

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026228.D
 Acq On : 16 Jun 2023 15:17
 Operator : SY/MD
 Sample : 03307-08MS
 Misc : 5.77g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MS

Quant Time: Jun 17 00:04:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	909680	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	755755	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	365355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	214159	16.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.920%
7) Chloroethane-d5	2.893	69	203800	21.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.080%
11) 1,1-Dichloroethene-d2	4.021	65	114385	18.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.520%
21) 2-Butanone-d5	7.081	46	191651	51.440	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
24) Chloroform-d	7.648	84	562467	21.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.440%
26) 1,2-Dichloroethane-d4	8.307	65	307827	21.133	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.520%
32) Benzene-d6	8.276	84	1100060	21.632	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.520%
36) 1,2-Dichloropropane-d6	9.276	67	364917	22.650	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.600%
41) Toluene-d8	10.325	98	918878	20.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.480%
43) trans-1,3-Dichloroprop...	10.575	79	129241	20.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.960%
47) 2-Hexanone-d5	10.922	63	132038	51.976	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	293881	25.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	293388	20.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	187423	16.807	ug/L	99
3) Chloromethane	2.229	50	280017	19.583	ug/L	95
5) Vinyl chloride	2.375	62	296633	19.408	ug/L	100
6) Bromomethane	2.789	94	160164	19.222	ug/L	94
8) Chloroethane	2.936	64	176725	21.397	ug/L	98
9) Trichlorofluoromethane	3.265	101	189747	19.297	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	247672	19.962	ug/L	94
12) 1,1-Dichloroethene	4.045	96	594774	51.353	ug/L #	65
13) Acetone	4.125	43	169776	58.891	ug/L	99
14) Carbon disulfide	4.393	76	675483	16.521	ug/L	99
15) Methyl Acetate	4.673	43	140992	21.791	ug/L	99
16) Methylene chloride	4.917	84	334042	23.007	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	240214	18.485	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	413590	20.194	ug/L	99
19) 1,1-Dichloroethane	6.216	63	547827	20.708	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	294014	21.360	ug/L	99
22) 2-Butanone	7.173	43	222121	54.013	ug/L	98
23) Bromochloromethane	7.514	128	116873	19.909	ug/L	95
25) Chloroform	7.673	83	496562	20.152	ug/L	98

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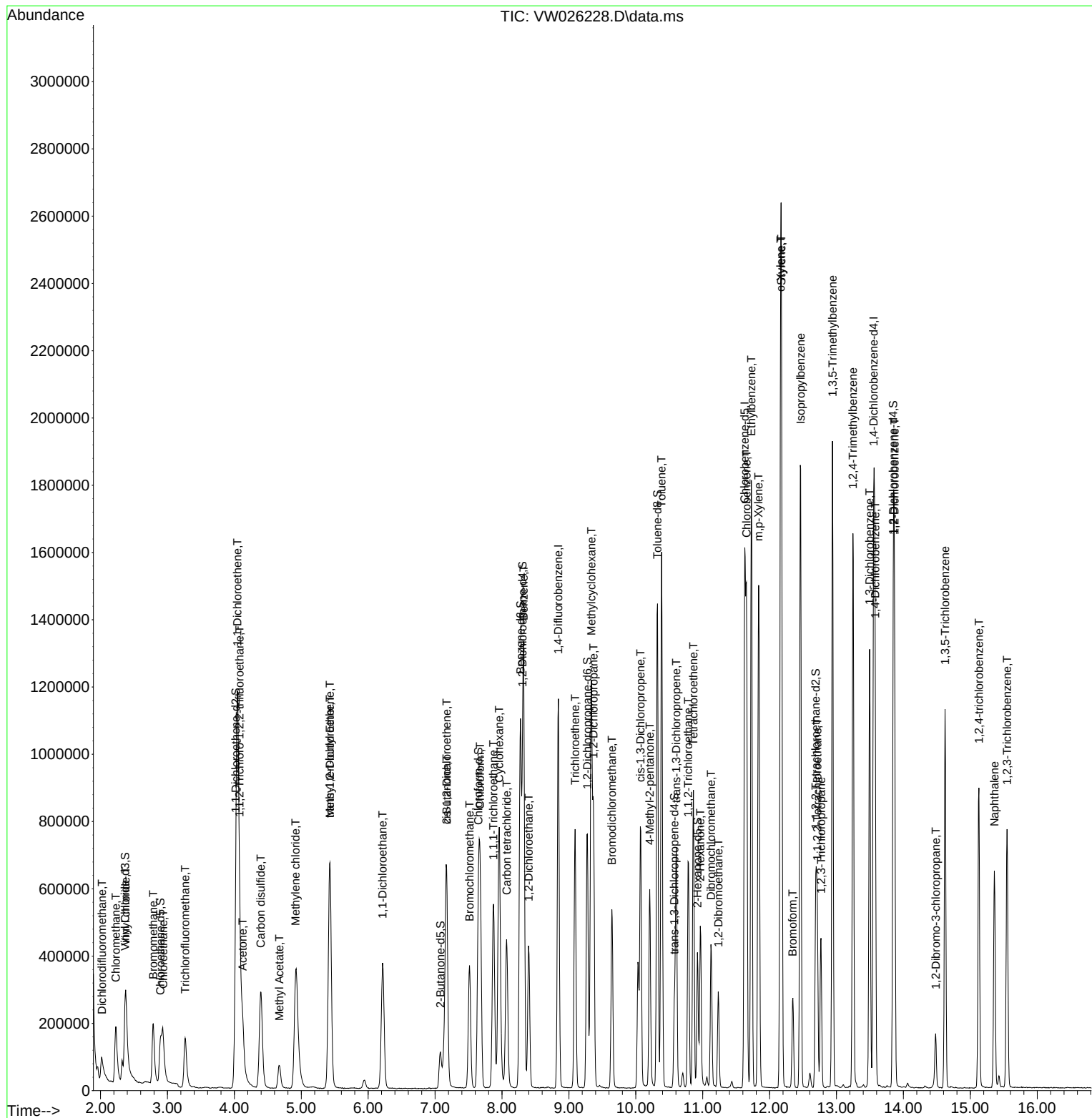
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	379323	22.320	ug/L	98
29) Cyclohexane	7.959	56	455484	19.521	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	443262	24.169	ug/L	100
31) Carbon tetrachloride	8.069	117	337326	20.156	ug/L	99
33) Benzene	8.325	78	1083261	20.924	ug/L	100
34) Trichloroethene	9.093	95	269725	20.346	ug/L	97
35) Methylcyclohexane	9.337	83	457055	19.484	ug/L	99
37) 1,2-Dichloropropane	9.368	63	311076	22.184	ug/L	100
38) Bromodichloromethane	9.642	83	355269	21.807	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	449205	21.799	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	414985	50.196	ug/L	99
42) Toluene	10.386	91	1103330	20.836	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	378902	22.071	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	205839	22.273	ug/L	99
46) Tetrachloroethene	10.861	164	185798	19.815	ug/L	95
48) 2-Hexanone	10.965	43	320372	54.960	ug/L	98
49) Dibromochloromethane	11.123	129	213137	21.997	ug/L	96
50) 1,2-Dibromoethane	11.233	107	185581	21.687	ug/L	93
51) Chlorobenzene	11.654	112	678543	20.449	ug/L	98
52) Ethylbenzene	11.727	91	1225335	20.513	ug/L	98
53) m,p-Xylene	11.837	106	455244	20.486	ug/L	99
54) o-Xylene	12.166	106	437767	20.872	ug/L	98
55) Styrene	12.178	104	765709	21.280	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	255821	22.873	ug/L	96
59) Bromoform	12.343	173	116903	21.303	ug/L	97
60) Isopropylbenzene	12.465	105	1175670	20.484	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	184932	22.597	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	960616	21.054	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	857765	20.526	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	479103	19.853	ug/L	96
65) 1,4-Dichlorobenzene	13.580	146	477234	19.643	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	437394	20.184	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	40268	21.237	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	317768	19.169	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	259239	18.952	ug/L	96
71) Naphthalene	15.360	128	527678	21.645	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	235423	19.693	ug/L	99

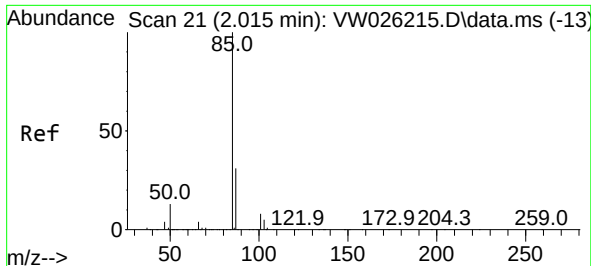
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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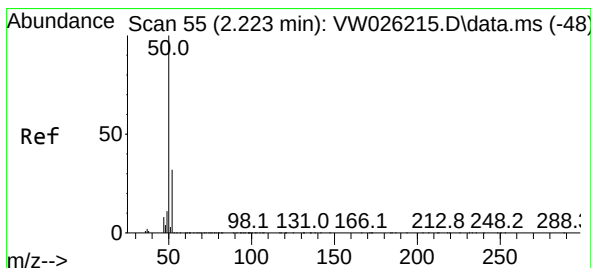
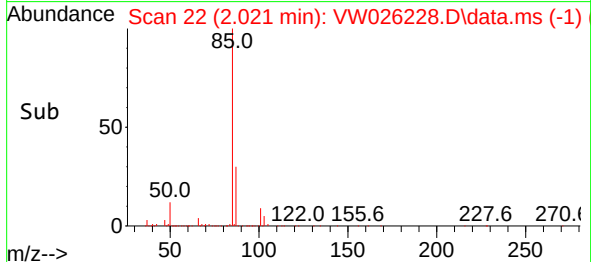
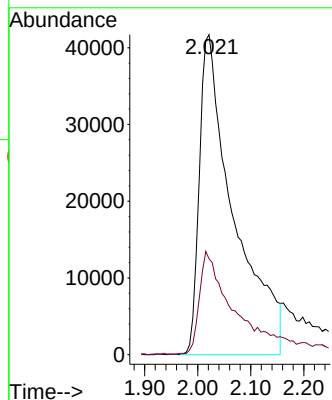
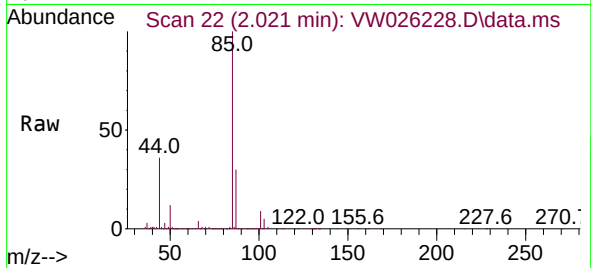




#2
 Dichlorodifluoromethane
 Concen: 16.807 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

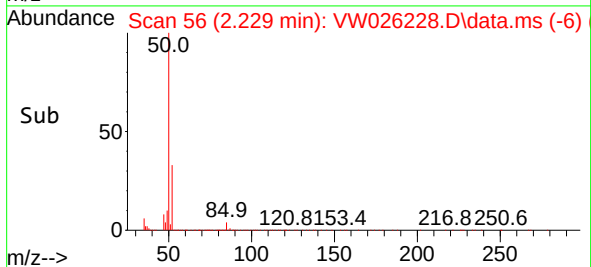
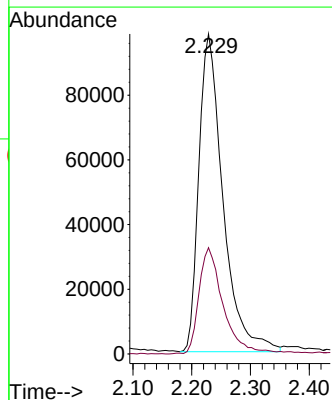
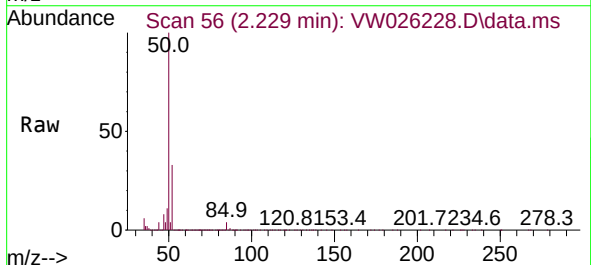
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 ClientSampleId :
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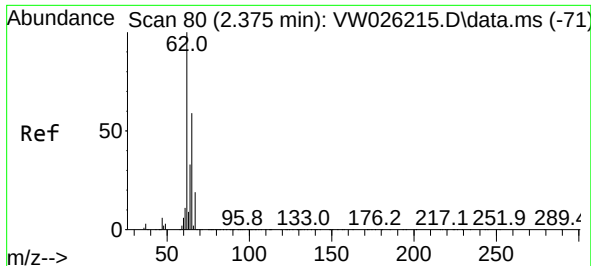
Tgt Ion: 85 Resp: 187423
 Ion Ratio Lower Upper
 85 100
 87 28.1 22.2 33.2



#3
 Chloromethane
 Concen: 19.583 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

Tgt Ion: 50 Resp: 280017
 Ion Ratio Lower Upper
 50 100
 52 33.2 21.3 39.6

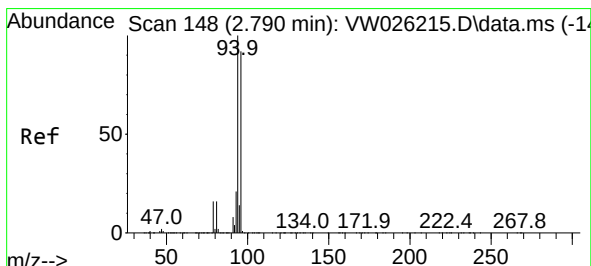
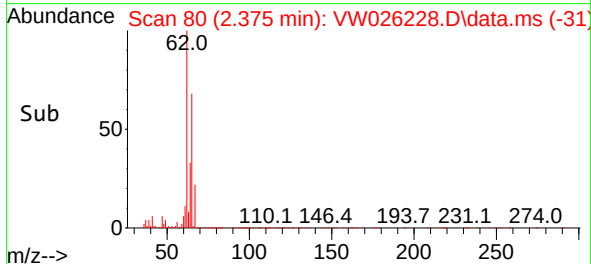
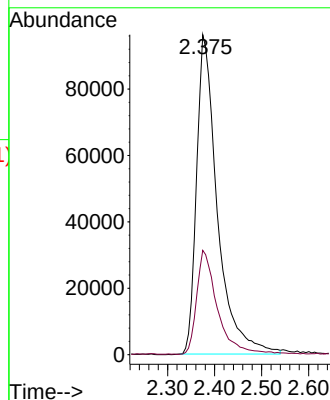
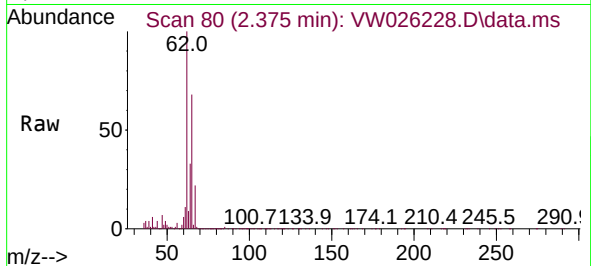




#5
 Vinyl chloride
 Concen: 19.408 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

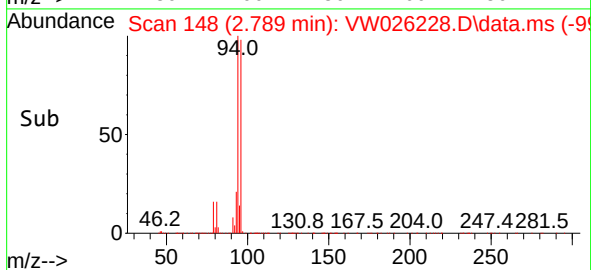
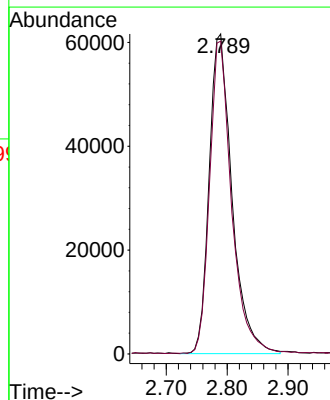
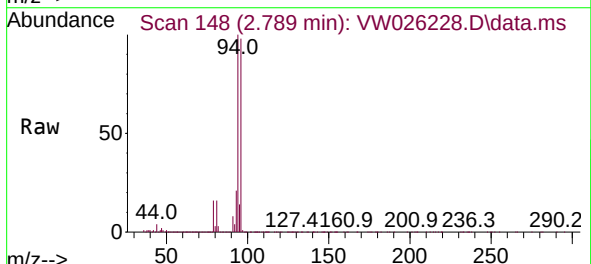
Instrument :
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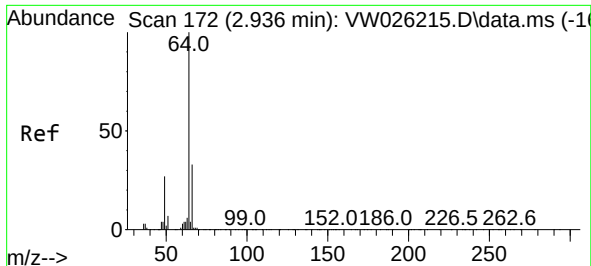
Tgt Ion: 62 Resp: 296633
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.1



#6
 Bromomethane
 Concen: 19.222 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

Tgt Ion: 94 Resp: 160164
 Ion Ratio Lower Upper
 94 100
 96 97.7 64.2 119.2

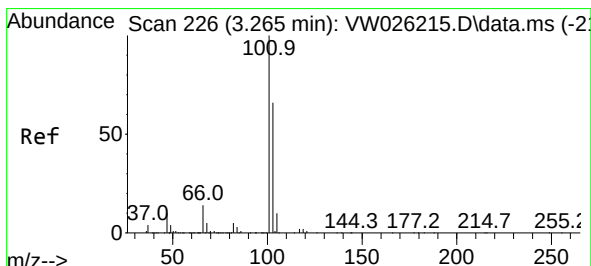
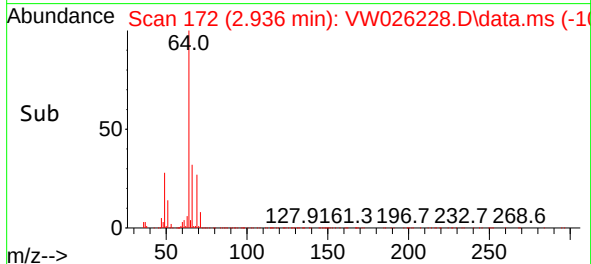
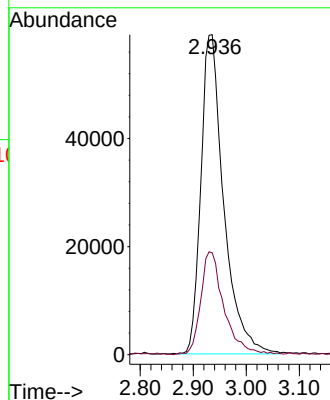
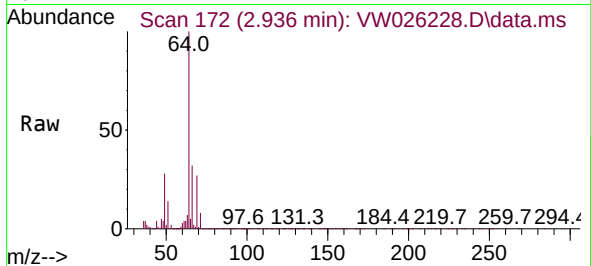




#8
Chloroethane
Concen: 21.397 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

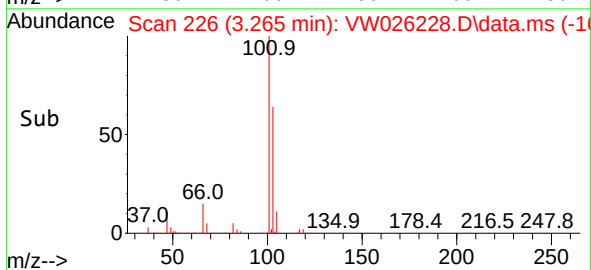
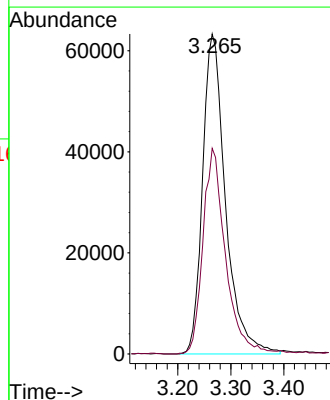
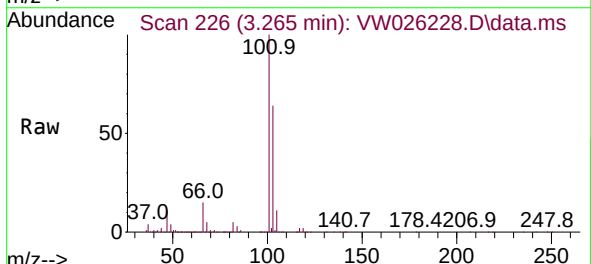
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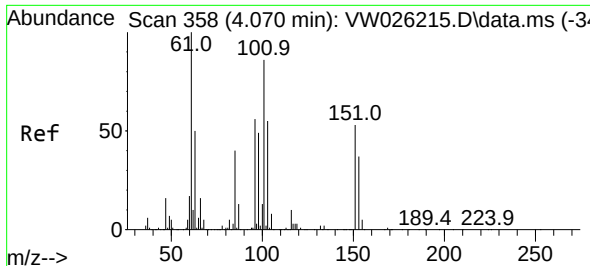
Tgt Ion: 64 Resp: 176725
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 19.297 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 101 Resp: 189747
Ion Ratio Lower Upper
101 100
103 62.0 51.6 77.4

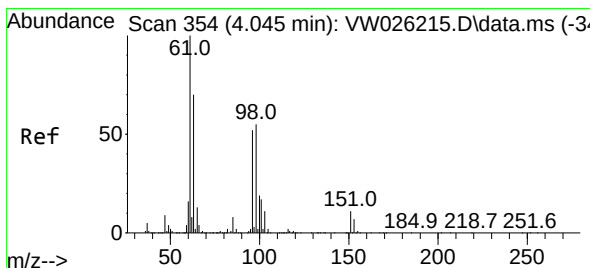
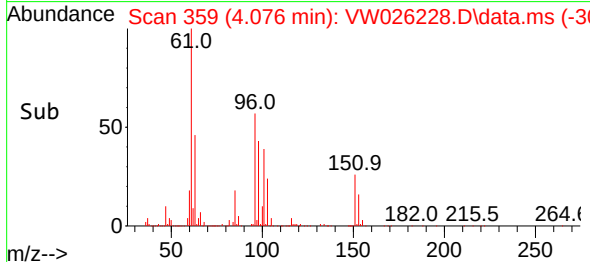
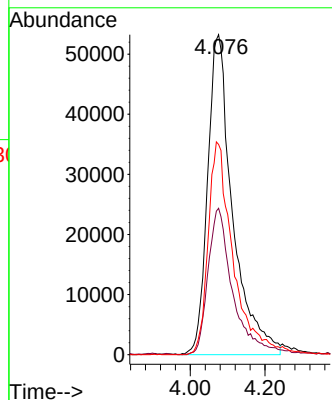
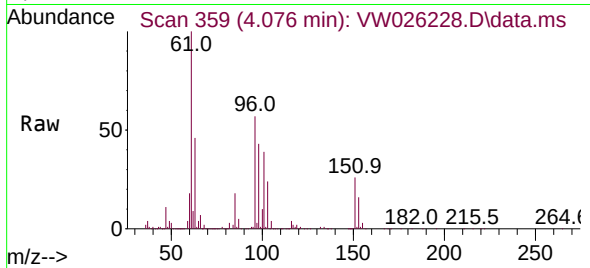




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.962 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

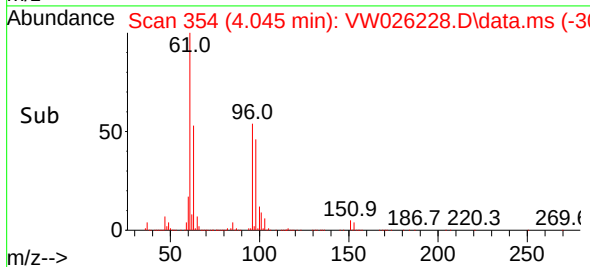
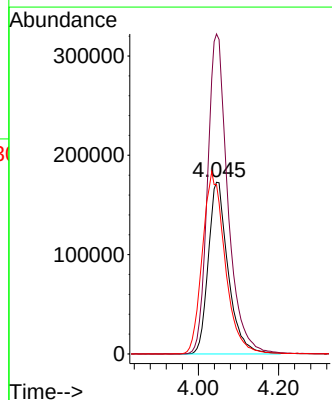
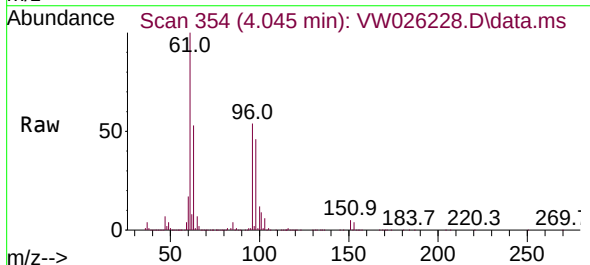
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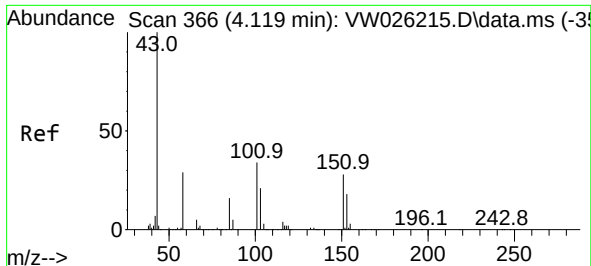
Tgt Ion:101 Resp: 247672
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.1 54.1
 151 60.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 51.353 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

Tgt Ion: 96 Resp: 594774
 Ion Ratio Lower Upper
 96 100
 61 186.4 140.6 261.0
 63 98.7 131.7 244.5#

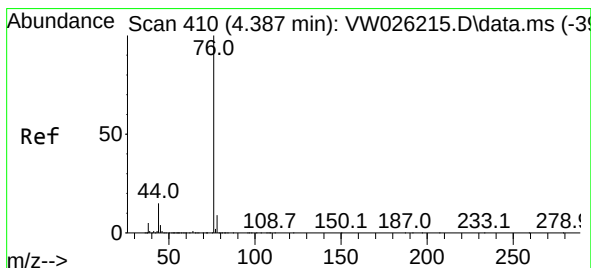
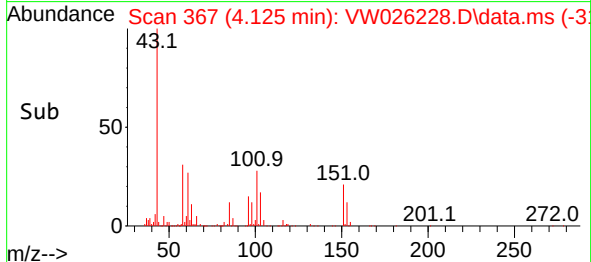
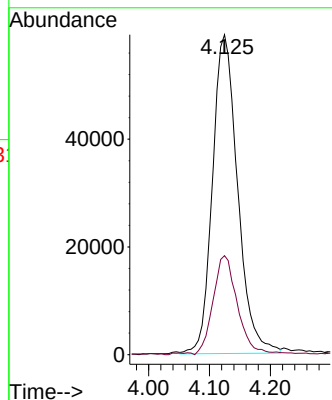
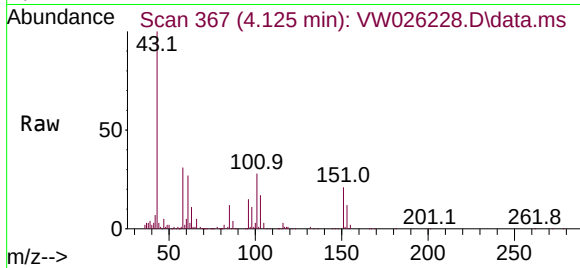




#13
Acetone
Concen: 58.891 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

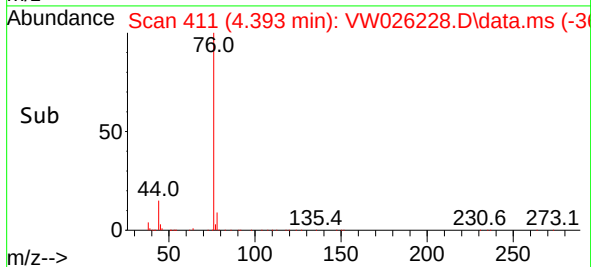
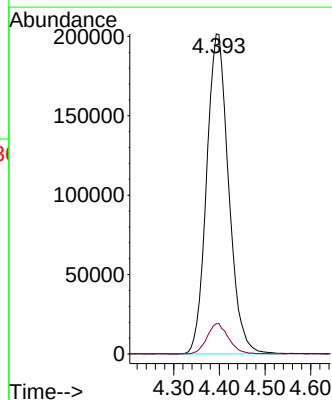
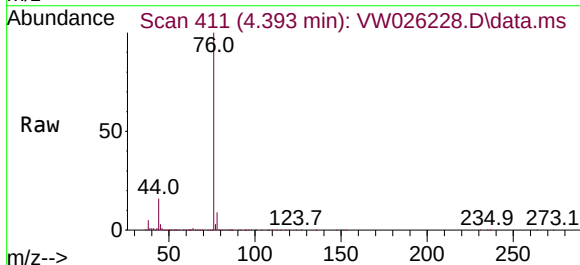
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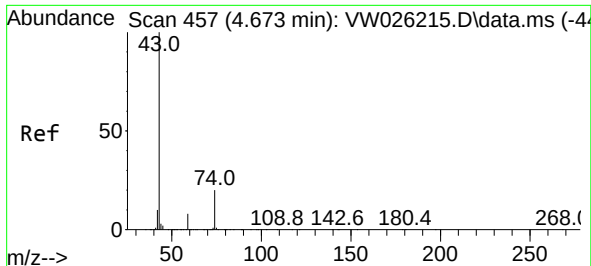
Tgt Ion: 43 Resp: 169776
Ion Ratio Lower Upper
43 100
58 29.9 0.0 58.2



#14
Carbon disulfide
Concen: 16.521 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 675483
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

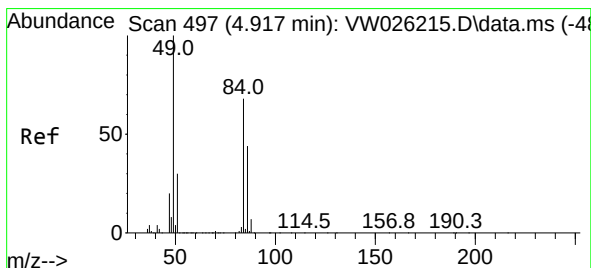
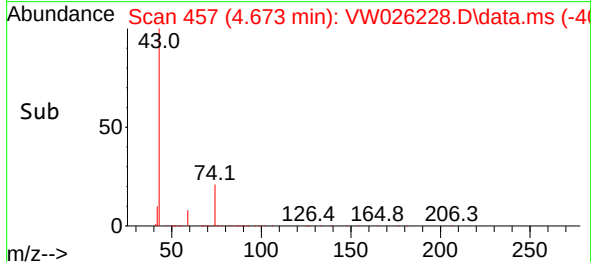
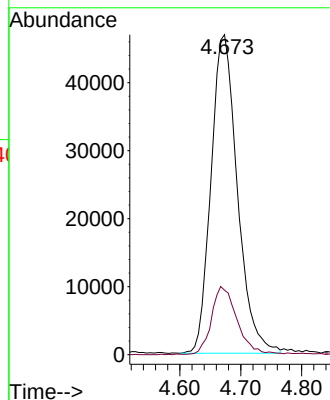
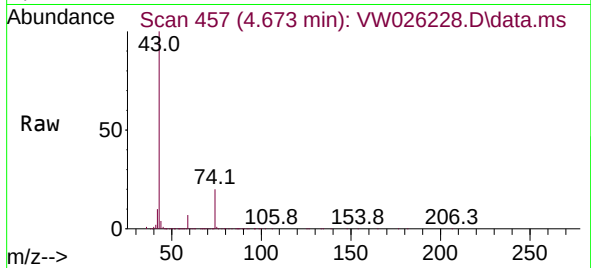




#15
Methyl Acetate
Concen: 21.791 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

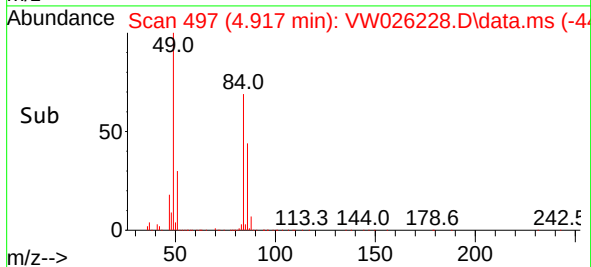
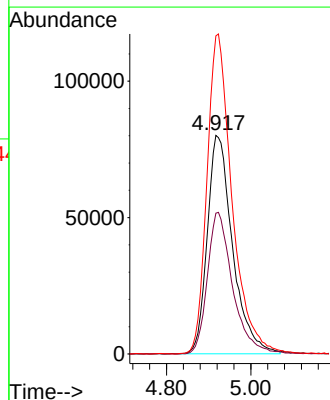
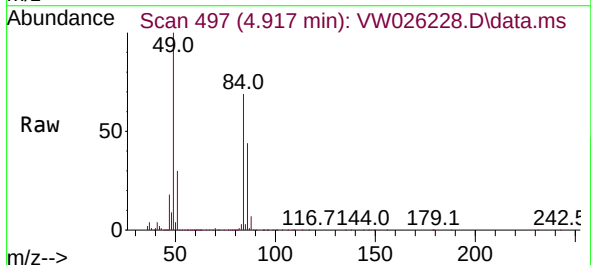
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

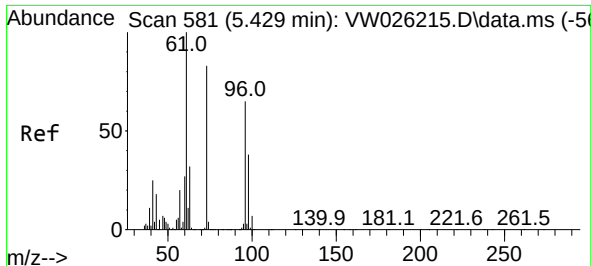
Tgt Ion: 43 Resp: 140992
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0



#16
Methylene chloride
Concen: 23.007 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 84 Resp: 334042
Ion Ratio Lower Upper
84 100
86 64.4 44.2 82.0
49 145.5 98.8 183.6



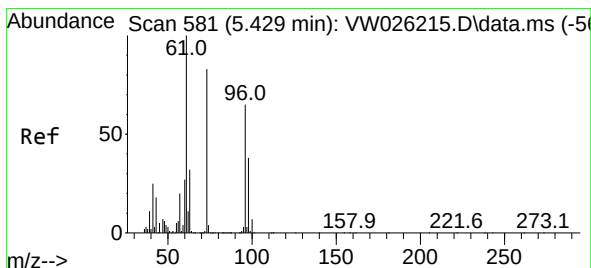
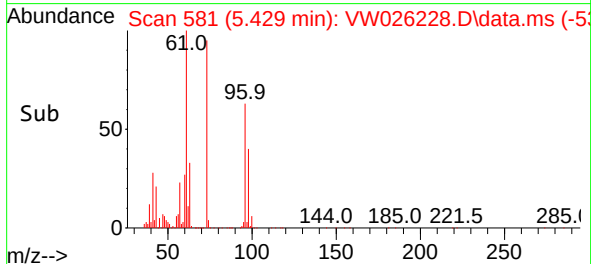
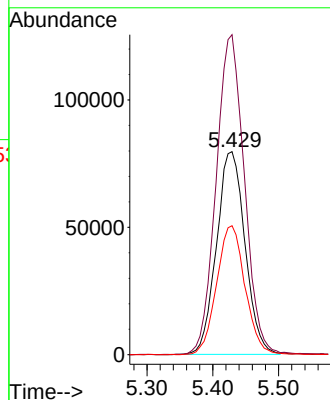
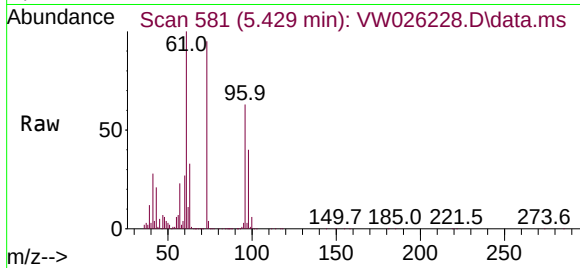


#17
 trans-1,2-Dichloroethene
 Concen: 18.485 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MS

Tgt Ion: 96 Resp: 240214

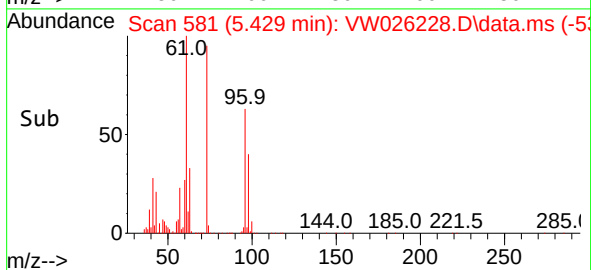
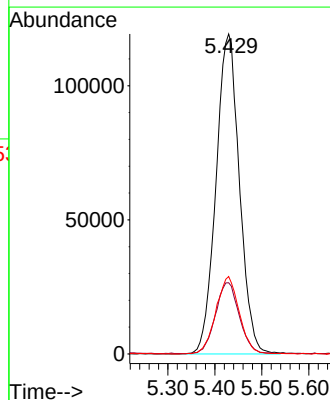
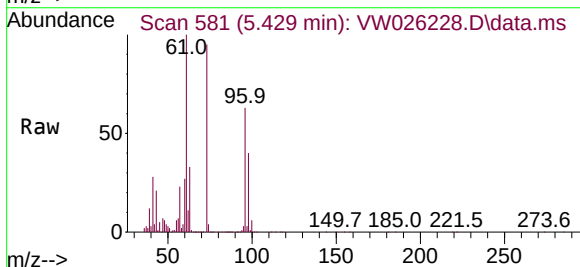
Ion	Ratio	Lower	Upper
96	100		
61	157.6	113.0	209.8
98	63.5	42.5	78.9

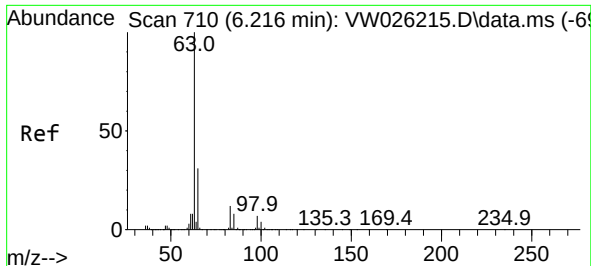


#18
 Methyl tert-butyl Ether
 Concen: 20.194 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

Tgt Ion: 73 Resp: 413590

Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.8	26.6
57	24.0	18.9	28.3





#19

1,1-Dichloroethane

Concen: 20.708 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

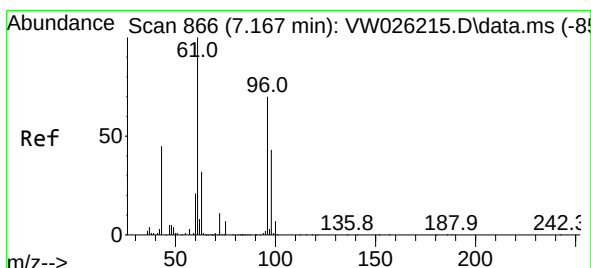
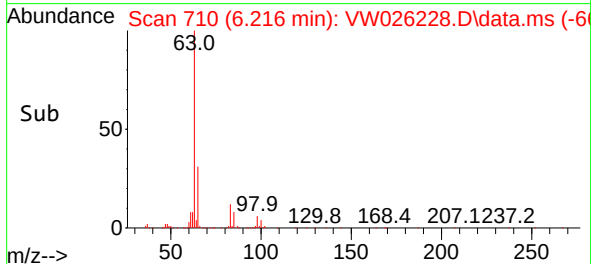
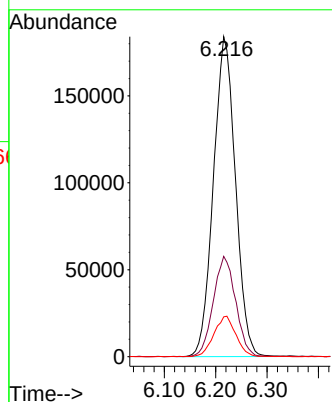
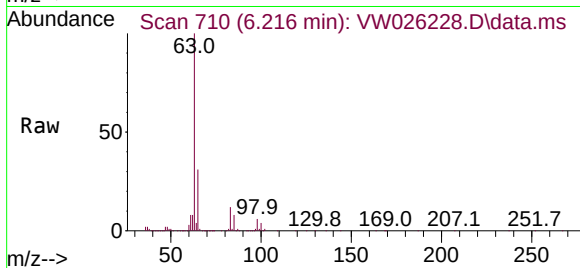
Tgt Ion: 63 Resp: 547827

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 12.5 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 21.360 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

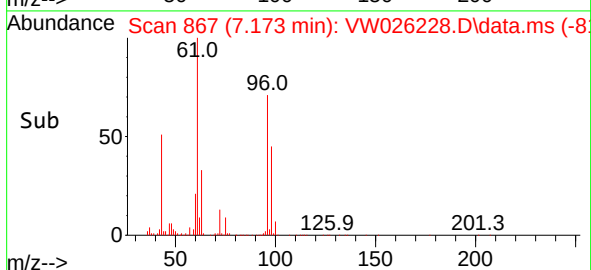
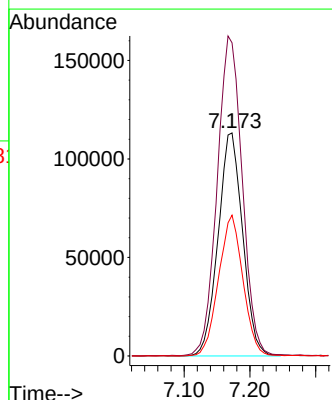
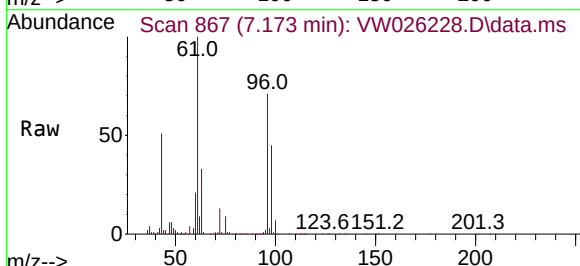
Tgt Ion: 96 Resp: 294014

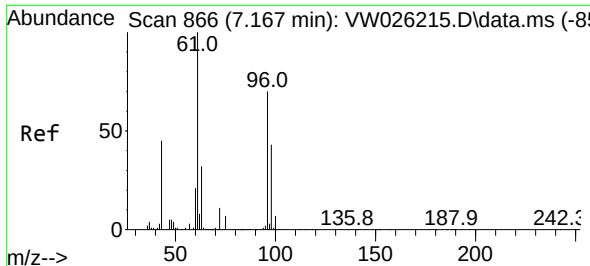
Ion Ratio Lower Upper

96 100

61 140.3 98.4 182.8

98 63.1 45.2 84.0

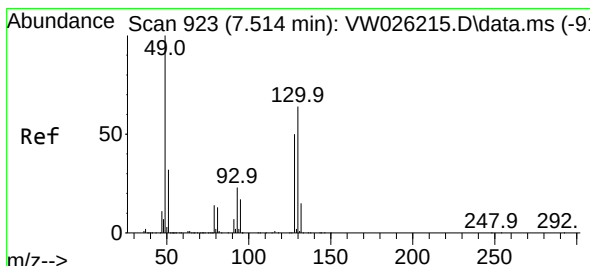
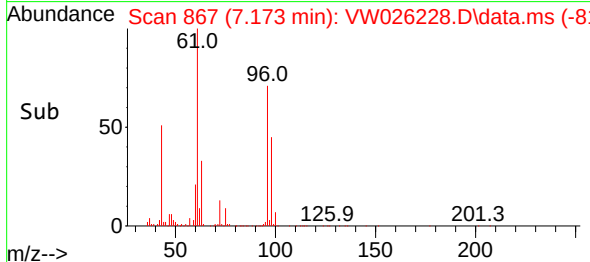
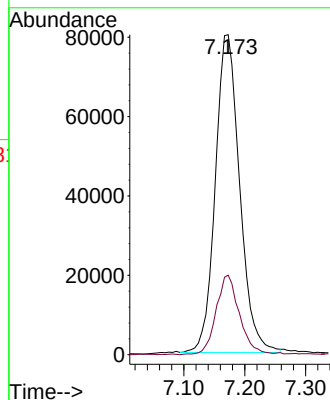
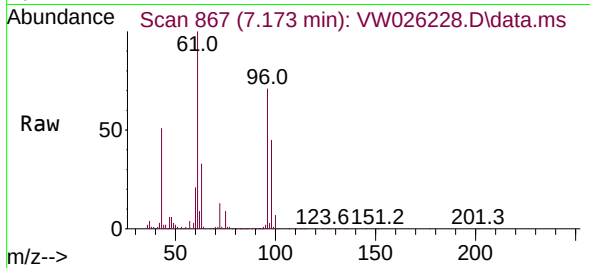




#22
2-Butanone
Concen: 54.013 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

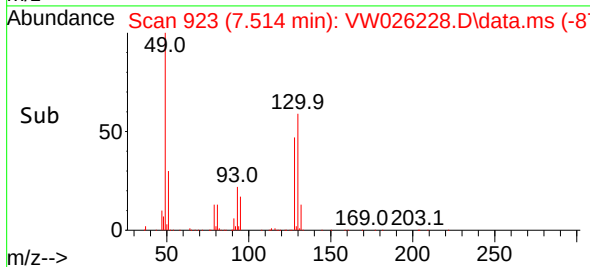
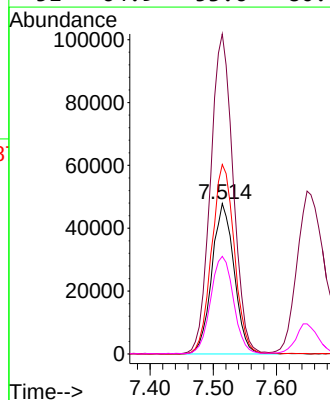
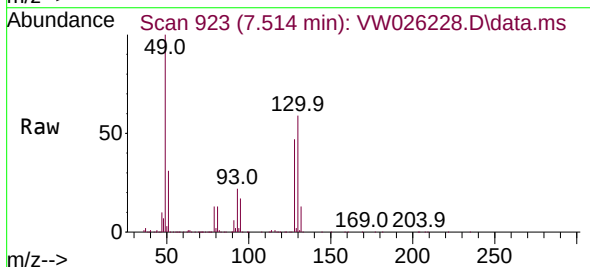
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

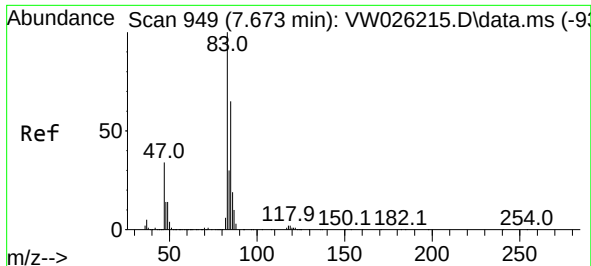
Tgt Ion: 43 Resp: 222121
Ion Ratio Lower Upper
43 100
72 24.0 12.4 37.4



#23
Bromochloromethane
Concen: 19.909 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 128 Resp: 116873
Ion Ratio Lower Upper
128 100
49 212.8 140.6 261.0
130 126.0 86.0 159.6
51 64.9 53.6 80.4

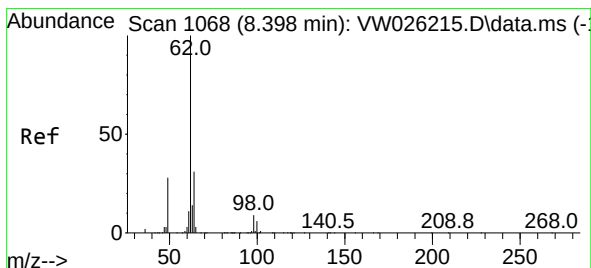
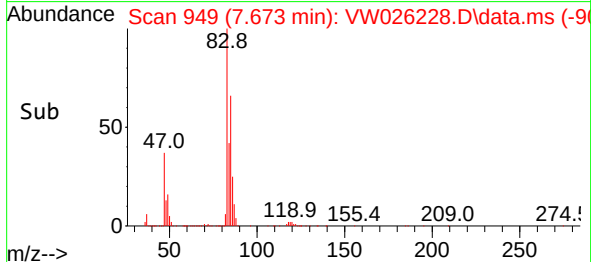
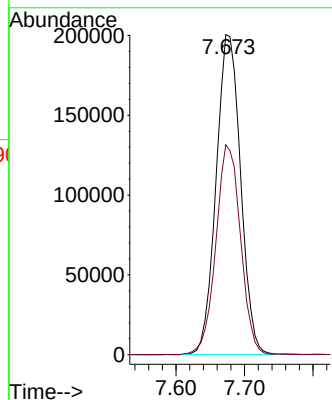
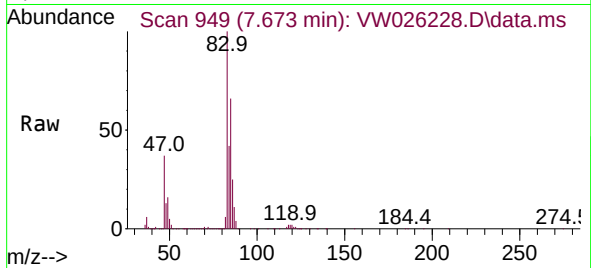




#25
Chloroform
Concen: 20.152 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

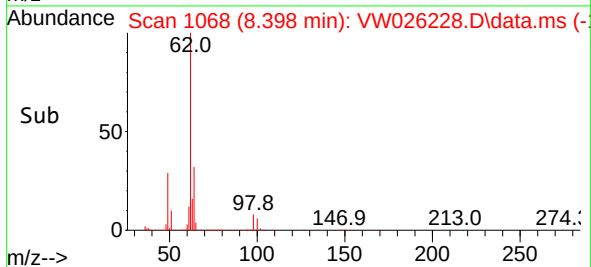
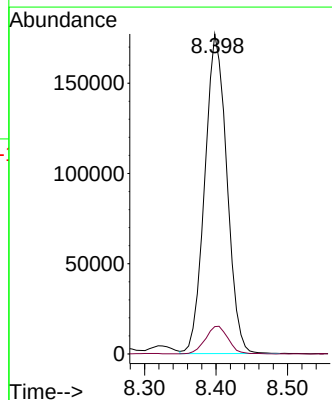
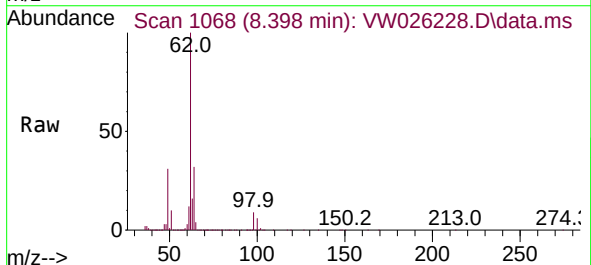
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

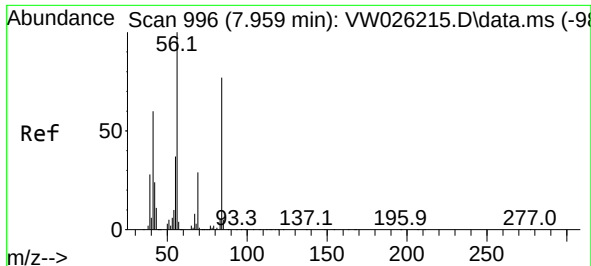
Tgt Ion: 83 Resp: 496562
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.320 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 62 Resp: 379323
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.2

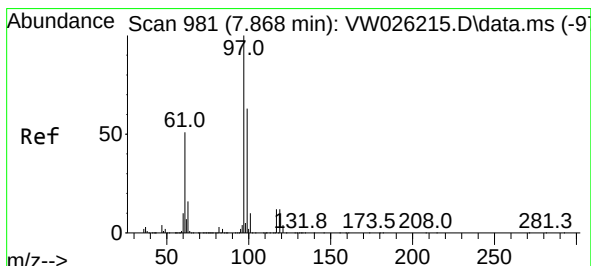
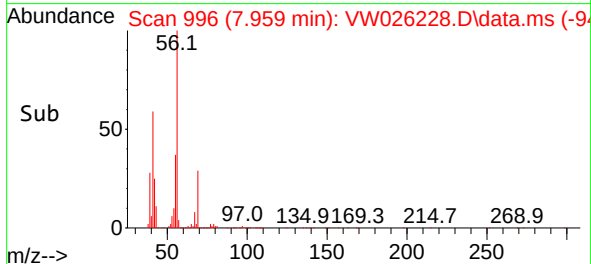
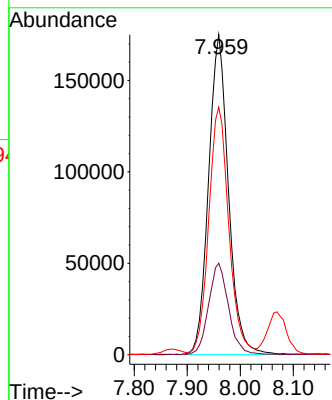
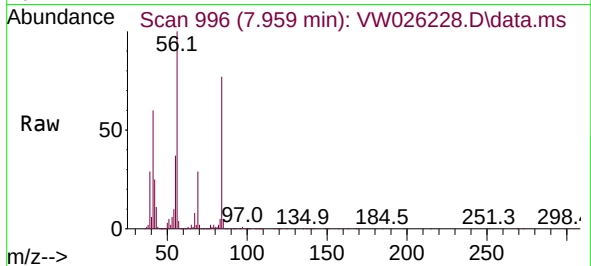




#29
Cyclohexane
Concen: 19.521 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

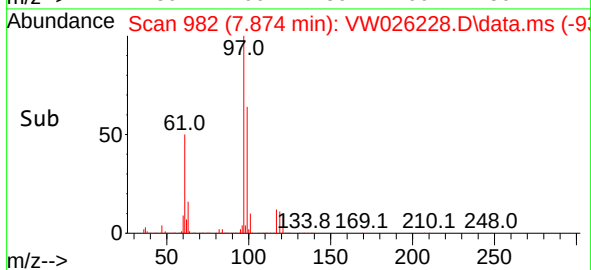
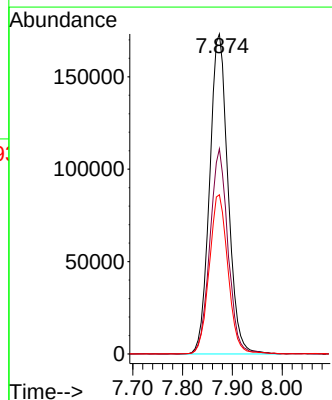
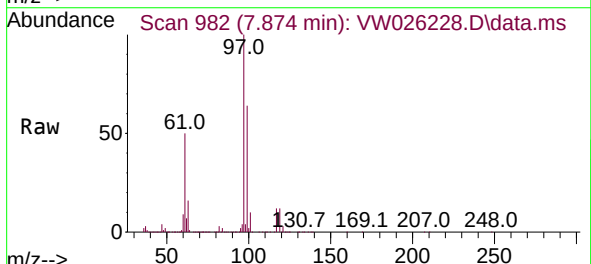
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

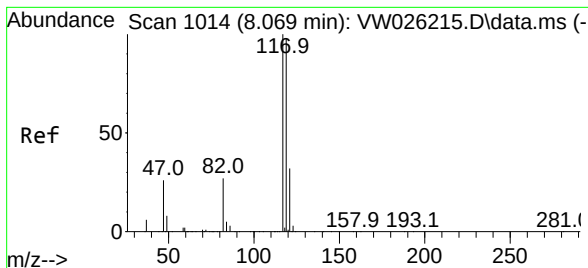
Tgt Ion: 56 Resp: 455484
Ion Ratio Lower Upper
56 100
69 28.5 23.3 34.9
84 78.1 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 24.169 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 97 Resp: 443262
Ion Ratio Lower Upper
97 100
99 62.8 50.6 76.0
61 50.6 40.5 60.7

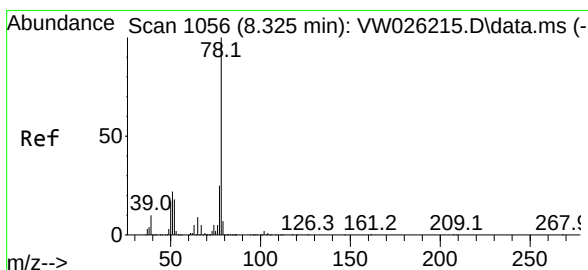
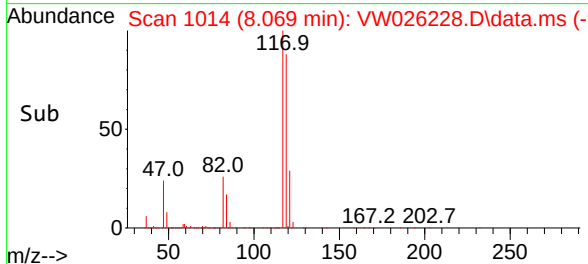
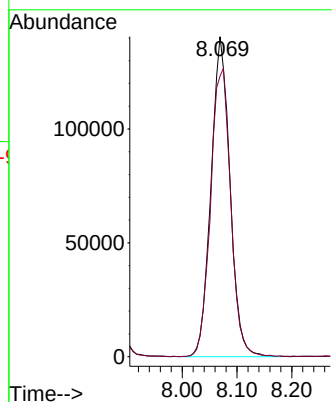
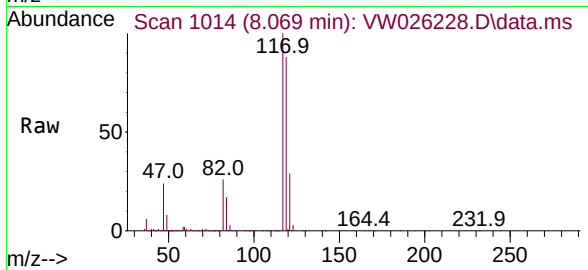




#31
Carbon tetrachloride
Concen: 20.156 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

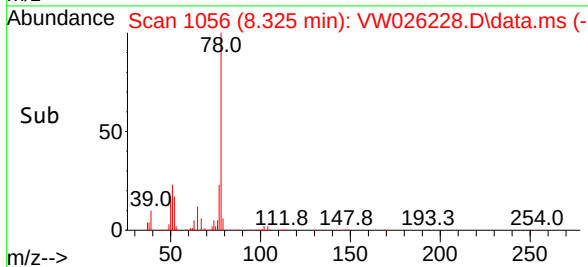
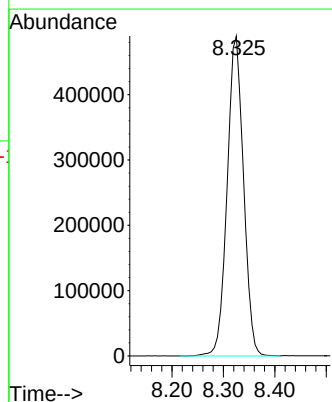
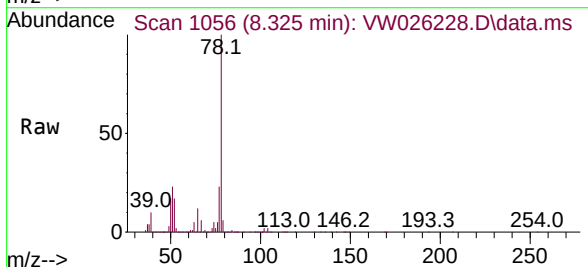
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

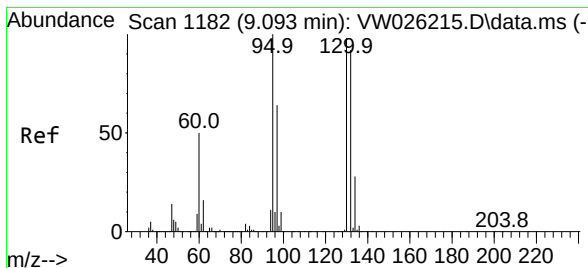
Tgt Ion:117 Resp: 337326
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2



#33
Benzene
Concen: 20.924 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 78 Resp: 1083261





#34

Trichloroethene

Concen: 20.346 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

Tgt Ion: 95 Resp: 269725

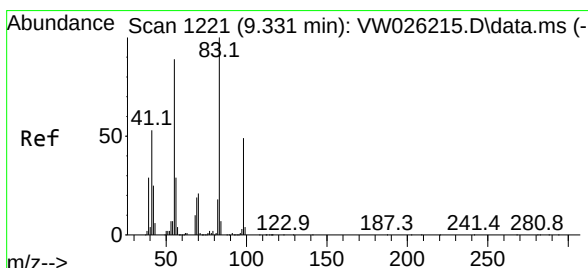
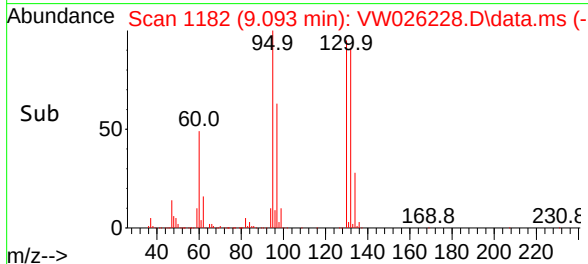
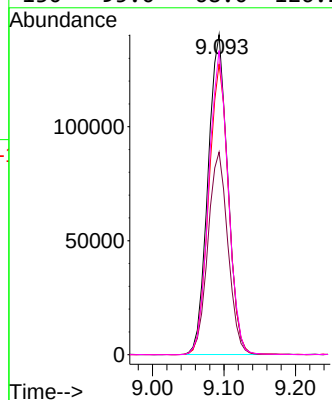
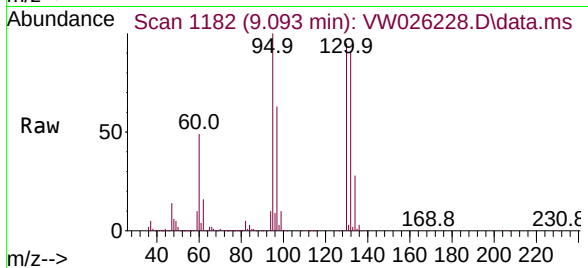
Ion Ratio Lower Upper

95 100

97 63.3 45.9 85.3

132 90.8 67.1 124.7

130 95.0 68.0 126.2



#35

Methylcyclohexane

Concen: 19.484 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

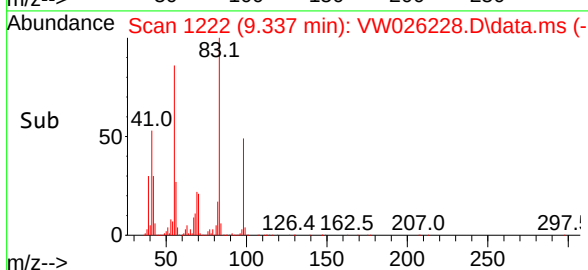
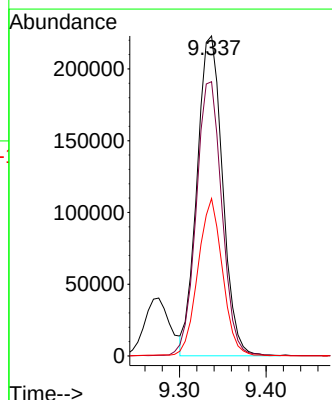
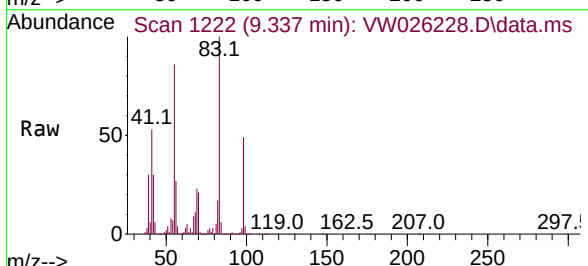
Tgt Ion: 83 Resp: 457055

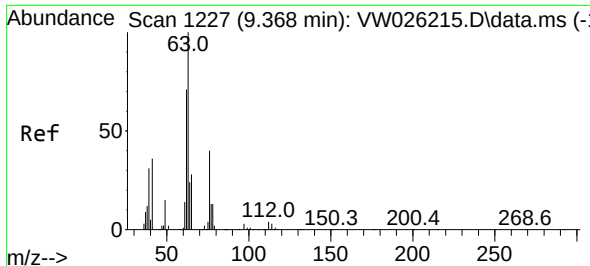
Ion Ratio Lower Upper

83 100

55 86.2 68.2 102.4

98 46.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 22.184 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

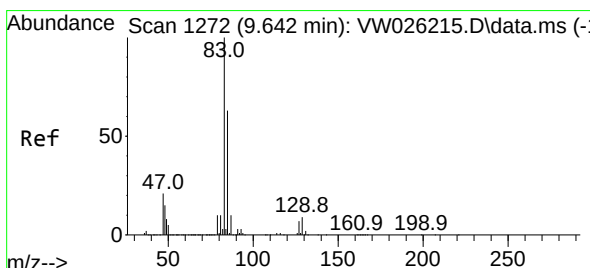
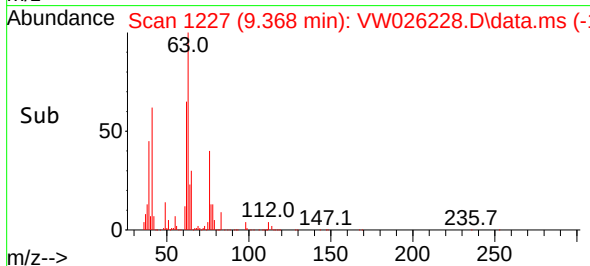
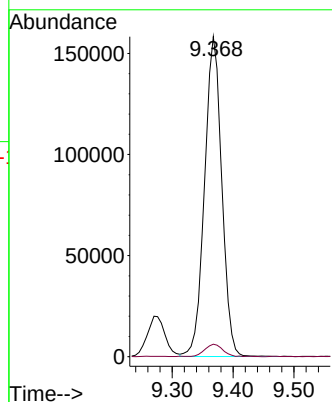
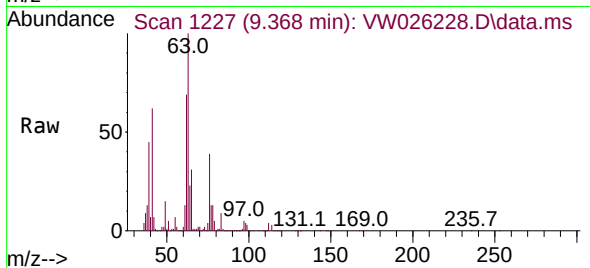
YBW10MS

Tgt Ion: 63 Resp: 311076

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 21.807 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

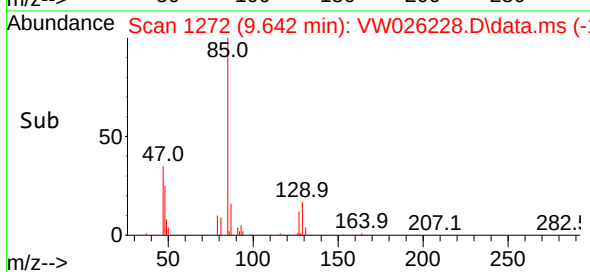
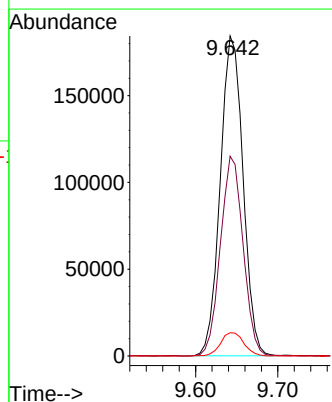
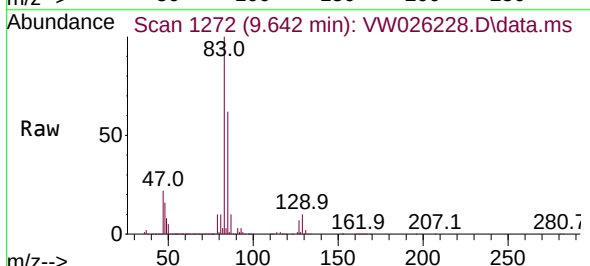
Tgt Ion: 83 Resp: 355269

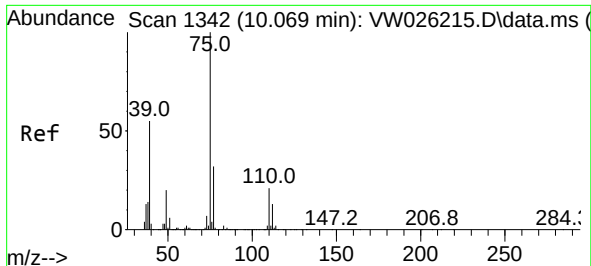
Ion Ratio Lower Upper

83 100

85 62.4 44.2 82.0

127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.799 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

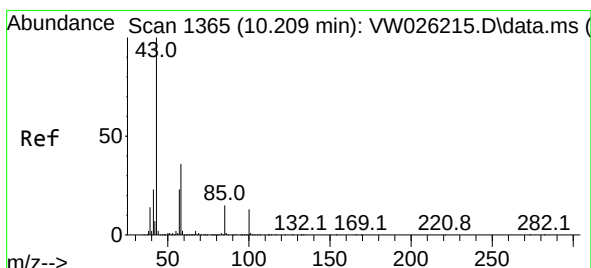
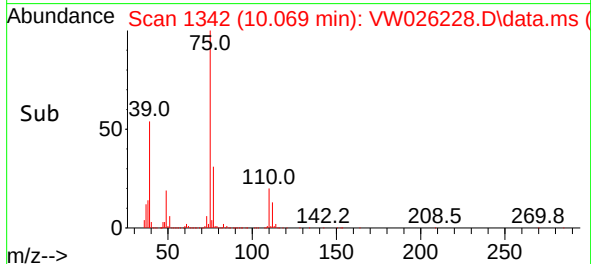
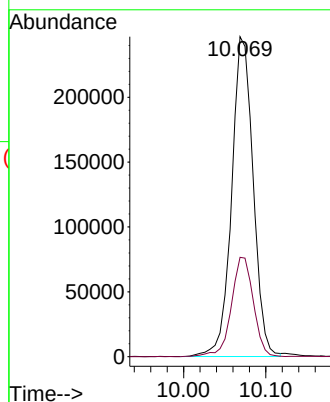
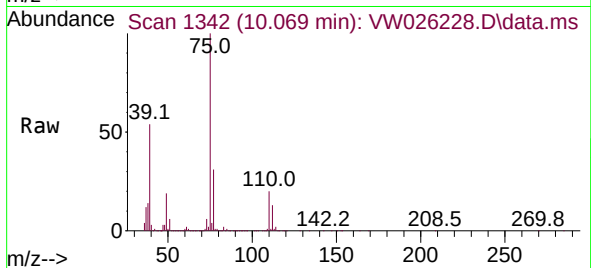
YBW10MS

Tgt Ion: 75 Resp: 449205

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 50.196 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

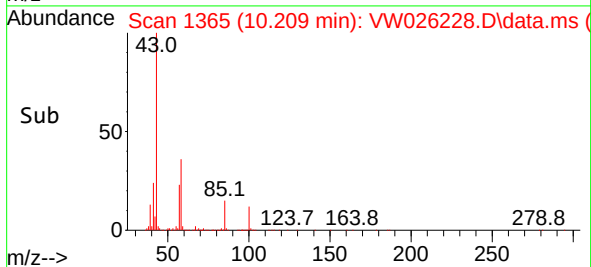
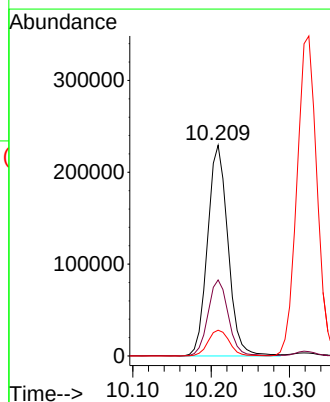
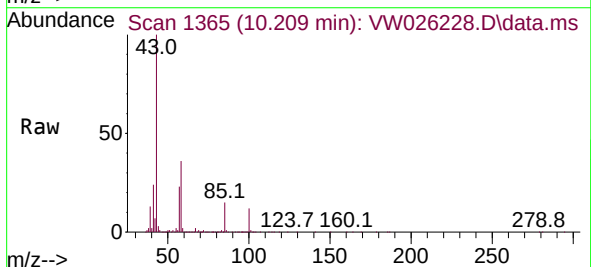
Tgt Ion: 43 Resp: 414985

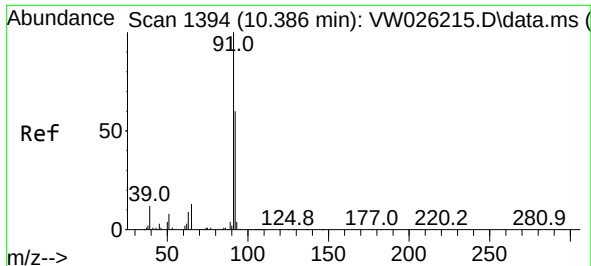
Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.4

100 12.9 10.5 15.7

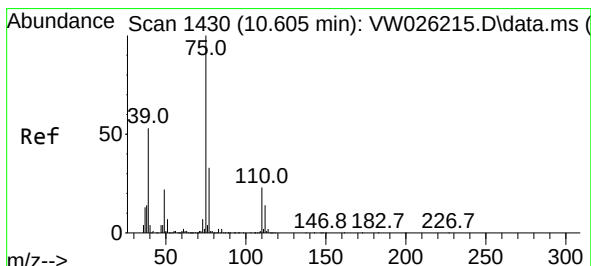
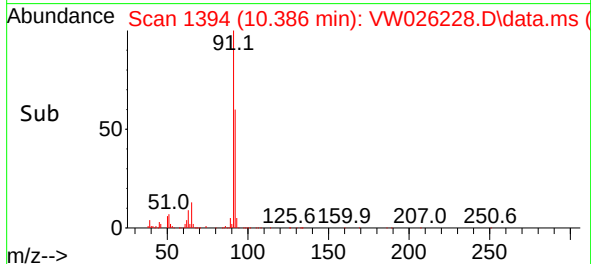
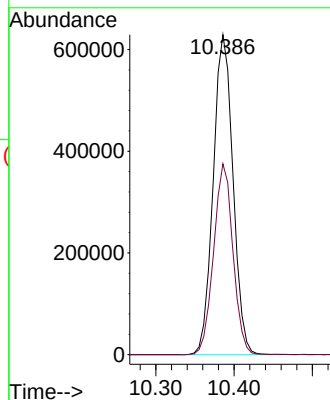
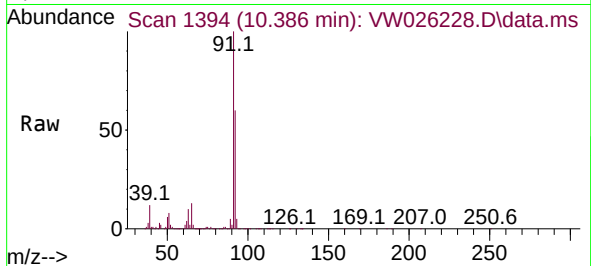




#42
Toluene
Concen: 20.836 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

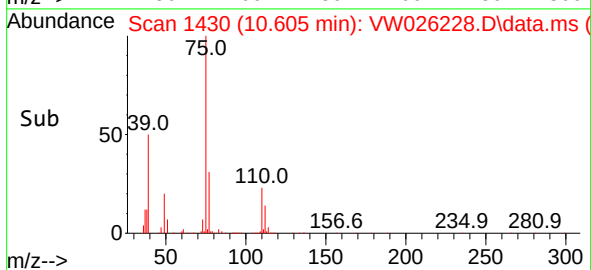
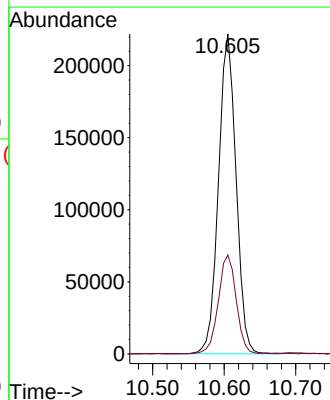
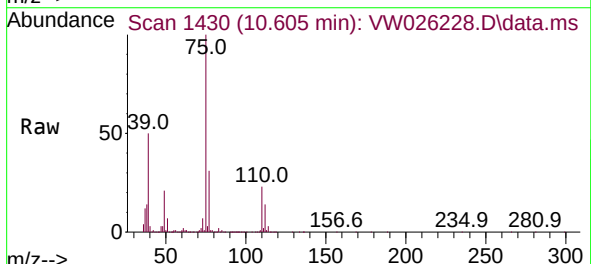
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

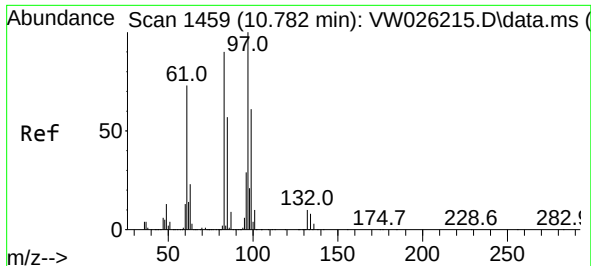
Tgt Ion: 91 Resp: 1103330
Ion Ratio Lower Upper
91 100
92 59.6 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.071 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 75 Resp: 378902
Ion Ratio Lower Upper
75 100
77 30.9 21.1 39.3



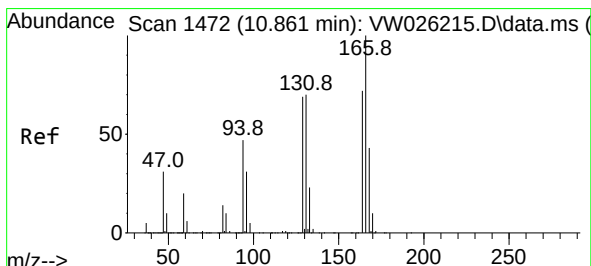
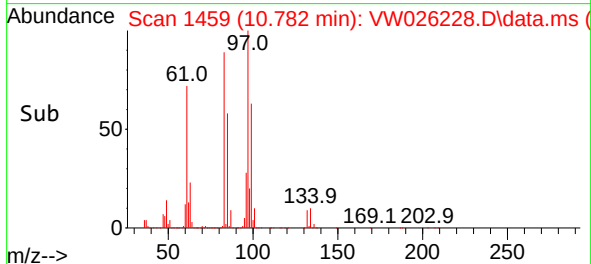
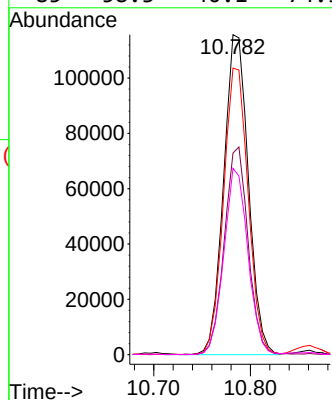
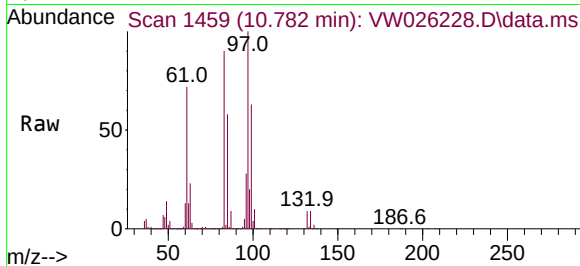


#45
1,1,2-Trichloroethane
Concen: 22.273 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

Tgt Ion: 97 Resp: 205839

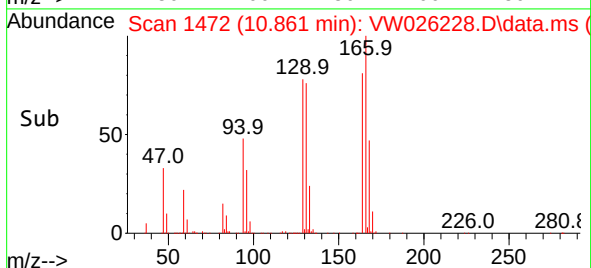
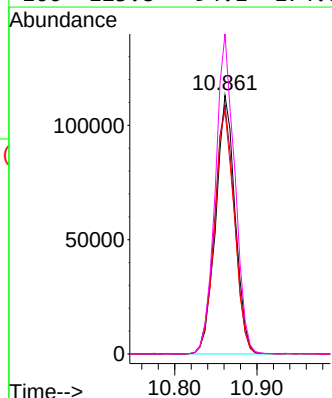
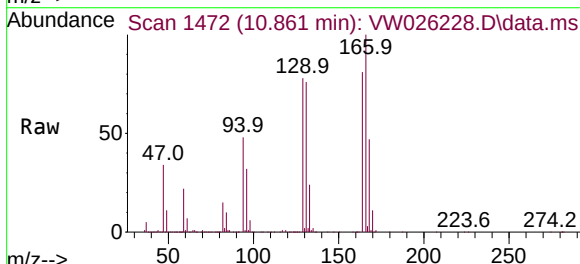
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.3	80.5
83	89.5	62.9	116.9
85	58.3	40.1	74.5

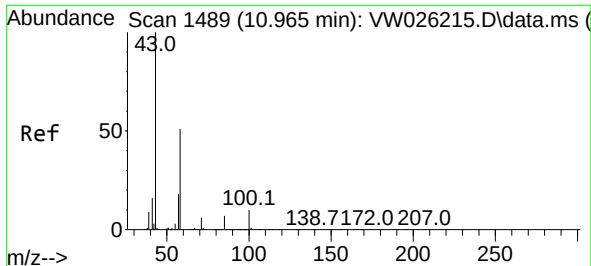


#46
Tetrachloroethene
Concen: 19.815 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 164 Resp: 185798

Ion	Ratio	Lower	Upper
164	100		
129	96.3	68.5	127.1
131	94.0	67.1	124.7
166	123.8	94.1	174.8



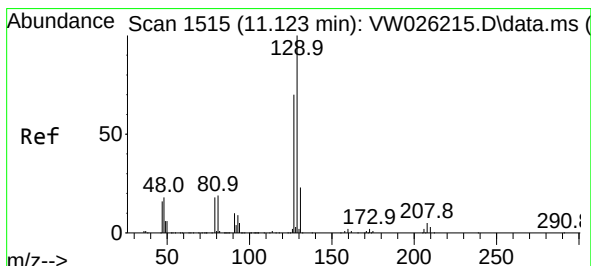
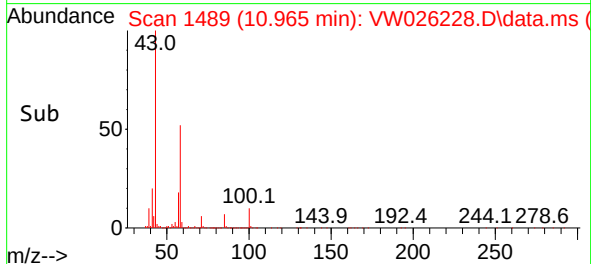
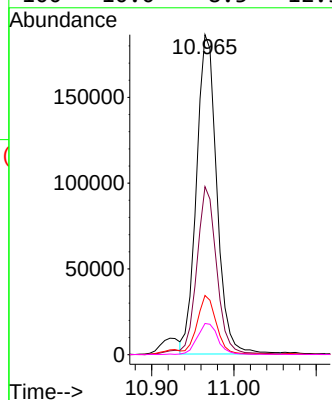
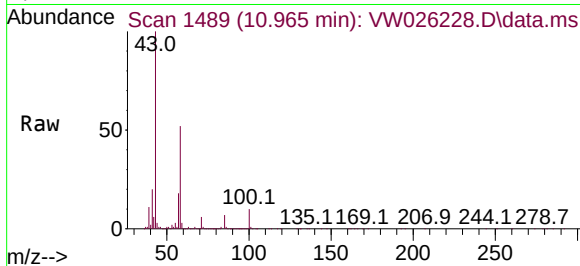


#48
2-Hexanone
Concen: 54.960 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

Tgt Ion: 43 Resp: 320372

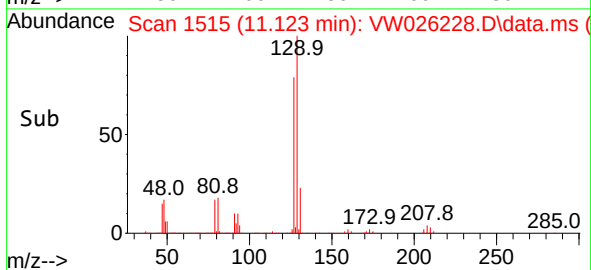
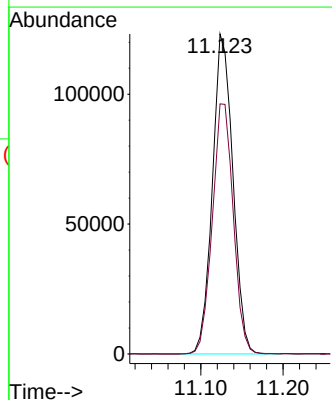
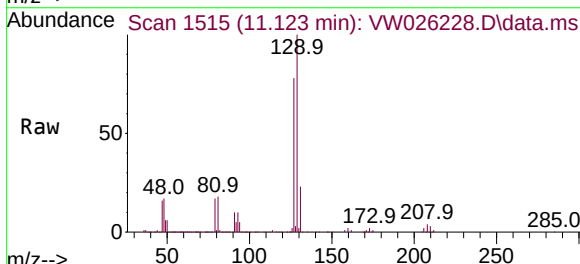
Ion	Ratio	Lower	Upper
43	100		
58	50.8	42.2	63.2
57	17.6	14.2	21.2
100	10.0	8.3	12.5

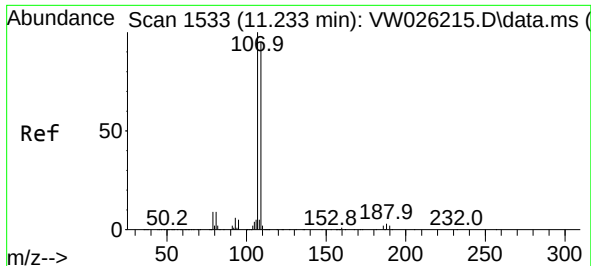


#49
Dibromochloromethane
Concen: 21.997 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 129 Resp: 213137

Ion	Ratio	Lower	Upper
129	100		
127	78.1	56.9	105.7





#50

1,2-Dibromoethane

Concen: 21.687 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

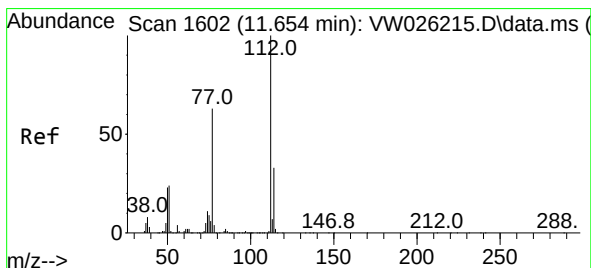
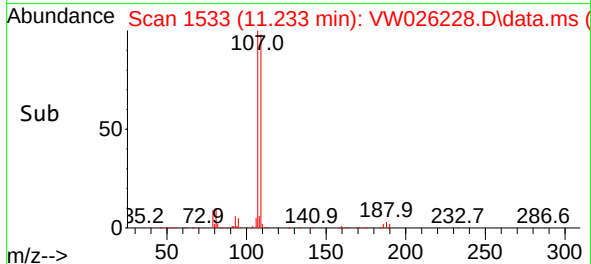
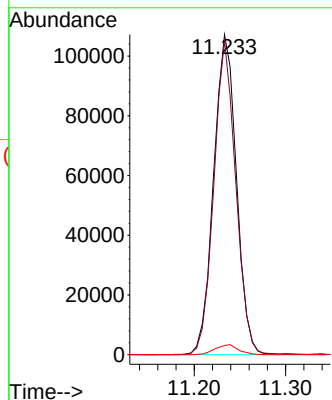
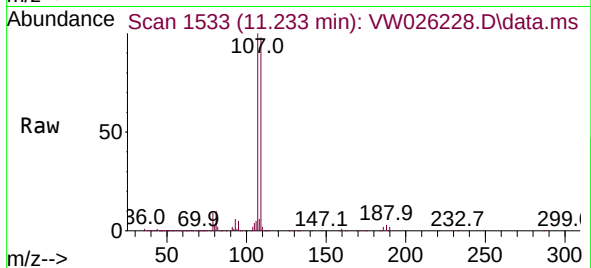
Tgt Ion:107 Resp: 185581

Ion Ratio Lower Upper

107 100

109 98.2 64.0 119.0

188 2.8 2.6 3.8



#51

Chlorobenzene

Concen: 20.449 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

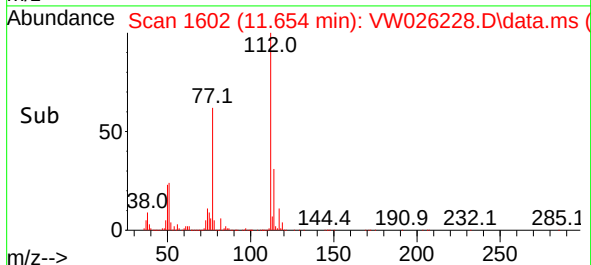
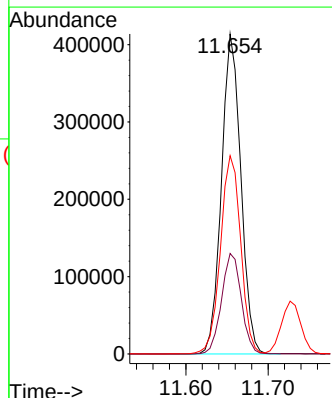
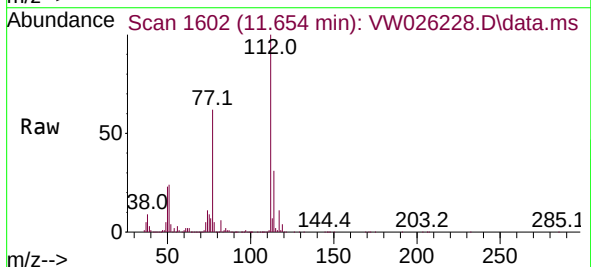
Tgt Ion:112 Resp: 678543

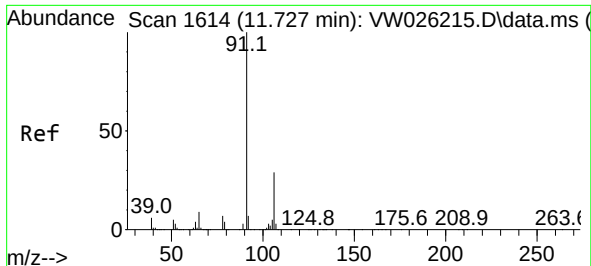
Ion Ratio Lower Upper

112 100

114 31.4 23.0 42.6

77 62.0 50.9 76.3

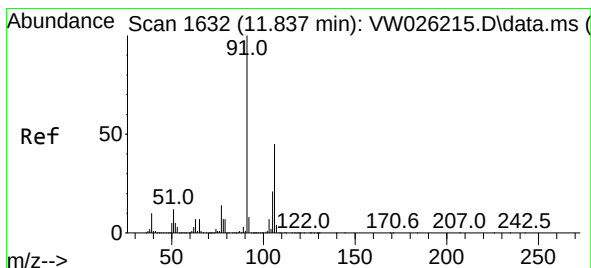
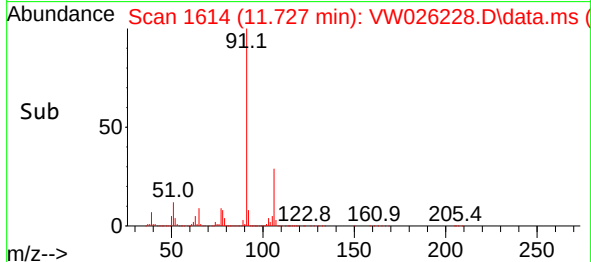
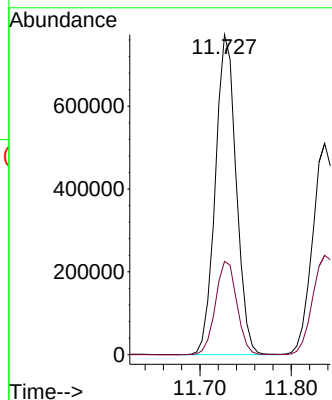
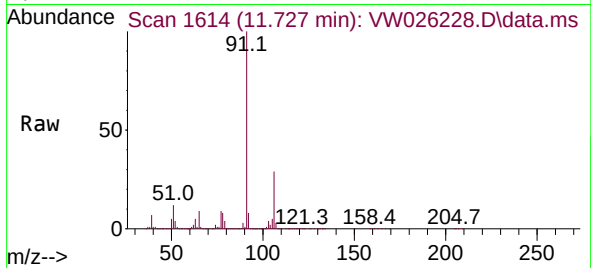




#52
Ethylbenzene
Concen: 20.513 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

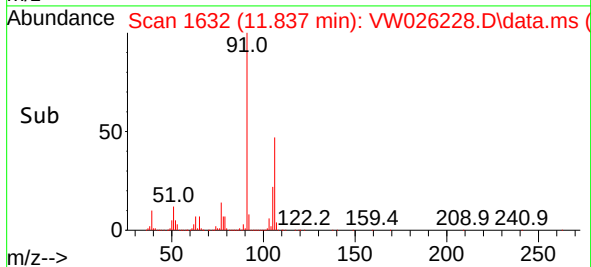
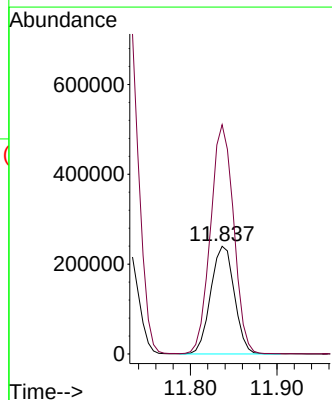
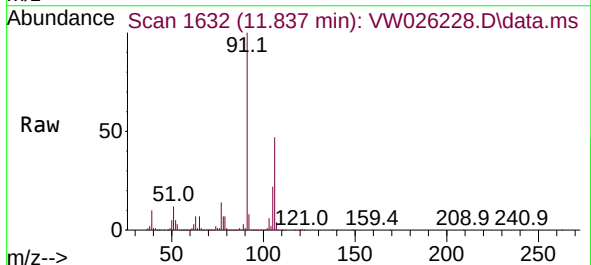
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

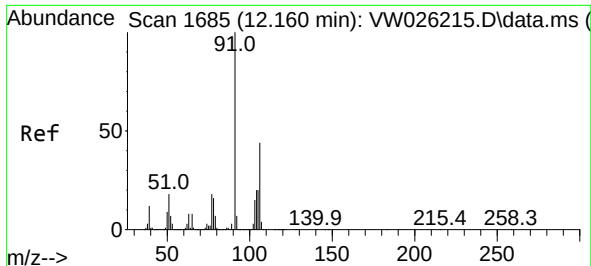
Tgt Ion: 91 Resp: 1225335
Ion Ratio Lower Upper
91 100
106 29.2 21.2 39.4



#53
m,p-Xylene
Concen: 20.486 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion:106 Resp: 455244
Ion Ratio Lower Upper
106 100
91 212.8 149.5 277.7

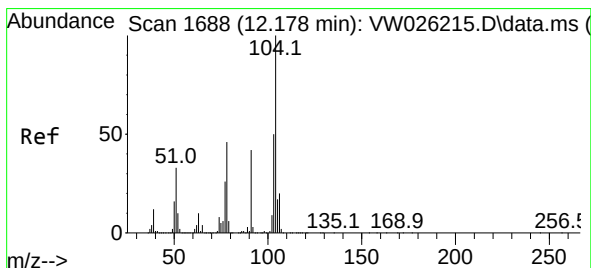
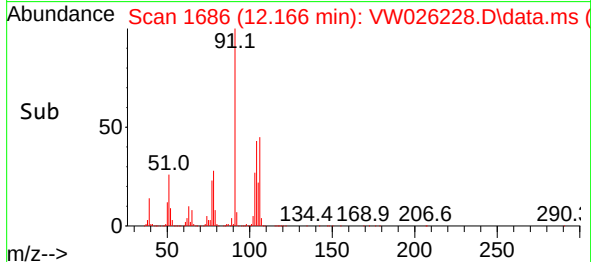
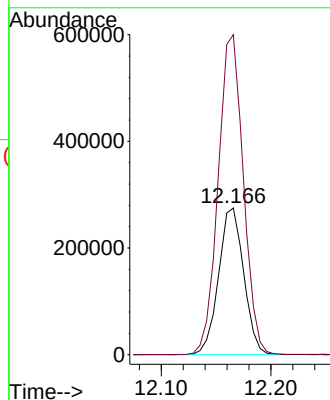
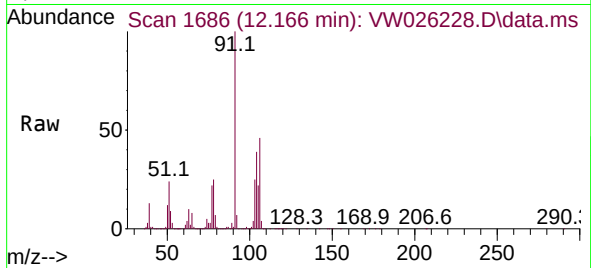




#54
o-Xylene
Concen: 20.872 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

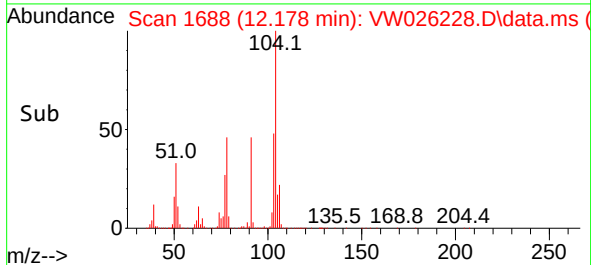
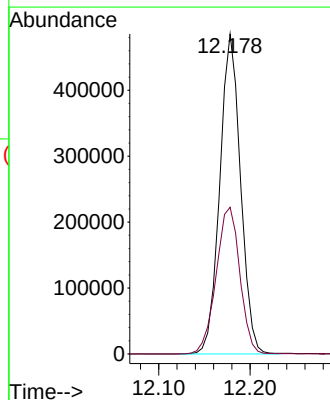
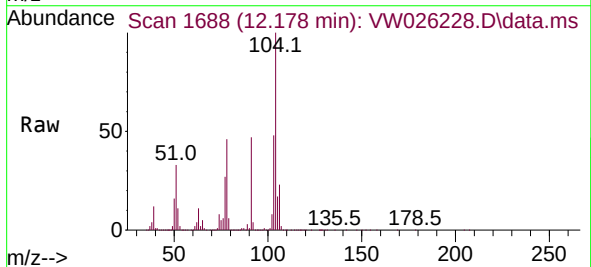
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

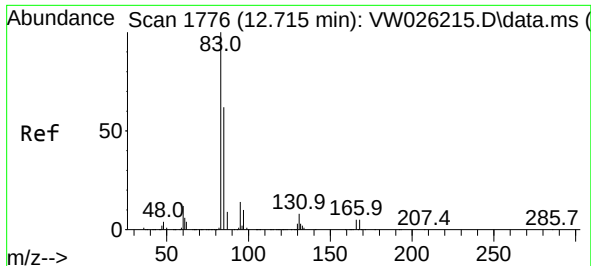
Tgt Ion:106 Resp: 437767
Ion Ratio Lower Upper
106 100
91 218.2 150.9 280.3



#55
Styrene
Concen: 21.280 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion:104 Resp: 765709
Ion Ratio Lower Upper
104 100
78 45.9 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.873 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

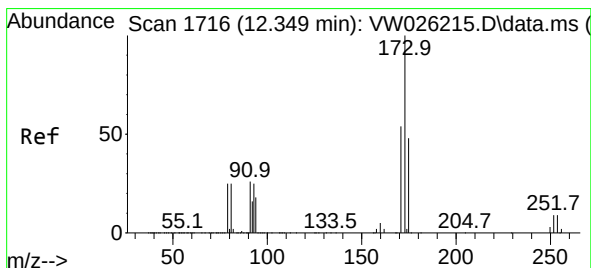
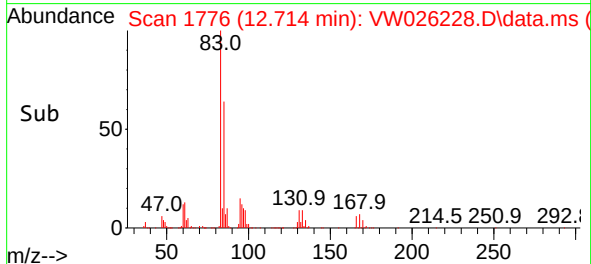
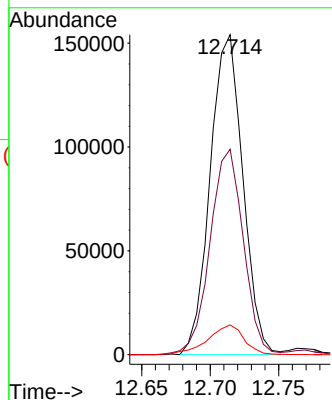
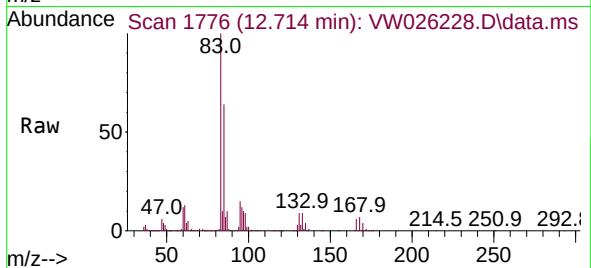
Tgt Ion: 83 Resp: 255821

Ion Ratio Lower Upper

83 100

85 64.2 42.6 79.0

131 9.3 7.2 10.8



#59

Bromoform

Concen: 21.303 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

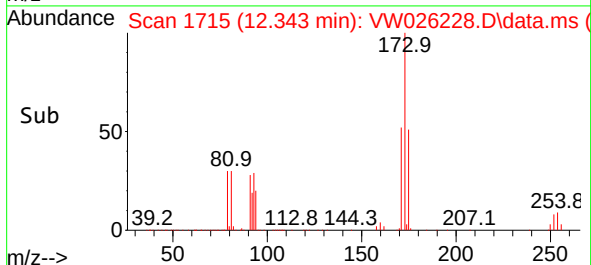
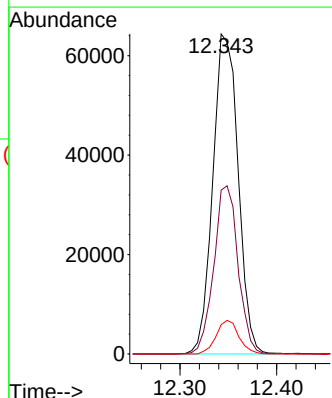
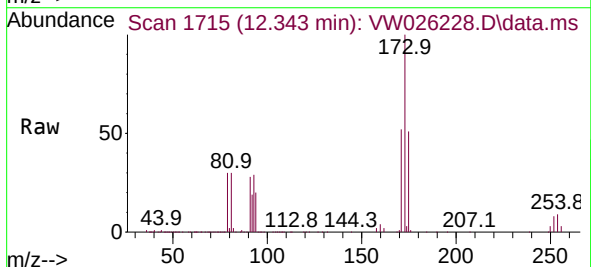
Tgt Ion: 173 Resp: 116903

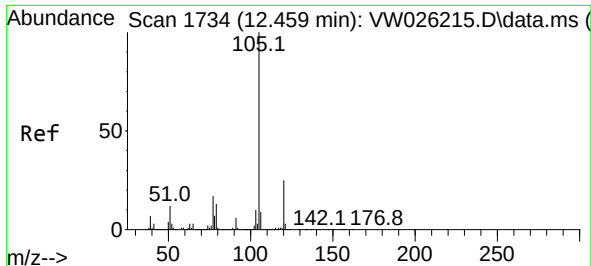
Ion Ratio Lower Upper

173 100

175 50.4 38.6 57.8

254 9.4 7.4 11.0

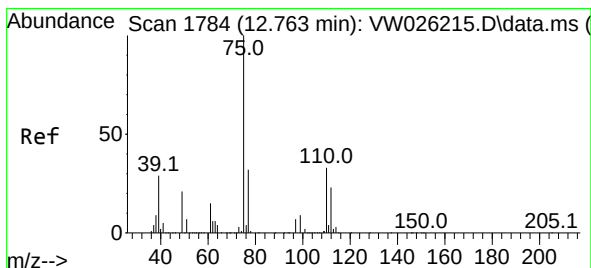
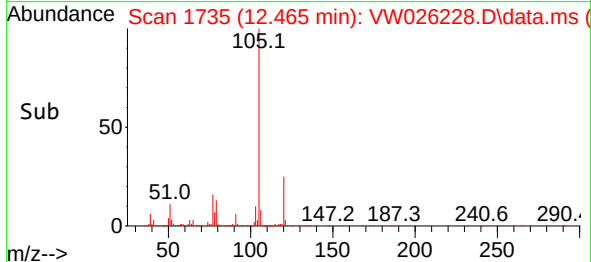
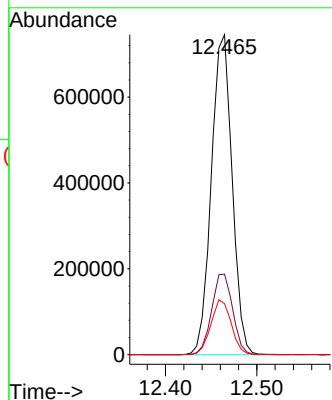
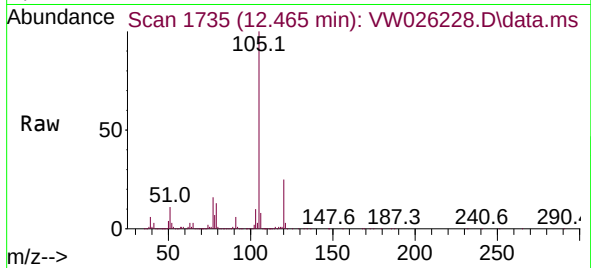




#60
Isopropylbenzene
Concen: 20.484 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

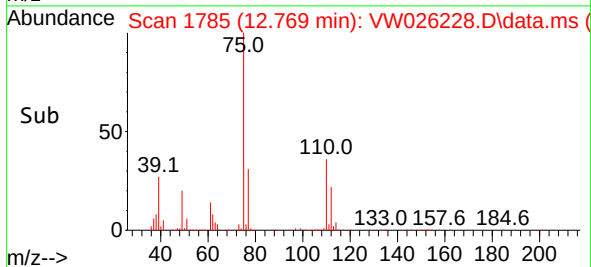
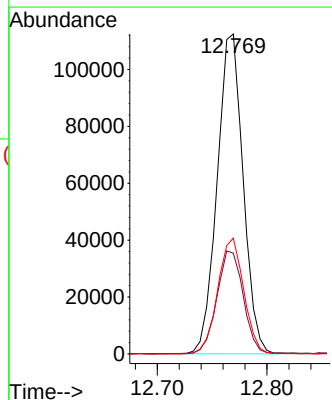
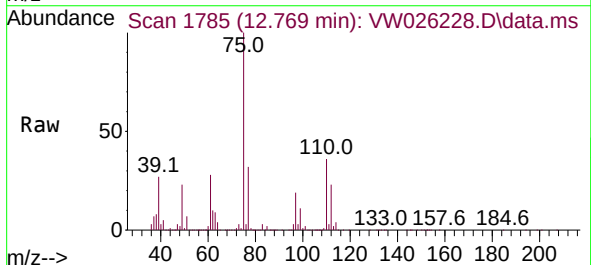
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

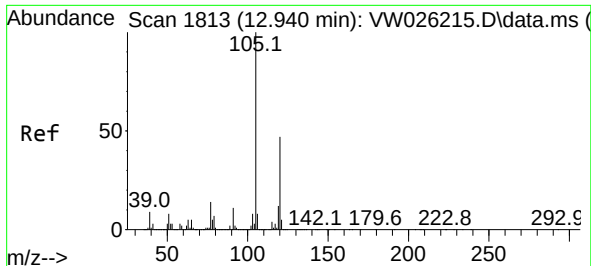
Tgt Ion:105 Resp: 1175670
Ion Ratio Lower Upper
105 100
120 25.5 19.8 29.8
77 16.8 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 22.597 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 75 Resp: 184932
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
110 36.3 28.7 43.1

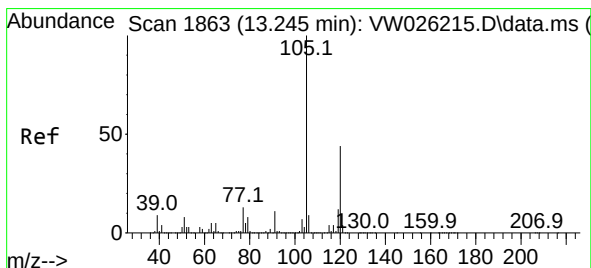
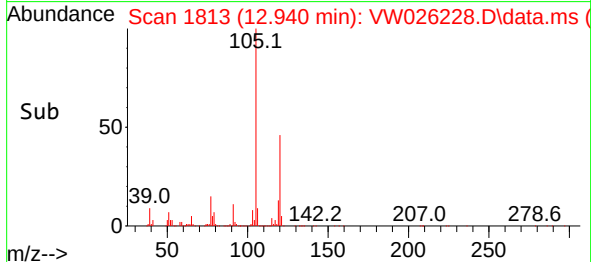
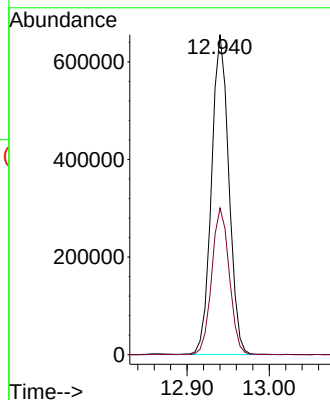
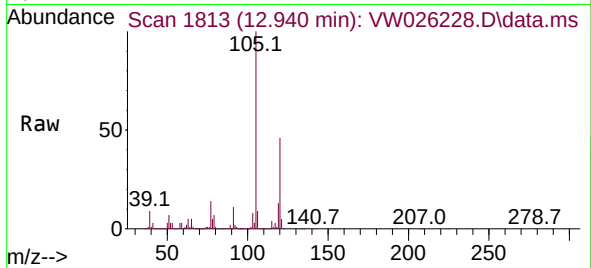




#62
 1,3,5-Trimethylbenzene
 Concen: 21.054 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

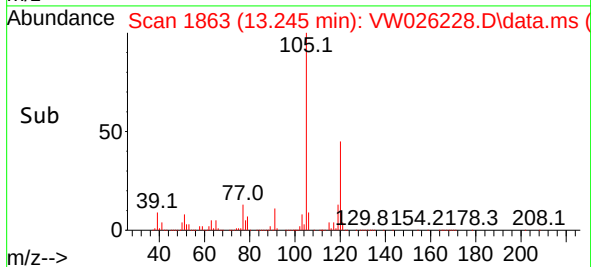
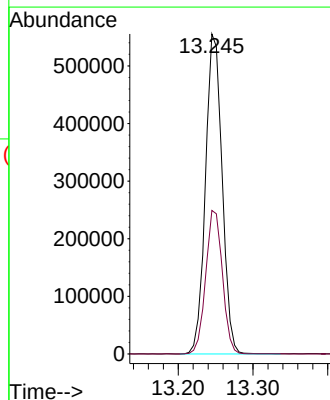
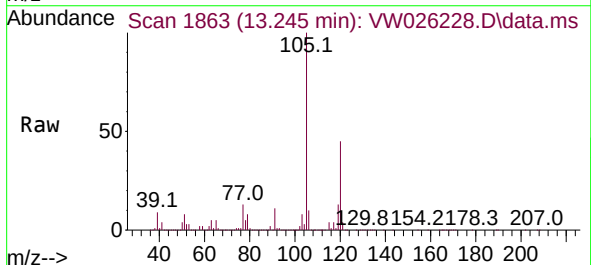
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MS

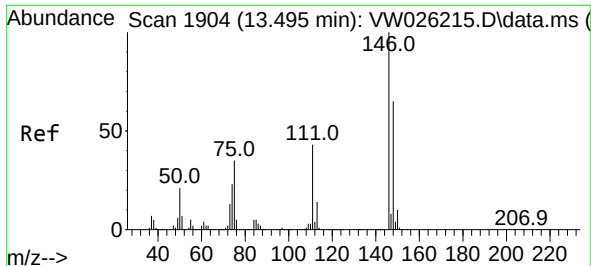
Tgt Ion:105 Resp: 960616
 Ion Ratio Lower Upper
 105 100
 120 46.4 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 20.526 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW026228.D
 Acq: 16 Jun 2023 15:17

Tgt Ion:105 Resp: 857765
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.2 54.2

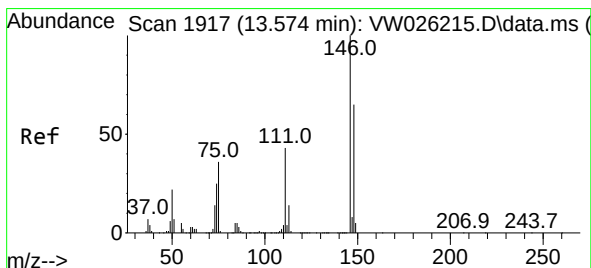
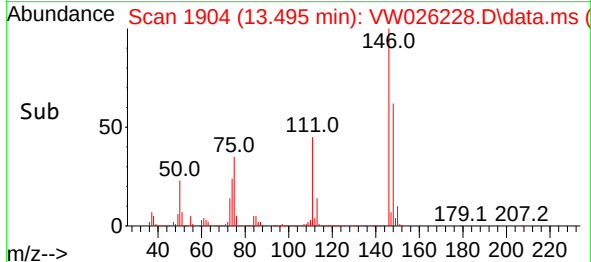
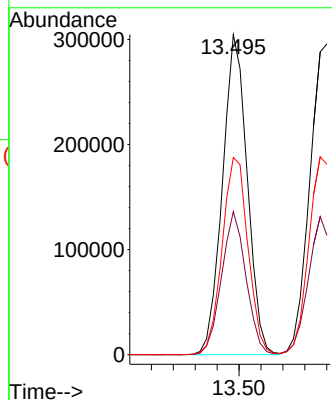
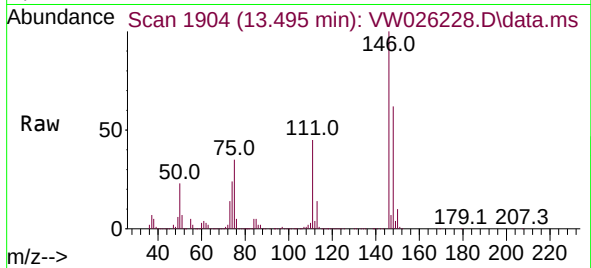




#64
1,3-Dichlorobenzene
Concen: 19.853 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

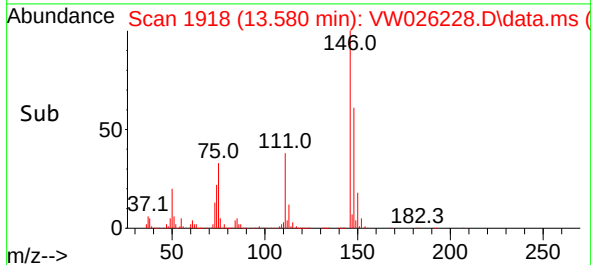
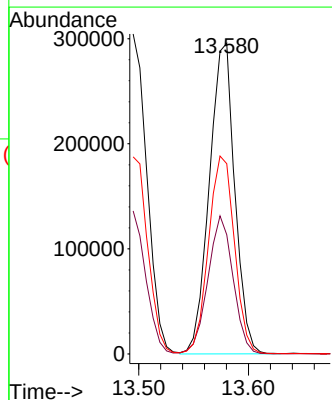
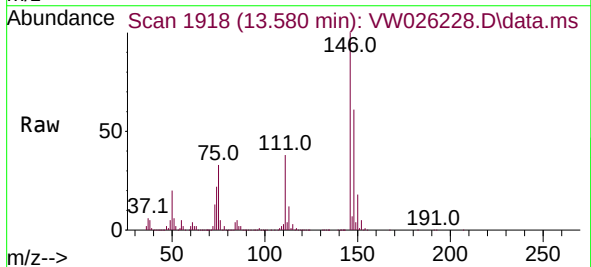
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

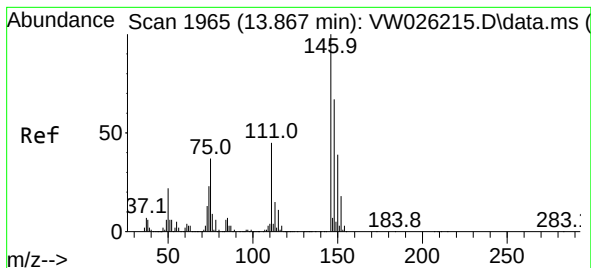
Tgt Ion:146 Resp: 479103
Ion Ratio Lower Upper
146 100
111 44.7 29.7 55.1
148 61.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 19.643 ug/L
RT: 13.580 min Scan# 1918
Delta R.T. 0.006 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion:146 Resp: 477234
Ion Ratio Lower Upper
146 100
111 38.4 29.2 54.2
148 61.2 42.8 79.6

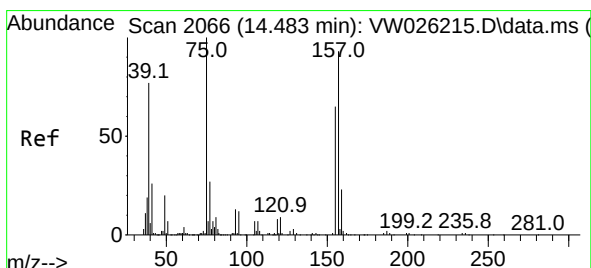
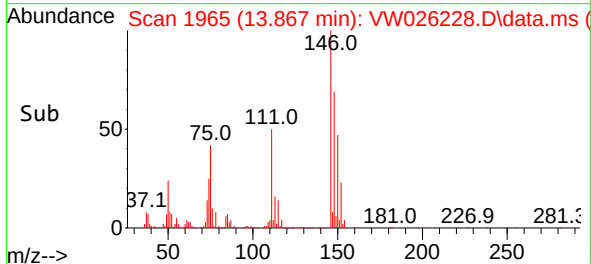
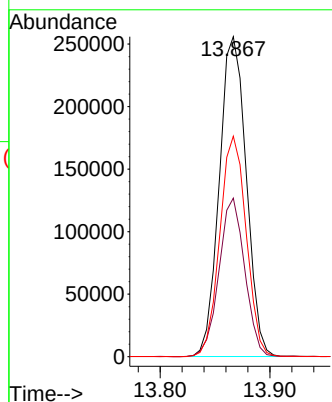
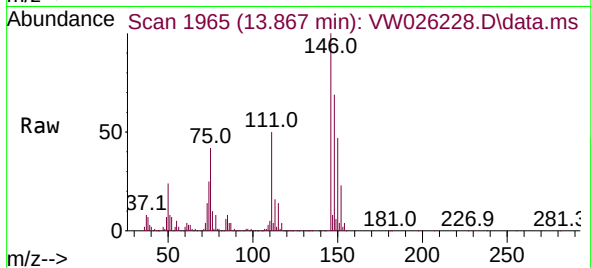




#67
1,2-Dichlorobenzene
Concen: 20.184 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

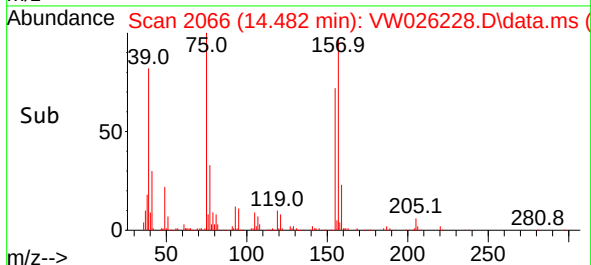
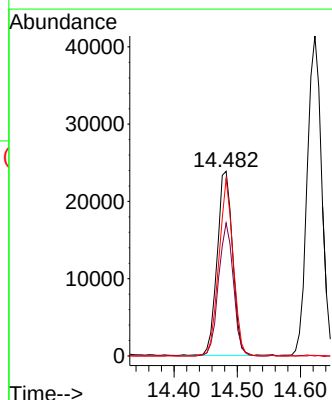
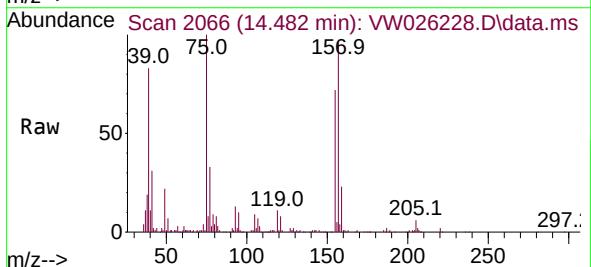
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

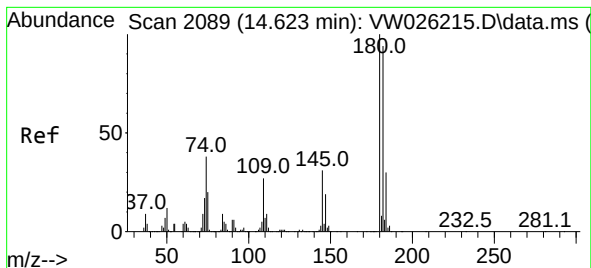
Tgt Ion:146 Resp: 437394
Ion Ratio Lower Upper
146 100
111 49.5 35.4 53.0
148 68.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.237 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW026228.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 75 Resp: 40268
Ion Ratio Lower Upper
75 100
155 72.1 59.0 88.6
157 96.1 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 19.169 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

Tgt Ion:180 Resp: 317768

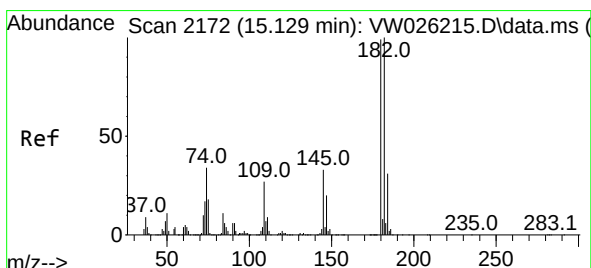
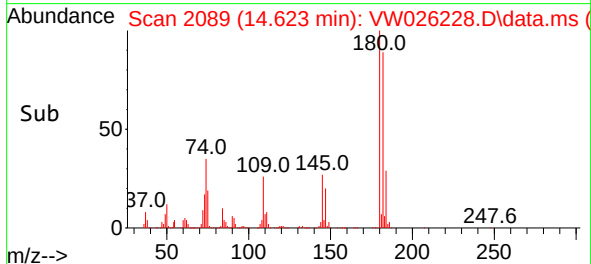
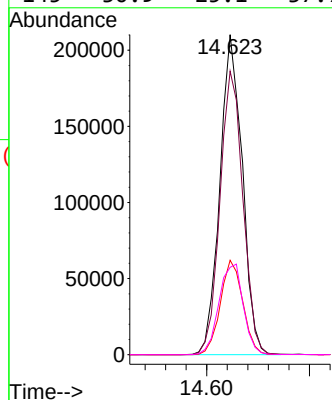
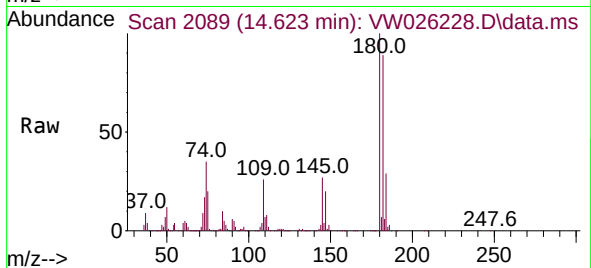
Ion Ratio Lower Upper

180 100

182 90.6 77.0 115.4

184 29.6 23.7 35.5

145 30.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 18.952 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

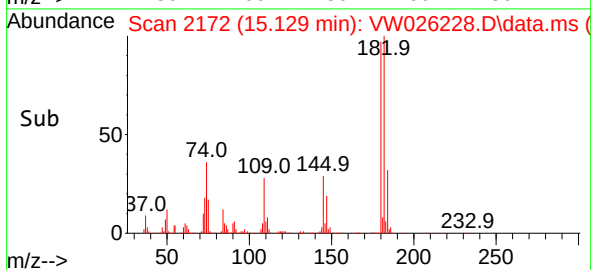
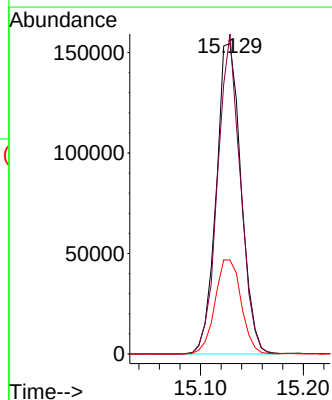
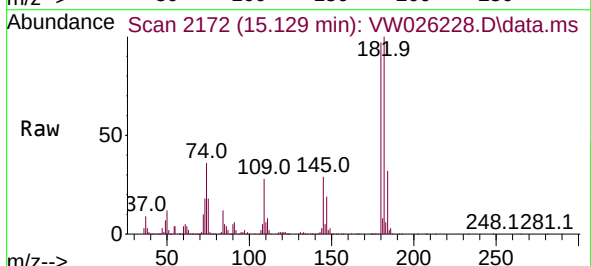
Tgt Ion:180 Resp: 259239

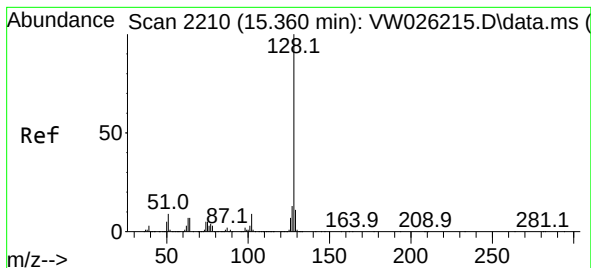
Ion Ratio Lower Upper

180 100

182 94.7 78.9 118.3

145 31.9 27.2 40.8





#71

Naphthalene

Concen: 21.645 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

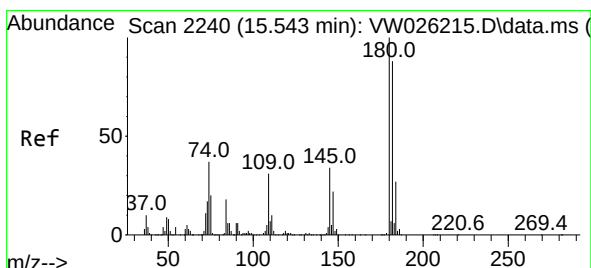
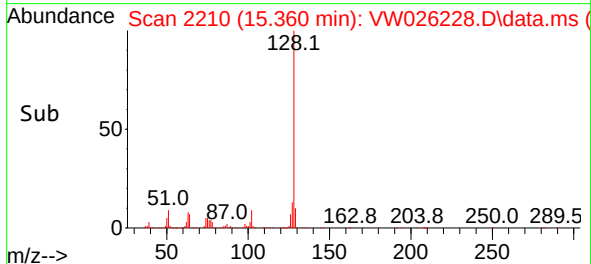
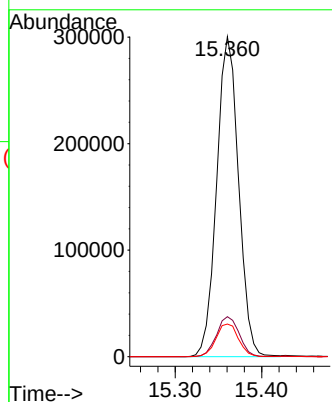
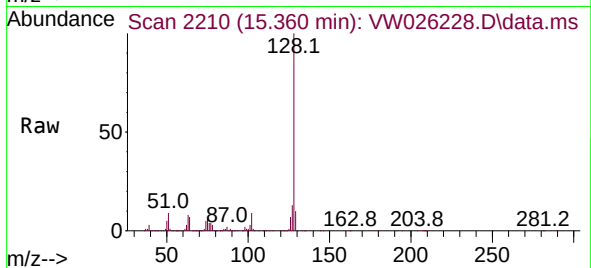
Tgt Ion:128 Resp: 527678

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 19.693 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW026228.D

Acq: 16 Jun 2023 15:17

Tgt Ion:180 Resp: 235423

Ion Ratio Lower Upper

180 100

182 94.2 76.3 114.5

145 33.4 27.0 40.6

