

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026154.D
 Acq On : 09 Jun 2023 00:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025512

Quant Time: Jun 09 01:41:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 01:33:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	757101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	681703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	323404	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	245085	23.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
7) Chloroethane-d5	2.899	69	211021	26.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.880%
11) 1,1-Dichloroethene-d2	4.027	65	124648	23.734	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.920%
21) 2-Butanone-d5	7.075	46	170439	54.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.940%
24) Chloroform-d	7.648	84	527962	23.813	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.240%
26) 1,2-Dichloroethane-d4	8.307	65	288905	23.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.320%
32) Benzene-d6	8.276	84	1044986	22.781	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	9.276	67	325290	22.384	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.520%
41) Toluene-d8	10.325	98	917460	22.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	10.575	79	122555	21.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.120%
47) 2-Hexanone-d5	10.922	63	118869	51.875	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	253333	23.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	281902	22.773	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	205490	22.141	ug/L	99
3) Chloromethane	2.223	50	284942	23.944	ug/L	97
5) Vinyl chloride	2.375	62	303497	23.859	ug/L	97
6) Bromomethane	2.789	94	167972	24.222	ug/L	99
8) Chloroethane	2.936	64	180260	26.223	ug/L	97
9) Trichlorofluoromethane	3.265	101	196344	23.992	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	237672	23.016	ug/L	100
12) 1,1-Dichloroethene	4.051	96	226399	23.487	ug/L	82
13) Acetone	4.119	43	105036	43.777	ug/L	97
14) Carbon disulfide	4.393	76	733254	21.548	ug/L	100
15) Methyl Acetate	4.667	43	130881	24.305	ug/L	99
16) Methylene chloride	4.917	84	257248	21.289	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	245244	22.676	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	409289	24.011	ug/L	98
19) 1,1-Dichloroethane	6.216	63	502051	22.802	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	263706	23.019	ug/L	97
22) 2-Butanone	7.173	43	168389	49.199	ug/L	99
23) Bromochloromethane	7.514	128	107190	21.940	ug/L	93
25) Chloroform	7.679	83	473317	23.080	ug/L	98

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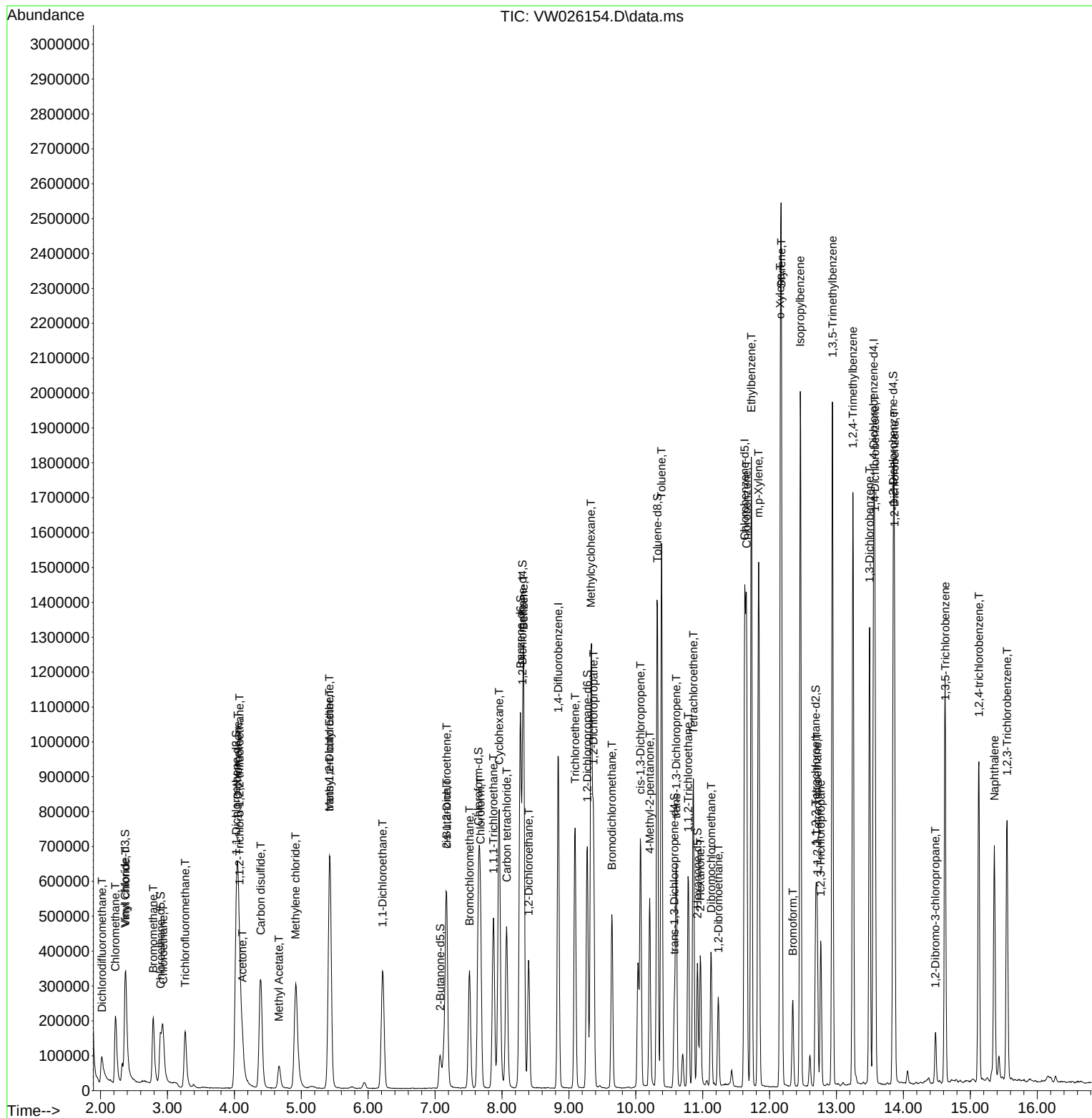
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	333623	23.588	ug/L	97
29) Cyclohexane	7.959	56	482065	22.905	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	384439	23.239	ug/L	99
31) Carbon tetrachloride	8.069	117	347198	22.999	ug/L	99
33) Benzene	8.325	78	1032951	22.119	ug/L	100
34) Trichloroethene	9.093	95	268561	22.459	ug/L	94
35) Methylcyclohexane	9.331	83	491969	23.251	ug/L	99
37) 1,2-Dichloropropane	9.368	63	281471	22.253	ug/L	100
38) Bromodichloromethane	9.642	83	330801	22.511	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	405340	21.807	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	373780	50.123	ug/L	99
42) Toluene	10.386	91	1083556	22.685	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	343245	22.166	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	187993	22.551	ug/L	98
46) Tetrachloroethene	10.861	164	180270	21.314	ug/L	95
48) 2-Hexanone	10.965	43	258428	49.149	ug/L	98
49) Dibromochloromethane	11.129	129	191696	21.933	ug/L	99
50) 1,2-Dibromoethane	11.233	107	171935	22.275	ug/L	100
51) Chlorobenzene	11.654	112	654823	21.878	ug/L	93
52) Ethylbenzene	11.727	91	1243160	23.072	ug/L	98
53) m,p-Xylene	11.837	106	453401	22.620	ug/L	99
54) o-Xylene	12.160	106	432009	22.835	ug/L	95
55) Styrene	12.178	104	731764	22.546	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	231389	22.936	ug/L	98
59) Bromoform	12.349	173	104422	21.497	ug/L	97
60) Isopropylbenzene	12.458	105	1200878	23.637	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	168463	23.255	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	988881	24.485	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	889463	24.046	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	482296	22.578	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	481491	22.388	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	436290	22.745	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	39090	23.290	ug/L	90
69) 1,3,5-Trichlorobenzene	14.629	180	310447	21.157	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	275425	22.747	ug/L	92
71) Naphthalene	15.360	128	535271	24.804	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	229616	21.699	ug/L	97

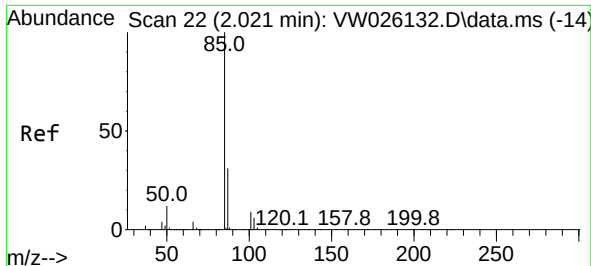
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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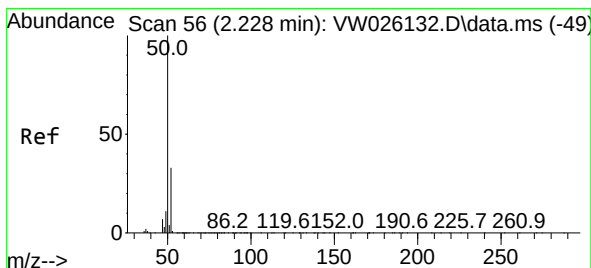
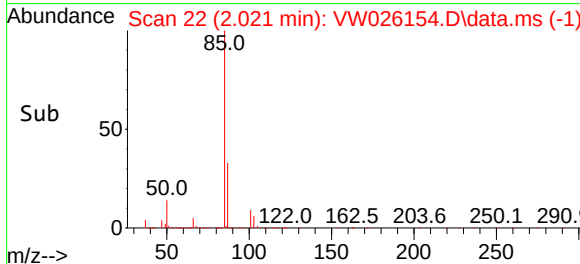
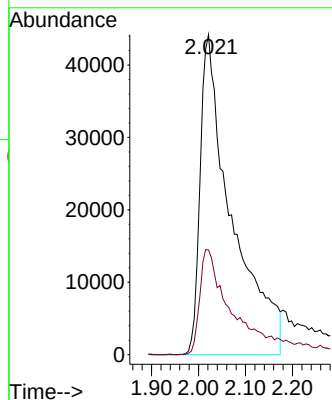
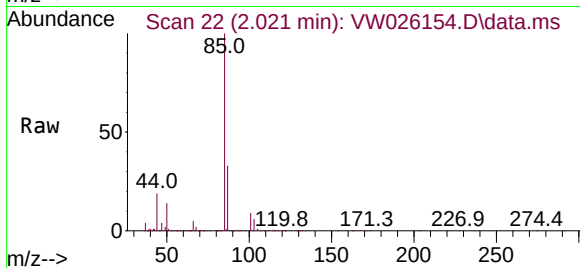




#2
 Dichlorodifluoromethane
 Concen: 22.141 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026154.D
 Acq: 09 Jun 2023 00:18

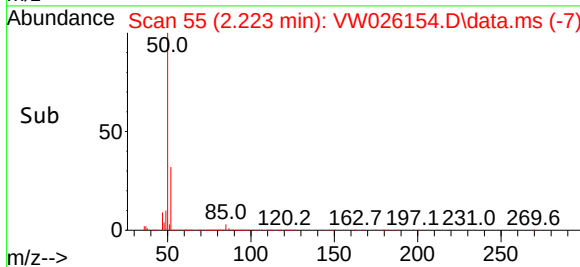
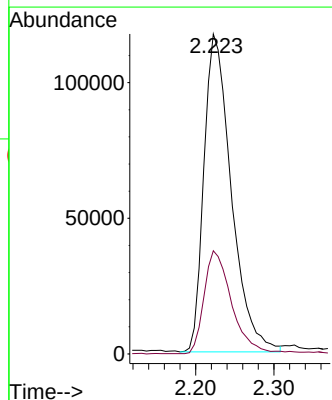
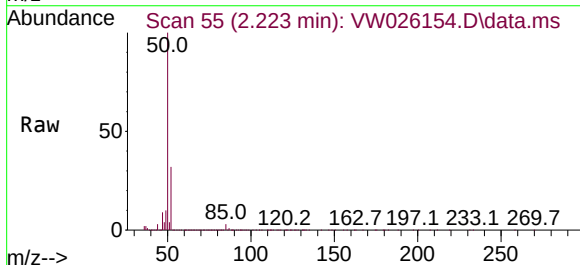
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 ClientSampleId :
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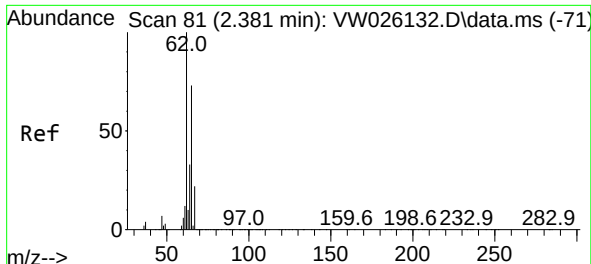
Tgt Ion: 85 Resp: 205490
 Ion Ratio Lower Upper
 85 100
 87 28.3 22.2 33.2



#3
 Chloromethane
 Concen: 23.944 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026154.D
 Acq: 09 Jun 2023 00:18

Tgt Ion: 50 Resp: 284942
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.3 39.6

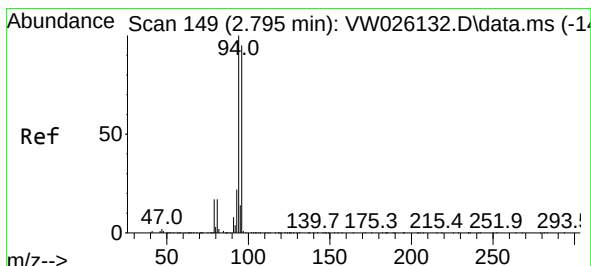
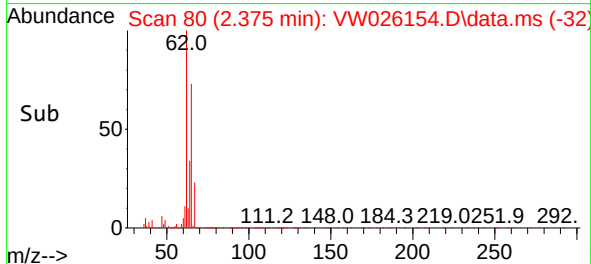
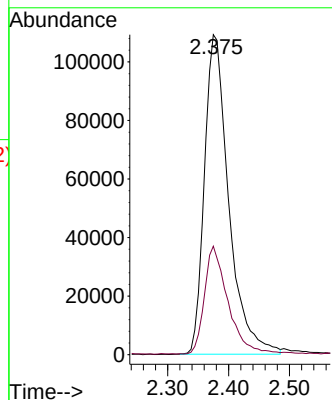
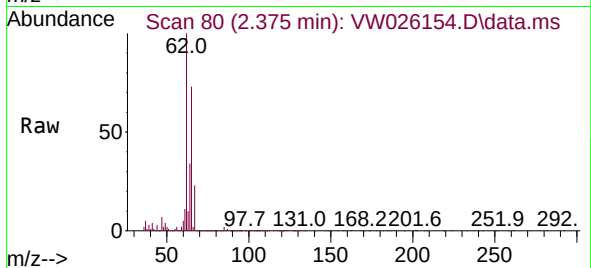




#5
 Vinyl chloride
 Concen: 23.859 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026154.D
 Acq: 09 Jun 2023 00:18

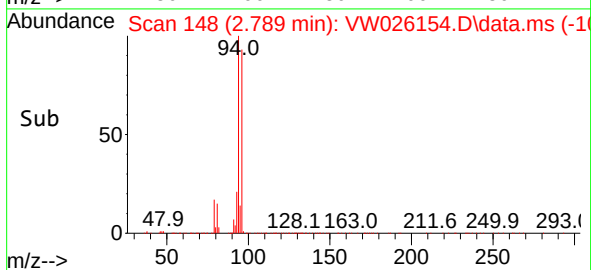
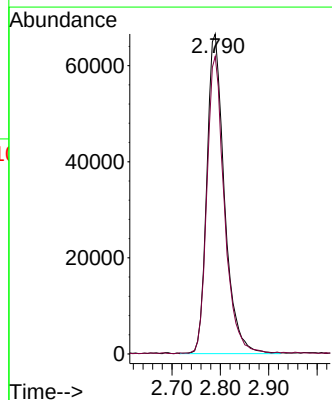
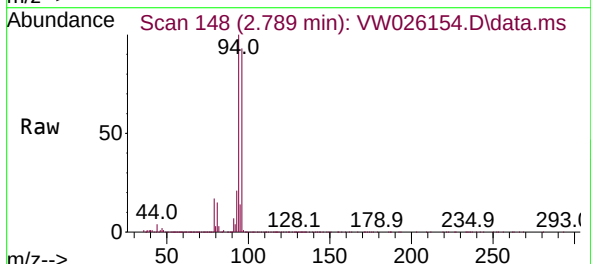
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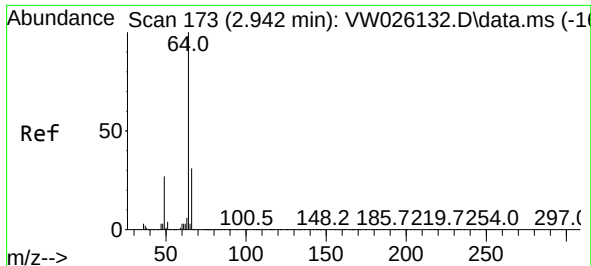
Tgt Ion: 62 Resp: 303497
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.7 42.1



#6
 Bromomethane
 Concen: 24.222 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW026154.D
 Acq: 09 Jun 2023 00:18

Tgt Ion: 94 Resp: 167972
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.2 119.2

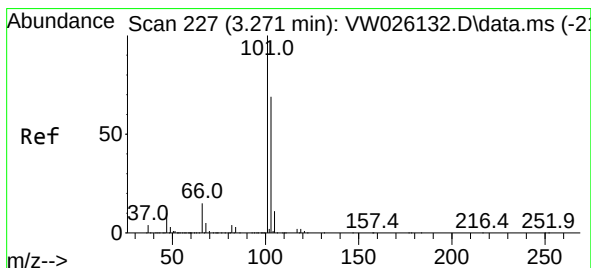
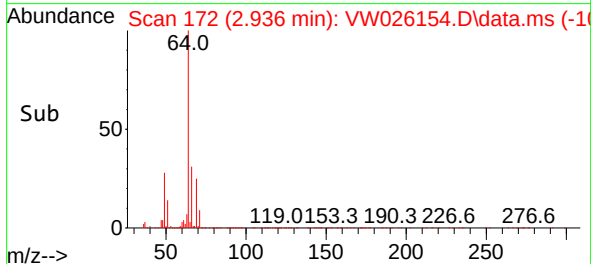
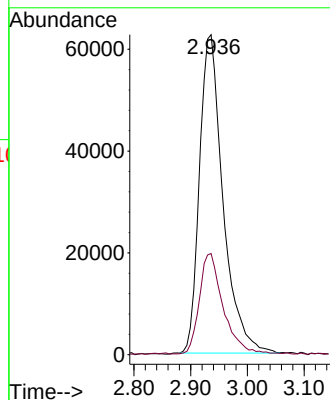
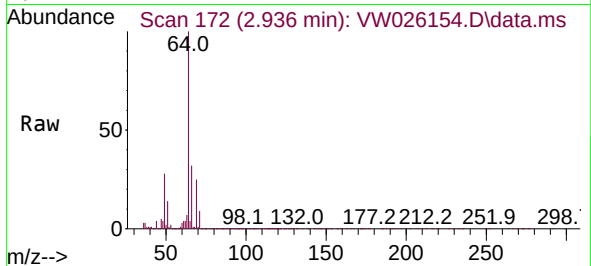




#8
Chloroethane
Concen: 26.223 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

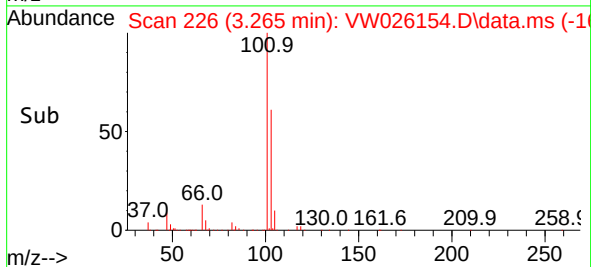
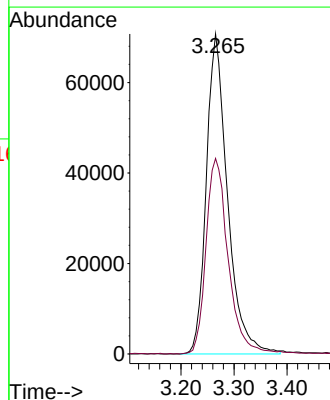
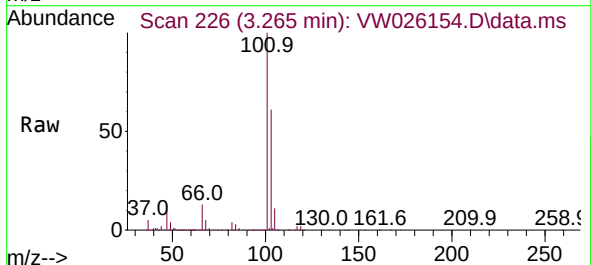
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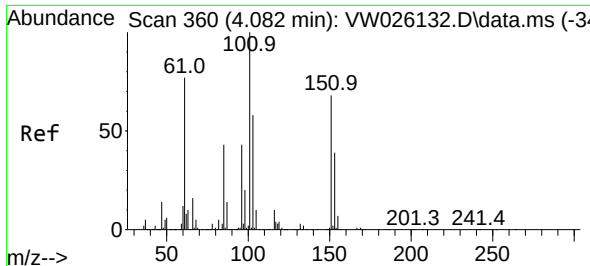
Tgt Ion: 64 Resp: 180260
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 23.992 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 101 Resp: 196344
Ion Ratio Lower Upper
101 100
103 63.7 51.6 77.4

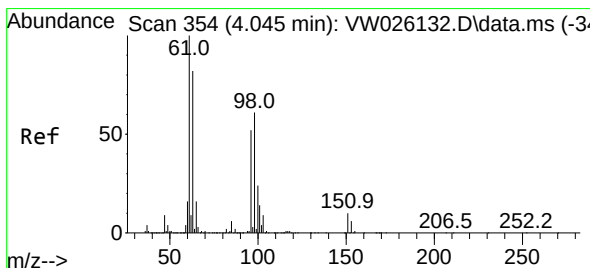
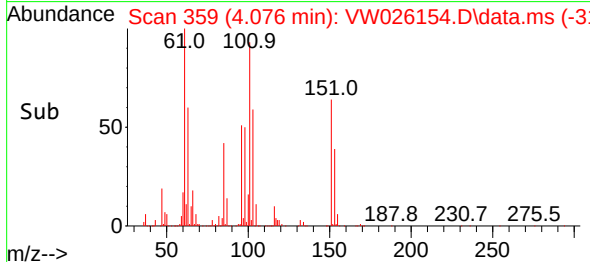
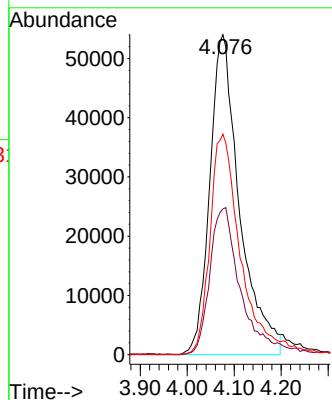
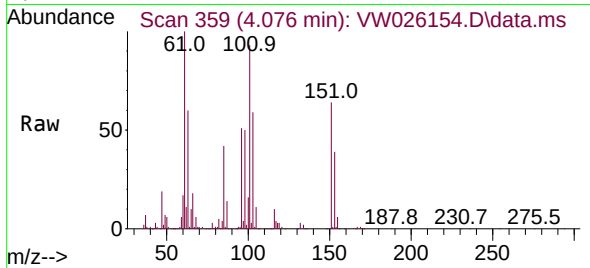




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.016 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW026154.D
 Acq: 09 Jun 2023 00:18

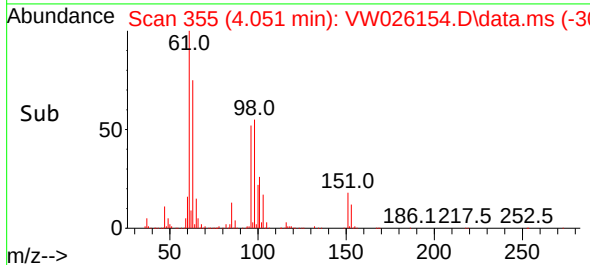
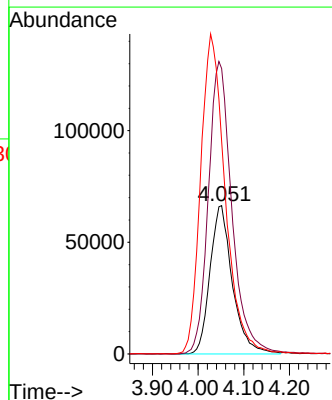
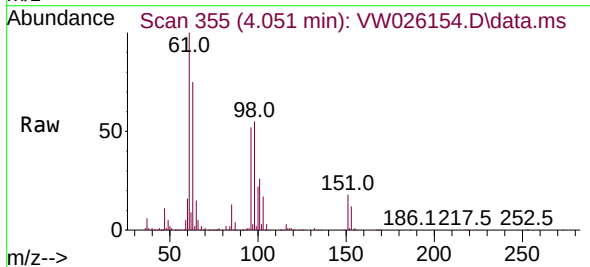
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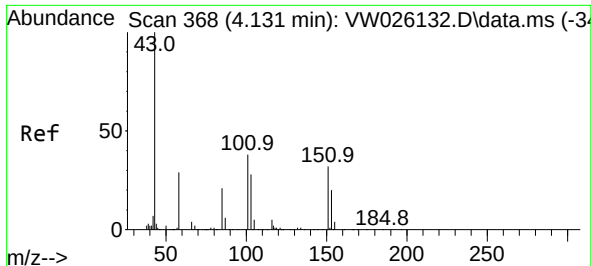
Tgt Ion:101 Resp: 237672
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.1 54.1
 151 69.1 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 23.487 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026154.D
 Acq: 09 Jun 2023 00:18

Tgt Ion: 96 Resp: 226399
 Ion Ratio Lower Upper
 96 100
 61 192.4 140.6 261.0
 63 143.5 131.7 244.5

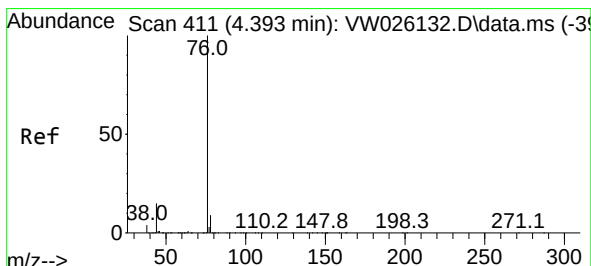
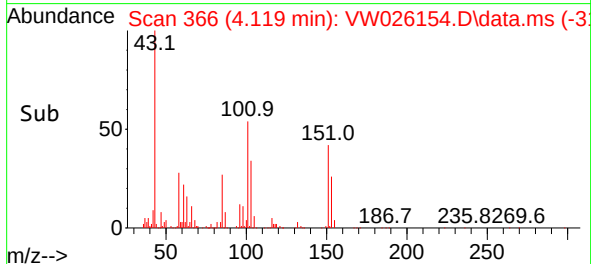
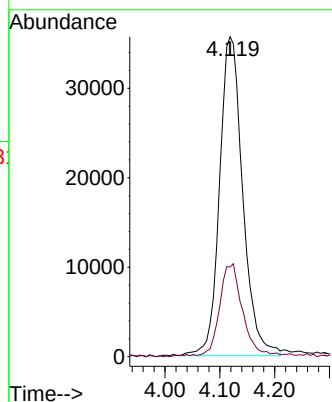
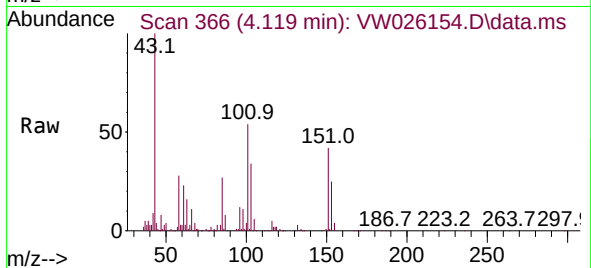




#13
Acetone
Concen: 43.777 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW026154.D
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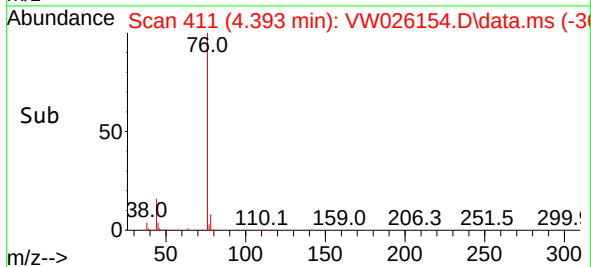
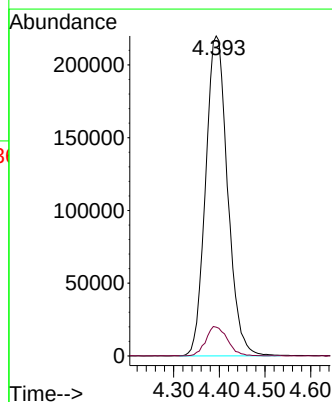
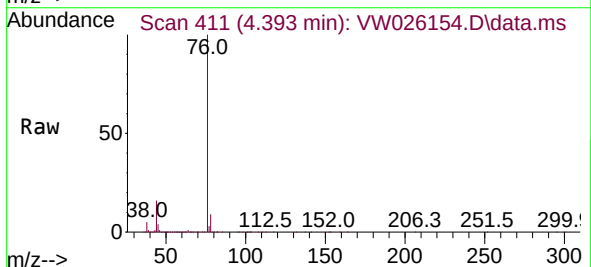
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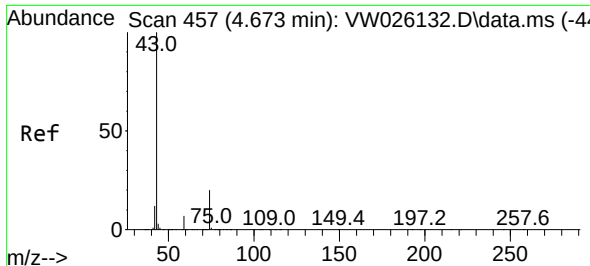
Tgt Ion: 43 Resp: 105036
Ion Ratio Lower Upper
43 100
58 27.6 0.0 58.2



#14
Carbon disulfide
Concen: 21.548 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 733254
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

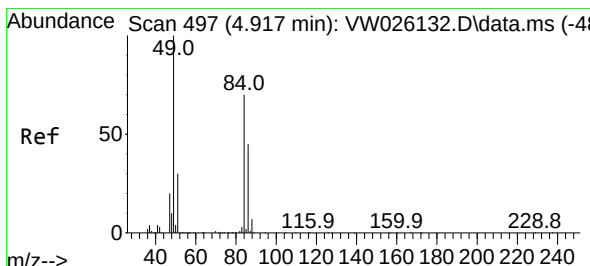
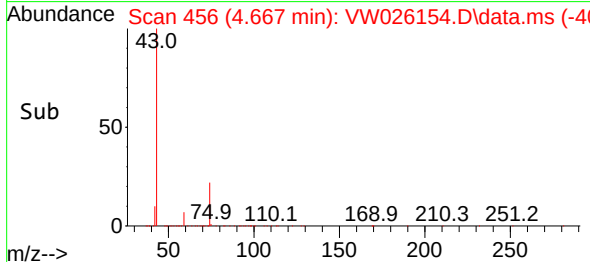
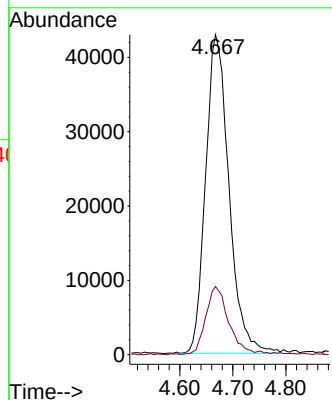
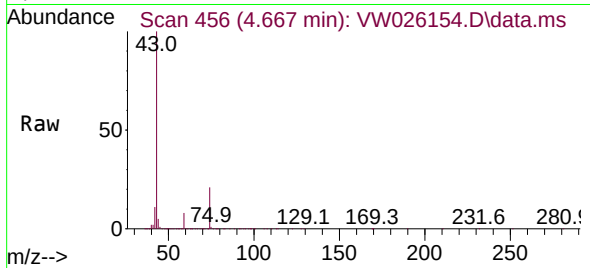




#15
Methyl Acetate
Concen: 24.305 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

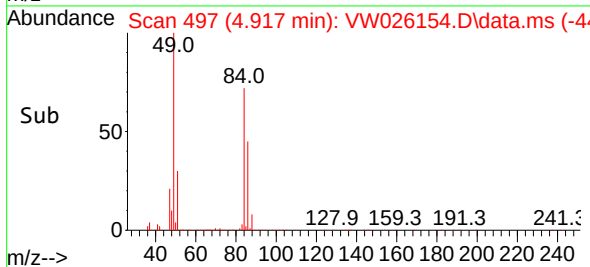
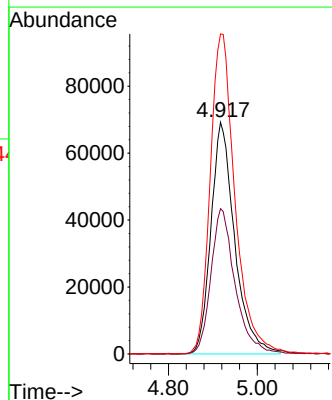
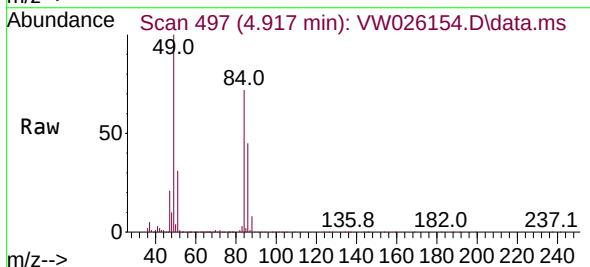
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

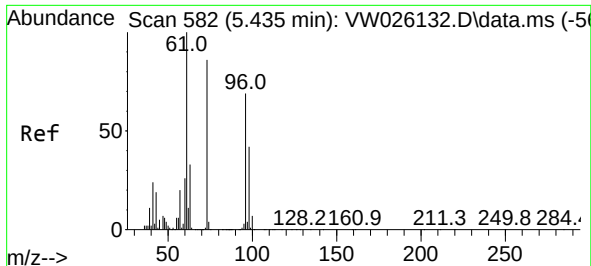
Tgt Ion: 43 Resp: 130881
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0



#16
Methylene chloride
Concen: 21.289 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 84 Resp: 257248
Ion Ratio Lower Upper
84 100
86 62.7 44.2 82.0
49 138.1 98.8 183.6

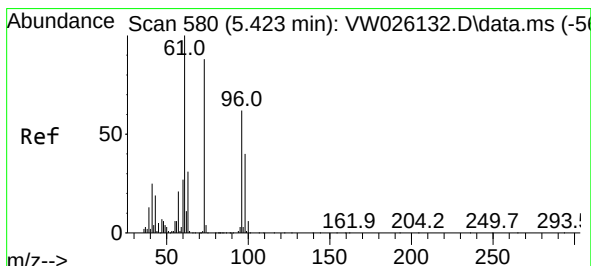
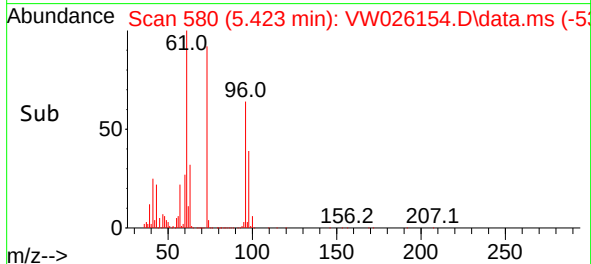
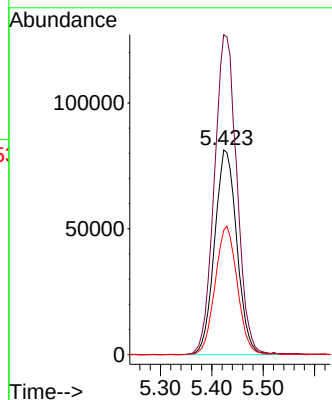
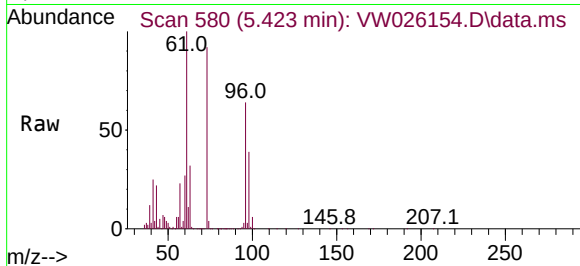




#17
trans-1,2-Dichloroethene
Concen: 22.676 ug/L
RT: 5.423 min Scan# 582
Delta R.T. -0.012 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

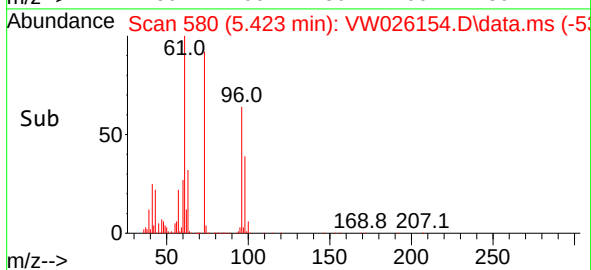
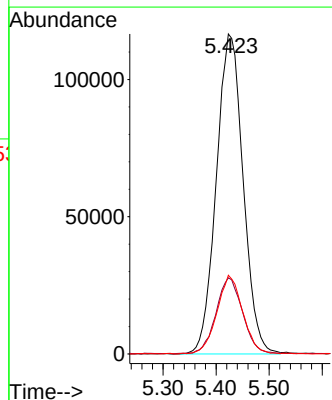
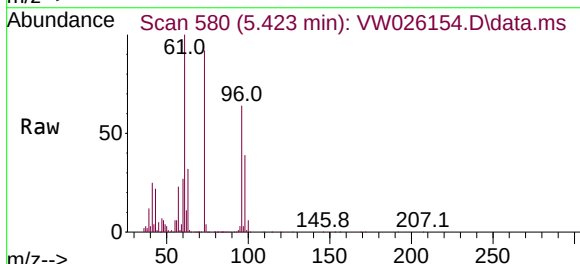
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

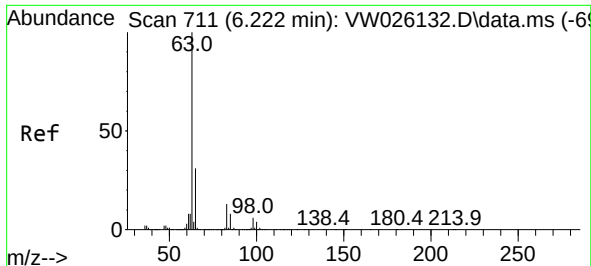
Tgt Ion: 96 Resp: 245244
Ion Ratio Lower Upper
96 100
61 156.4 113.0 209.8
98 60.8 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.011 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 73 Resp: 409289
Ion Ratio Lower Upper
73 100
43 23.8 17.8 26.6
57 23.3 18.9 28.3





#19

1,1-Dichloroethane

Concen: 22.802 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

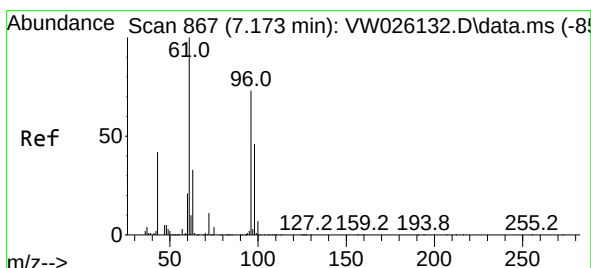
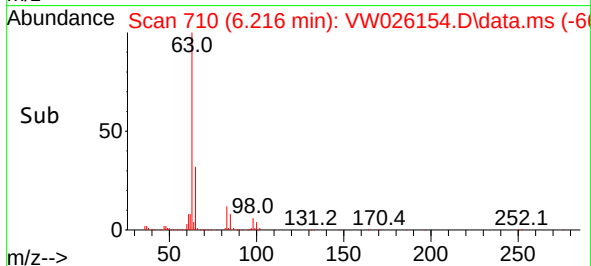
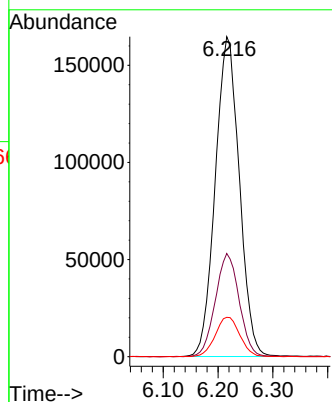
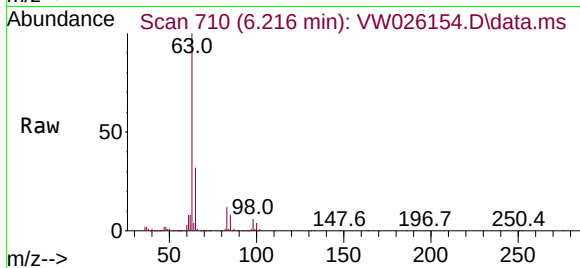
Tgt Ion: 63 Resp: 502051

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.5

83 12.3 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 23.019 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

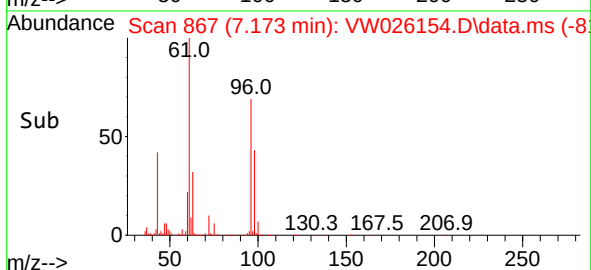
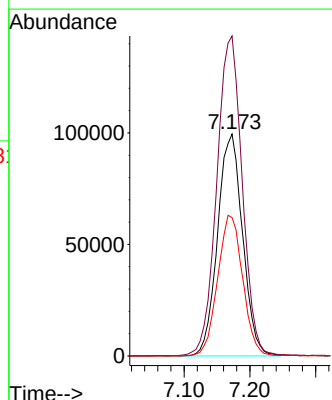
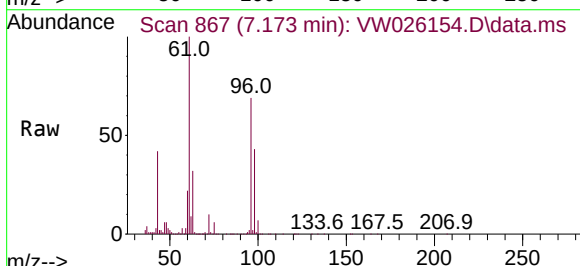
Tgt Ion: 96 Resp: 263706

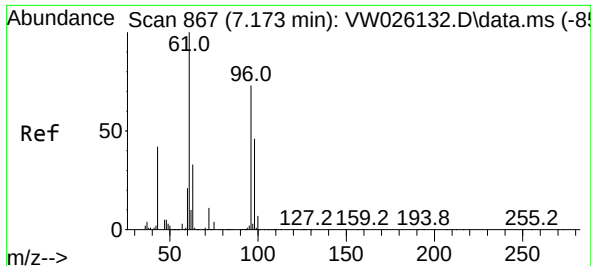
Ion Ratio Lower Upper

96 100

61 144.1 98.4 182.8

98 62.3 45.2 84.0

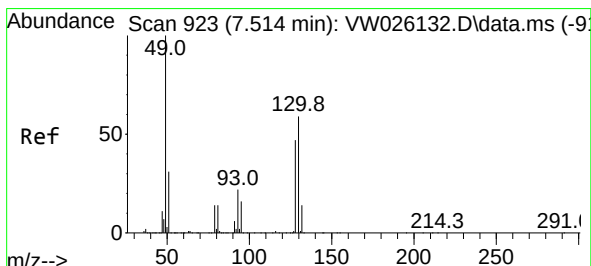
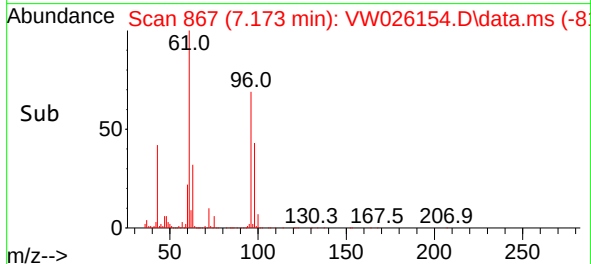
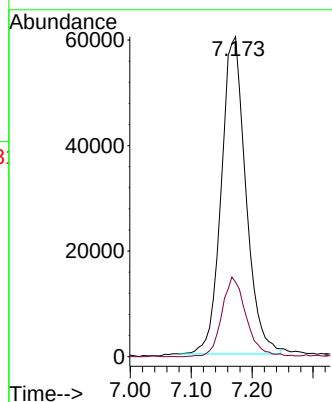
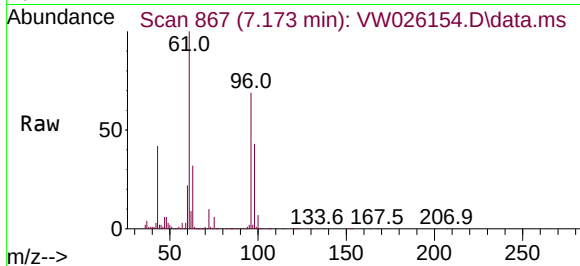




#22
2-Butanone
Concen: 49.199 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

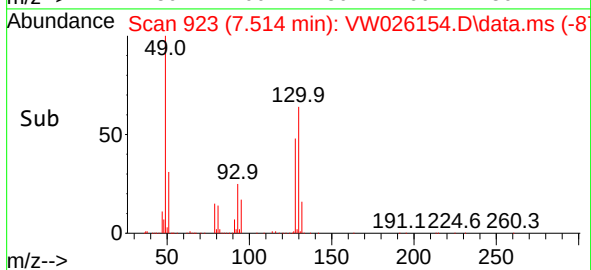
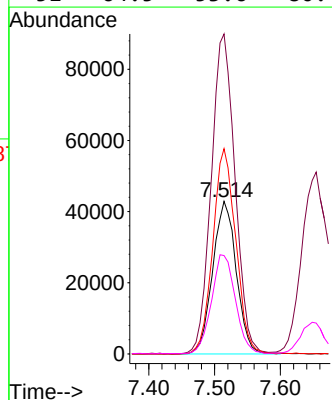
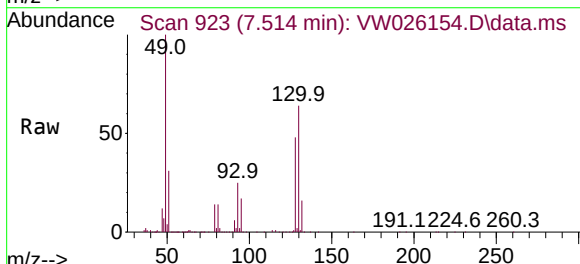
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

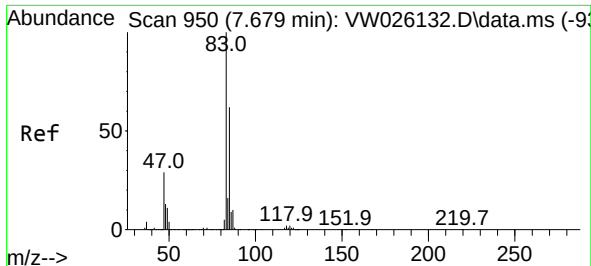
Tgt Ion: 43 Resp: 168389
Ion Ratio Lower Upper
43 100
72 24.3 12.4 37.4



#23
Bromochloromethane
Concen: 21.940 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 128 Resp: 107190
Ion Ratio Lower Upper
128 100
49 209.7 140.6 261.0
130 134.5 86.0 159.6
51 64.5 53.6 80.4

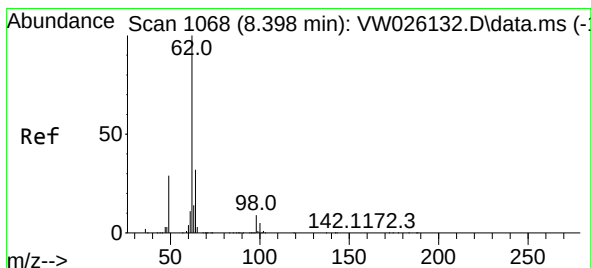
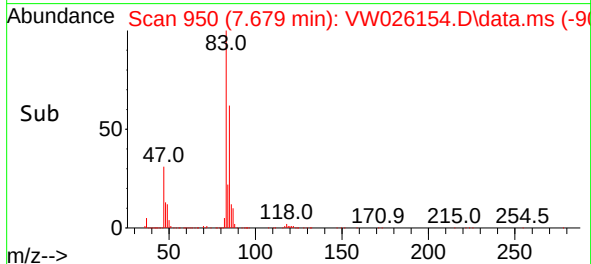
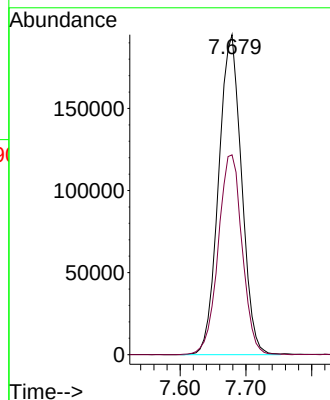
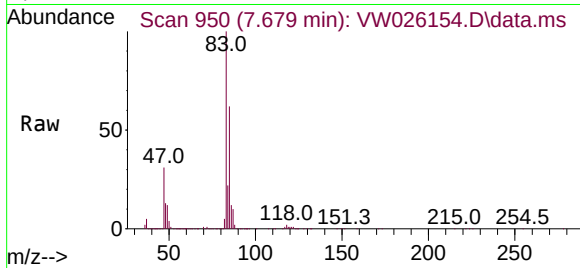




#25
Chloroform
Concen: 23.080 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

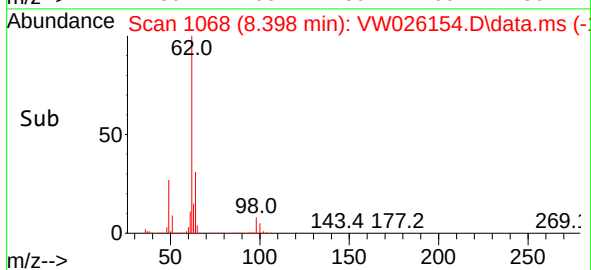
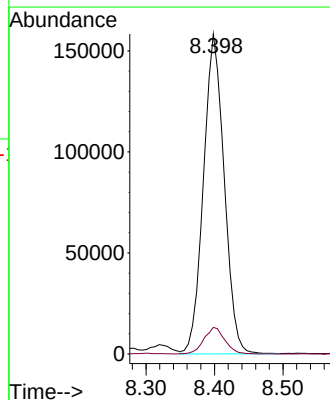
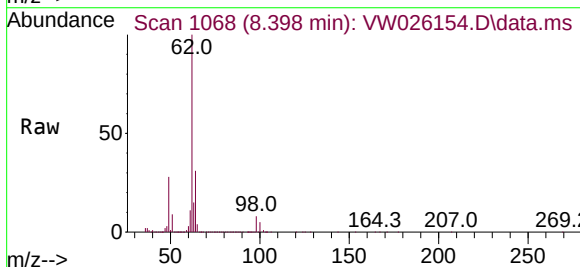
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

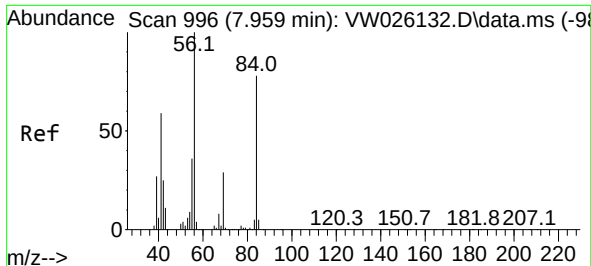
Tgt Ion: 83 Resp: 473317
Ion Ratio Lower Upper
83 100
85 62.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.588 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 62 Resp: 333623
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.2





#29

Cyclohexane

Concen: 22.905 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

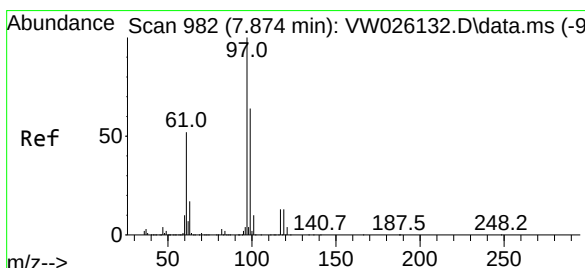
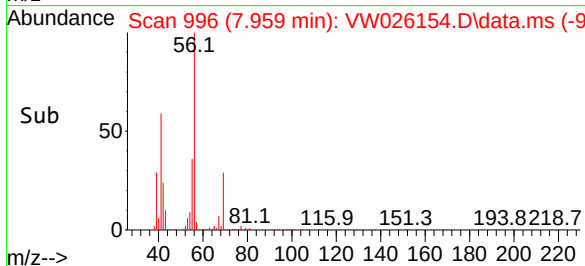
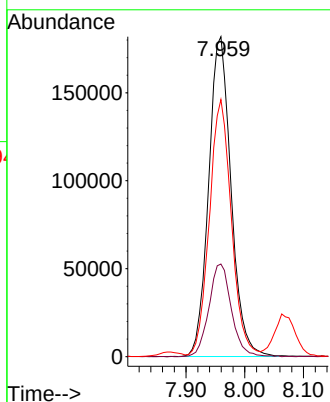
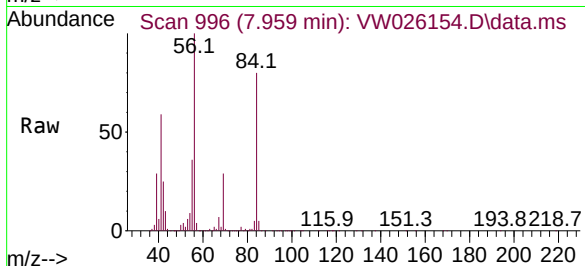
Tgt Ion: 56 Resp: 482065

Ion Ratio Lower Upper

56 100

69 29.0 23.3 34.9

84 79.3 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 23.239 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

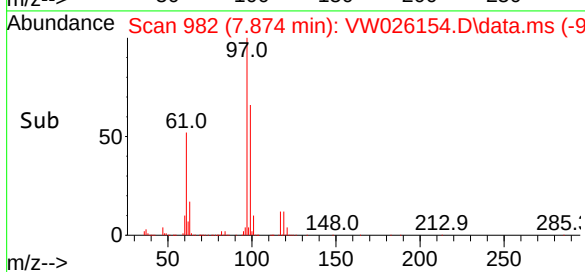
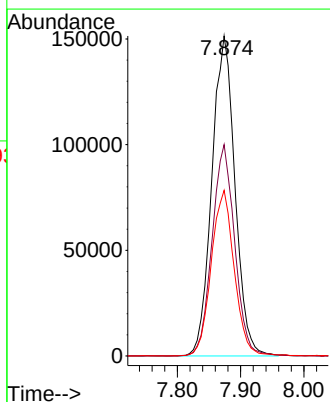
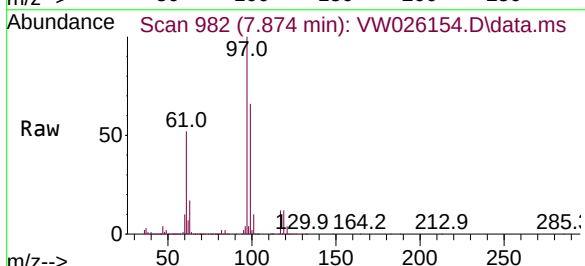
Tgt Ion: 97 Resp: 384439

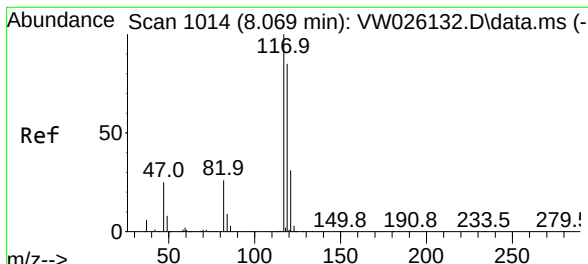
Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

61 51.4 40.5 60.7

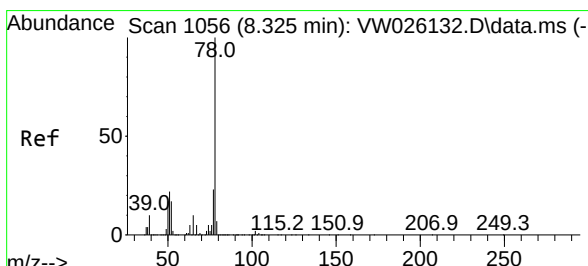
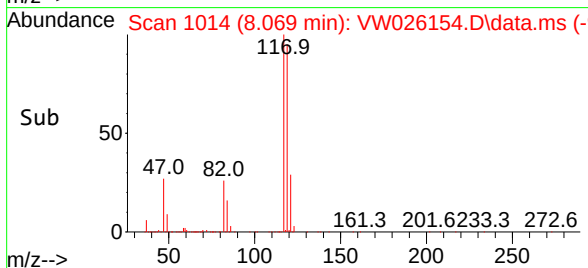
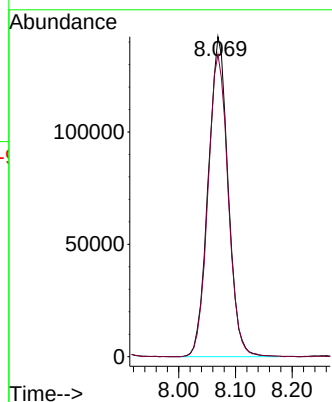
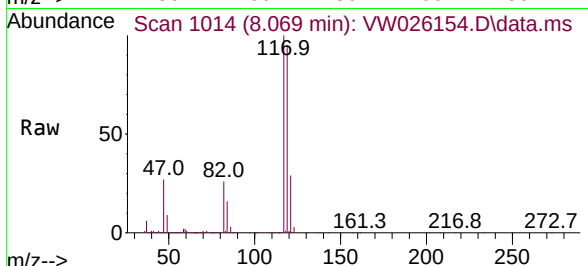




#31
Carbon tetrachloride
Concen: 22.999 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

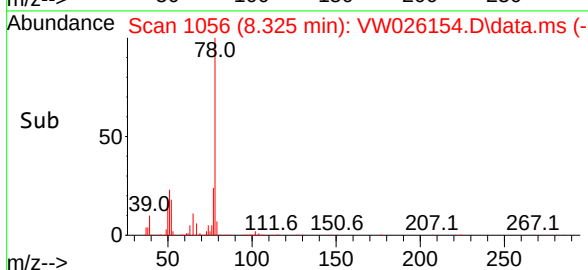
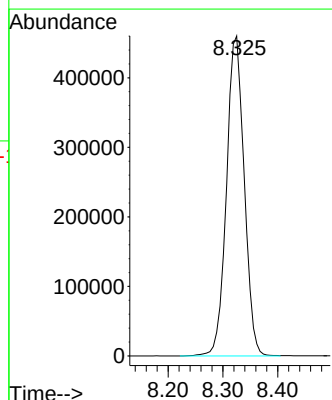
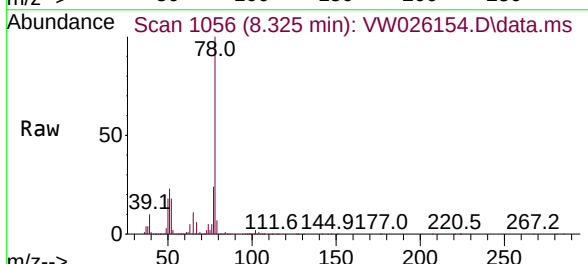
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

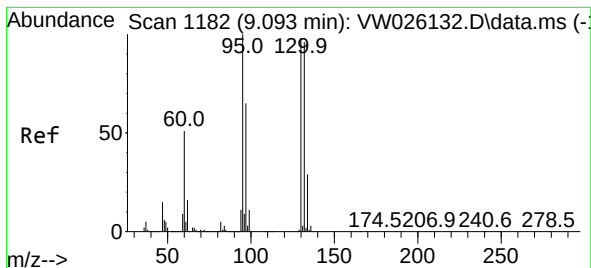
Tgt Ion:117 Resp: 347198
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#33
Benzene
Concen: 22.119 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 78 Resp: 1032951





#34

Trichloroethene

Concen: 22.459 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

Tgt Ion: 95 Resp: 268561

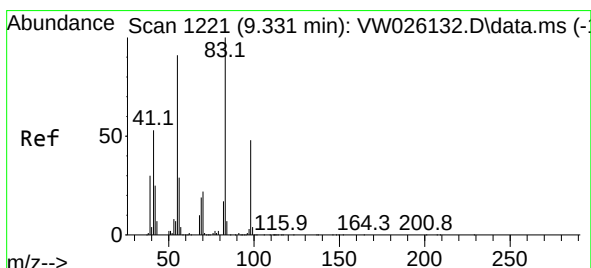
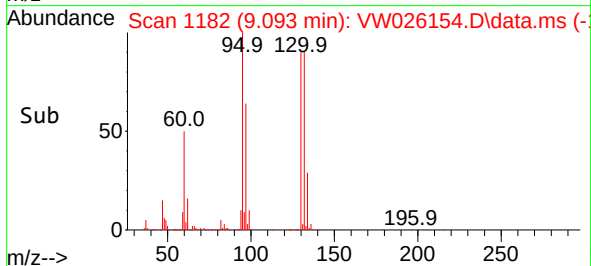
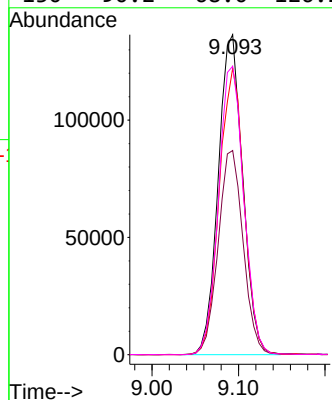
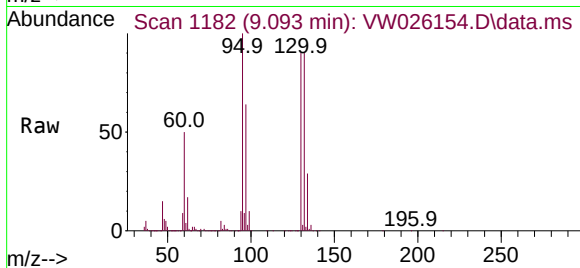
Ion Ratio Lower Upper

95 100

97 63.8 45.9 85.3

132 89.6 67.1 124.7

130 90.2 68.0 126.2



#35

Methylcyclohexane

Concen: 23.251 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

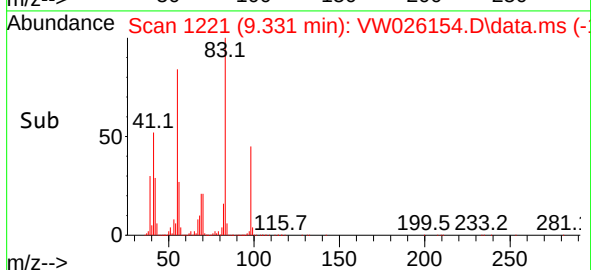
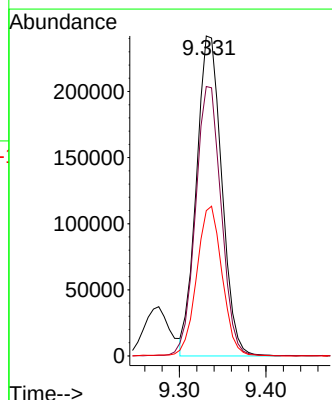
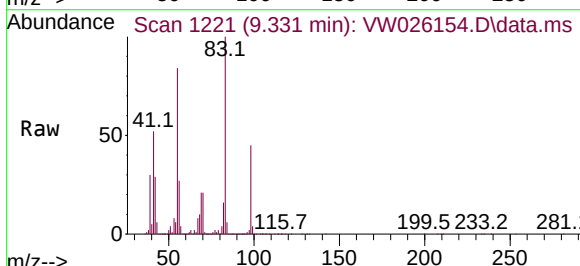
Tgt Ion: 83 Resp: 491969

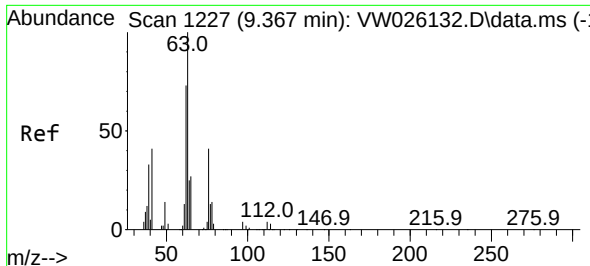
Ion Ratio Lower Upper

83 100

55 85.0 68.2 102.4

98 46.8 38.1 57.1





#37

1,2-Dichloropropane

Concen: 22.253 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

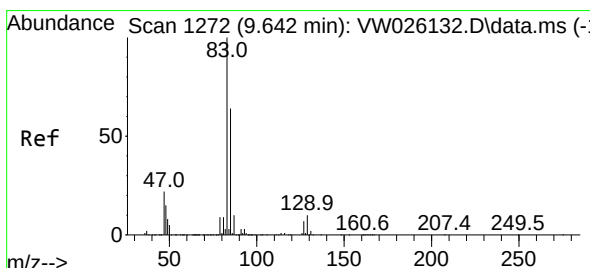
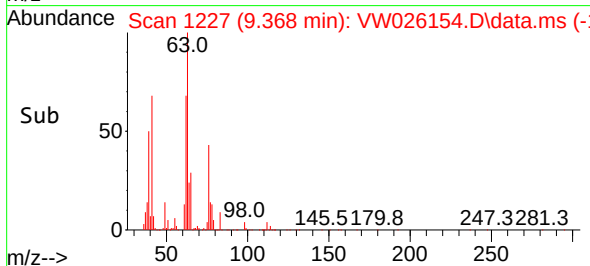
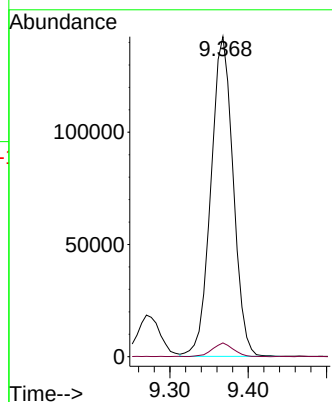
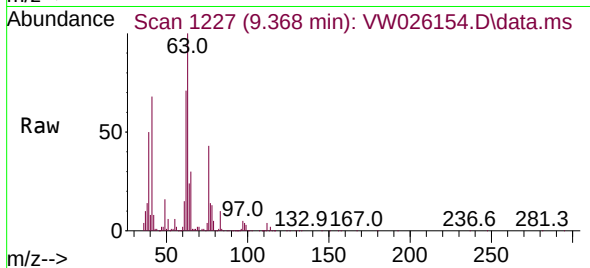
VSTD025512

Tgt Ion: 63 Resp: 281471

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 22.511 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

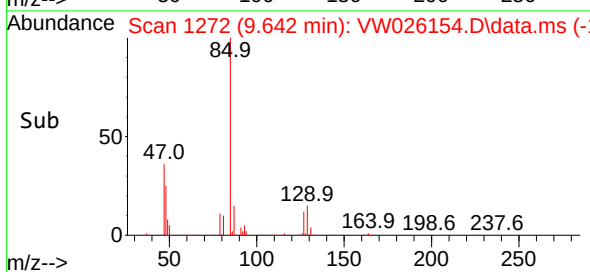
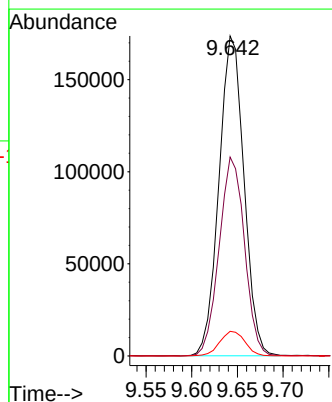
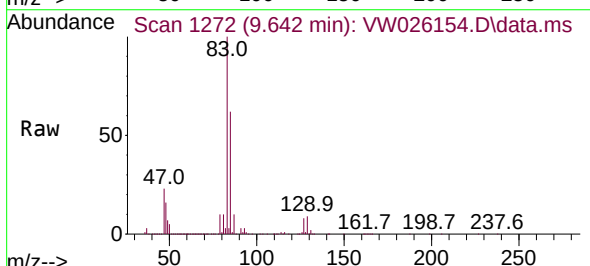
Tgt Ion: 83 Resp: 330801

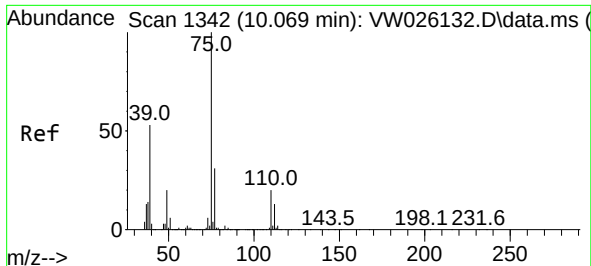
Ion Ratio Lower Upper

83 100

85 62.1 44.2 82.0

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.807 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

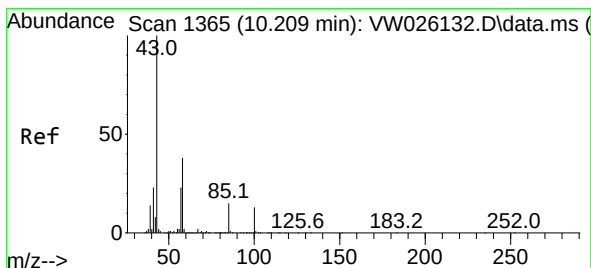
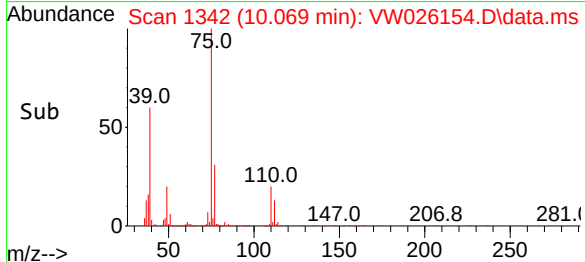
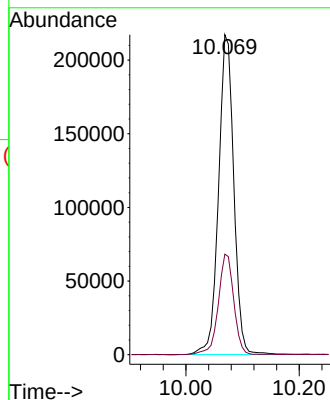
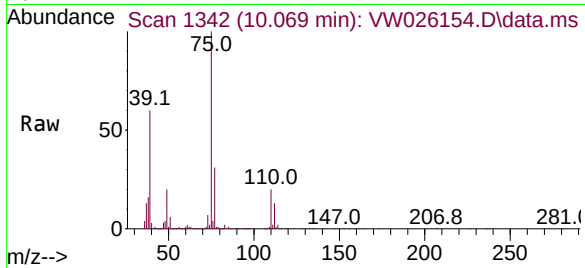
VSTD025512

Tgt Ion: 75 Resp: 405340

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 50.123 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

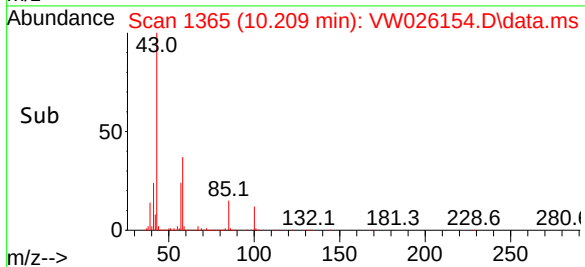
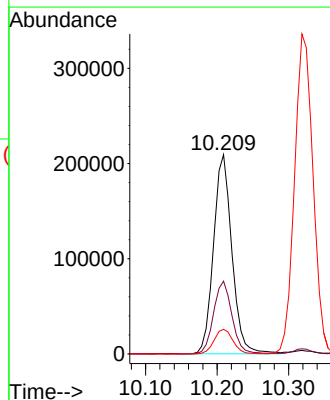
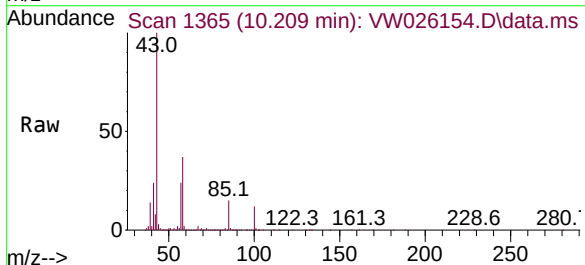
Tgt Ion: 43 Resp: 373780

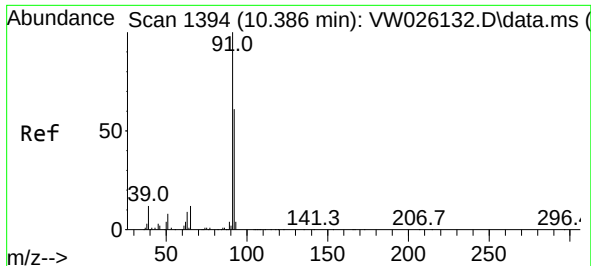
Ion Ratio Lower Upper

43 100

58 36.6 29.0 43.4

100 12.8 10.5 15.7

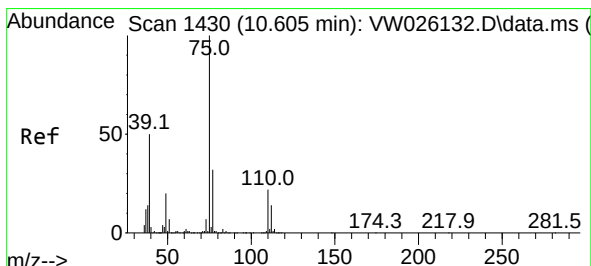
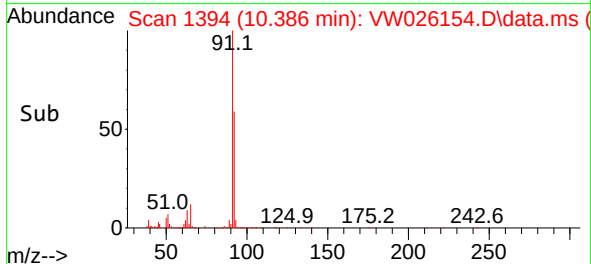
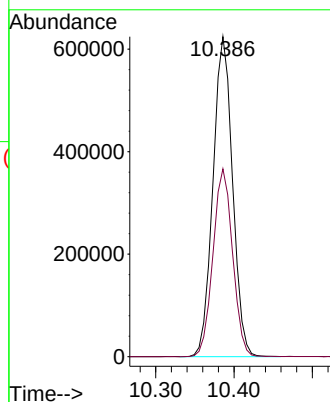
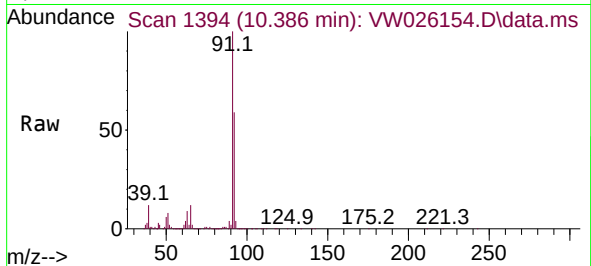




#42
Toluene
Concen: 22.685 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

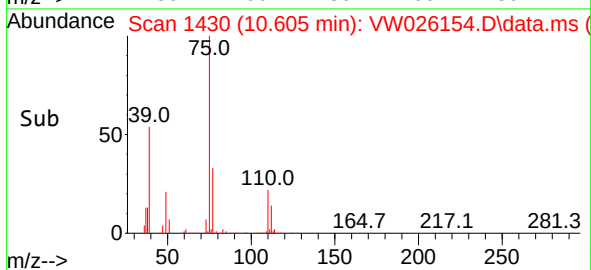
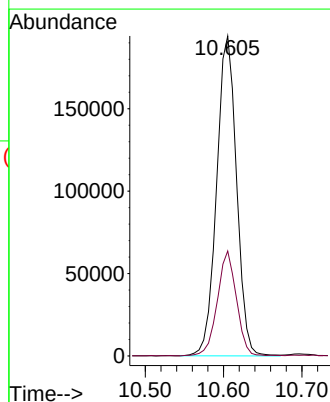
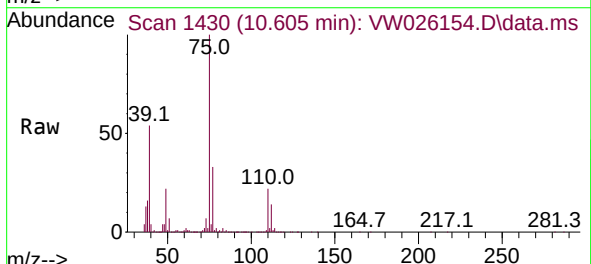
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

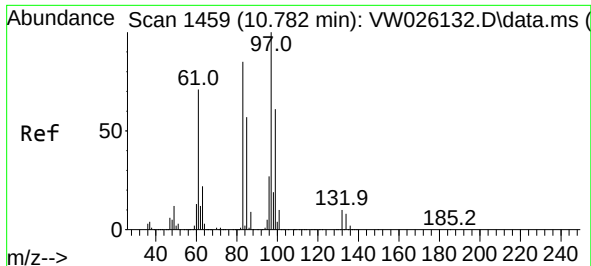
Tgt Ion: 91 Resp: 1083556
Ion Ratio Lower Upper
91 100
92 58.7 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.166 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 75 Resp: 343245
Ion Ratio Lower Upper
75 100
77 32.8 21.1 39.3

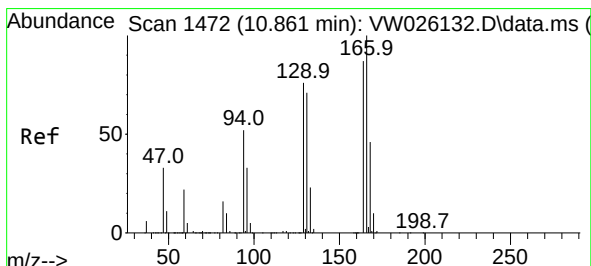
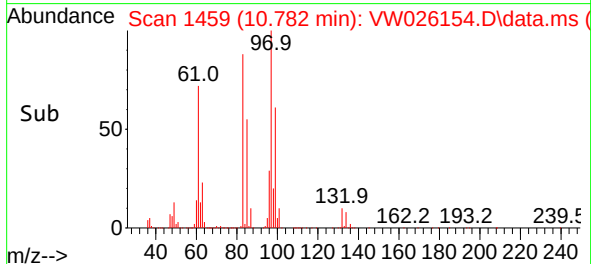
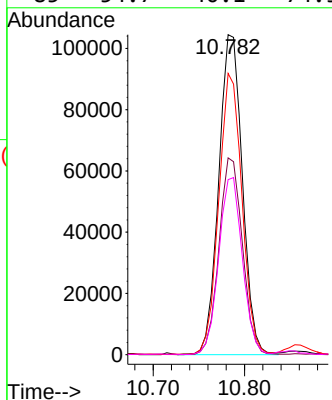
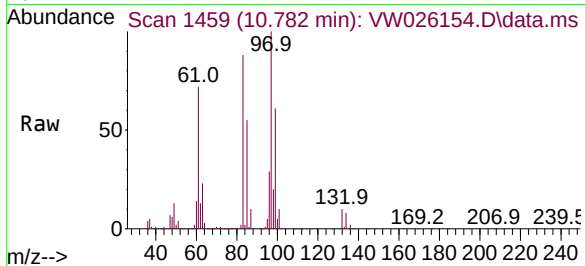




#45
1,1,2-Trichloroethane
Concen: 22.551 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

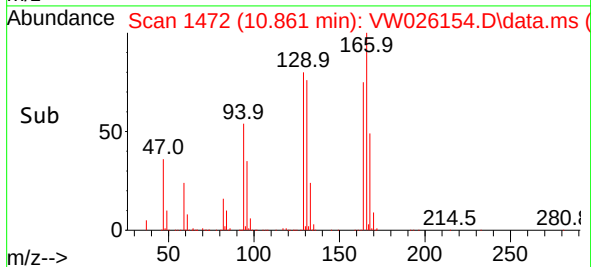
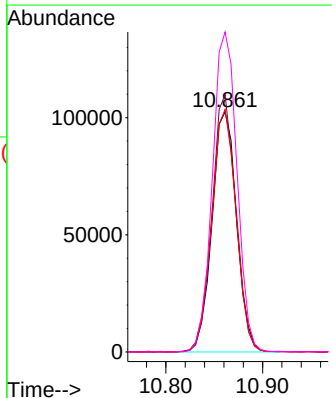
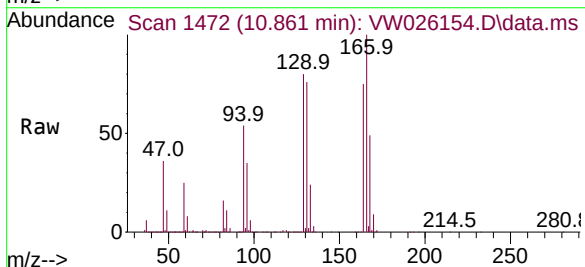
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

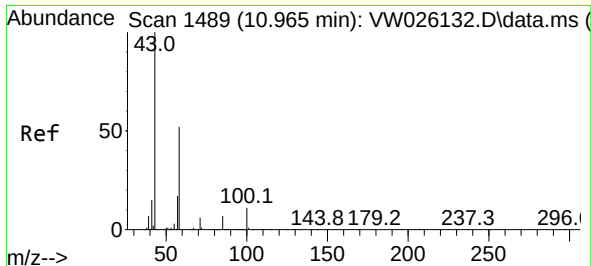
Tgt Ion: 97	Resp: 187993
Ion Ratio	Lower Upper
97 100	
99 61.5	43.3 80.5
83 87.9	62.9 116.9
85 54.7	40.1 74.5



#46
Tetrachloroethene
Concen: 21.314 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt	Ion:164	Resp:	180270
Ion	Ratio	Lower	Upper
164	100		
129	107.1	68.5	127.1
131	101.0	67.1	124.7
166	133.2	94.1	174.8

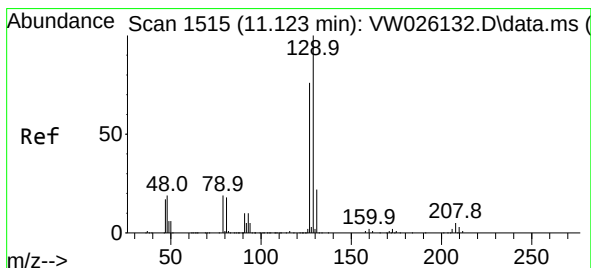
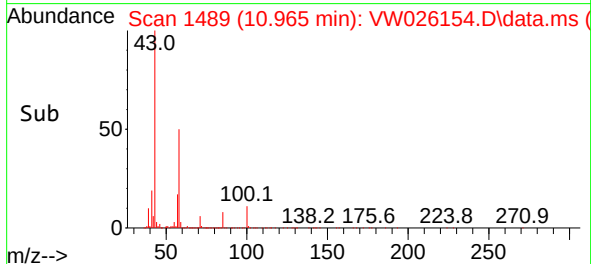
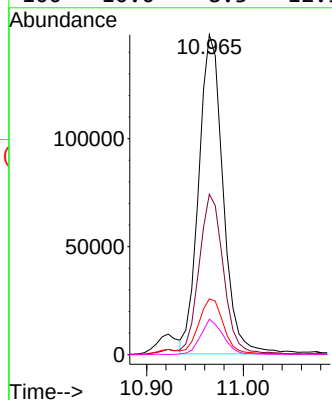
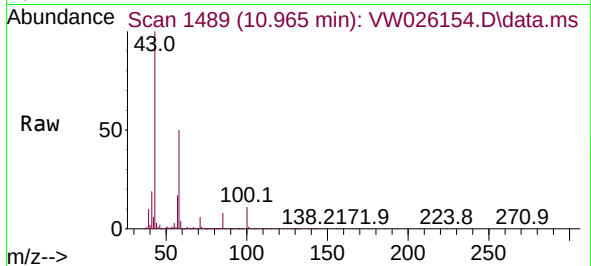




#48
2-Hexanone
Concen: 49.149 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

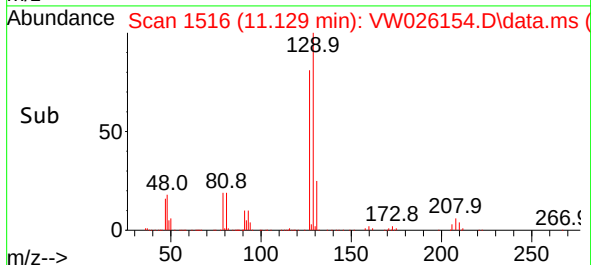
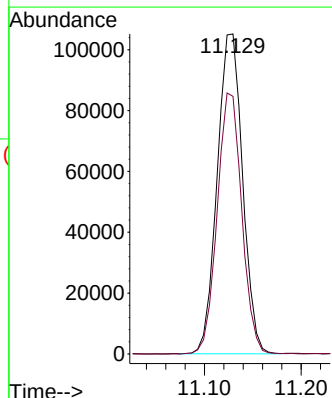
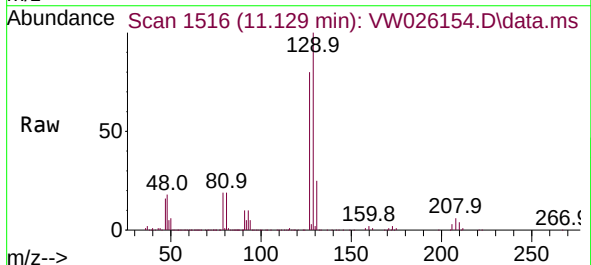
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

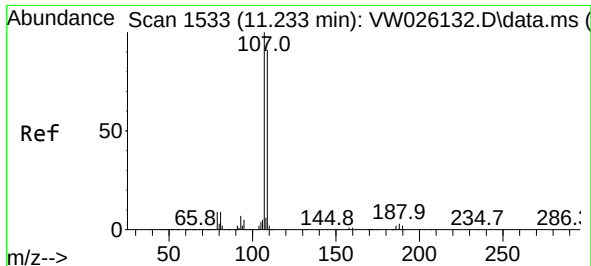
Tgt Ion:	43	Resp:	258428
Ion	Ratio	Lower	Upper
43	100		
58	50.3	42.2	63.2
57	17.8	14.2	21.2
100	10.0	8.3	12.5



#49
Dibromochloromethane
Concen: 21.933 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion:	129	Resp:	191696
Ion	Ratio	Lower	Upper
129	100		
127	80.5	56.9	105.7





#50

1,2-Dibromoethane

Concen: 22.275 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

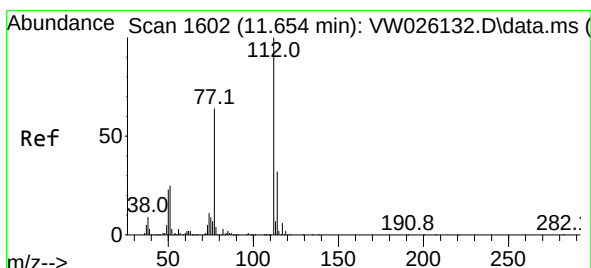
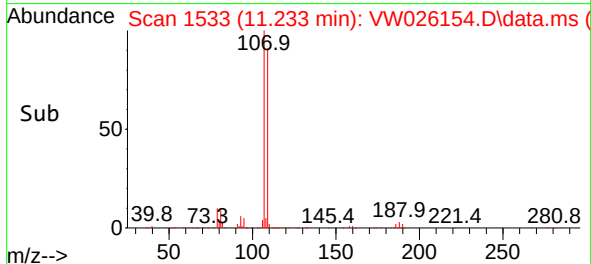
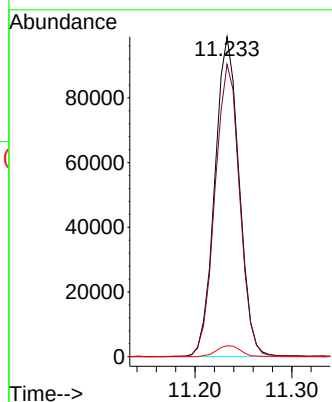
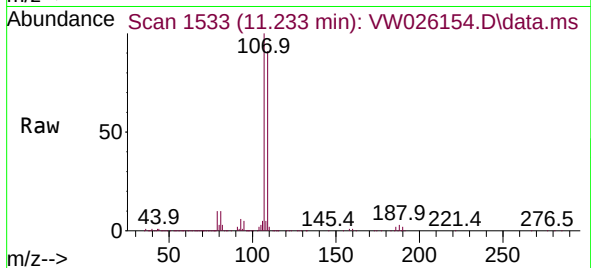
Tgt Ion:107 Resp: 171935

Ion Ratio Lower Upper

107 100

109 91.3 64.0 119.0

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 21.878 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

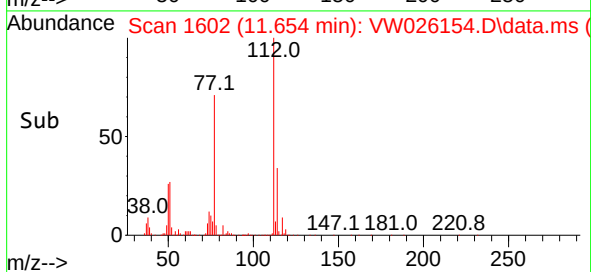
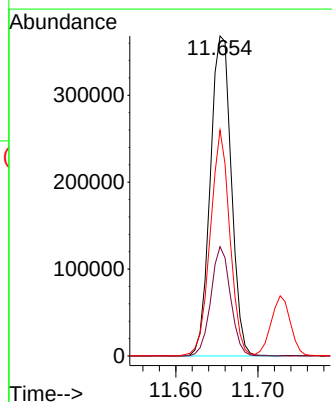
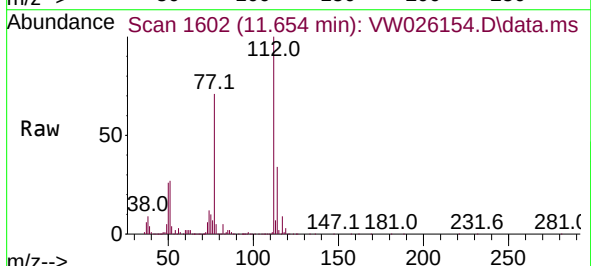
Tgt Ion:112 Resp: 654823

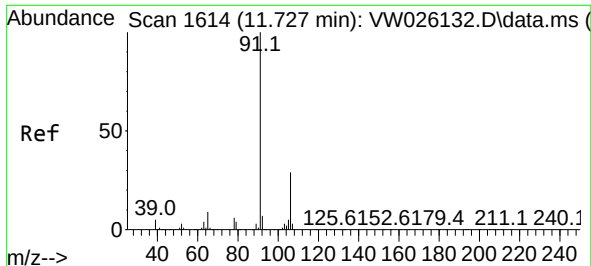
Ion Ratio Lower Upper

112 100

114 34.1 23.0 42.6

77 70.6 50.9 76.3

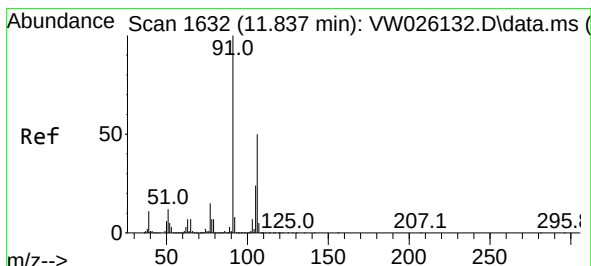
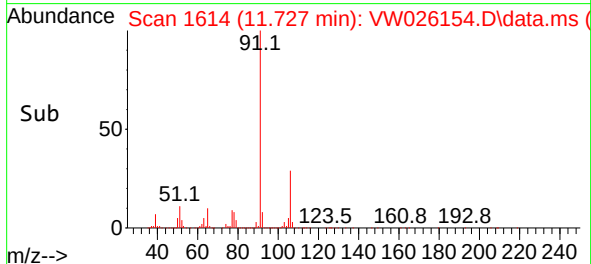
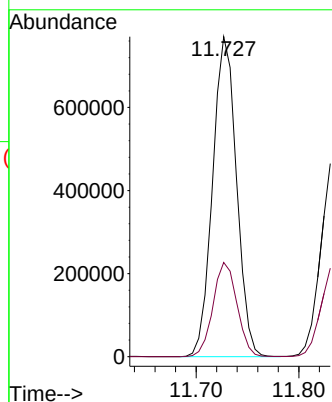
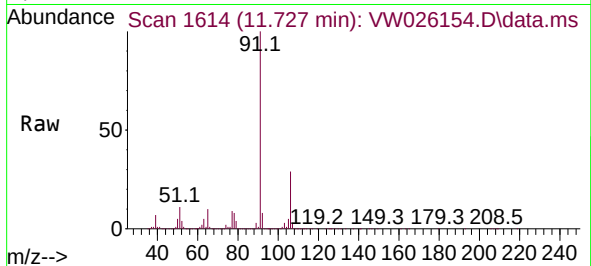




#52
Ethylbenzene
Concen: 23.072 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

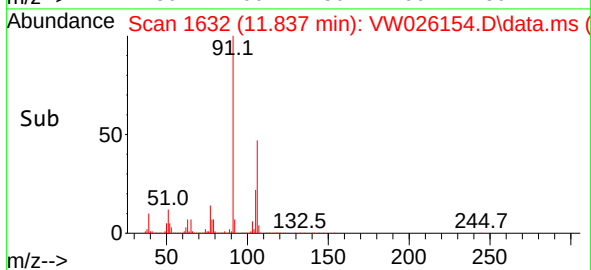
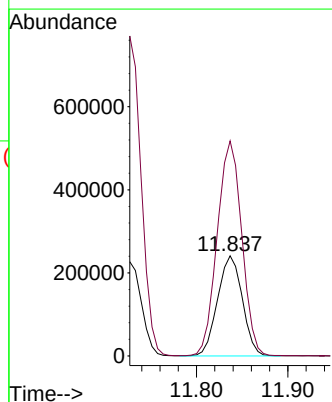
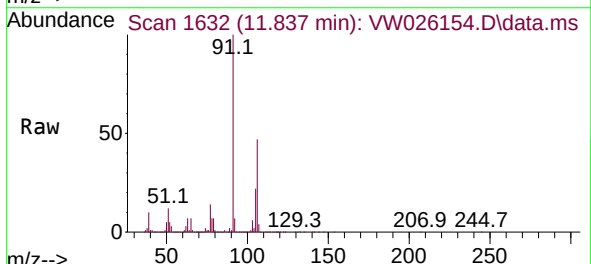
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

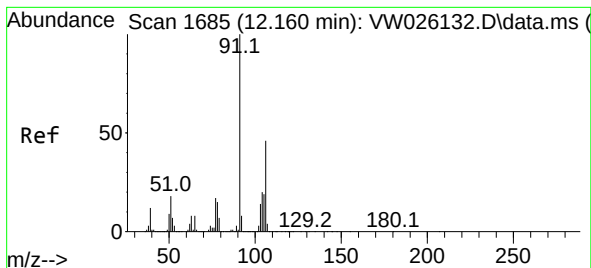
Tgt Ion: 91 Resp: 1243160
Ion Ratio Lower Upper
91 100
106 29.5 21.2 39.4



#53
m,p-Xylene
Concen: 22.620 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 106 Resp: 453401
Ion Ratio Lower Upper
106 100
91 214.5 149.5 277.7





#54

o-Xylene

Concen: 22.835 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

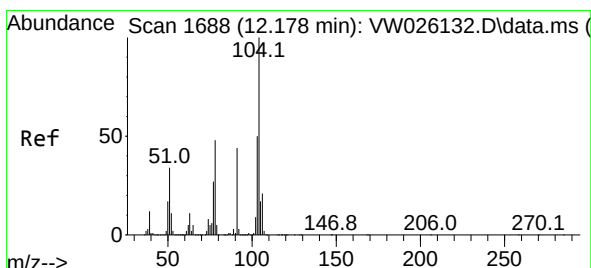
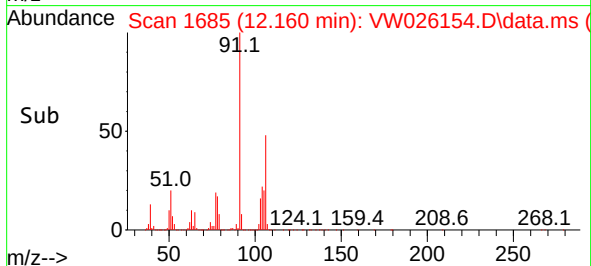
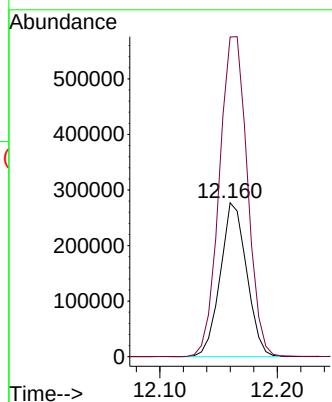
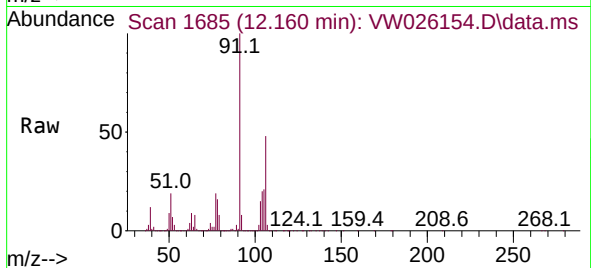
VSTD025512

Tgt Ion:106 Resp: 432009

Ion Ratio Lower Upper

106 100

91 207.8 150.9 280.3



#55

Styrene

Concen: 22.546 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026154.D

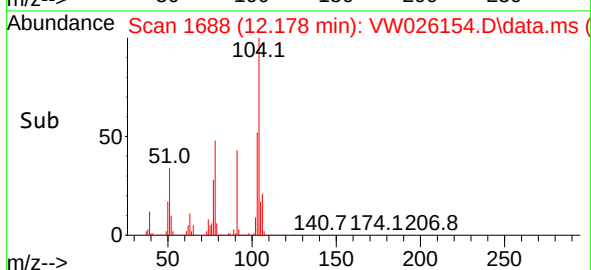
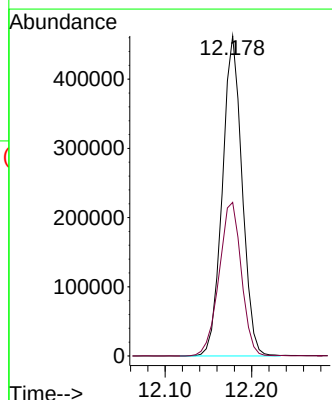
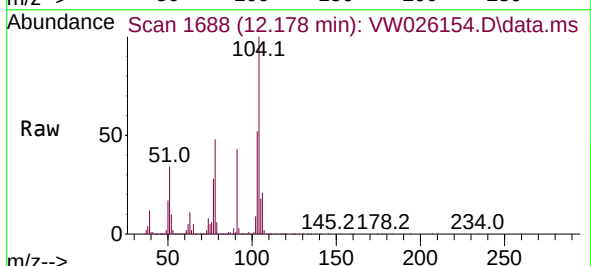
Acq: 09 Jun 2023 00:18

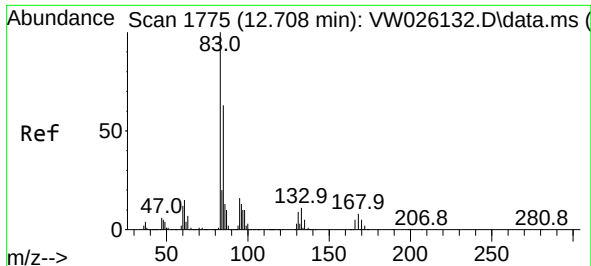
Tgt Ion:104 Resp: 731764

Ion Ratio Lower Upper

104 100

78 48.0 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.936 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

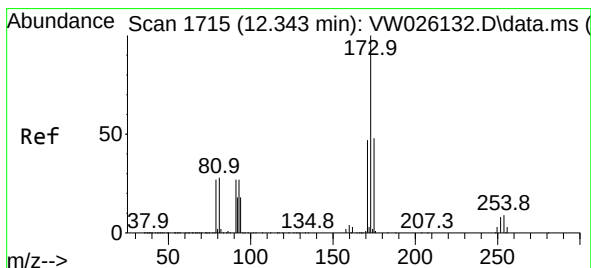
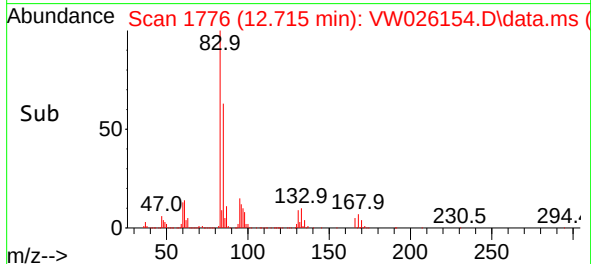
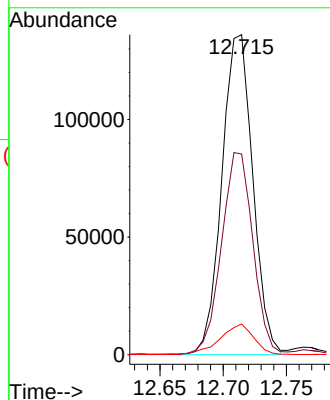
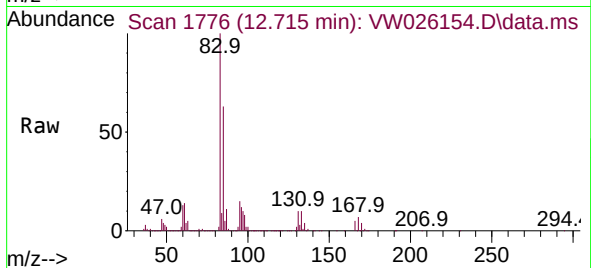
Tgt Ion: 83 Resp: 231389

Ion Ratio Lower Upper

83 100

85 62.7 42.6 79.0

131 9.6 7.2 10.8



#59

Bromoform

Concen: 21.497 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

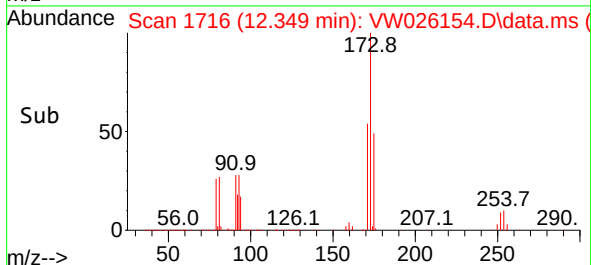
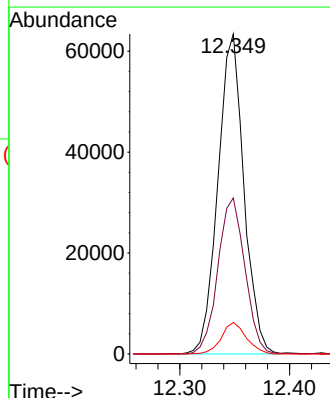
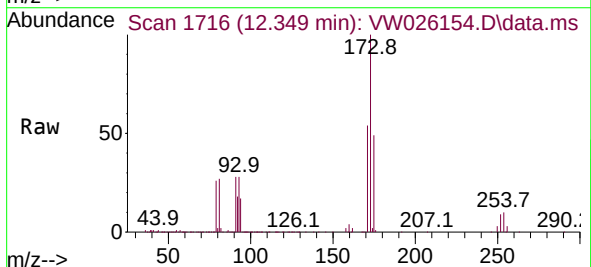
Tgt Ion:173 Resp: 104422

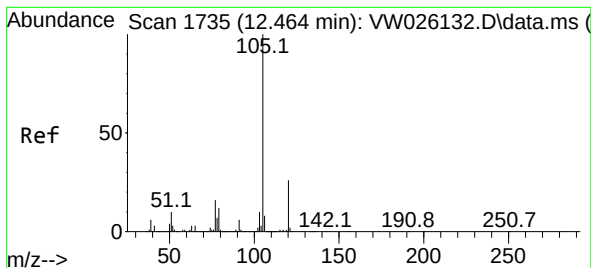
Ion Ratio Lower Upper

173 100

175 50.8 38.6 57.8

254 9.5 7.4 11.0





#60

Isopropylbenzene

Concen: 23.637 ug/L

RT: 12.458 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

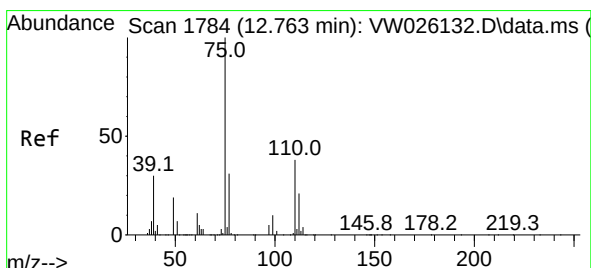
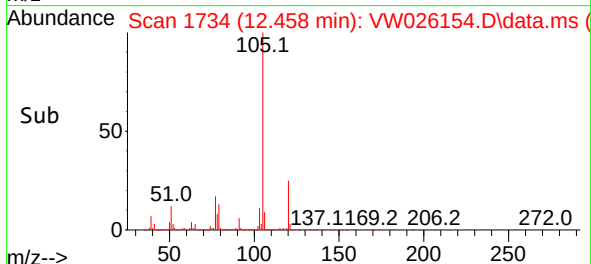
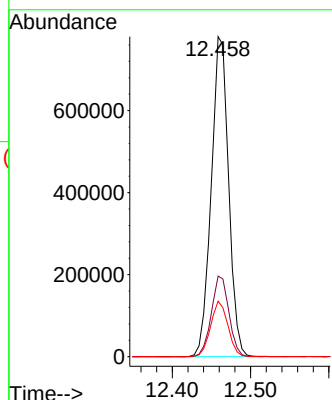
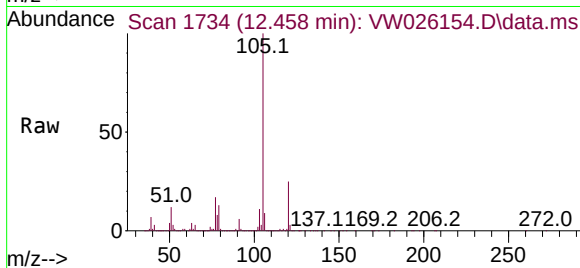
Tgt Ion:105 Resp: 1200878

Ion Ratio Lower Upper

105 100

120 25.4 19.8 29.8

77 17.2 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 23.255 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

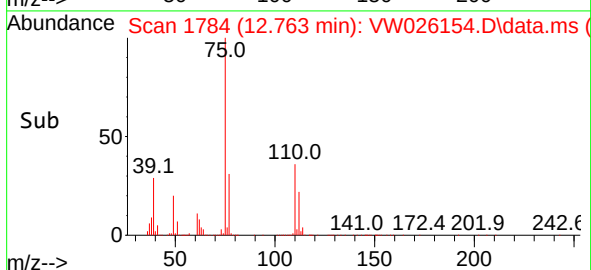
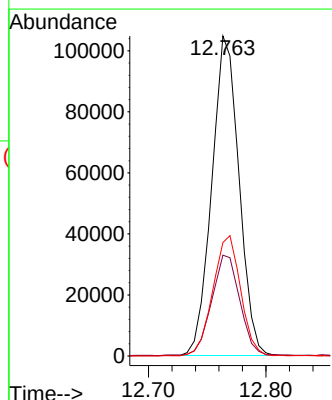
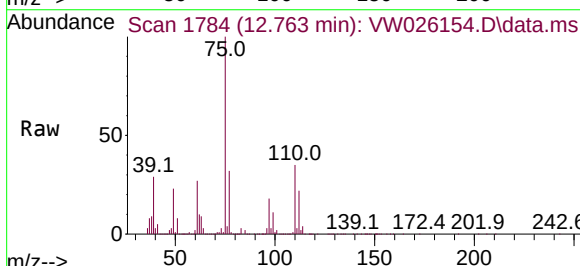
Tgt Ion: 75 Resp: 168463

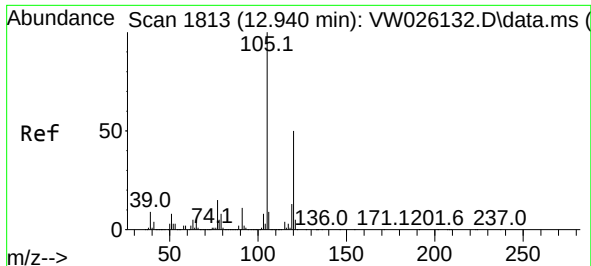
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

110 38.3 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 24.485 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026154.D

Acq: 09 Jun 2023 00:18

Instrument :

MSVOA_W

ClientSampleId :

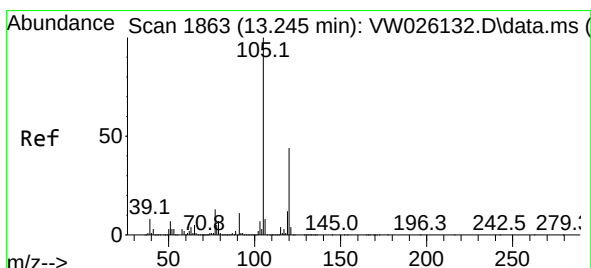
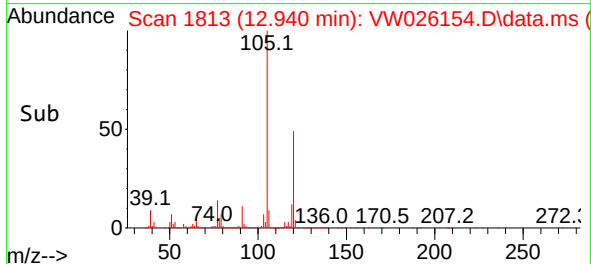
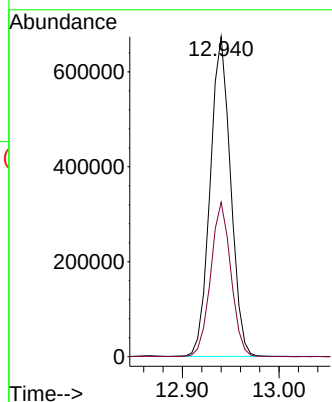
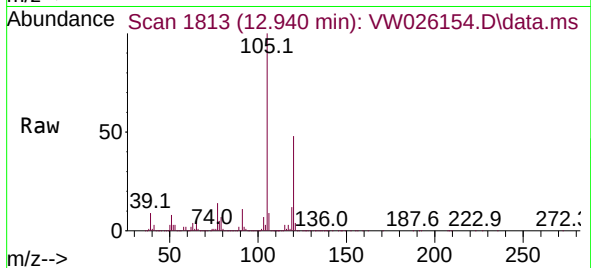
VSTD025512

Tgt Ion:105 Resp: 988881

Ion Ratio Lower Upper

105 100

120 47.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 24.046 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026154.D

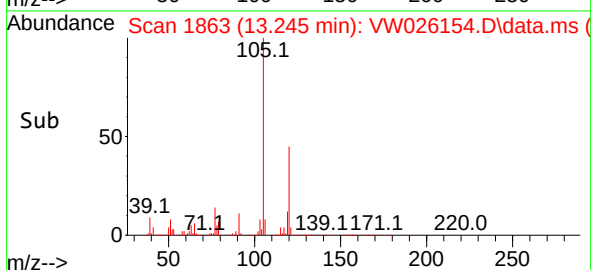
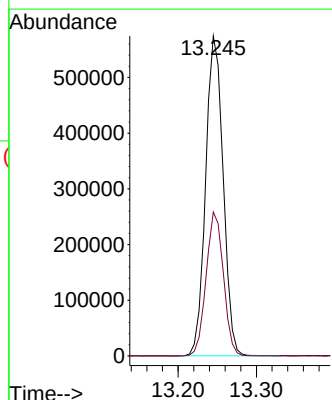
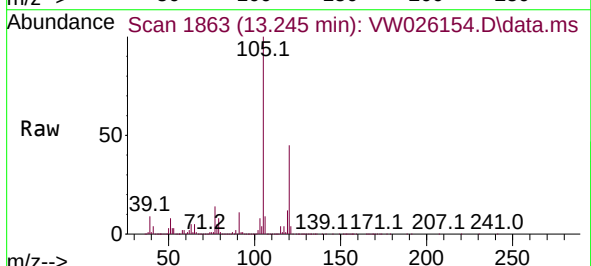
Acq: 09 Jun 2023 00:18

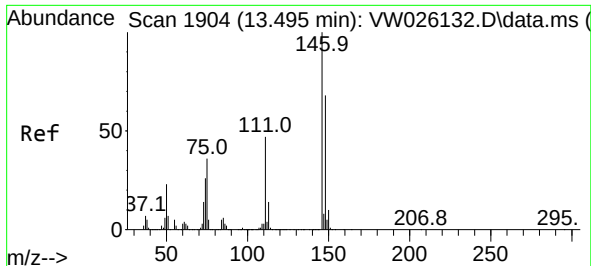
Tgt Ion:105 Resp: 889463

Ion Ratio Lower Upper

105 100

120 44.4 36.2 54.2

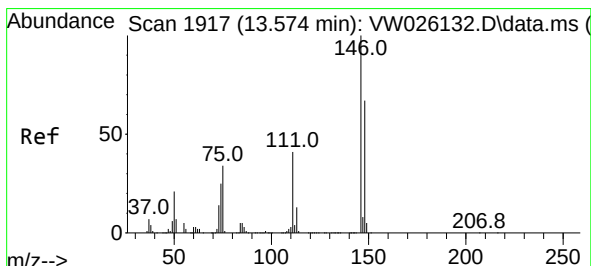
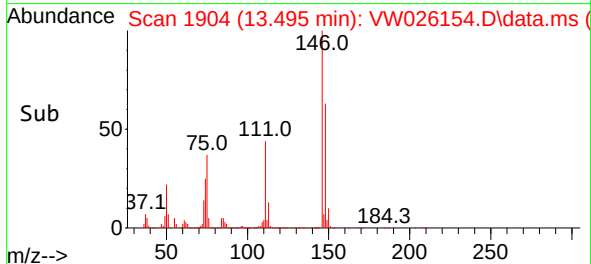
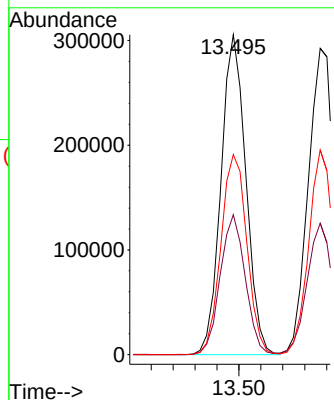
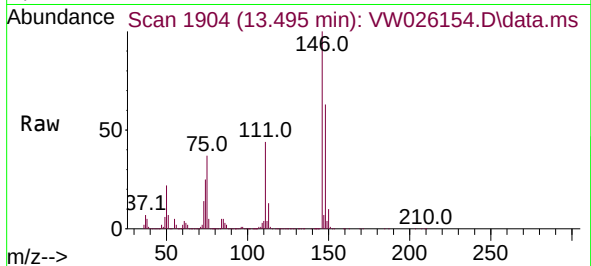




#64
1,3-Dichlorobenzene
Concen: 22.578 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

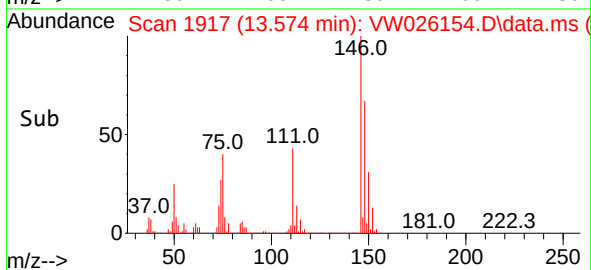
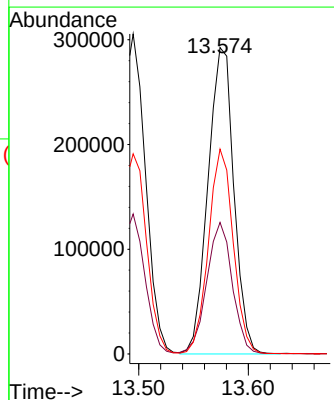
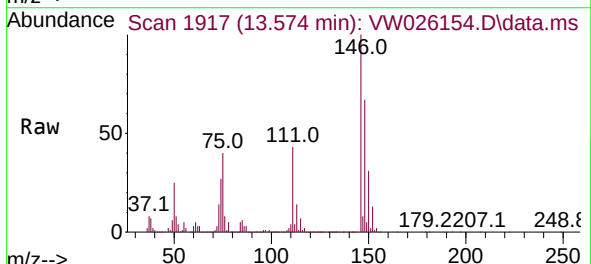
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

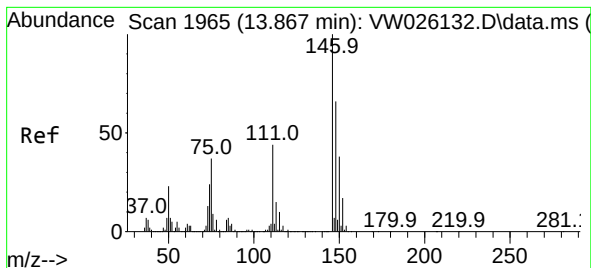
Tgt Ion:146 Resp: 482296
Ion Ratio Lower Upper
146 100
111 43.8 29.7 55.1
148 62.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 22.388 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion:146 Resp: 481491
Ion Ratio Lower Upper
146 100
111 42.9 29.2 54.2
148 66.9 42.8 79.6

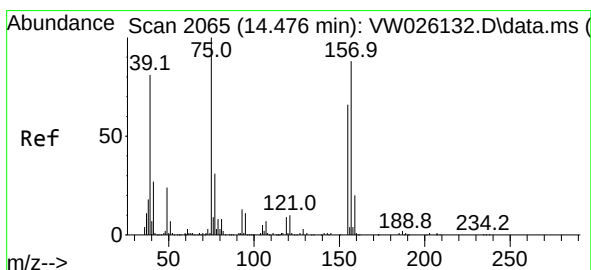
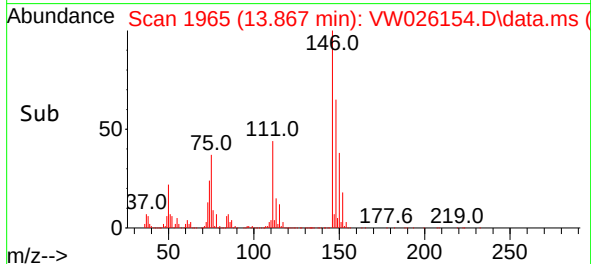
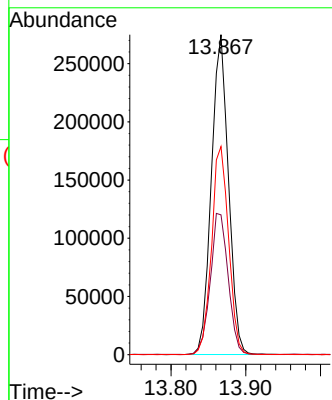
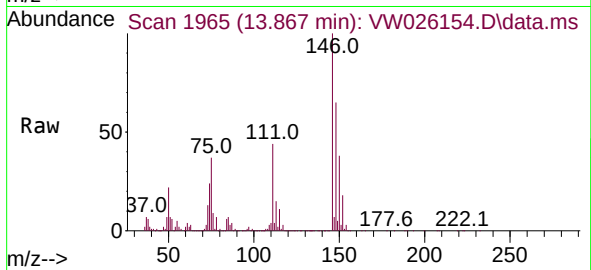




#67
1,2-Dichlorobenzene
Concen: 22.745 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

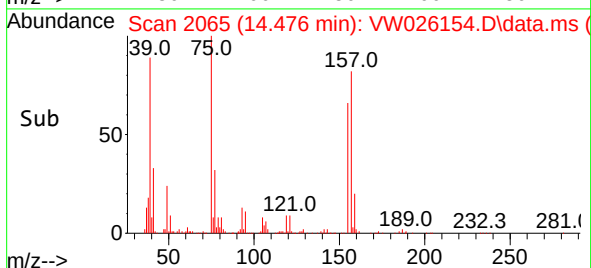
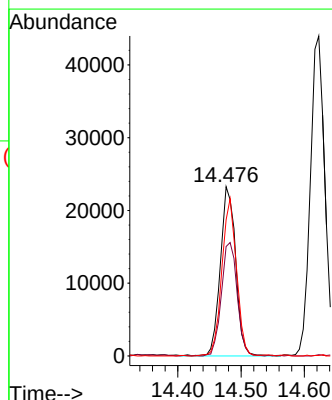
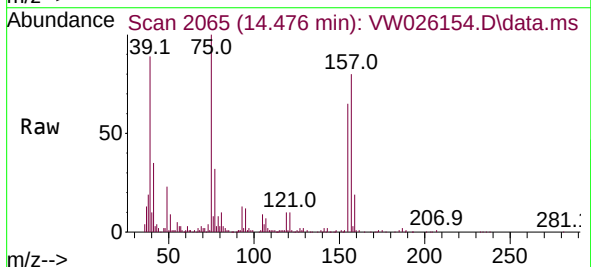
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

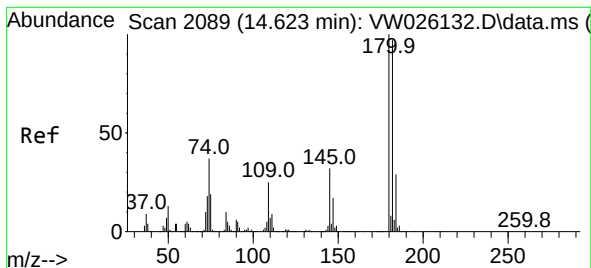
Tgt Ion:146 Resp: 436290
Ion Ratio Lower Upper
146 100
111 43.7 35.4 53.0
148 65.1 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.290 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion: 75 Resp: 39090
Ion Ratio Lower Upper
75 100
155 64.6 59.0 88.6
157 80.4 71.7 107.5

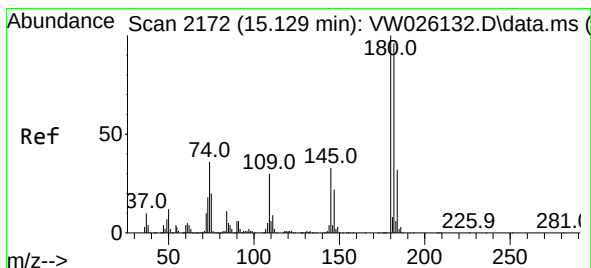
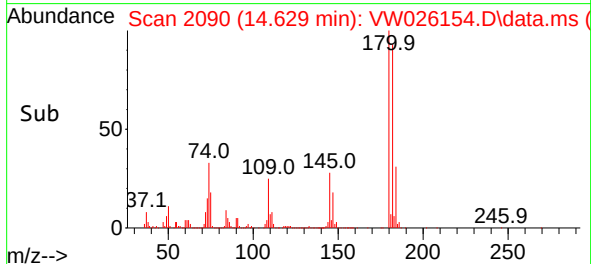
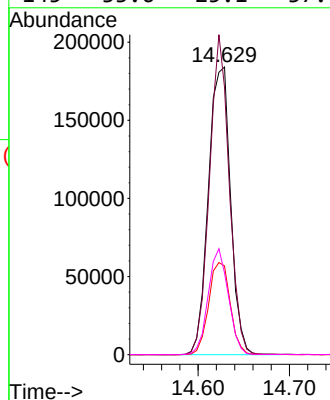
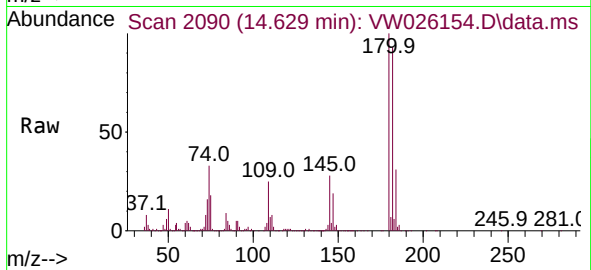




#69
1,3,5-Trichlorobenzene
Concen: 21.157 ug/L
RT: 14.629 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

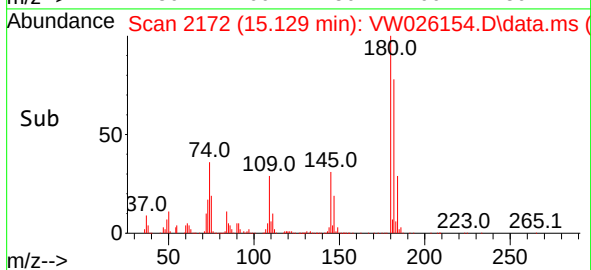
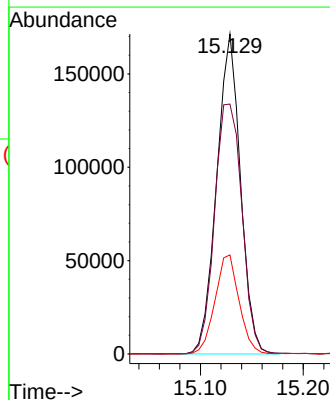
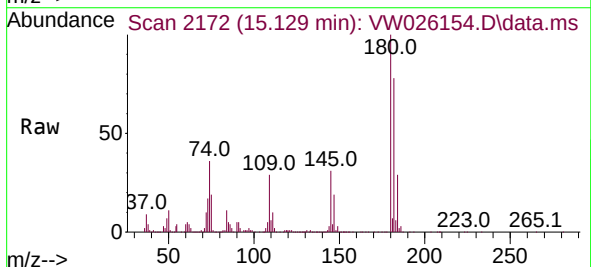
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

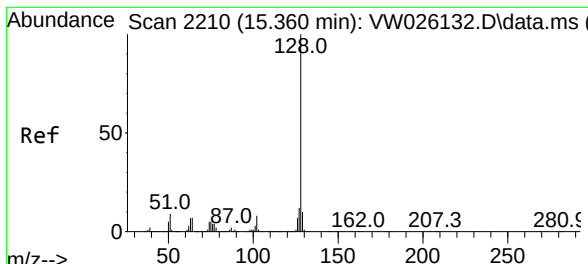
Tgt Ion:180 Resp: 310447
Ion Ratio Lower Upper
180 100
182 98.9 77.0 115.4
184 31.3 23.7 35.5
145 33.6 25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 22.747 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion:180 Resp: 275425
Ion Ratio Lower Upper
180 100
182 89.9 78.9 118.3
145 31.3 27.2 40.8



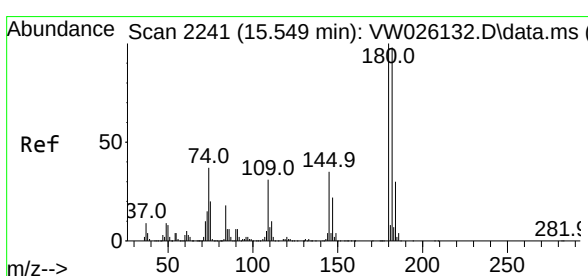
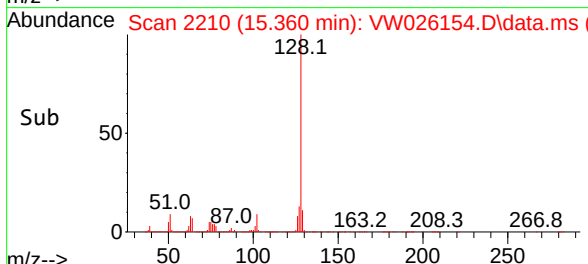
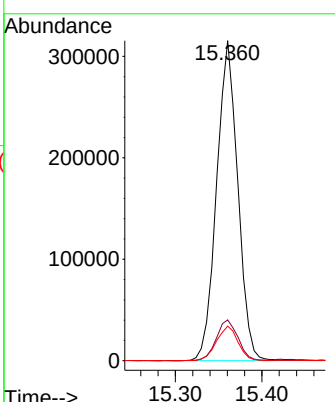
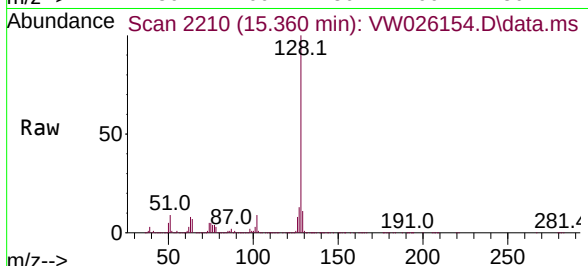


#71
Naphthalene
Concen: 24.804 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

Tgt Ion:128 Resp: 535271

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.699 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026154.D
Acq: 09 Jun 2023 00:18

Tgt Ion:180 Resp: 229616

Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.3	114.5
145	36.1	27.0	40.6

