

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027188.D
 Acq On : 27 Sep 2023 11:19
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 23:09:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	676662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	646939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	360217	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	238884	22.473	ug/L	0.00
7) Chloroethane-d5	2.899	69	188433	22.403	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	100421	22.735	ug/L	0.00
21) 2-Butanone-d5	7.075	46	102392	45.984	ug/L	0.00
24) Chloroform-d	7.648	84	457112	23.082	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	216705	22.833	ug/L	0.00
32) Benzene-d6	8.276	84	945074	23.836	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	279035	23.507	ug/L	0.00
41) Toluene-d8	10.325	98	855439	24.450	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	111399	23.914	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	92712	51.059	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216568	23.840	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	270649	22.409	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	204192	21.488	ug/L	100
3) Chloromethane	2.229	50	284699	23.990	ug/L	100
5) Vinyl chloride	2.375	62	310876	23.991	ug/L	100
6) Bromomethane	2.789	94	204800	23.990	ug/L	100
8) Chloroethane	2.936	64	191659	24.371	ug/L	100
9) Trichlorofluoromethane	3.271	101	269617	24.757	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	268875	24.026	ug/L	100
12) 1,1-Dichloroethene	4.045	96	254526	24.314	ug/L	100
13) Acetone	4.119	43	155736	57.344	ug/L	100
14) Carbon disulfide	4.393	76	845120	24.053	ug/L	100
15) Methyl Acetate	4.673	43	111956	24.595	ug/L	100
16) Methylene chloride	4.917	84	292017	22.045	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	277002	24.593	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	352475	25.007	ug/L	100
19) 1,1-Dichloroethane	6.216	63	508331	24.200	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	298715	24.879	ug/L	100
22) 2-Butanone	7.167	43	184769	55.950	ug/L	100
23) Bromochloromethane	7.514	128	132000	24.094	ug/L	100
25) Chloroform	7.679	83	500588	24.434	ug/L	100
27) 1,2-Dichloroethane	8.398	62	303051	24.147	ug/L	100
29) Cyclohexane	7.959	56	455785	26.481	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	404656	25.162	ug/L	100
31) Carbon tetrachloride	8.069	117	379426	24.979	ug/L	100
33) Benzene	8.325	78	1166780	25.517	ug/L	100
34) Trichloroethene	9.093	95	301061	25.213	ug/L	100
35) Methylcyclohexane	9.337	83	524259	26.104	ug/L	100
37) 1,2-Dichloropropane	9.368	63	297678	25.252	ug/L	100
38) Bromodichloromethane	9.648	83	356617	25.203	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	447717	25.790	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	305342	53.420	ug/L	100
42) Toluene	10.386	91	1208610	25.738	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	370403	26.034	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027188.D
 Acq On : 27 Sep 2023 11:19
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 23:09:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

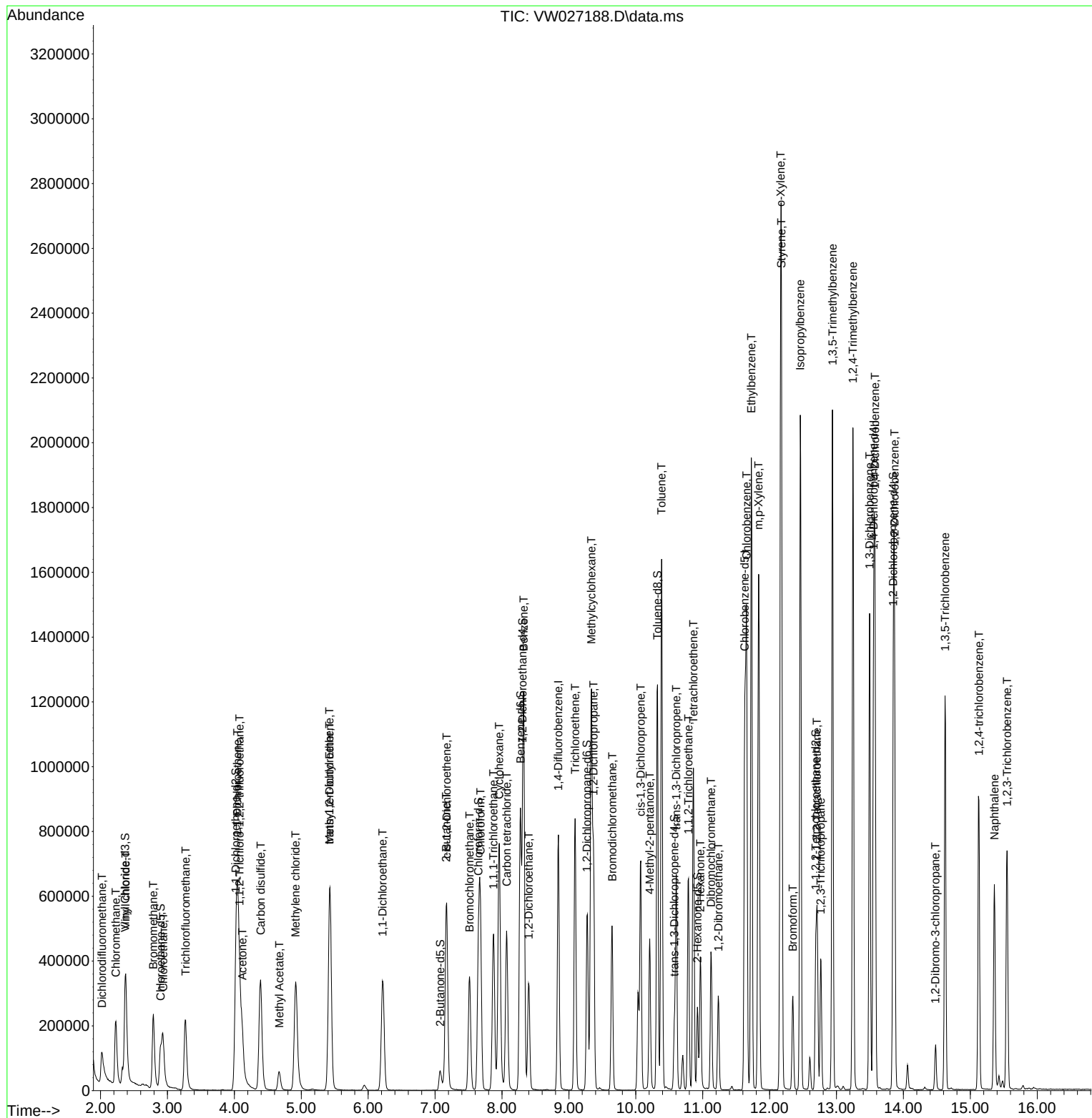
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	213765	25.072	ug/L	100
46) Tetrachloroethene	10.861	164	231953	24.712	ug/L	100
48) 2-Hexanone	10.965	43	257202	57.399	ug/L	100
49) Dibromochloromethane	11.123	129	237080	25.639	ug/L	100
50) 1,2-Dibromoethane	11.233	107	200729	25.371	ug/L	100
51) Chlorobenzene	11.654	112	770411	24.724	ug/L	100
52) Ethylbenzene	11.727	91	1396222	26.467	ug/L	100
53) m,p-Xylene	11.837	106	512821	25.352	ug/L	100
54) o-Xylene	12.166	106	495902	26.244	ug/L	100
55) Styrene	12.178	104	872470	26.823	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	258329	25.260	ug/L	100
59) Bromoform	12.349	173	144156	25.343	ug/L	100
60) Isopropylbenzene	12.459	105	1351970	25.488	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	180314	24.450	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1094187	26.311	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1088942	26.720	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	607769	24.826	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	587651	23.892	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	515463	24.022	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	38735	24.518	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	389622	24.716	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	306118	24.613	ug/L	100
71) Naphthalene	15.360	128	550968	25.108	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	260366	23.584	ug/L	100

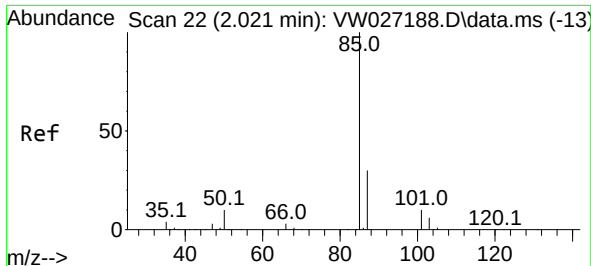
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027188.D
 Acq On : 27 Sep 2023 11:19
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 23:09:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

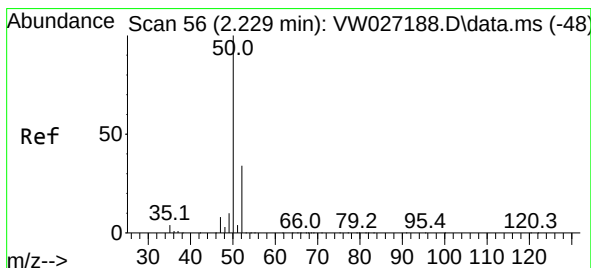
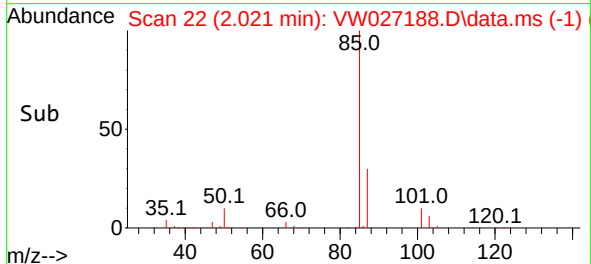
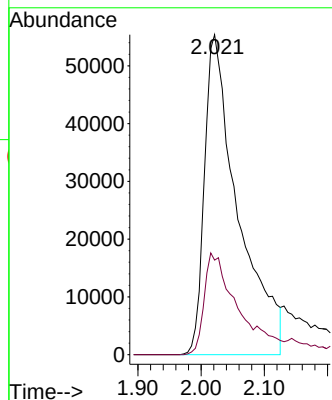
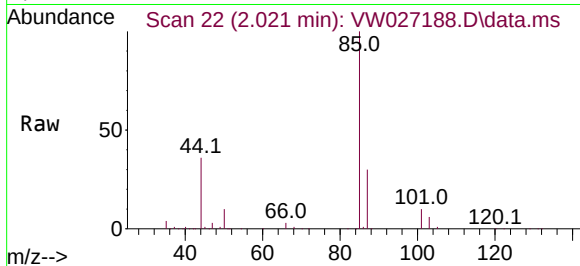




#2
Dichlorodifluoromethane
Concen: 21.488 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

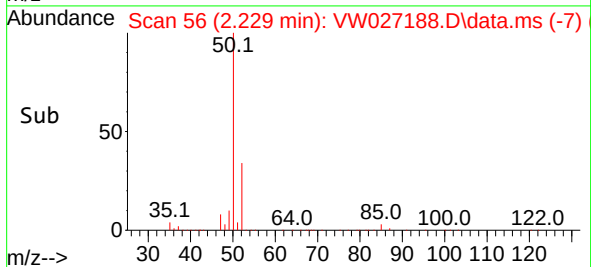
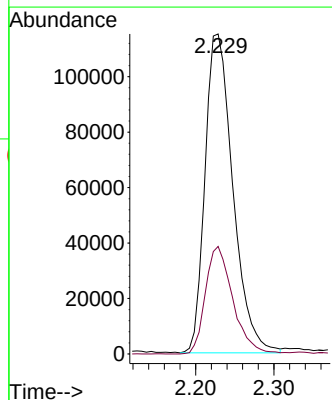
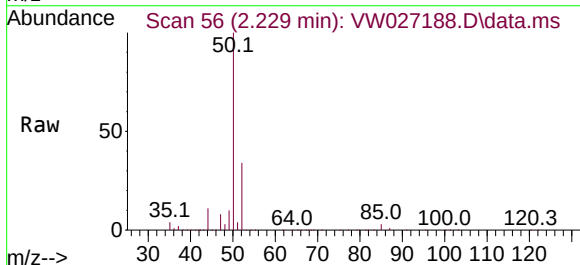
Instrument :
MSVOA_W
ClientSampleId :

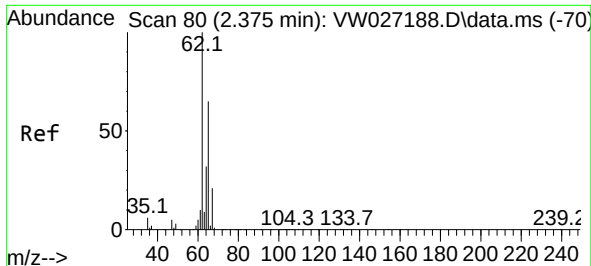
Tgt Ion: 85 Resp: 204192
Ion Ratio Lower Upper
85 100
87 27.6 22.1 33.1



#3
Chloromethane
Concen: 23.990 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion: 50 Resp: 284699
Ion Ratio Lower Upper
50 100
52 33.6 23.5 43.7

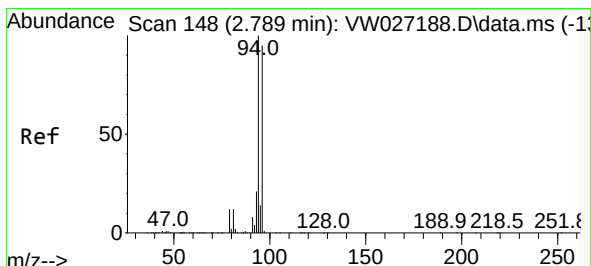
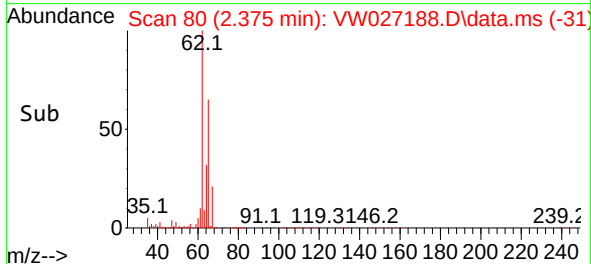
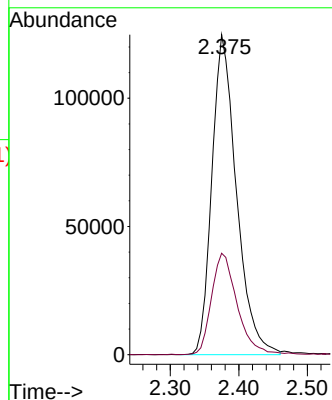
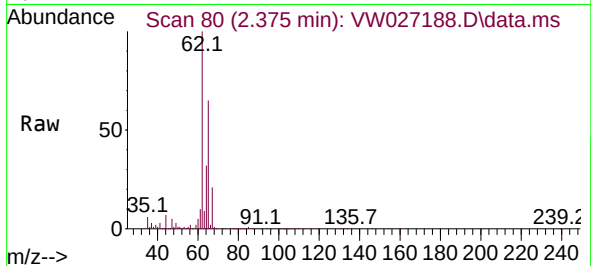




#5
 Vinyl chloride
 Concen: 23.991 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027188.D
 Acq: 27 Sep 2023 11:19

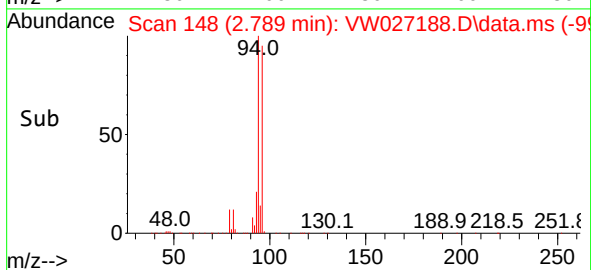
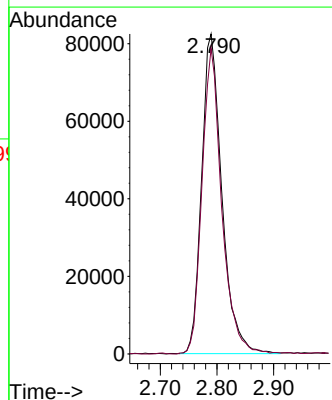
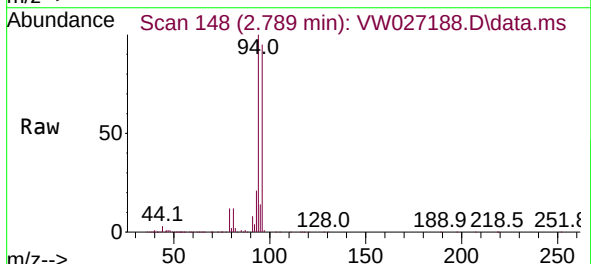
Instrument :
 MSVOA_W
 ClientSampleId :

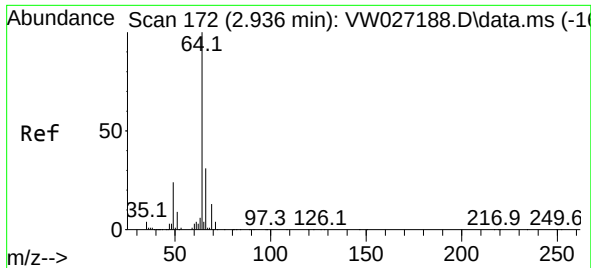
Tgt Ion: 62 Resp: 310876
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.2 41.2



#6
 Bromomethane
 Concen: 23.990 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027188.D
 Acq: 27 Sep 2023 11:19

Tgt Ion: 94 Resp: 204800
 Ion Ratio Lower Upper
 94 100
 96 95.4 66.8 124.0

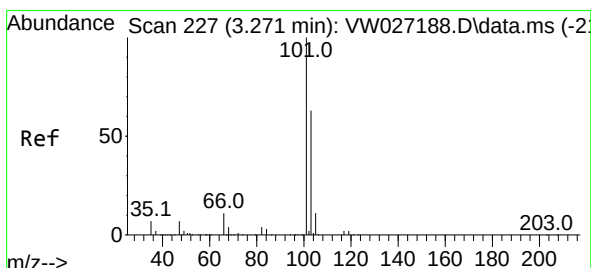
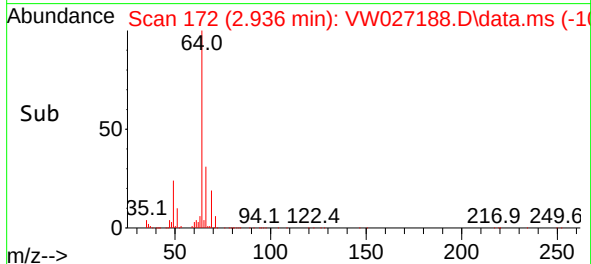
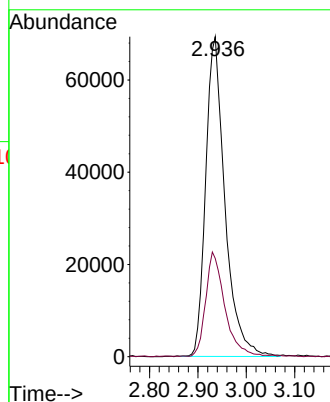
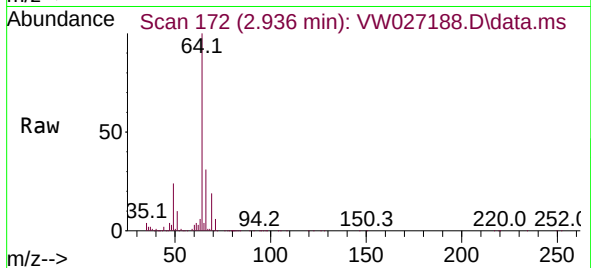




#8
Chloroethane
Concen: 24.371 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

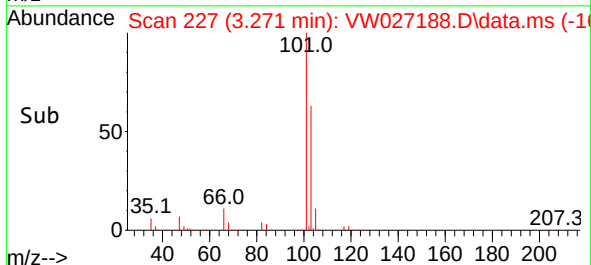
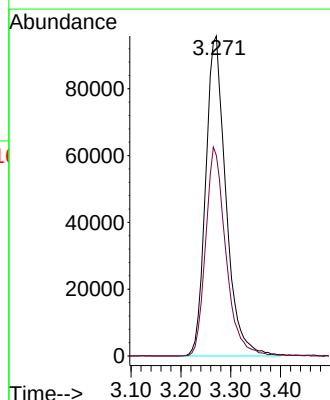
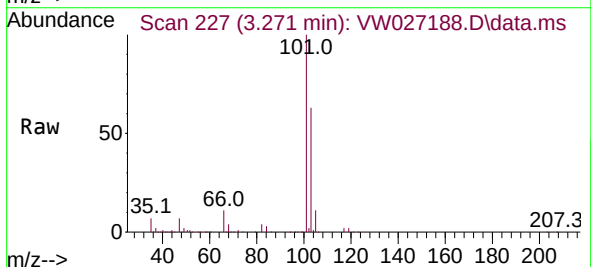
Instrument :
MSVOA_W
ClientSampleId :

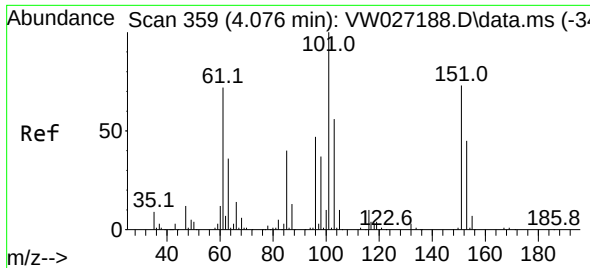
Tgt Ion: 64 Resp: 191659
Ion Ratio Lower Upper
64 100
66 30.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 24.757 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion:101 Resp: 269617
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

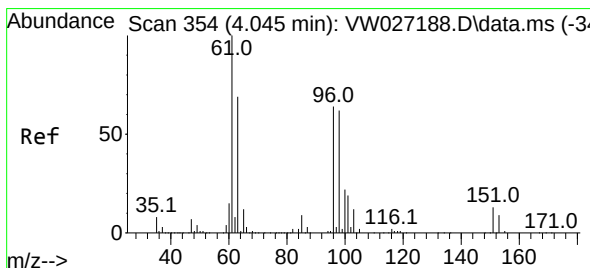
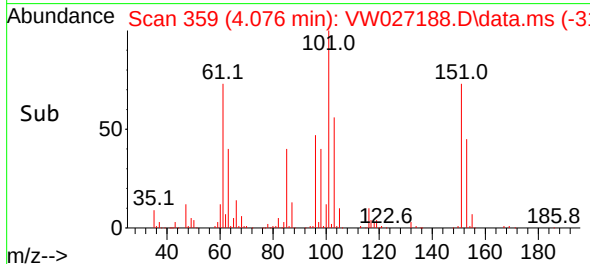
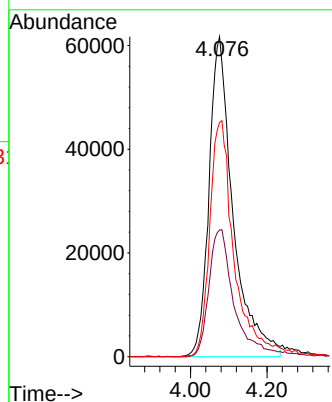
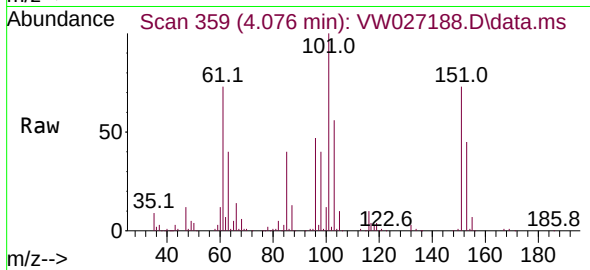




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.026 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027188.D
 Acq: 27 Sep 2023 11:19

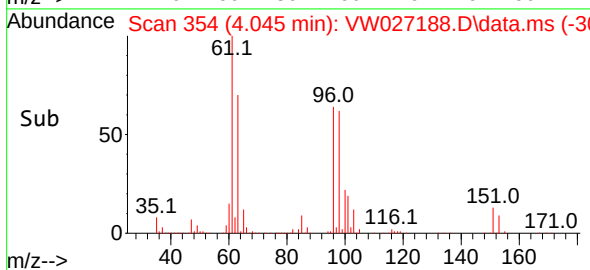
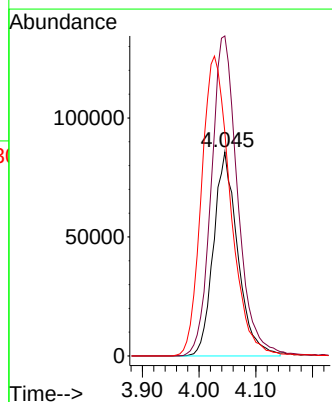
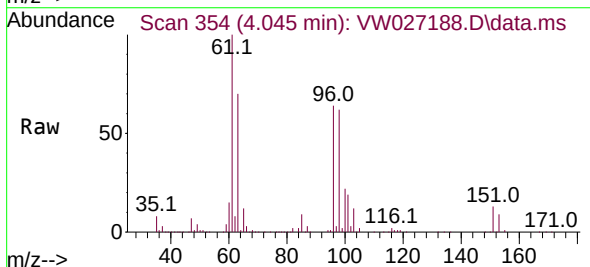
Instrument :
 MSVOA_W
 ClientSampleId :

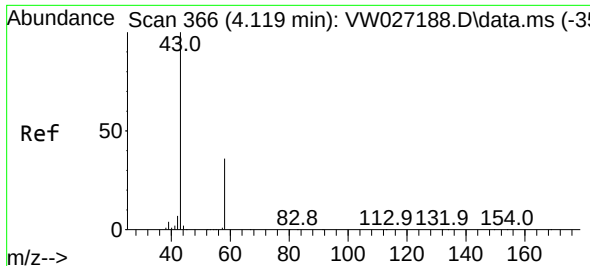
Tgt Ion:101 Resp: 268875
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.1 49.7
 151 73.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 24.314 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027188.D
 Acq: 27 Sep 2023 11:19

Tgt Ion: 96 Resp: 254526
 Ion Ratio Lower Upper
 96 100
 61 156.9 109.8 204.0
 63 109.8 76.9 142.7

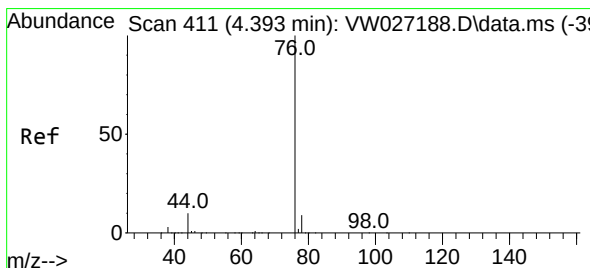
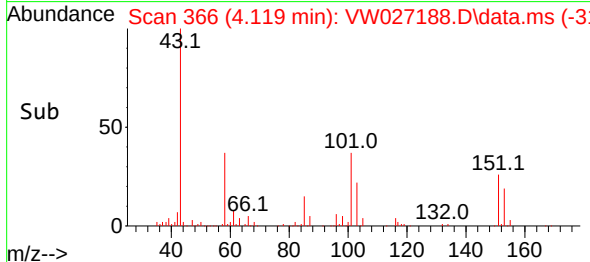
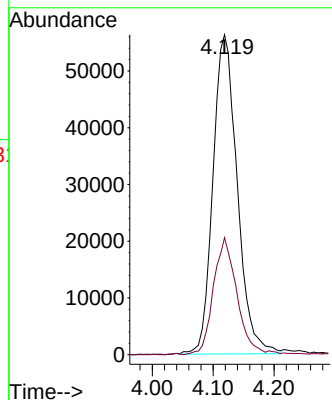
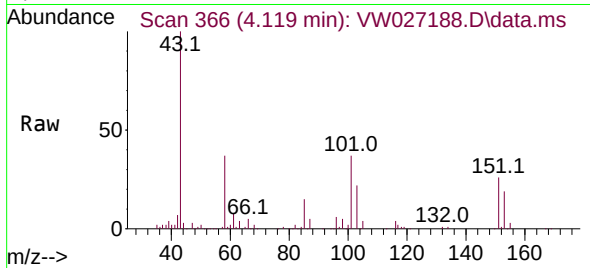




#13
Acetone
Concen: 57.344 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

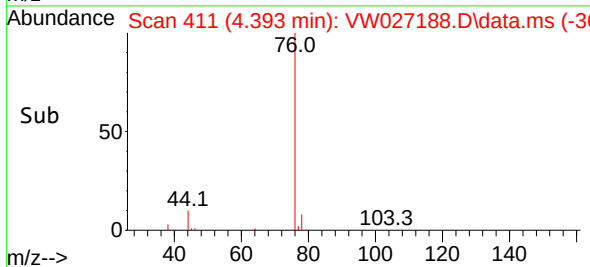
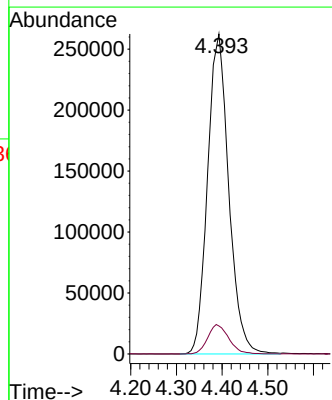
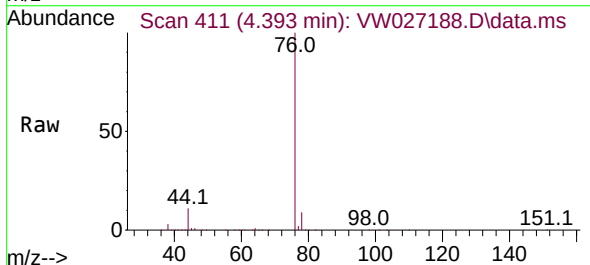
Instrument :
MSVOA_W
ClientSampleId :

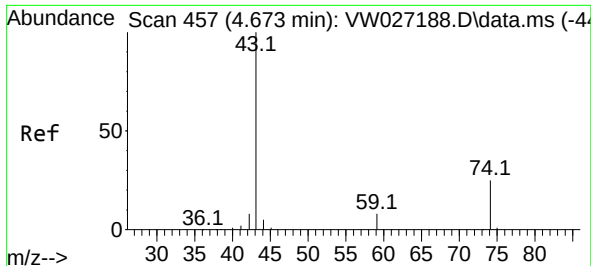
Tgt Ion: 43 Resp: 155736
Ion Ratio Lower Upper
43 100
58 35.2 0.0 70.4



#14
Carbon disulfide
Concen: 24.053 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion: 76 Resp: 845120
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

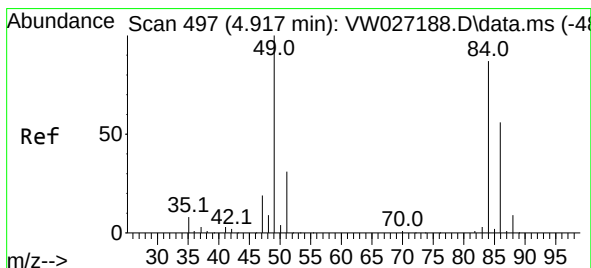
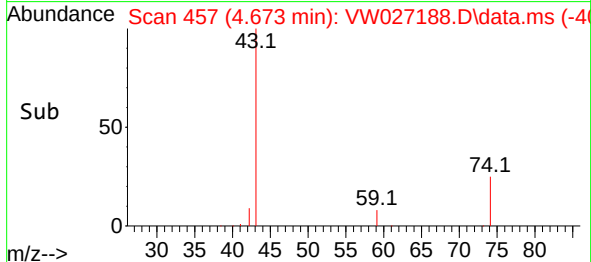
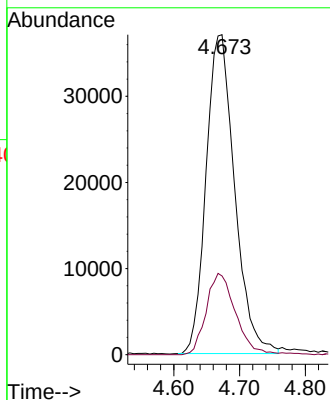
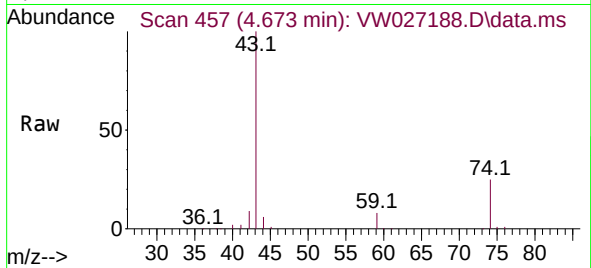




#15
Methyl Acetate
Concen: 24.595 ug/L
RT: 4.673 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

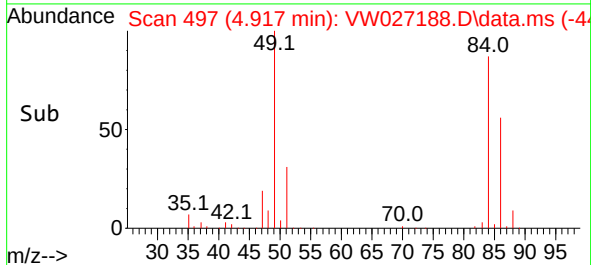
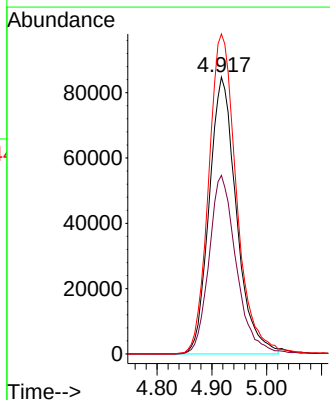
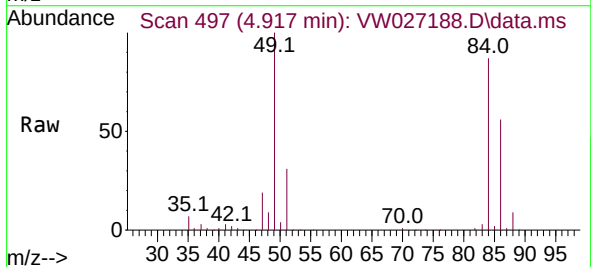
Instrument :
MSVOA_W
ClientSampleId :

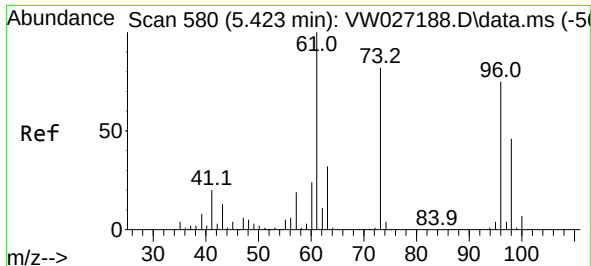
Tgt Ion: 43 Resp: 111956
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2



#16
Methylene chloride
Concen: 22.045 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion: 84 Resp: 292017
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 115.6 80.9 150.3





#17

trans-1,2-Dichloroethene

Concen: 24.593 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

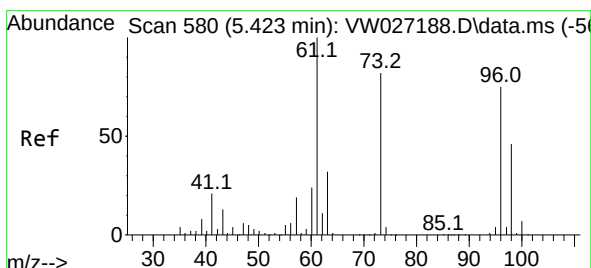
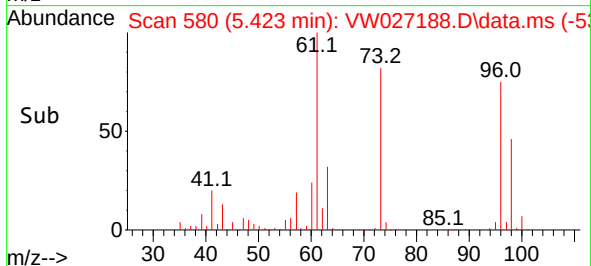
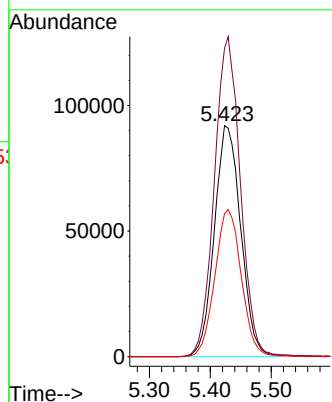
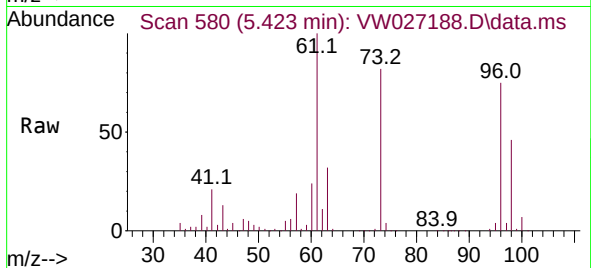
Tgt Ion: 96 Resp: 277002

Ion Ratio Lower Upper

96 100

61 133.6 93.5 173.7

98 61.9 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 25.007 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

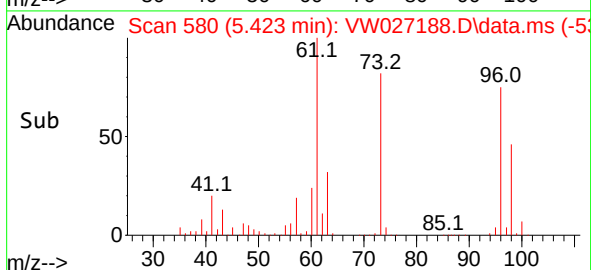
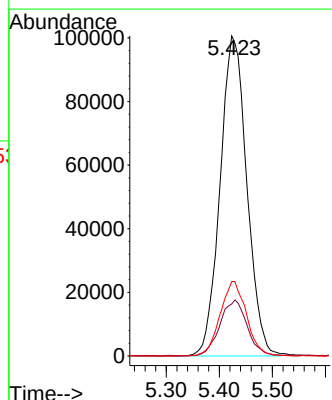
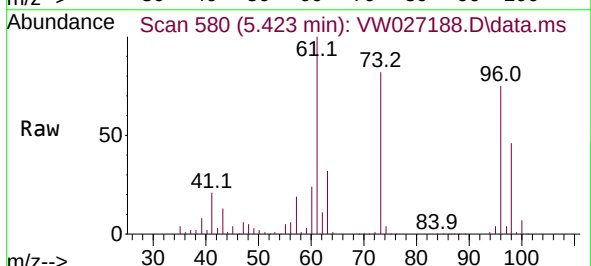
Tgt Ion: 73 Resp: 352475

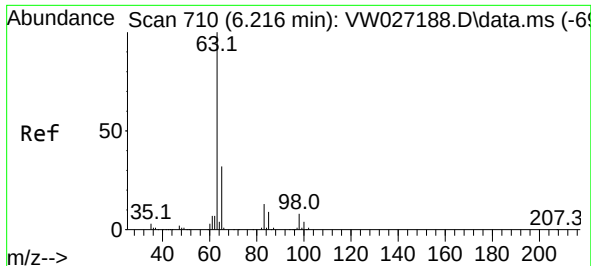
Ion Ratio Lower Upper

73 100

43 17.7 14.2 21.2

57 22.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 24.200 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

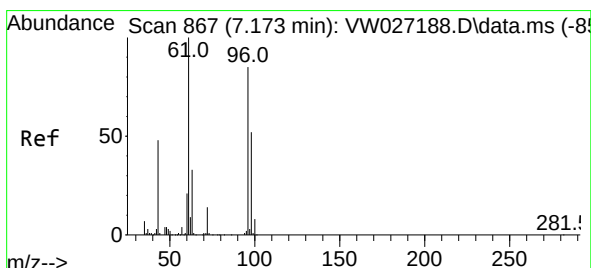
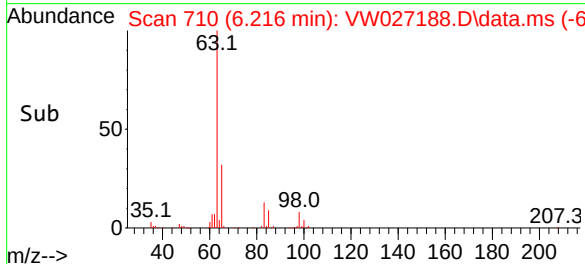
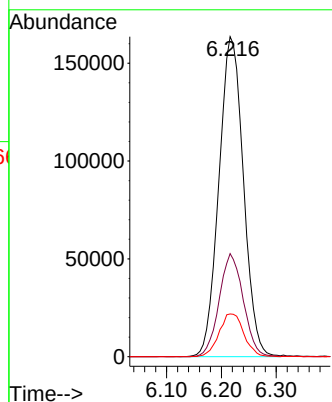
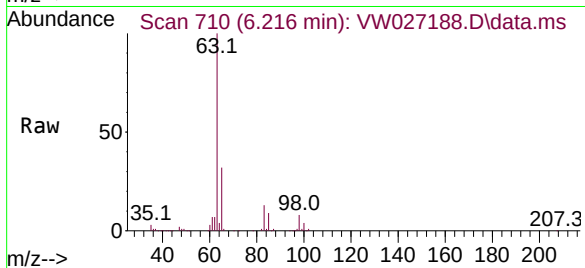
Tgt Ion: 63 Resp: 508331

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 24.879 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

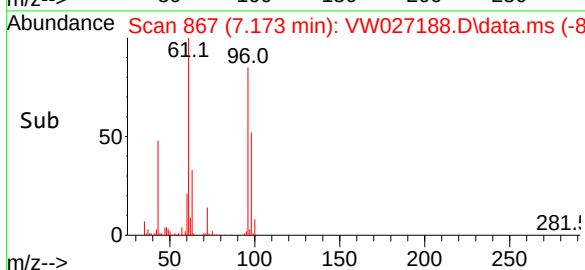
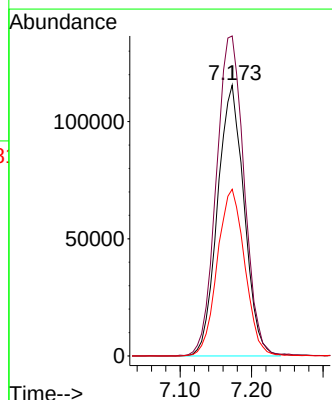
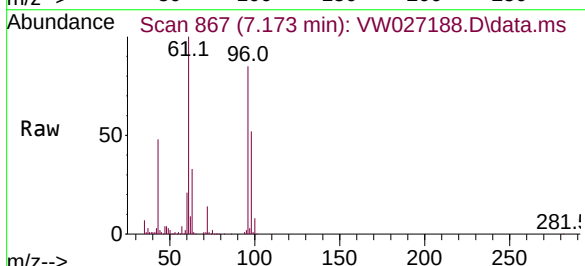
Tgt Ion: 96 Resp: 298715

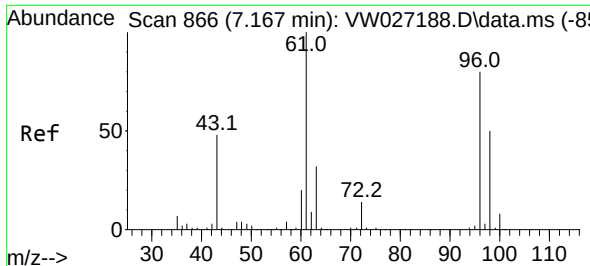
Ion Ratio Lower Upper

96 100

61 118.1 82.7 153.5

98 61.5 43.0 80.0

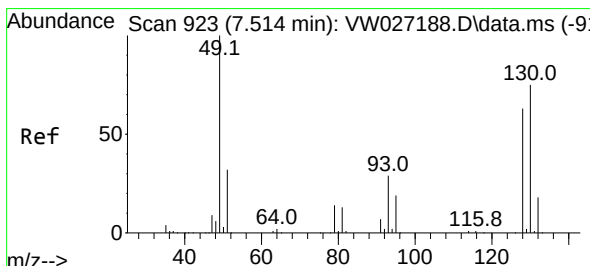
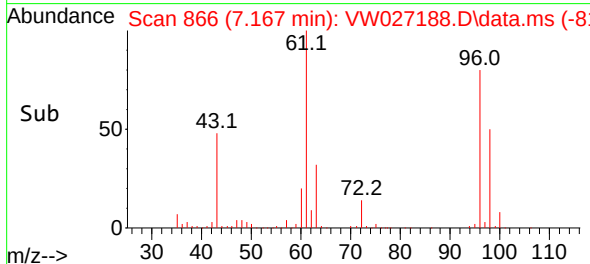
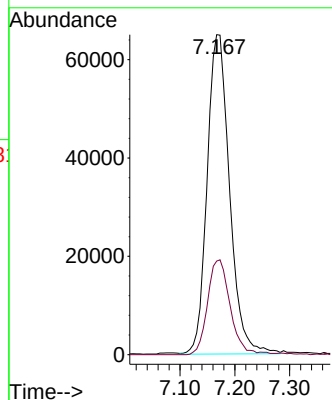
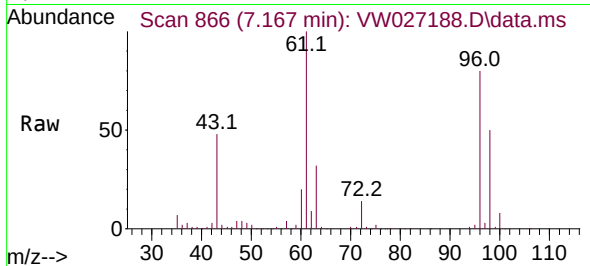




#22
2-Butanone
Concen: 55.950 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

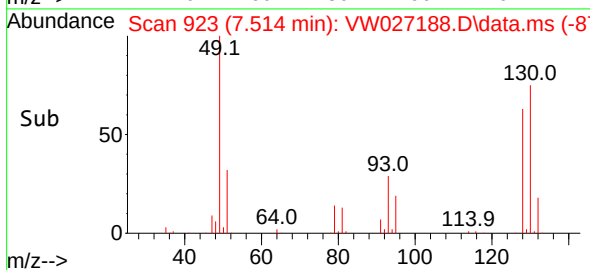
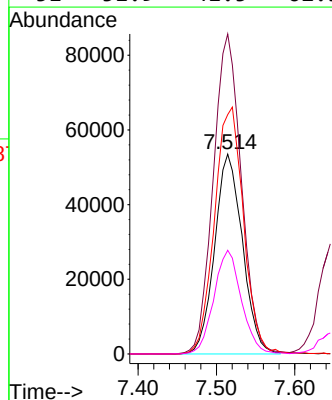
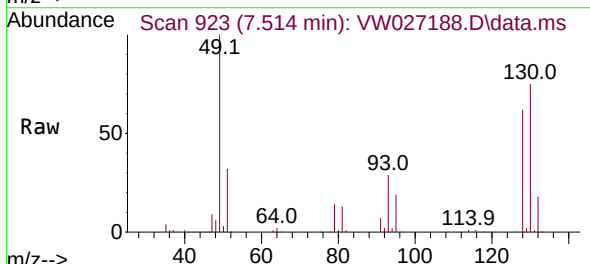
Instrument :
MSVOA_W
ClientSampleId :

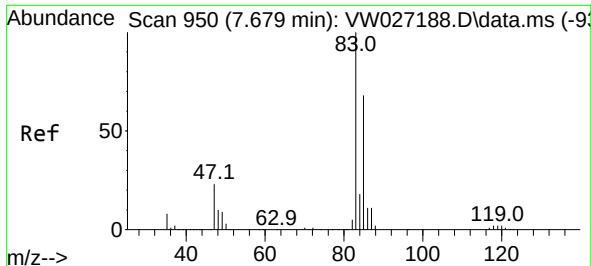
Tgt Ion: 43 Resp: 184769
Ion Ratio Lower Upper
43 100
72 29.3 14.6 44.0



#23
Bromochloromethane
Concen: 24.094 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion:128 Resp: 132000
Ion Ratio Lower Upper
128 100
49 160.1 112.1 208.1
130 119.8 83.9 155.7
51 51.9 41.5 62.3

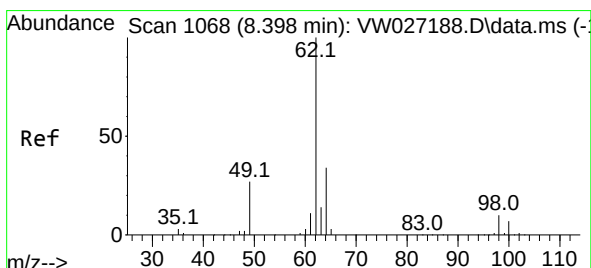
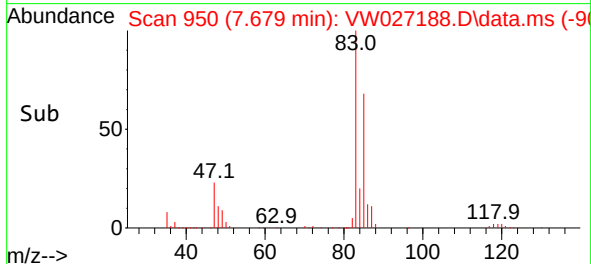
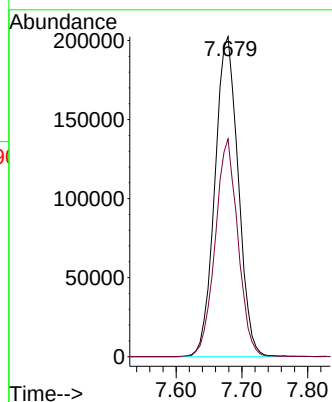
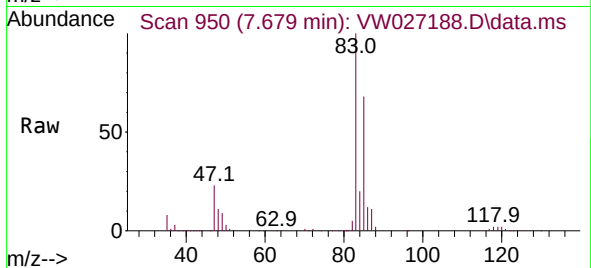




#25
Chloroform
Concen: 24.434 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

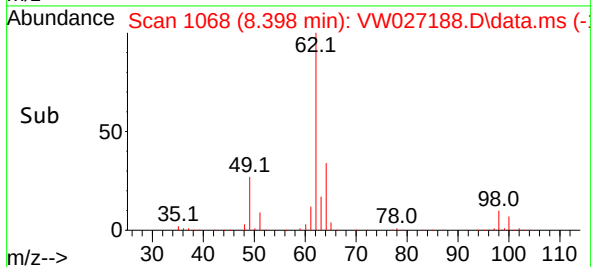
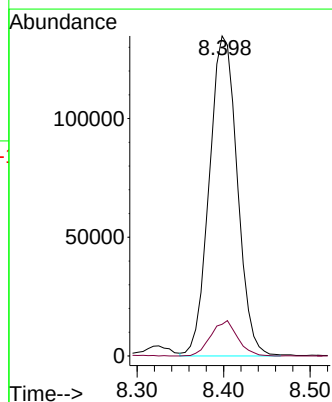
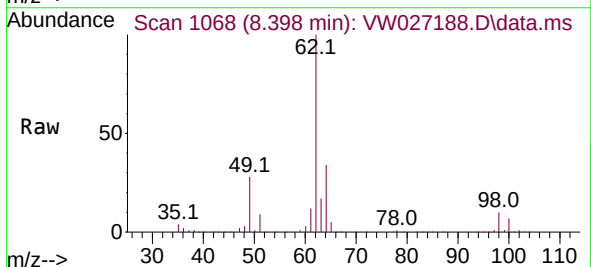
Instrument :
MSVOA_W
ClientSampleId :

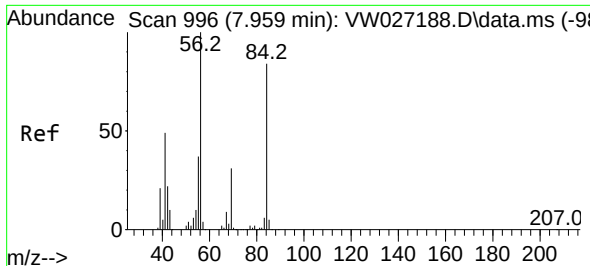
Tgt Ion: 83 Resp: 500588
Ion Ratio Lower Upper
83 100
85 68.1 47.7 88.5



#27
1,2-Dichloroethane
Concen: 24.147 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

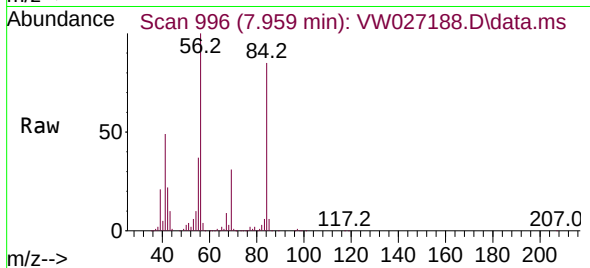
Tgt Ion: 62 Resp: 303051
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9



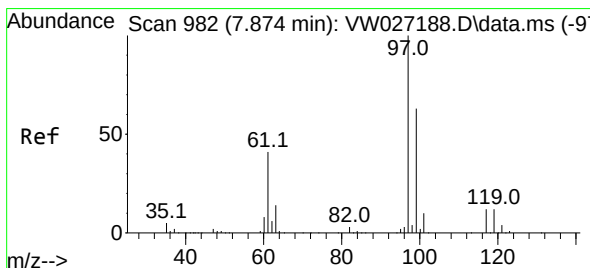
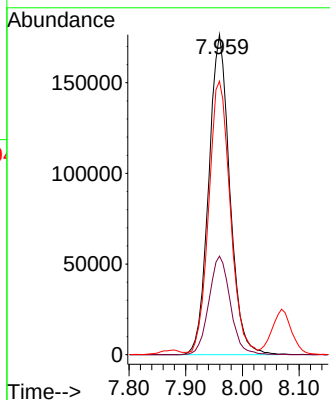
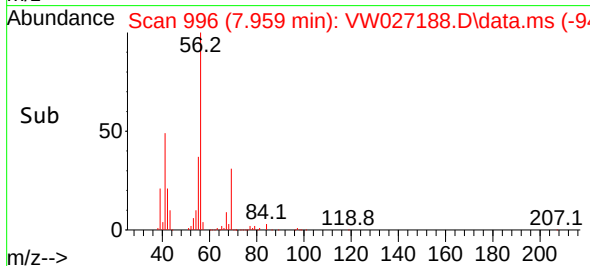


#29
Cyclohexane
Concen: 26.481 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Instrument :
MSVOA_W
ClientSampleId :

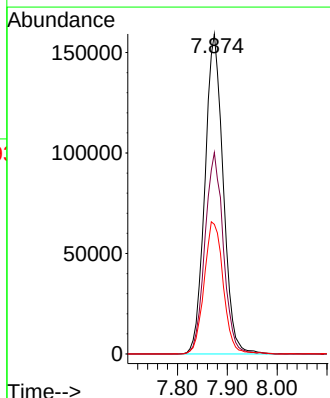
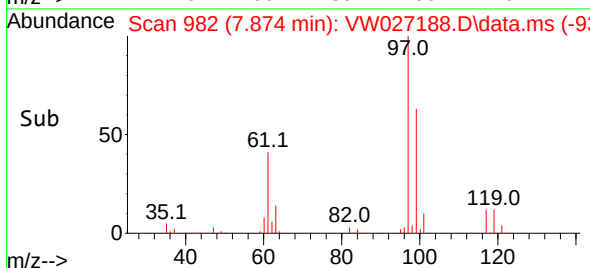
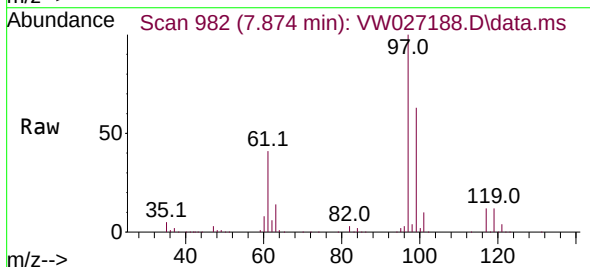


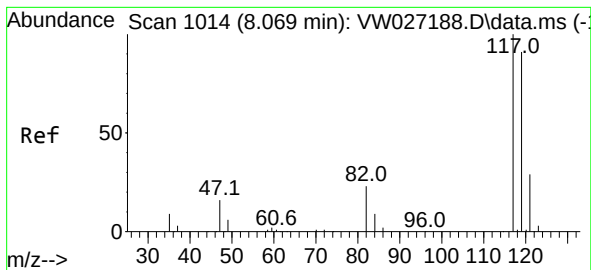
Tgt Ion: 56 Resp: 455785
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.4
84 87.4 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 25.162 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion: 97 Resp: 404656
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 43.3 34.6 52.0





#31

Carbon tetrachloride

Concen: 24.979 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

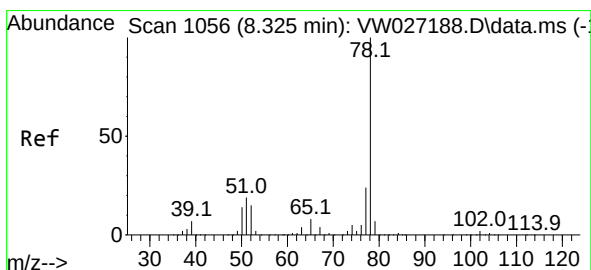
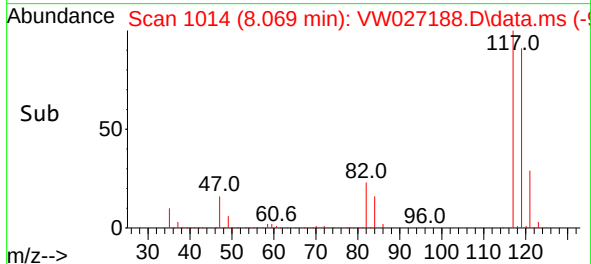
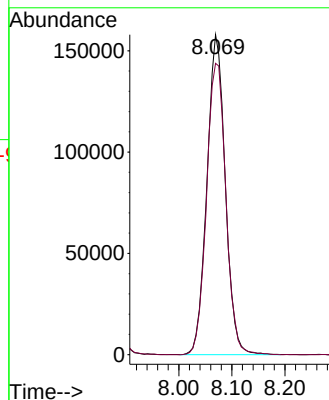
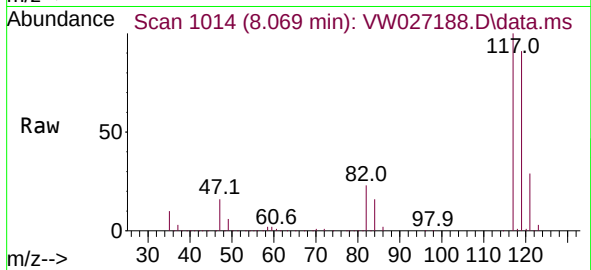
ClientSampleId :

Tgt Ion:117 Resp: 379426

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6



#33

Benzene

Concen: 25.517 ug/L

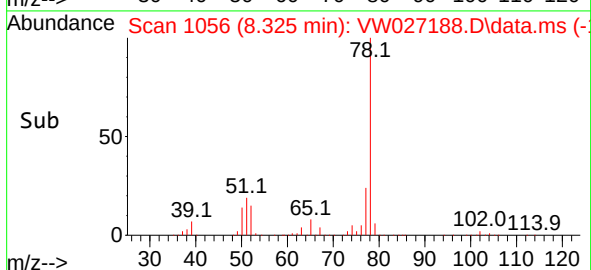
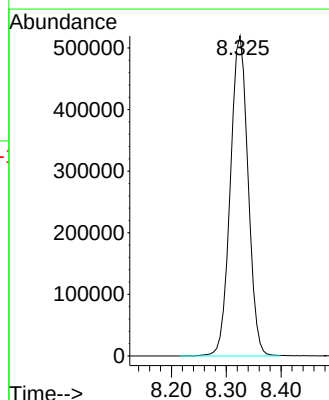
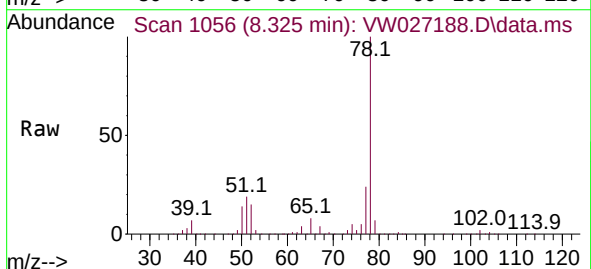
RT: 8.325 min Scan# 1056

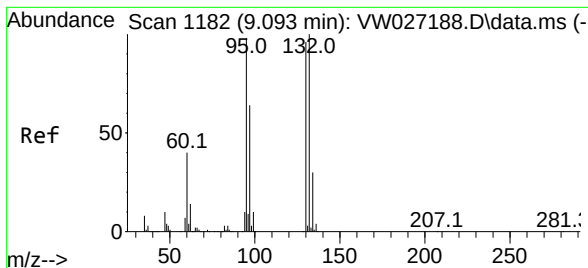
Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Tgt Ion: 78 Resp: 1166780





#34

Trichloroethene

Concen: 25.213 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

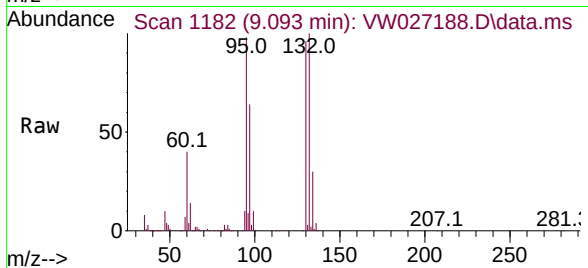
Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 301061

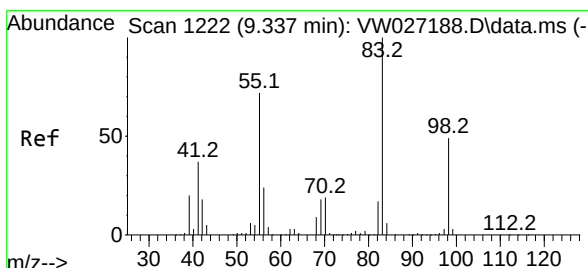
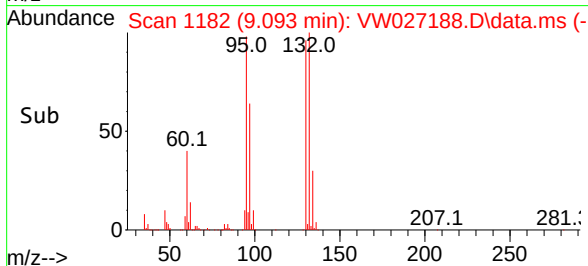
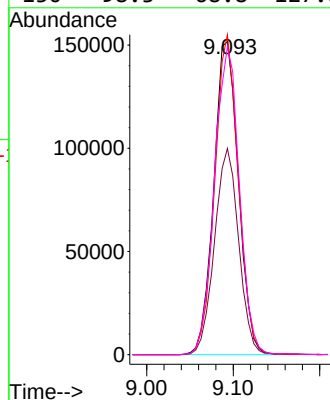
Ion Ratio Lower Upper

95 100

97 65.9 46.1 85.7

132 102.2 71.5 132.9

130 98.3 68.8 127.8



#35

Methylcyclohexane

Concen: 26.104 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

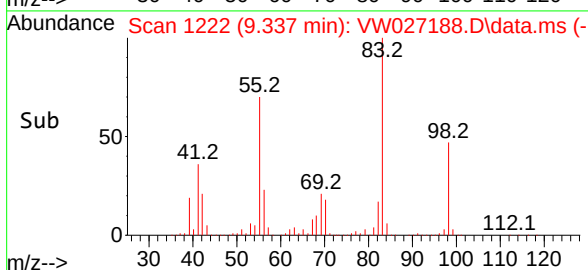
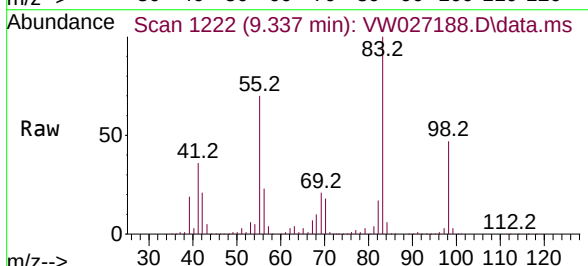
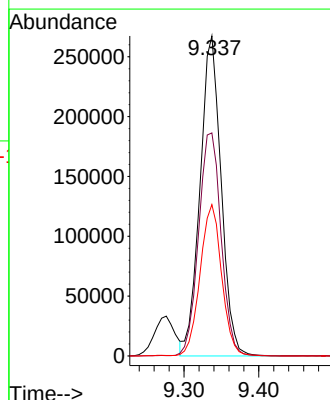
Tgt Ion: 83 Resp: 524259

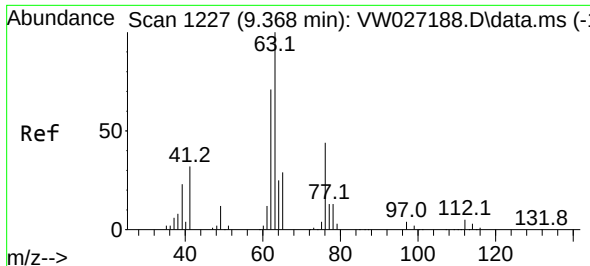
Ion Ratio Lower Upper

83 100

55 73.9 59.1 88.7

98 48.3 38.6 58.0





#37

1,2-Dichloropropane

Concen: 25.252 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

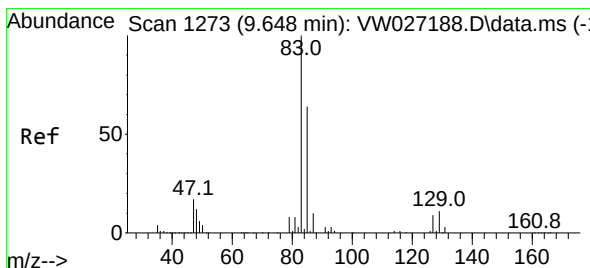
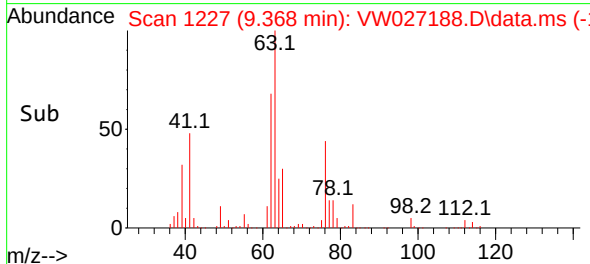
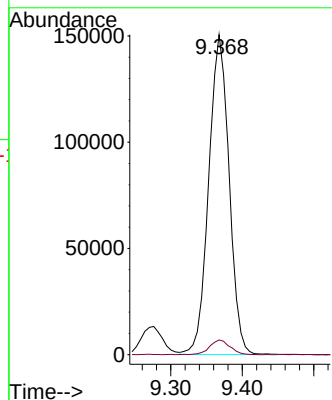
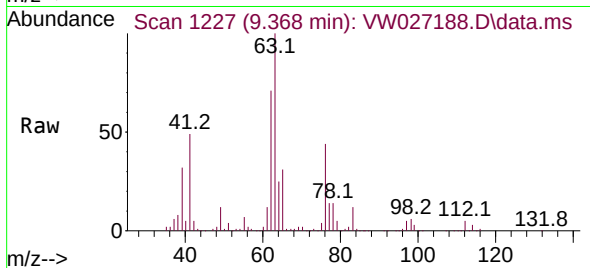
ClientSampleId :

Tgt Ion: 63 Resp: 297678

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 25.203 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

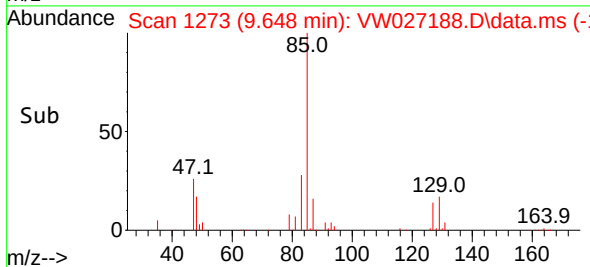
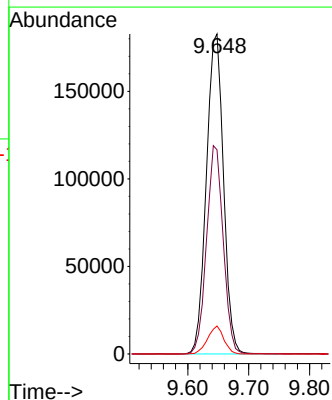
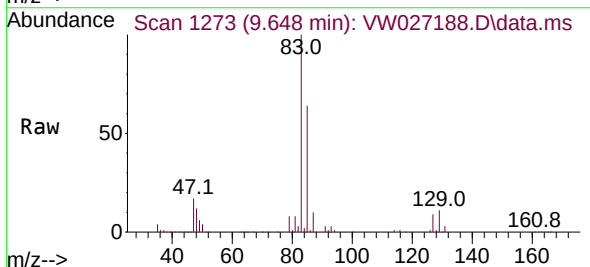
Tgt Ion: 83 Resp: 356617

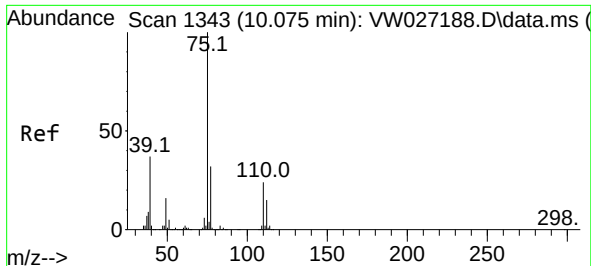
Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

127 8.8 7.0 10.6

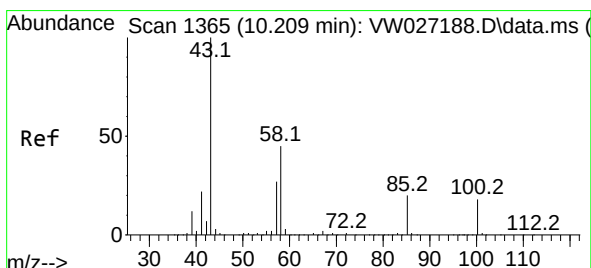
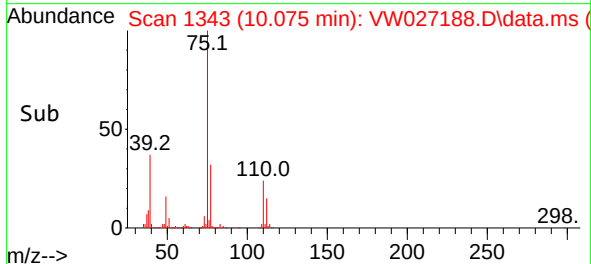
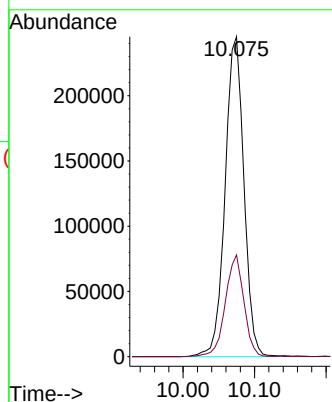
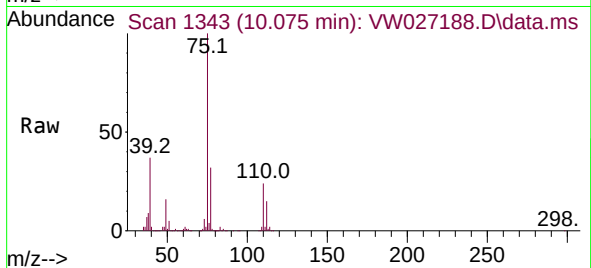




#39
 cis-1,3-Dichloropropene
 Concen: 25.790 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW027188.D
 Acq: 27 Sep 2023 11:19

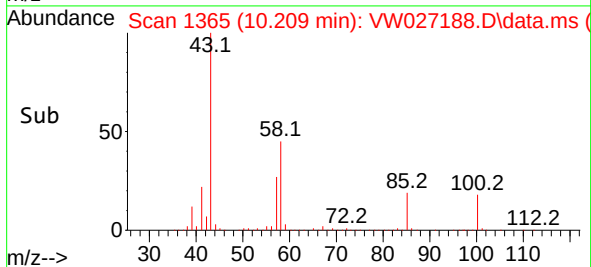
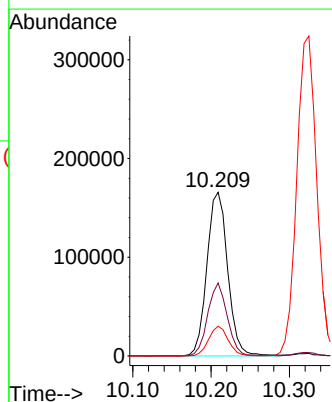
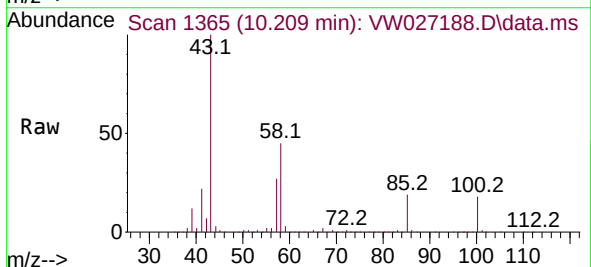
Instrument :
 MSVOA_W
 ClientSampleId :

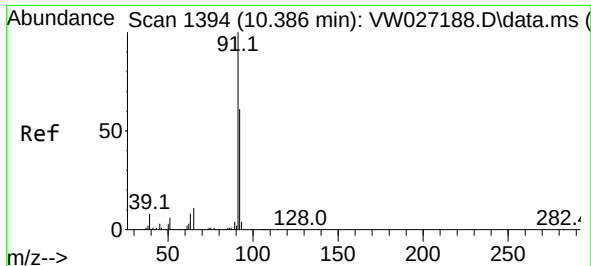
Tgt Ion: 75 Resp: 447717
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 53.420 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW027188.D
 Acq: 27 Sep 2023 11:19

Tgt Ion: 43 Resp: 305342
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.8 50.6
 100 17.1 13.7 20.5

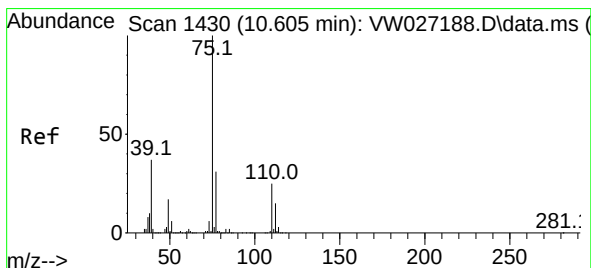
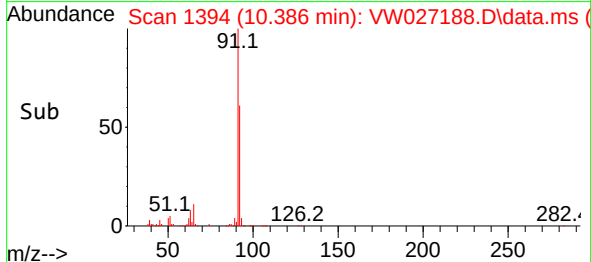
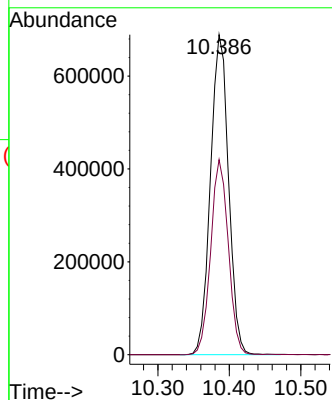
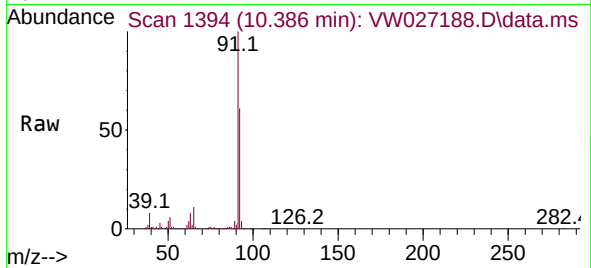




#42
Toluene
Concen: 25.738 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

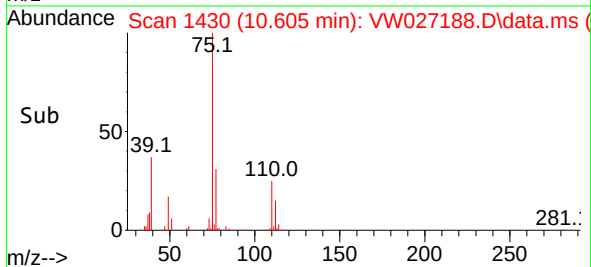
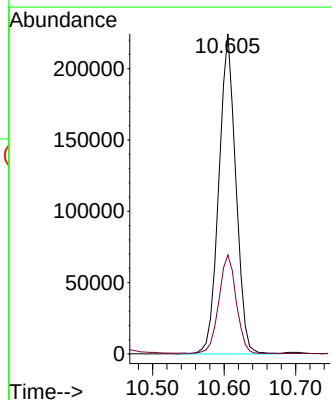
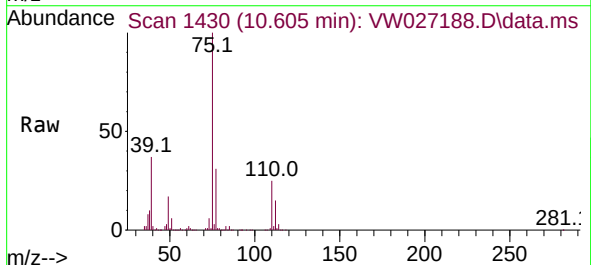
Instrument :
MSVOA_W
ClientSampleId :

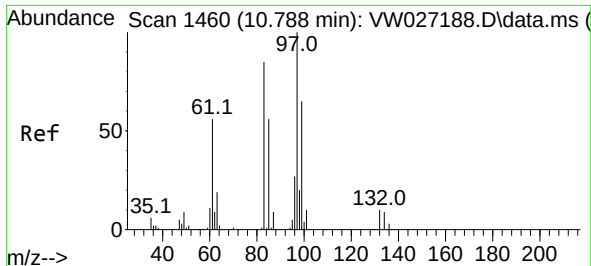
Tgt Ion: 91 Resp: 1208610
Ion Ratio Lower Upper
91 100
92 60.9 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 26.034 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion: 75 Resp: 370403
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 25.072 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 213765

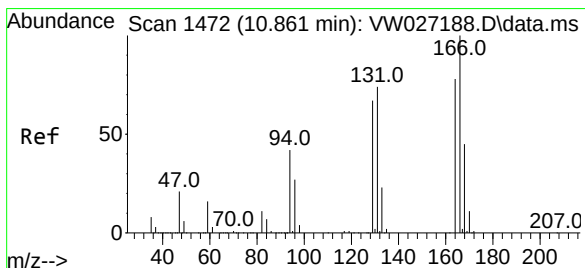
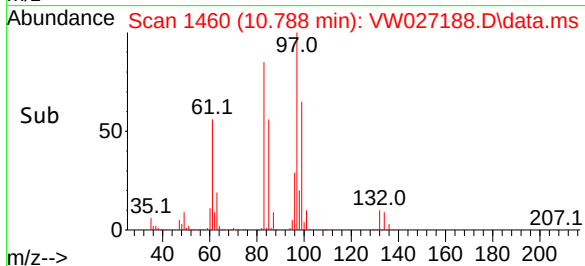
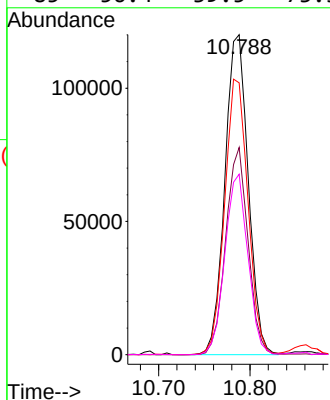
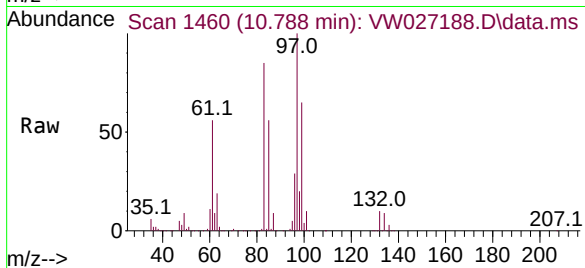
Ion Ratio Lower Upper

97 100

99 64.7 45.3 84.1

83 85.0 59.5 110.5

85 56.4 39.5 73.3



#46

Tetrachloroethene

Concen: 24.712 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Tgt Ion:164 Resp: 231953

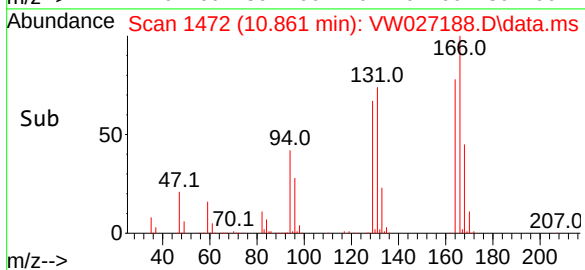
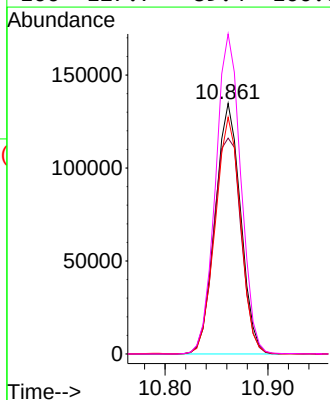
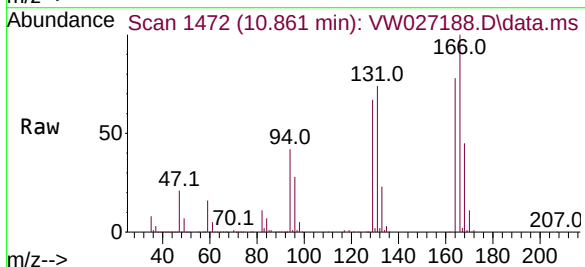
Ion Ratio Lower Upper

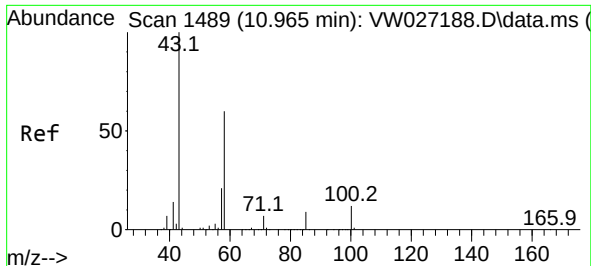
164 100

129 86.2 60.3 112.1

131 94.4 66.1 122.7

166 127.7 89.4 166.0

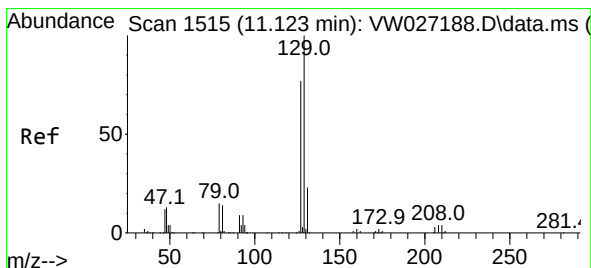
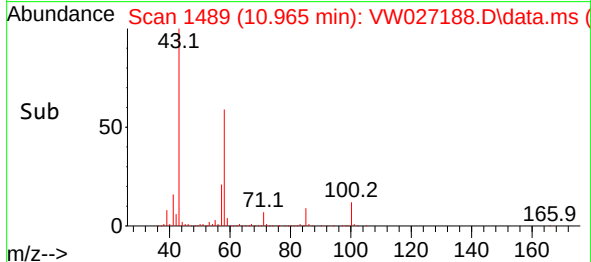
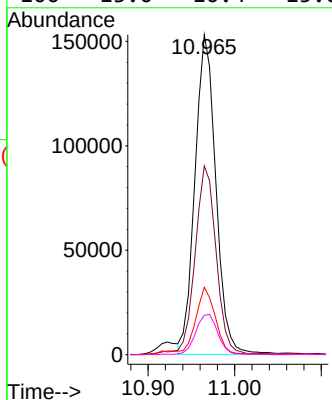
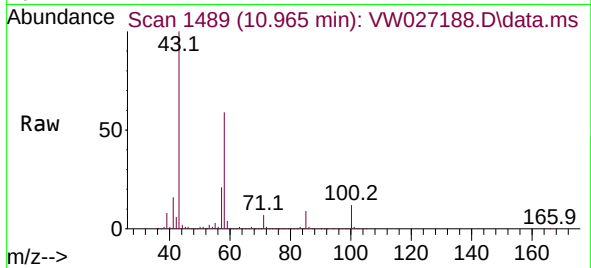




#48
2-Hexanone
Concen: 57.399 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

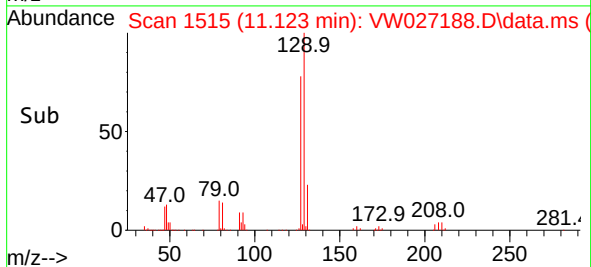
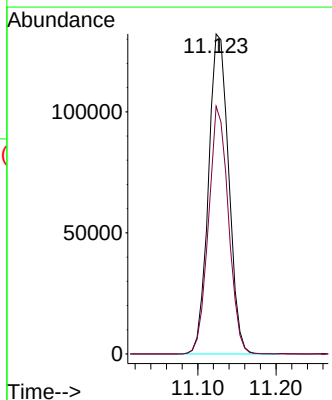
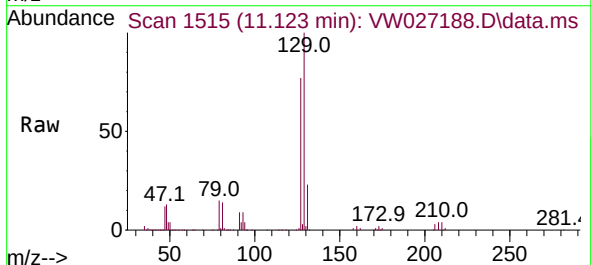
Instrument :
MSVOA_W
ClientSampleId :

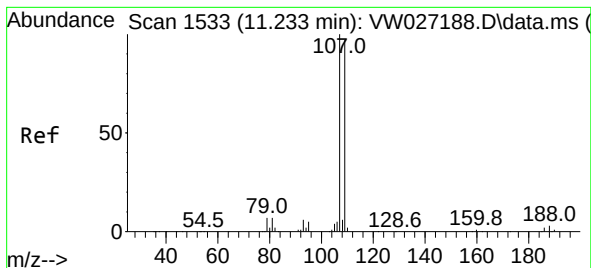
Tgt Ion: 43 Resp: 257202
Ion Ratio Lower Upper
43 100
58 59.0 47.2 70.8
57 19.9 15.9 23.9
100 13.0 10.4 15.6



#49
Dibromochloromethane
Concen: 25.639 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion:129 Resp: 237080
Ion Ratio Lower Upper
129 100
127 77.4 54.2 100.6





#50

1,2-Dibromoethane

Concen: 25.371 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

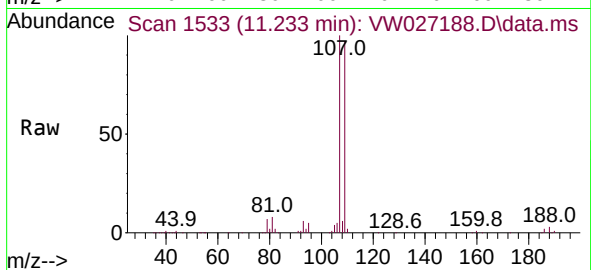
Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :



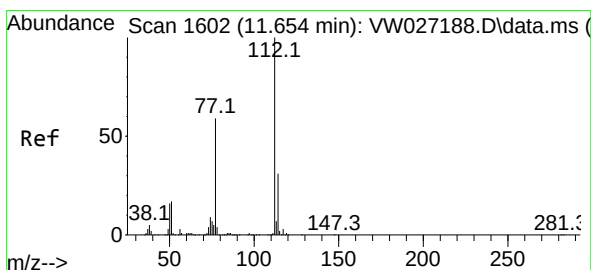
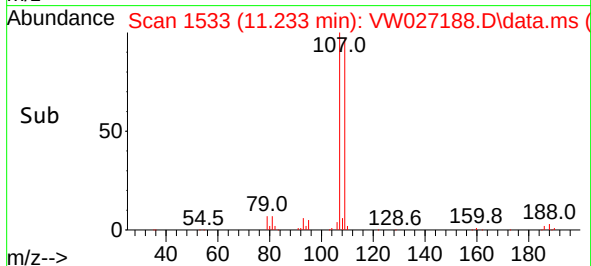
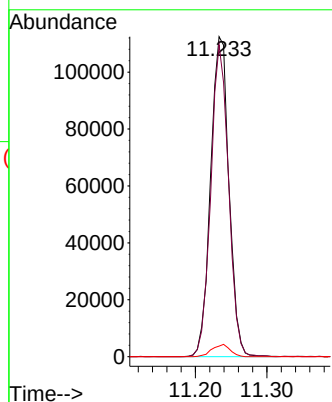
Tgt Ion:107 Resp: 200729

Ion Ratio Lower Upper

107 100

109 97.4 68.2 126.6

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 24.724 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

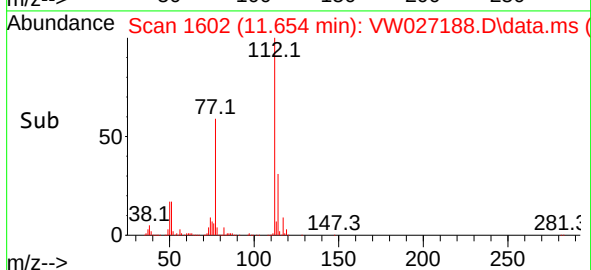
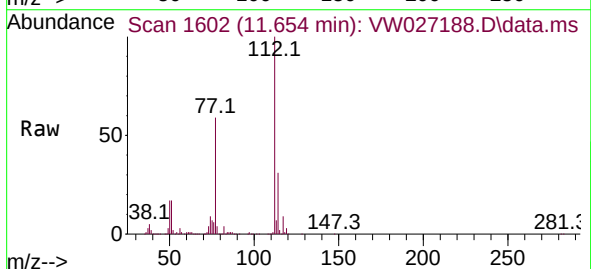
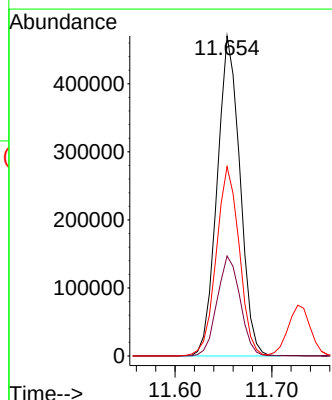
Tgt Ion:112 Resp: 770411

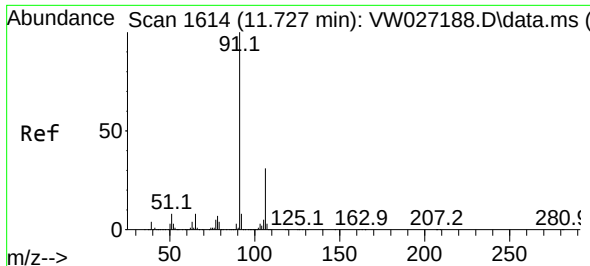
Ion Ratio Lower Upper

112 100

114 31.3 21.9 40.7

77 59.2 47.4 71.0

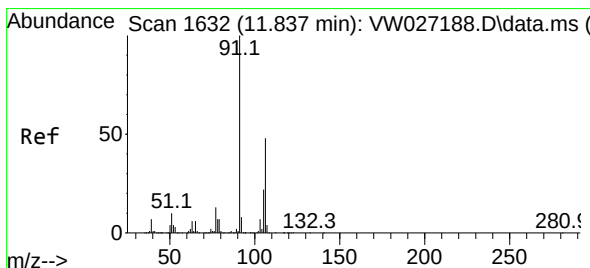
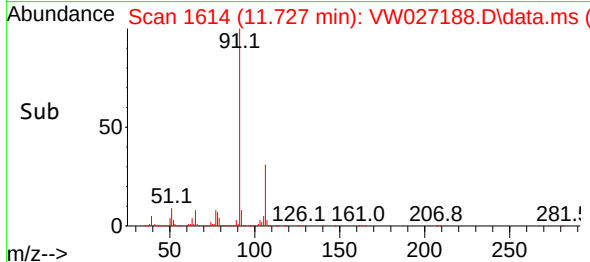
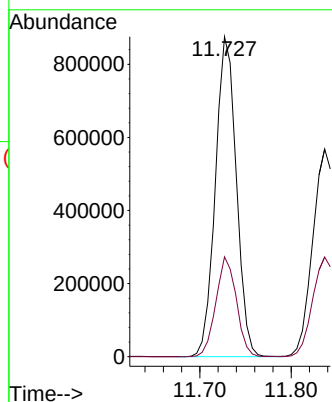
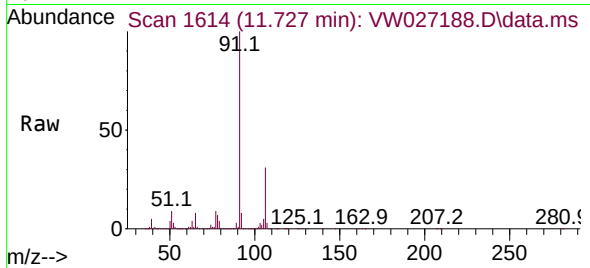




#52
Ethylbenzene
Concen: 26.467 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

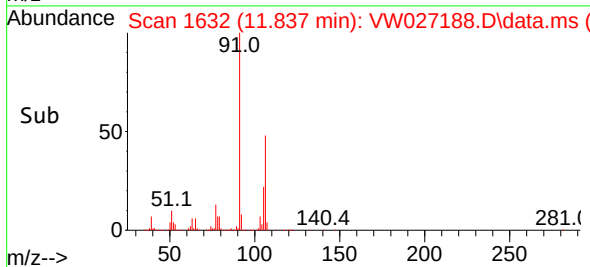
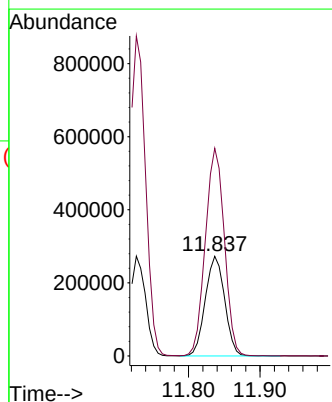
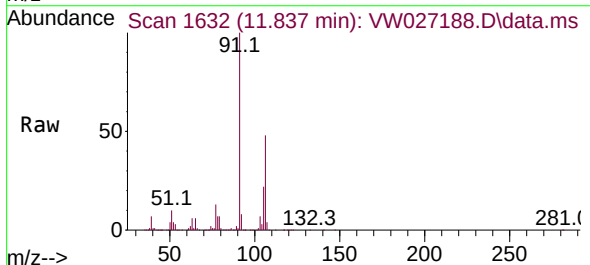
Instrument :
MSVOA_W
ClientSampleId :

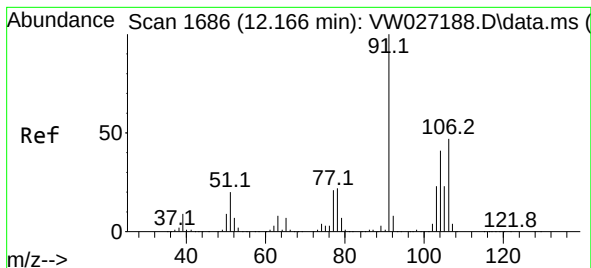
Tgt Ion: 91 Resp: 1396222
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 25.352 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion: 106 Resp: 512821
Ion Ratio Lower Upper
106 100
91 208.4 145.9 270.9





#54

o-Xylene

Concen: 26.244 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

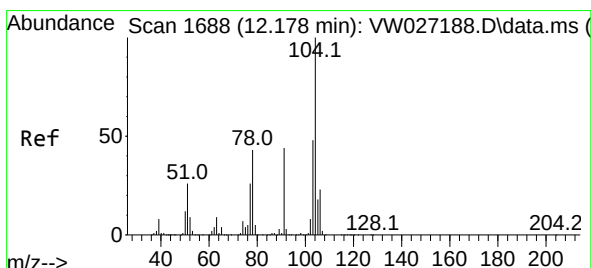
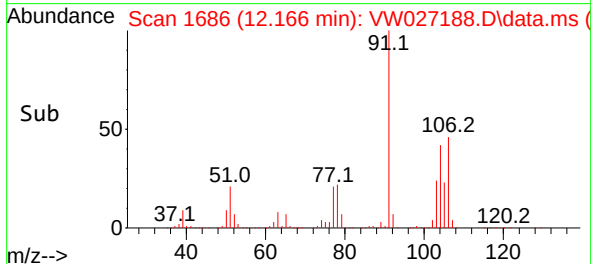
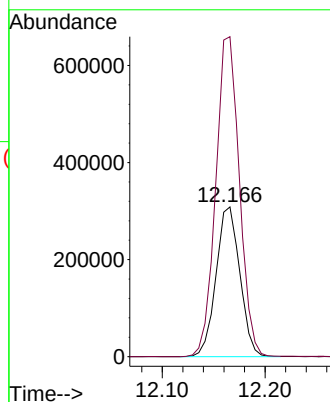
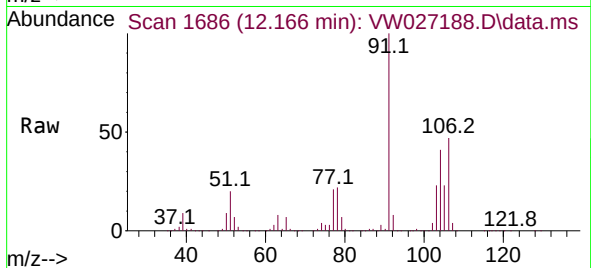
ClientSampleId :

Tgt Ion:106 Resp: 495902

Ion Ratio Lower Upper

106 100

91 213.6 149.5 277.7



#55

Styrene

Concen: 26.823 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027188.D

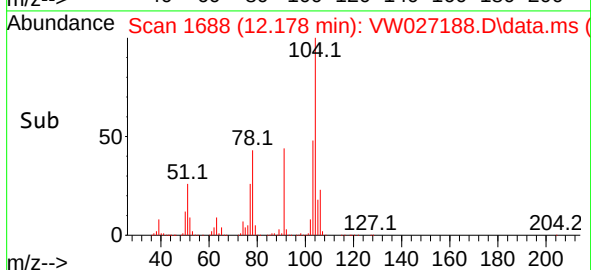
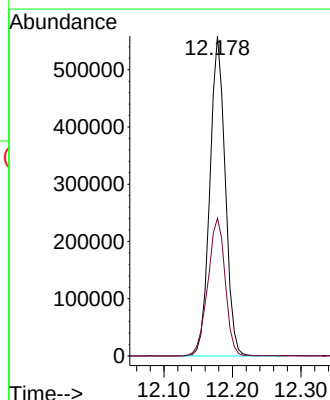
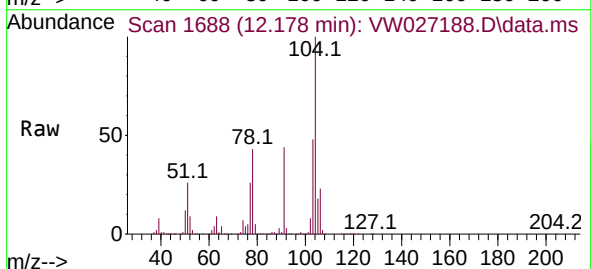
Acq: 27 Sep 2023 11:19

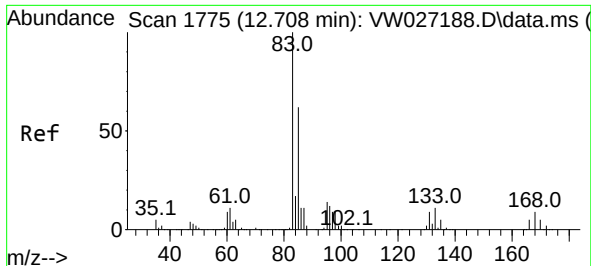
Tgt Ion:104 Resp: 872470

Ion Ratio Lower Upper

104 100

78 43.0 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.260 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

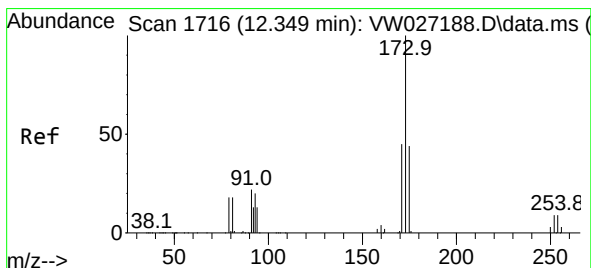
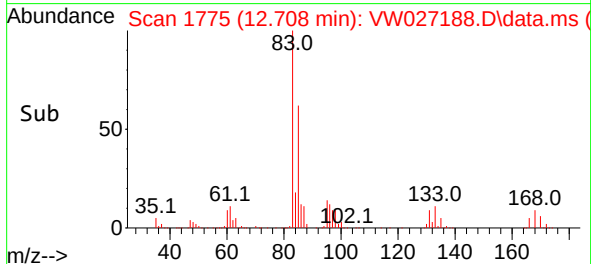
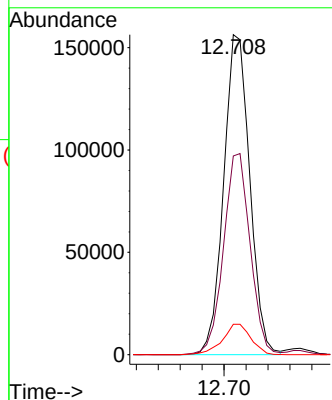
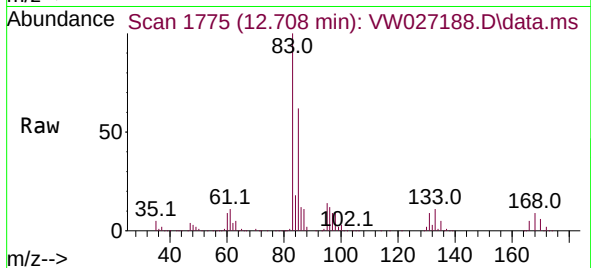
Tgt Ion: 83 Resp: 258329

Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.7

131 9.5 7.6 11.4



#59

Bromoform

Concen: 25.343 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

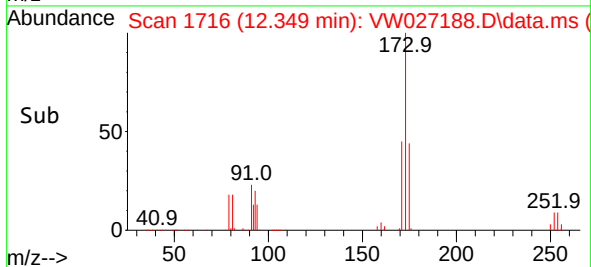
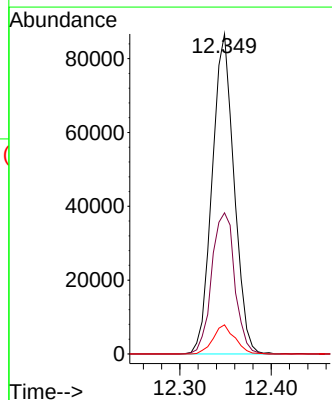
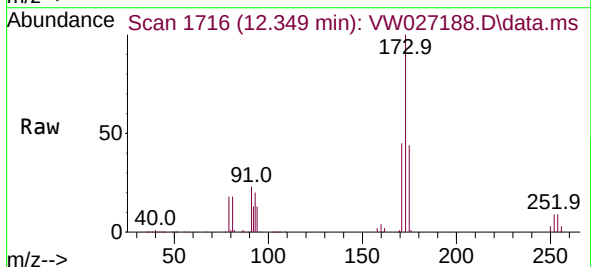
Tgt Ion:173 Resp: 144156

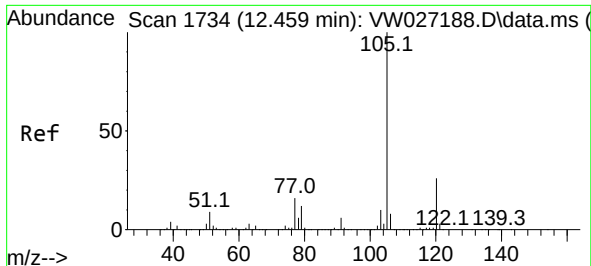
Ion Ratio Lower Upper

173 100

175 46.4 37.1 55.7

254 9.0 7.2 10.8

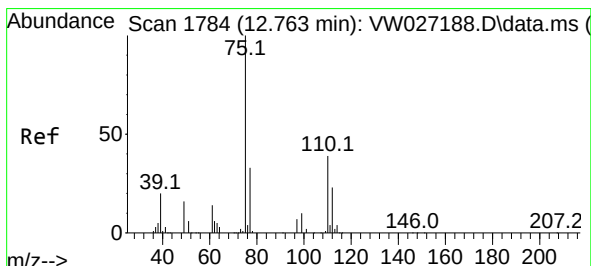
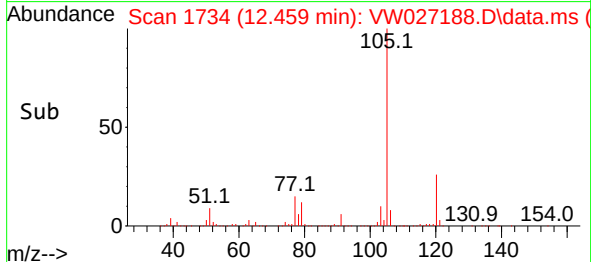
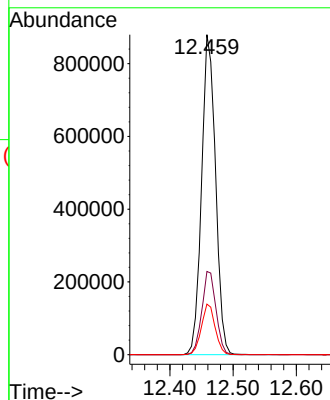
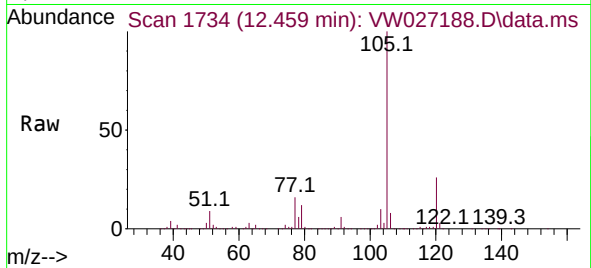




#60
Isopropylbenzene
Concen: 25.488 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

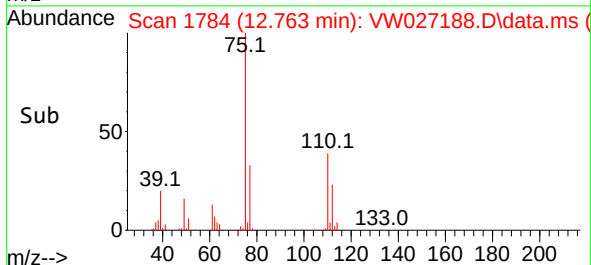
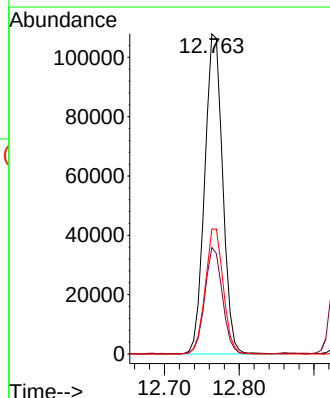
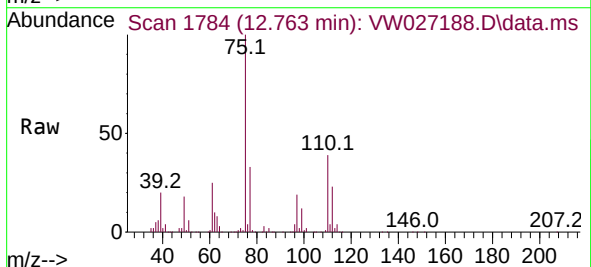
Instrument :
MSVOA_W
ClientSampleId :

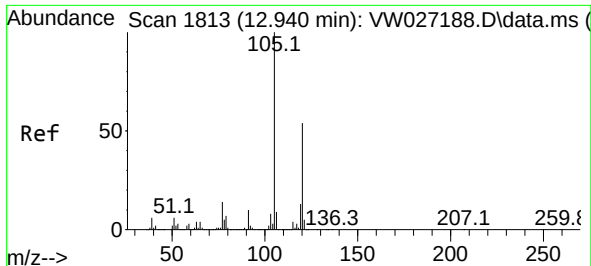
Tgt Ion:105 Resp: 1351970
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 24.450 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion: 75 Resp: 180314
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 39.0 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 26.311 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

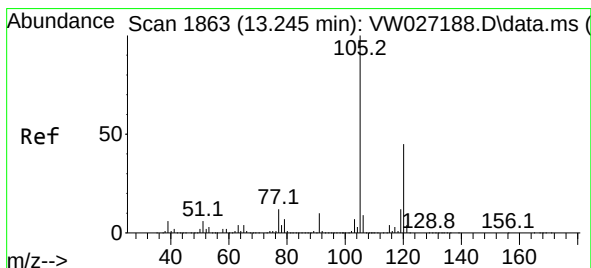
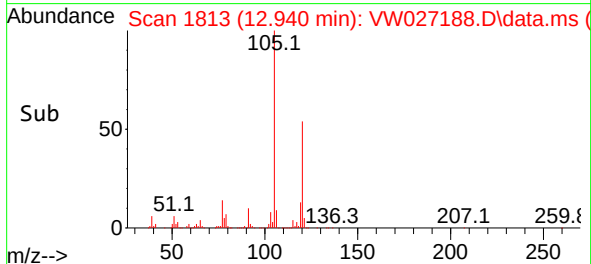
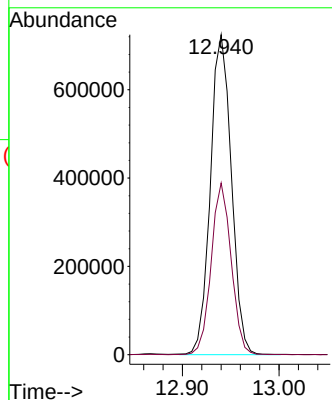
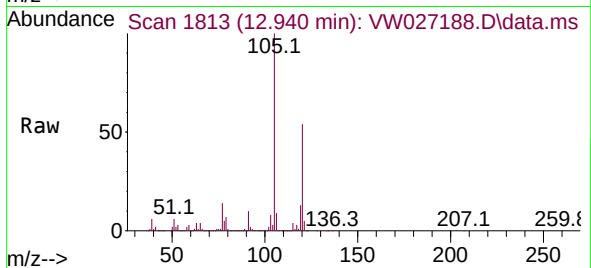
ClientSampleId :

Tgt Ion:105 Resp: 1094187

Ion Ratio Lower Upper

105 100

120 51.0 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 26.720 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027188.D

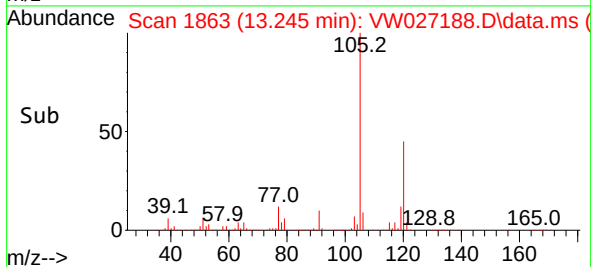
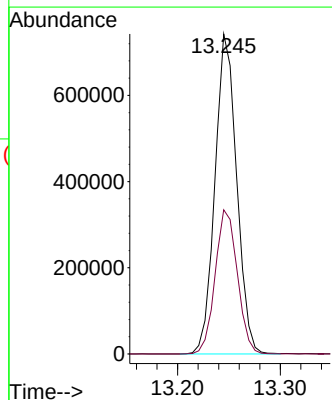
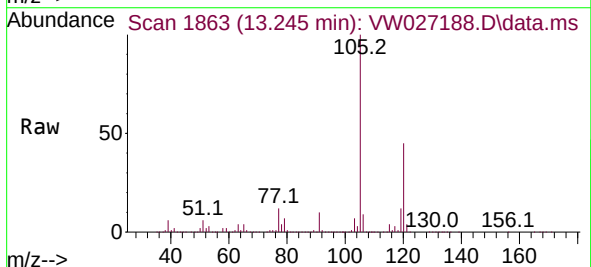
Acq: 27 Sep 2023 11:19

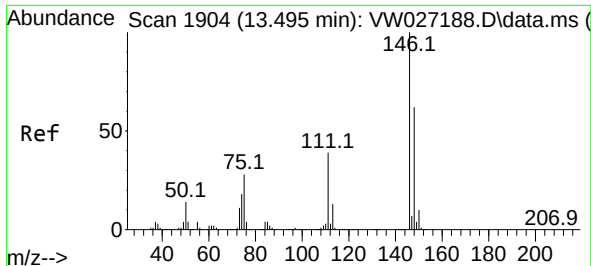
Tgt Ion:105 Resp: 1088942

Ion Ratio Lower Upper

105 100

120 46.0 36.8 55.2

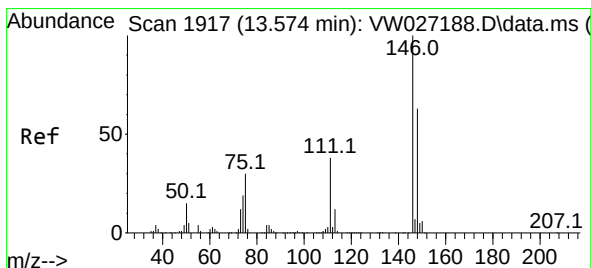
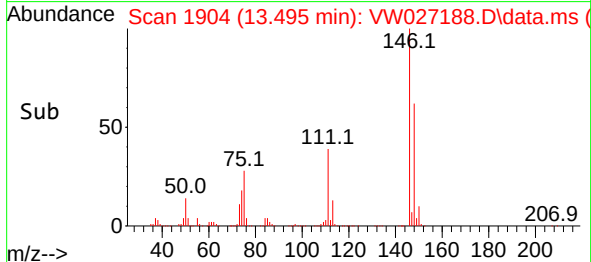
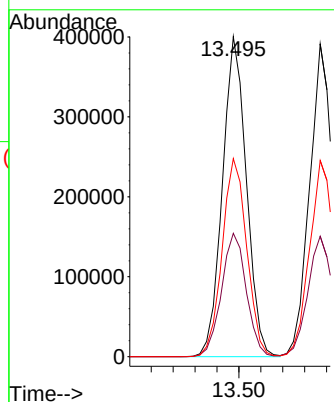
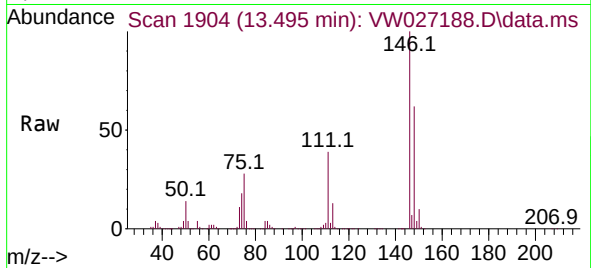




#64
1,3-Dichlorobenzene
Concen: 24.826 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

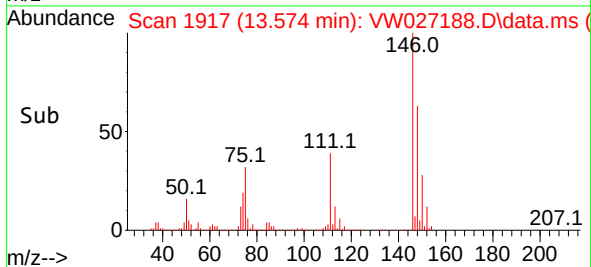
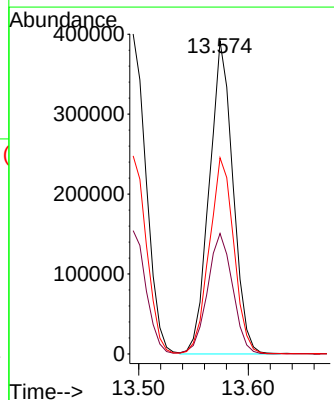
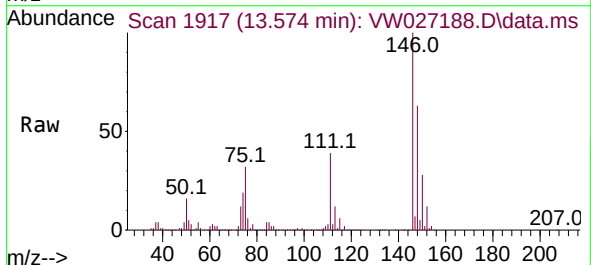
Instrument :
MSVOA_W
ClientSampleId :

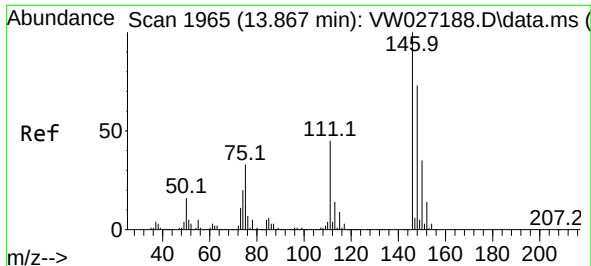
Tgt Ion:146 Resp: 607769
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 61.9 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 23.892 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027188.D
Acq: 27 Sep 2023 11:19

Tgt Ion:146 Resp: 587651
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 62.7 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 24.022 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

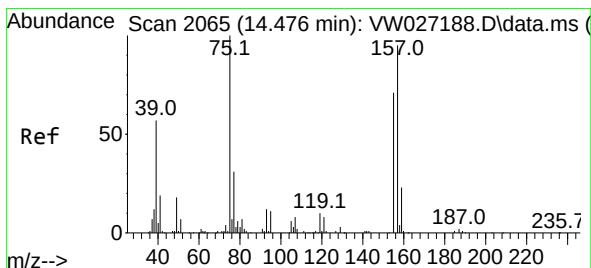
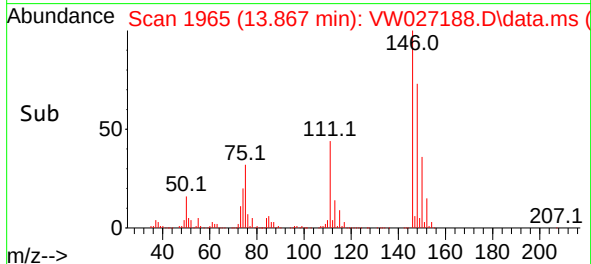
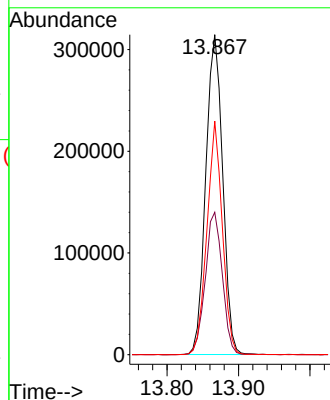
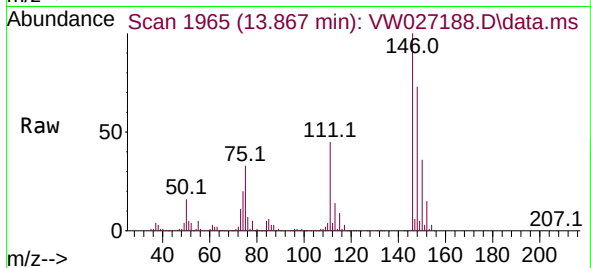
Tgt Ion:146 Resp: 515463

Ion Ratio Lower Upper

146 100

111 44.5 35.6 53.4

148 73.0 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.518 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

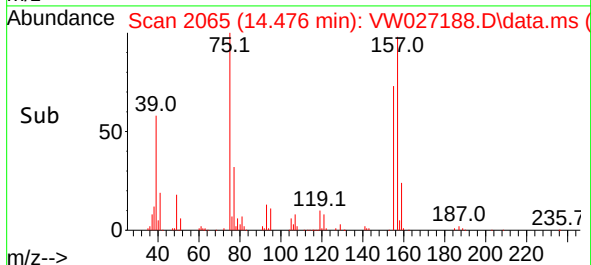
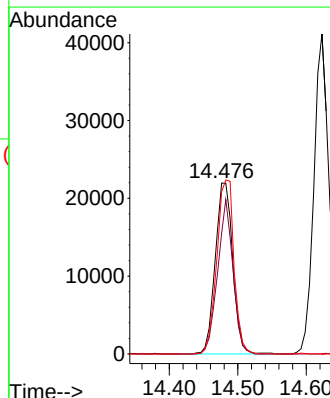
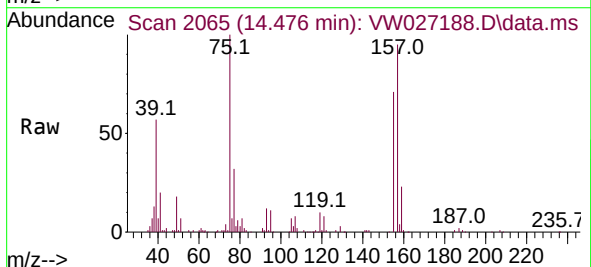
Tgt Ion: 75 Resp: 38735

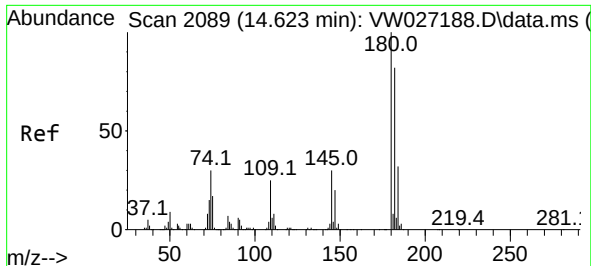
Ion Ratio Lower Upper

75 100

155 70.6 56.5 84.7

157 94.9 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 24.716 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 389622

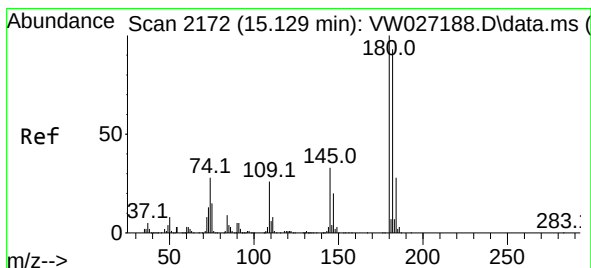
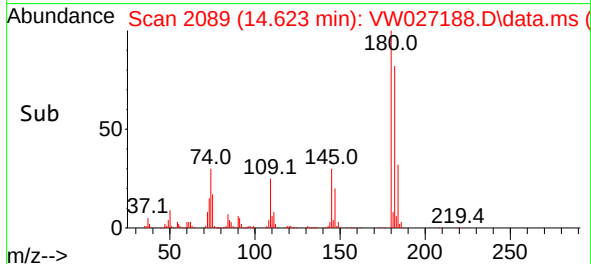
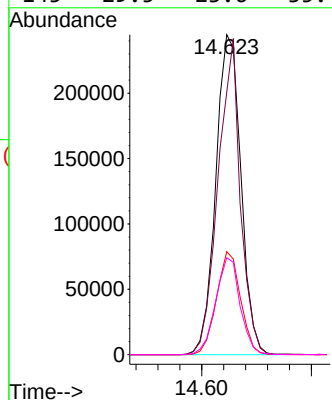
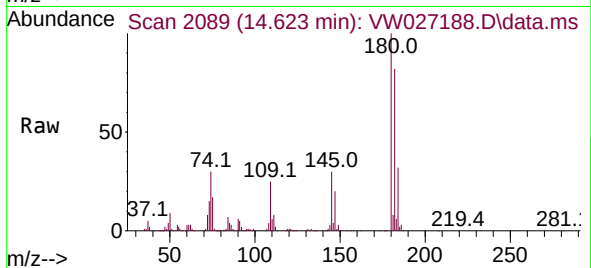
Ion Ratio Lower Upper

180 100

182 87.7 70.2 105.2

184 30.8 24.6 37.0

145 29.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 24.613 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

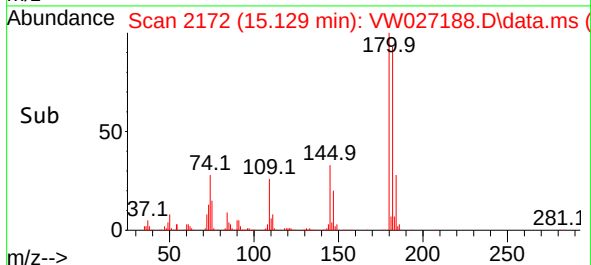
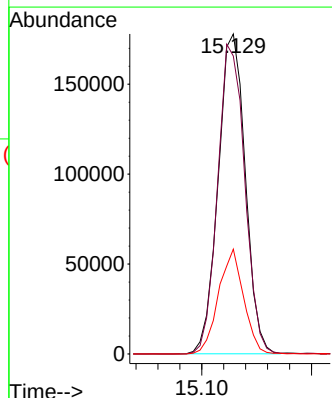
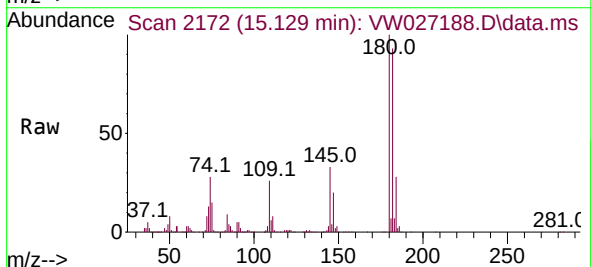
Tgt Ion:180 Resp: 306118

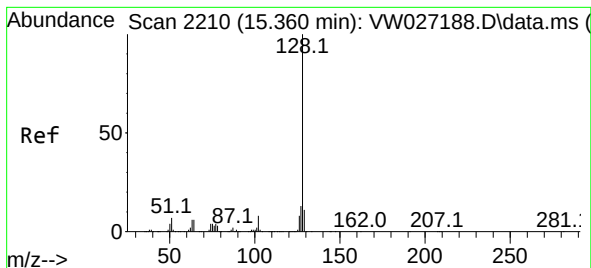
Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

145 30.4 24.3 36.5





#71

Naphthalene

Concen: 25.108 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

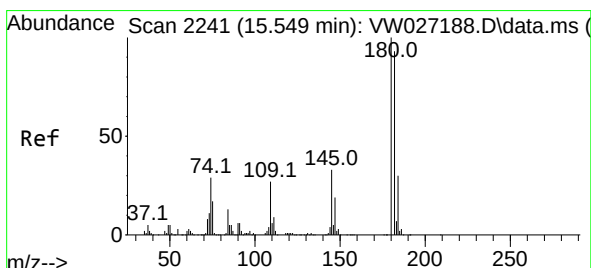
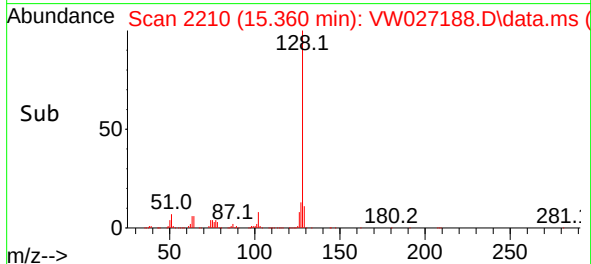
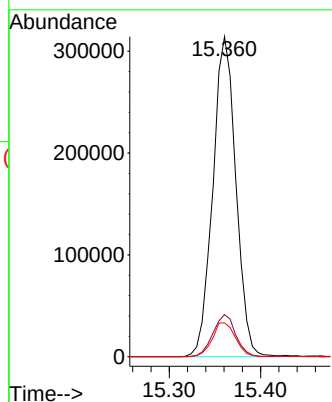
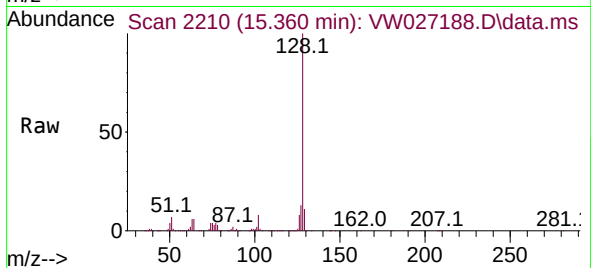
Tgt Ion:128 Resp: 550968

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.584 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027188.D

Acq: 27 Sep 2023 11:19

Tgt Ion:180 Resp: 260366

Ion Ratio Lower Upper

180 100

182 93.4 74.7 112.1

145 33.0 26.4 39.6

