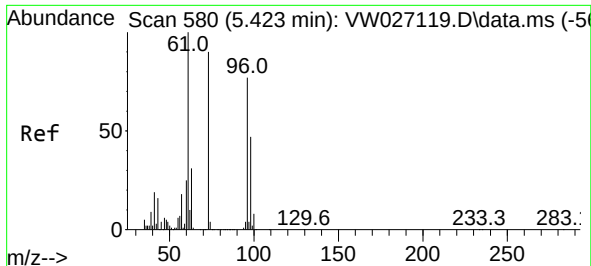
Tgt Ion: 43 Resp: 74425
Ion Ratio Lower Upper
43 100
74 30.2 23.2 34.8



#16
Methylene chloride
Concen: 22.683 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

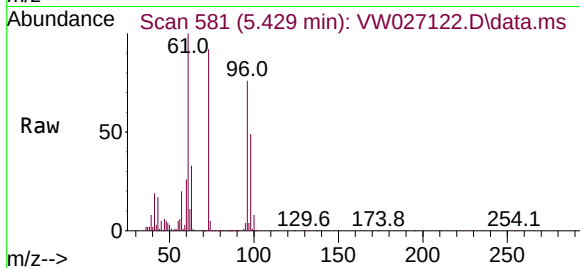
Tgt Ion: 84 Resp: 231773
Ion Ratio Lower Upper
84 100
86 66.0 46.7 86.7
49 105.1 77.1 143.1



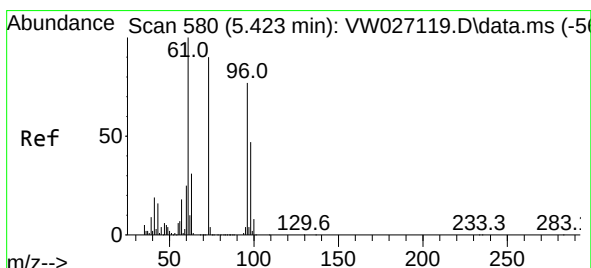
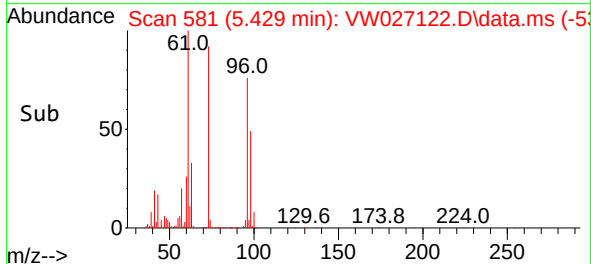
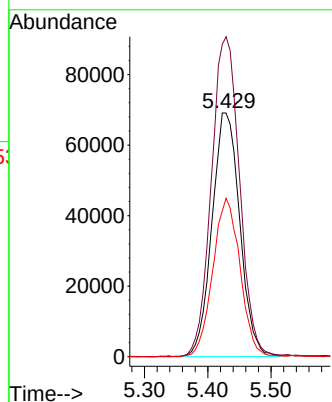


#17
trans-1,2-Dichloroethene
Concen: 24.788 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Instrument :
MSVOA_W
ClientSampleId :

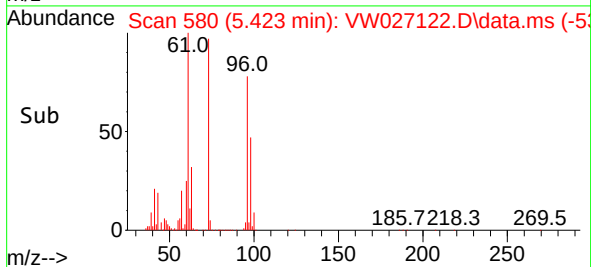
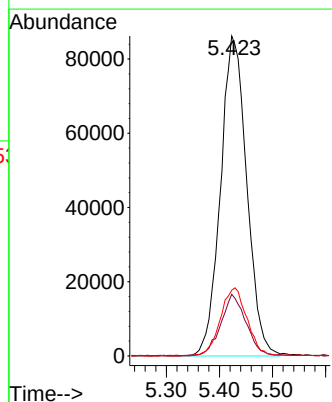
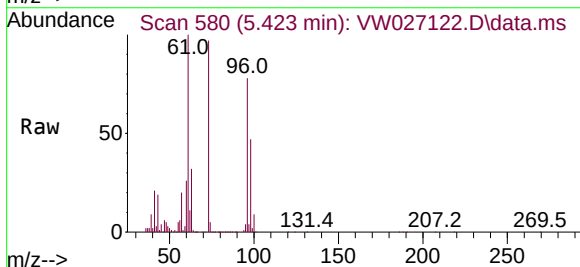


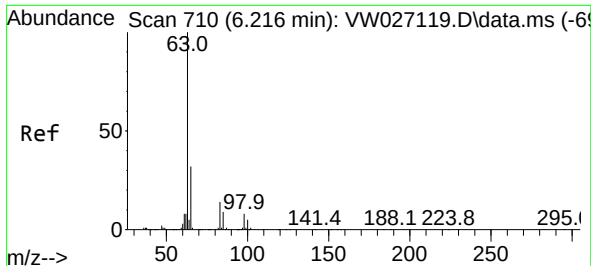
Tgt Ion: 96 Resp: 210699
Ion Ratio Lower Upper
96 100
61 131.3 91.2 169.4
98 65.0 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 26.196 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion: 73 Resp: 295857
Ion Ratio Lower Upper
73 100
43 18.3 15.2 22.8
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 24.701 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

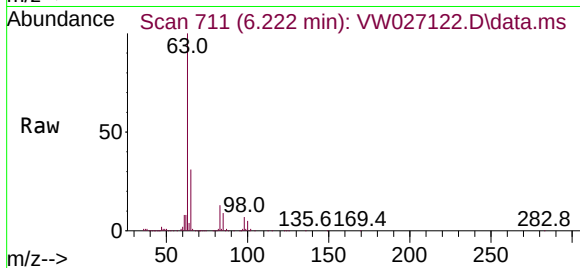
Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :



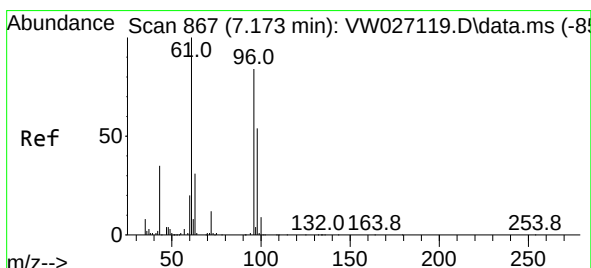
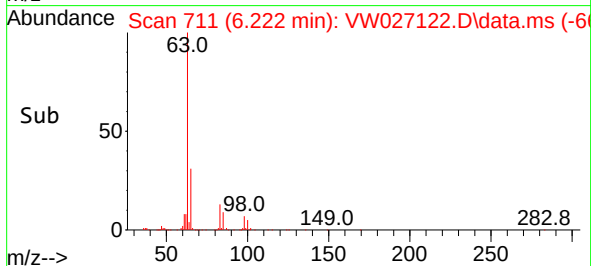
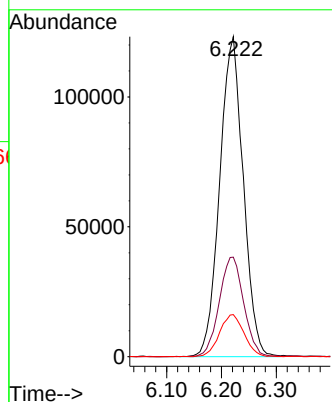
Tgt Ion: 63 Resp: 368190

Ion Ratio Lower Upper

63 100

65 31.1 22.6 42.0

83 13.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.567 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

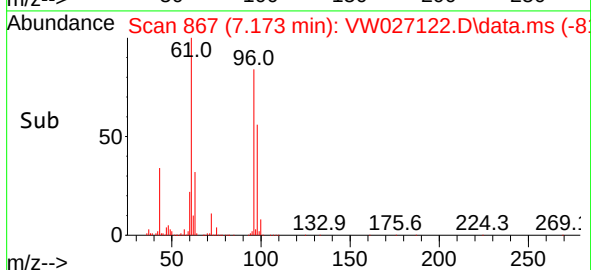
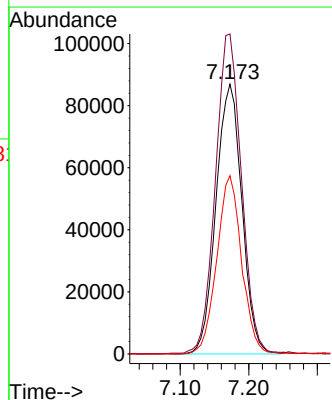
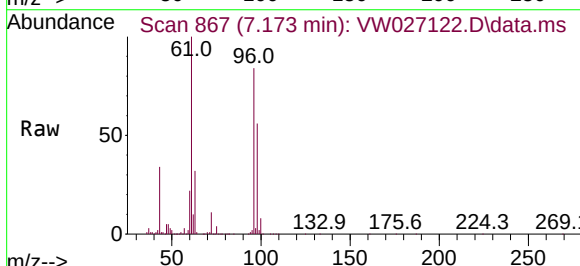
Tgt Ion: 96 Resp: 228567

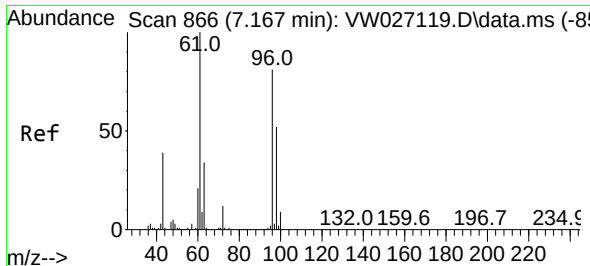
Ion Ratio Lower Upper

96 100

61 118.6 83.0 154.1

98 66.1 44.6 82.8

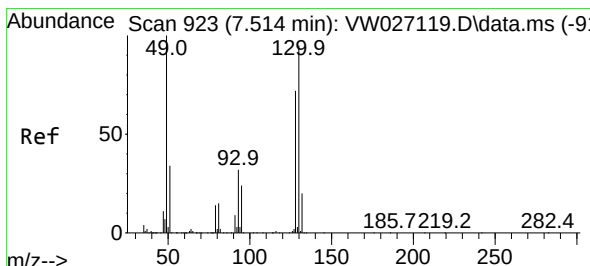
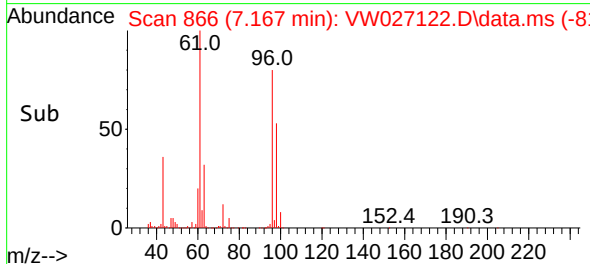
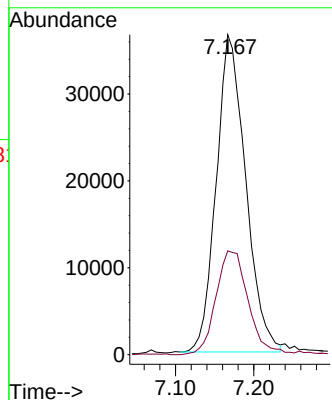
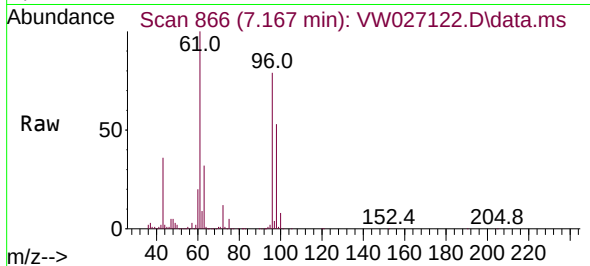




#22
2-Butanone
Concen: 46.744 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

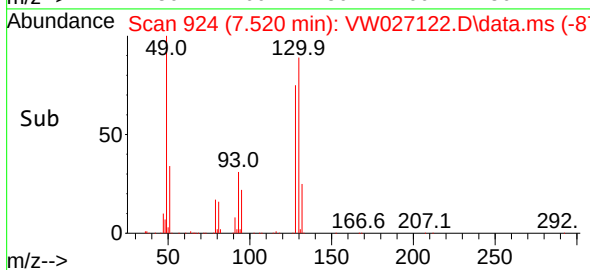
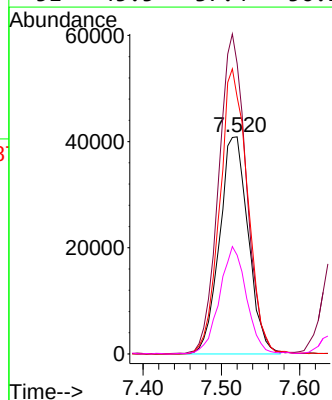
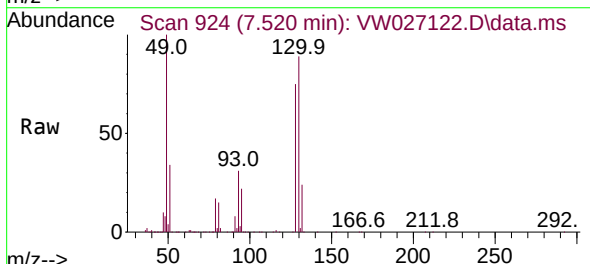
Instrument :
MSVOA_W
ClientSampleId :

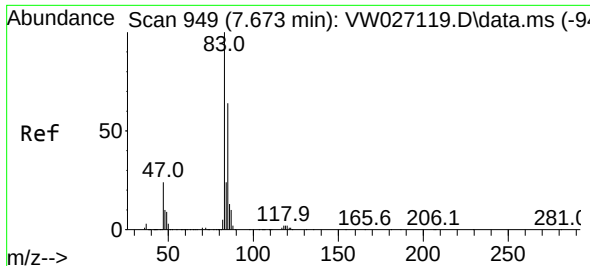
Tgt Ion: 43 Resp: 95452
Ion Ratio Lower Upper
43 100
72 35.7 16.8 50.4



#23
Bromochloromethane
Concen: 25.294 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion: 128 Resp: 104105
Ion Ratio Lower Upper
128 100
49 133.6 97.6 181.2
130 118.3 92.8 172.4
51 45.5 37.4 56.2

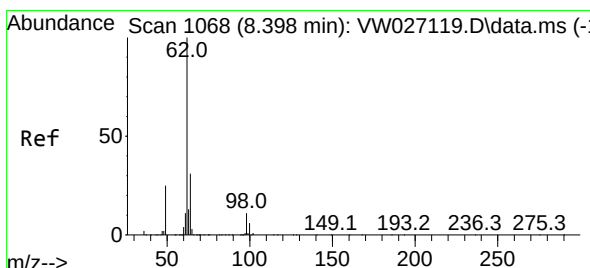
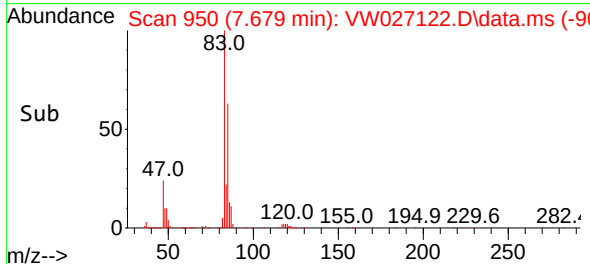
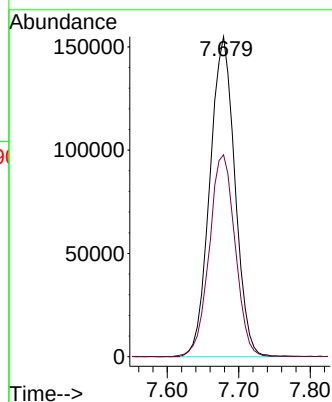
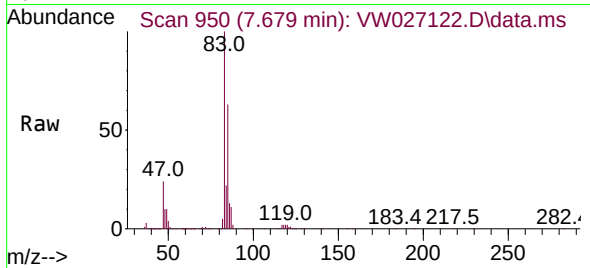




#25
Chloroform
Concen: 24.572 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

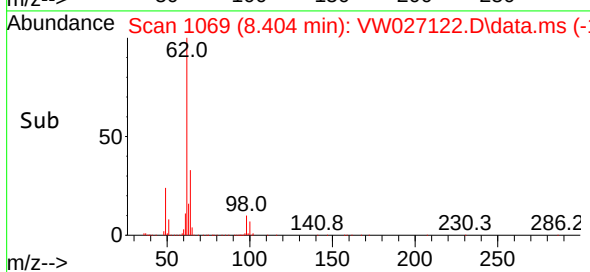
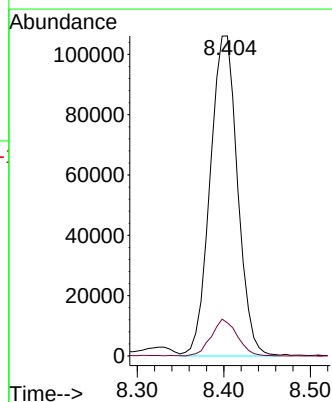
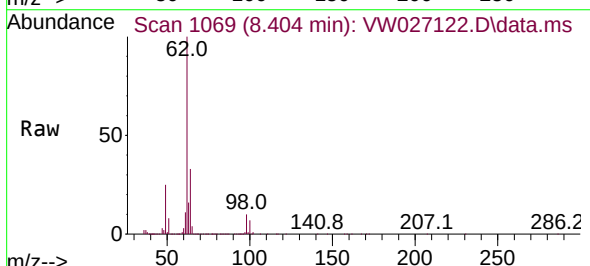
Instrument :
MSVOA_W
ClientSampleId :

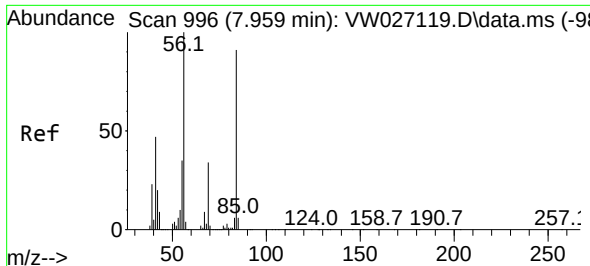
Tgt Ion: 83 Resp: 376153
Ion Ratio Lower Upper
83 100
85 63.1 44.9 83.5



#27
1,2-Dichloroethane
Concen: 25.206 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

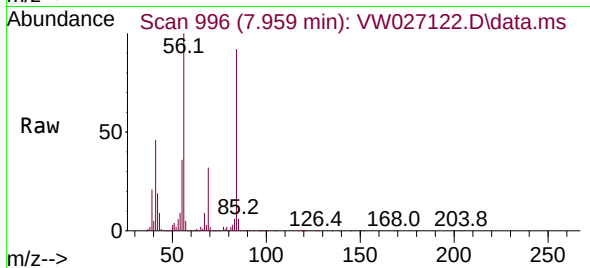
Tgt Ion: 62 Resp: 233825
Ion Ratio Lower Upper
62 100
98 10.3 8.4 12.6



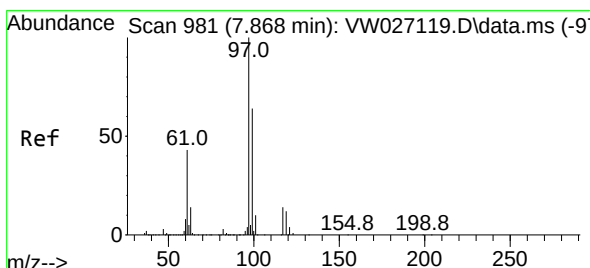
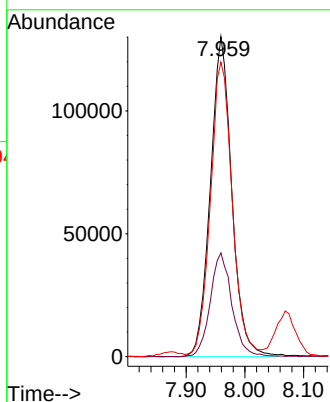
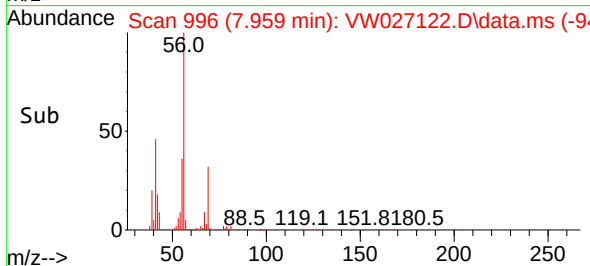


#29
Cyclohexane
Concen: 27.352 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Instrument :
MSVOA_W
ClientSampleId :

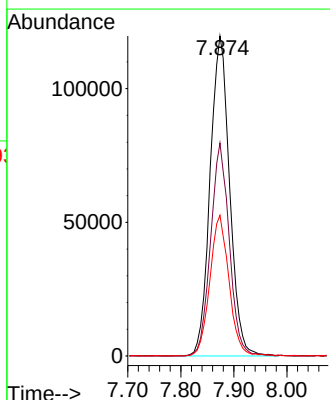
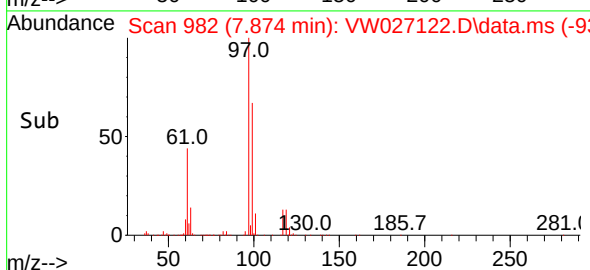
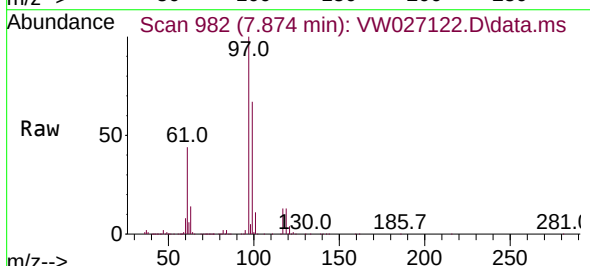


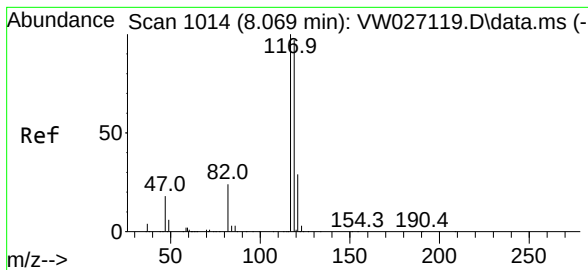
Tgt Ion: 56 Resp: 329635
Ion Ratio Lower Upper
56 100
69 32.9 26.5 39.7
84 93.9 74.4 111.6



#30
1,1,1-Trichloroethane
Concen: 25.697 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion: 97 Resp: 305773
Ion Ratio Lower Upper
97 100
99 63.4 50.6 75.8
61 42.9 34.1 51.1

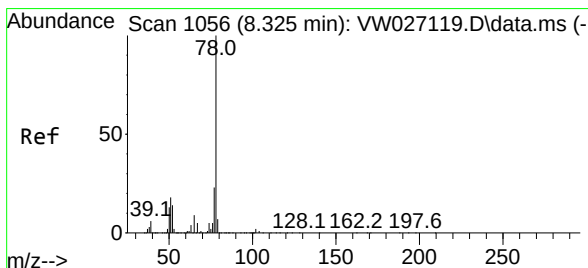
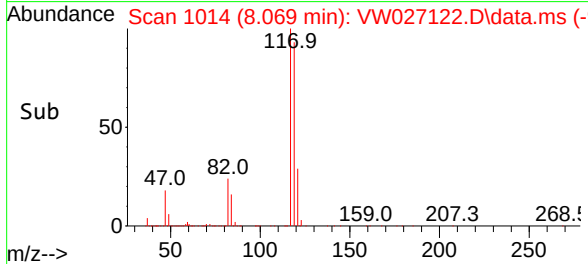
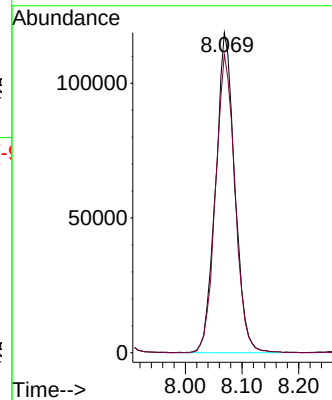
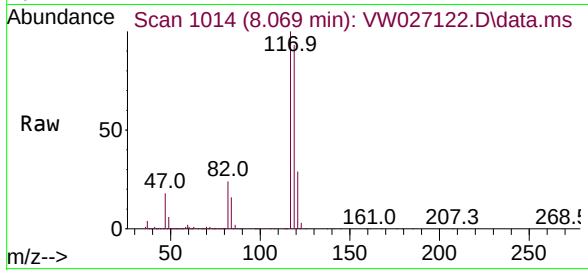




#31
Carbon tetrachloride
Concen: 26.424 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

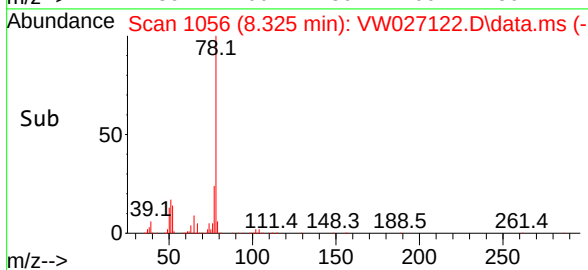
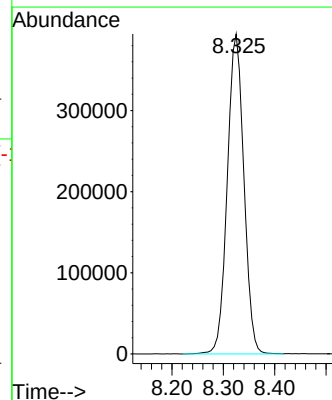
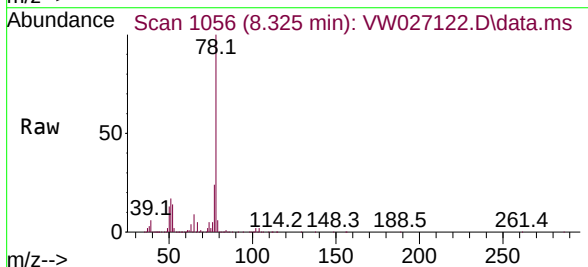
Instrument :
MSVOA_W
ClientSampleId :

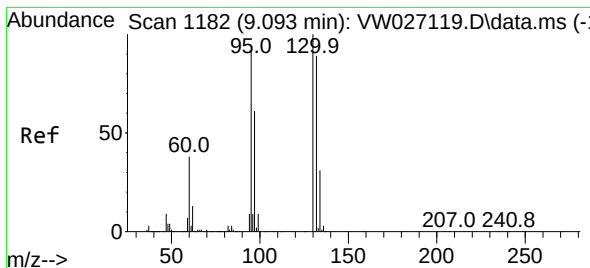
Tgt Ion:117 Resp: 278638
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0



#33
Benzene
Concen: 26.573 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion: 78 Resp: 883685





#34

Trichloroethene

Concen: 25.278 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 222152

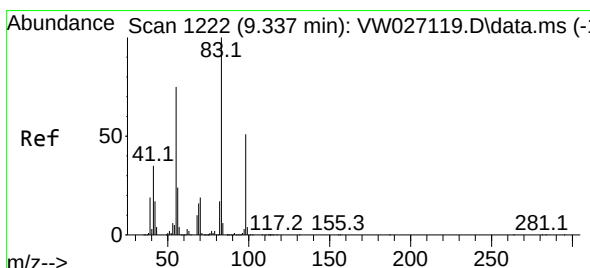
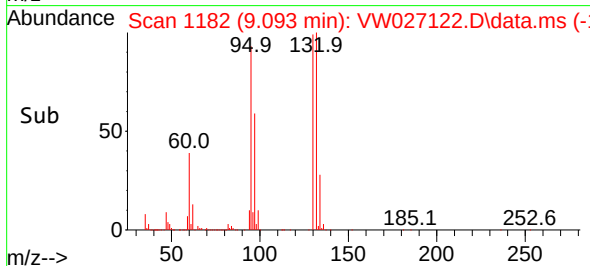
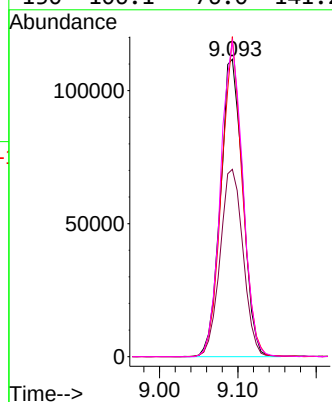
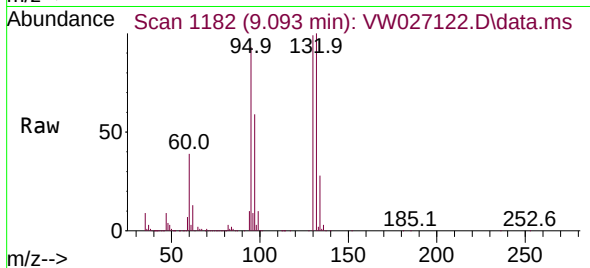
Ion Ratio Lower Upper

95 100

97 63.0 46.1 85.7

132 107.6 67.9 126.1

130 106.1 76.0 141.2



#35

Methylcyclohexane

Concen: 26.912 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

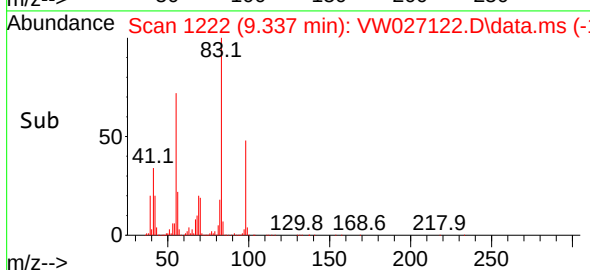
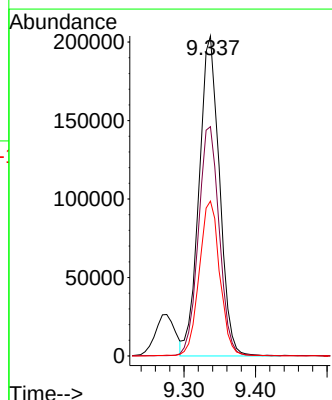
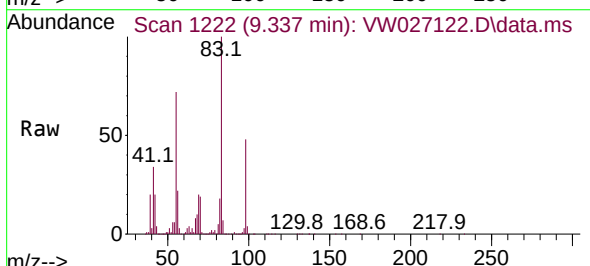
Tgt Ion: 83 Resp: 403437

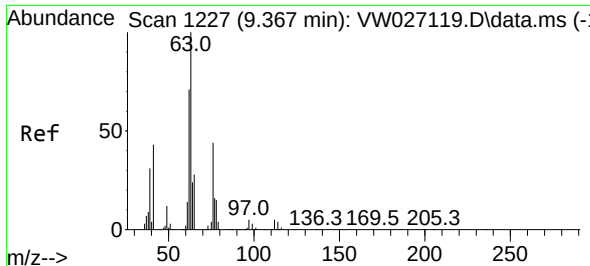
Ion Ratio Lower Upper

83 100

55 73.3 58.0 87.0

98 48.8 38.5 57.7





#37

1,2-Dichloropropane

Concen: 25.849 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

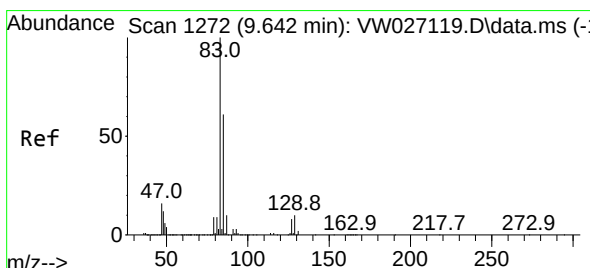
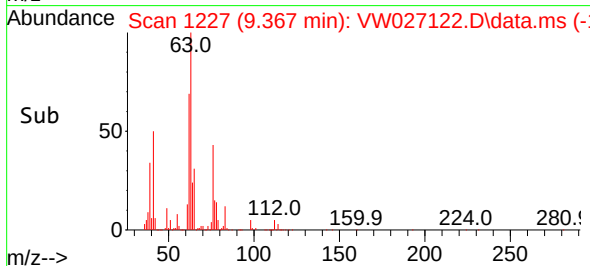
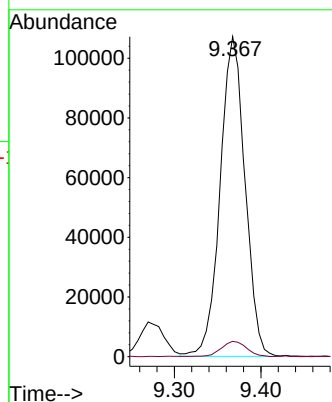
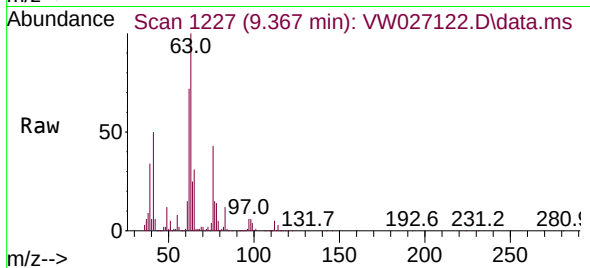
ClientSampleId :

Tgt Ion: 63 Resp: 213475

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 26.155 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

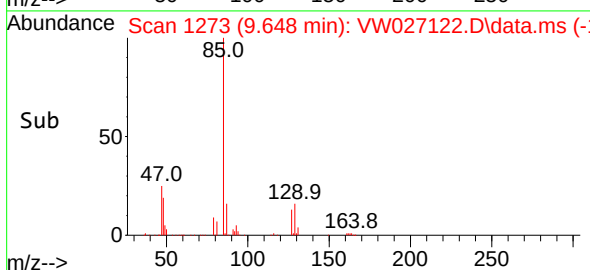
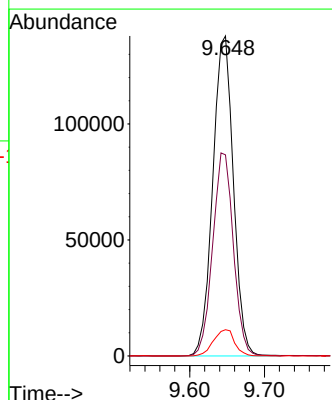
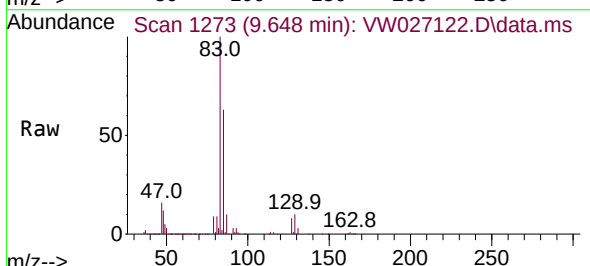
Tgt Ion: 83 Resp: 264153

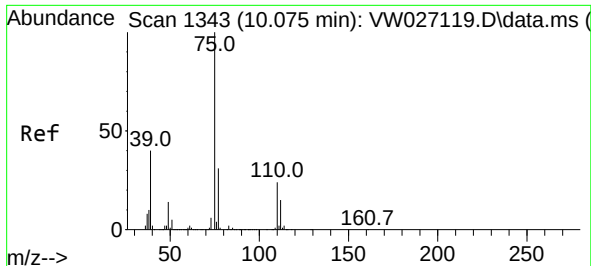
Ion Ratio Lower Upper

83 100

85 62.9 42.8 79.4

127 8.2 6.3 9.5

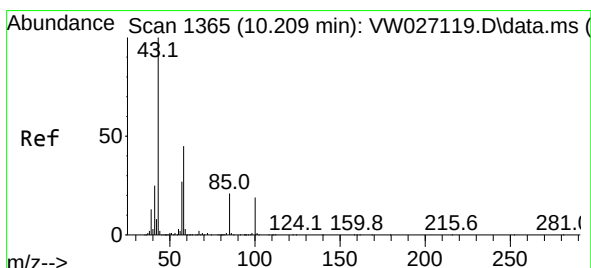
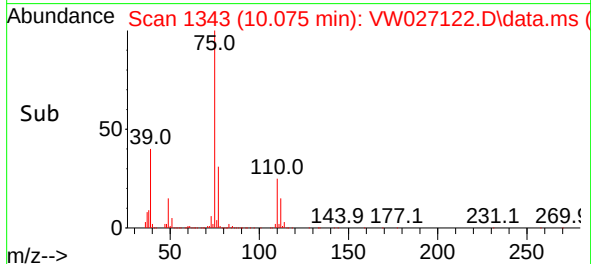
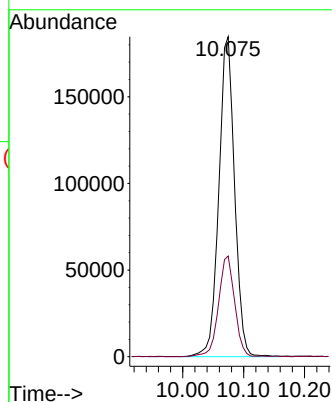
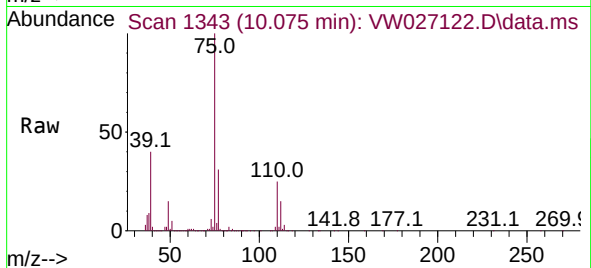




#39
 cis-1,3-Dichloropropene
 Concen: 26.857 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW027122.D
 Acq: 18 Sep 2023 12:41

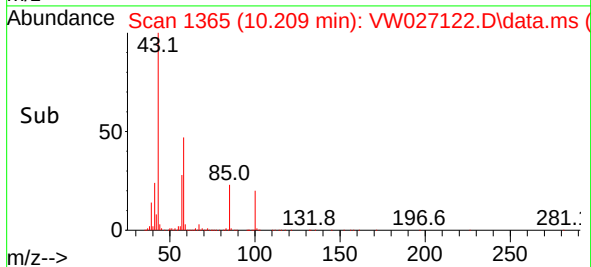
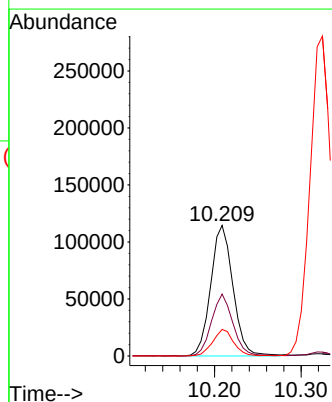
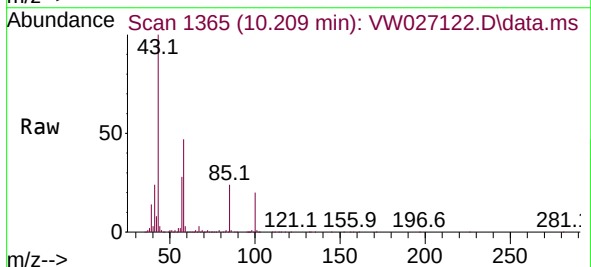
Instrument :
 MSVOA_W
 ClientSampleId :

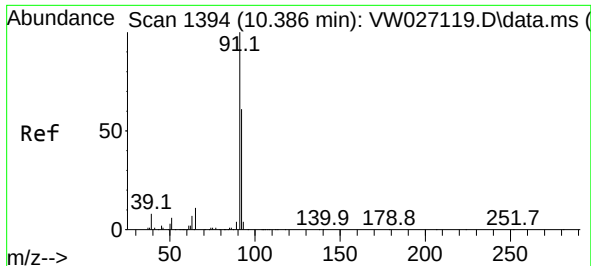
Tgt Ion: 75 Resp: 332239
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 55.175 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027122.D
 Acq: 18 Sep 2023 12:41

Tgt Ion: 43 Resp: 204356
 Ion Ratio Lower Upper
 43 100
 58 45.8 35.4 53.2
 100 19.2 15.2 22.8





#42

Toluene

Concen: 27.480 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

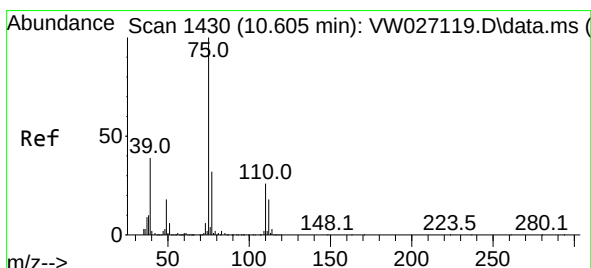
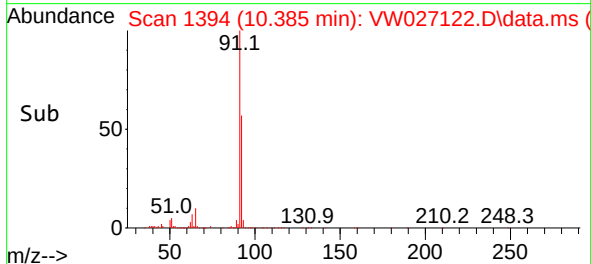
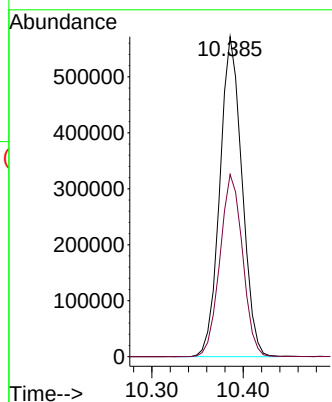
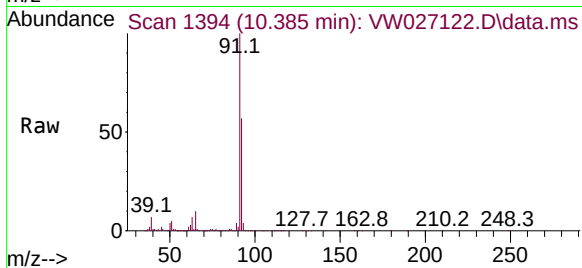
ClientSampleId :

Tgt Ion: 91 Resp: 965631

Ion Ratio Lower Upper

91 100

92 57.0 42.7 79.3



#44

trans-1,3-Dichloropropene

Concen: 26.758 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027122.D

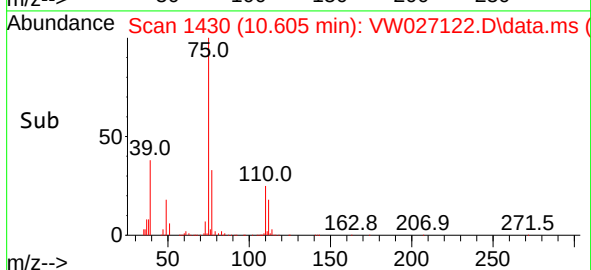
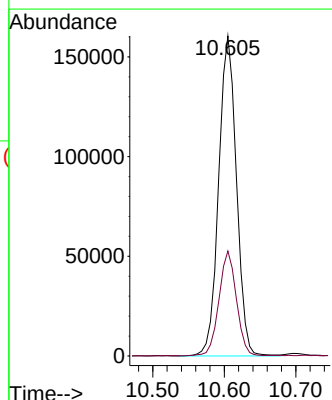
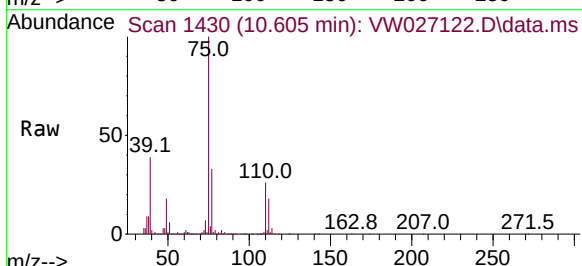
Acq: 18 Sep 2023 12:41

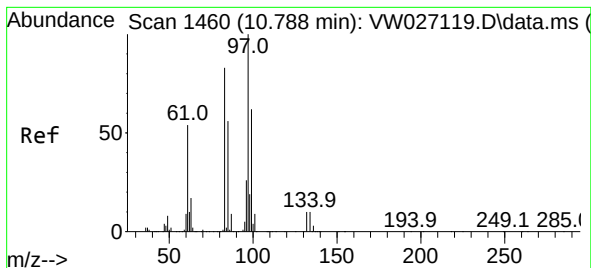
Tgt Ion: 75 Resp: 277797

Ion Ratio Lower Upper

75 100

77 32.8 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 26.252 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 166816

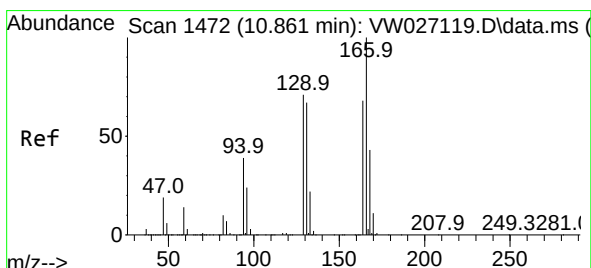
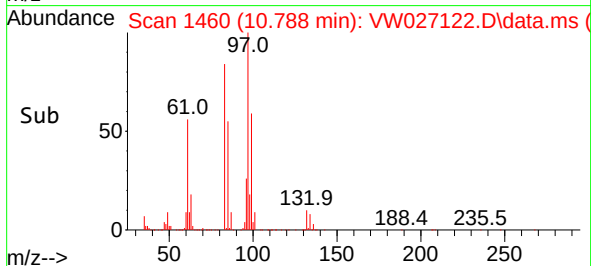
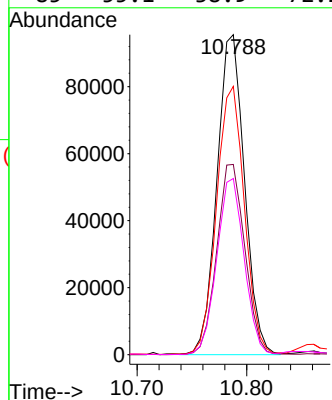
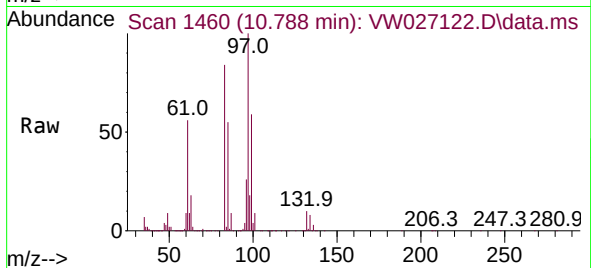
Ion Ratio Lower Upper

97 100

99 59.4 43.3 80.5

83 83.9 58.0 107.8

85 55.1 38.9 72.2



#46

Tetrachloroethene

Concen: 26.366 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Tgt Ion:164 Resp: 195305

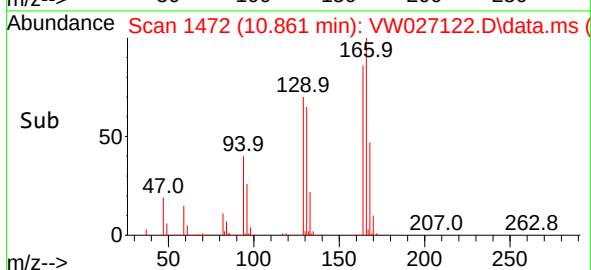
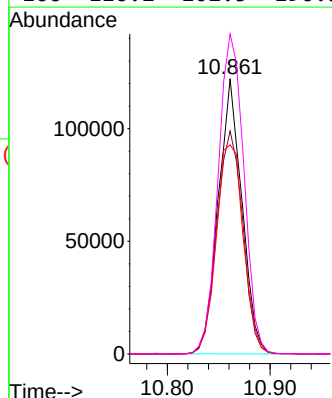
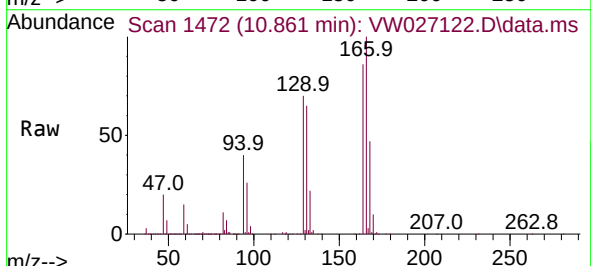
Ion Ratio Lower Upper

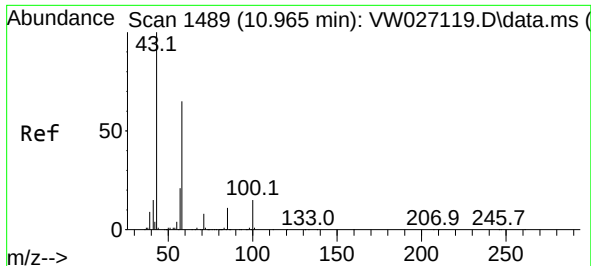
164 100

129 81.0 72.9 135.3

131 76.0 68.7 127.7

166 116.2 102.5 190.3

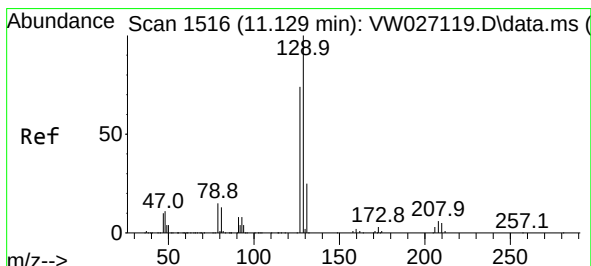
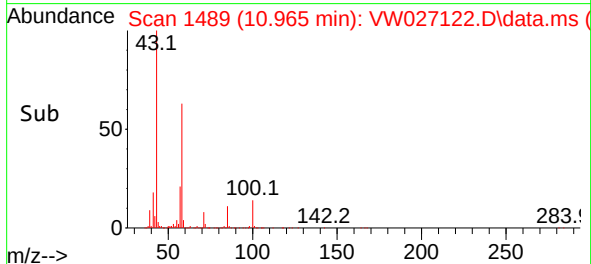
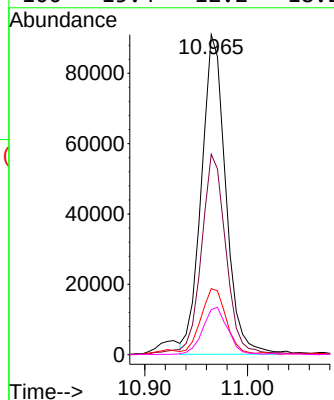
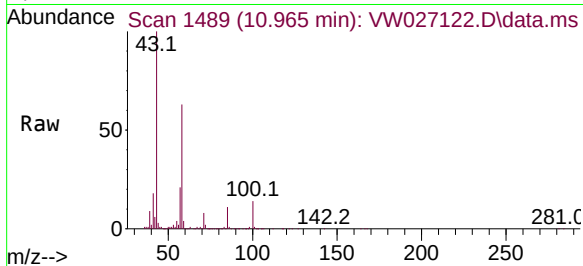




#48
2-Hexanone
Concen: 56.017 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

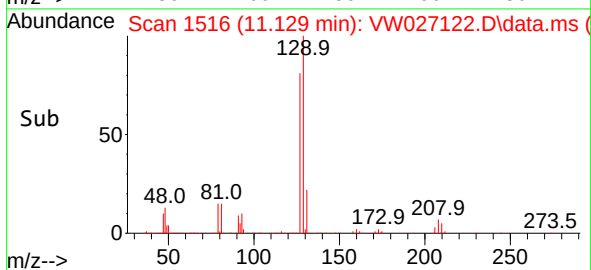
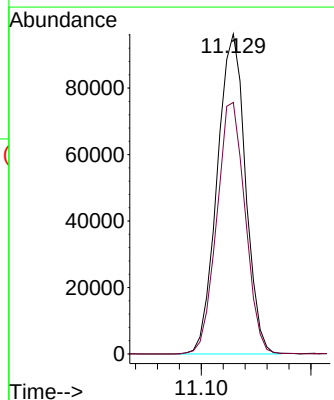
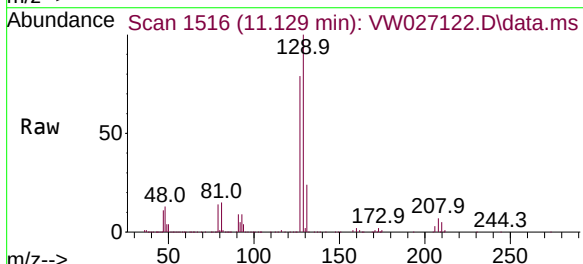
Instrument :
MSVOA_W
ClientSampleId :

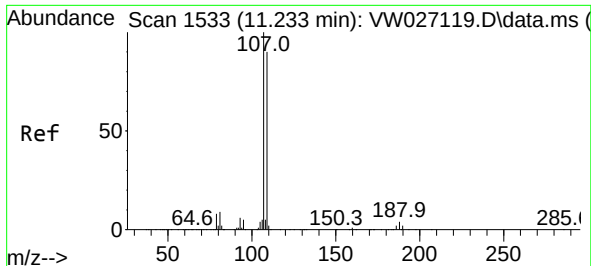
Tgt Ion: 43	Resp: 149622
Ion Ratio	Lower Upper
43 100	
58 64.4	51.4 77.0
57 21.7	17.2 25.8
100 15.4	12.2 18.2



#49
Dibromochloromethane
Concen: 25.986 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion:129	Resp: 172809		
Ion Ratio	Lower	Upper	
129 100			
127 78.6	51.9	96.5	





#50

1,2-Dibromoethane

Concen: 26.519 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

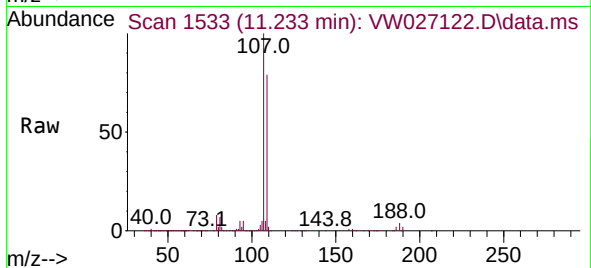
Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :



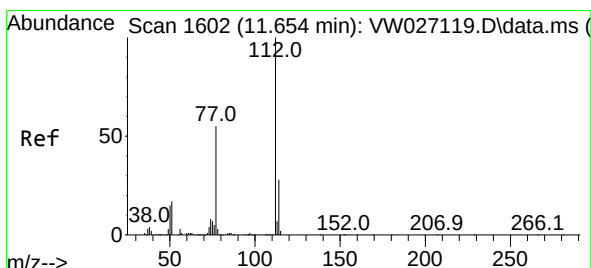
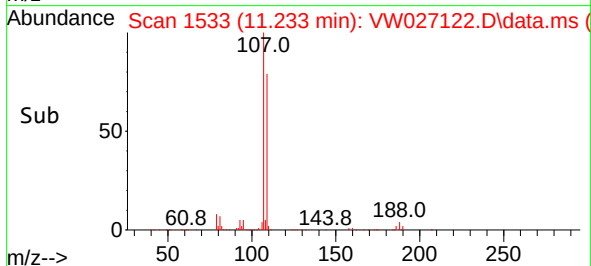
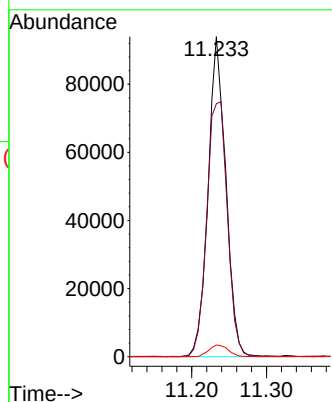
Tgt Ion:107 Resp: 154650

Ion Ratio Lower Upper

107 100

109 79.1 63.3 117.5

188 3.6 3.1 4.7



#51

Chlorobenzene

Concen: 26.074 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

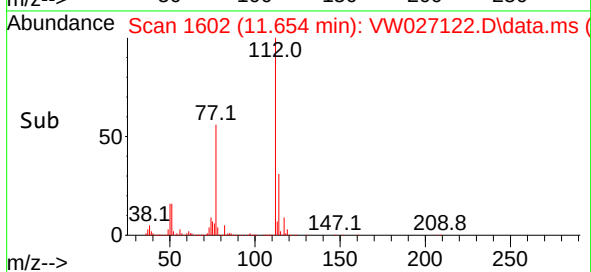
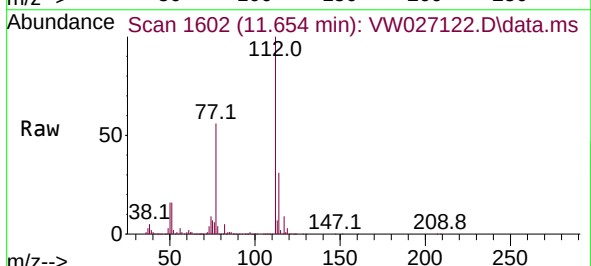
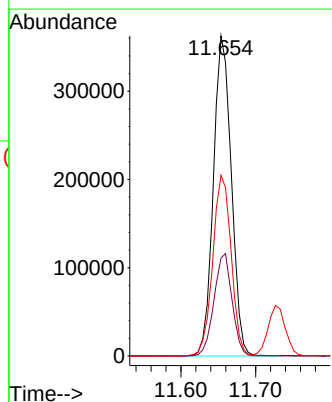
Tgt Ion:112 Resp: 604663

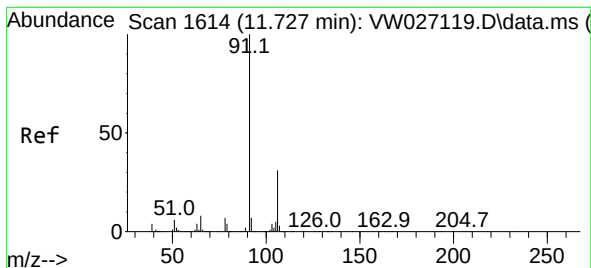
Ion Ratio Lower Upper

112 100

114 30.6 19.7 36.7

77 56.5 44.5 66.7

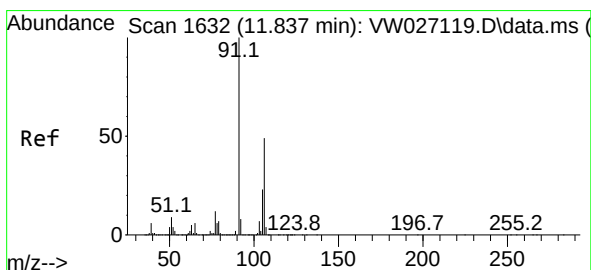
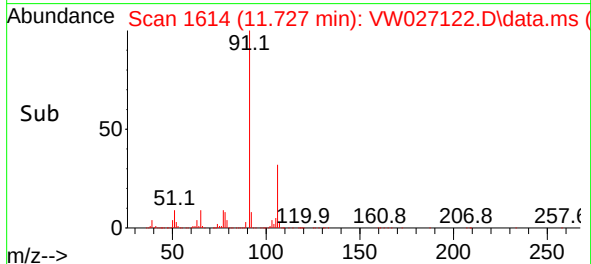
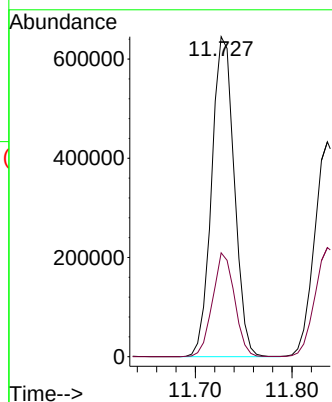
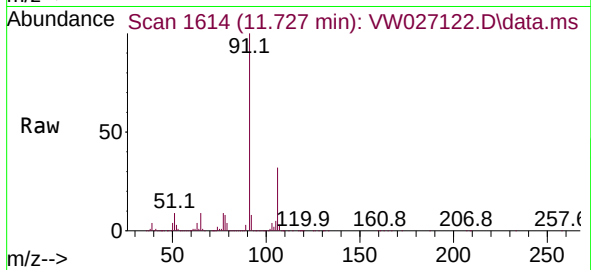




#52
Ethylbenzene
Concen: 27.194 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

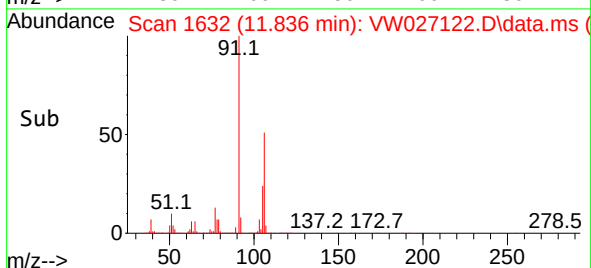
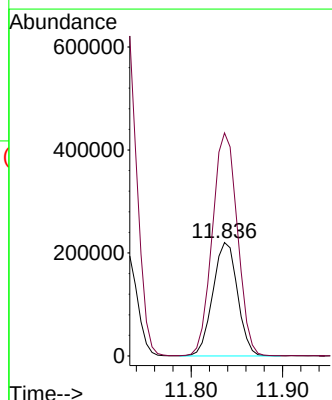
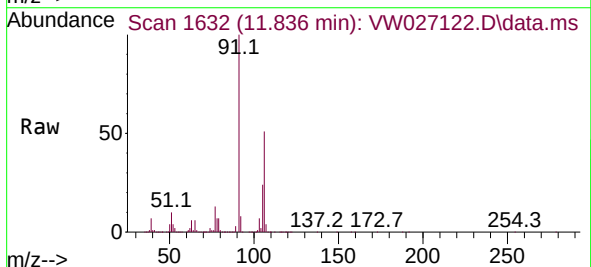
Instrument :
MSVOA_W
ClientSampleId :

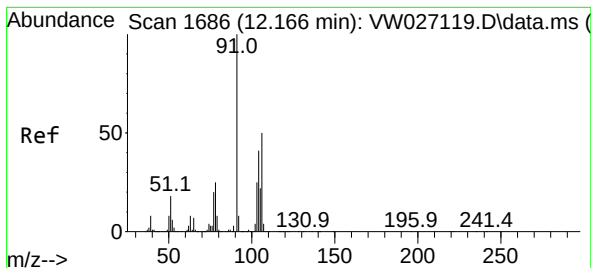
Tgt Ion: 91 Resp: 1048052
Ion Ratio Lower Upper
91 100
106 32.4 21.8 40.4



#53
m,p-Xylene
Concen: 27.937 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion:106 Resp: 412916
Ion Ratio Lower Upper
106 100
91 196.8 142.7 265.1

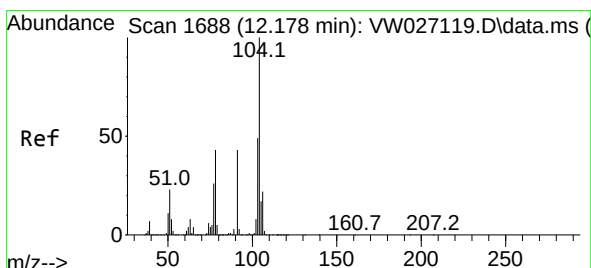
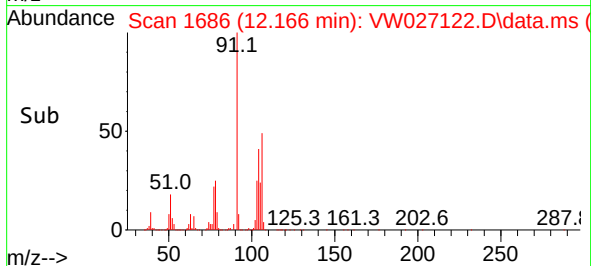
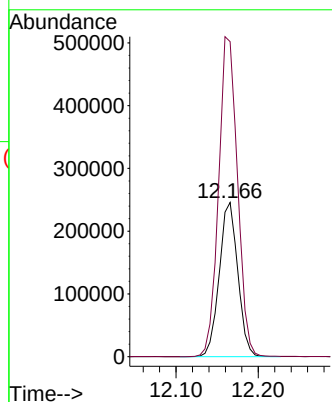
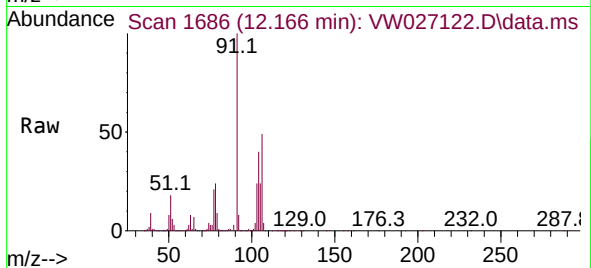




#54
o-Xylene
Concen: 27.370 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

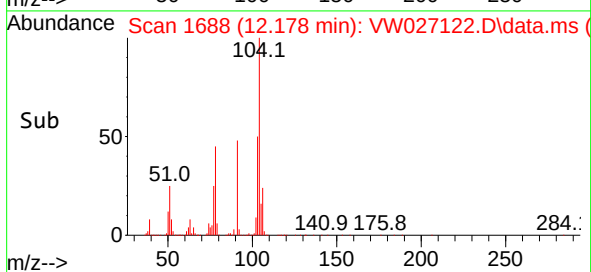
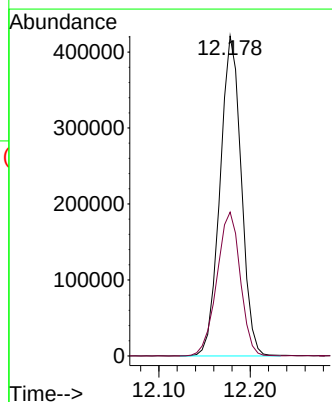
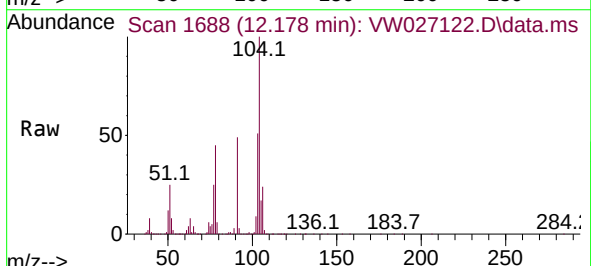
Instrument :
MSVOA_W
ClientSampleId :

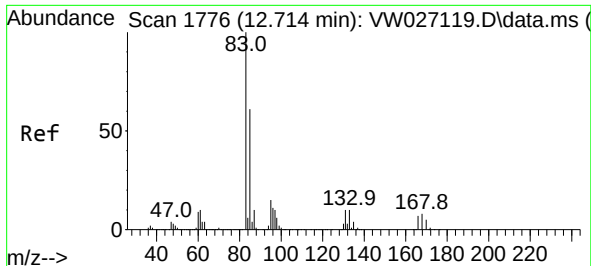
Tgt Ion:106 Resp: 385375
Ion Ratio Lower Upper
106 100
91 204.3 140.6 261.0



#55
Styrene
Concen: 28.213 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion:104 Resp: 680667
Ion Ratio Lower Upper
104 100
78 44.9 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.214 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

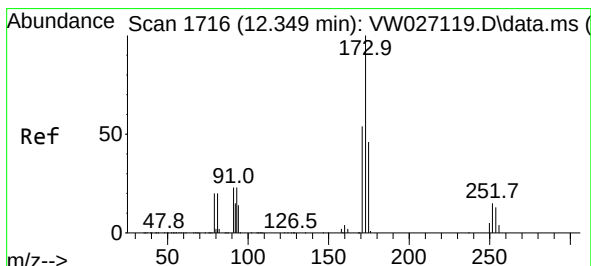
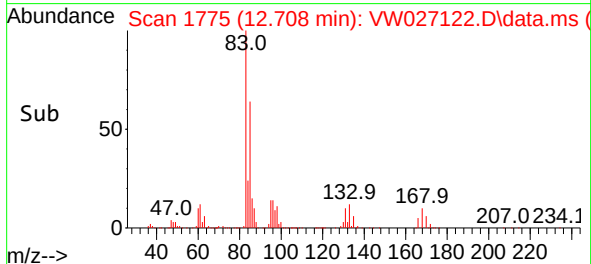
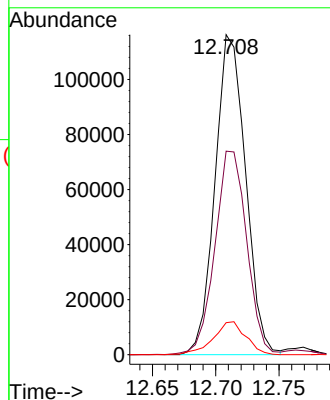
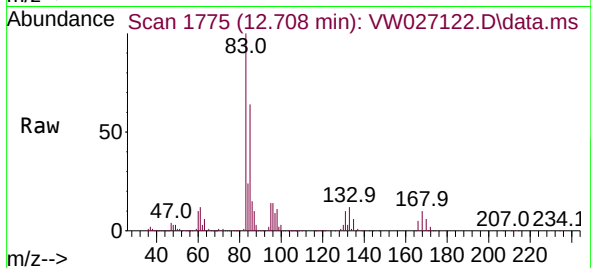
Tgt Ion: 83 Resp: 195168

Ion Ratio Lower Upper

83 100

85 63.6 42.5 78.9

131 10.0 7.8 11.8



#59

Bromoform

Concen: 26.197 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

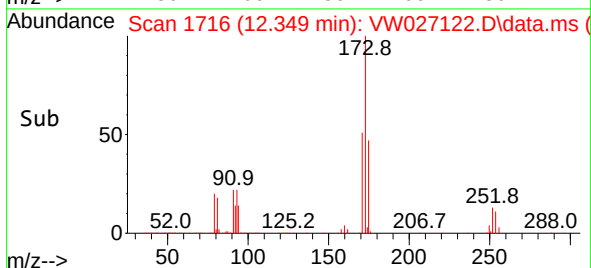
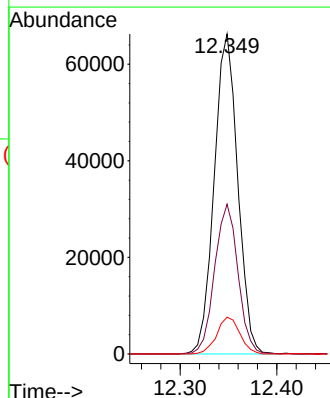
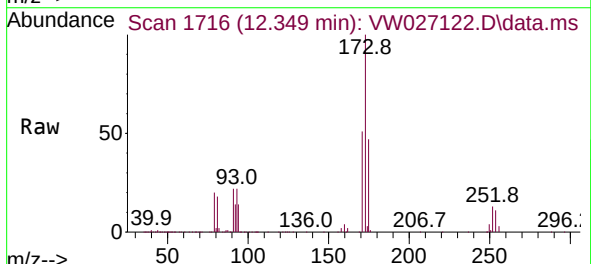
Tgt Ion:173 Resp: 111763

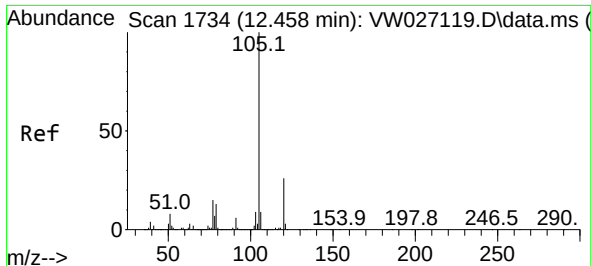
Ion Ratio Lower Upper

173 100

175 46.5 36.6 55.0

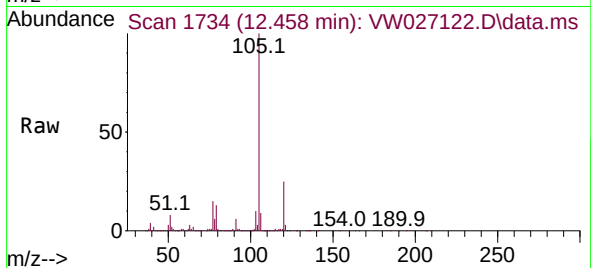
254 11.3 10.0 15.0



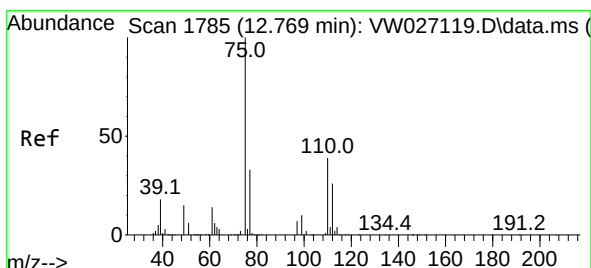
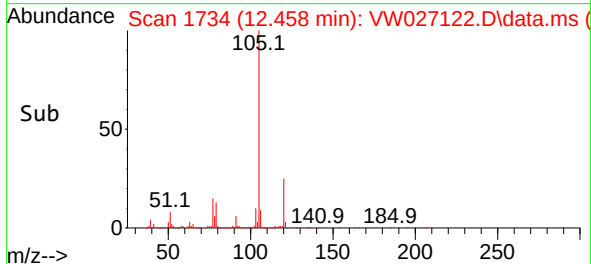
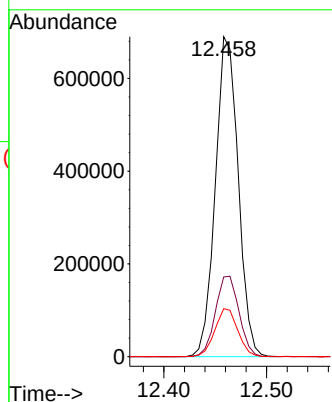


#60
Isopropylbenzene
Concen: 27.020 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Instrument :
MSVOA_W
ClientSampleId :

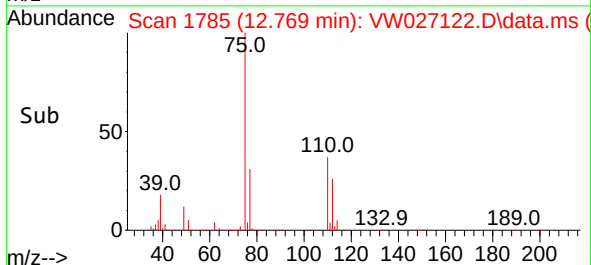
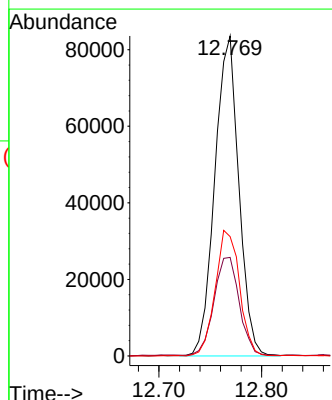
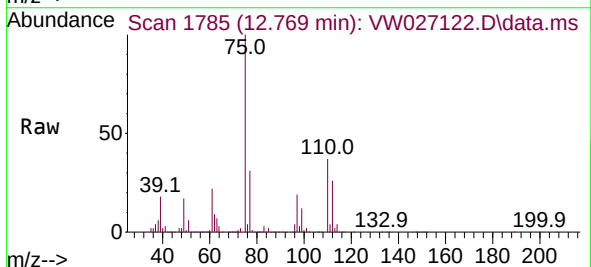


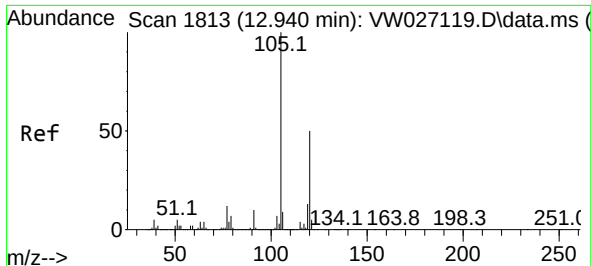
Tgt Ion:105 Resp: 1066078
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 24.662 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion: 75 Resp: 135447
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0
110 39.6 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 28.049 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

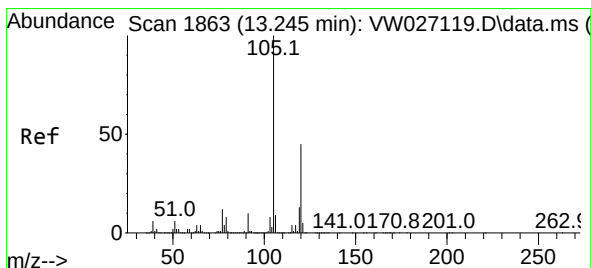
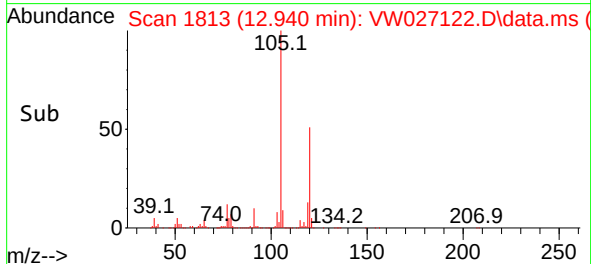
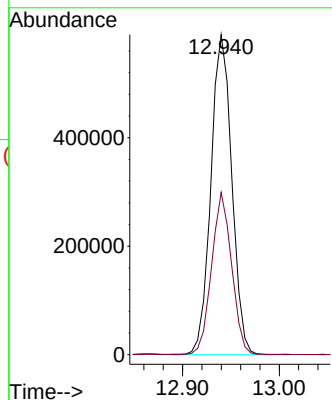
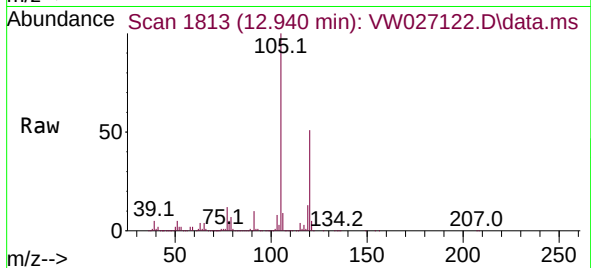
ClientSampleId :

Tgt Ion:105 Resp: 885625

Ion Ratio Lower Upper

105 100

120 48.5 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 27.695 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027122.D

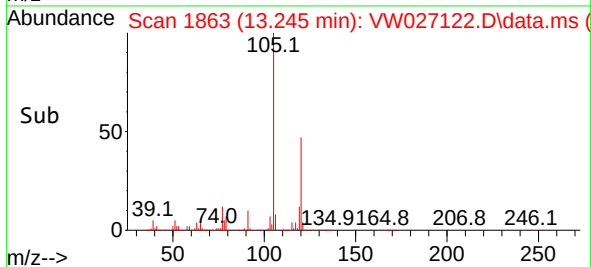
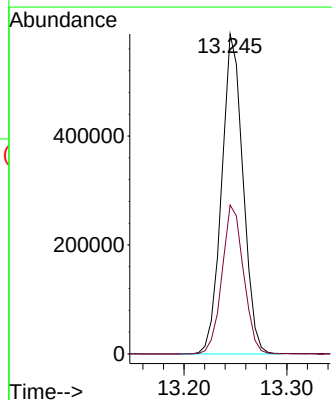
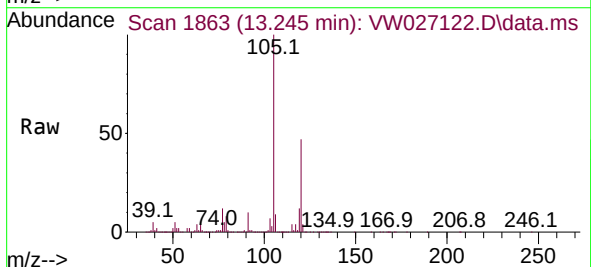
Acq: 18 Sep 2023 12:41

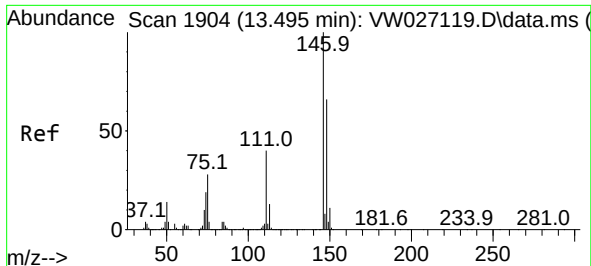
Tgt Ion:105 Resp: 847270

Ion Ratio Lower Upper

105 100

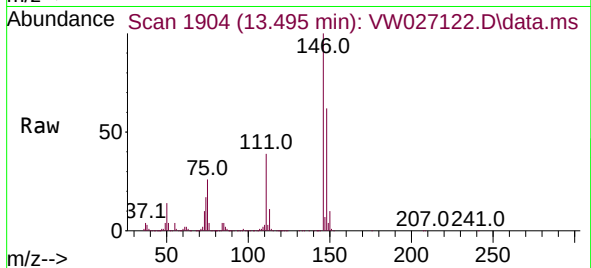
120 46.9 36.2 54.2



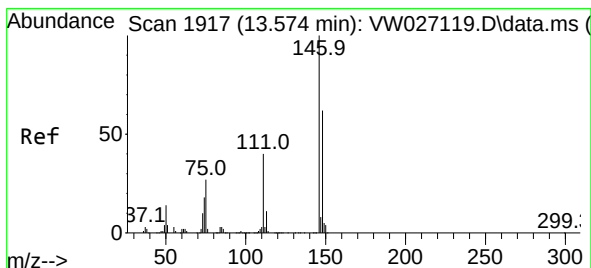
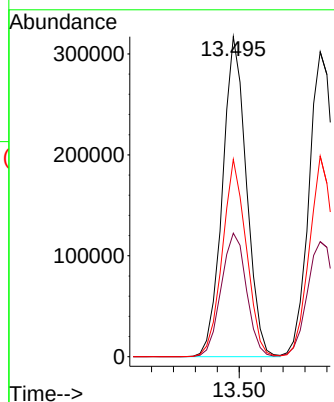
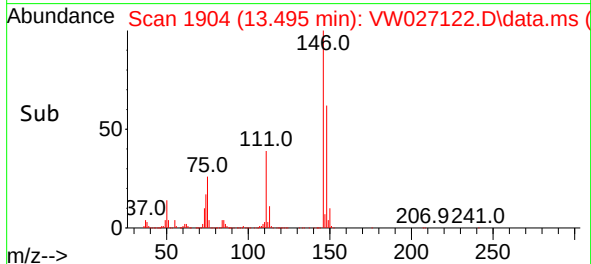


#64
1,3-Dichlorobenzene
Concen: 25.835 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

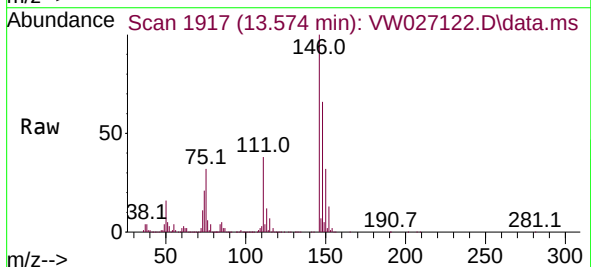
Instrument :
MSVOA_W
ClientSampleId :



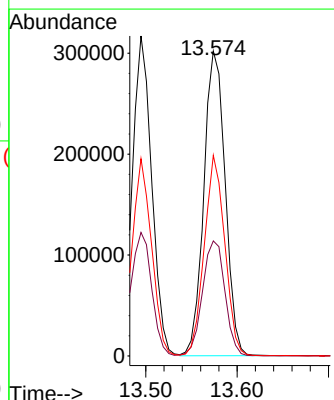
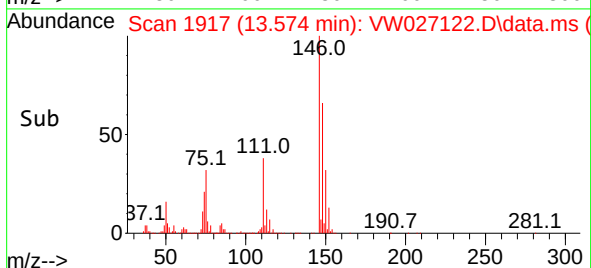
Tgt Ion:146 Resp: 482010
Ion Ratio Lower Upper
146 100
111 38.6 27.6 51.4
148 61.7 46.0 85.4

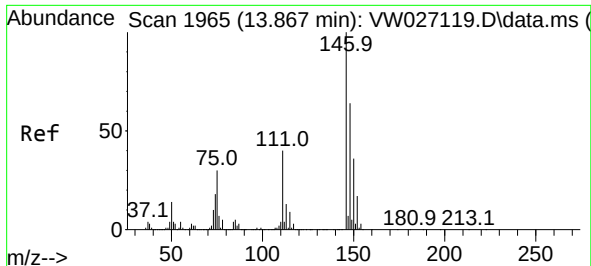


#65
1,4-Dichlorobenzene
Concen: 25.241 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41



Tgt Ion:146 Resp: 489453
Ion Ratio Lower Upper
146 100
111 37.7 28.1 52.1
148 65.8 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 25.037 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

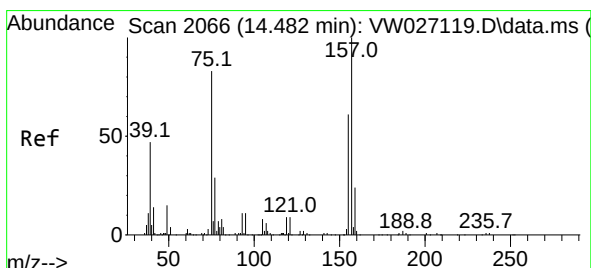
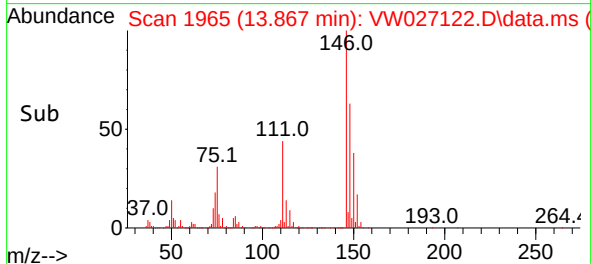
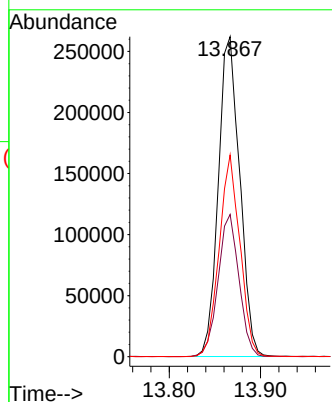
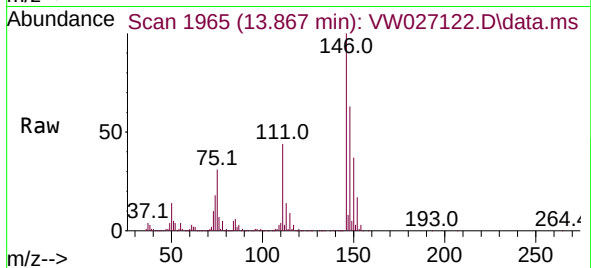
Tgt Ion:146 Resp: 426944

Ion Ratio Lower Upper

146 100

111 44.5 32.2 48.2

148 63.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.520 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

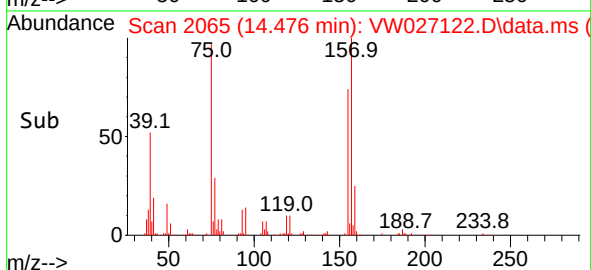
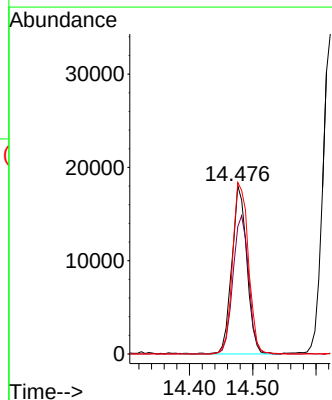
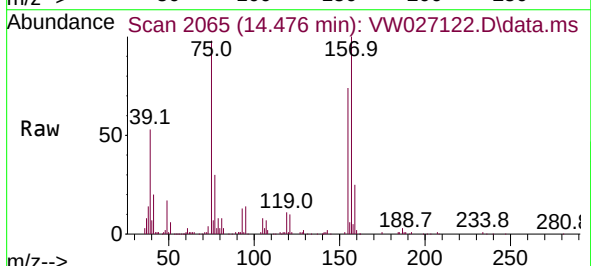
Tgt Ion: 75 Resp: 29823

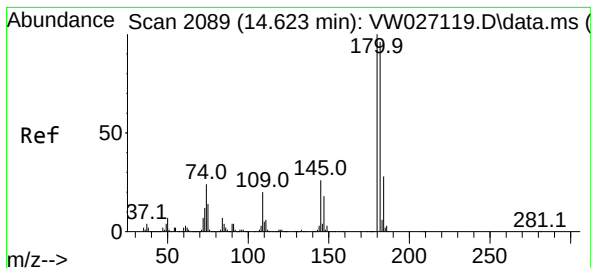
Ion Ratio Lower Upper

75 100

155 75.7 58.7 88.1

157 101.9 95.9 143.9





#69

1,3,5-Trichlorobenzene

Concen: 25.265 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

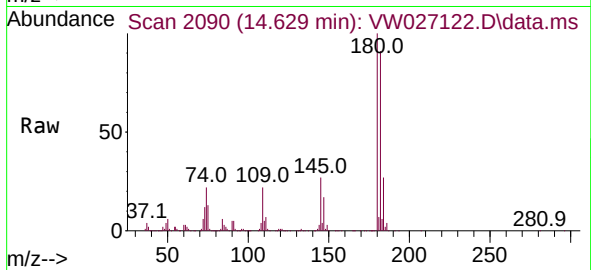
Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 339316

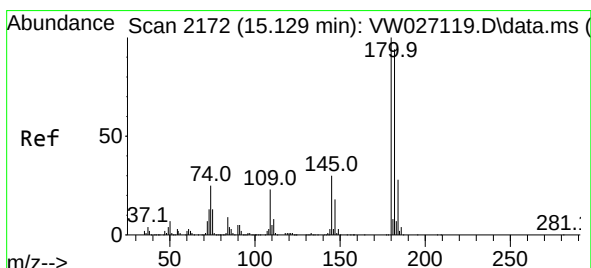
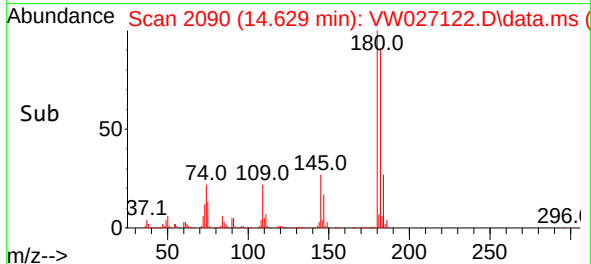
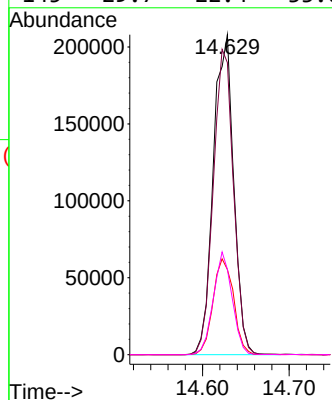
Ion Ratio Lower Upper

180 100

182 94.5 76.6 115.0

184 30.3 23.8 35.8

145 29.7 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 25.536 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027122.D

Acq: 18 Sep 2023 12:41

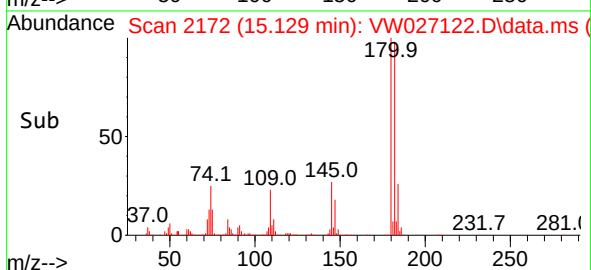
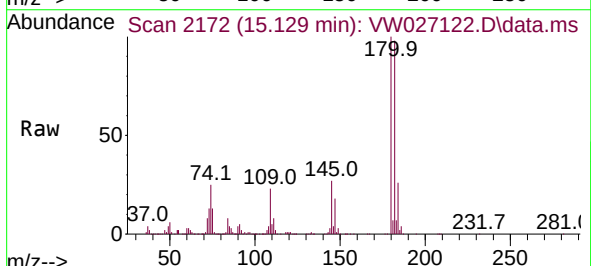
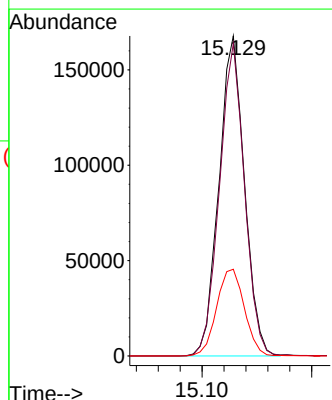
Tgt Ion:180 Resp: 271799

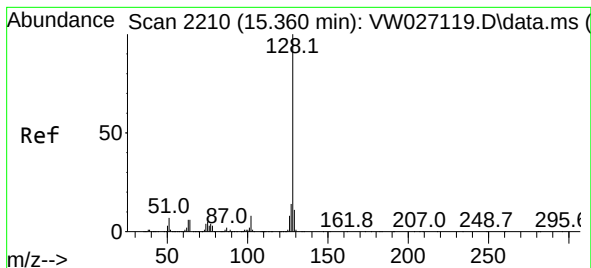
Ion Ratio Lower Upper

180 100

182 95.8 78.2 117.4

145 29.4 24.6 36.8

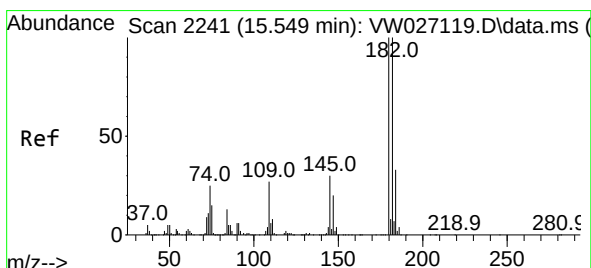
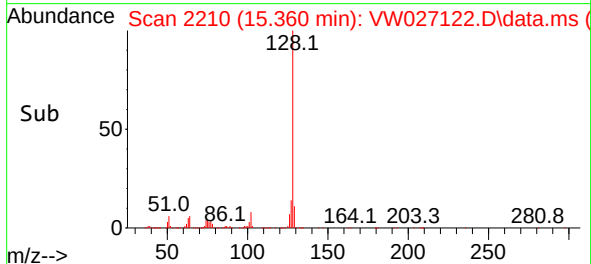
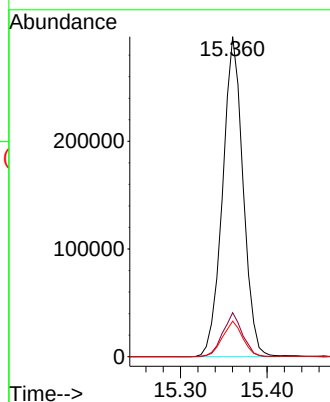
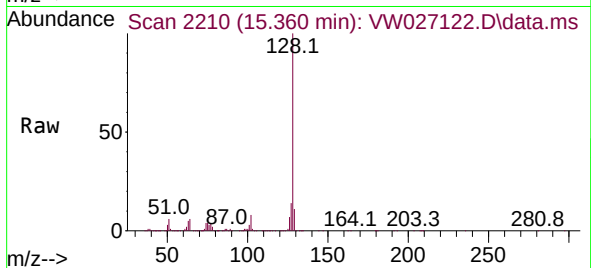




#71
Naphthalene
Concen: 27.575 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 488260
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 26.607 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027122.D
Acq: 18 Sep 2023 12:41

Tgt Ion:180 Resp: 255657
Ion Ratio Lower Upper
180 100
182 93.9 79.0 118.6
145 32.1 25.4 38.2

