

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027119.D
 Acq On : 18 Sep 2023 11:05
 Operator : SY/MD
 Sample : VSTD02536
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:11:09 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	521735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	506334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	302825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	191157	22.771	ug/L	0.00
7) Chloroethane-d5	2.893	69	150194	23.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	83789	23.281	ug/L	0.00
21) 2-Butanone-d5	7.075	46	77384	50.932	ug/L	0.00
24) Chloroform-d	7.648	84	375240	23.940	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	185877	24.303	ug/L	0.00
32) Benzene-d6	8.276	84	811792	24.826	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	225101	24.329	ug/L	0.00
41) Toluene-d8	10.325	98	732368	25.165	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	93208	24.929	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	62389	57.386	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	186714	25.185	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	254722	23.554	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	139642	22.972	ug/L	100
3) Chloromethane	2.222	50	155740	24.455	ug/L	100
5) Vinyl chloride	2.375	62	204842	23.639	ug/L	100
6) Bromomethane	2.783	94	143795	23.895	ug/L	100
8) Chloroethane	2.930	64	123979	24.535	ug/L	100
9) Trichlorofluoromethane	3.265	101	169702	25.219	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	188234	24.277	ug/L	100
12) 1,1-Dichloroethene	4.039	96	189479	24.902	ug/L	100
13) Acetone	4.118	43	72866	49.621	ug/L	100
14) Carbon disulfide	4.393	76	629958	24.835	ug/L	100
15) Methyl Acetate	4.667	43	74457	25.679	ug/L	100
16) Methylene chloride	4.917	84	220500	22.214	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	206518	25.013	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	282471	25.746	ug/L	100
19) 1,1-Dichloroethane	6.216	63	363314	25.091	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	218943	25.211	ug/L	100
22) 2-Butanone	7.167	43	99742	51.222	ug/L	100
23) Bromochloromethane	7.514	128	98574	24.654	ug/L	100
25) Chloroform	7.673	83	366590	24.651	ug/L	100
27) 1,2-Dichloroethane	8.398	62	227926	25.293	ug/L	100
29) Cyclohexane	7.959	56	322643	26.622	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	302235	25.257	ug/L	100
31) Carbon tetrachloride	8.069	117	268681	25.337	ug/L	100
33) Benzene	8.325	78	855810	25.590	ug/L	100
34) Trichloroethene	9.093	95	220187	24.914	ug/L	100
35) Methylcyclohexane	9.337	83	401510	26.634	ug/L	100
37) 1,2-Dichloropropane	9.367	63	210781	25.380	ug/L	100
38) Bromodichloromethane	9.642	83	255837	25.190	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	320085	25.730	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	201513	54.102	ug/L	100
42) Toluene	10.386	91	927230	26.239	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	267946	25.665	ug/L	100

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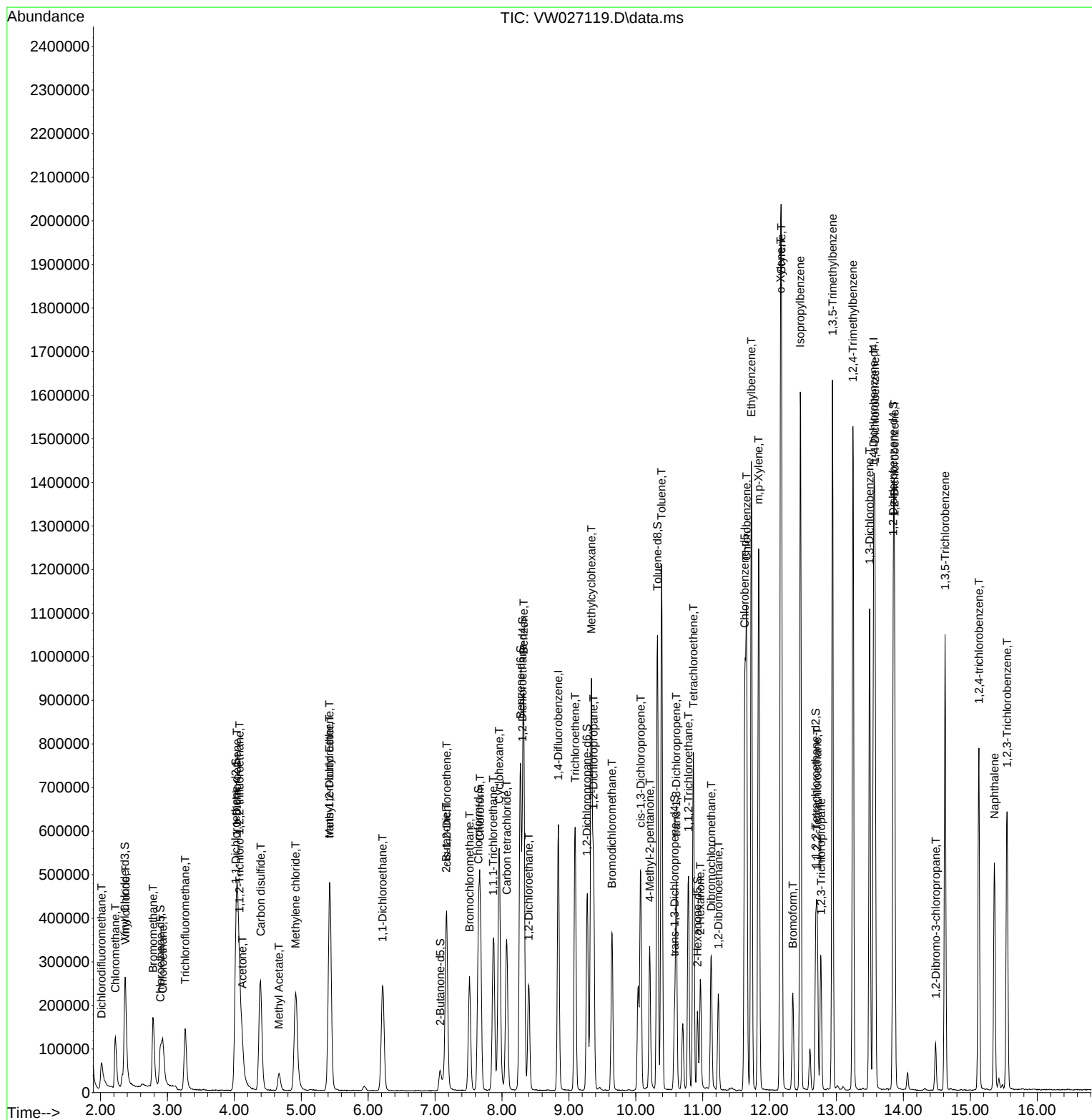
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	163950	25.656	ug/L	100
46) Tetrachloroethene	10.861	164	179471	24.093	ug/L	100
48) 2-Hexanone	10.965	43	149697	57.085	ug/L	100
49) Dibromochloromethane	11.129	129	169055	25.279	ug/L	100
50) 1,2-Dibromoethane	11.233	107	148132	25.259	ug/L	100
51) Chlorobenzene	11.654	112	587650	25.198	ug/L	100
52) Ethylbenzene	11.727	91	1024077	26.423	ug/L	100
53) m,p-Xylene	11.837	106	394691	26.555	ug/L	100
54) o-Xylene	12.166	106	384990	27.189	ug/L	100
55) Styrene	12.178	104	656954	27.077	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	194195	25.937	ug/L	100
59) Bromoform	12.349	173	109209	24.894	ug/L	100
60) Isopropylbenzene	12.458	105	1044739	25.751	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	135214	23.941	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	837237	25.786	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	828005	26.320	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	466171	24.298	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	475416	23.843	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	418462	23.864	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	28739	22.979	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	323993	23.460	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	253495	23.160	ug/L	100
71) Naphthalene	15.360	128	448301	24.621	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	225032	22.775	ug/L	100

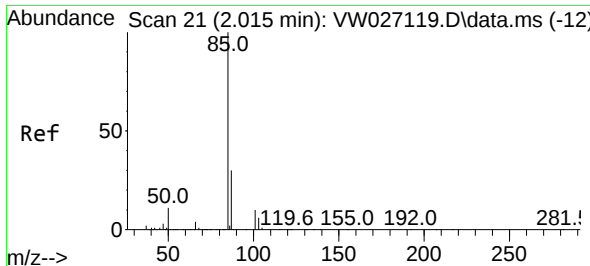
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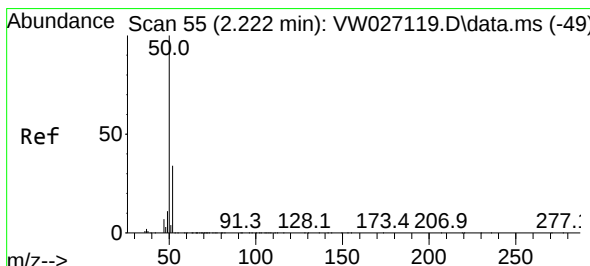
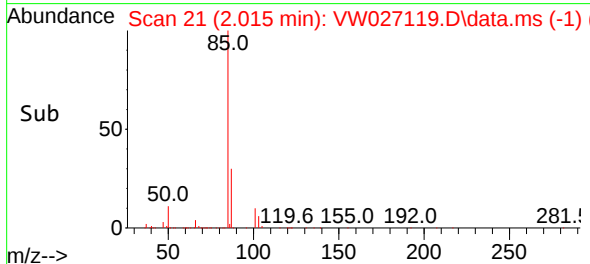
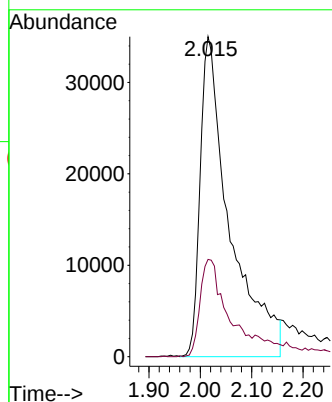
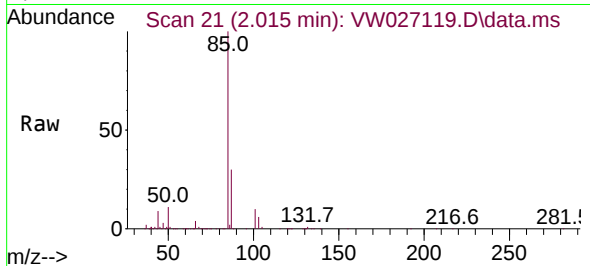




#2
Dichlorodifluoromethane
Concen: 22.972 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

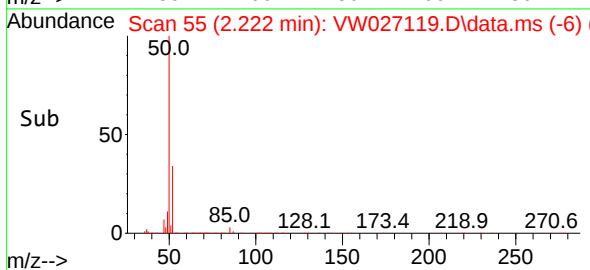
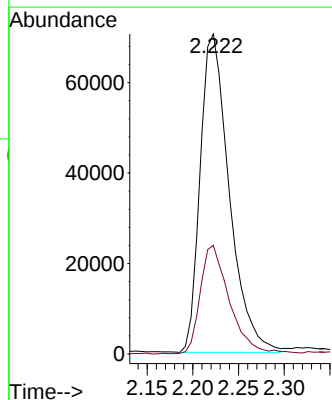
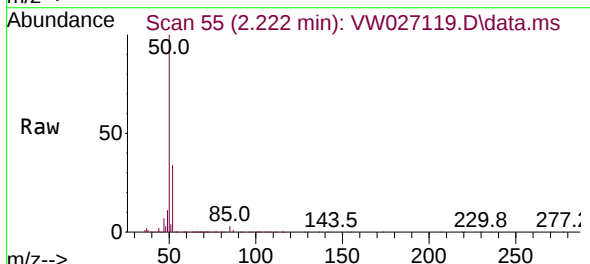
Instrument :
MSVOA_W
ClientSampleId :

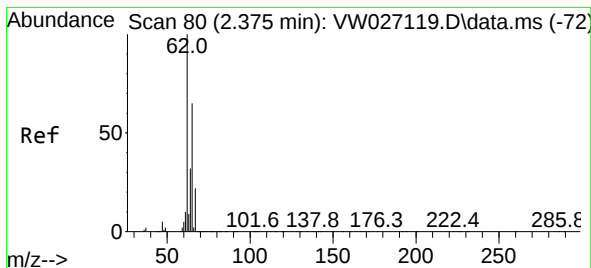
Tgt Ion: 85 Resp: 139642
Ion Ratio Lower Upper
85 100
87 23.1 18.5 27.7



#3
Chloromethane
Concen: 24.455 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion: 50 Resp: 155740
Ion Ratio Lower Upper
50 100
52 34.0 23.8 44.2





#5

Vinyl chloride

Concen: 23.639 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

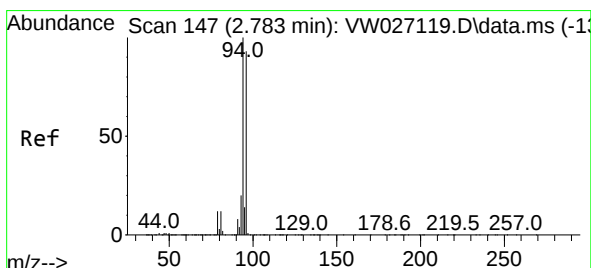
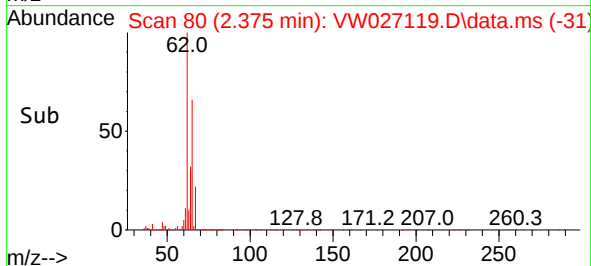
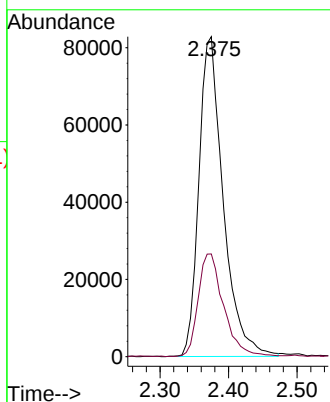
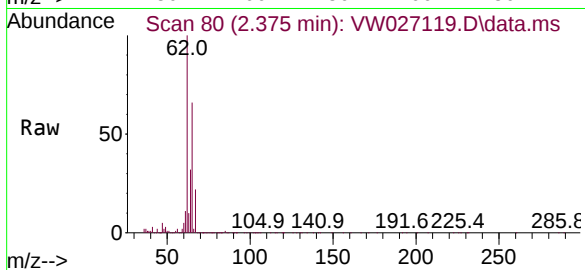
ClientSampleId :

Tgt Ion: 62 Resp: 204842

Ion Ratio Lower Upper

62 100

64 32.1 22.5 41.7



#6

Bromomethane

Concen: 23.895 ug/L

RT: 2.783 min Scan# 147

Delta R.T. 0.000 min

Lab File: VW027119.D

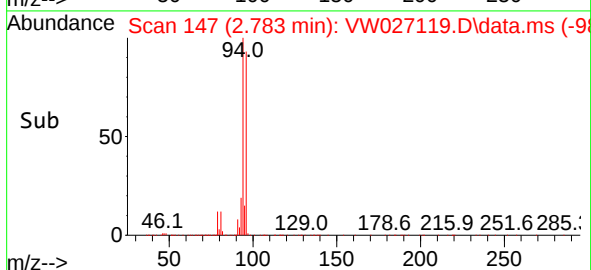
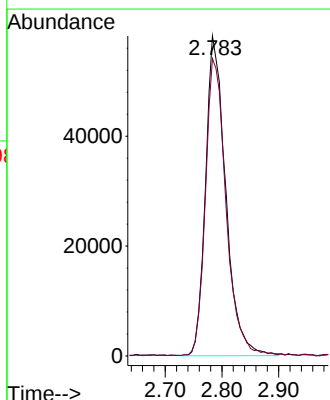
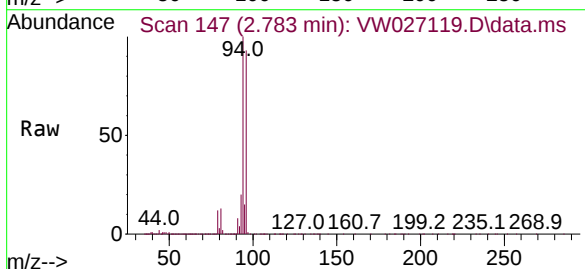
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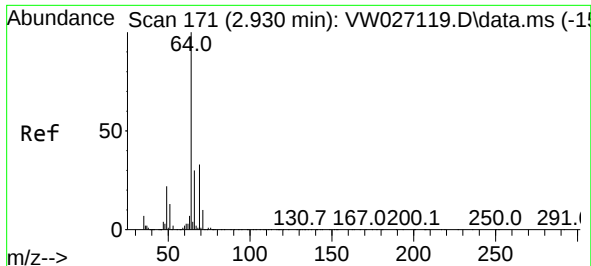
Tgt Ion: 94 Resp: 143795

Ion Ratio Lower Upper

94 100

96 92.9 65.0 120.8

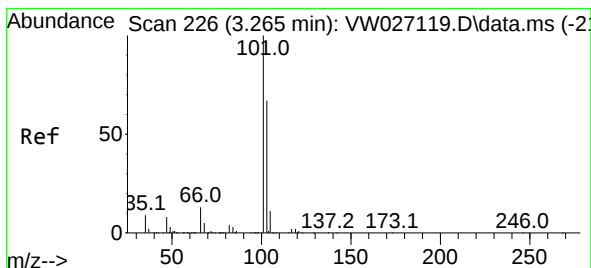
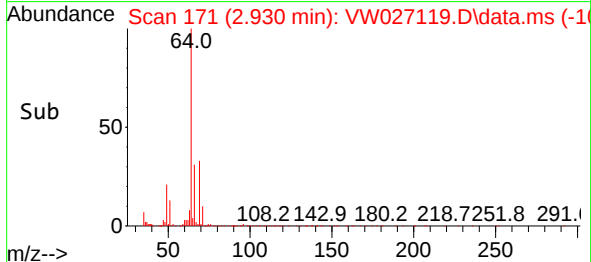
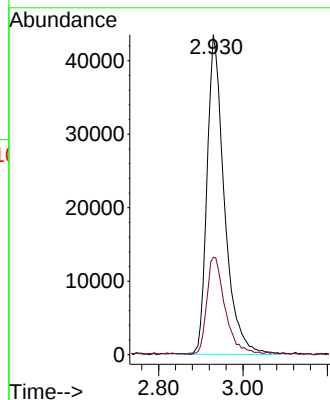
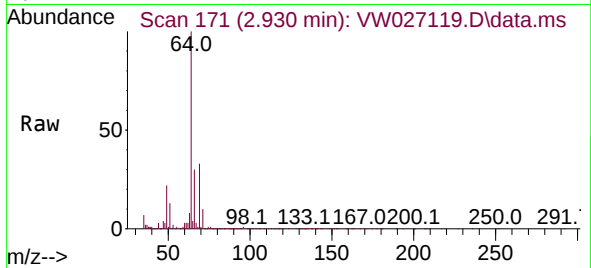




#8
Chloroethane
Concen: 24.535 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

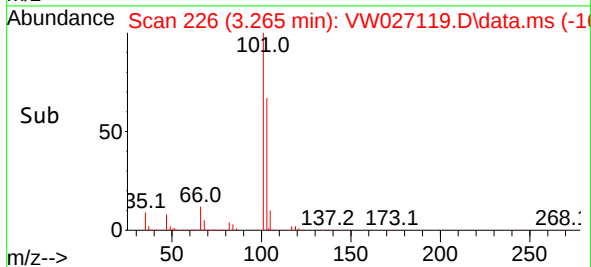
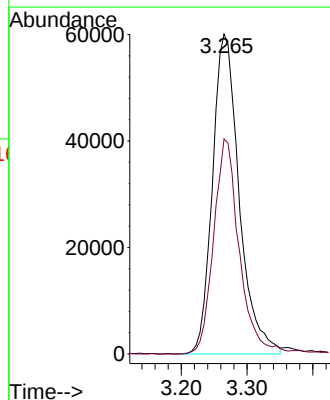
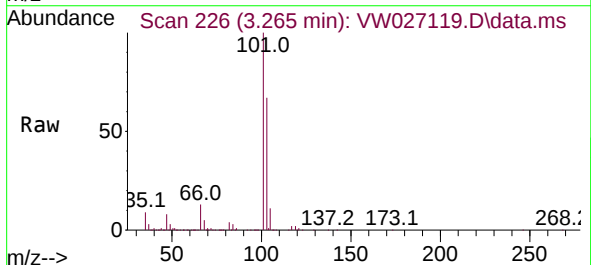
Instrument :
MSVOA_W
ClientSampleId :

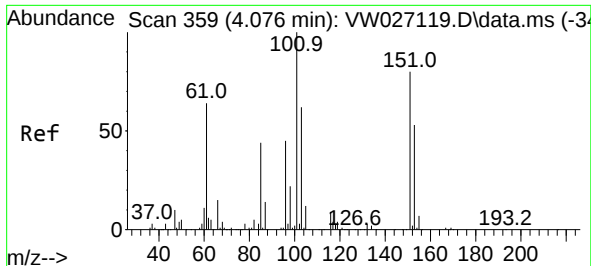
Tgt Ion: 64 Resp: 123979
Ion Ratio Lower Upper
64 100
66 30.5 21.3 39.6



#9
Trichlorofluoromethane
Concen: 25.219 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion: 101 Resp: 169702
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

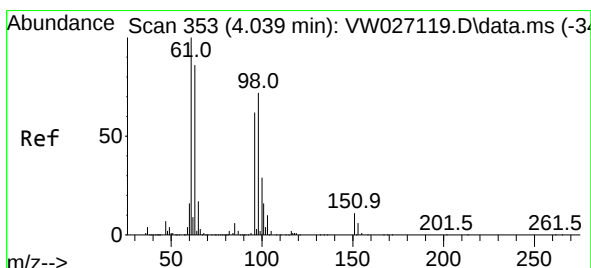
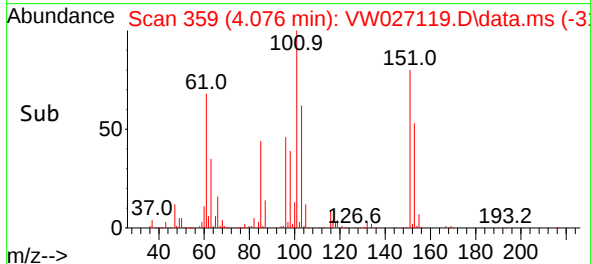
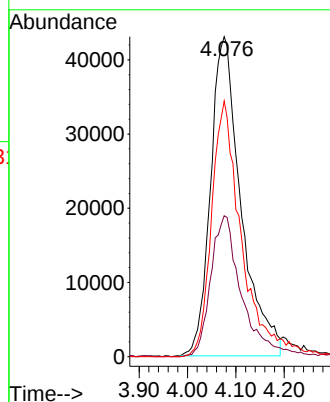
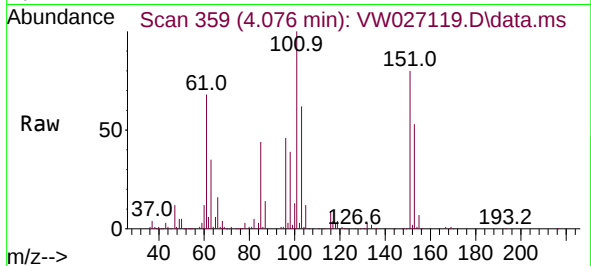




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.277 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027119.D
 Acq: 18 Sep 2023 11:05

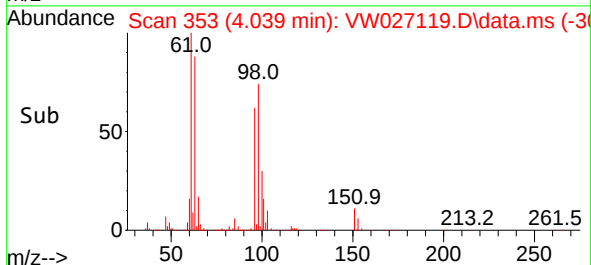
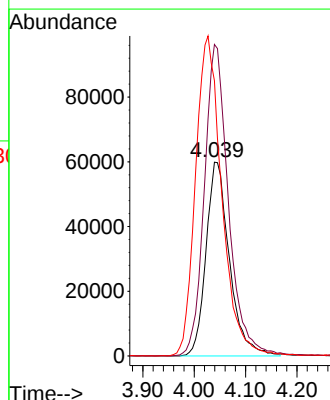
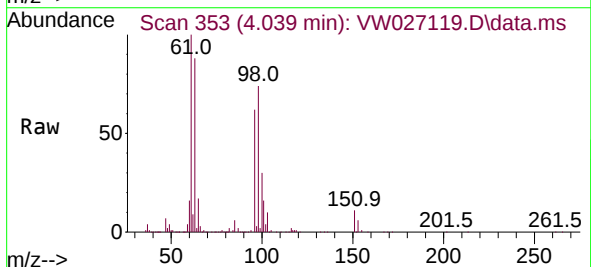
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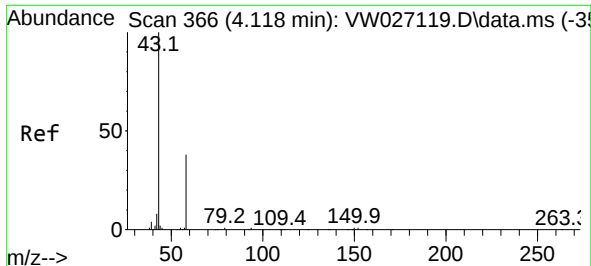
Tgt Ion:101 Resp: 188234
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.7 53.5
 151 72.1 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 24.902 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW027119.D
 Acq: 18 Sep 2023 11:05

Tgt Ion: 96 Resp: 189479
 Ion Ratio Lower Upper
 96 100
 61 160.7 112.5 208.9
 63 142.0 99.4 184.6





#13

Acetone

Concen: 49.621 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

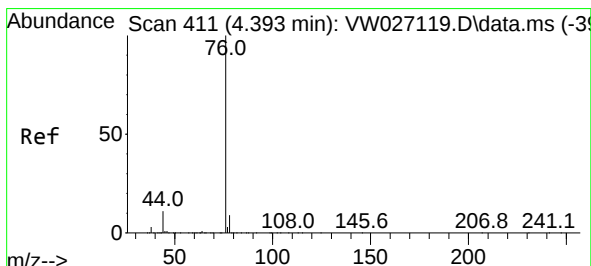
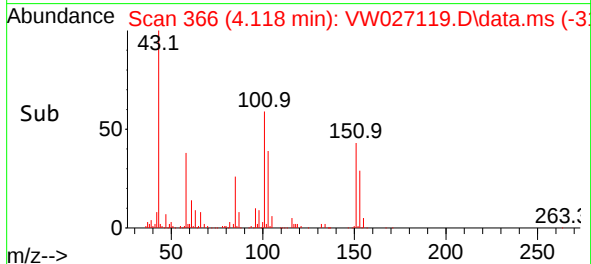
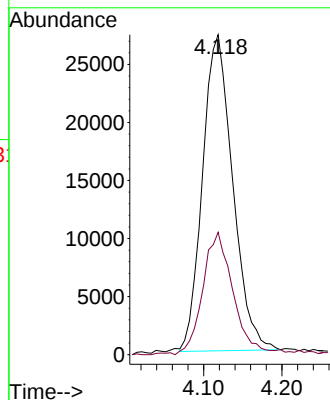
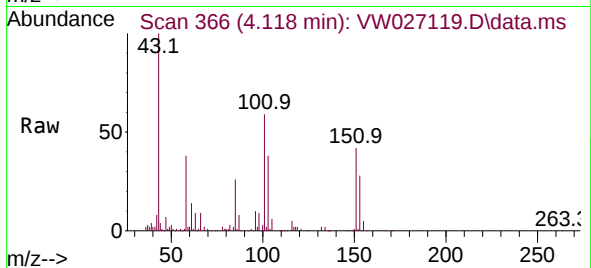
ClientSampleId :

Tgt Ion: 43 Resp: 72866

Ion Ratio Lower Upper

43 100

58 38.7 0.0 77.4



#14

Carbon disulfide

Concen: 24.835 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW027119.D

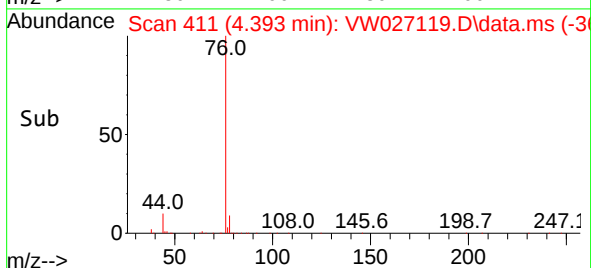
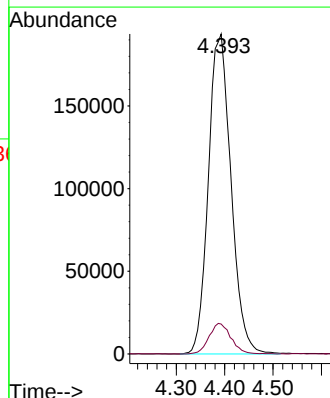
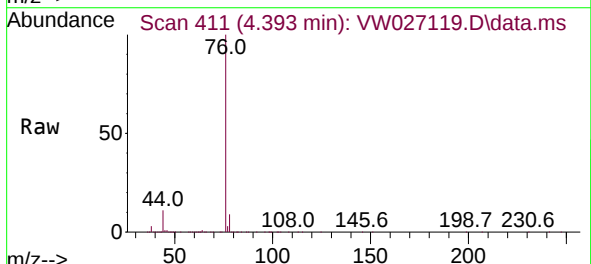
Acq: 18 Sep 2023 11:05

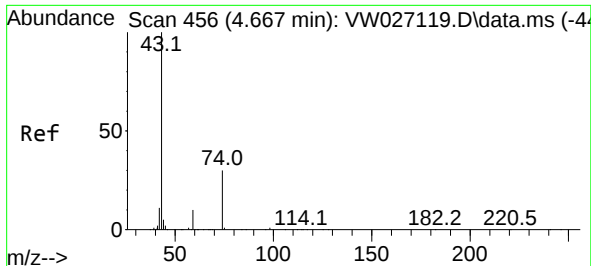
Tgt Ion: 76 Resp: 629958

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

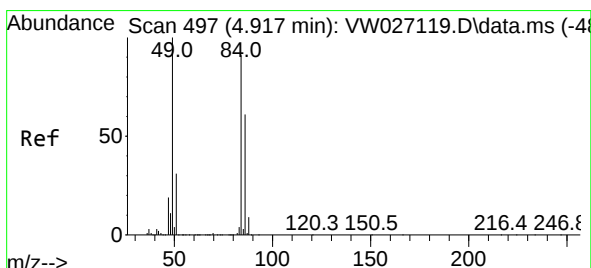
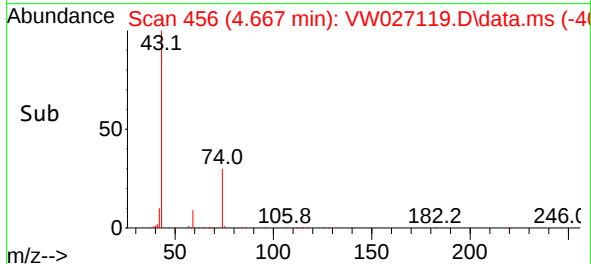
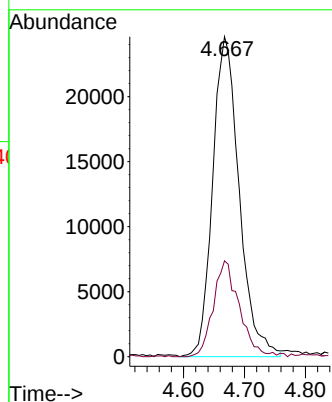
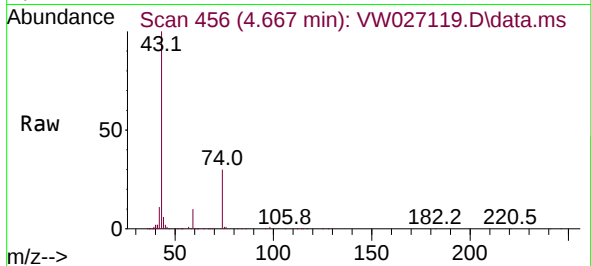




#15
Methyl Acetate
Concen: 25.679 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

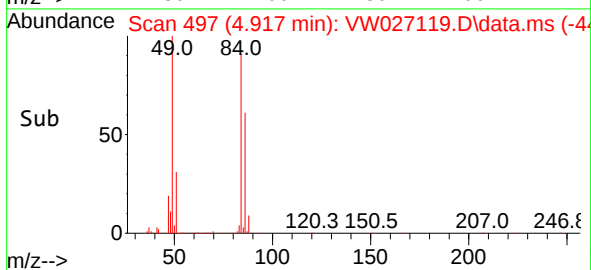
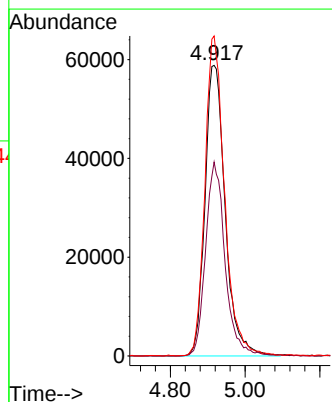
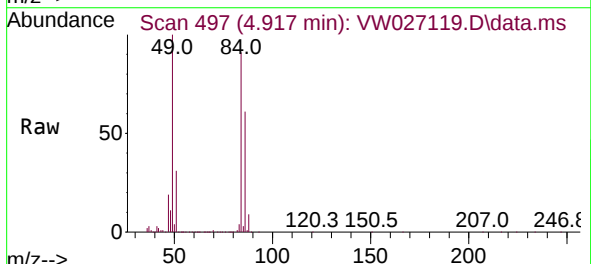
Instrument :
MSVOA_W
ClientSampleId :

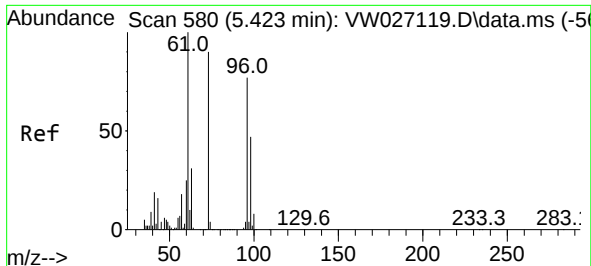
Tgt Ion: 43 Resp: 74457
Ion Ratio Lower Upper
43 100
74 29.0 23.2 34.8



#16
Methylene chloride
Concen: 22.214 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion: 84 Resp: 220500
Ion Ratio Lower Upper
84 100
86 66.7 46.7 86.7
49 110.1 77.1 143.1

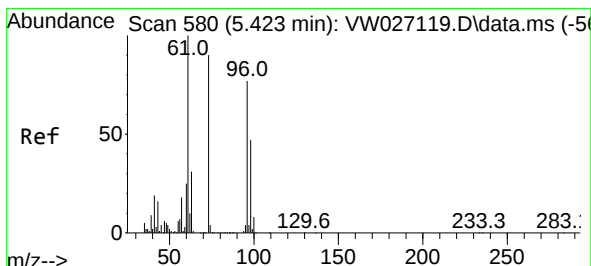
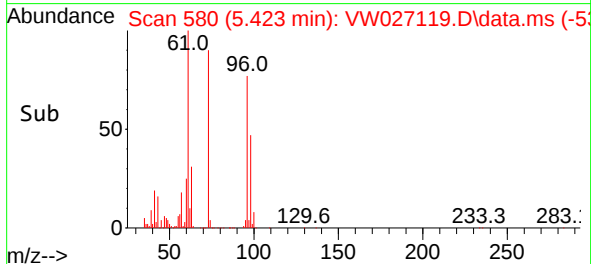
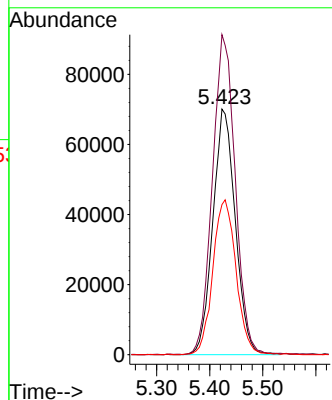
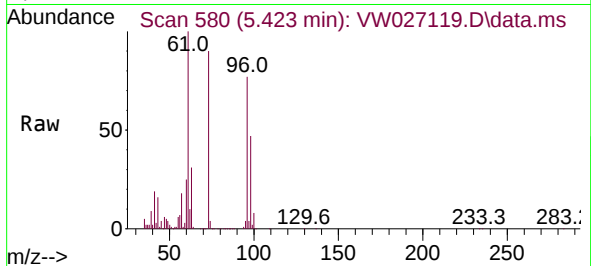




#17
trans-1,2-Dichloroethene
Concen: 25.013 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

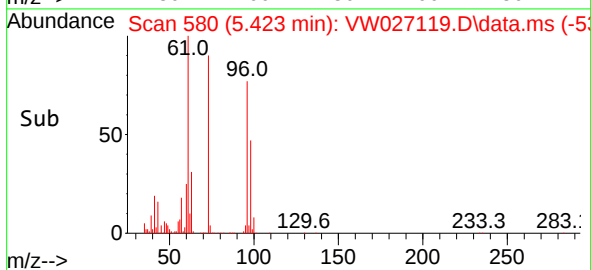
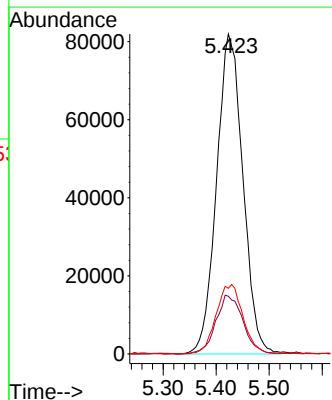
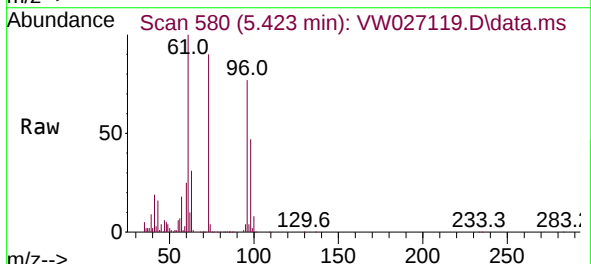
Instrument :
MSVOA_W
ClientSampleId :

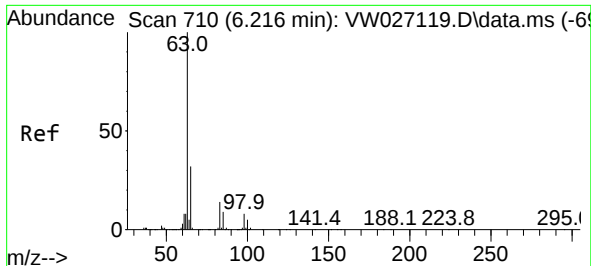
Tgt Ion: 96 Resp: 206518
Ion Ratio Lower Upper
96 100
61 130.3 91.2 169.4
98 61.1 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 25.746 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion: 73 Resp: 282471
Ion Ratio Lower Upper
73 100
43 19.0 15.2 22.8
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.091 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :

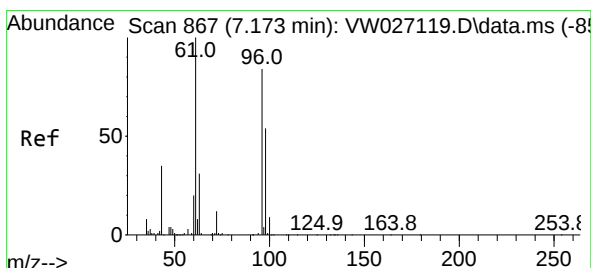
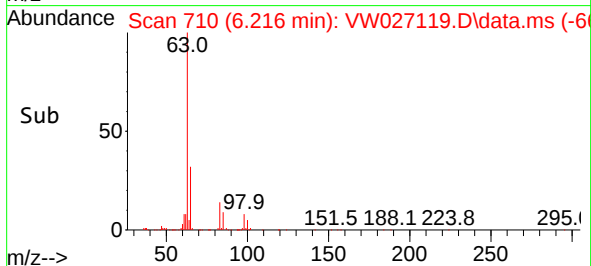
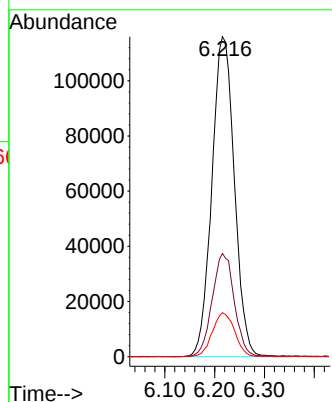
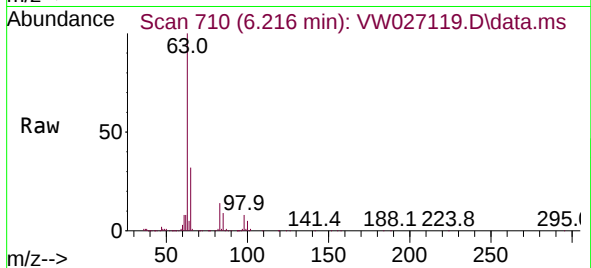
Tgt Ion: 63 Resp: 363314

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.211 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

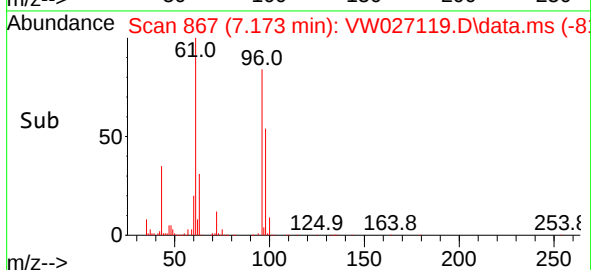
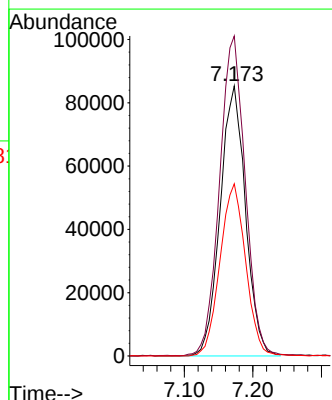
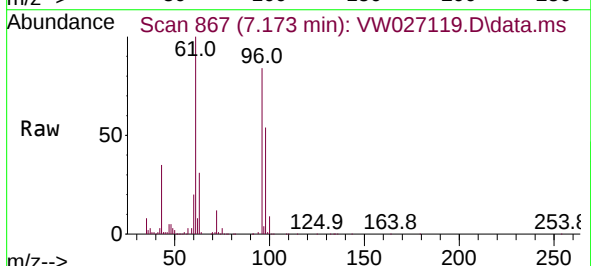
Tgt Ion: 96 Resp: 218943

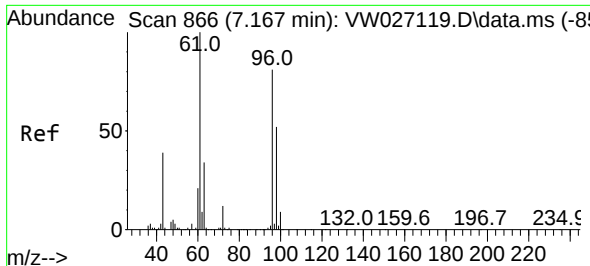
Ion Ratio Lower Upper

96 100

61 118.5 83.0 154.1

98 63.7 44.6 82.8

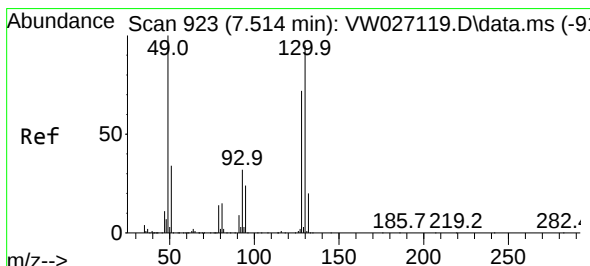
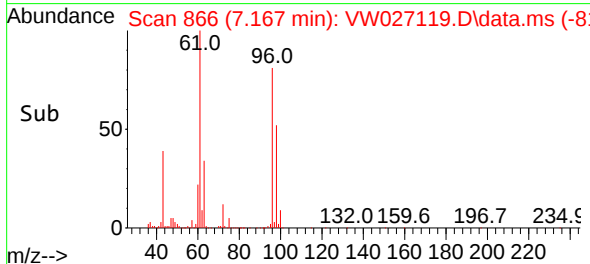
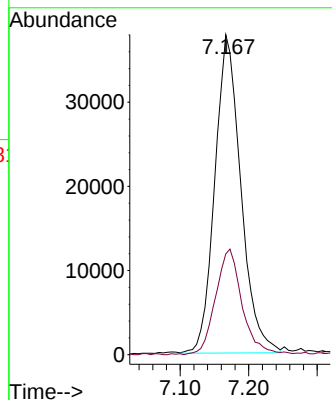
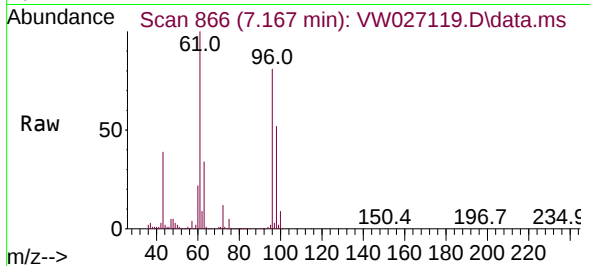




#22
2-Butanone
Concen: 51.222 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

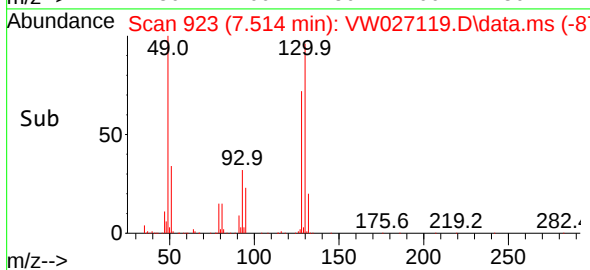
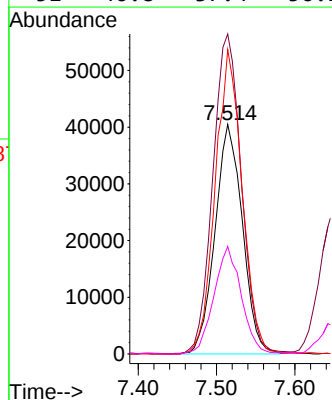
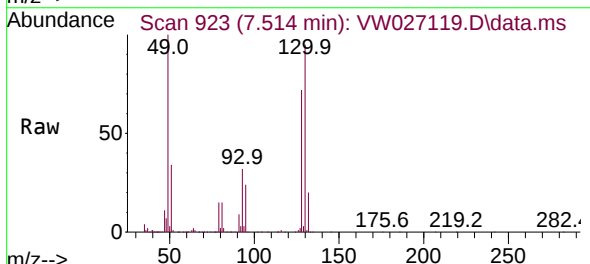
Instrument :
MSVOA_W
ClientSampleId :

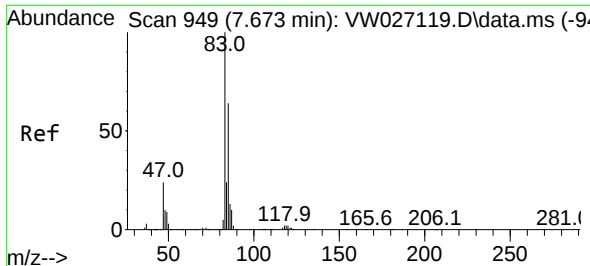
Tgt Ion: 43 Resp: 99742
Ion Ratio Lower Upper
43 100
72 33.6 16.8 50.4



#23
Bromochloromethane
Concen: 24.654 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion: 128 Resp: 98574
Ion Ratio Lower Upper
128 100
49 139.4 97.6 181.2
130 132.6 92.8 172.4
51 46.8 37.4 56.2

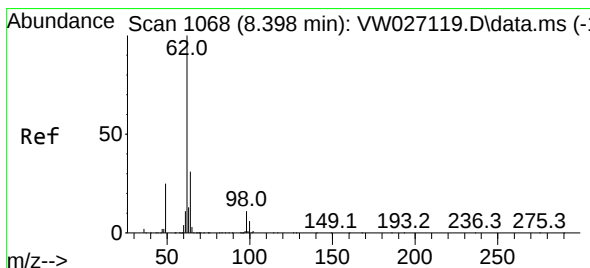
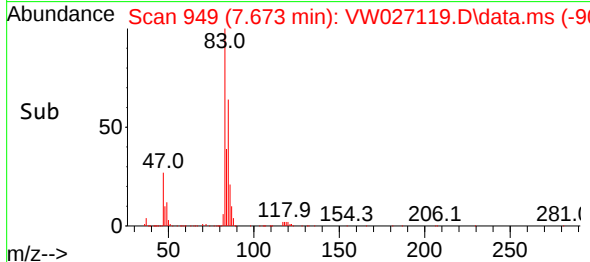
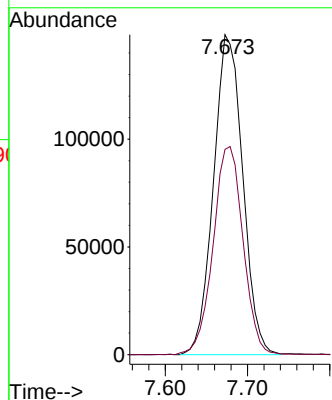
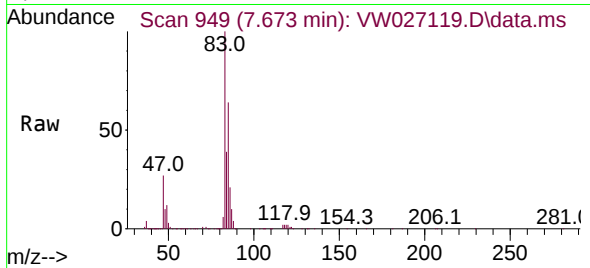




#25
Chloroform
Concen: 24.651 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

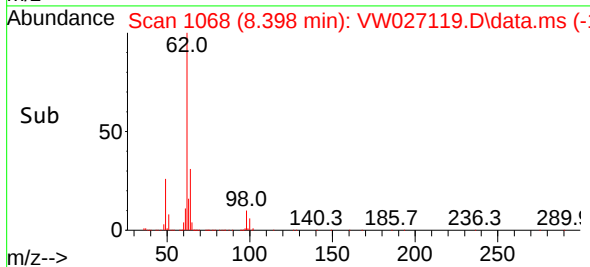
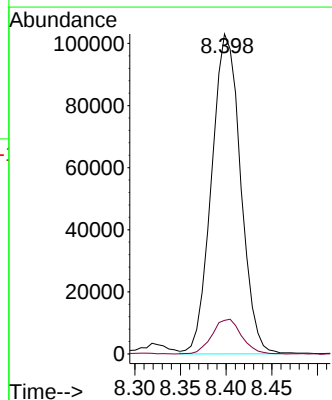
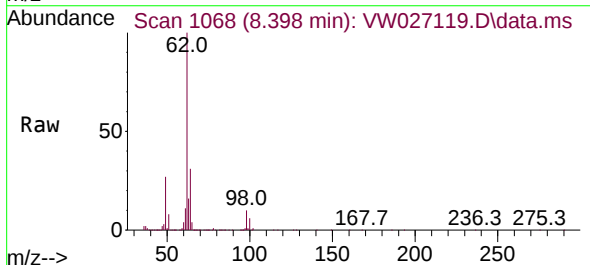
Instrument :
MSVOA_W
ClientSampleId :

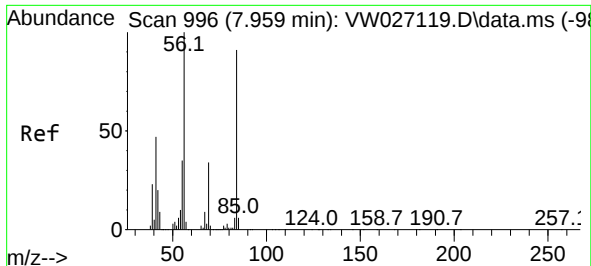
Tgt Ion: 83 Resp: 366590
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5



#27
1,2-Dichloroethane
Concen: 25.293 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion: 62 Resp: 227926
Ion Ratio Lower Upper
62 100
98 10.5 8.4 12.6





#29

Cyclohexane

Concen: 26.622 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :

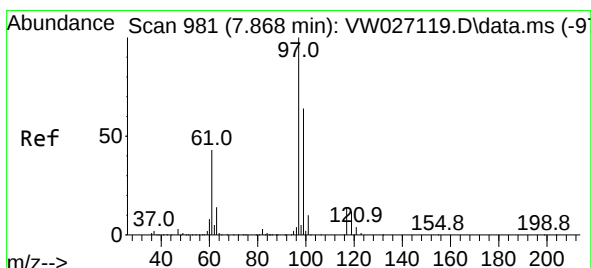
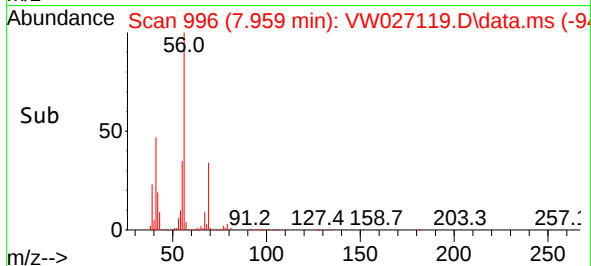
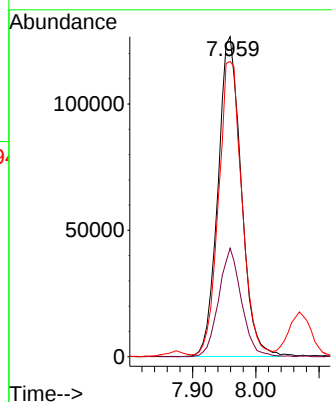
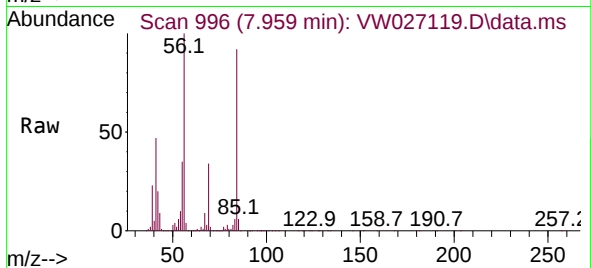
Tgt Ion: 56 Resp: 322643

Ion Ratio Lower Upper

56 100

69 33.1 26.5 39.7

84 93.0 74.4 111.6



#30

1,1,1-Trichloroethane

Concen: 25.257 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

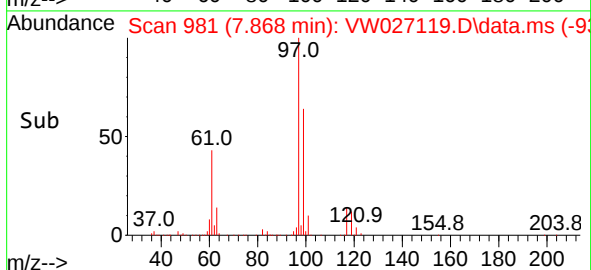
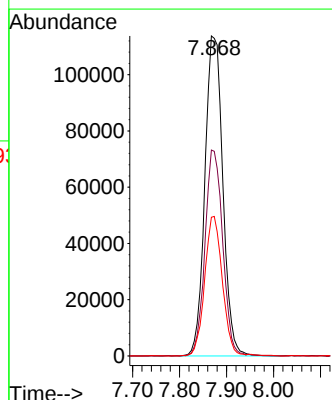
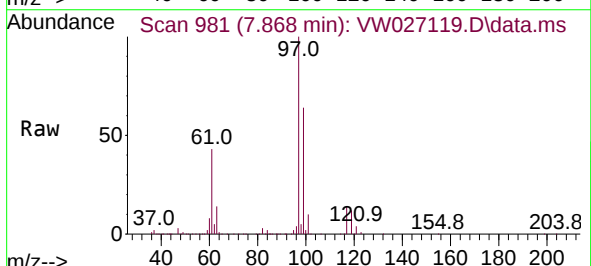
Tgt Ion: 97 Resp: 302235

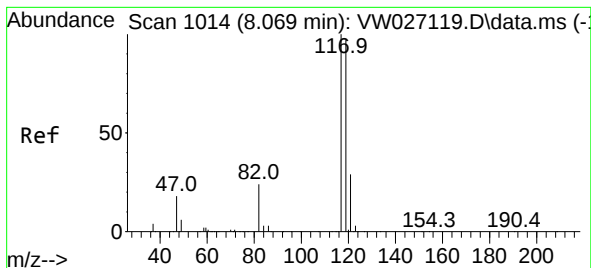
Ion Ratio Lower Upper

97 100

99 63.2 50.6 75.8

61 42.6 34.1 51.1





#31

Carbon tetrachloride

Concen: 25.337 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

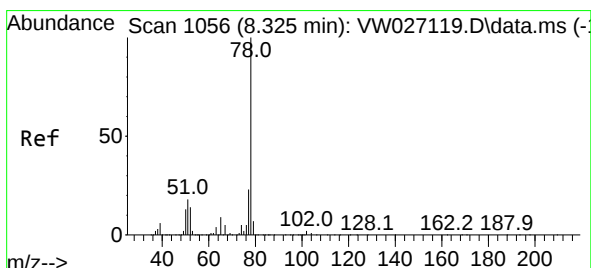
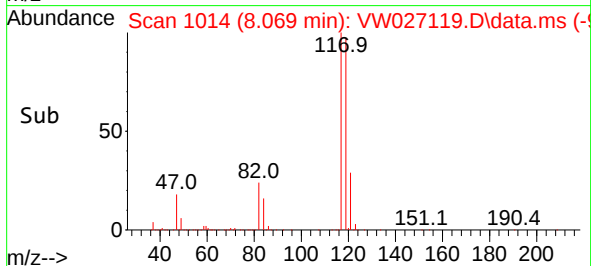
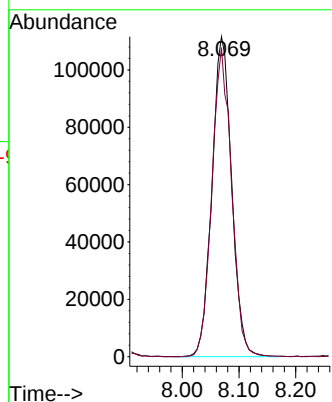
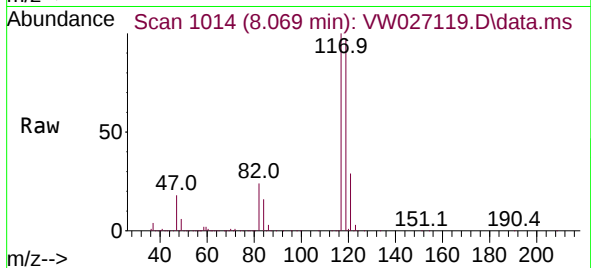
ClientSampleId :

Tgt Ion:117 Resp: 268681

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0



#33

Benzene

Concen: 25.590 ug/L

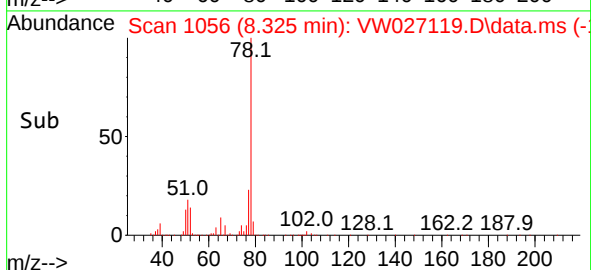
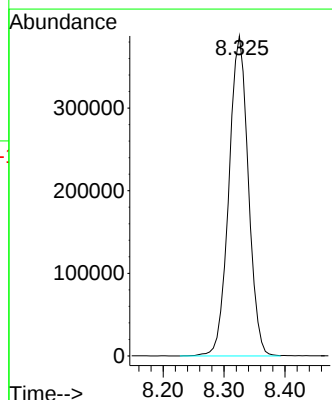
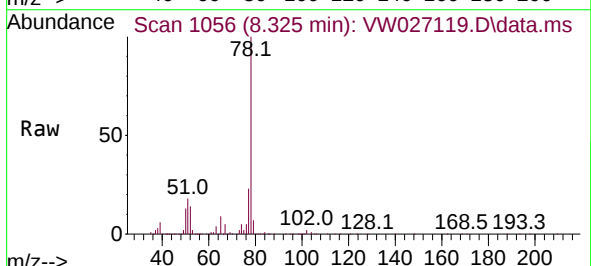
RT: 8.325 min Scan# 1056

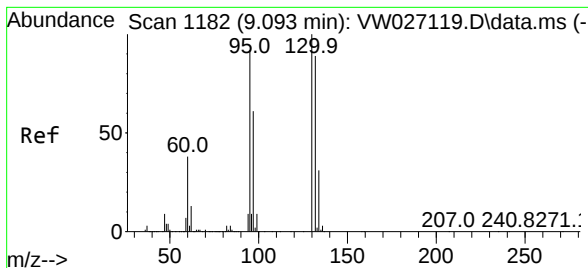
Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Tgt Ion: 78 Resp: 855810





#34

Trichloroethene

Concen: 24.914 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 220187

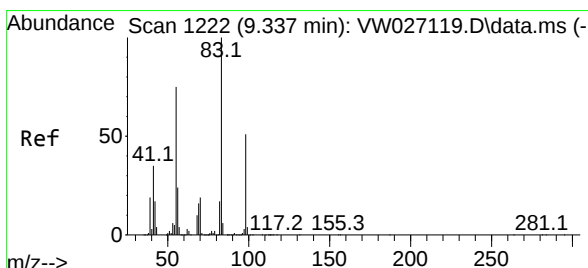
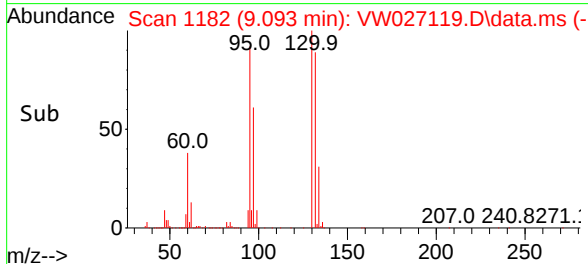
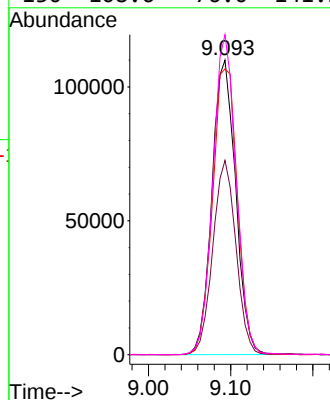
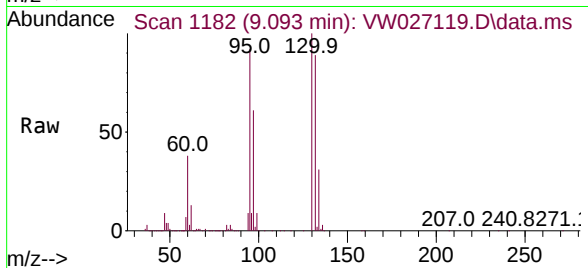
Ion Ratio Lower Upper

95 100

97 65.9 46.1 85.7

132 97.0 67.9 126.1

130 108.6 76.0 141.2



#35

Methylcyclohexane

Concen: 26.634 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

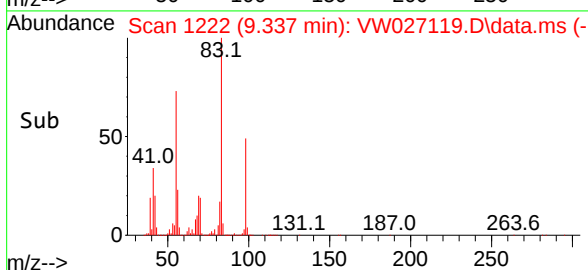
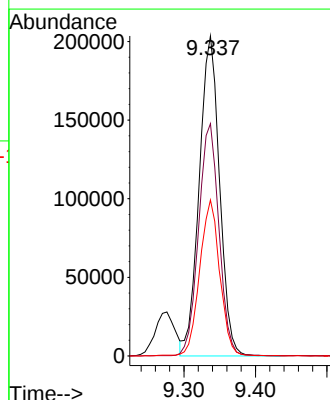
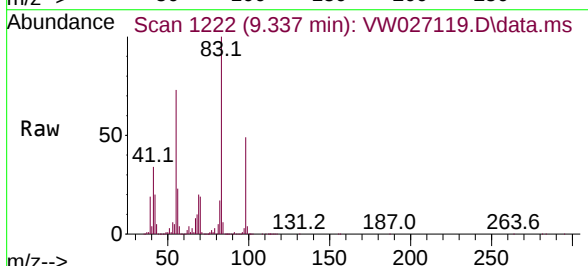
Tgt Ion: 83 Resp: 401510

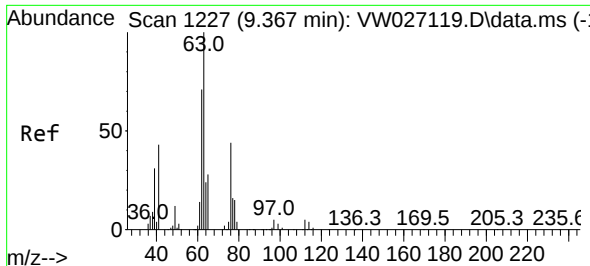
Ion Ratio Lower Upper

83 100

55 72.5 58.0 87.0

98 48.1 38.5 57.7





#37

1,2-Dichloropropane

Concen: 25.380 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

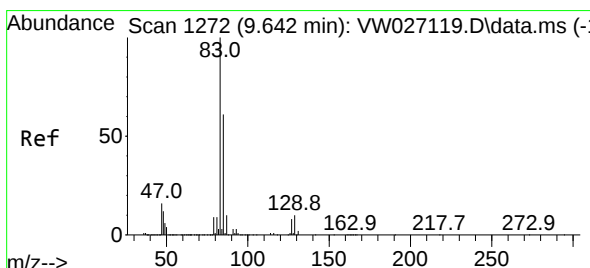
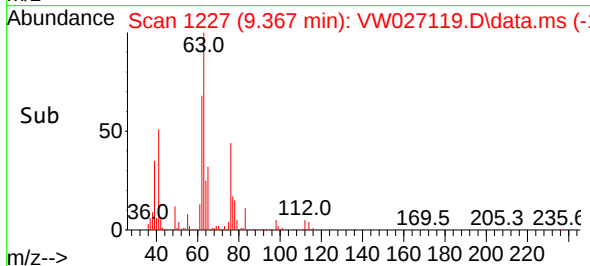
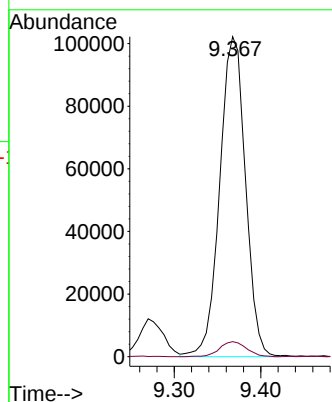
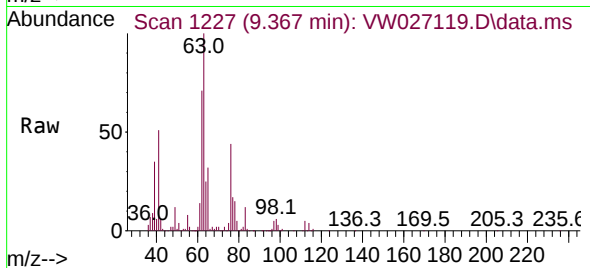
ClientSampleId :

Tgt Ion: 63 Resp: 210781

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 25.190 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

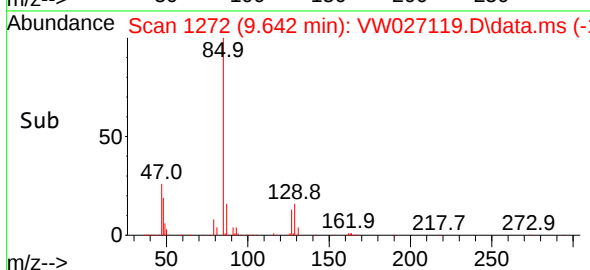
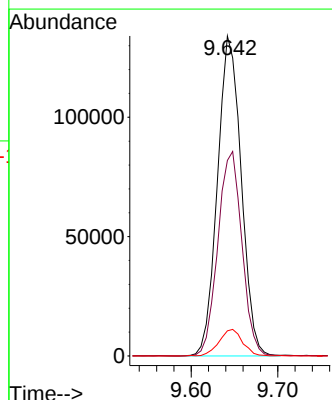
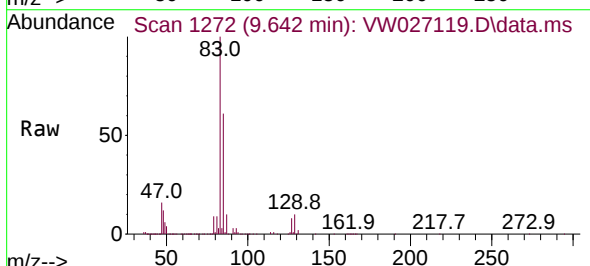
Tgt Ion: 83 Resp: 255837

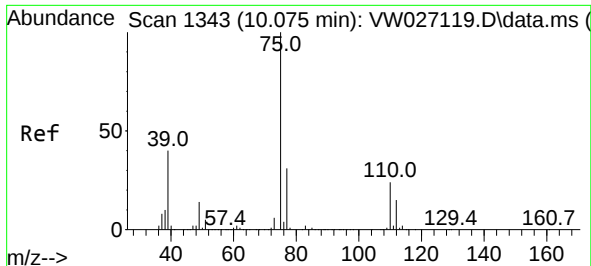
Ion Ratio Lower Upper

83 100

85 61.1 42.8 79.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.730 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

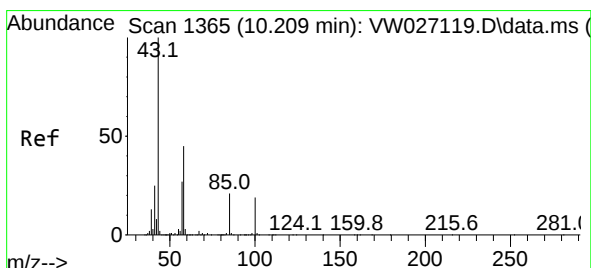
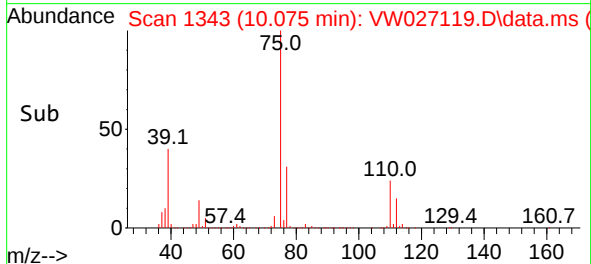
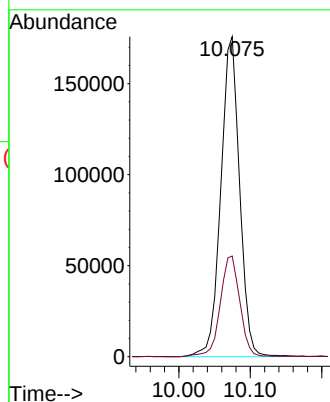
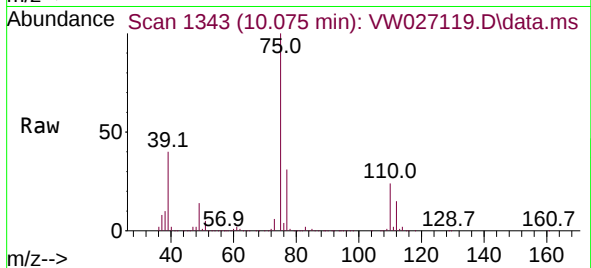
ClientSampleId :

Tgt Ion: 75 Resp: 320085

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 54.102 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

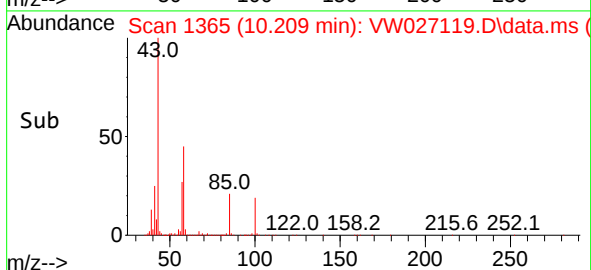
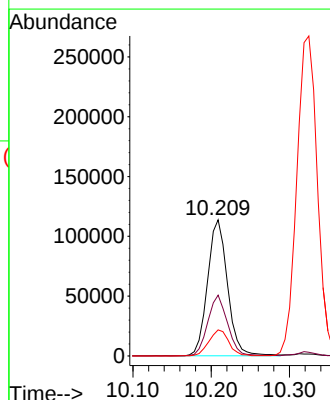
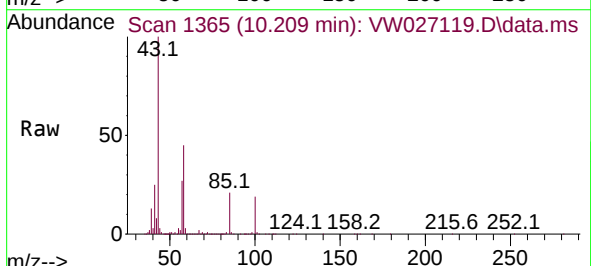
Tgt Ion: 43 Resp: 201513

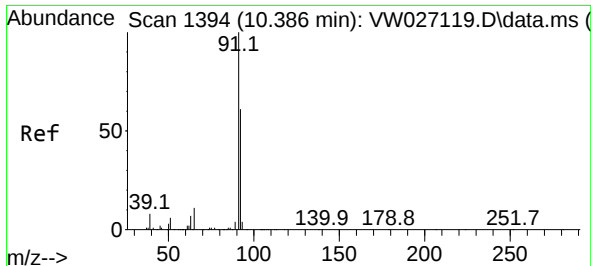
Ion Ratio Lower Upper

43 100

58 44.3 35.4 53.2

100 19.0 15.2 22.8

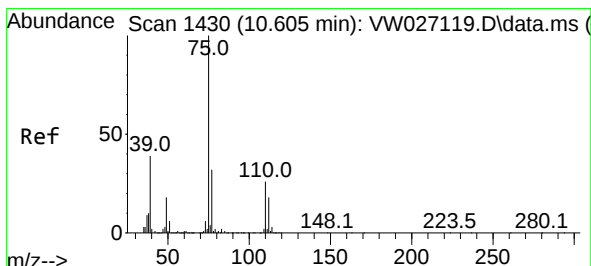
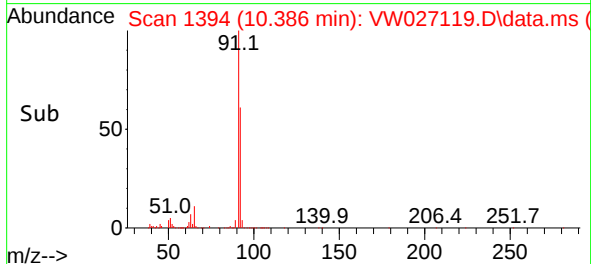
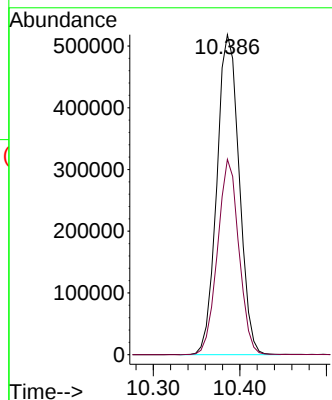
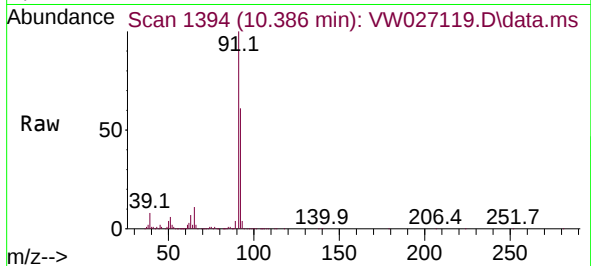




#42
Toluene
Concen: 26.239 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

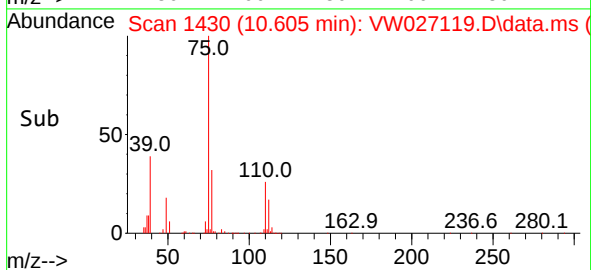
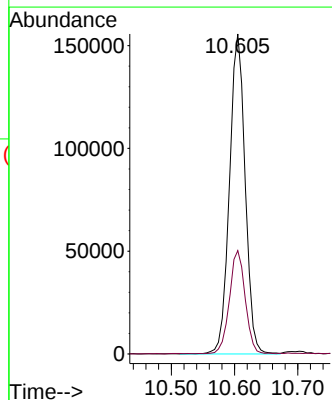
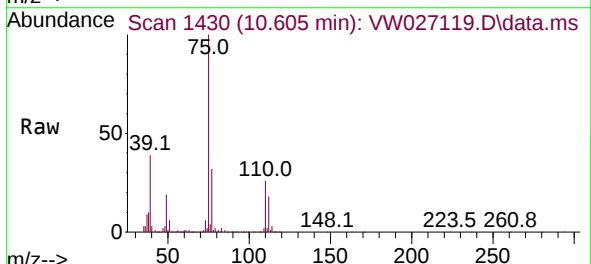
Instrument :
MSVOA_W
ClientSampleId :

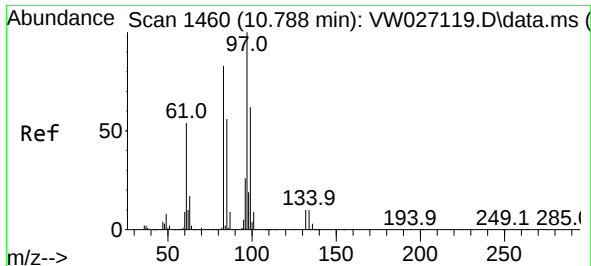
Tgt Ion: 91 Resp: 927230
Ion Ratio Lower Upper
91 100
92 61.0 42.7 79.3



#44
trans-1,3-Dichloropropene
Concen: 25.665 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion: 75 Resp: 267946
Ion Ratio Lower Upper
75 100
77 32.3 22.6 42.0

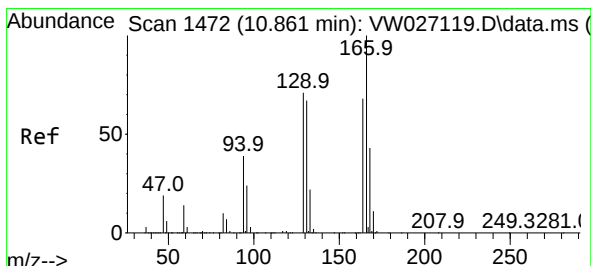
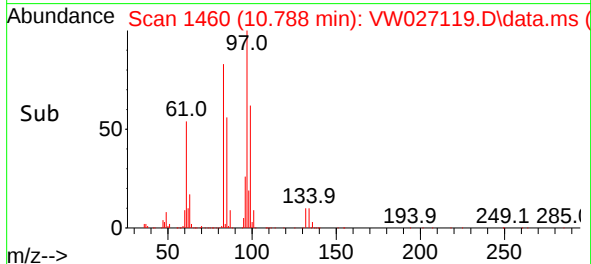
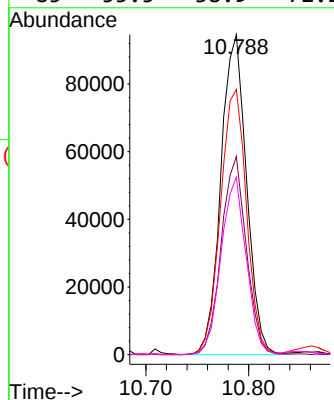
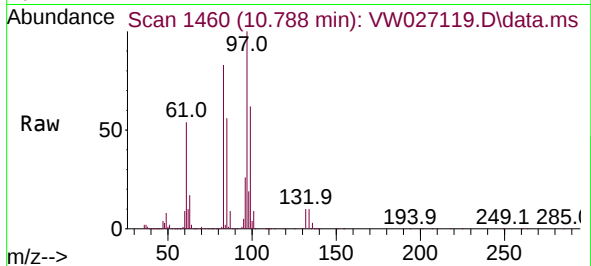




#45
1,1,2-Trichloroethane
Concen: 25.656 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

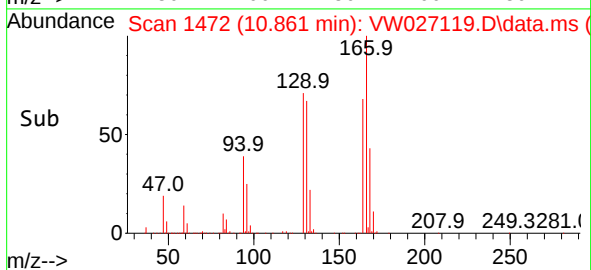
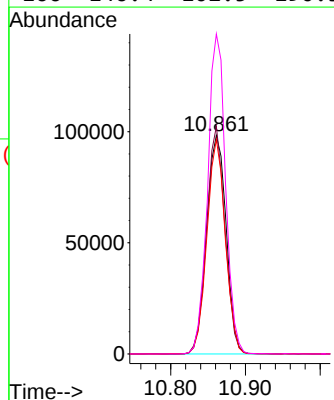
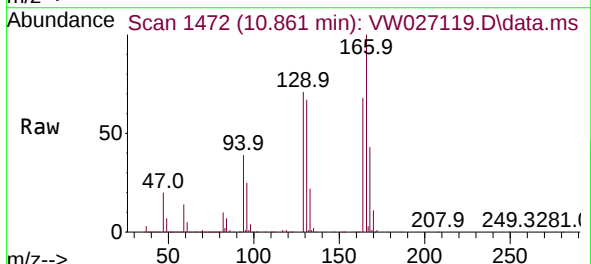
Instrument :
MSVOA_W
ClientSampleId :

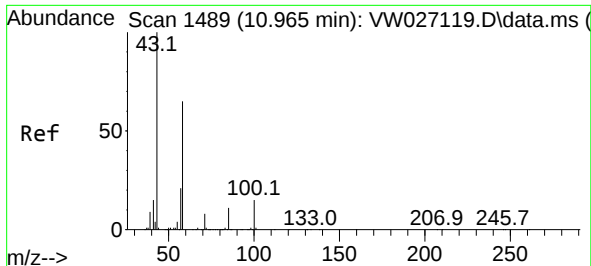
Tgt Ion: 97	Resp: 163950		
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	82.9	58.0	107.8
85	55.5	38.9	72.2



#46
Tetrachloroethene
Concen: 24.093 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt	Ion:164	Resp:	179471
Ion	Ratio	Lower	Upper
164	100		
129	104.1	72.9	135.3
131	98.2	68.7	127.7
166	146.4	102.5	190.3

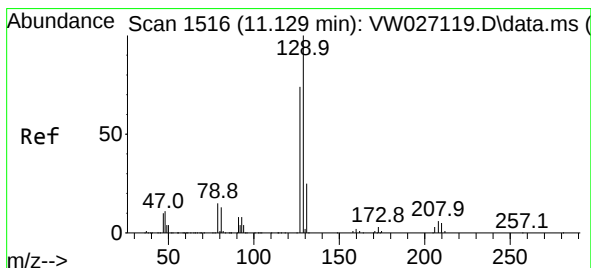
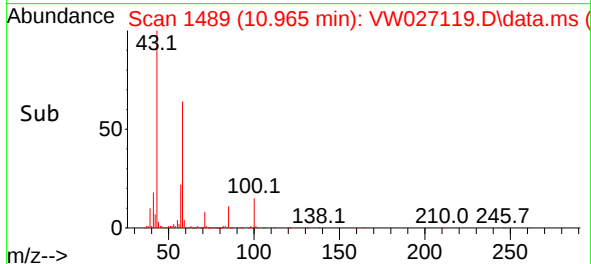
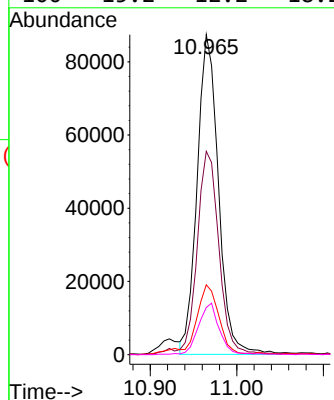
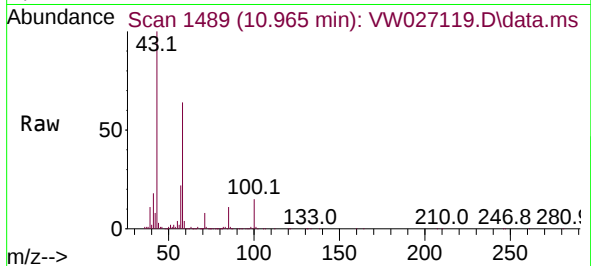




#48
2-Hexanone
Concen: 57.085 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

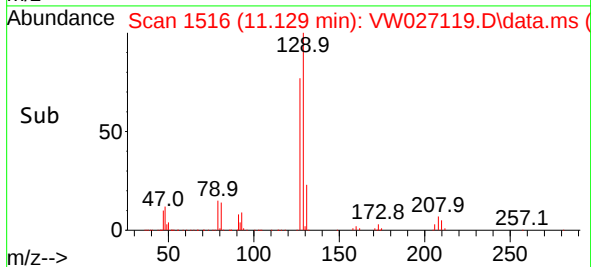
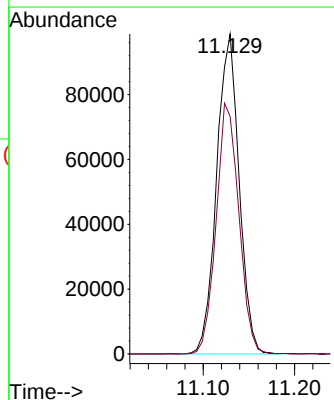
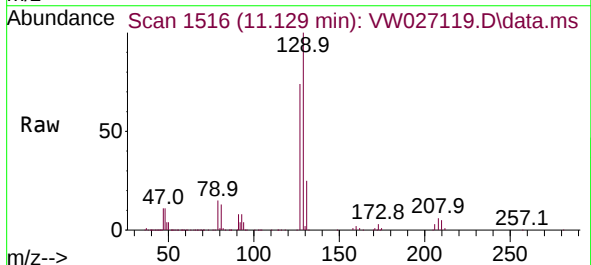
Instrument :
MSVOA_W
ClientSampleId :

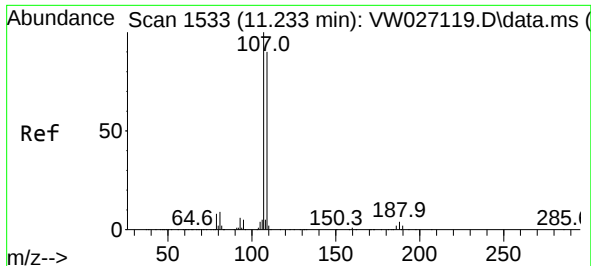
Tgt Ion: 43 Resp: 149697
Ion Ratio Lower Upper
43 100
58 64.2 51.4 77.0
57 21.5 17.2 25.8
100 15.2 12.2 18.2



#49
Dibromochloromethane
Concen: 25.279 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion:129 Resp: 169055
Ion Ratio Lower Upper
129 100
127 74.2 51.9 96.5





#50

1,2-Dibromoethane

Concen: 25.259 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

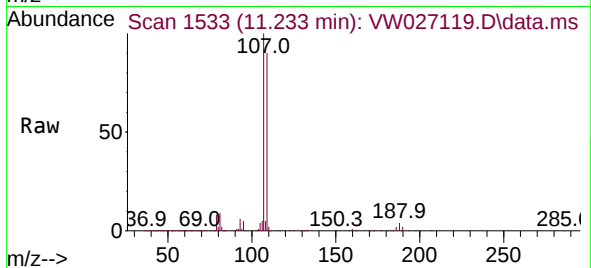
Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :



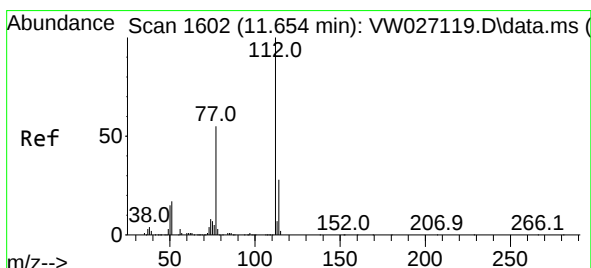
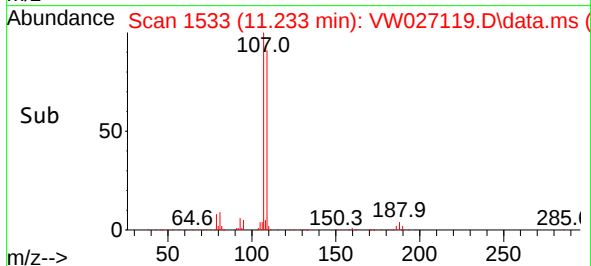
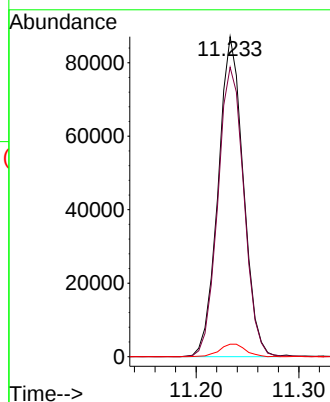
Tgt Ion:107 Resp: 148132

Ion Ratio Lower Upper

107 100

109 90.4 63.3 117.5

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 25.198 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

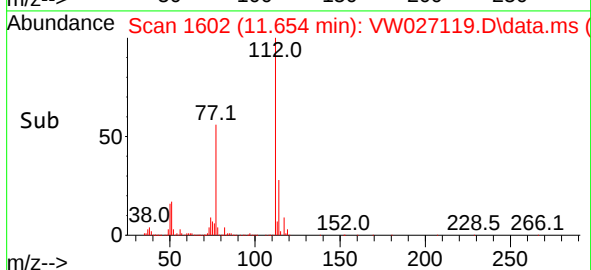
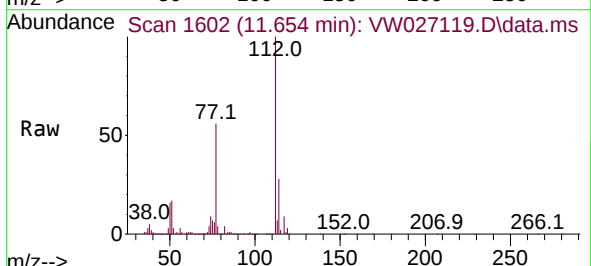
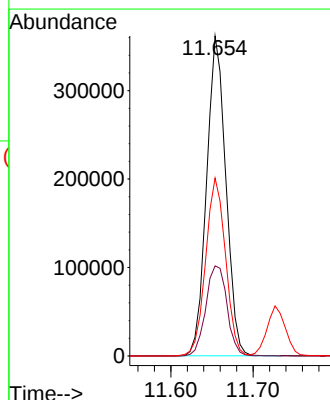
Tgt Ion:112 Resp: 587650

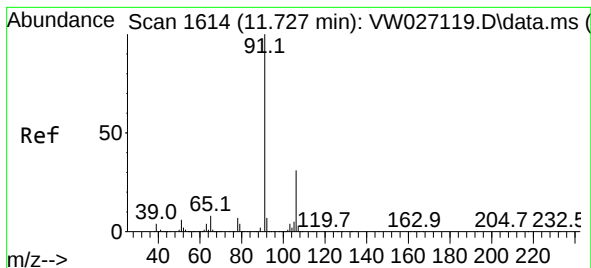
Ion Ratio Lower Upper

112 100

114 28.2 19.7 36.7

77 55.6 44.5 66.7

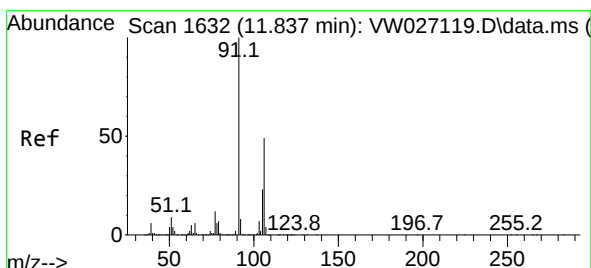
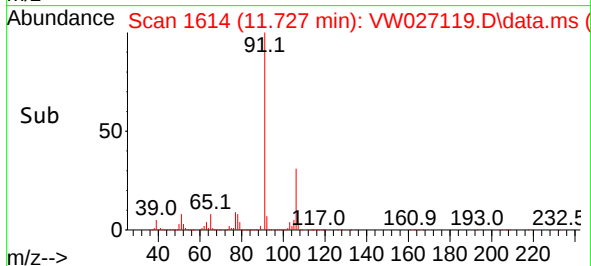
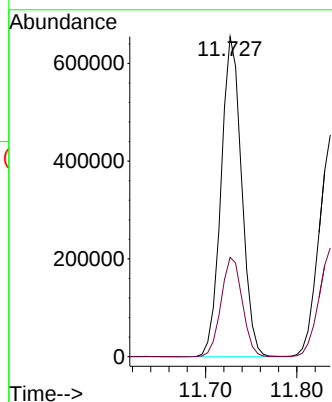
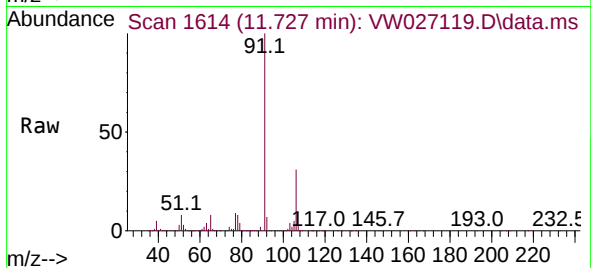




#52
Ethylbenzene
Concen: 26.423 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

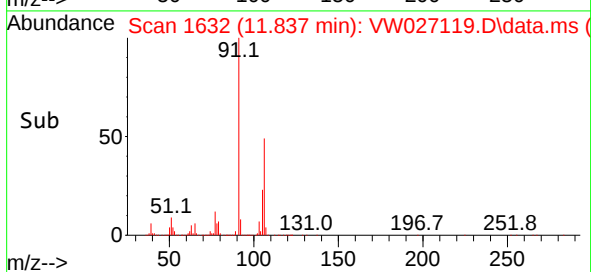
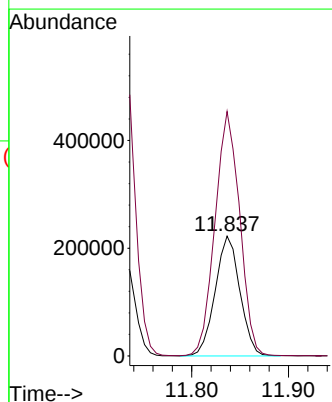
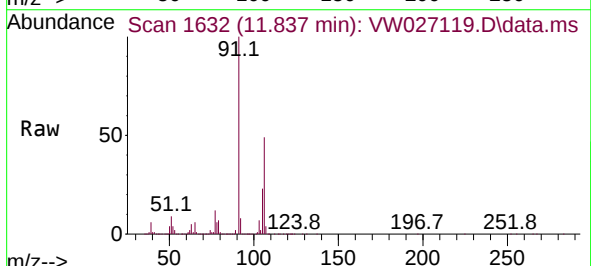
Instrument :
MSVOA_W
ClientSampleId :

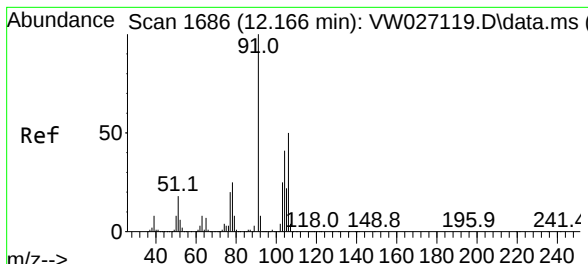
Tgt Ion: 91 Resp: 1024077
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 26.555 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion:106 Resp: 394691
Ion Ratio Lower Upper
106 100
91 203.9 142.7 265.1

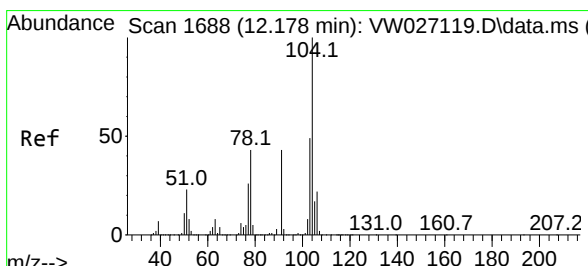
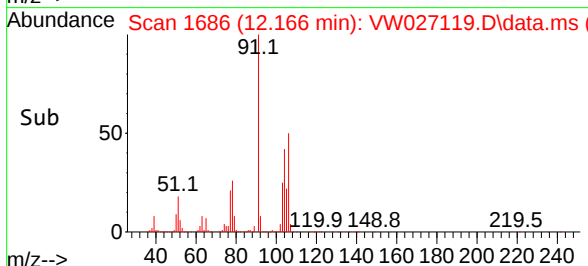
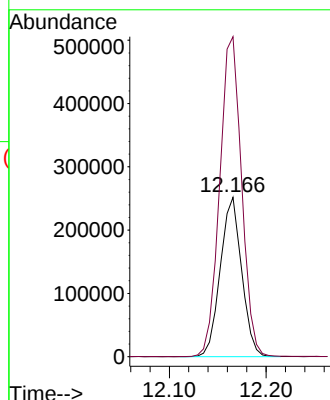
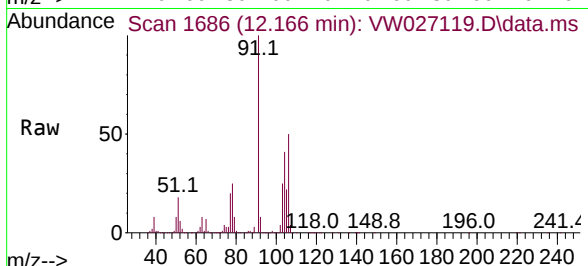




#54
o-Xylene
Concen: 27.189 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

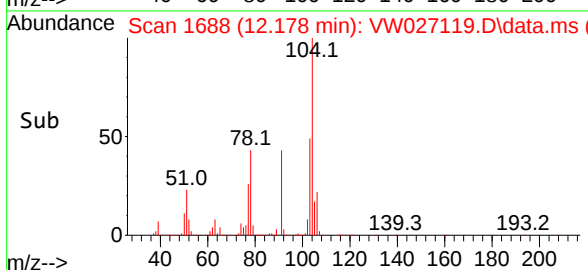
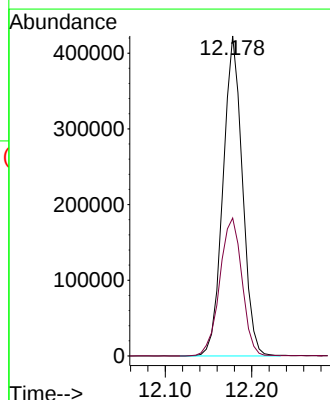
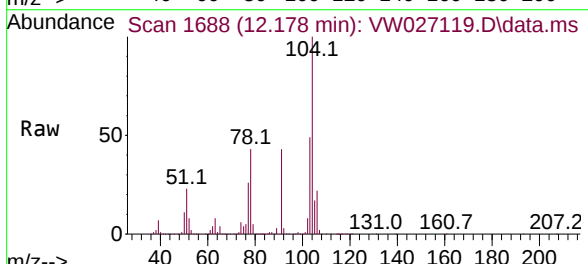
Instrument :
MSVOA_W
ClientSampleId :

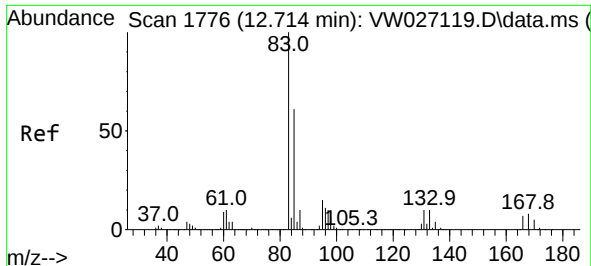
Tgt Ion:106 Resp: 384990
Ion Ratio Lower Upper
106 100
91 200.8 140.6 261.0



#55
Styrene
Concen: 27.077 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion:104 Resp: 656954
Ion Ratio Lower Upper
104 100
78 43.1 30.2 56.0





#57

1,1,2-Tetrachloroethane

Concen: 25.937 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :

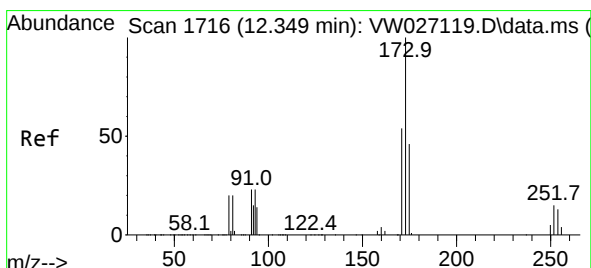
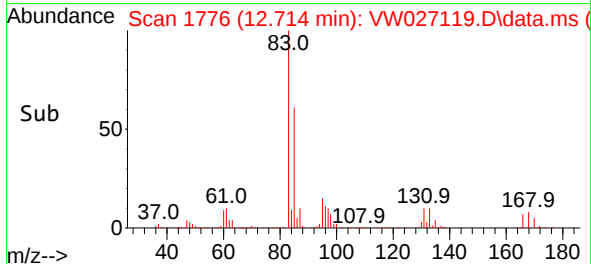
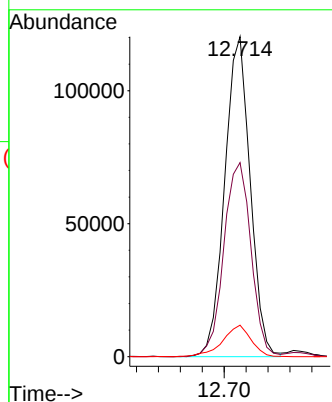
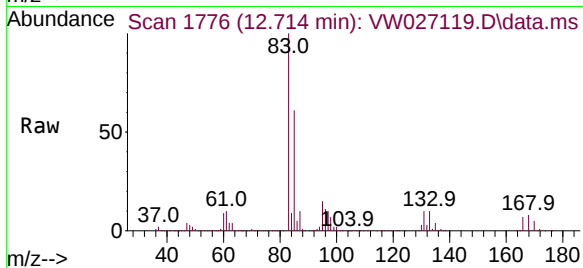
Tgt Ion: 83 Resp: 194195

Ion Ratio Lower Upper

83 100

85 60.7 42.5 78.9

131 9.8 7.8 11.8



#59

Bromoform

Concen: 24.894 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

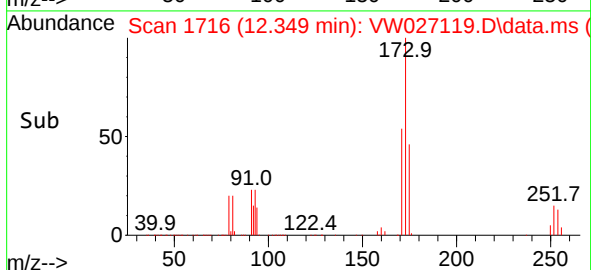
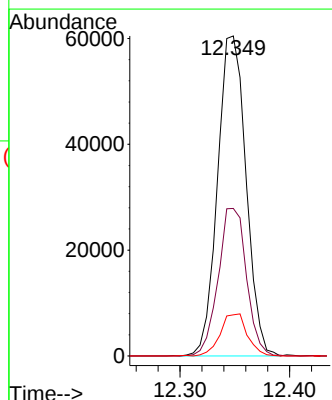
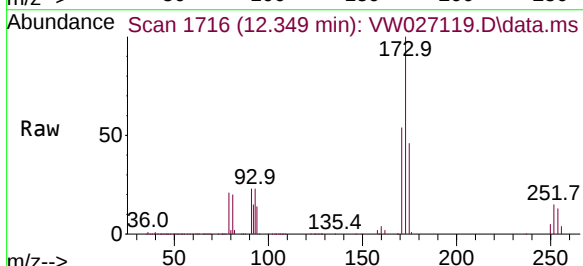
Tgt Ion: 173 Resp: 109209

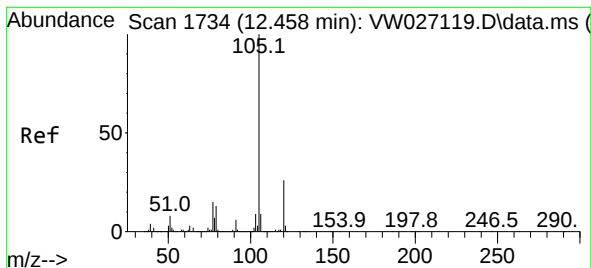
Ion Ratio Lower Upper

173 100

175 45.8 36.6 55.0

254 12.5 10.0 15.0





#60

Isopropylbenzene

Concen: 25.751 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :

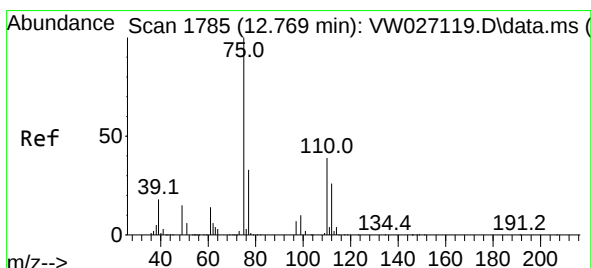
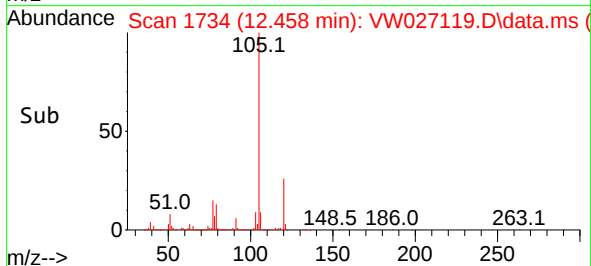
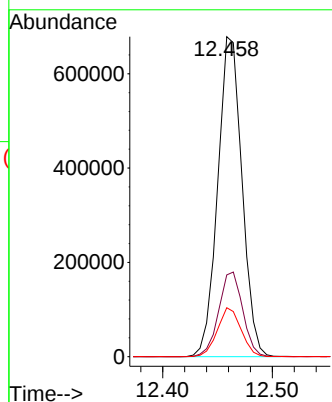
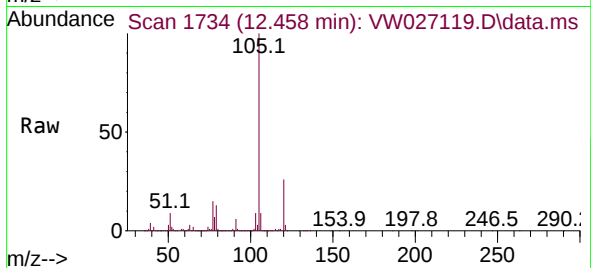
Tgt Ion:105 Resp: 1044739

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

77 15.0 12.0 18.0



#61

1,2,3-Trichloropropane

Concen: 23.941 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

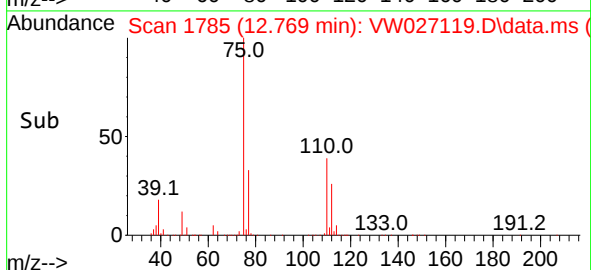
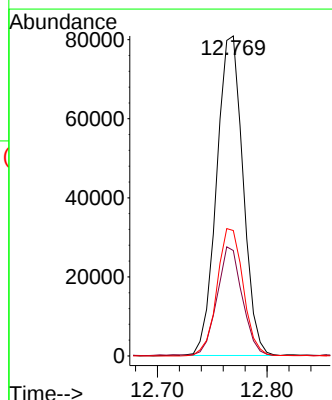
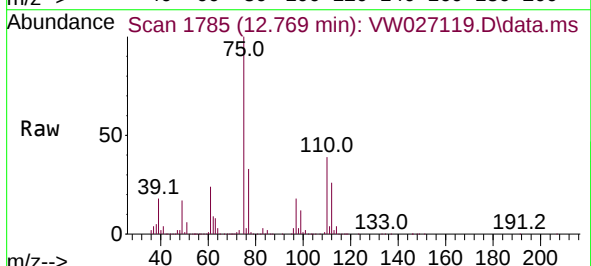
Tgt Ion: 75 Resp: 135214

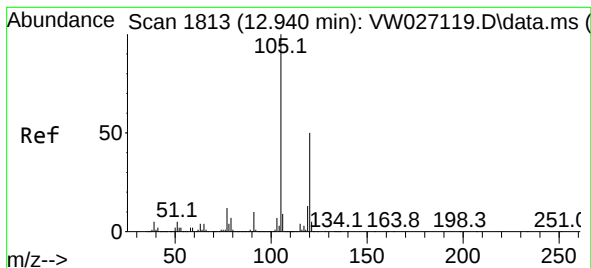
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

110 39.5 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 25.786 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

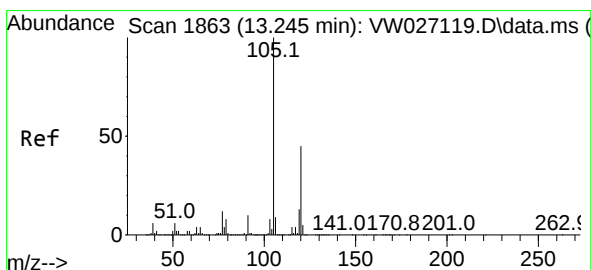
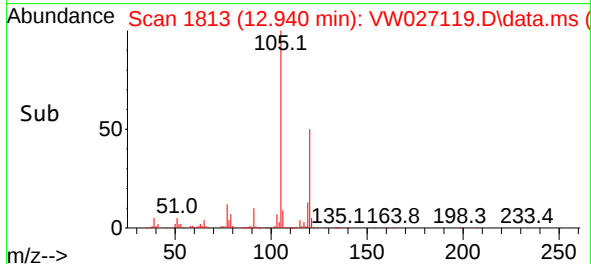
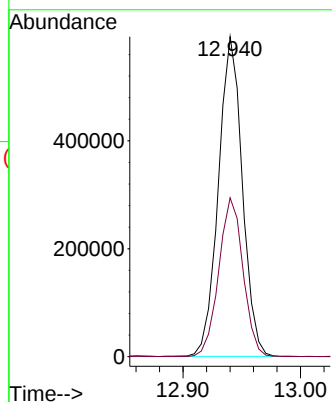
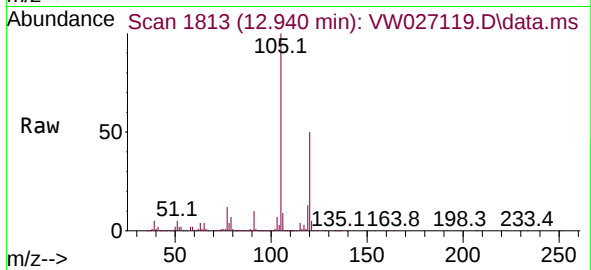
ClientSampleId :

Tgt Ion:105 Resp: 837237

Ion Ratio Lower Upper

105 100

120 50.6 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 26.320 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027119.D

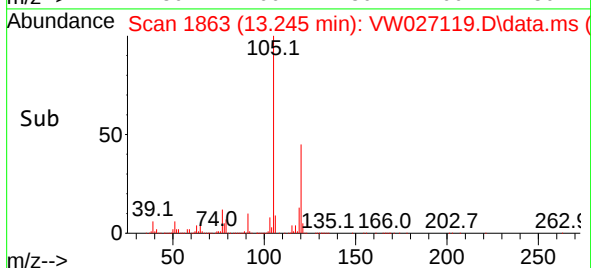
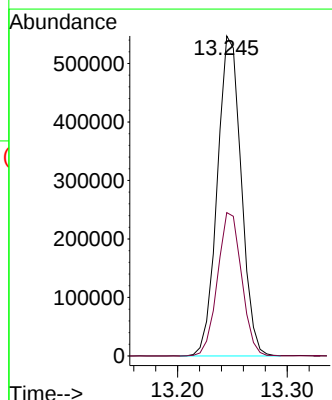
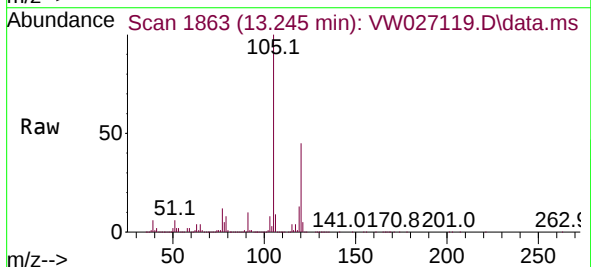
Acq: 18 Sep 2023 11:05

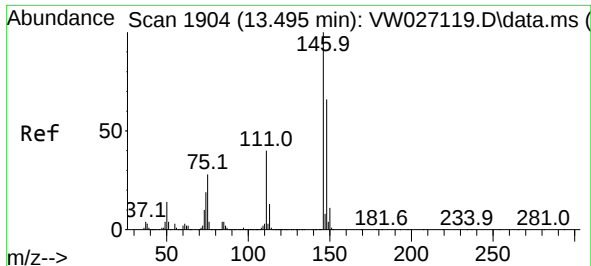
Tgt Ion:105 Resp: 828005

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2

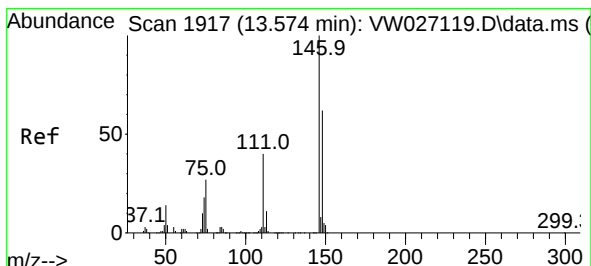
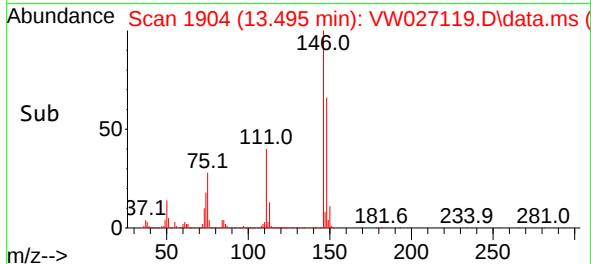
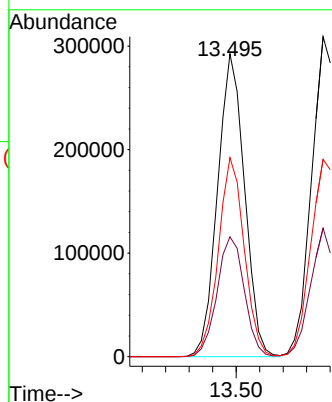
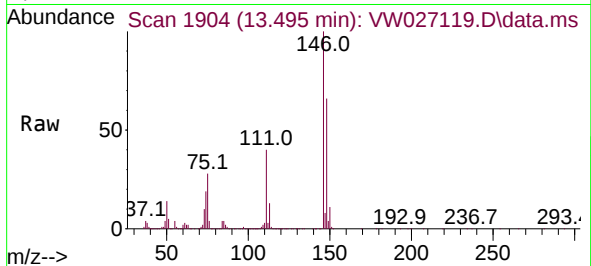




#64
1,3-Dichlorobenzene
Concen: 24.298 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

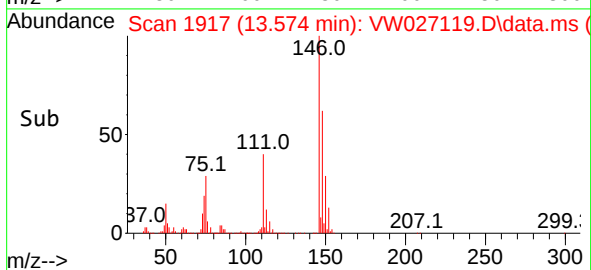
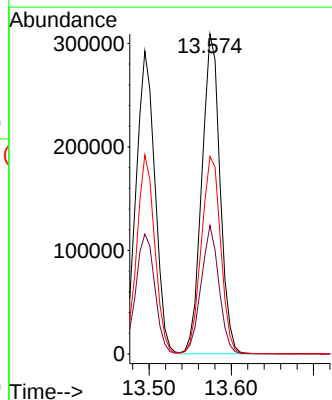
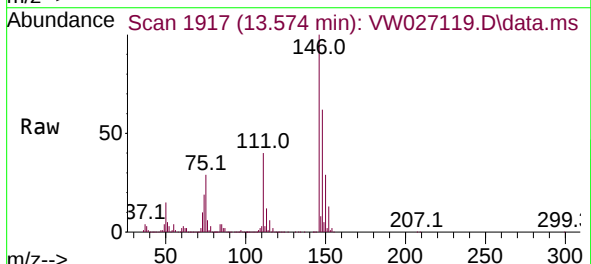
Instrument :
MSVOA_W
ClientSampleId :

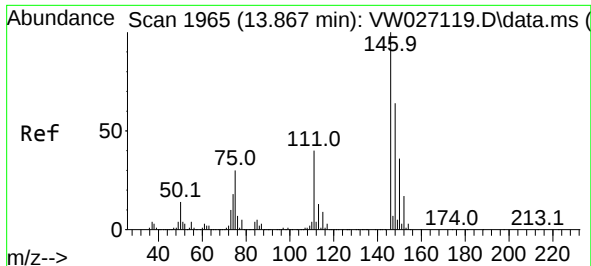
Tgt Ion:146 Resp: 466171
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.4
148 65.7 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 23.843 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027119.D
Acq: 18 Sep 2023 11:05

Tgt Ion:146 Resp: 475416
Ion Ratio Lower Upper
146 100
111 40.1 28.1 52.1
148 61.7 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 23.864 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :

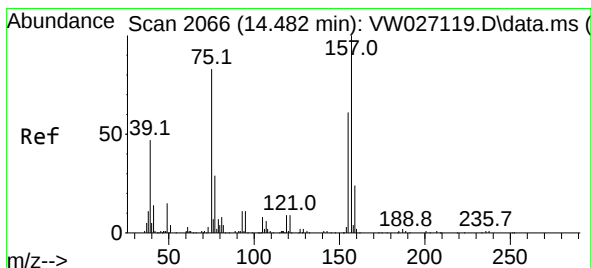
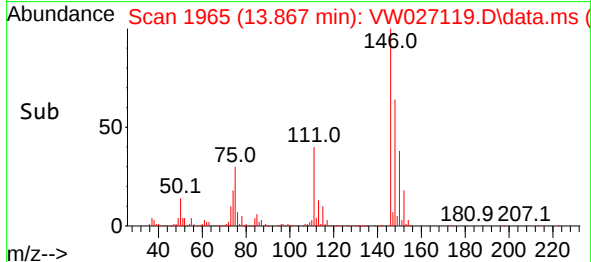
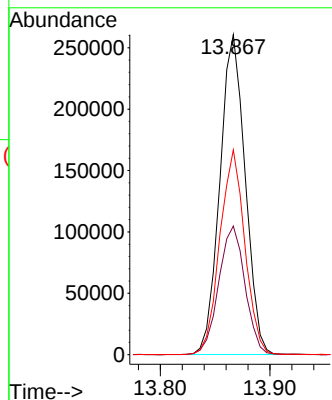
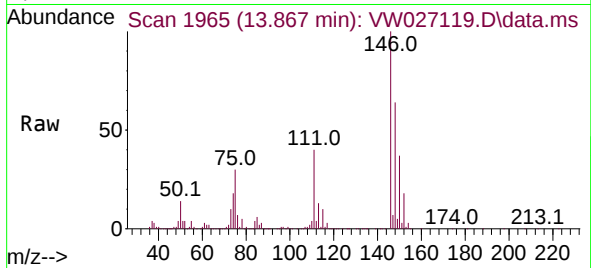
Tgt Ion:146 Resp: 418462

Ion Ratio Lower Upper

146 100

111 40.2 32.2 48.2

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.979 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

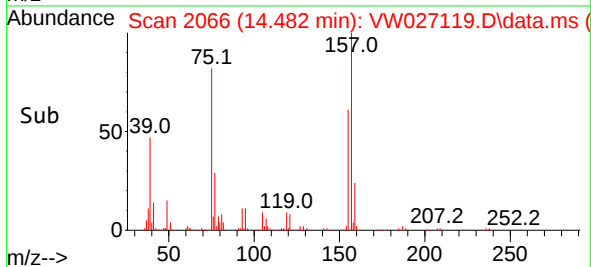
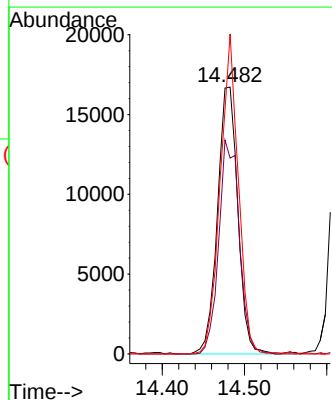
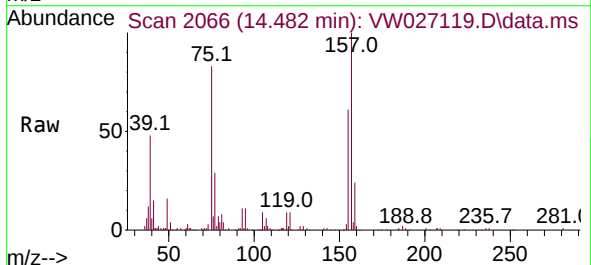
Tgt Ion: 75 Resp: 28739

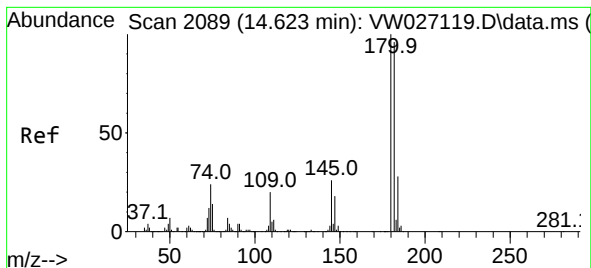
Ion Ratio Lower Upper

75 100

155 73.4 58.7 88.1

157 119.9 95.9 143.9





#69

1,3,5-Trichlorobenzene

Concen: 23.460 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

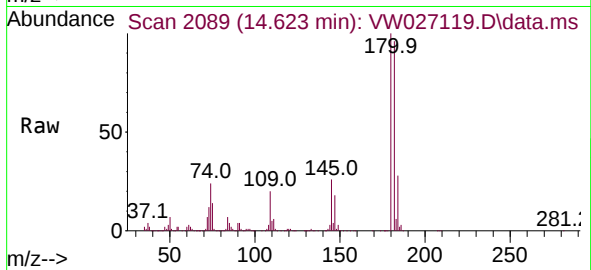
Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 323993

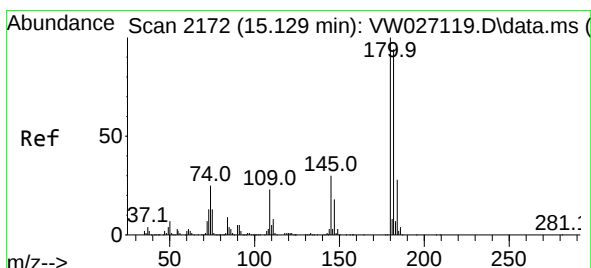
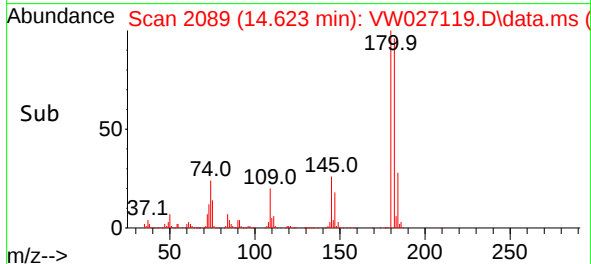
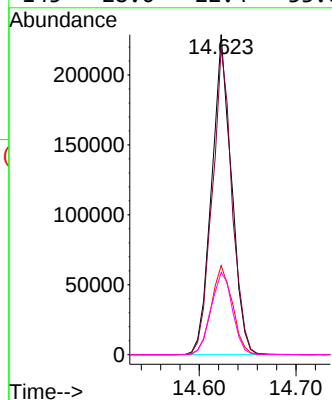
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

184 29.8 23.8 35.8

145 28.0 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 23.160 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

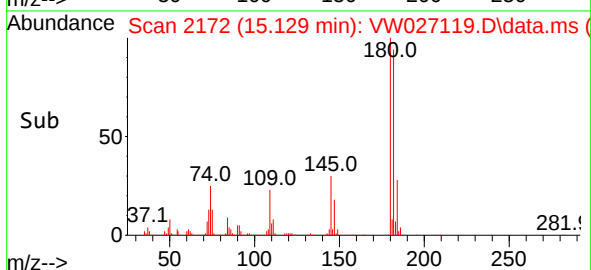
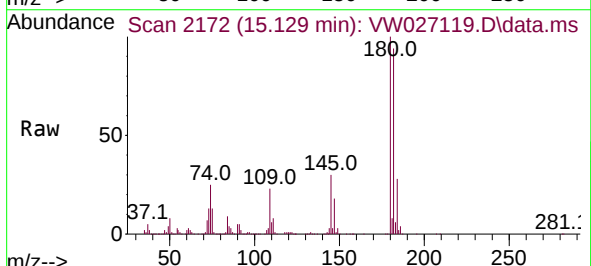
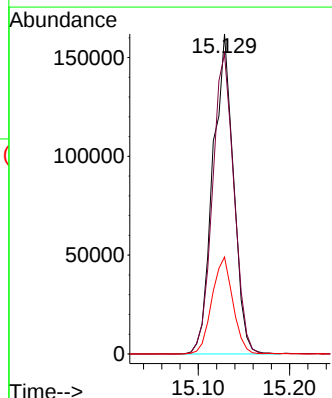
Tgt Ion:180 Resp: 253495

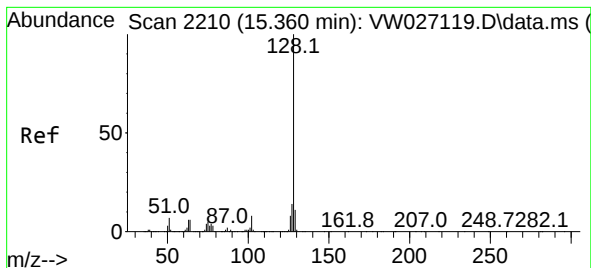
Ion Ratio Lower Upper

180 100

182 97.8 78.2 117.4

145 30.7 24.6 36.8





#71

Naphthalene

Concen: 24.621 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Instrument :

MSVOA_W

ClientSampleId :

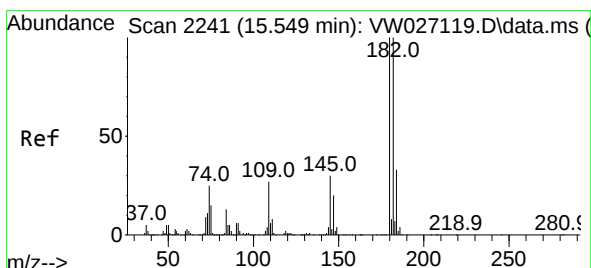
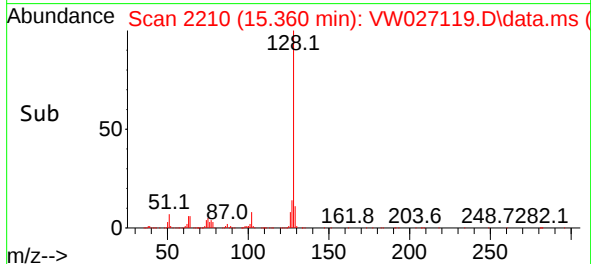
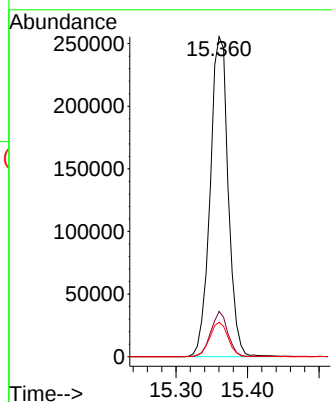
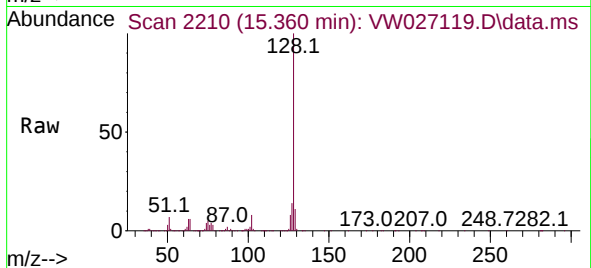
Tgt Ion:128 Resp: 448301

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.775 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027119.D

Acq: 18 Sep 2023 11:05

Tgt Ion:180 Resp: 225032

Ion Ratio Lower Upper

180 100

182 98.8 79.0 118.6

145 31.8 25.4 38.2

