

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026084.D
 Acq On : 30 May 2023 12:34
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV464

Quant Time: May 31 01:51:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	801615	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	696646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	351045	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	270774	24.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.040%
7) Chloroethane-d5	2.893	69	211794	25.089	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.360%
11) 1,1-Dichloroethene-d2	4.021	65	151869	27.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.240%
21) 2-Butanone-d5	7.075	46	176595	53.788	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.580%
24) Chloroform-d	7.648	84	604322	25.744	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.307	65	327273	25.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	8.270	84	1230634	26.253	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	9.276	67	392585	26.435	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.760%
41) Toluene-d8	10.325	98	1081181	26.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.040%
43) trans-1,3-Dichloroprop...	10.575	79	150145	25.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.040%
47) 2-Hexanone-d5	10.922	63	125972	53.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	279677	25.880	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	330676	24.610	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	181144	18.434	ug/L	# 89
3) Chloromethane	2.223	50	302049	23.972	ug/L	97
5) Vinyl chloride	2.375	62	281560	20.905	ug/L	98
6) Bromomethane	2.783	94	153316	20.881	ug/L	98
8) Chloroethane	2.930	64	157933	21.700	ug/L	99
9) Trichlorofluoromethane	3.265	101	189601	21.882	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	247510	22.638	ug/L	98
12) 1,1-Dichloroethene	4.045	96	236274	23.150	ug/L	94
13) Acetone	4.119	43	107978	42.504	ug/L	99
14) Carbon disulfide	4.393	76	826850	22.949	ug/L	99
15) Methyl Acetate	4.667	43	137464	24.110	ug/L	99
16) Methylene chloride	4.923	84	284126	22.207	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	259798	22.688	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	418537	23.190	ug/L	99
19) 1,1-Dichloroethane	6.216	63	496197	21.284	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	284194	23.430	ug/L	99
22) 2-Butanone	7.167	43	171984	47.459	ug/L	95
23) Bromochloromethane	7.514	128	116680	22.556	ug/L	96
25) Chloroform	7.679	83	497166	22.897	ug/L	99

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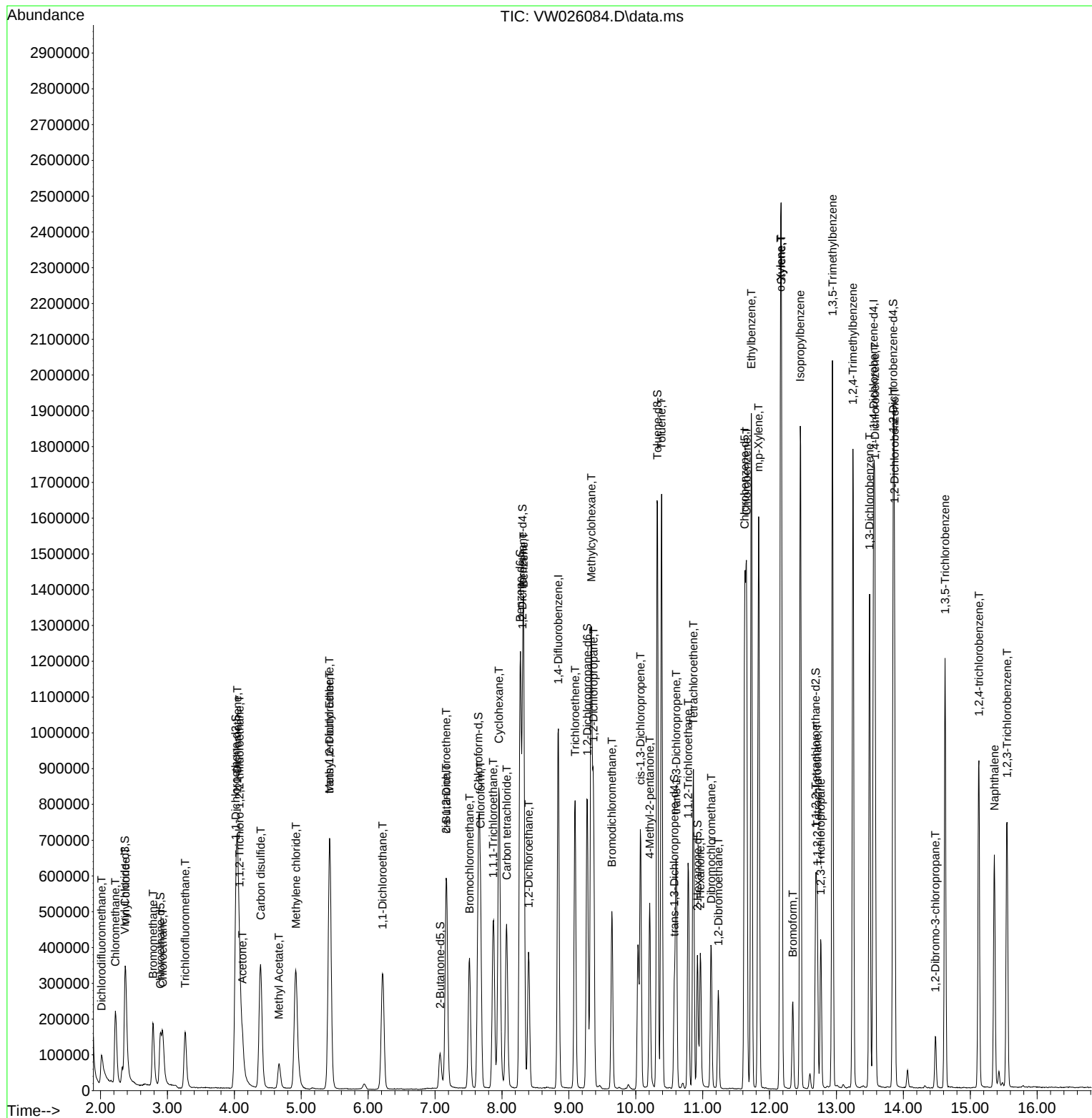
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	348023	23.239	ug/L	97
29) Cyclohexane	7.953	56	494049	22.971	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	382634	22.633	ug/L	98
31) Carbon tetrachloride	8.069	117	343367	22.257	ug/L	100
33) Benzene	8.325	78	1126451	23.604	ug/L	100
34) Trichloroethene	9.093	95	283052	23.163	ug/L	96
35) Methylcyclohexane	9.337	83	495579	22.919	ug/L	99
37) 1,2-Dichloropropane	9.368	63	305442	23.630	ug/L	100
38) Bromodichloromethane	9.642	83	333191	22.187	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	428061	22.535	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	359319	47.151	ug/L	98
42) Toluene	10.386	91	1151387	23.588	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	362114	22.883	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	193696	22.737	ug/L	99
46) Tetrachloroethene	10.861	164	193671	22.407	ug/L	95
48) 2-Hexanone	10.965	43	258236	48.059	ug/L	99
49) Dibromochloromethane	11.130	129	208838	23.382	ug/L	96
50) 1,2-Dibromoethane	11.233	107	178432	22.621	ug/L	92
51) Chlorobenzene	11.654	112	695639	22.743	ug/L	97
52) Ethylbenzene	11.727	91	1290389	23.435	ug/L	99
53) m,p-Xylene	11.837	106	475824	23.229	ug/L	97
54) o-Xylene	12.166	106	426556	22.063	ug/L	100
55) Styrene	12.178	104	744404	22.443	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	239058	23.188	ug/L	98
59) Bromoform	12.349	173	106703	20.237	ug/L	98
60) Isopropylbenzene	12.459	105	1191400	21.604	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	177406	22.561	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	999517	22.800	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	925611	23.053	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	525022	22.643	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	513421	21.993	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	462429	22.209	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	39443	21.650	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	323708	20.323	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	279394	21.258	ug/L	93
71) Naphthalene	15.360	128	521502	22.263	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	231845	20.184	ug/L	99

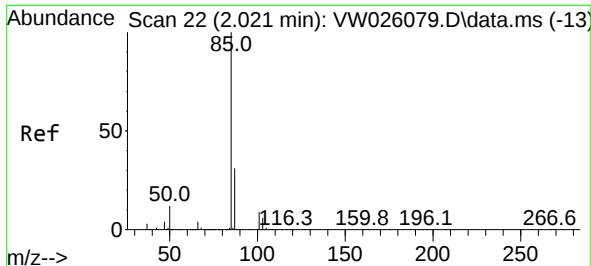
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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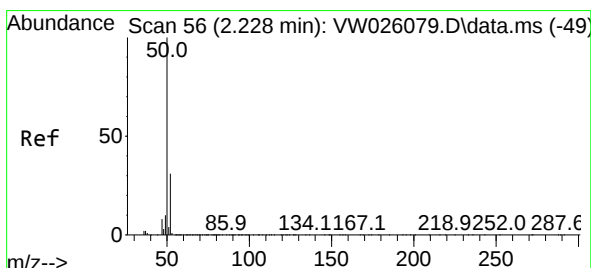
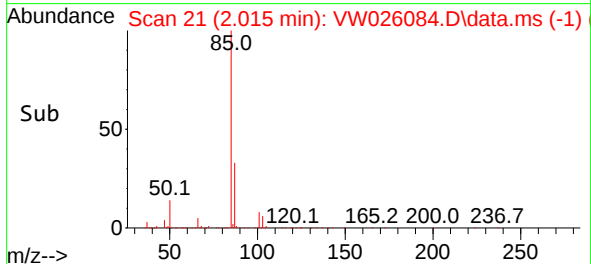
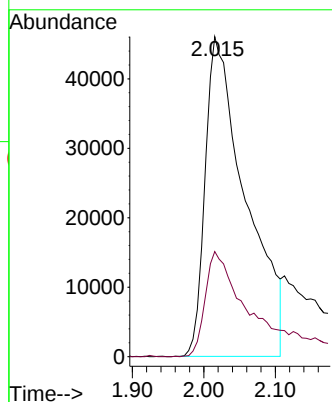
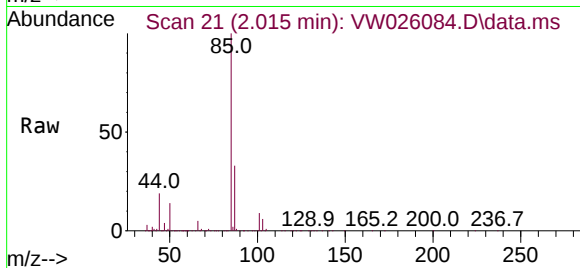




#2
Dichlorodifluoromethane
Concen: 18.434 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

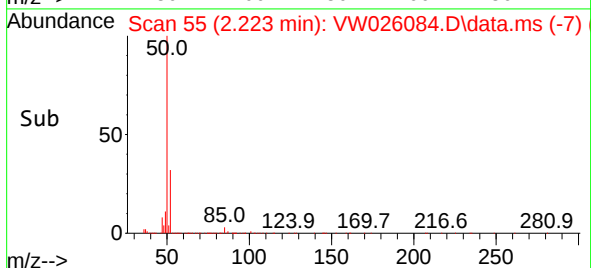
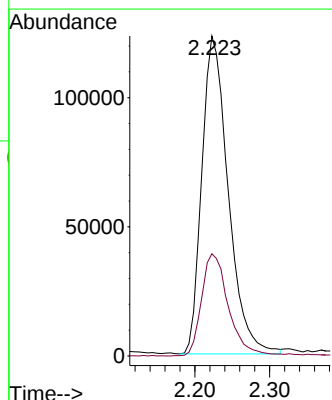
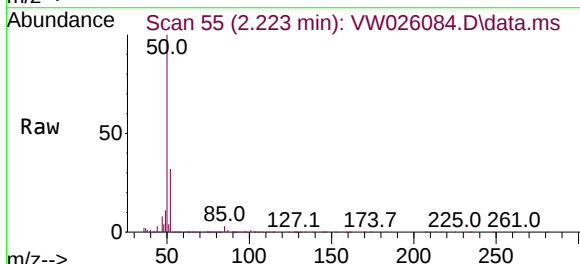
Instrument :
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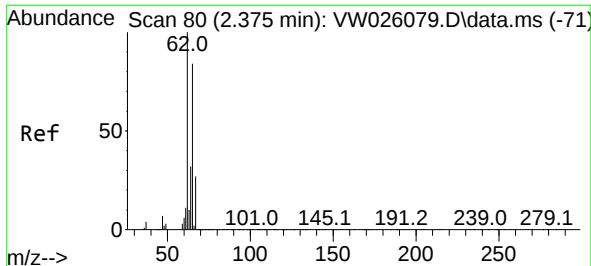
Tgt Ion: 85 Resp: 181144
Ion Ratio Lower Upper
85 100
87 33.4 22.2 33.2#



#3
Chloromethane
Concen: 23.972 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion: 50 Resp: 302049
Ion Ratio Lower Upper
50 100
52 31.9 21.3 39.6

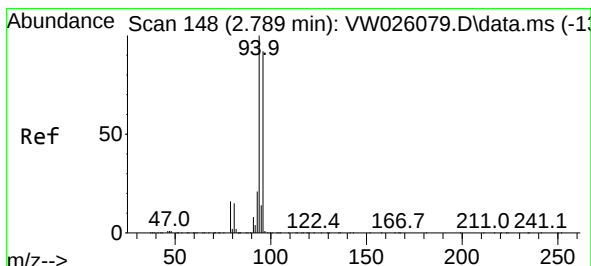
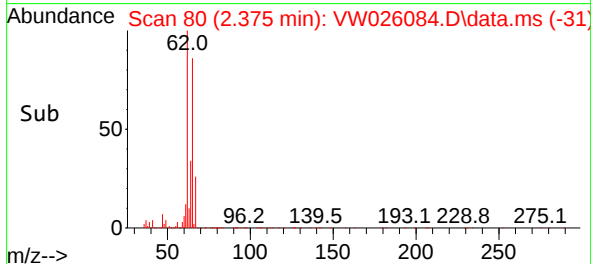
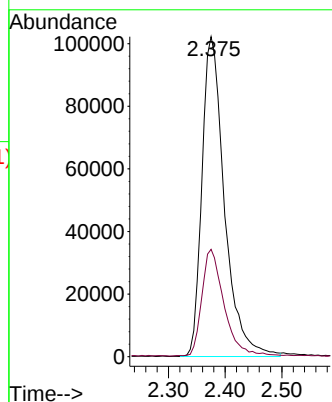
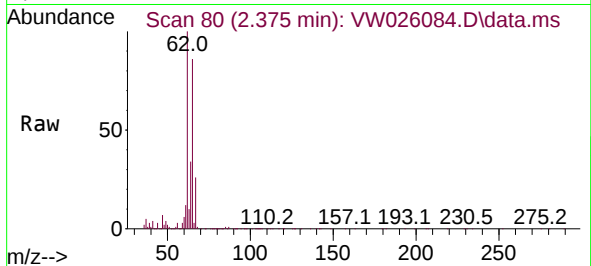




#5
 Vinyl chloride
 Concen: 20.905 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026084.D
 Acq: 30 May 2023 12:34

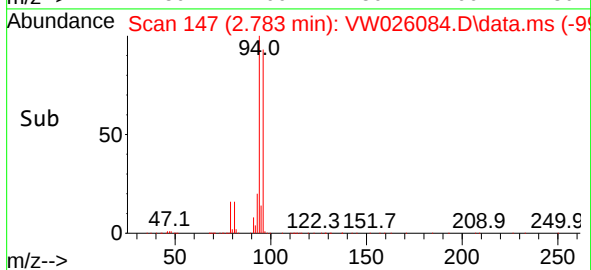
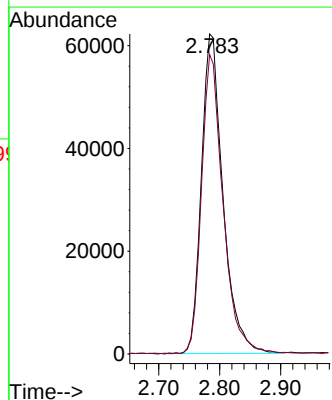
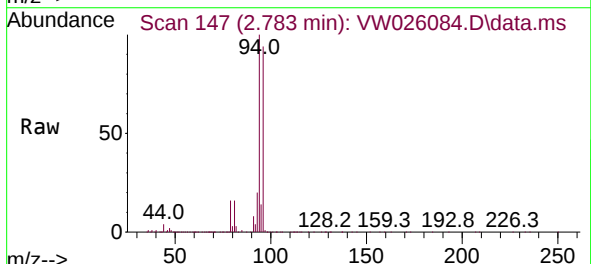
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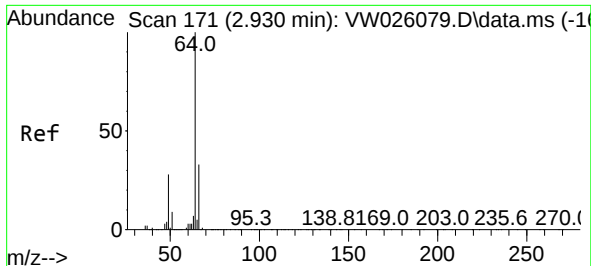
Tgt Ion: 62 Resp: 281560
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.1



#6
 Bromomethane
 Concen: 20.881 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026084.D
 Acq: 30 May 2023 12:34

Tgt Ion: 94 Resp: 153316
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.2 119.2

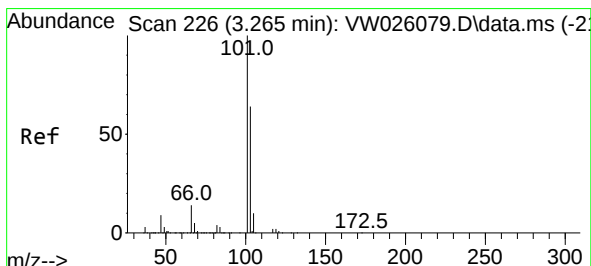
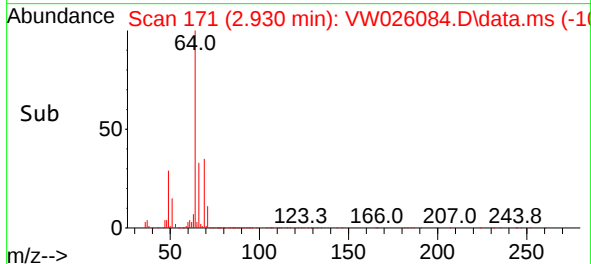
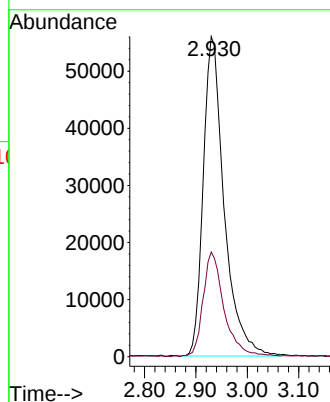
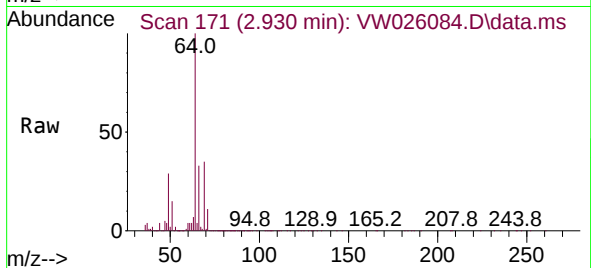




#8
Chloroethane
Concen: 21.700 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

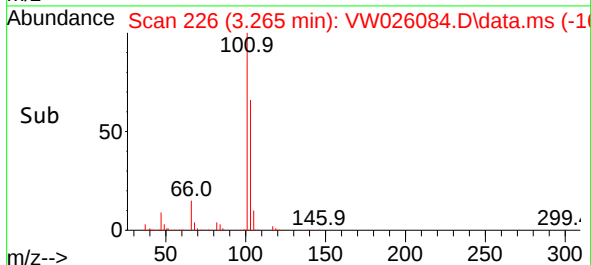
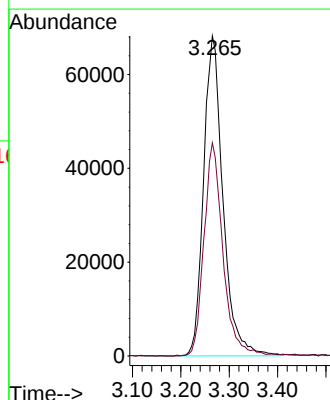
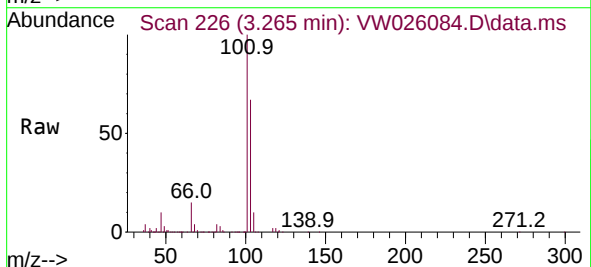
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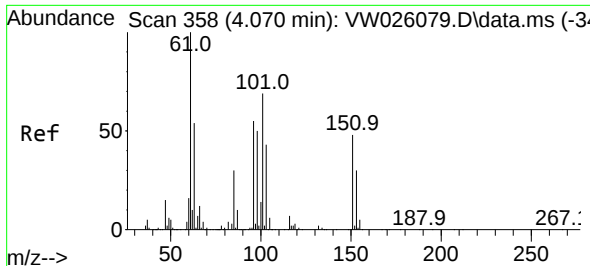
Tgt Ion: 64 Resp: 157933
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 21.882 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:101 Resp: 189601
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

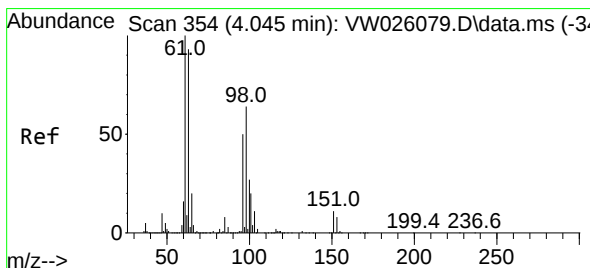
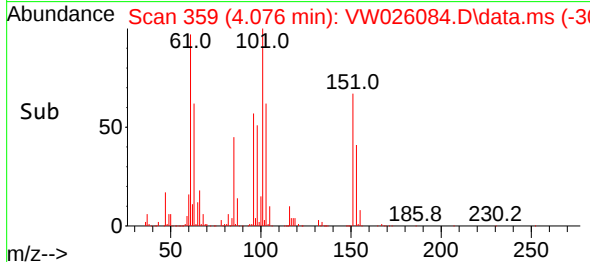
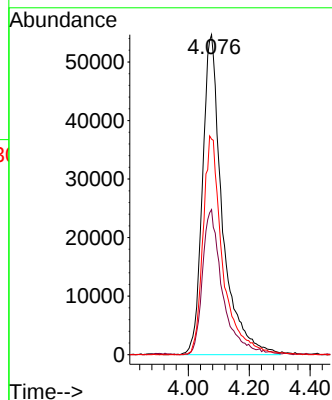
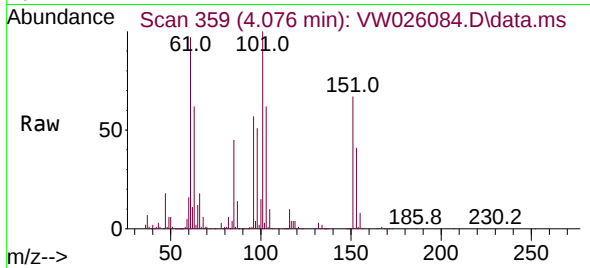




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.638 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026084.D
 Acq: 30 May 2023 12:34

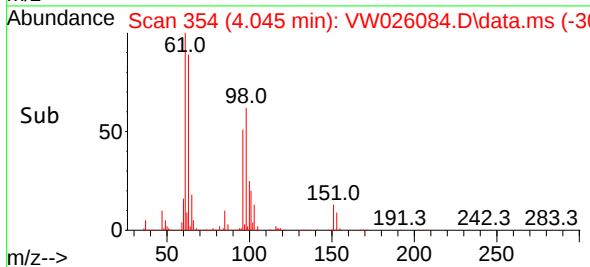
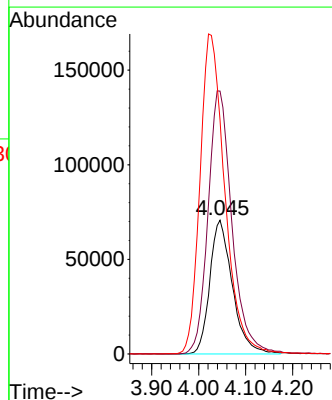
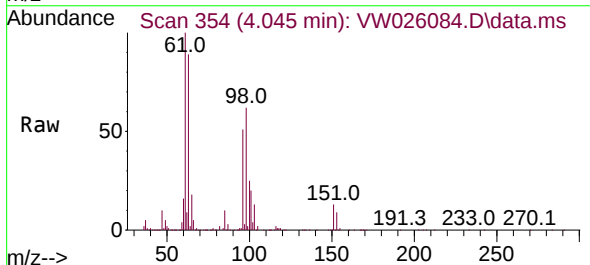
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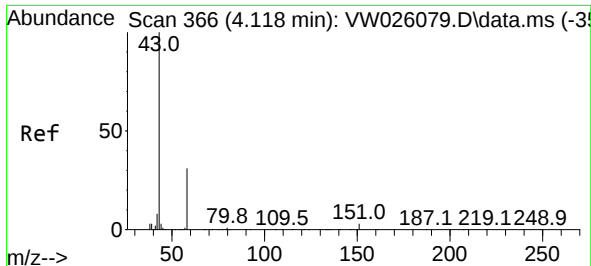
Tgt Ion:101 Resp: 247510
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.1 54.1
 151 66.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 23.150 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026084.D
 Acq: 30 May 2023 12:34

Tgt Ion: 96 Resp: 236274
 Ion Ratio Lower Upper
 96 100
 61 196.6 140.6 261.0
 63 175.0 131.7 244.5

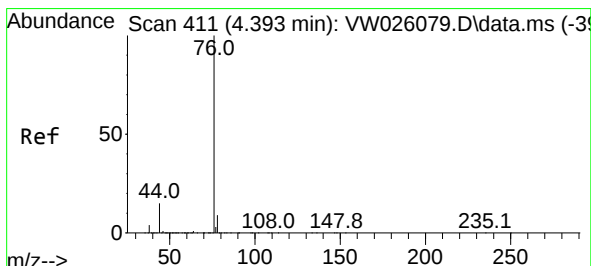
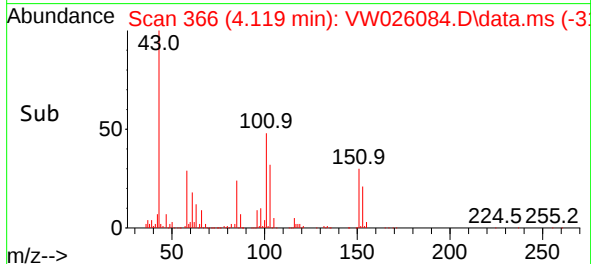
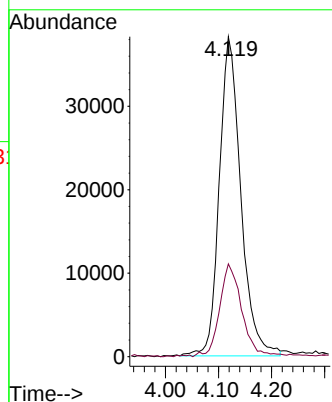
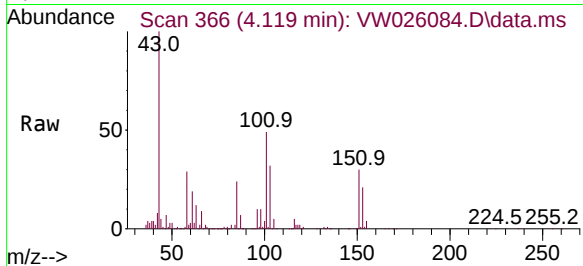




#13
Acetone
Concen: 42.504 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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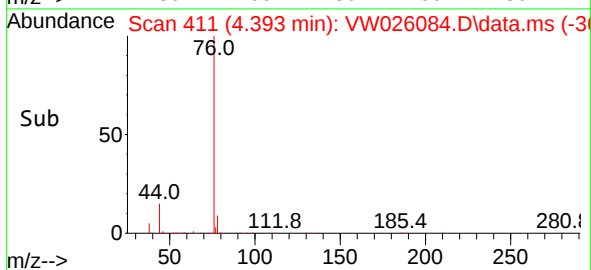
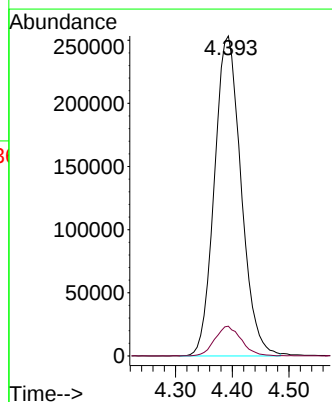
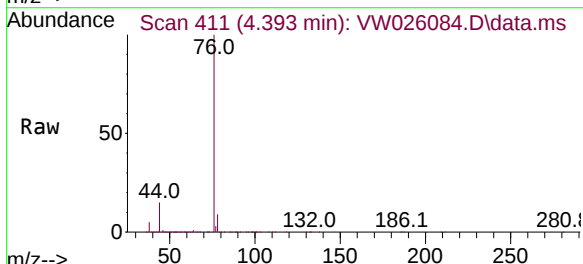
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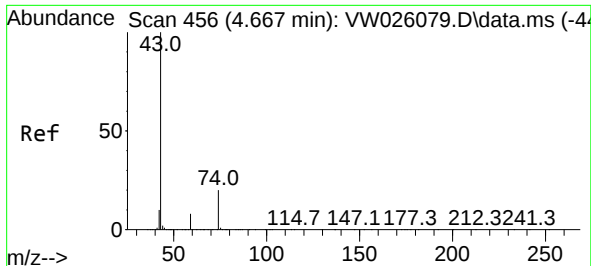
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Ion Ratio Lower Upper
43 100
58 28.3 0.0 58.2



#14
Carbon disulfide
Concen: 22.949 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion: 76 Resp: 826850
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

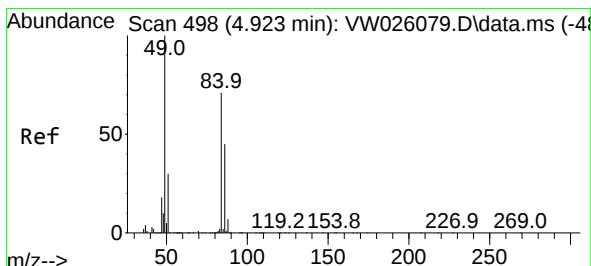
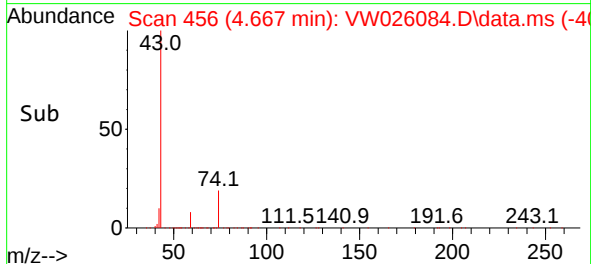
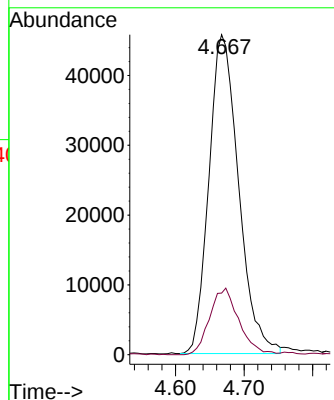
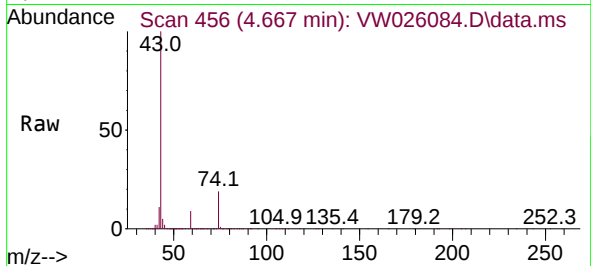




#15
Methyl Acetate
Concen: 24.110 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

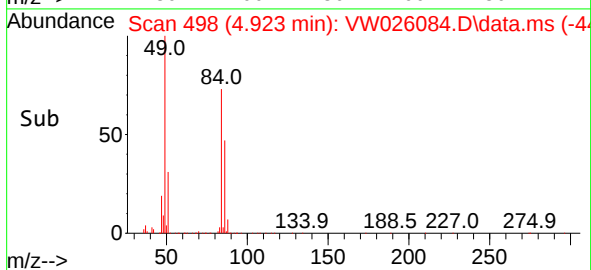
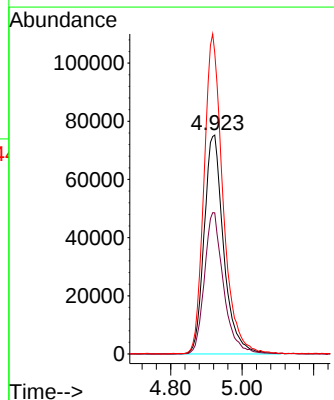
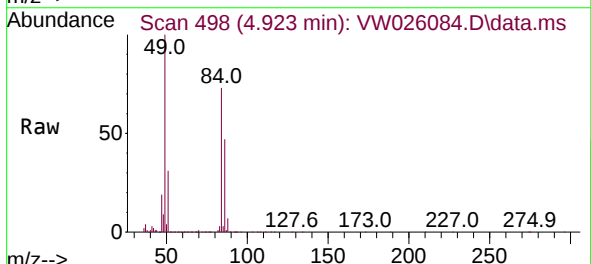
Instrument :
MSVOA_W
ClientSampleId :
VICV464

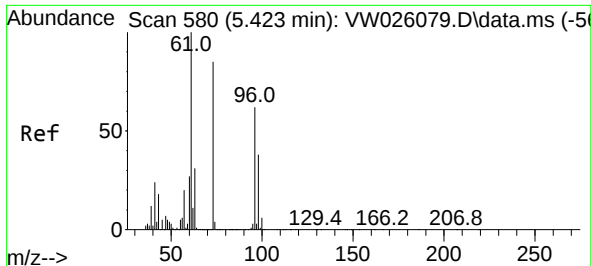
Tgt Ion: 43 Resp: 137464
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0



#16
Methylene chloride
Concen: 22.207 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion: 84 Resp: 284126
Ion Ratio Lower Upper
84 100
86 64.5 44.2 82.0
49 137.5 98.8 183.6





#17

trans-1,2-Dichloroethene

Concen: 22.688 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

VICV464

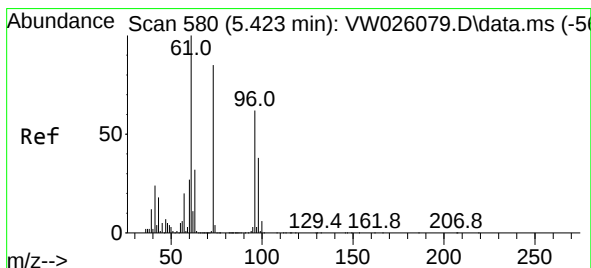
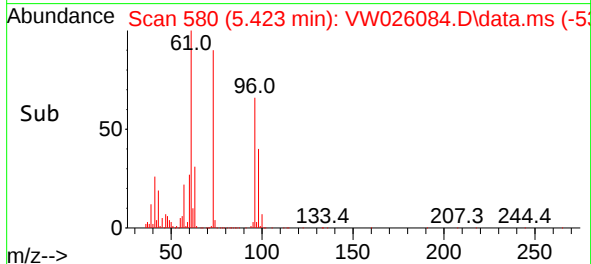
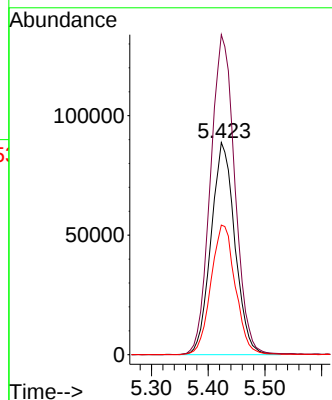
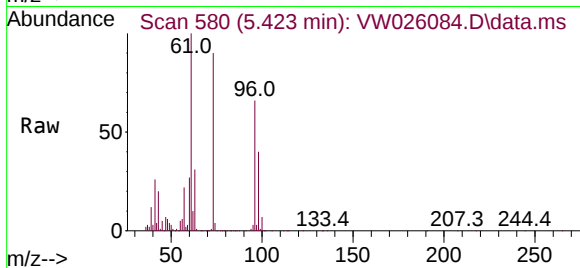
Tgt Ion: 96 Resp: 259798

Ion Ratio Lower Upper

96 100

61 150.8 113.0 209.8

98 61.0 42.5 78.9



#18

Methyl tert-butyl Ether

Concen: 23.190 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

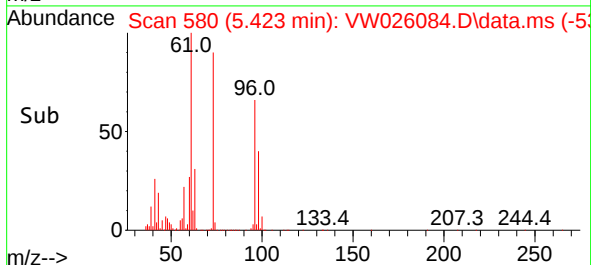
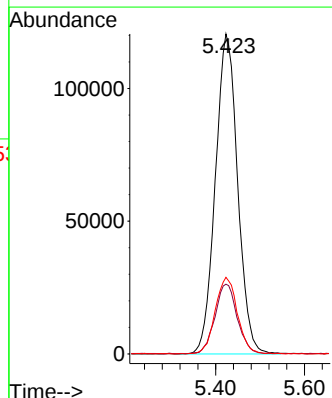
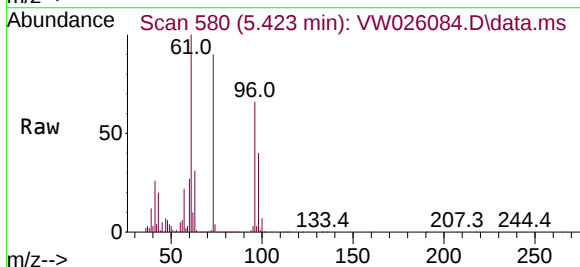
Tgt Ion: 73 Resp: 418537

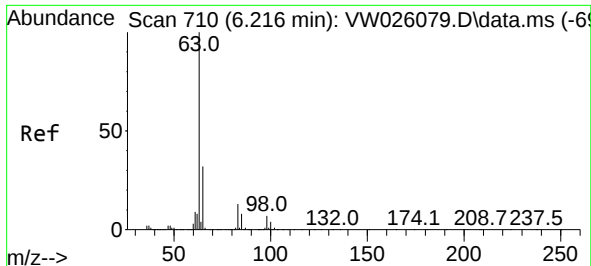
Ion Ratio Lower Upper

73 100

43 21.6 17.8 26.6

57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 21.284 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

VICV464

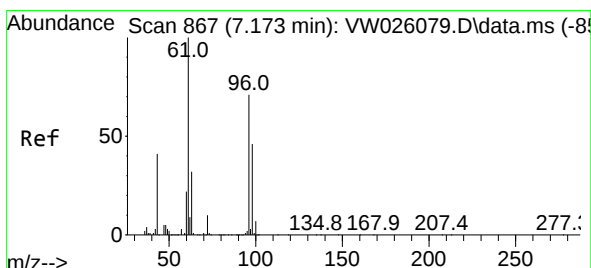
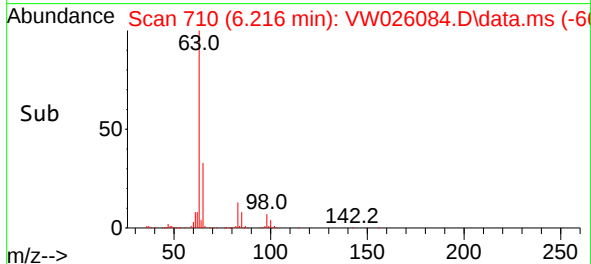
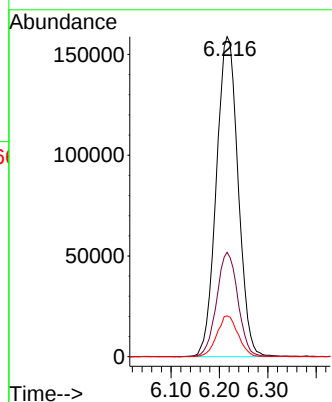
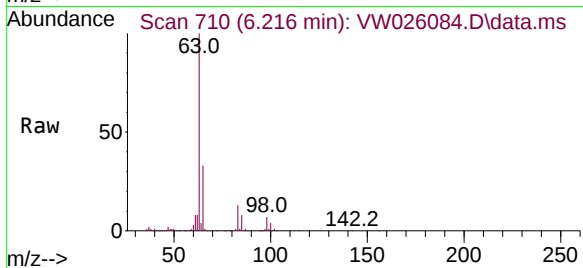
Tgt Ion: 63 Resp: 496197

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.5

83 12.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 23.430 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

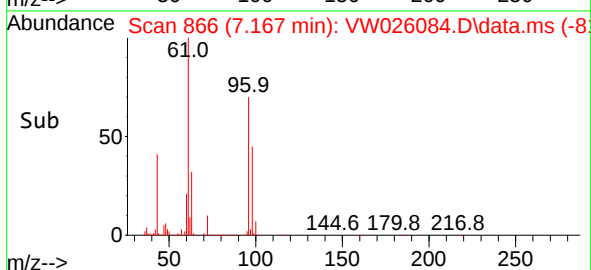
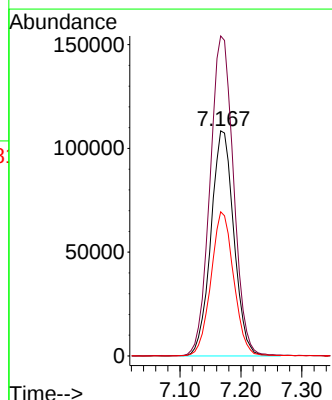
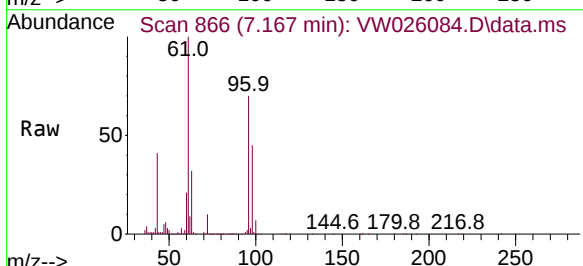
Tgt Ion: 96 Resp: 284194

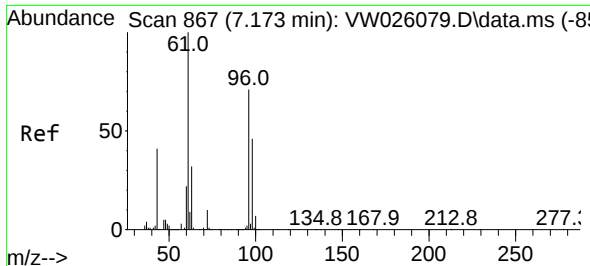
Ion Ratio Lower Upper

96 100

61 142.1 98.4 182.8

98 64.0 45.2 84.0

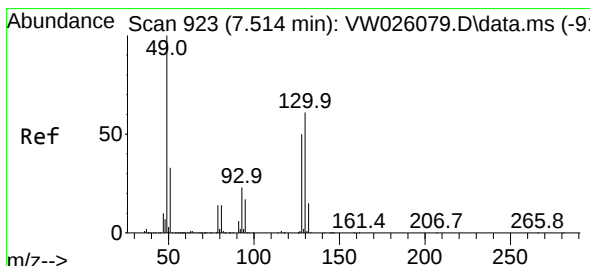
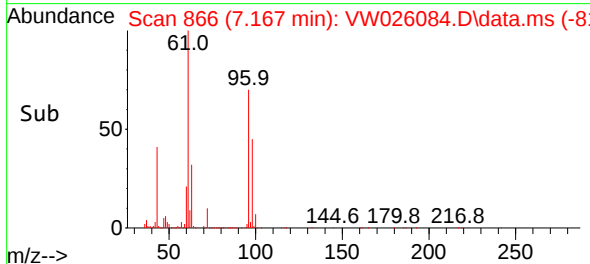
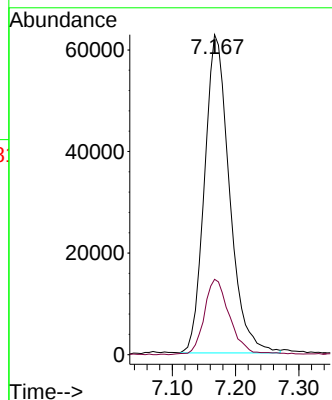
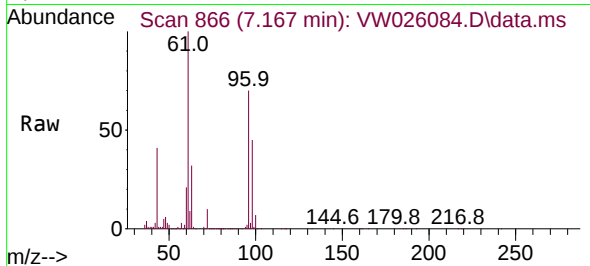




#22
2-Butanone
Concen: 47.459 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

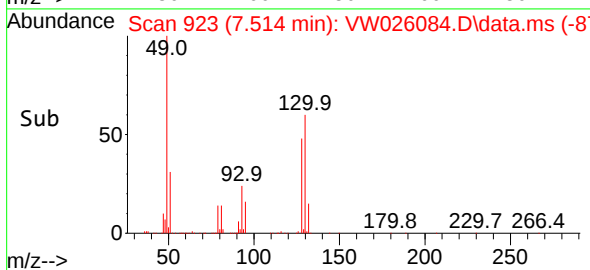
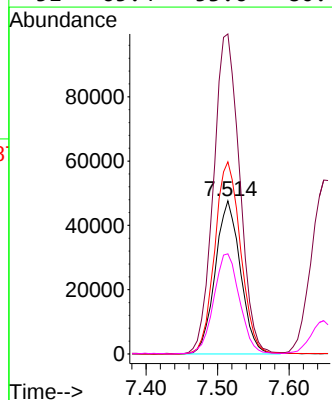
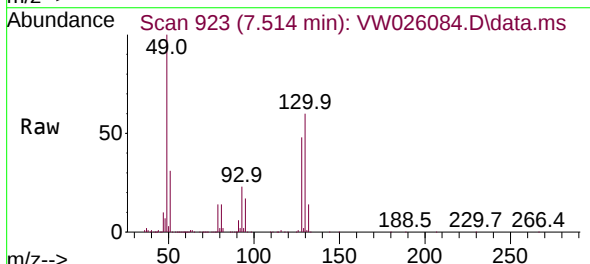
Instrument :
MSVOA_W
ClientSampleId :
VICV464

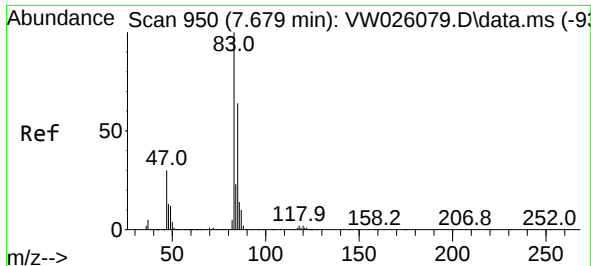
Tgt Ion: 43 Resp: 171984
Ion Ratio Lower Upper
43 100
72 22.5 12.4 37.4



#23
Bromochloromethane
Concen: 22.556 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:128 Resp: 116680
Ion Ratio Lower Upper
128 100
49 208.9 140.6 261.0
130 125.4 86.0 159.6
51 65.4 53.6 80.4

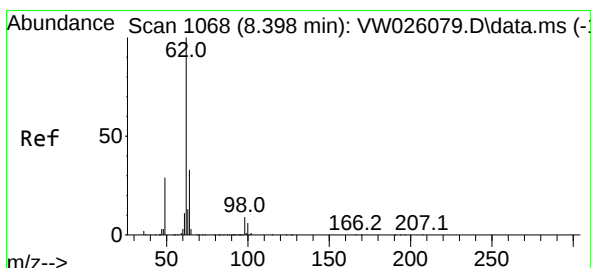
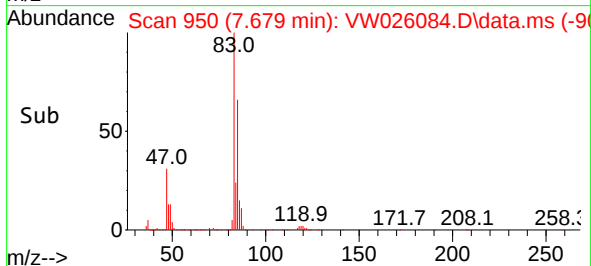
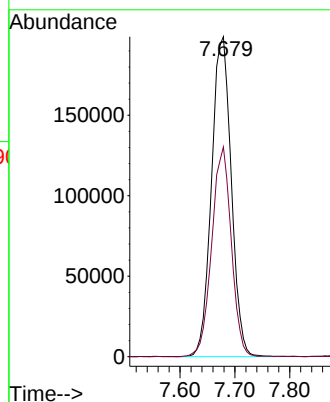
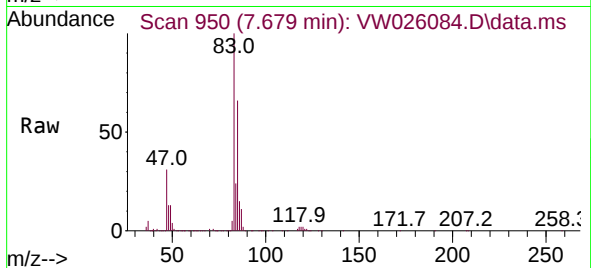




#25
Chloroform
Concen: 22.897 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

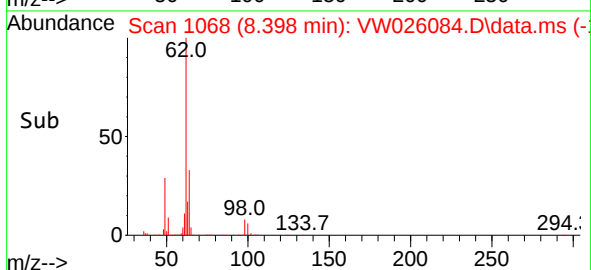
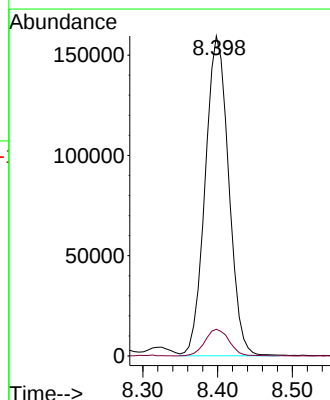
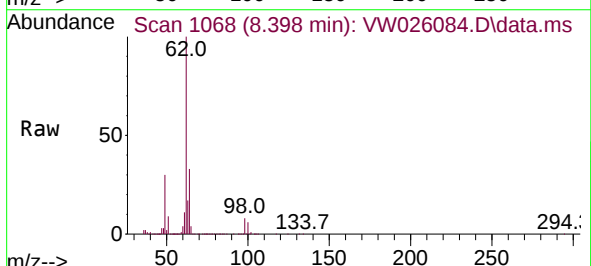
Instrument :
MSVOA_W
ClientSampleId :
VICV464

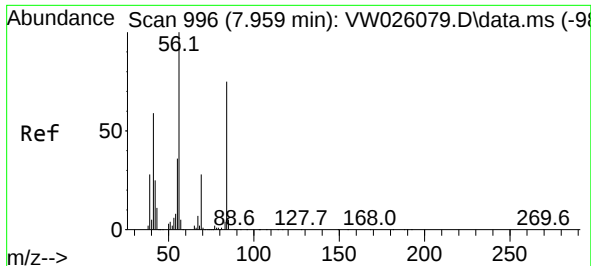
Tgt Ion: 83 Resp: 497166
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.239 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion: 62 Resp: 348023
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.2





#29

Cyclohexane

Concen: 22.971 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

VICV464

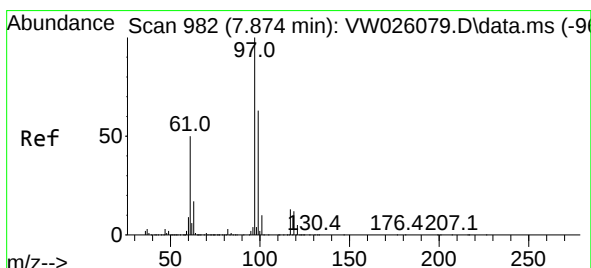
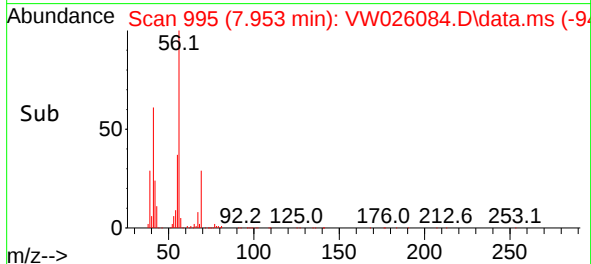
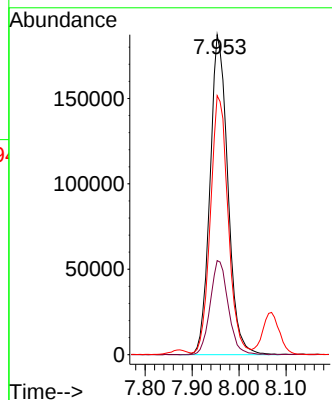
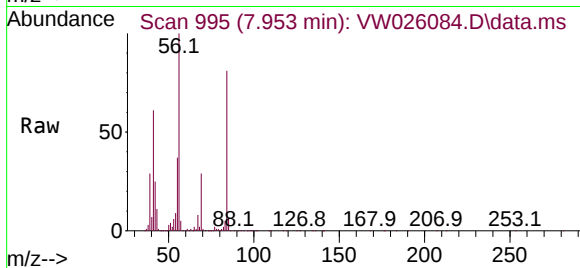
Tgt Ion: 56 Resp: 494049

Ion Ratio Lower Upper

56 100

69 29.6 23.3 34.9

84 80.3 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 22.633 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

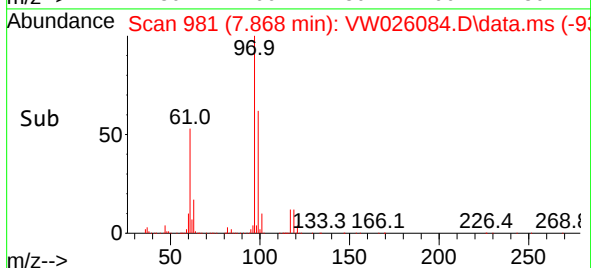
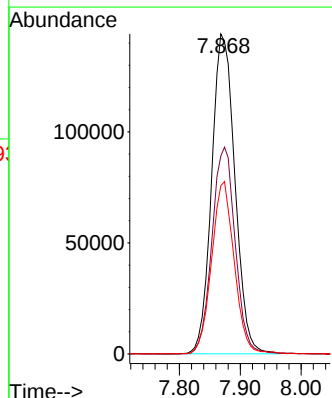
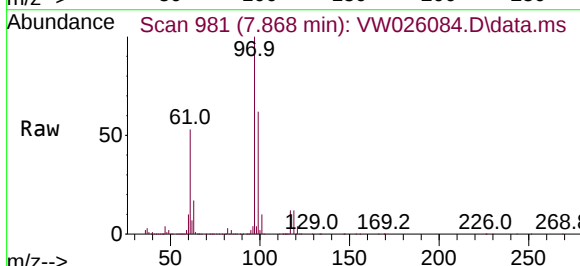
Tgt Ion: 97 Resp: 382634

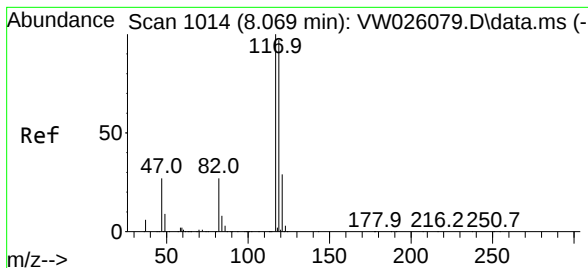
Ion Ratio Lower Upper

97 100

99 64.4 50.6 76.0

61 52.3 40.5 60.7

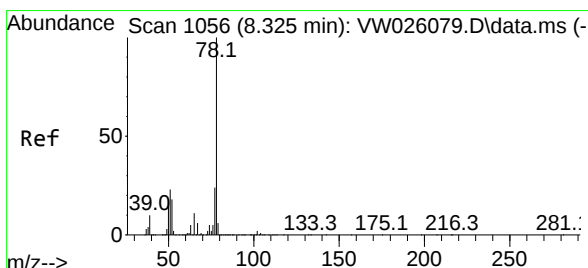
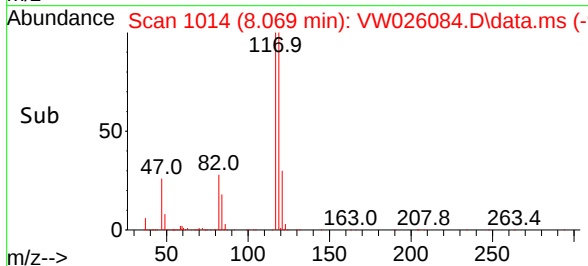
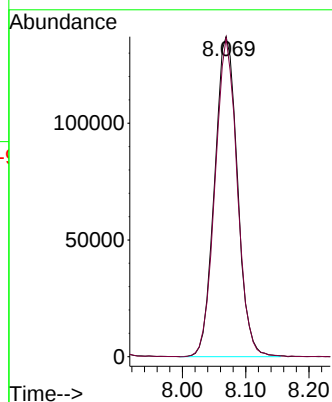
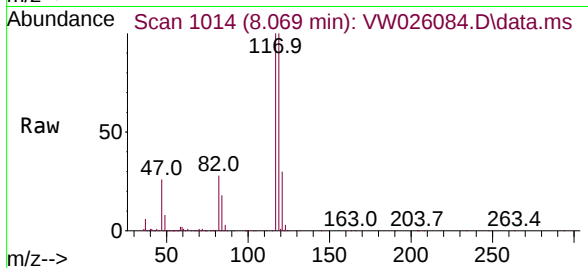




#31
Carbon tetrachloride
Concen: 22.257 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

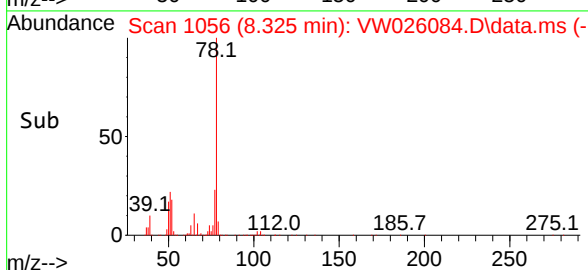
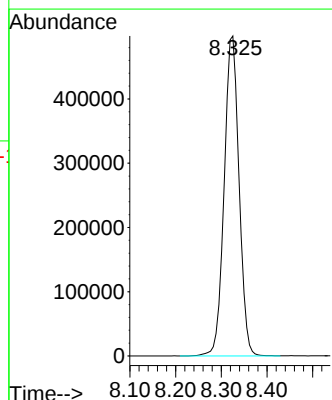
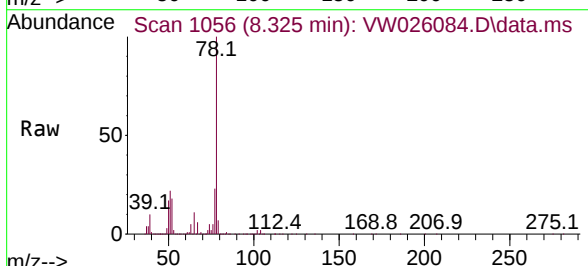
Instrument :
MSVOA_W
ClientSampleId :
VICV464

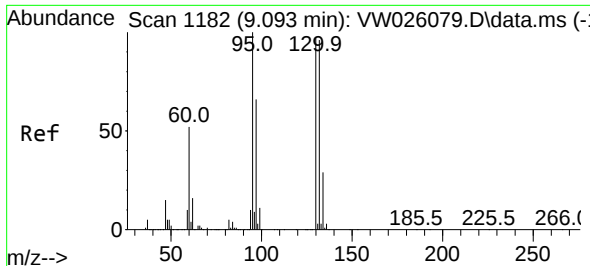
Tgt Ion:117 Resp: 343367
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2



#33
Benzene
Concen: 23.604 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion: 78 Resp: 1126451





#34

Trichloroethene

Concen: 23.163 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

VICV464

Tgt Ion: 95 Resp: 283052

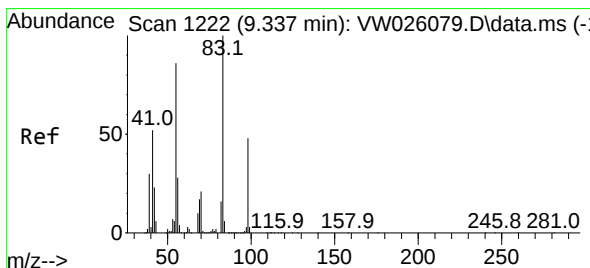
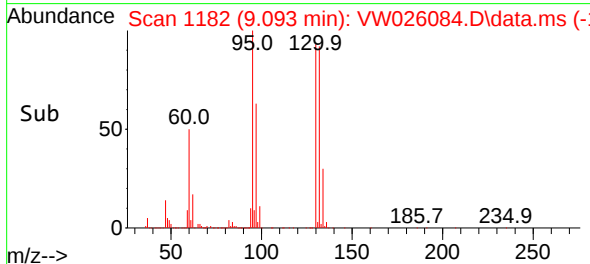
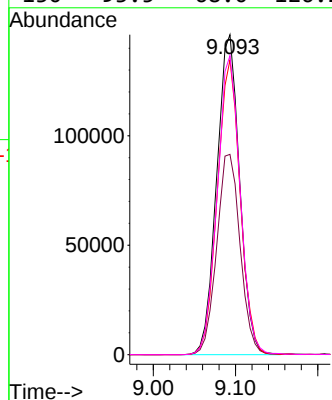
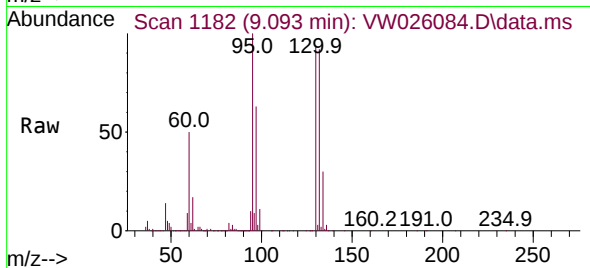
Ion Ratio Lower Upper

95 100

97 62.6 45.9 85.3

132 92.1 67.1 124.7

130 93.5 68.0 126.2



#35

Methylcyclohexane

Concen: 22.919 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

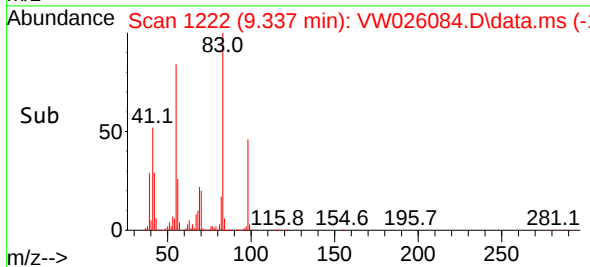
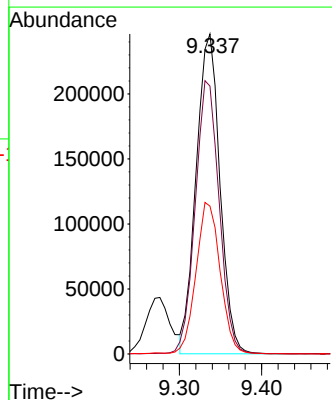
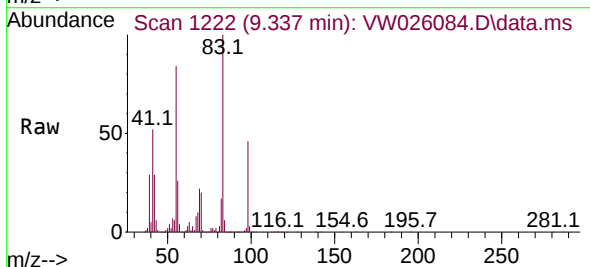
Tgt Ion: 83 Resp: 495579

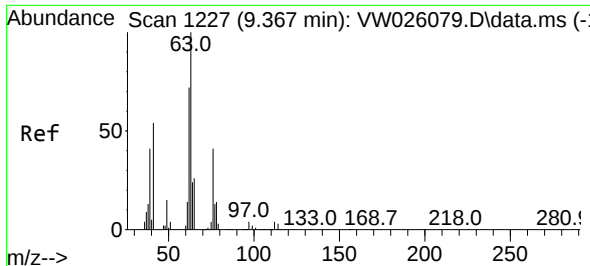
Ion Ratio Lower Upper

83 100

55 85.9 68.2 102.4

98 48.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.630 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

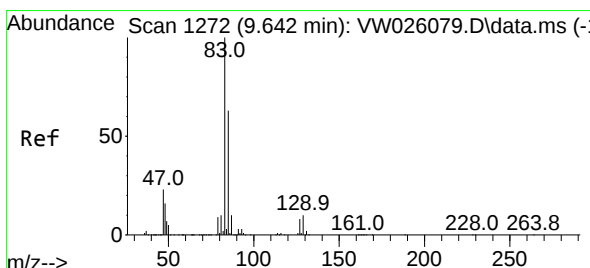
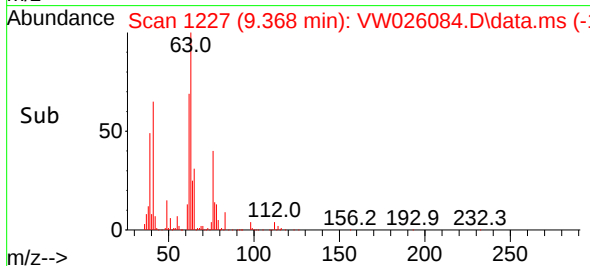
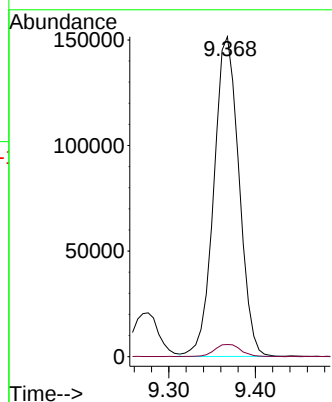
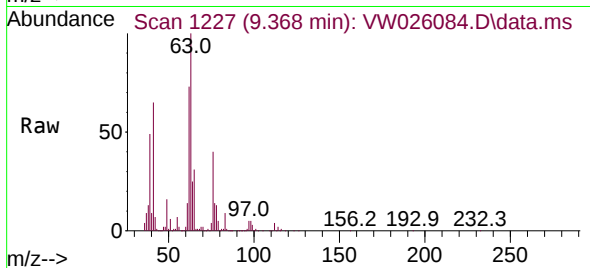
VICV464

Tgt Ion: 63 Resp: 305442

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 22.187 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

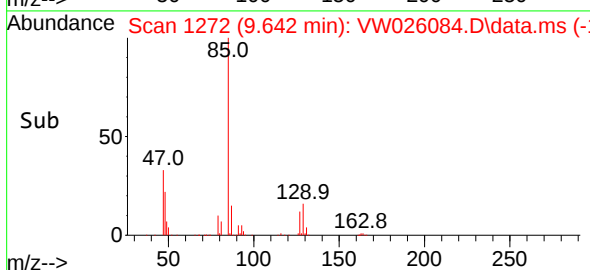
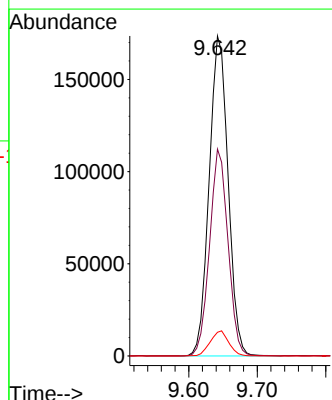
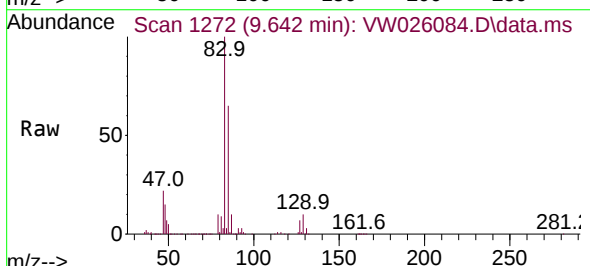
Tgt Ion: 83 Resp: 333191

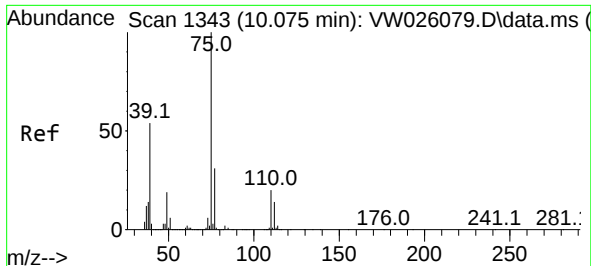
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.535 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

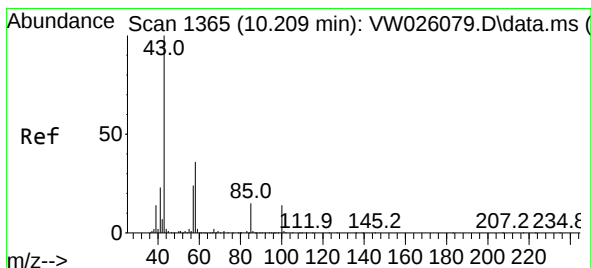
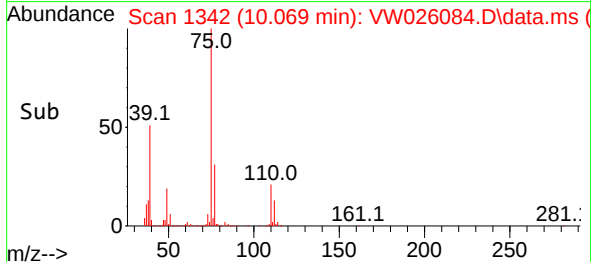
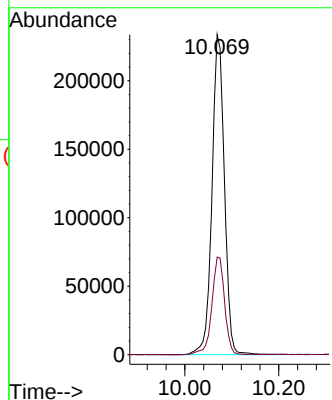
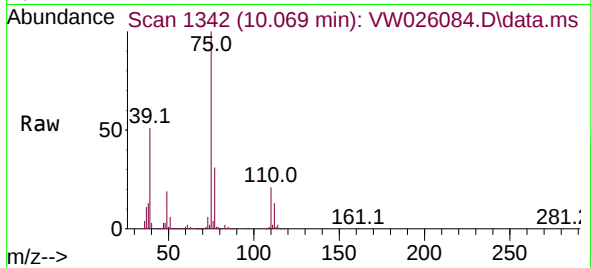
VICV464

Tgt Ion: 75 Resp: 428061

Ion Ratio Lower Upper

75 100

77 30.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 47.151 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

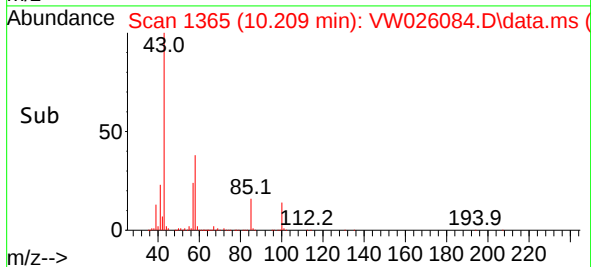
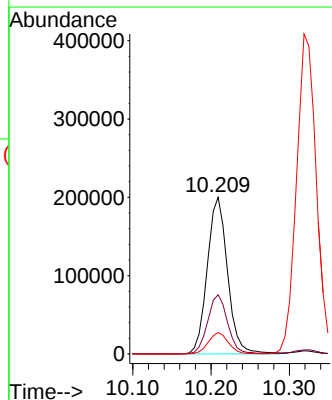
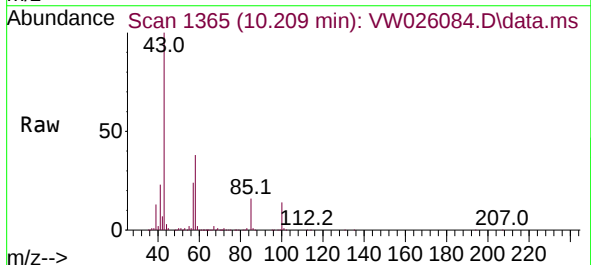
Tgt Ion: 43 Resp: 359319

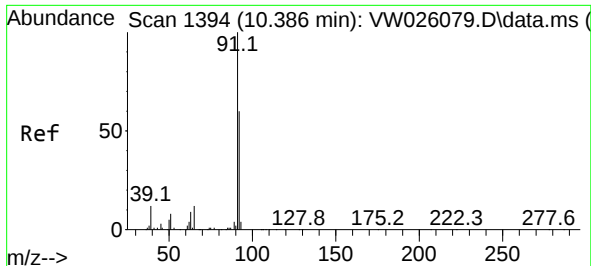
Ion Ratio Lower Upper

43 100

58 37.3 29.0 43.4

100 13.5 10.5 15.7

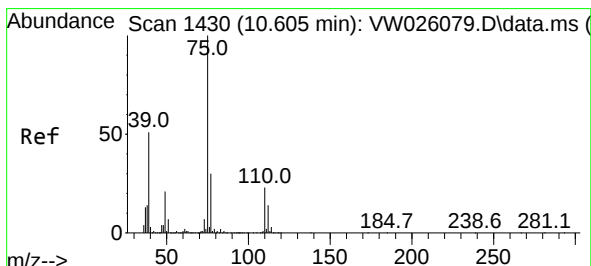
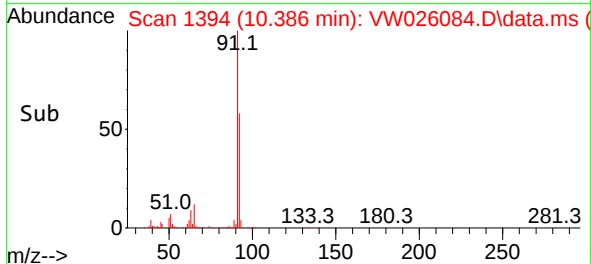
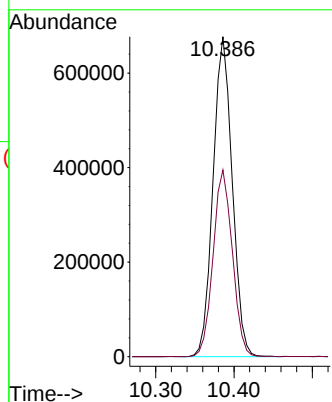
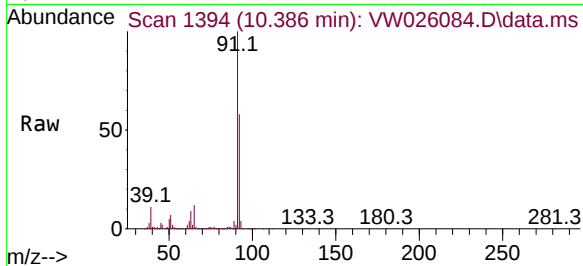




#42
Toluene
Concen: 23.588 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

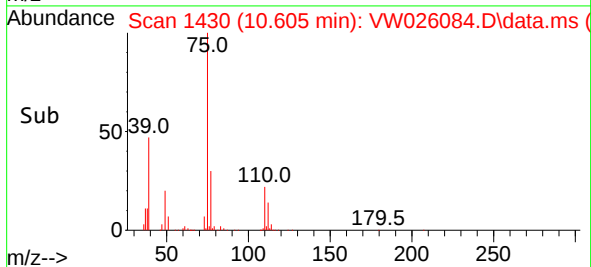
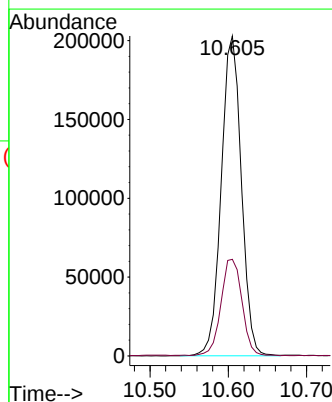
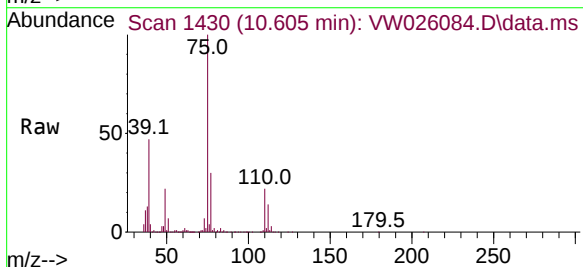
Instrument :
MSVOA_W
ClientSampleId :
VICV464

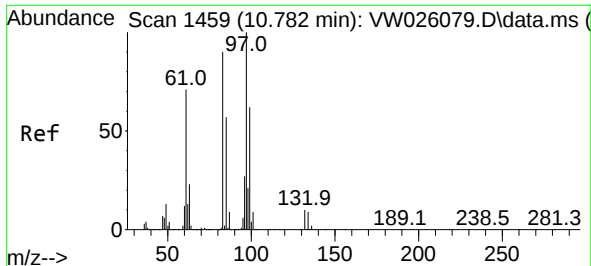
Tgt Ion: 91 Resp: 1151387
Ion Ratio Lower Upper
91 100
92 58.4 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.883 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion: 75 Resp: 362114
Ion Ratio Lower Upper
75 100
77 30.2 21.1 39.3

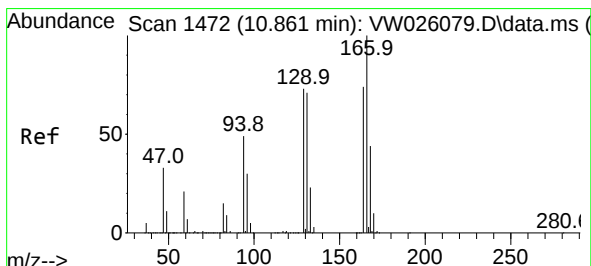
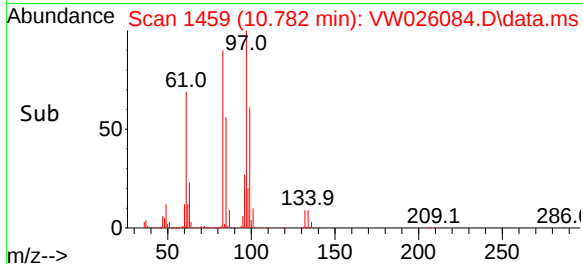
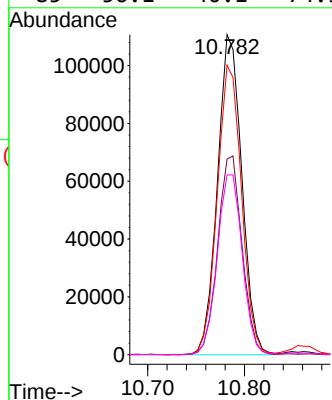
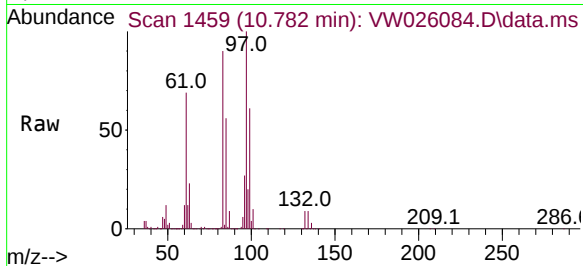




#45
1,1,2-Trichloroethane
Concen: 22.737 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

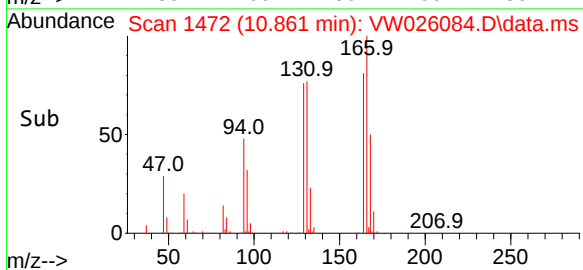
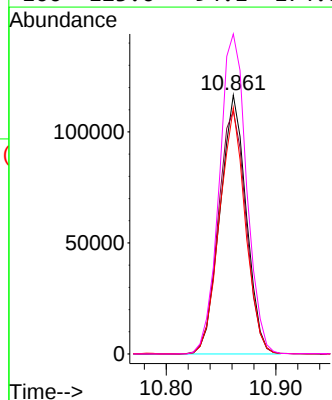
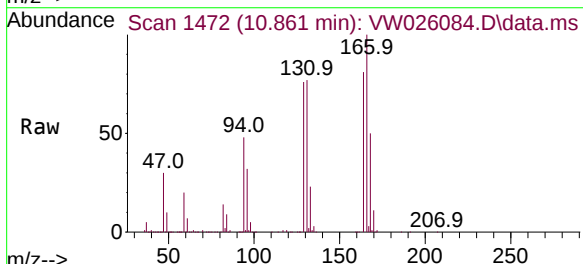
Instrument :
MSVOA_W
ClientSampleId :
VICV464

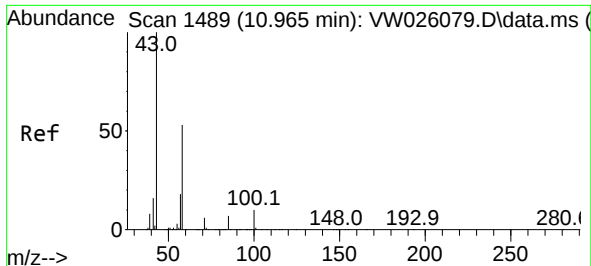
Tgt Ion:	97	Resp:	193696
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.5
83	90.5	62.9	116.9
85	56.1	40.1	74.5



#46
Tetrachloroethene
Concen: 22.407 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:	164	Resp:	193671
Ion	Ratio	Lower	Upper
164	100		
129	93.7	68.5	127.1
131	95.1	67.1	124.7
166	123.6	94.1	174.8



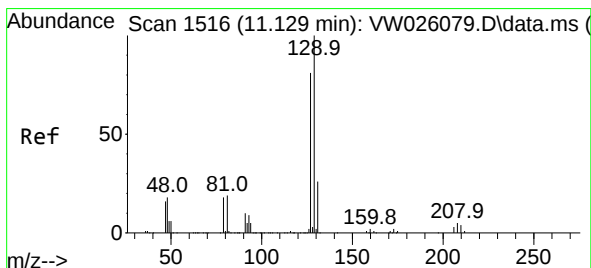
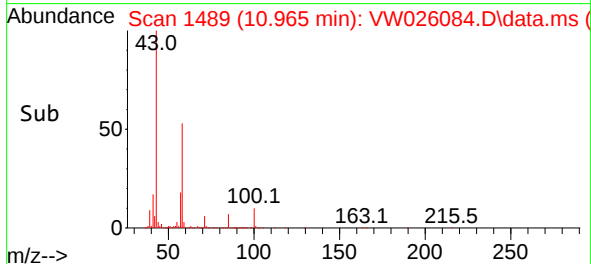
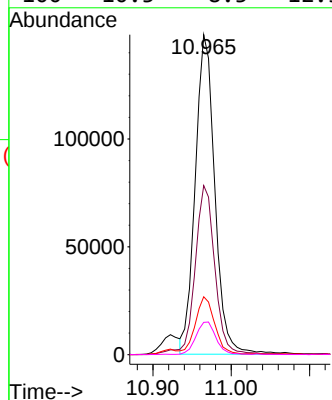
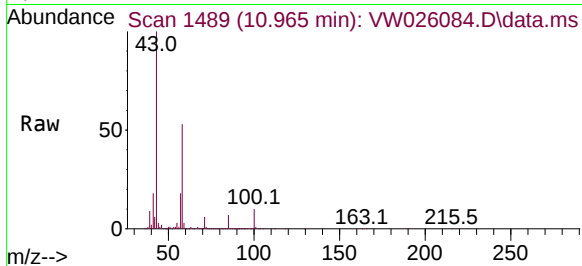


#48
2-Hexanone
Concen: 48.059 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Instrument :
MSVOA_W
ClientSampleId :
VICV464

Tgt Ion: 43 Resp: 258236

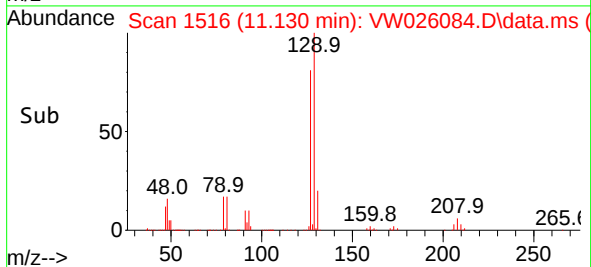
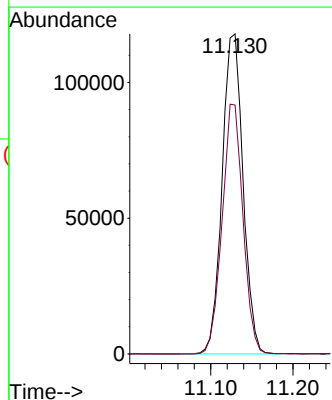
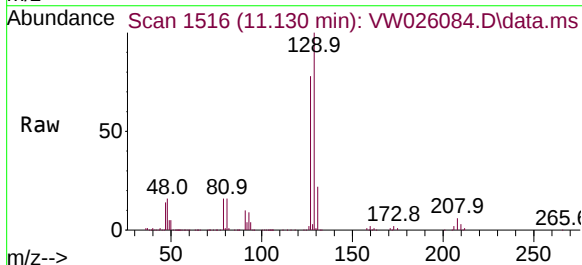
Ion	Ratio	Lower	Upper
43	100		
58	51.5	42.2	63.2
57	17.8	14.2	21.2
100	10.3	8.3	12.5

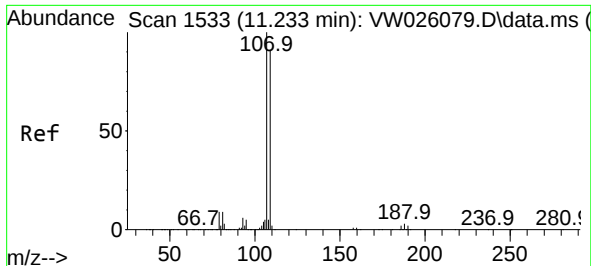


#49
Dibromochloromethane
Concen: 23.382 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion: 129 Resp: 208838

Ion	Ratio	Lower	Upper
129	100		
127	77.8	56.9	105.7





#50

1,2-Dibromoethane

Concen: 22.621 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

VICV464

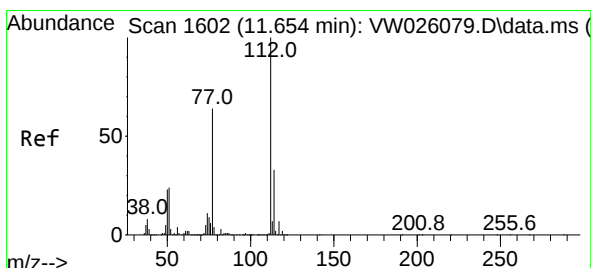
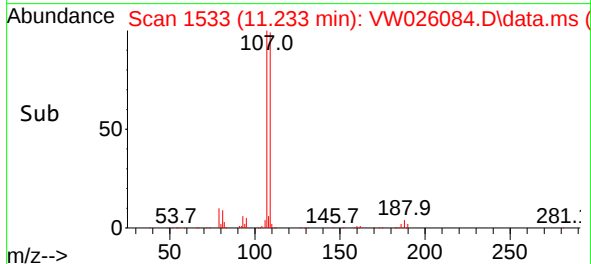
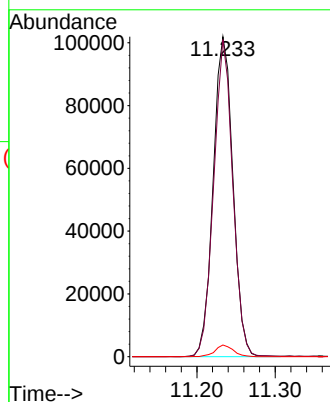
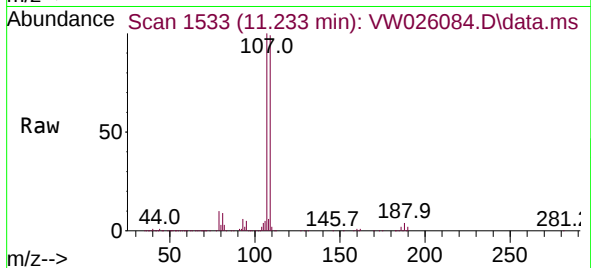
Tgt Ion:107 Resp: 178432

Ion Ratio Lower Upper

107 100

109 99.1 64.0 119.0

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 22.743 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

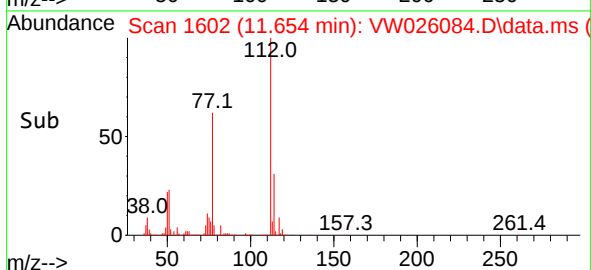
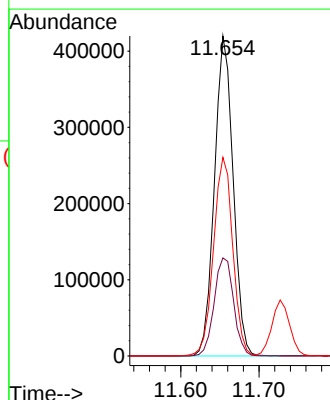
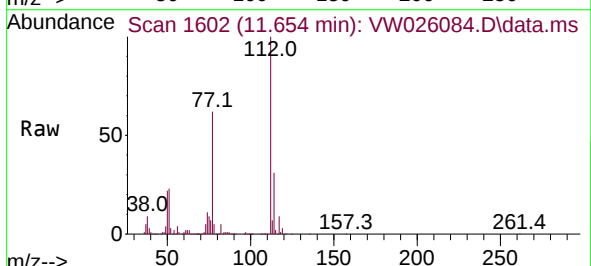
Tgt Ion:112 Resp: 695639

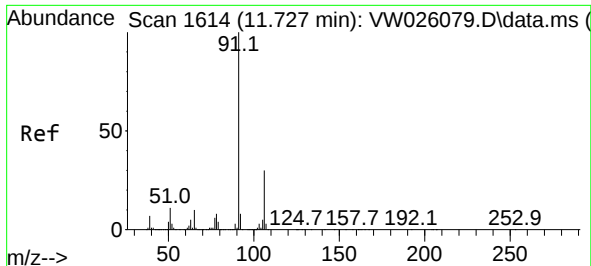
Ion Ratio Lower Upper

112 100

114 30.7 23.0 42.6

77 62.1 50.9 76.3

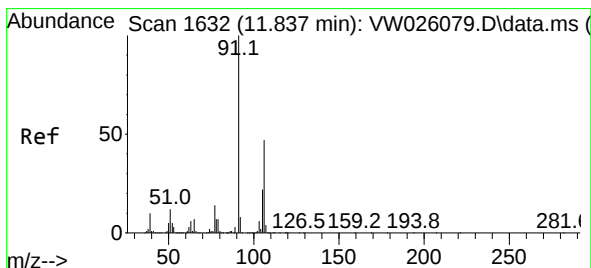
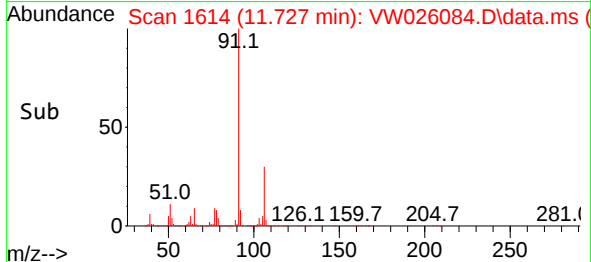
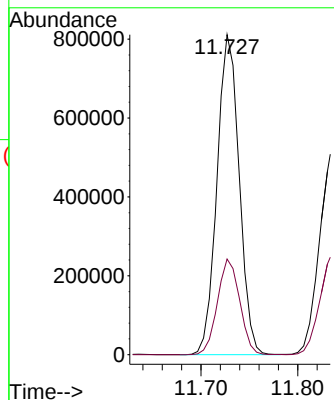
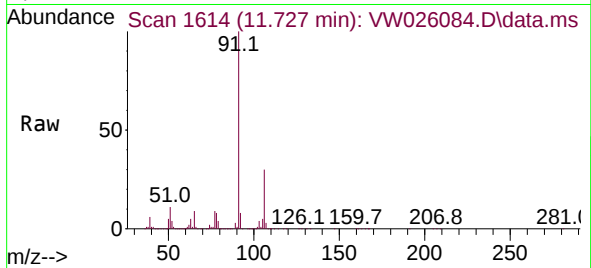




#52
Ethylbenzene
Concen: 23.435 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

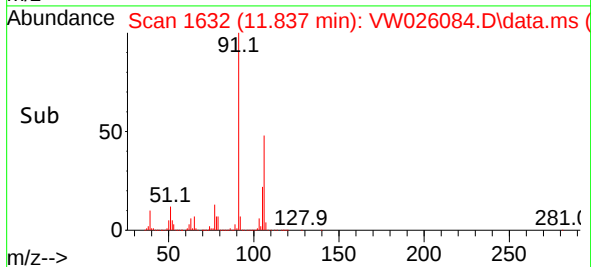
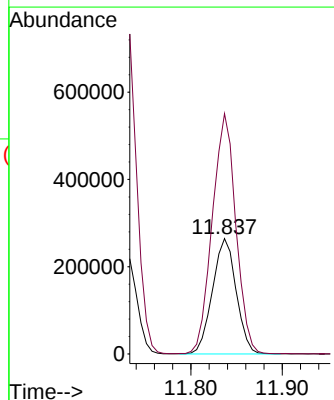
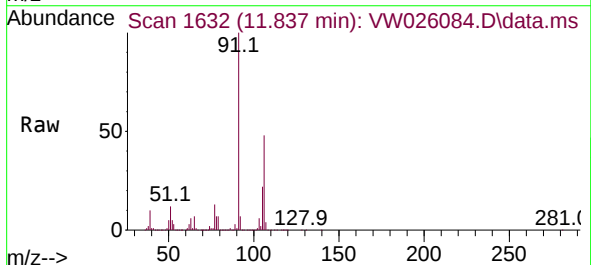
Instrument :
MSVOA_W
ClientSampleId :
VICV464

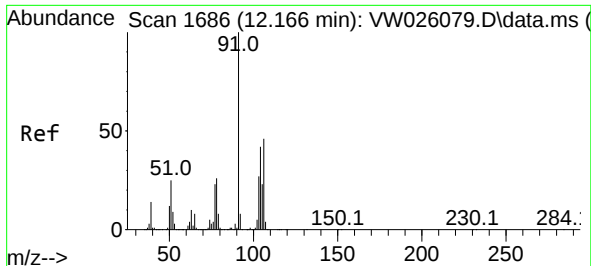
Tgt Ion: 91 Resp: 1290389
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 23.229 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:106 Resp: 475824
Ion Ratio Lower Upper
106 100
91 208.5 149.5 277.7

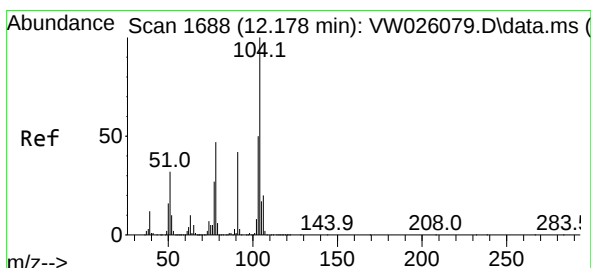
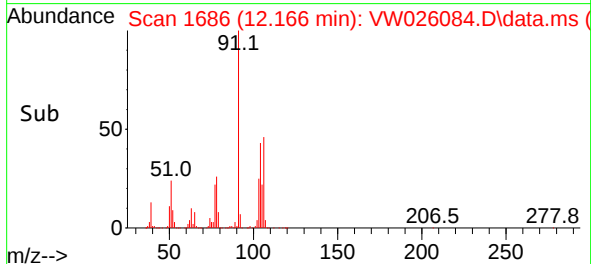
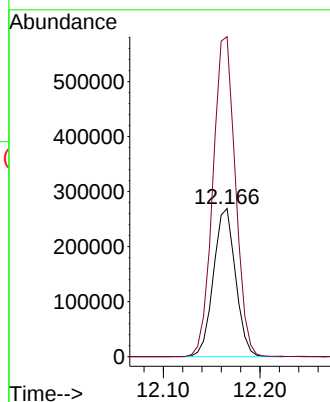
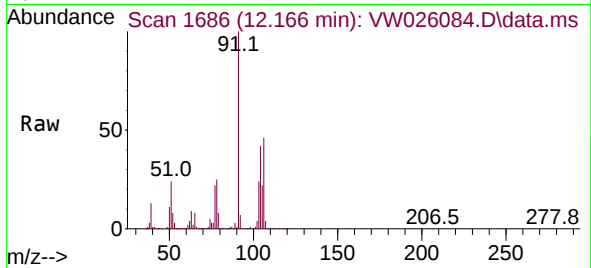




#54
o-Xylene
Concen: 22.063 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

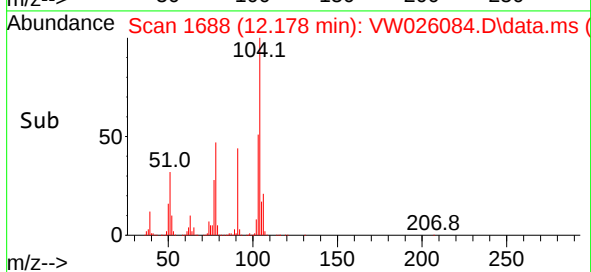
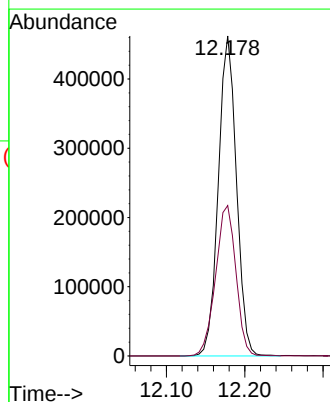
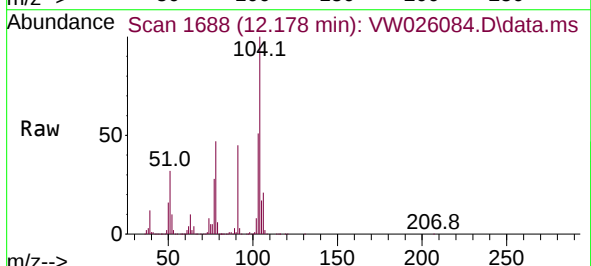
Instrument :
MSVOA_W
ClientSampleId :
VICV464

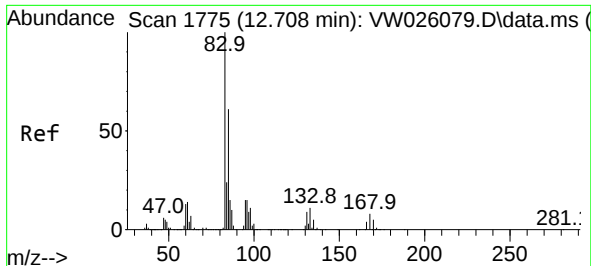
Tgt Ion:106 Resp: 426556
Ion Ratio Lower Upper
106 100
91 215.9 150.9 280.3



#55
Styrene
Concen: 22.443 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:104 Resp: 744404
Ion Ratio Lower Upper
104 100
78 47.0 32.6 60.6





#57

1,1,2-Tetrachloroethane

Concen: 23.188 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

VICV464

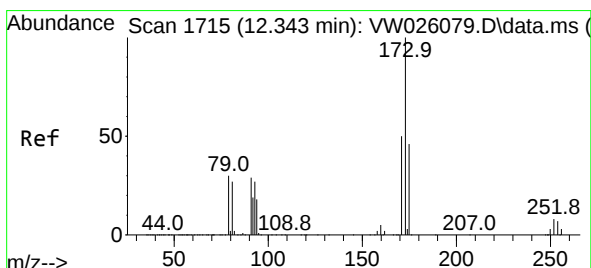
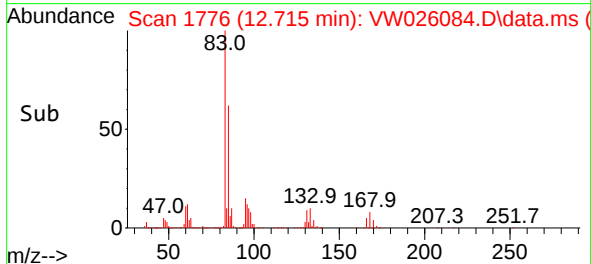
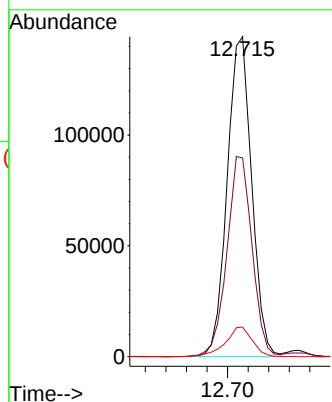
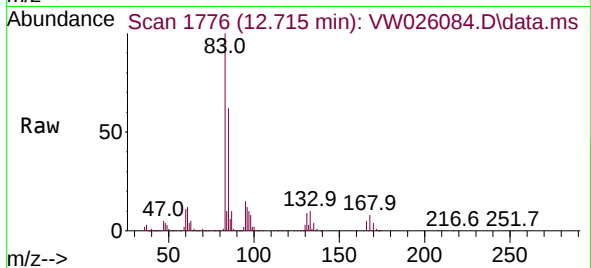
Tgt Ion: 83 Resp: 239058

Ion Ratio Lower Upper

83 100

85 62.1 42.6 79.0

131 9.3 7.2 10.8



#59

Bromoform

Concen: 20.237 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

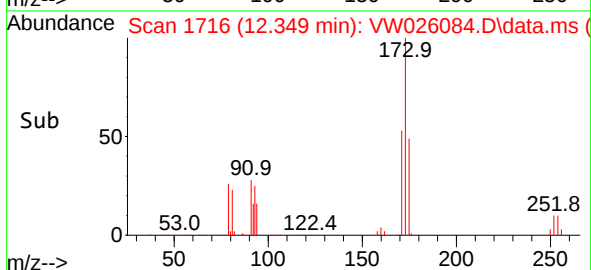
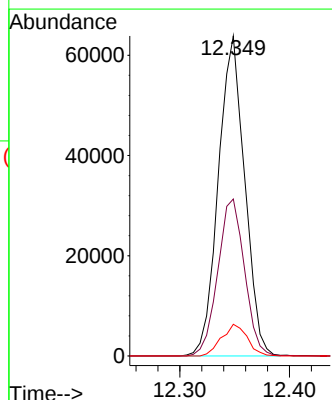
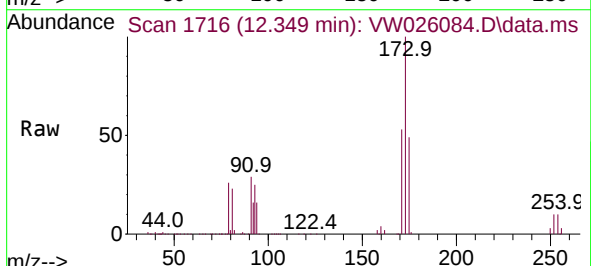
Tgt Ion:173 Resp: 106703

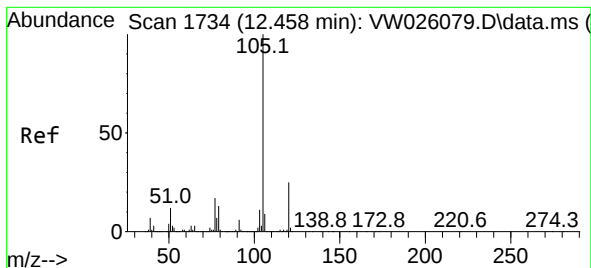
Ion Ratio Lower Upper

173 100

175 49.7 38.6 57.8

254 9.6 7.4 11.0





#60

Isopropylbenzene

Concen: 21.604 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

VICV464

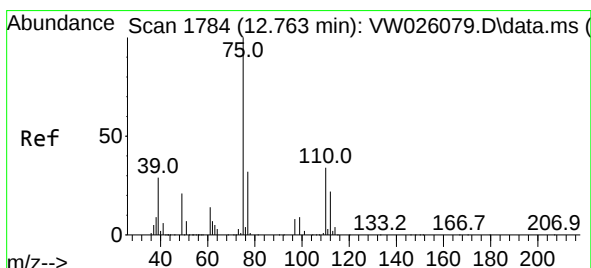
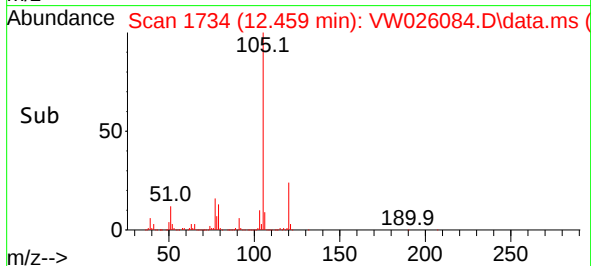
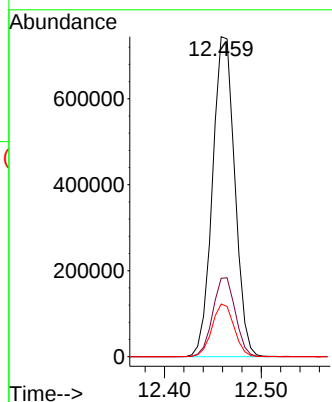
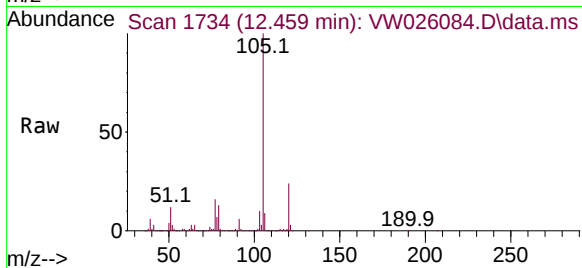
Tgt Ion:105 Resp: 1191400

Ion Ratio Lower Upper

105 100

120 25.0 19.8 29.8

77 16.3 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 22.561 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

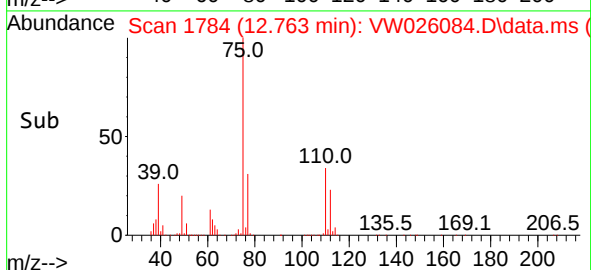
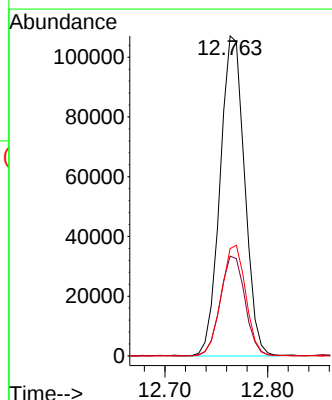
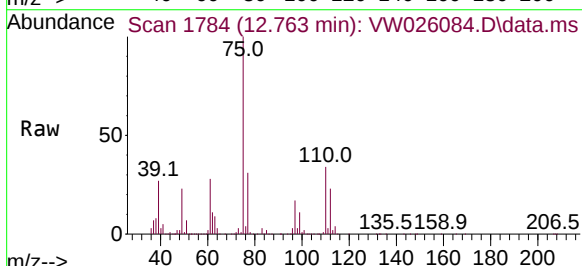
Tgt Ion: 75 Resp: 177406

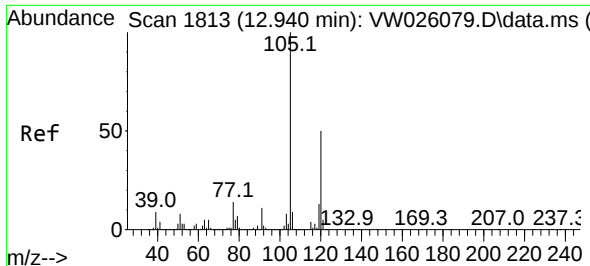
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

110 34.5 28.7 43.1

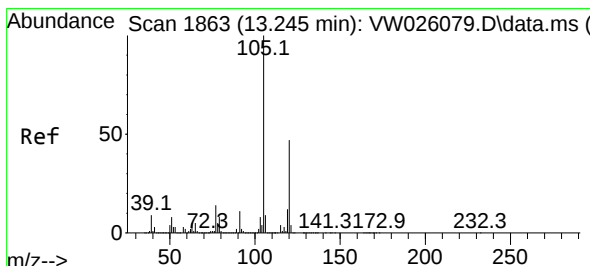
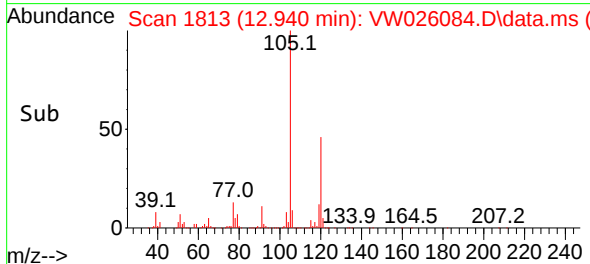
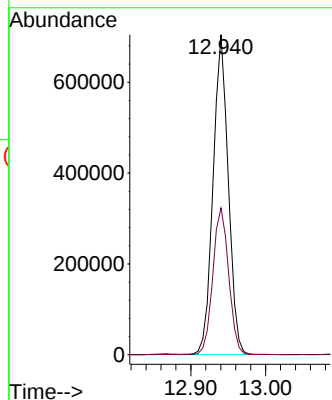
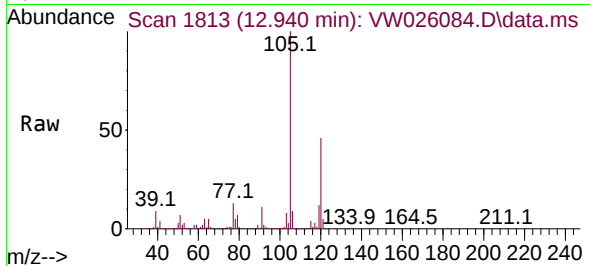




#62
1,3,5-Trimethylbenzene
Concen: 22.800 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

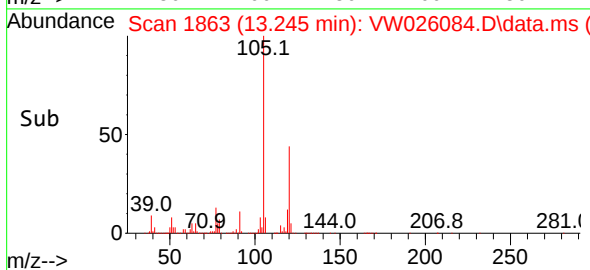
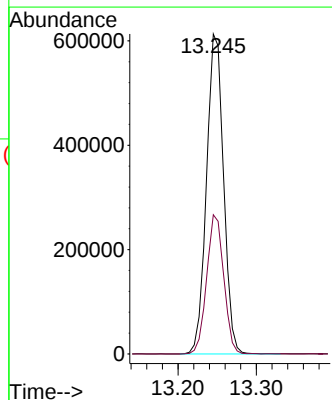
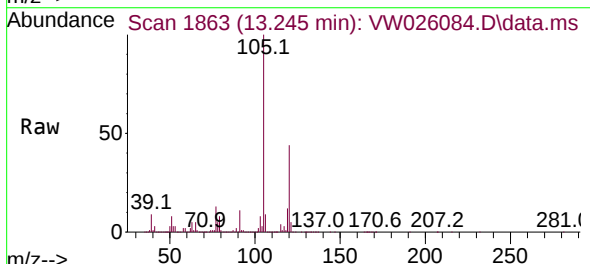
Instrument :
MSVOA_W
ClientSampleId :
VICV464

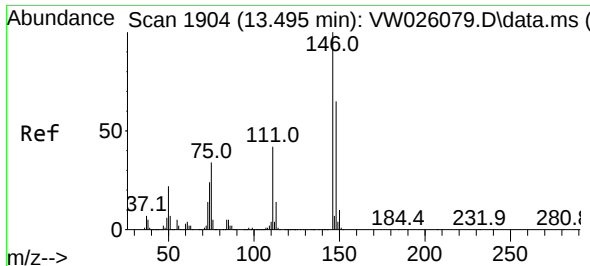
Tgt Ion:105 Resp: 999517
Ion Ratio Lower Upper
105 100
120 47.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 23.053 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:105 Resp: 925611
Ion Ratio Lower Upper
105 100
120 43.6 36.2 54.2

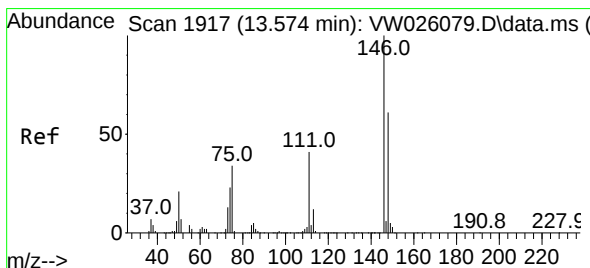
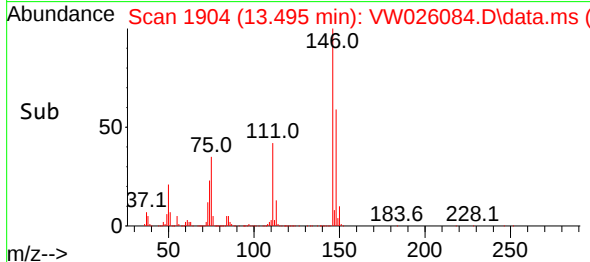
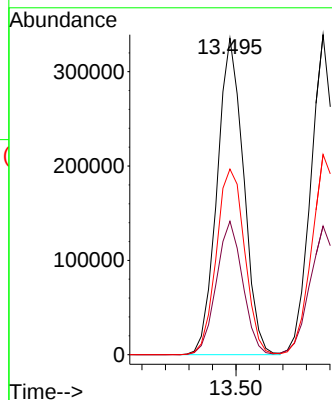
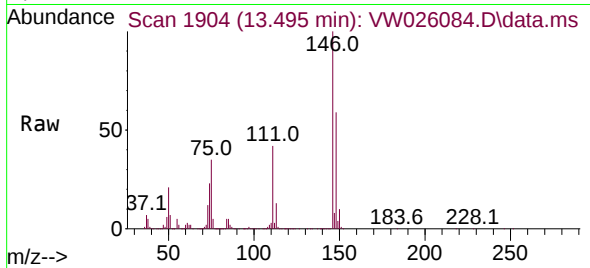




#64
1,3-Dichlorobenzene
Concen: 22.643 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

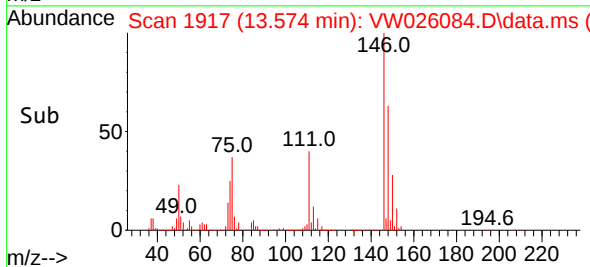
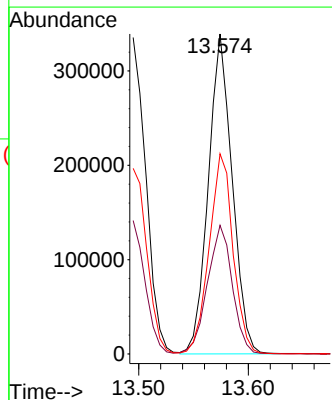
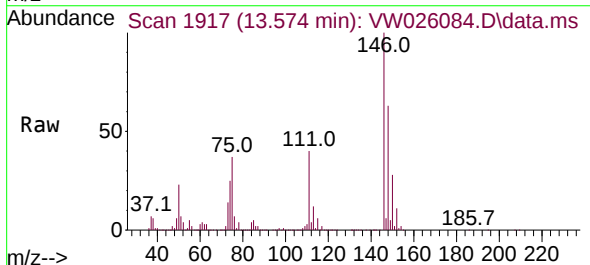
Instrument :
MSVOA_W
ClientSampleId :
VICV464

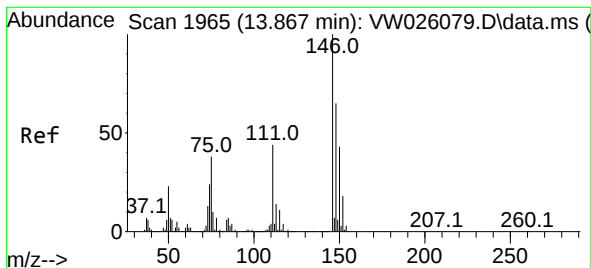
Tgt Ion:146 Resp: 525022
Ion Ratio Lower Upper
146 100
111 42.2 29.7 55.1
148 58.7 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 21.993 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:146 Resp: 513421
Ion Ratio Lower Upper
146 100
111 40.2 29.2 54.2
148 62.5 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 22.209 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

Instrument :

MSVOA_W

ClientSampleId :

VICV464

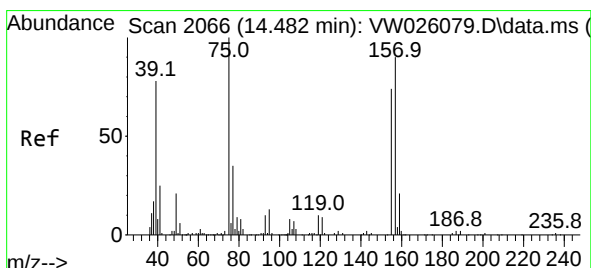
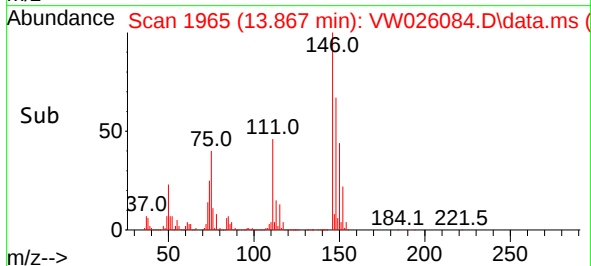
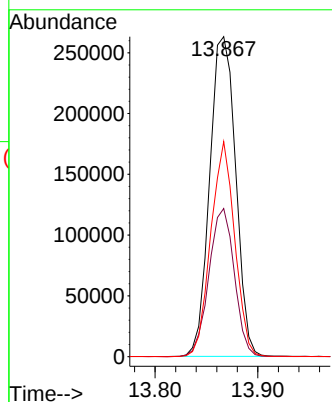
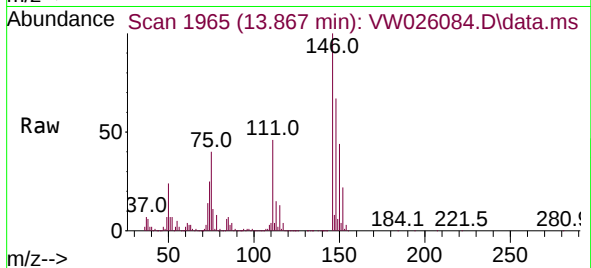
Tgt Ion:146 Resp: 462429

Ion Ratio Lower Upper

146 100

111 46.3 35.4 53.0

148 67.2 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.650 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026084.D

Acq: 30 May 2023 12:34

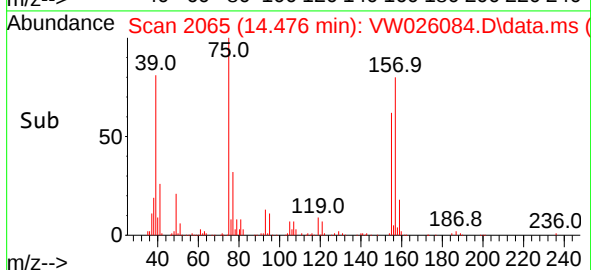
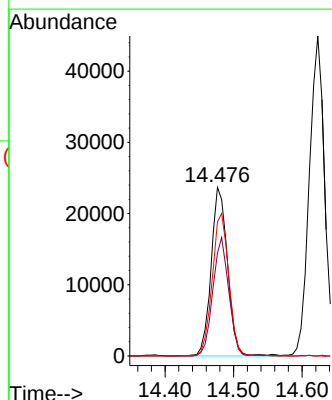
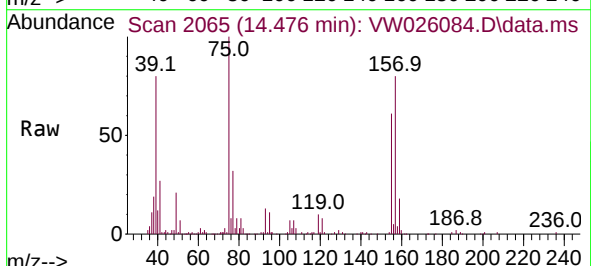
Tgt Ion: 75 Resp: 39443

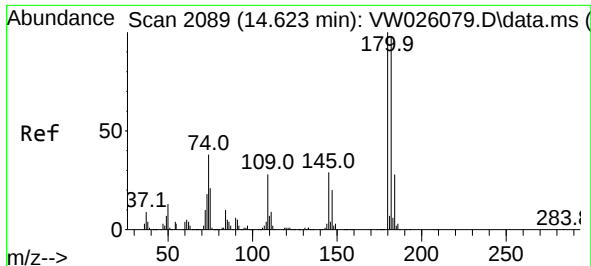
Ion Ratio Lower Upper

75 100

155 61.0 59.0 88.6

157 79.6 71.7 107.5

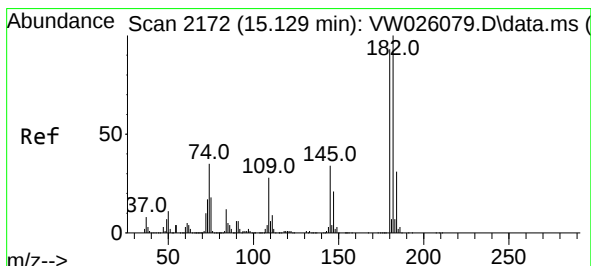
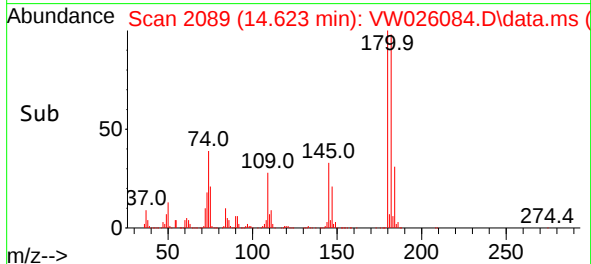
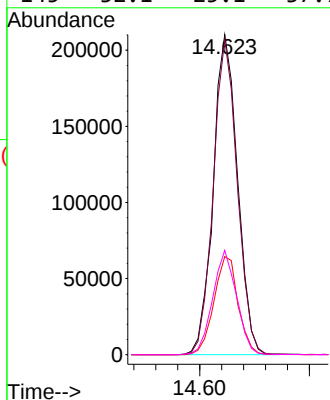
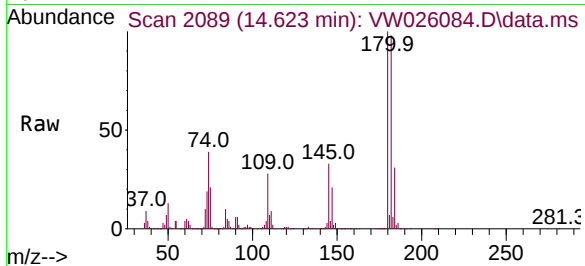




#69
1,3,5-Trichlorobenzene
Concen: 20.323 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

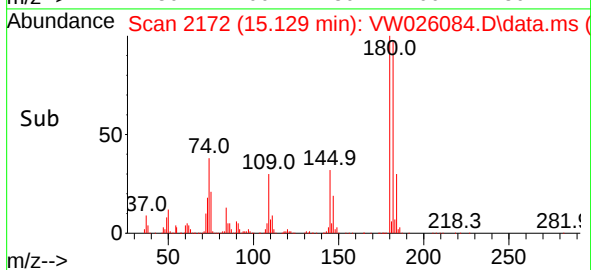
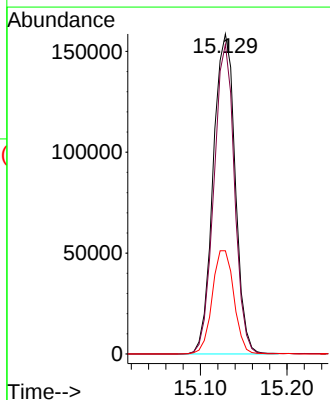
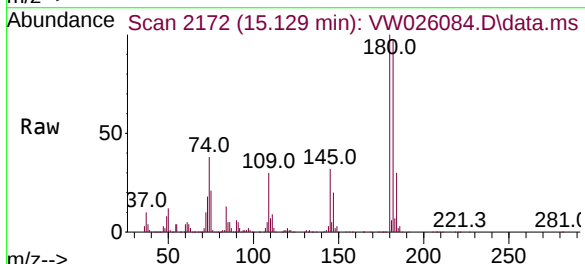
Instrument :
MSVOA_W
ClientSampleId :
VICV464

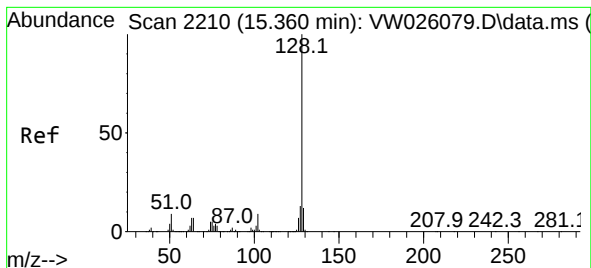
Tgt Ion:	180	Resp:	323708
Ion Ratio	Lower	Upper	
180	100		
182	97.1	77.0	115.4
184	30.5	23.7	35.5
145	32.1	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 21.258 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:	180	Resp:	279394
Ion Ratio	Lower	Upper	
180	100		
182	90.9	78.9	118.3
145	31.9	27.2	40.8

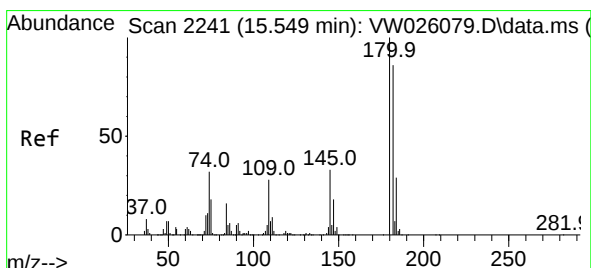
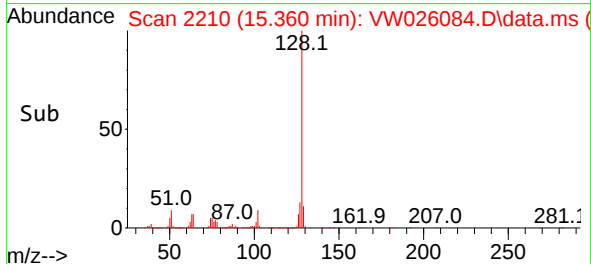
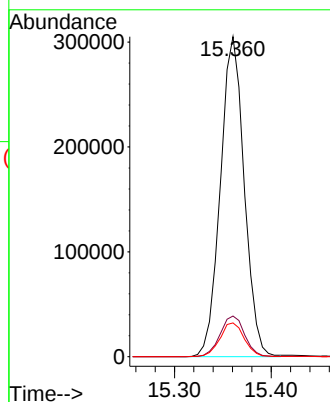
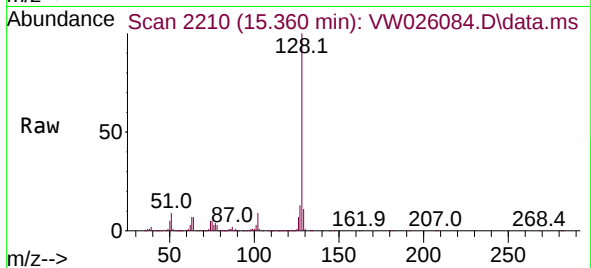




#71
Naphthalene
Concen: 22.263 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Instrument :
MSVOA_W
ClientSampleId :
VICV464

Tgt Ion:	128	Resp:	521502
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 20.184 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026084.D
Acq: 30 May 2023 12:34

Tgt Ion:	180	Resp:	231845
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.3	114.5
145	35.0	27.0	40.6

