

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026079.D
 Acq On : 30 May 2023 09:47
 Operator : SY/MD
 Sample : VSTD02559
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025459

Quant Time: May 31 01:26:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:24:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	786364	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	706342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	349736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	316188	28.582	ug/L	0.00
7) Chloroethane-d5	2.899	69	223237	26.957	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	149814	27.465	ug/L	0.00
21) 2-Butanone-d5	7.075	46	168430	52.296	ug/L	0.00
24) Chloroform-d	7.648	84	588386	25.551	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	318735	25.313	ug/L	0.00
32) Benzene-d6	8.270	84	1199967	25.247	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	376744	25.020	ug/L	0.00
41) Toluene-d8	10.319	98	1057655	25.093	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	145082	24.315	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	124394	52.393	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	268387	24.494	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	325183	24.292	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	249890	26.445	ug/L	100
3) Chloromethane	2.228	50	322185	26.066	ug/L	100
5) Vinyl chloride	2.375	62	342916	25.954	ug/L	100
6) Bromomethane	2.789	94	167532	23.260	ug/L	100
8) Chloroethane	2.930	64	172671	24.185	ug/L	100
9) Trichlorofluoromethane	3.265	101	190580	22.421	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	259149	24.995	ug/L	100
12) 1,1-Dichloroethene	4.045	96	247229	24.693	ug/L	100
13) Acetone	4.118	43	116433	46.721	ug/L	100
14) Carbon disulfide	4.393	76	871044	24.645	ug/L	100
15) Methyl Acetate	4.667	43	134969	24.131	ug/L	100
16) Methylene chloride	4.923	84	274429	21.865	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	264822	23.575	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	425993	24.061	ug/L	100
19) 1,1-Dichloroethane	6.216	63	535431	23.413	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	281760	23.680	ug/L	100
22) 2-Butanone	7.173	43	171431	48.268	ug/L	100
23) Bromochloromethane	7.514	128	117746	23.203	ug/L	100
25) Chloroform	7.679	83	498566	23.406	ug/L	100
27) 1,2-Dichloroethane	8.398	62	347288	23.640	ug/L	100
29) Cyclohexane	7.959	56	531517	24.374	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	402007	23.453	ug/L	100
31) Carbon tetrachloride	8.069	117	360384	23.040	ug/L	100
33) Benzene	8.325	78	1134694	23.451	ug/L	100
34) Trichloroethene	9.093	95	286796	23.147	ug/L	100
35) Methylcyclohexane	9.337	83	527753	24.072	ug/L	100
37) 1,2-Dichloropropane	9.367	63	300887	22.958	ug/L	100
38) Bromodichloromethane	9.642	83	351526	23.087	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	455565	23.654	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	378398	48.973	ug/L	100
42) Toluene	10.386	91	1164493	23.529	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	379127	23.629	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:24:42 2023
 Response via : Initial Calibration

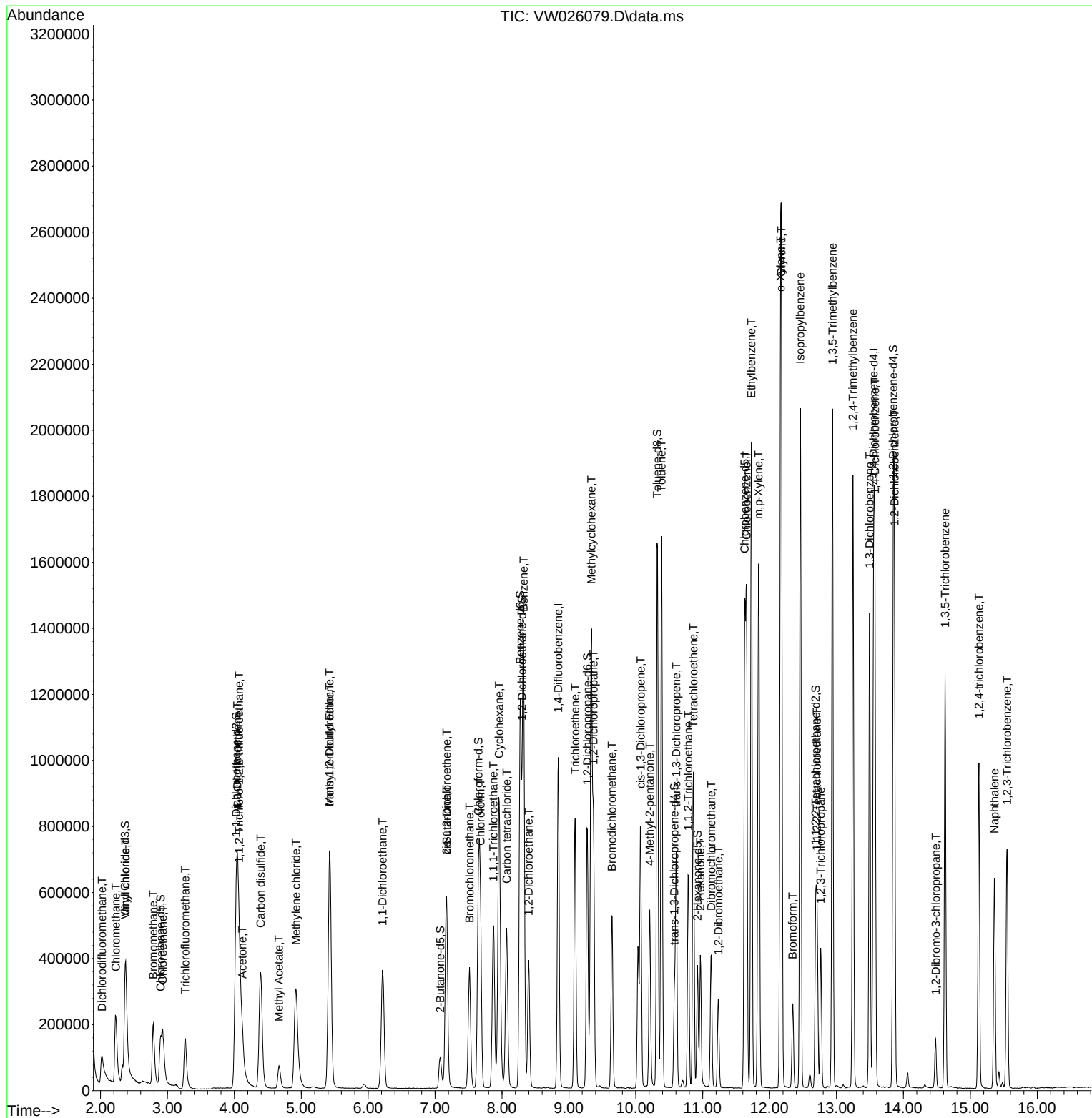
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	198665	23.000	ug/L	100
46) Tetrachloroethene	10.861	164	201899	23.038	ug/L	100
48) 2-Hexanone	10.965	43	264380	48.527	ug/L	100
49) Dibromochloromethane	11.129	129	205682	22.712	ug/L	100
50) 1,2-Dibromoethane	11.233	107	181678	22.716	ug/L	100
51) Chlorobenzene	11.654	112	711530	22.943	ug/L	100
52) Ethylbenzene	11.727	91	1311886	23.498	ug/L	100
53) m,p-Xylene	11.837	106	485829	23.392	ug/L	100
54) o-Xylene	12.166	106	455034	23.213	ug/L	100
55) Styrene	12.178	104	800428	23.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	239889	22.949	ug/L	100
59) Bromoform	12.343	173	114753	21.845	ug/L	100
60) Isopropylbenzene	12.458	105	1279888	23.296	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	175050	22.345	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1014652	23.232	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	938761	23.468	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	519167	22.474	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	516434	22.205	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	459339	22.143	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	39596	21.816	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	338885	21.356	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	283953	21.686	ug/L	100
71) Naphthalene	15.360	128	509919	21.850	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	241225	21.080	ug/L	100

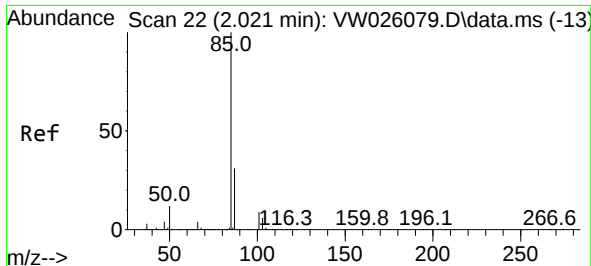
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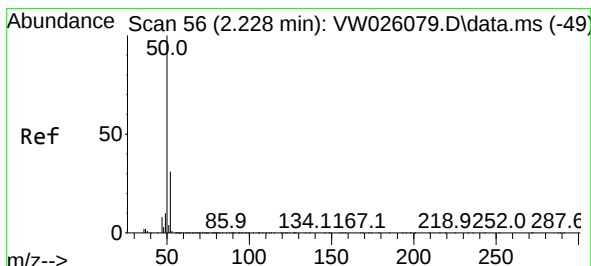
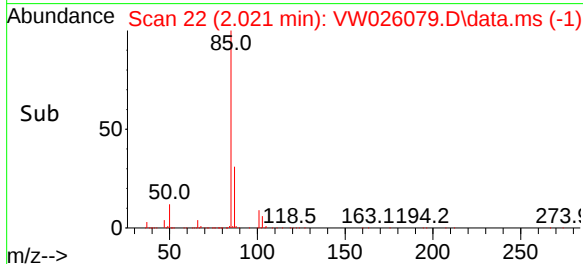
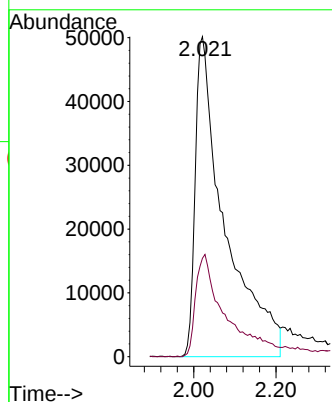
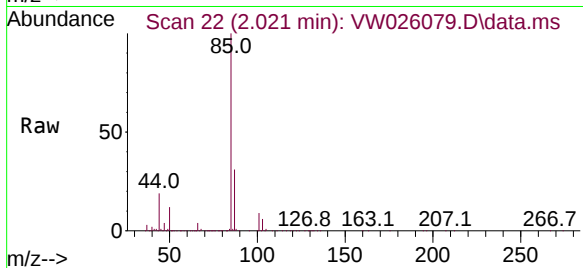




#2
 Dichlorodifluoromethane
 Concen: 26.445 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026079.D
 Acq: 30 May 2023 09:47

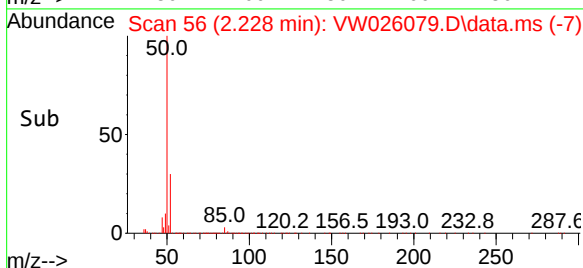
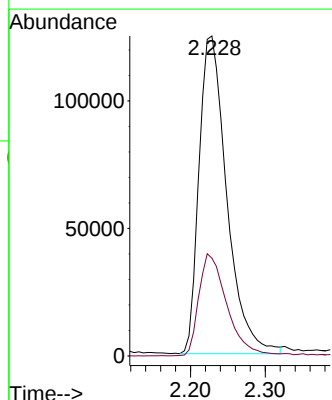
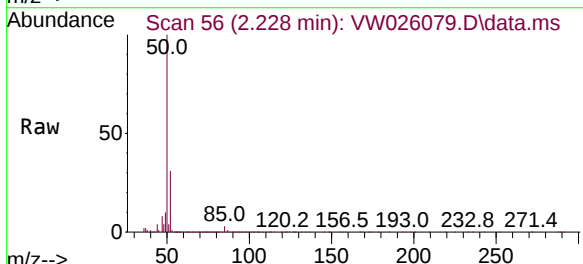
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025459

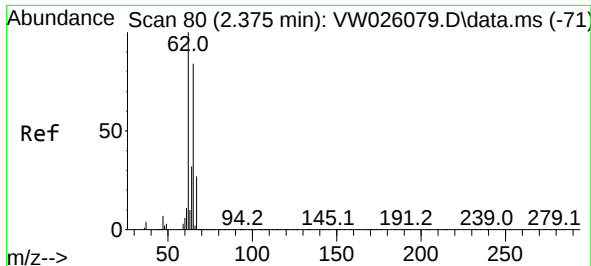
Tgt Ion: 85 Resp: 249890
 Ion Ratio Lower Upper
 85 100
 87 27.7 22.2 33.2



#3
 Chloromethane
 Concen: 26.066 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026079.D
 Acq: 30 May 2023 09:47

Tgt Ion: 50 Resp: 322185
 Ion Ratio Lower Upper
 50 100
 52 30.5 21.3 39.6

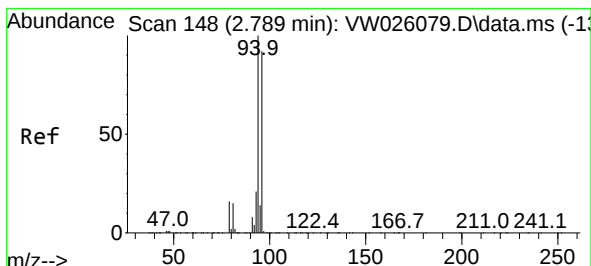
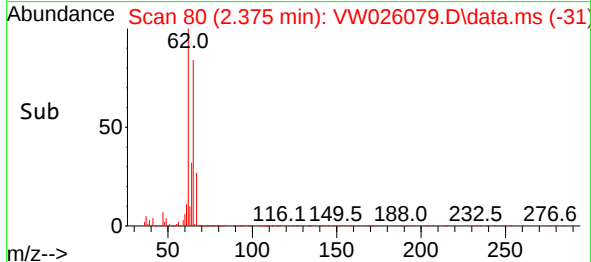
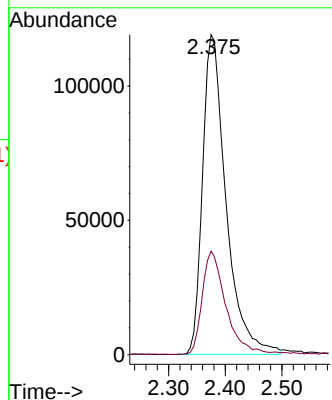
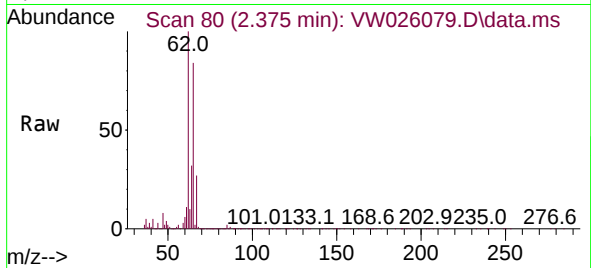




#5
 Vinyl chloride
 Concen: 25.954 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026079.D
 Acq: 30 May 2023 09:47

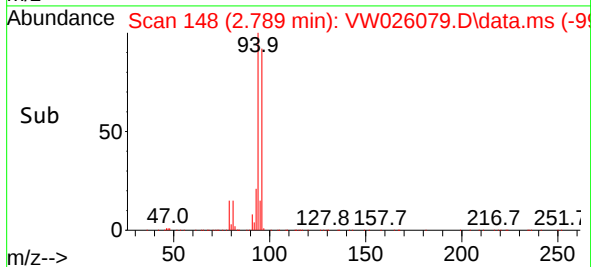
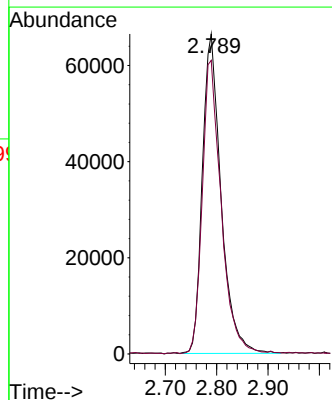
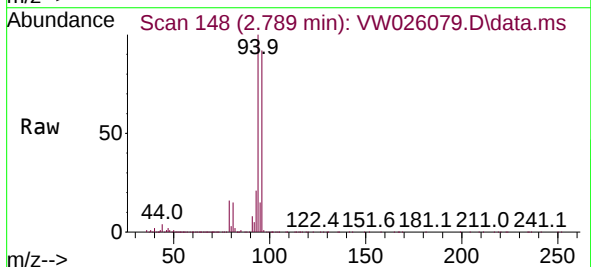
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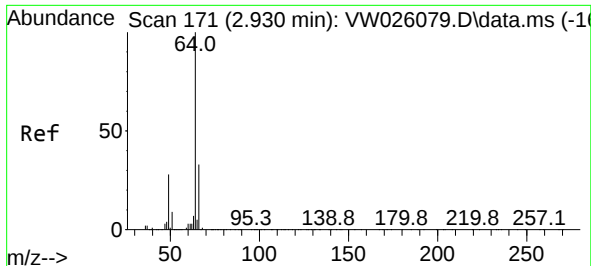
Tgt Ion: 62 Resp: 342916
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.7 42.1



#6
 Bromomethane
 Concen: 23.260 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026079.D
 Acq: 30 May 2023 09:47

Tgt Ion: 94 Resp: 167532
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.2 119.2

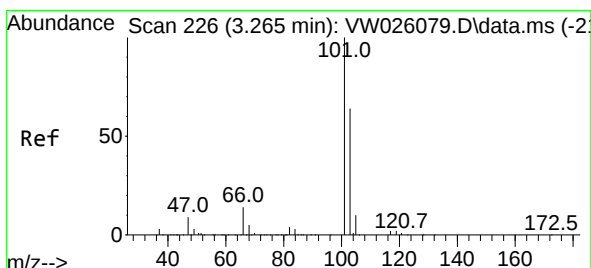
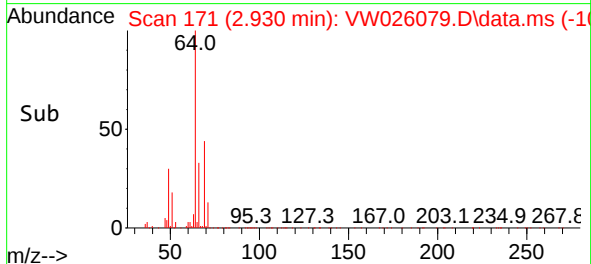
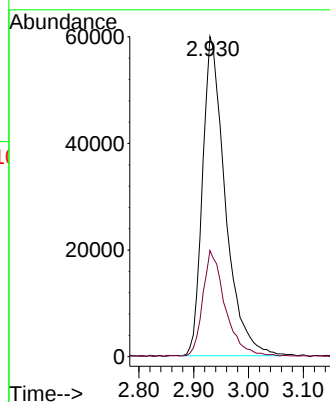
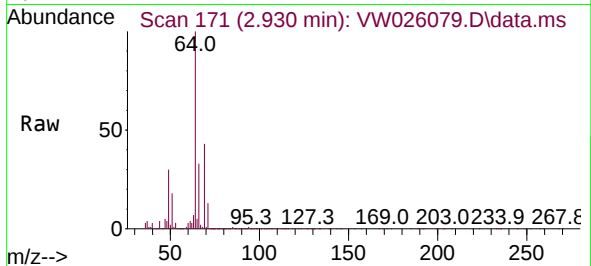




#8
Chloroethane
Concen: 24.185 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

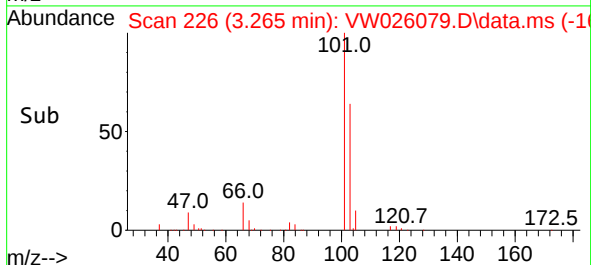
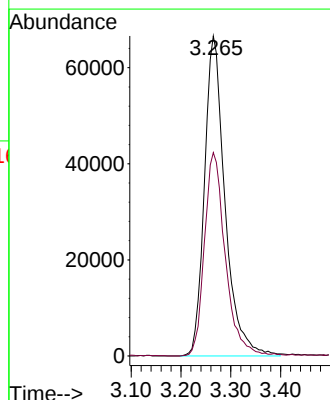
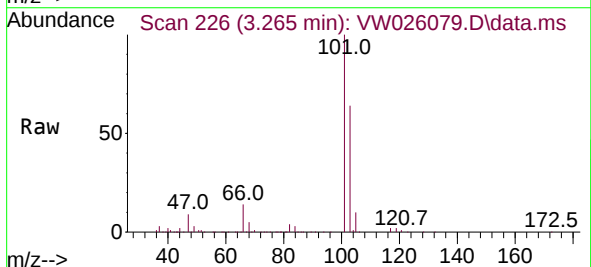
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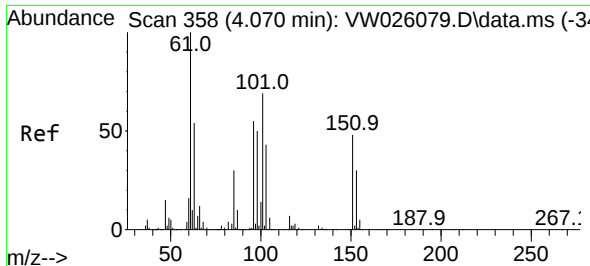
Tgt Ion: 64 Resp: 172671
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.421 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion:101 Resp: 190580
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

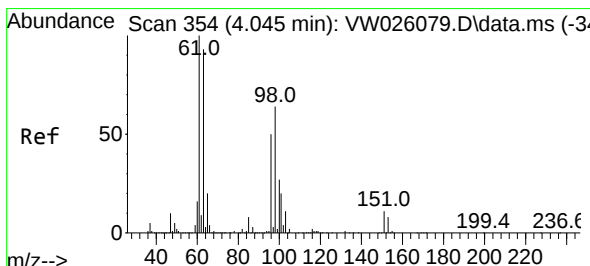
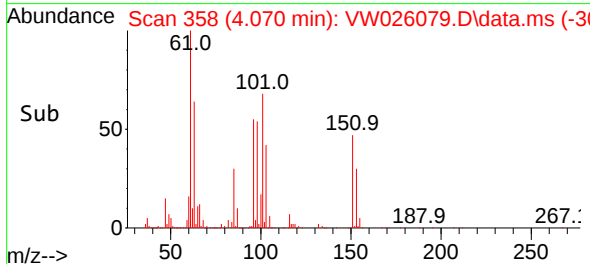
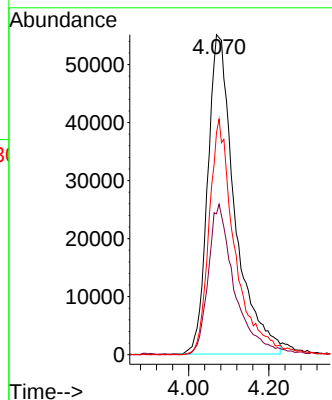
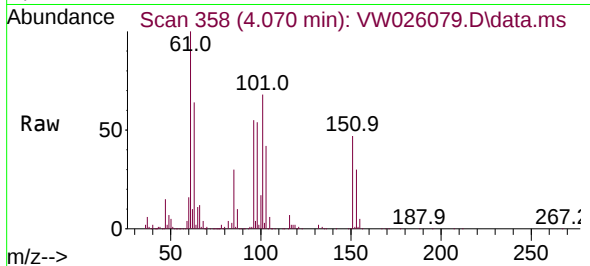




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.995 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026079.D
 Acq: 30 May 2023 09:47

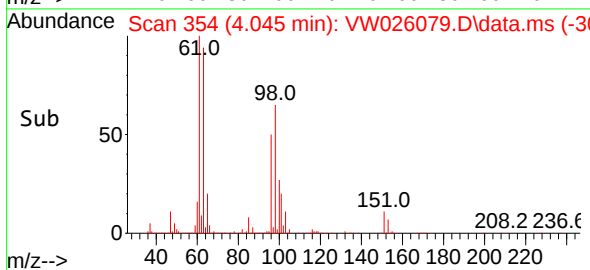
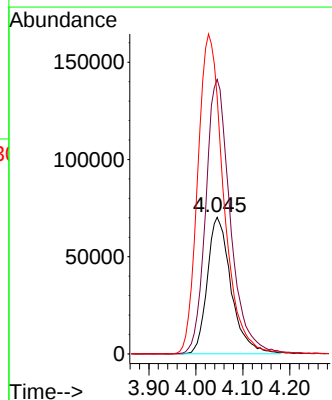
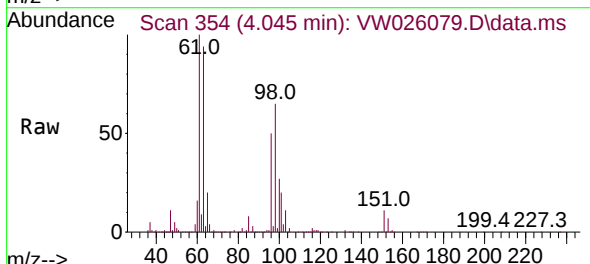
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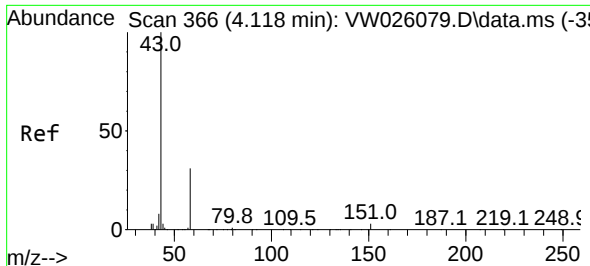
Tgt Ion:101 Resp: 259149
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 68.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 24.693 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026079.D
 Acq: 30 May 2023 09:47

Tgt Ion: 96 Resp: 247229
 Ion Ratio Lower Upper
 96 100
 61 200.8 140.6 261.0
 63 188.1 131.7 244.5

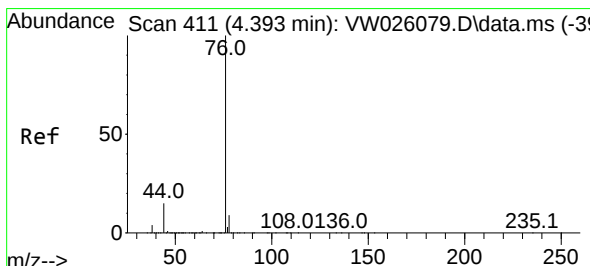
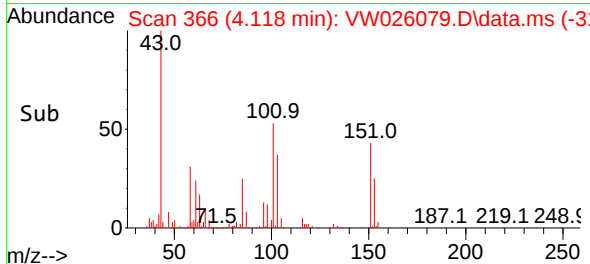
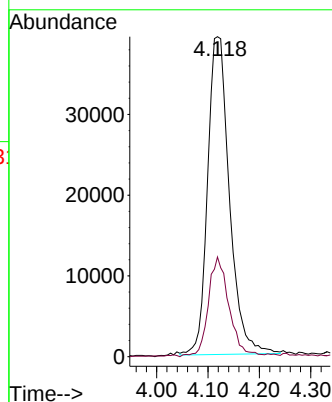
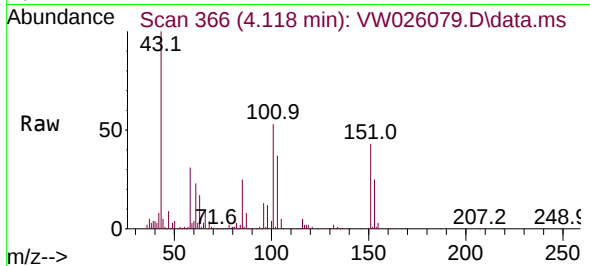




#13
Acetone
Concen: 46.721 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

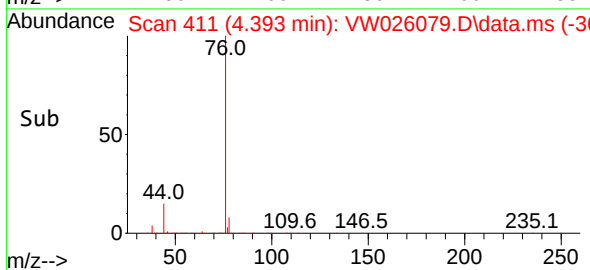
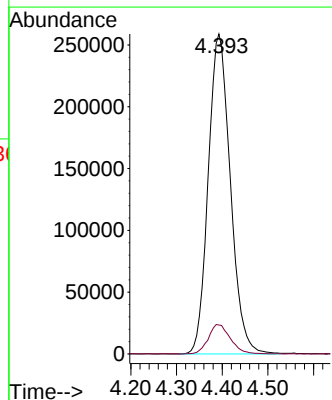
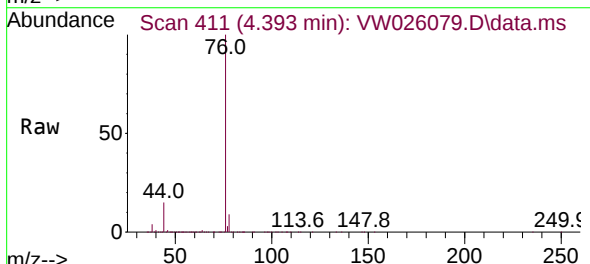
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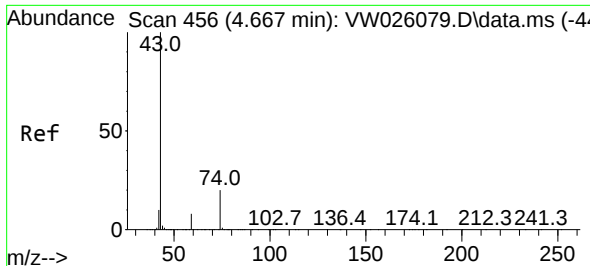
Tgt Ion: 43 Resp: 116433
Ion Ratio Lower Upper
43 100
58 29.1 0.0 58.2



#14
Carbon disulfide
Concen: 24.645 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 871044
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

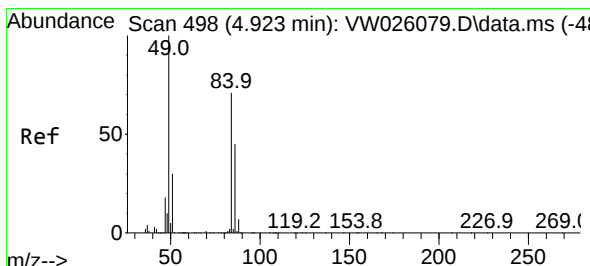
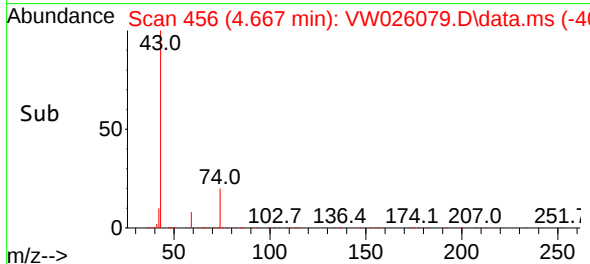
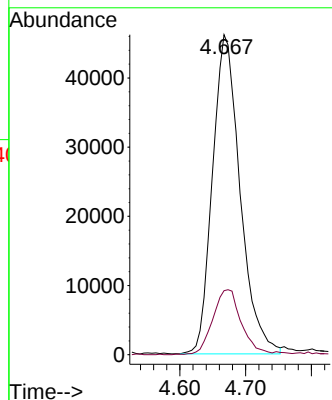
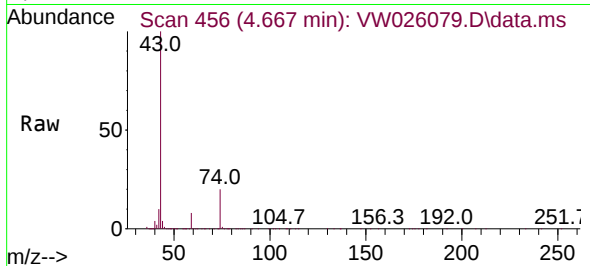




#15
Methyl Acetate
Concen: 24.131 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

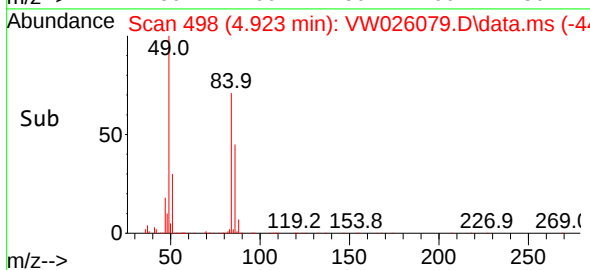
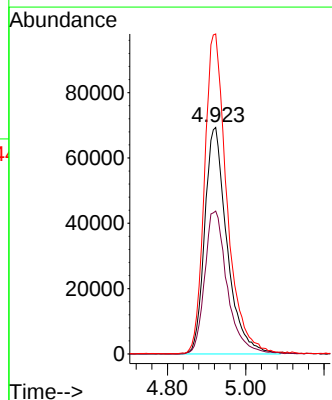
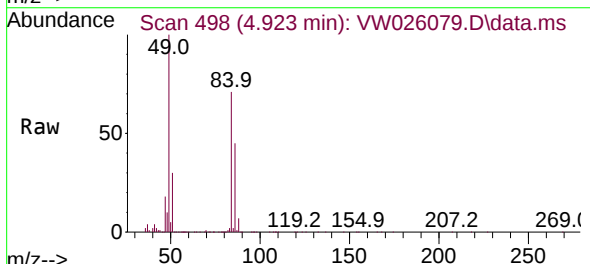
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

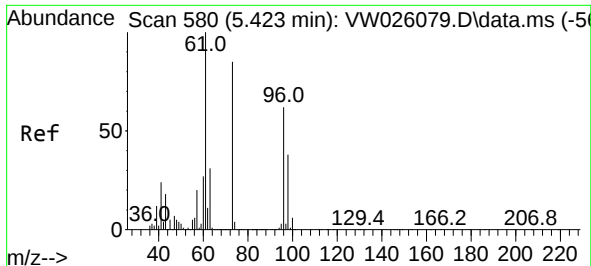
Tgt Ion: 43 Resp: 134969
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 21.865 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 84 Resp: 274429
Ion Ratio Lower Upper
84 100
86 63.1 44.2 82.0
49 141.2 98.8 183.6



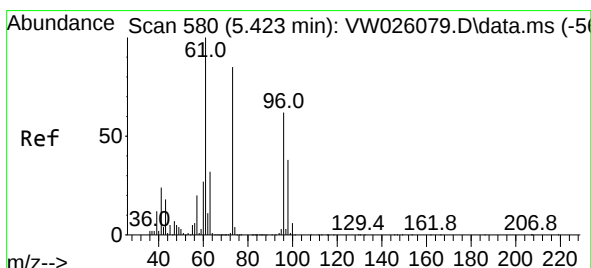
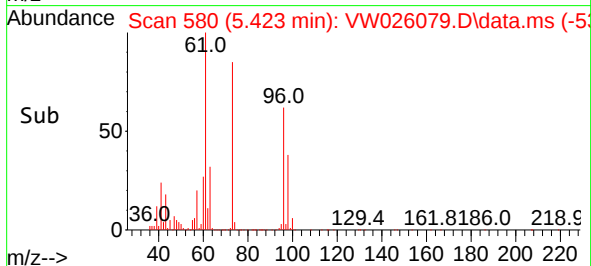
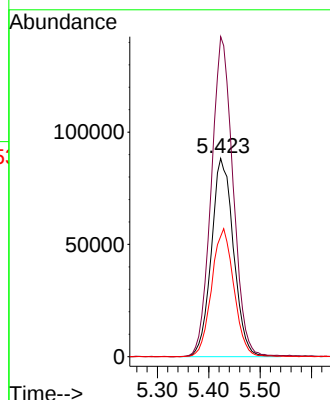
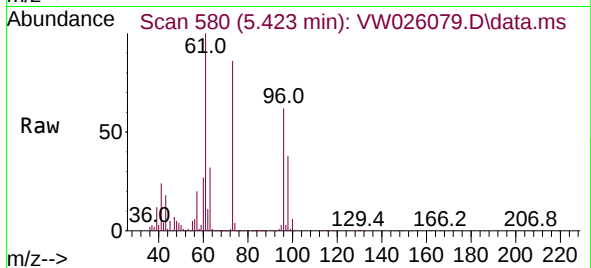


#17
trans-1,2-Dichloroethene
Concen: 23.575 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

Tgt Ion: 96 Resp: 264822

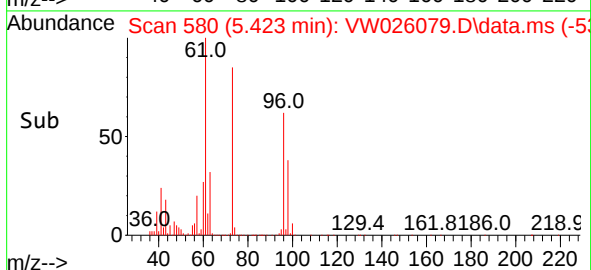
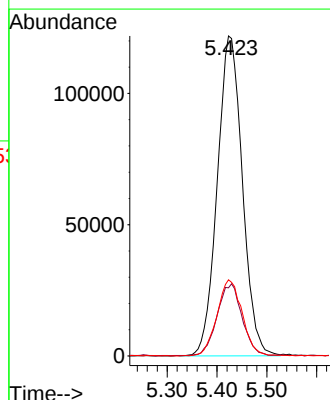
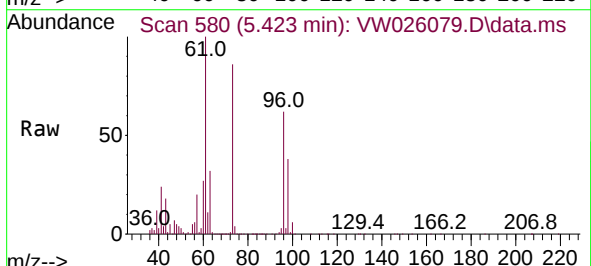
Ion	Ratio	Lower	Upper
96	100		
61	161.4	113.0	209.8
98	60.7	42.5	78.9

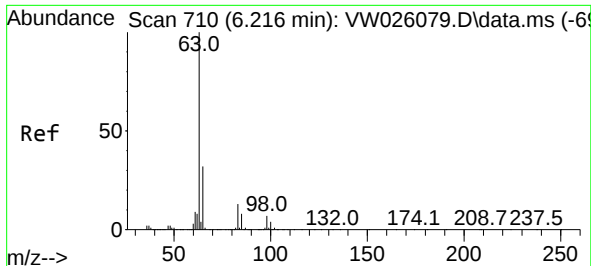


#18
Methyl tert-butyl Ether
Concen: 24.061 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 73 Resp: 425993

Ion	Ratio	Lower	Upper
73	100		
43	22.2	17.8	26.6
57	23.6	18.9	28.3





#19

1,1-Dichloroethane

Concen: 23.413 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025459

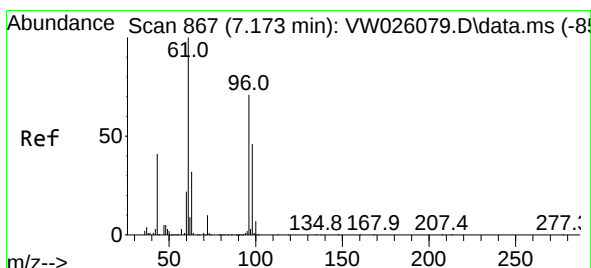
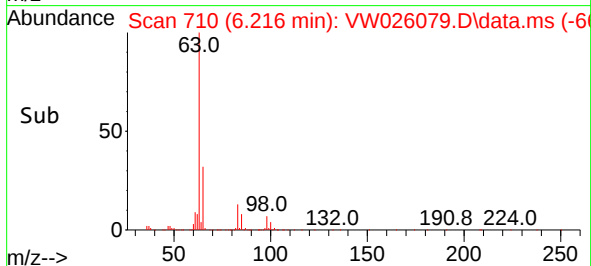
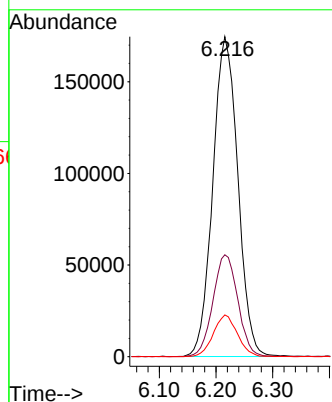
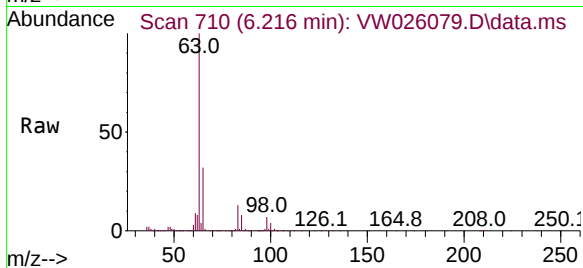
Tgt Ion: 63 Resp: 535431

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 23.680 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

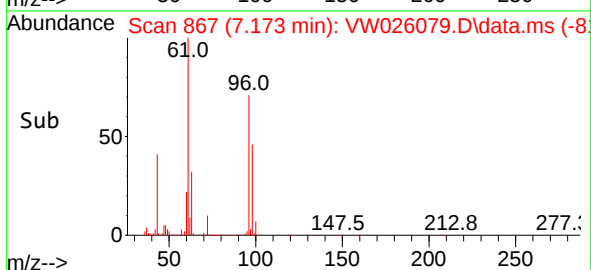
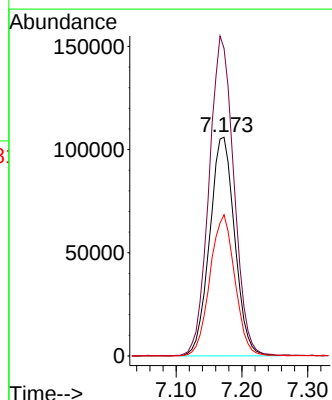
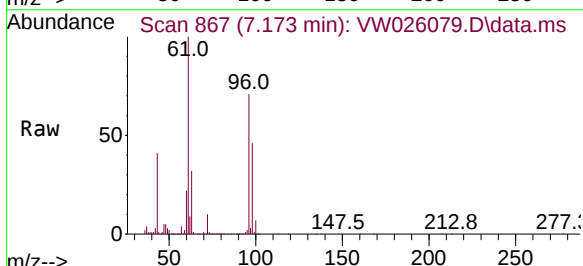
Tgt Ion: 96 Resp: 281760

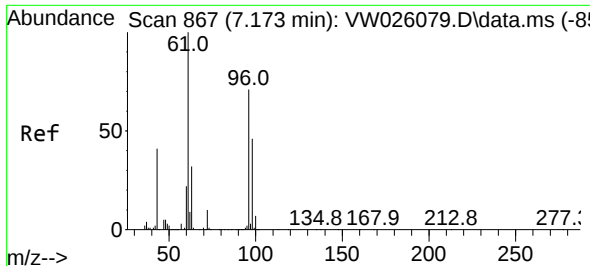
Ion Ratio Lower Upper

96 100

61 140.6 98.4 182.8

98 64.6 45.2 84.0

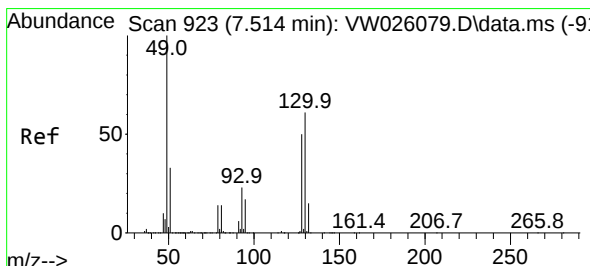
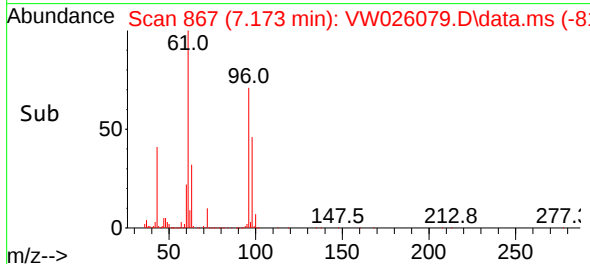
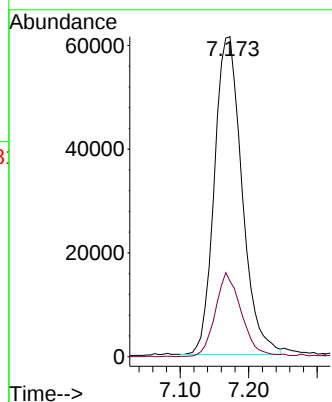
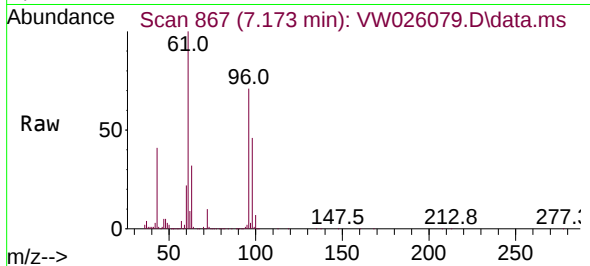




#22
2-Butanone
Concen: 48.268 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

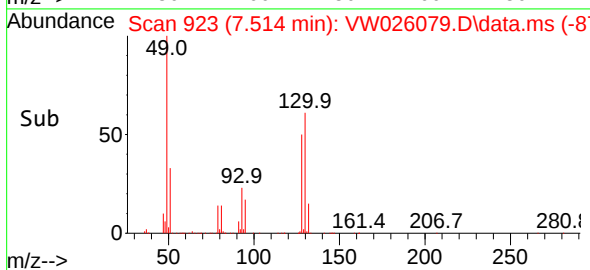
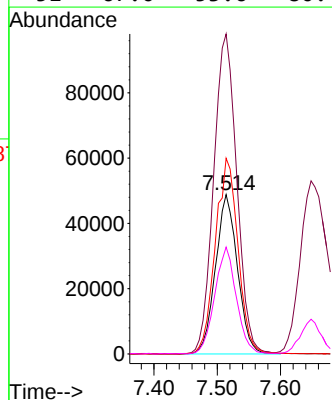
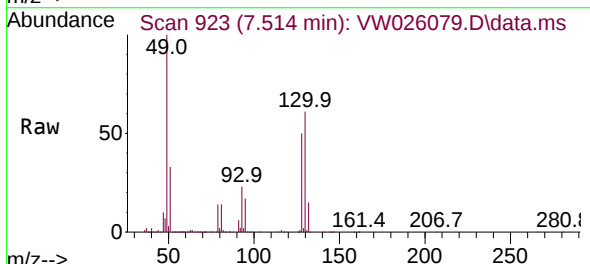
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

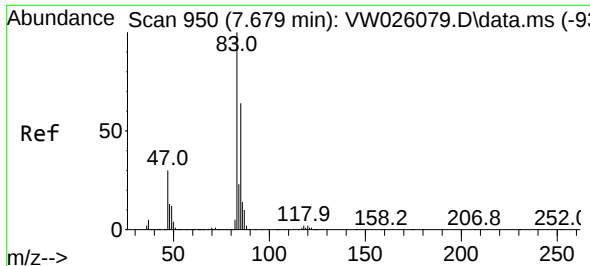
Tgt Ion: 43 Resp: 171431
Ion Ratio Lower Upper
43 100
72 24.9 12.4 37.4



#23
Bromochloromethane
Concen: 23.203 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 128 Resp: 117746
Ion Ratio Lower Upper
128 100
49 200.8 140.6 261.0
130 122.8 86.0 159.6
51 67.0 53.6 80.4

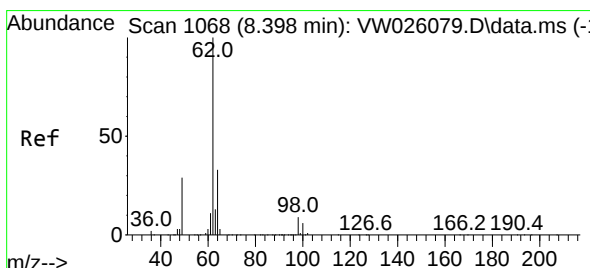
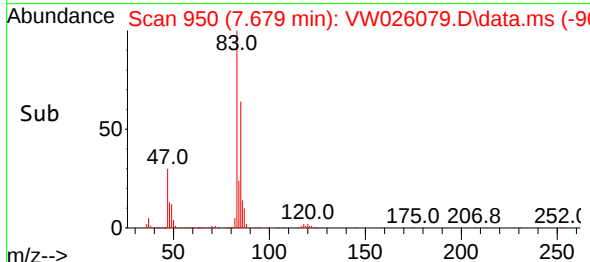
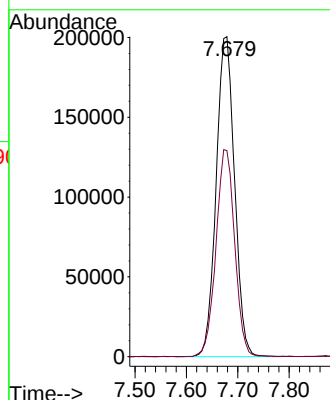
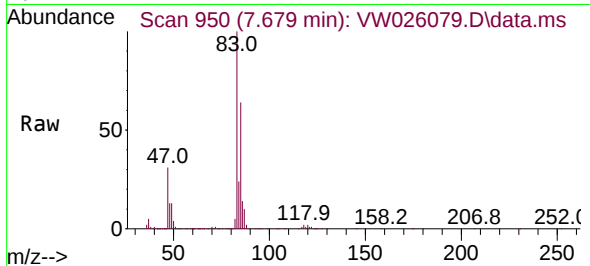




#25
Chloroform
Concen: 23.406 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

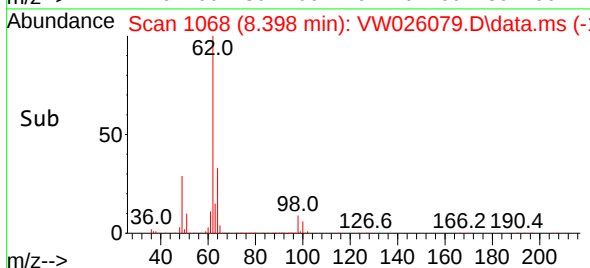
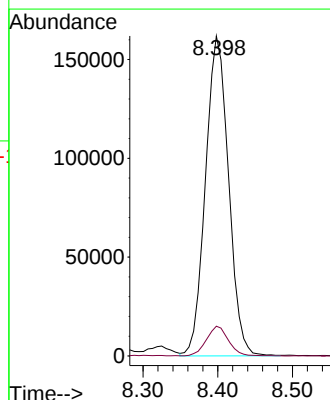
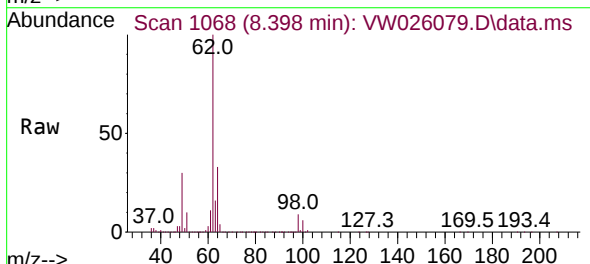
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

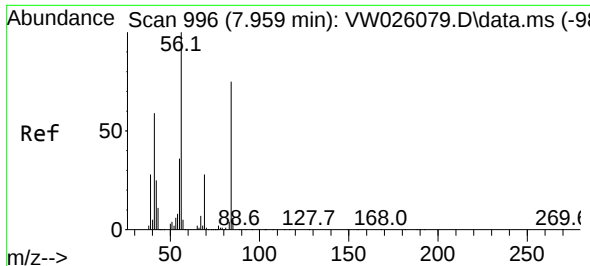
Tgt Ion: 83 Resp: 498566
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.640 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 62 Resp: 347288
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.2

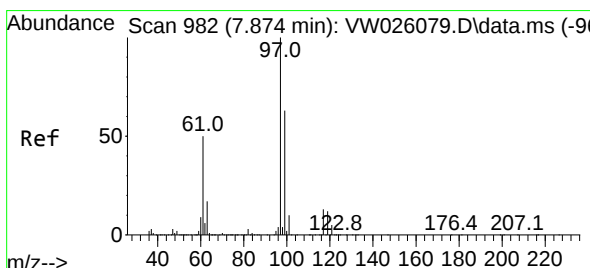
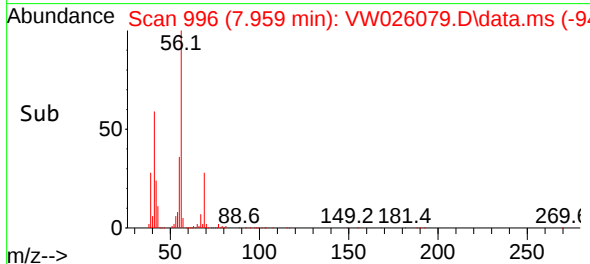
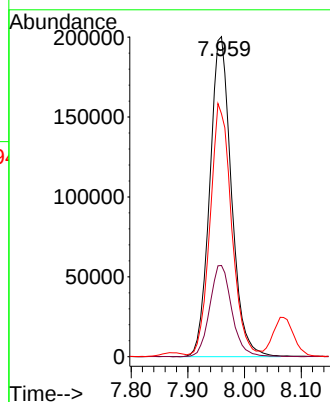
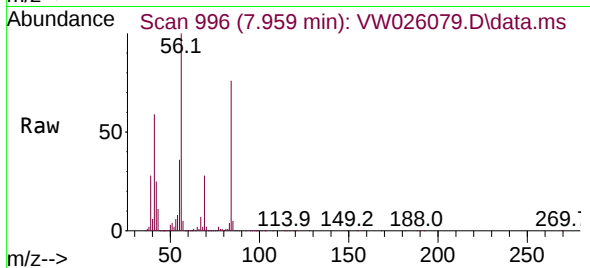




#29
Cyclohexane
Concen: 24.374 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

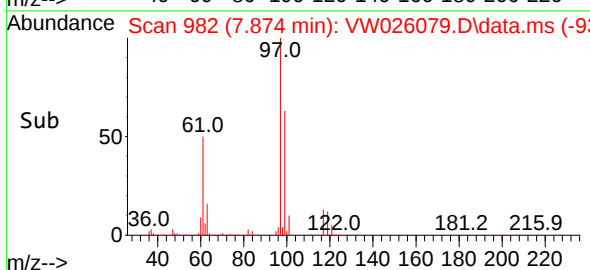
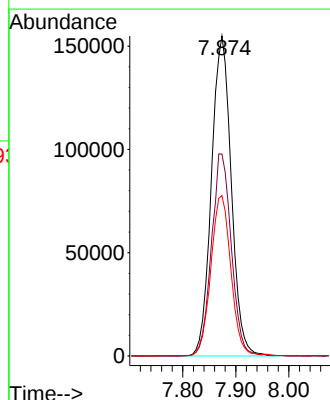
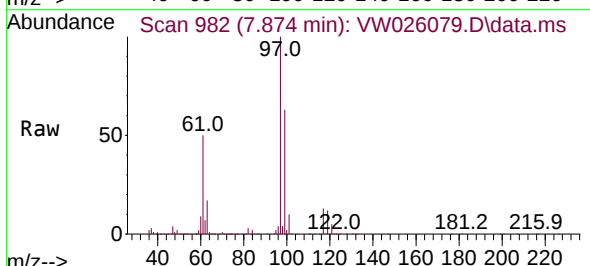
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

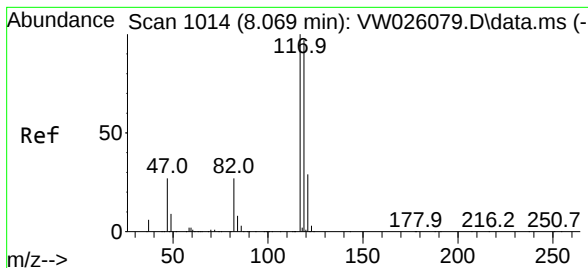
Tgt Ion: 56 Resp: 531517
Ion Ratio Lower Upper
56 100
69 29.1 23.3 34.9
84 78.8 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 23.453 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 97 Resp: 402007
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 50.6 40.5 60.7





#31

Carbon tetrachloride

Concen: 23.040 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

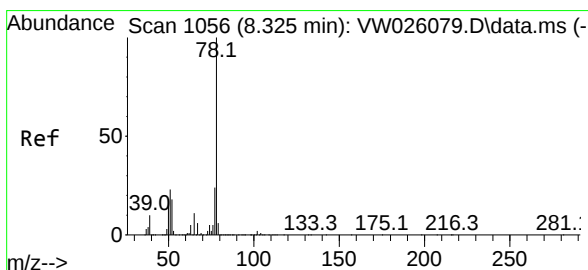
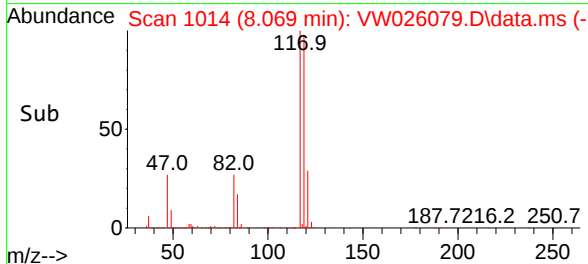
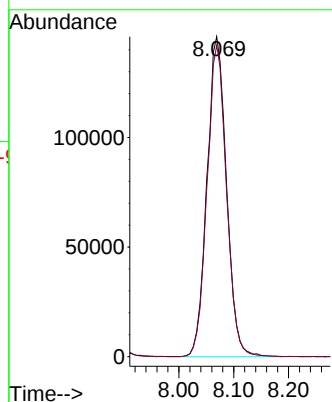
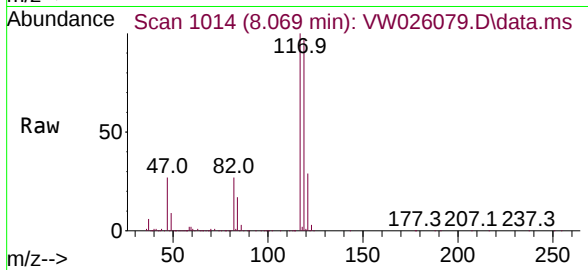
VSTD025459

Tgt Ion:117 Resp: 360384

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.2



#33

Benzene

Concen: 23.451 ug/L

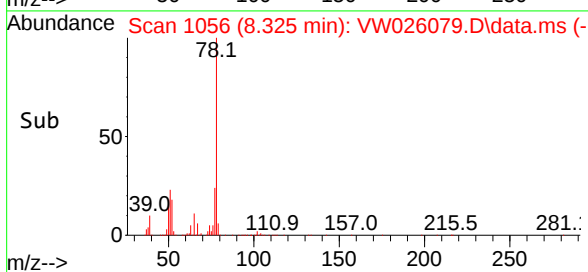
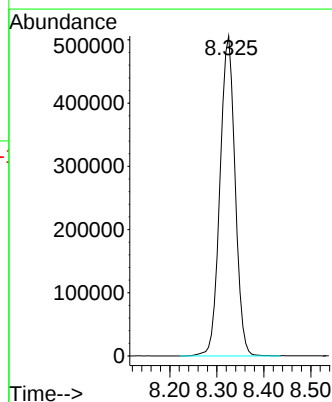
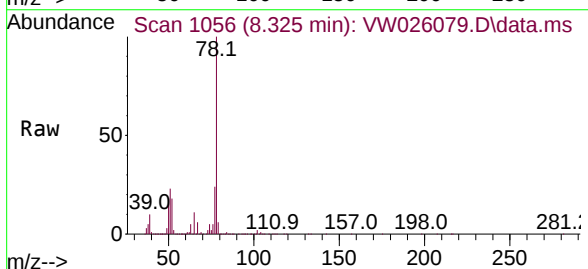
RT: 8.325 min Scan# 1056

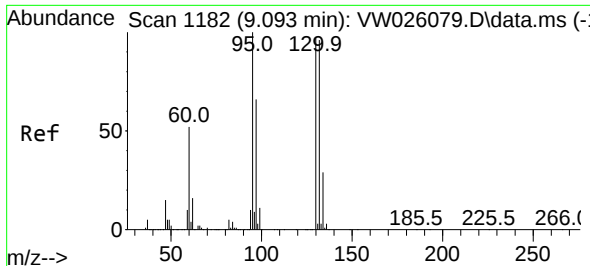
Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Tgt Ion: 78 Resp: 1134694



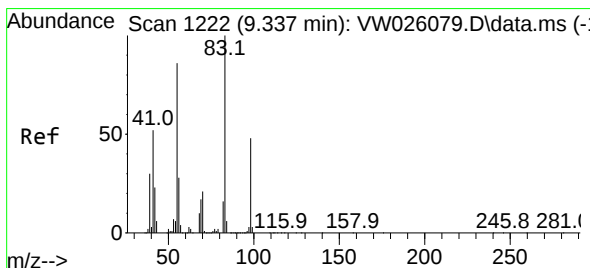
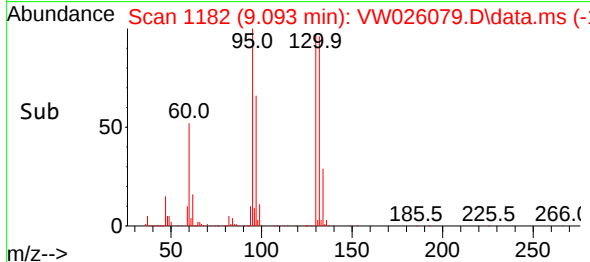
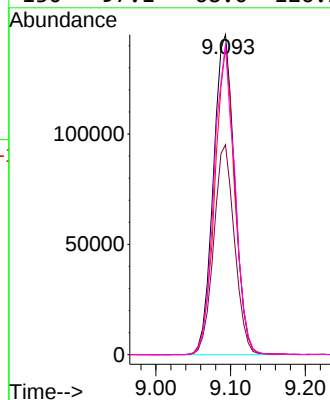
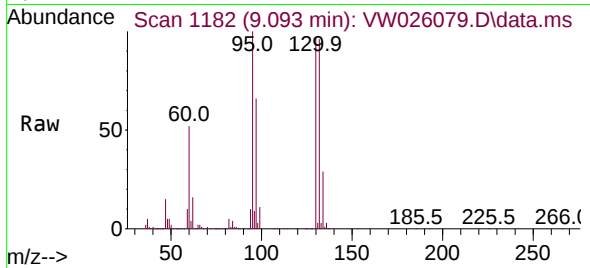


#34
Trichloroethene
Concen: 23.147 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

Tgt Ion: 95 Resp: 286796

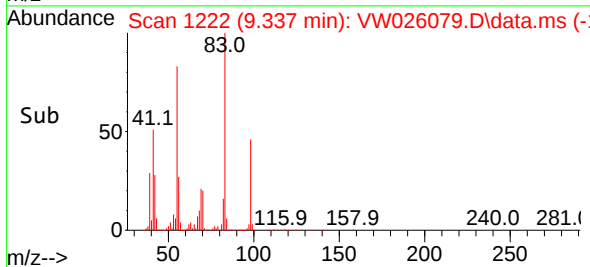
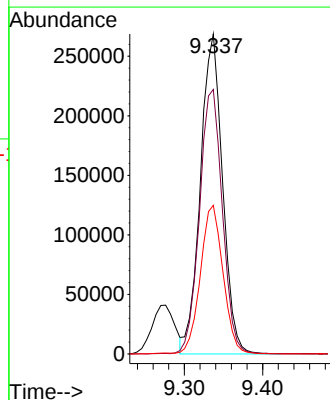
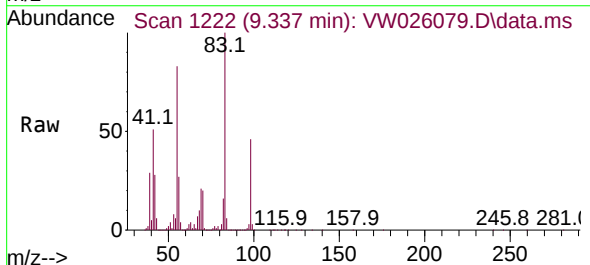
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.9	85.3
132	95.9	67.1	124.7
130	97.1	68.0	126.2

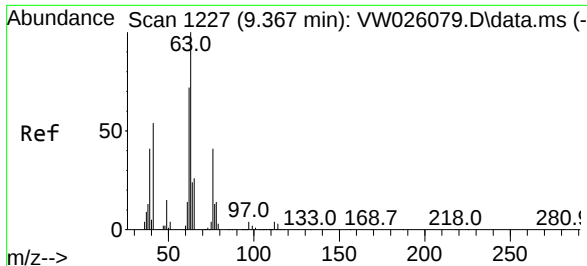


#35
Methylcyclohexane
Concen: 24.072 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 83 Resp: 527753

Ion	Ratio	Lower	Upper
83	100		
55	85.3	68.2	102.4
98	47.6	38.1	57.1





#37

1,2-Dichloropropane

Concen: 22.958 ug/L

RT: 9.367 min Scan# 112

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

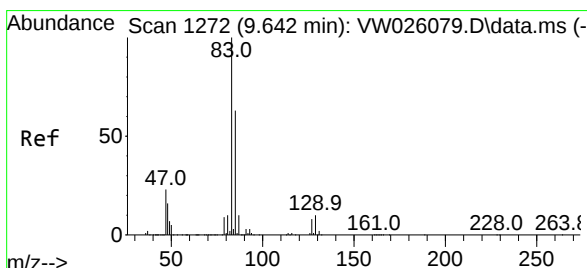
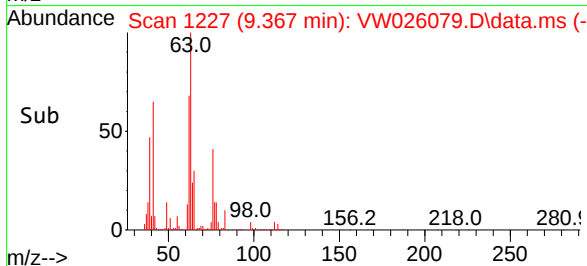
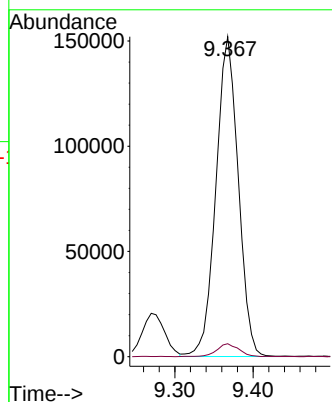
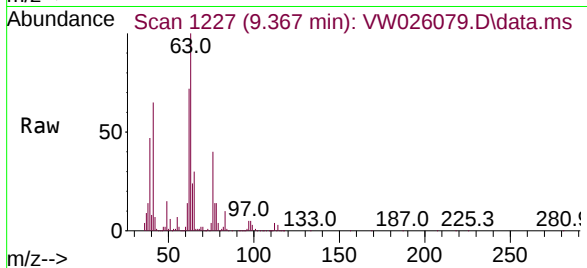
VSTD025459

Tgt Ion: 63 Resp: 300887

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 23.087 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

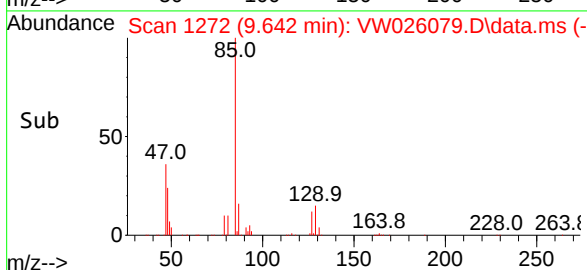
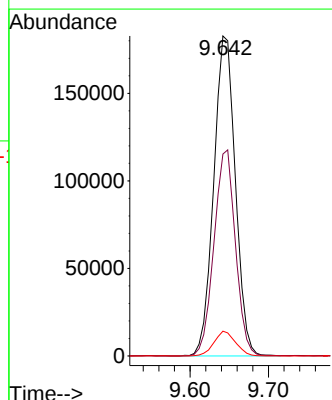
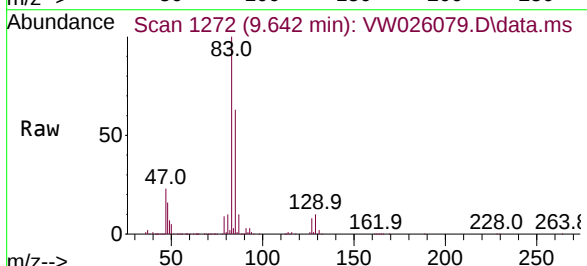
Tgt Ion: 83 Resp: 351526

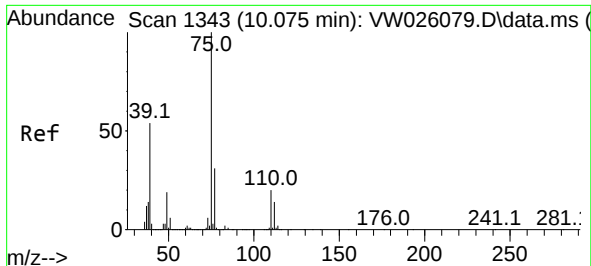
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.654 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

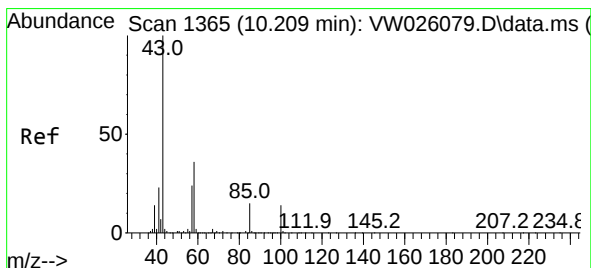
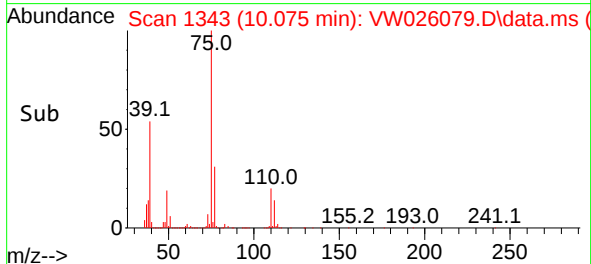
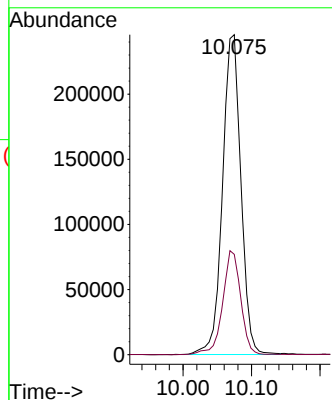
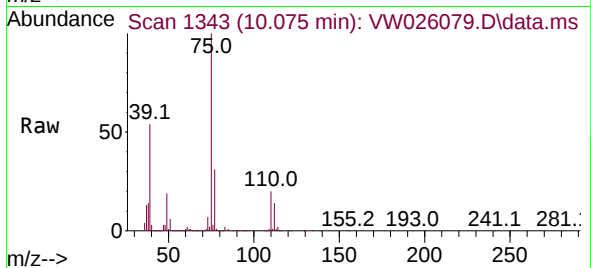
VSTD025459

Tgt Ion: 75 Resp: 455565

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 48.973 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

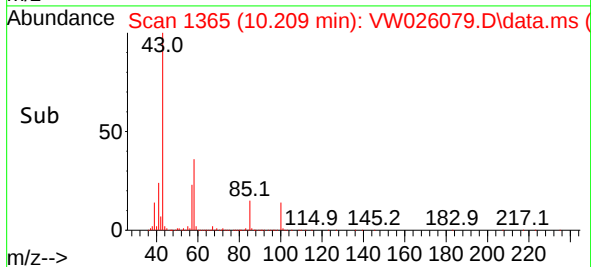
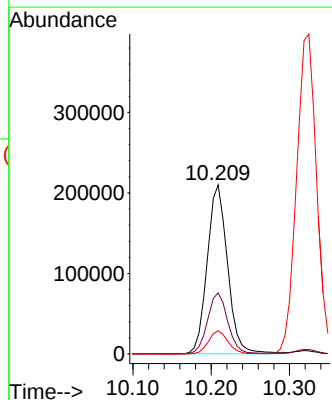
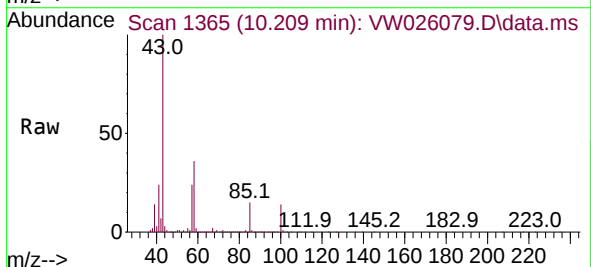
Tgt Ion: 43 Resp: 378398

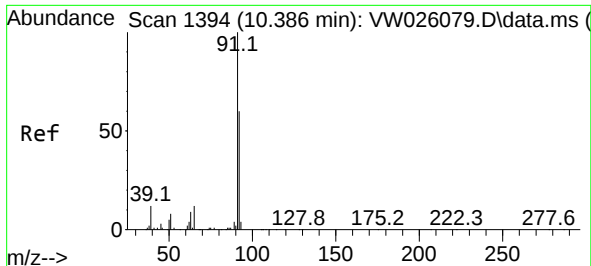
Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.4

100 13.1 10.5 15.7

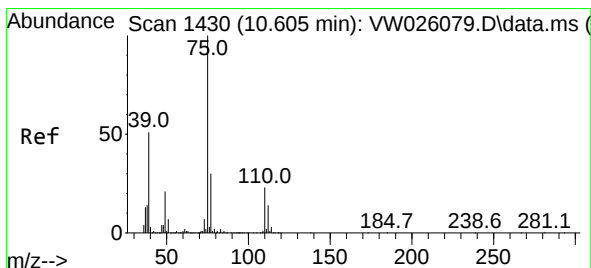
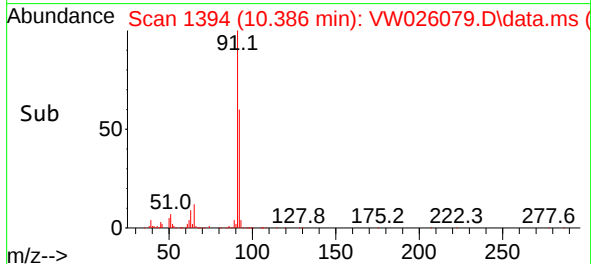
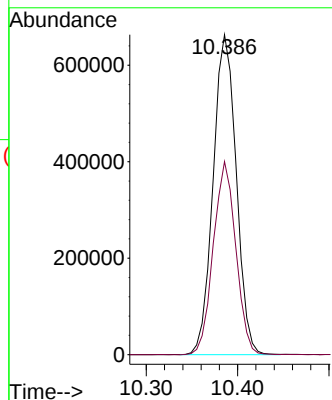
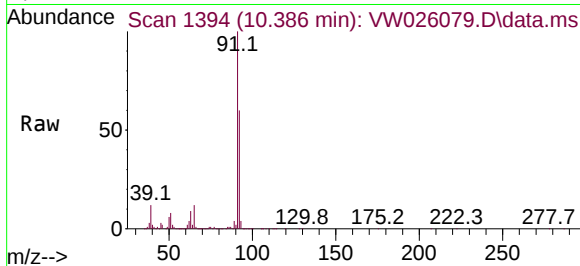




#42
Toluene
Concen: 23.529 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

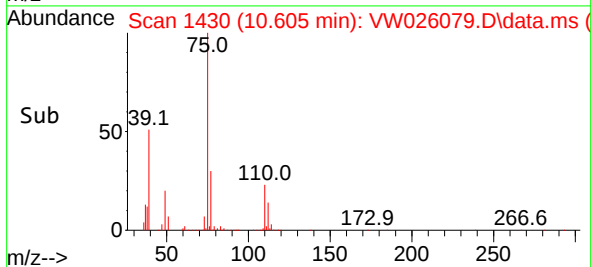
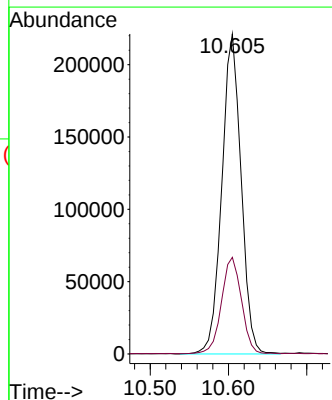
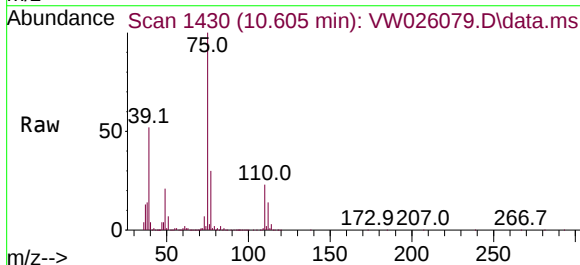
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

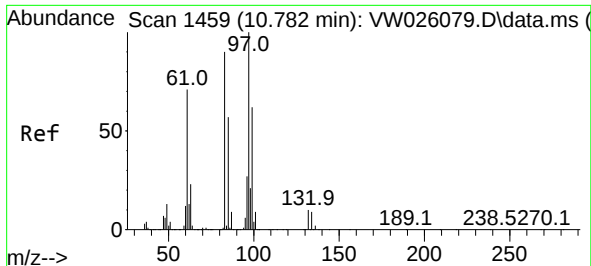
Tgt Ion: 91 Resp: 1164493
Ion Ratio Lower Upper
91 100
92 60.3 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 23.629 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 75 Resp: 379127
Ion Ratio Lower Upper
75 100
77 30.2 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 23.000 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025459

Tgt Ion: 97 Resp: 198665

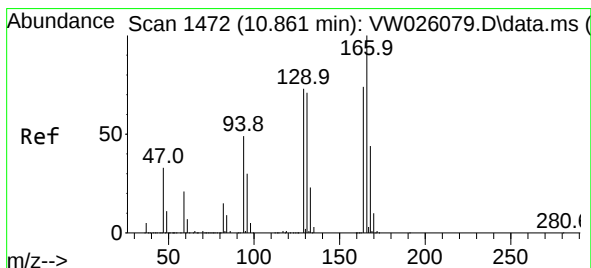
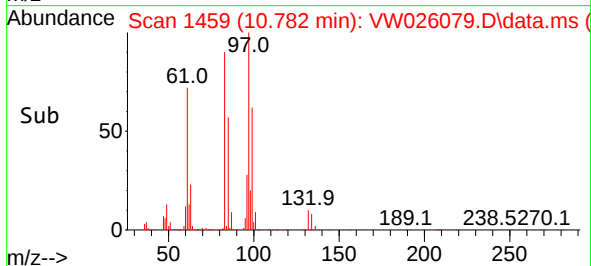
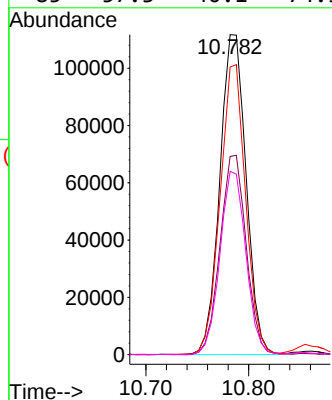
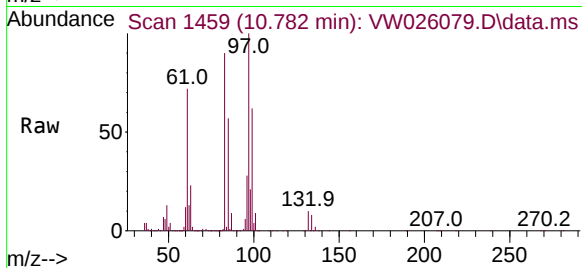
Ion Ratio Lower Upper

97 100

99 61.9 43.3 80.5

83 89.9 62.9 116.9

85 57.3 40.1 74.5



#46

Tetrachloroethene

Concen: 23.038 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Tgt Ion:164 Resp: 201899

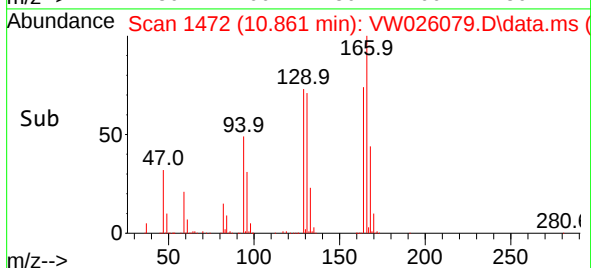
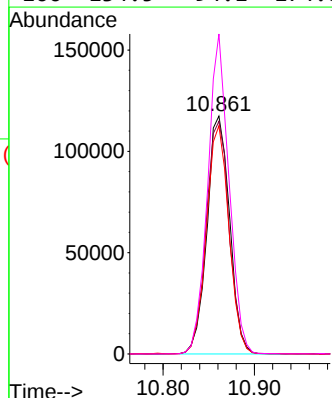
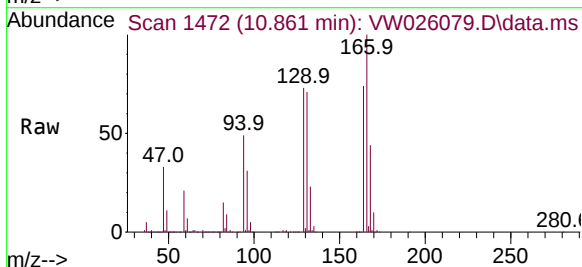
Ion Ratio Lower Upper

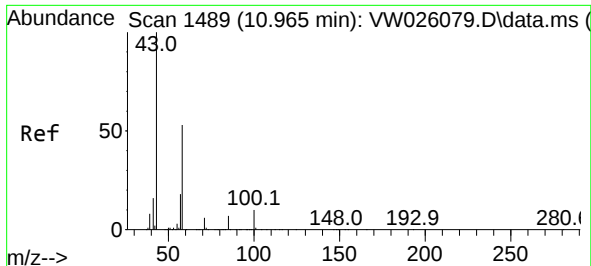
164 100

129 97.8 68.5 127.1

131 95.9 67.1 124.7

166 134.5 94.1 174.8

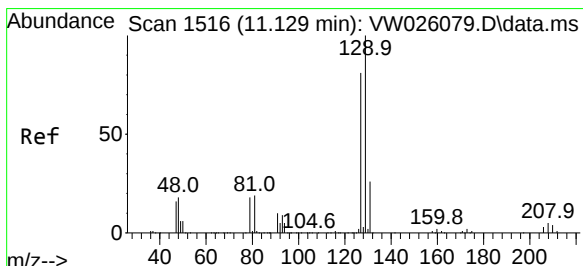
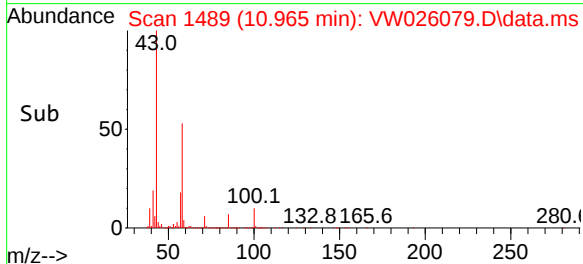
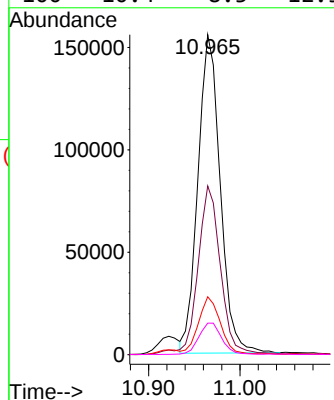
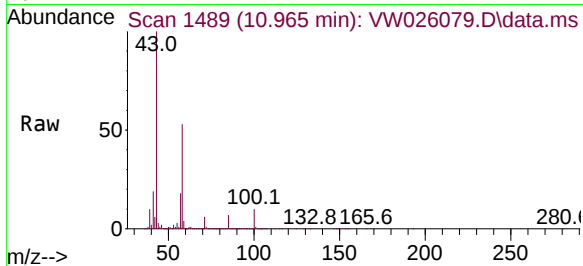




#48
2-Hexanone
Concen: 48.527 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

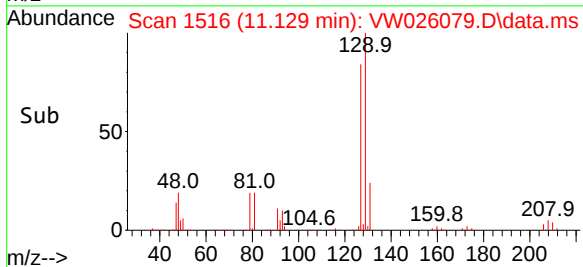
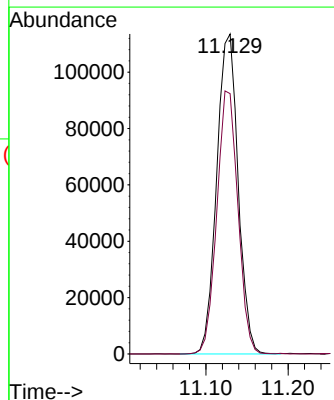
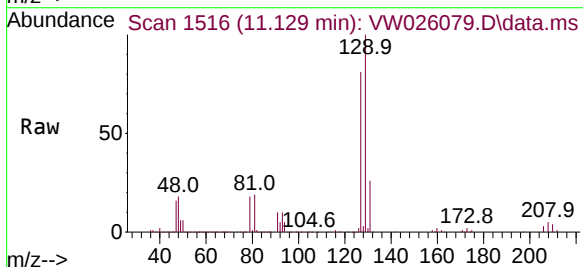
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

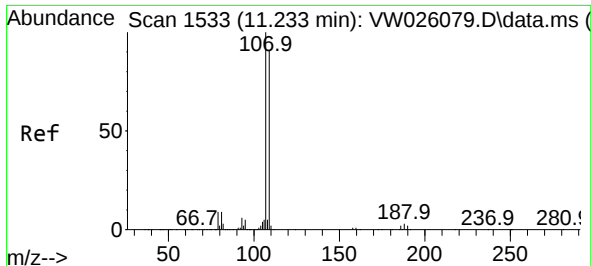
Tgt Ion: 43 Resp: 264380
Ion Ratio Lower Upper
43 100
58 52.7 42.2 63.2
57 17.7 14.2 21.2
100 10.4 8.3 12.5



#49
Dibromochloromethane
Concen: 22.712 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 129 Resp: 205682
Ion Ratio Lower Upper
129 100
127 81.3 56.9 105.7





#50

1,2-Dibromoethane

Concen: 22.716 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025459

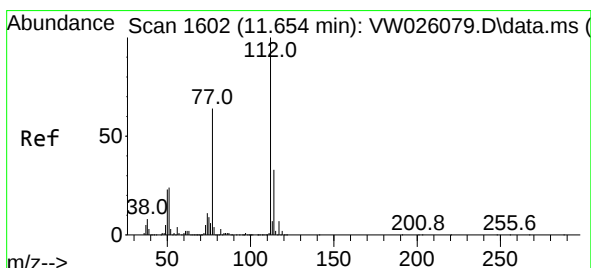
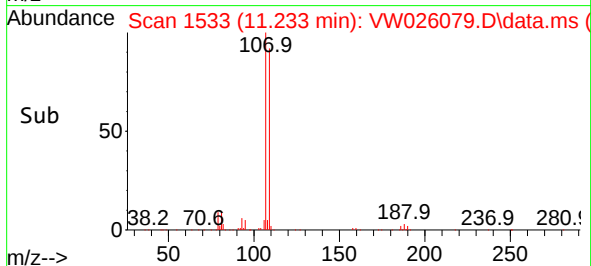
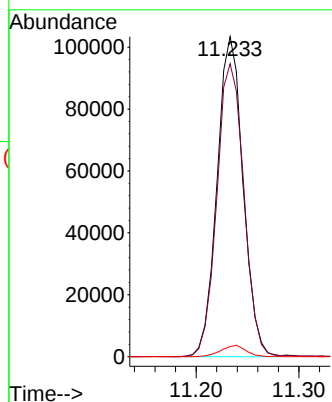
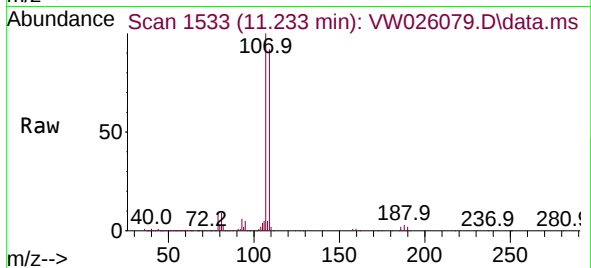
Tgt Ion:107 Resp: 181678

Ion Ratio Lower Upper

107 100

109 91.5 64.0 119.0

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 22.943 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

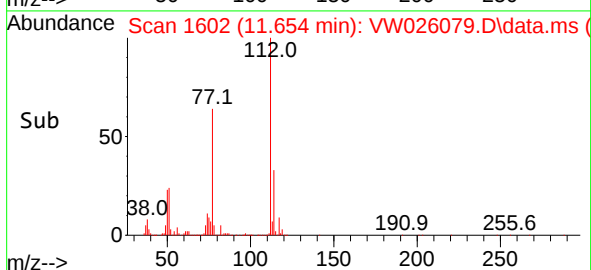
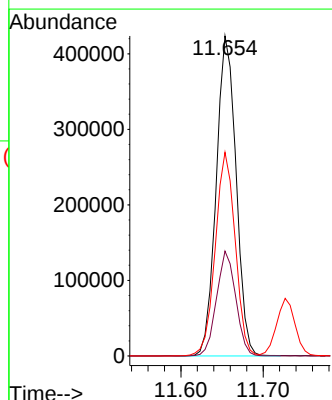
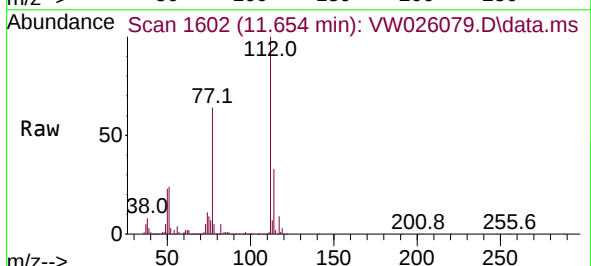
Tgt Ion:112 Resp: 711530

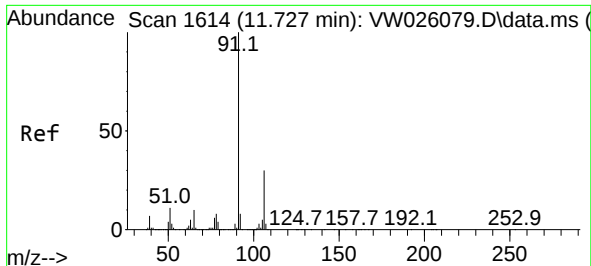
Ion Ratio Lower Upper

112 100

114 32.8 23.0 42.6

77 63.6 50.9 76.3





#52

Ethylbenzene

Concen: 23.498 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

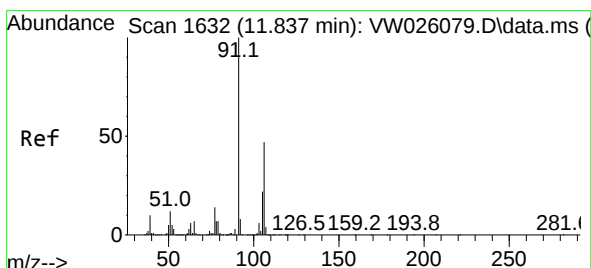
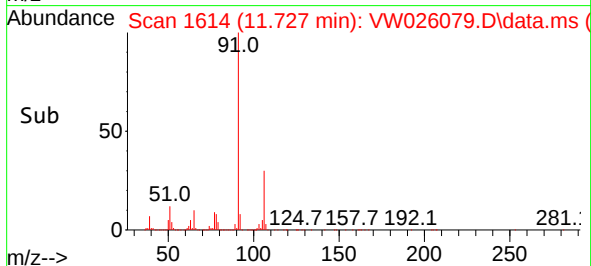
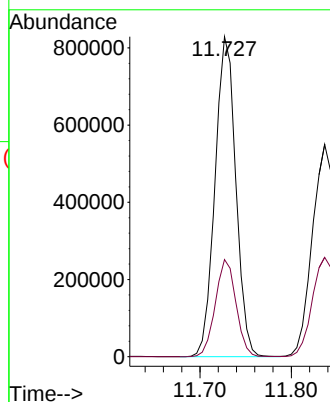
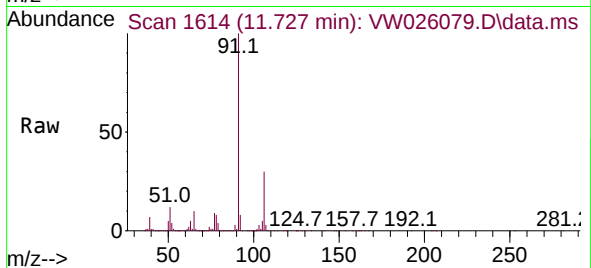
VSTD025459

Tgt Ion: 91 Resp: 1311886

Ion Ratio Lower Upper

91 100

106 30.3 21.2 39.4



#53

m,p-Xylene

Concen: 23.392 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW026079.D

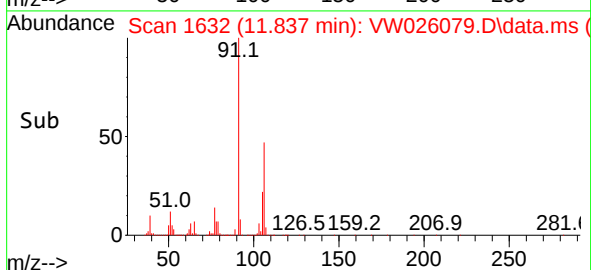
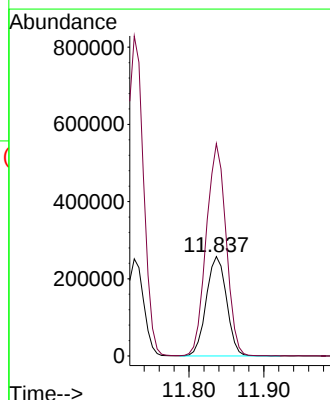
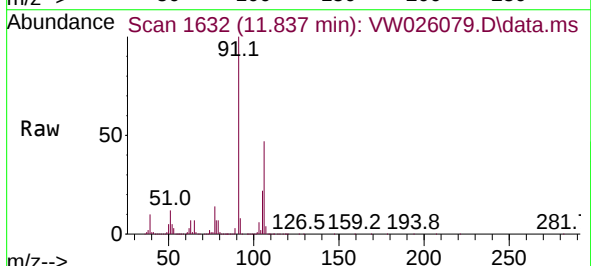
Acq: 30 May 2023 09:47

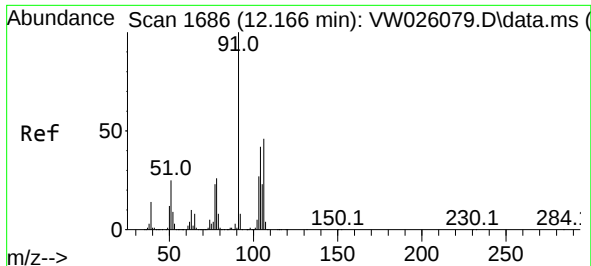
Tgt Ion:106 Resp: 485829

Ion Ratio Lower Upper

106 100

91 213.6 149.5 277.7

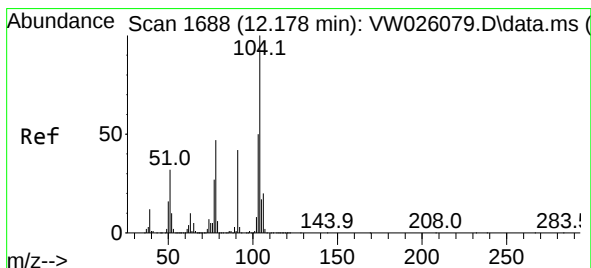
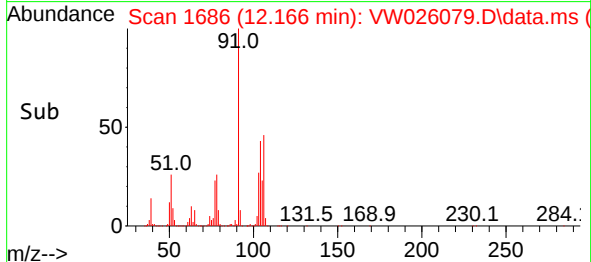
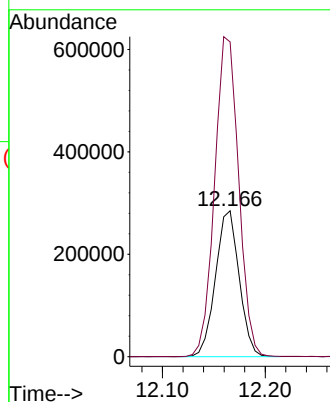
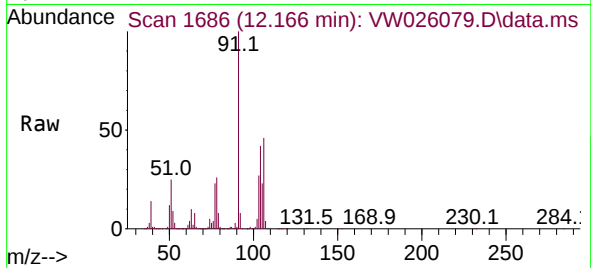




#54
o-Xylene
Concen: 23.213 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

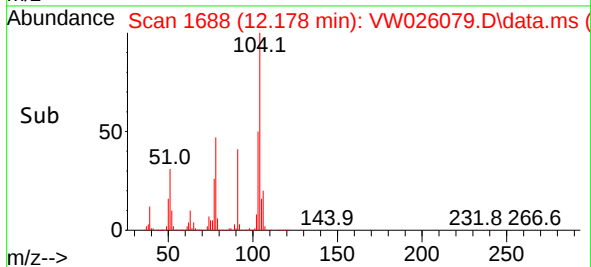
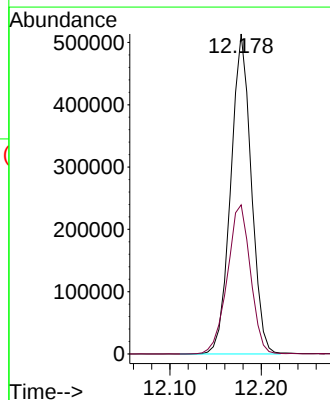
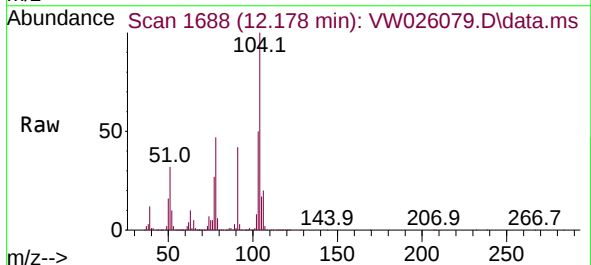
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

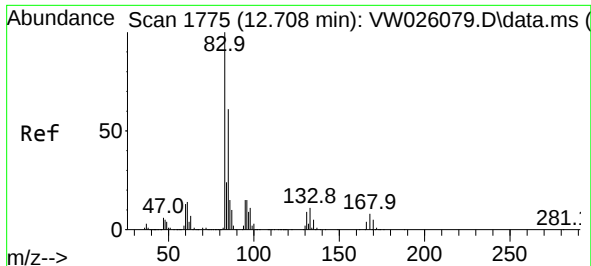
Tgt Ion:106 Resp: 455034
Ion Ratio Lower Upper
106 100
91 215.6 150.9 280.3



#55
Styrene
Concen: 23.801 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion:104 Resp: 800428
Ion Ratio Lower Upper
104 100
78 46.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.949 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025459

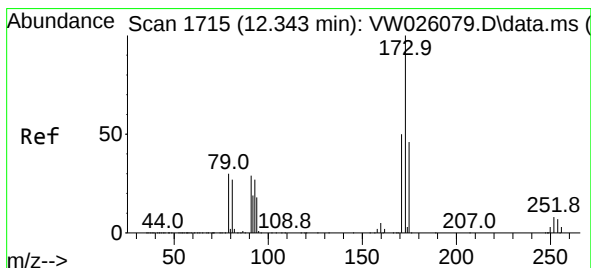
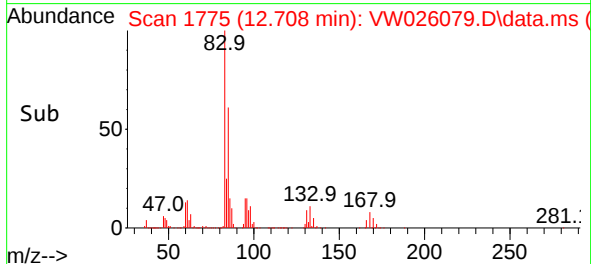
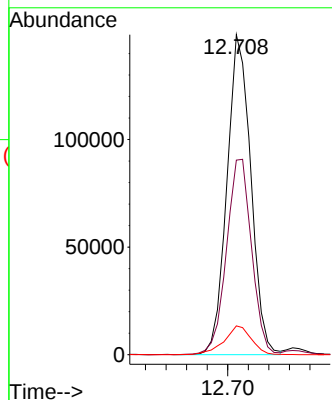
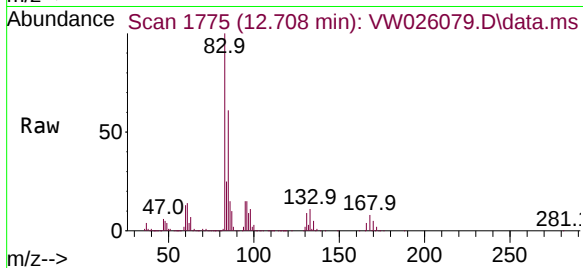
Tgt Ion: 83 Resp: 239889

Ion Ratio Lower Upper

83 100

85 60.8 42.6 79.0

131 9.0 7.2 10.8



#59

Bromoform

Concen: 21.845 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

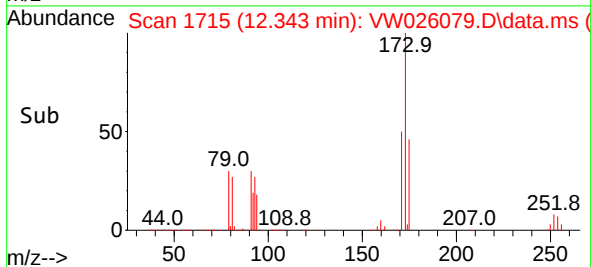
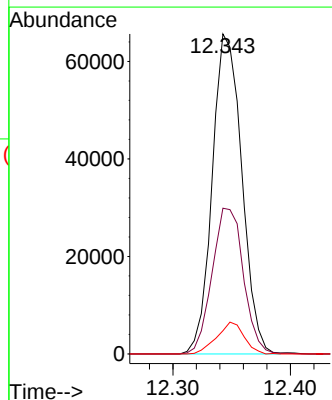
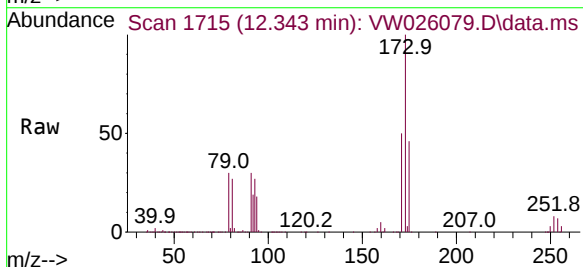
Tgt Ion: 173 Resp: 114753

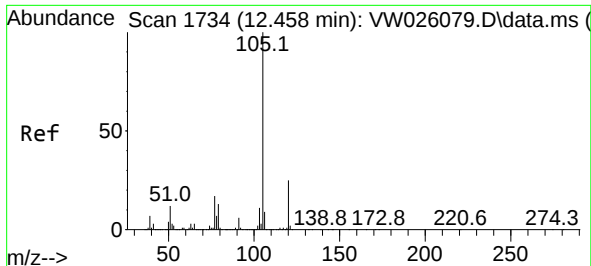
Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

254 9.2 7.4 11.0

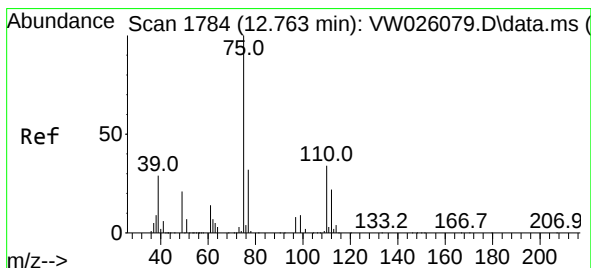
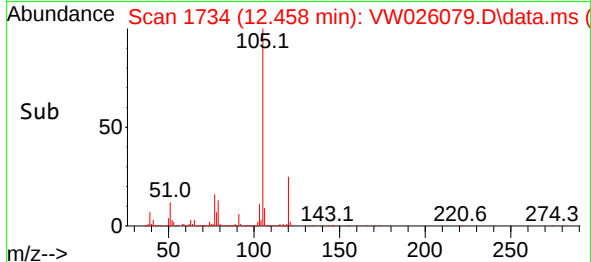
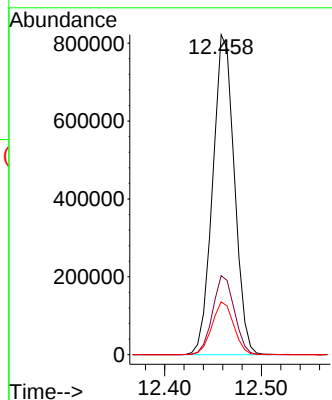
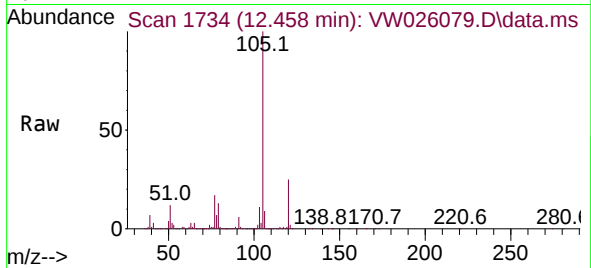




#60
Isopropylbenzene
Concen: 23.296 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

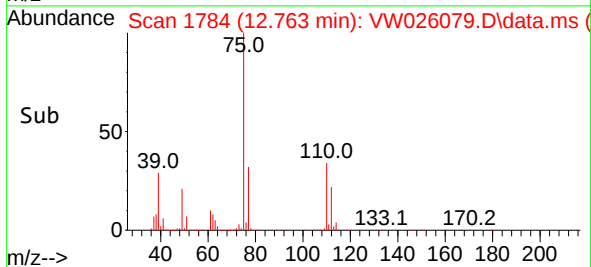
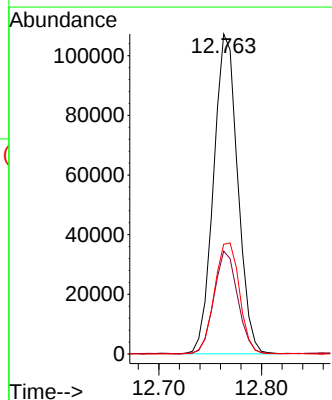
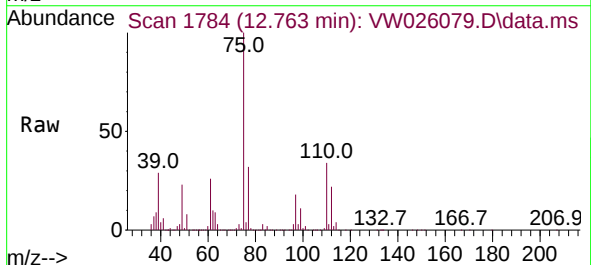
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

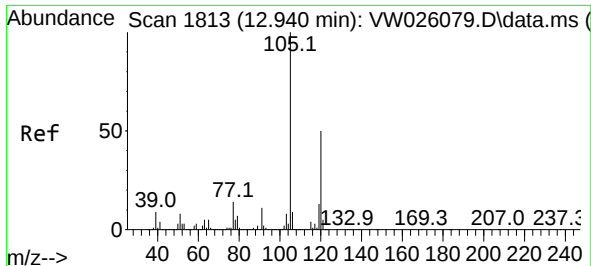
Tgt Ion:105 Resp: 1279888
Ion Ratio Lower Upper
105 100
120 24.8 19.8 29.8
77 16.6 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 22.345 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion: 75 Resp: 175050
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
110 35.9 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 23.232 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

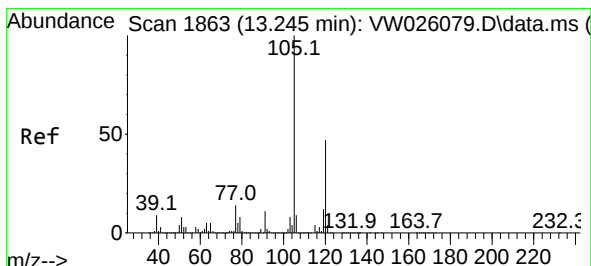
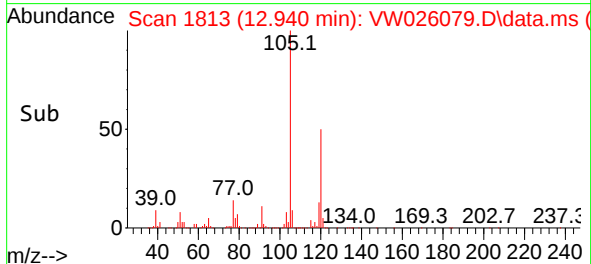
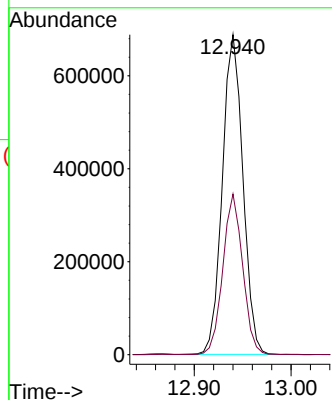
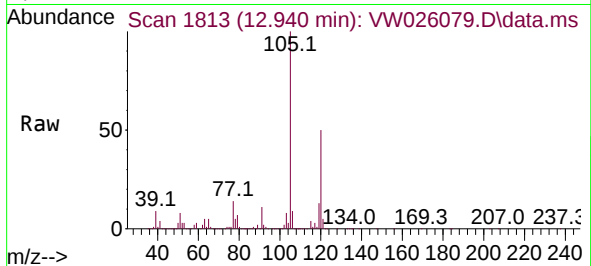
VSTD025459

Tgt Ion:105 Resp: 1014652

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.468 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026079.D

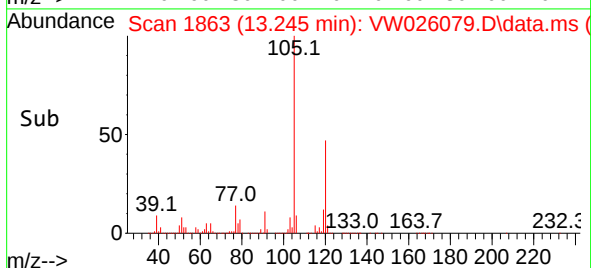
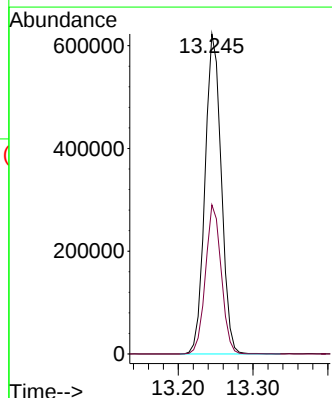
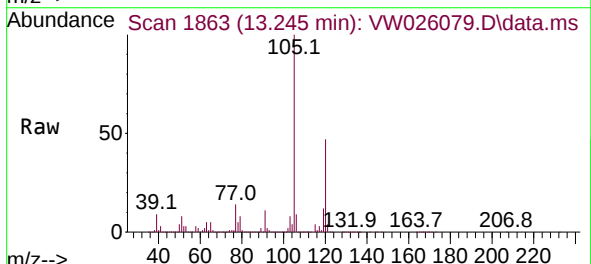
Acq: 30 May 2023 09:47

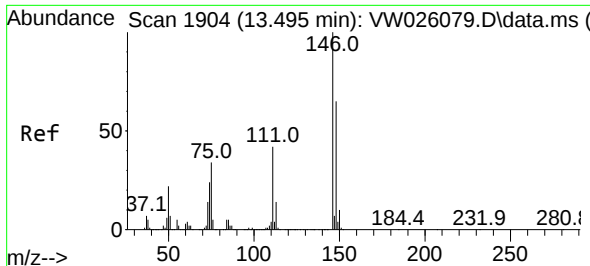
Tgt Ion:105 Resp: 938761

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2

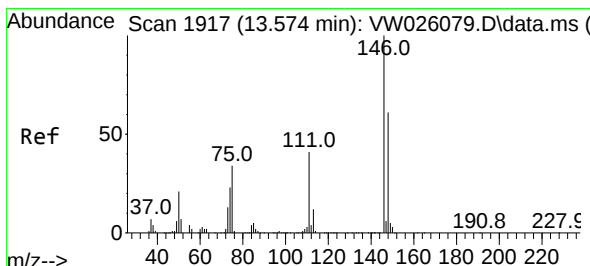
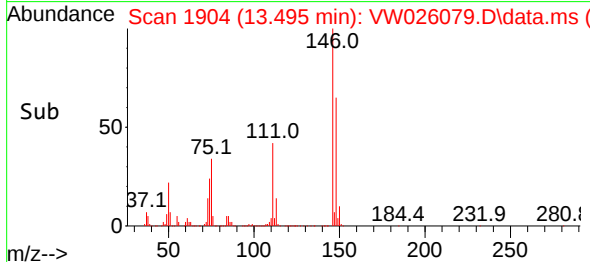
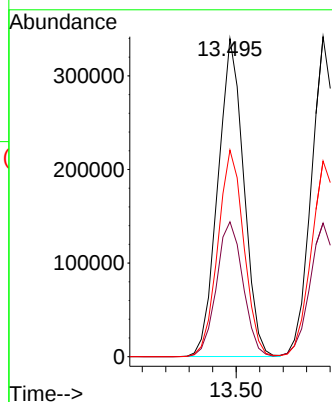
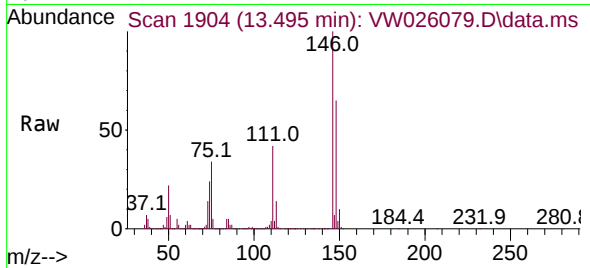




#64
1,3-Dichlorobenzene
Concen: 22.474 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

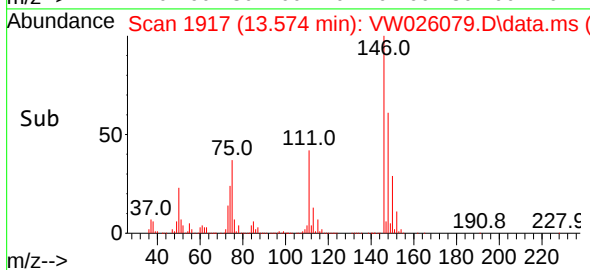
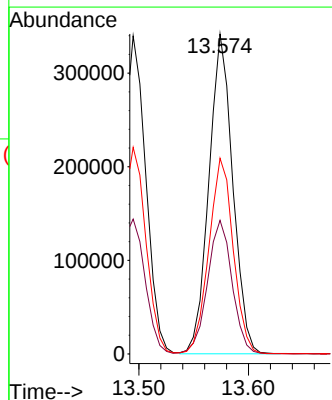
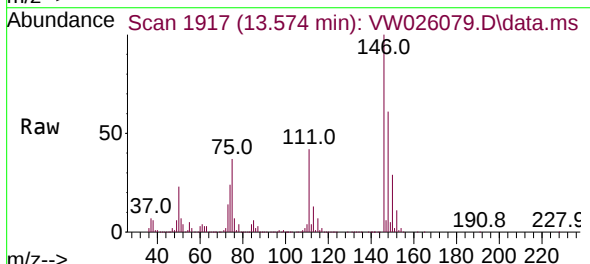
Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

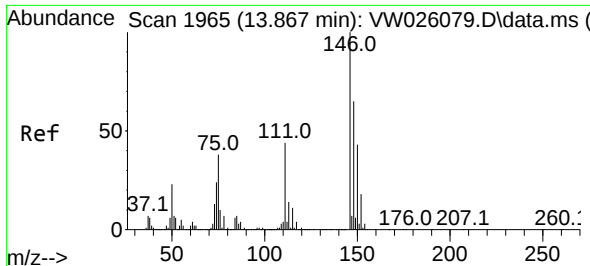
Tgt Ion:146 Resp: 519167
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 64.9 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 22.205 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion:146 Resp: 516434
Ion Ratio Lower Upper
146 100
111 41.7 29.2 54.2
148 61.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 22.143 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025459

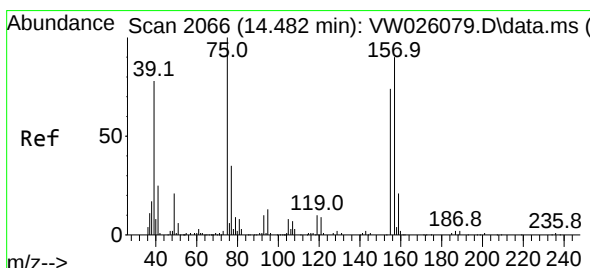
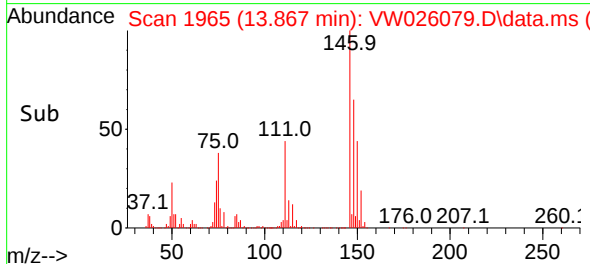
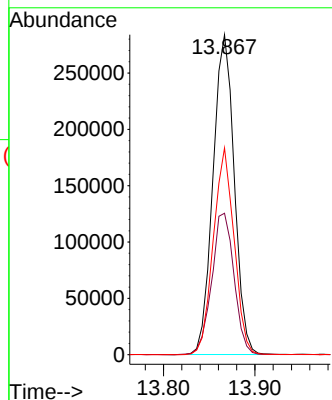
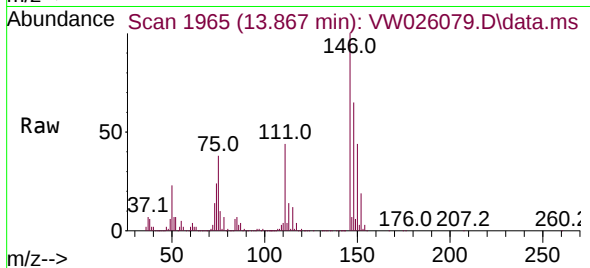
Tgt Ion:146 Resp: 459339

Ion Ratio Lower Upper

146 100

111 44.2 35.4 53.0

148 64.6 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.816 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

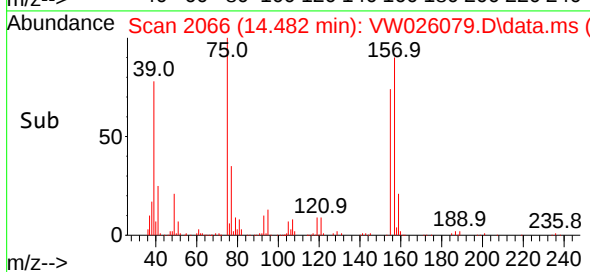
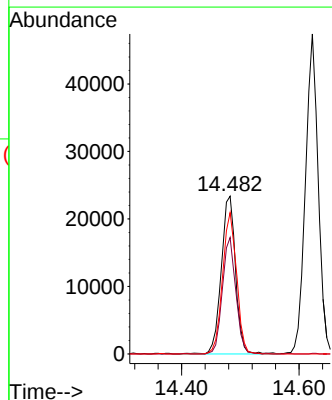
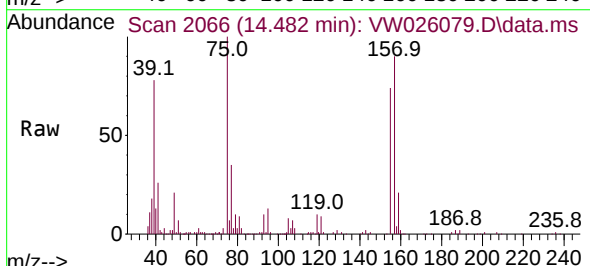
Tgt Ion: 75 Resp: 39596

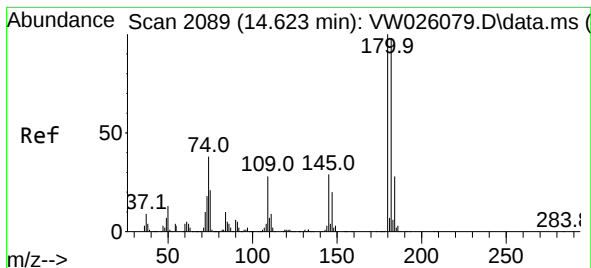
Ion Ratio Lower Upper

75 100

155 73.8 59.0 88.6

157 89.6 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 21.356 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025459

Tgt Ion:180 Resp: 338885

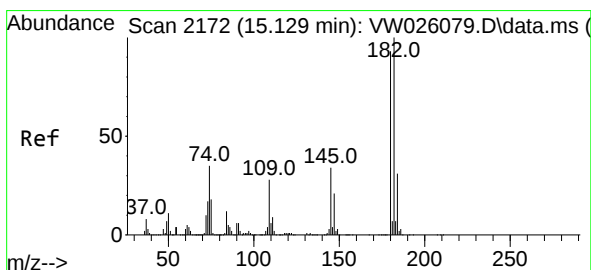
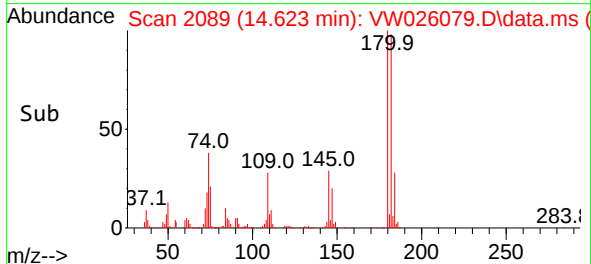
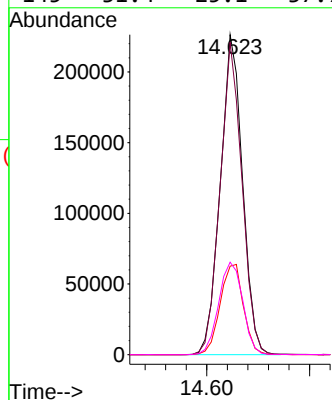
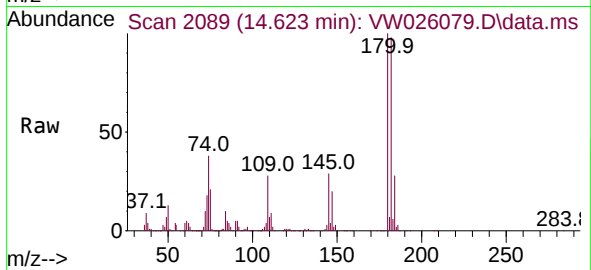
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 29.6 23.7 35.5

145 31.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 21.686 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026079.D

Acq: 30 May 2023 09:47

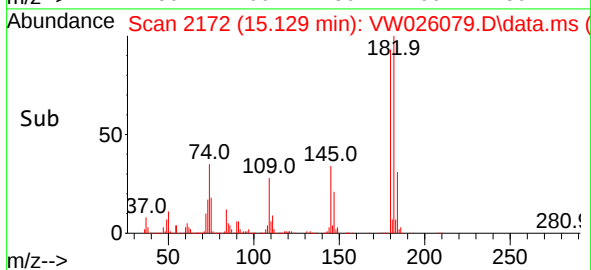
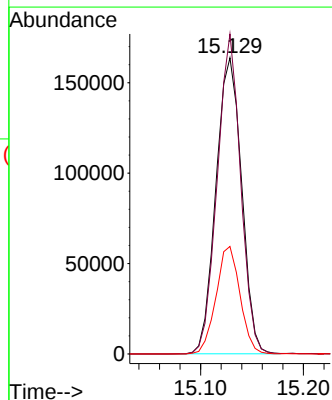
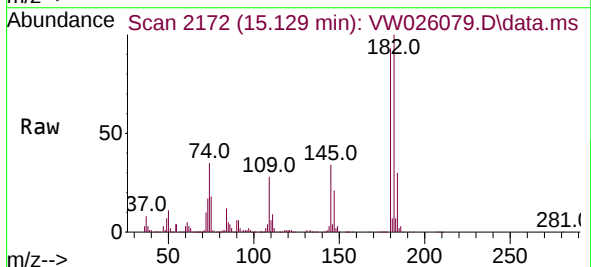
Tgt Ion:180 Resp: 283953

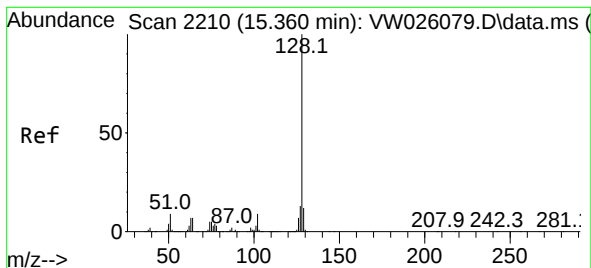
Ion Ratio Lower Upper

180 100

182 98.6 78.9 118.3

145 34.0 27.2 40.8

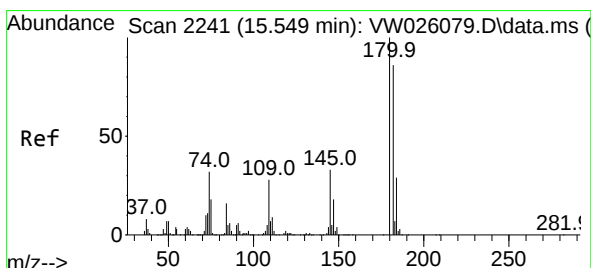
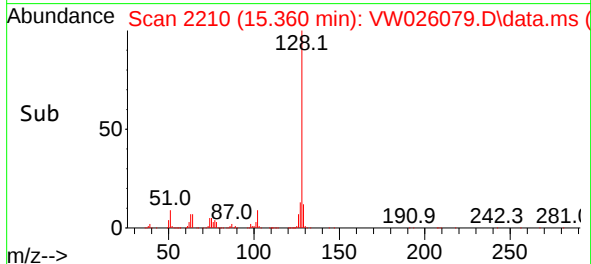
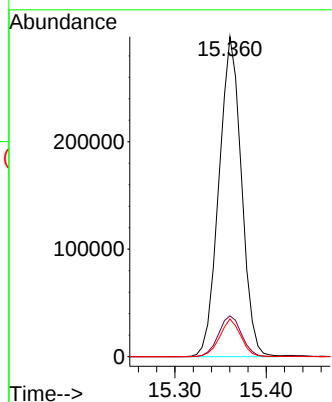
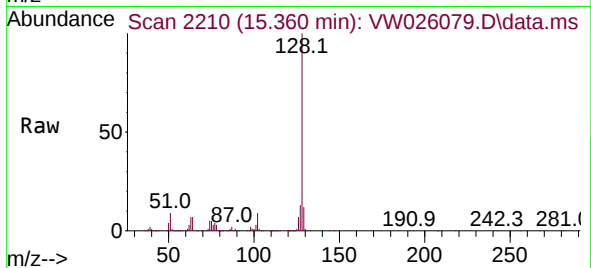




#71
Naphthalene
Concen: 21.850 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025459

Tgt Ion:128 Resp: 509919
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.080 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026079.D
Acq: 30 May 2023 09:47

Tgt Ion:180 Resp: 241225
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 33.8 27.0 40.6

