

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023210.D
 Acq On : 20 May 2022 20:11
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Quant Time: May 20 23:07:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 23:01:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	319857	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	321584	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	176155	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	134596	20.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
7) Chloroethane-d5	2.879	69	98137	22.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.960%
11) 1,1-Dichloroethene-d2	4.019	63	184693	21.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.120%
21) 2-Butanone-d5	7.080	46	61402	49.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.420%
24) Chloroform-d	7.647	84	231707	24.726	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	8.305	65	126854	24.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.720%
32) Benzene-d6	8.275	84	445114	24.014	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	9.268	67	126435	24.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.323	98	436072	24.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	10.573	79	57888	24.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.920	63	50677	50.985	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126506	26.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	159422	25.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	56195	32.228	ug/L	95
3) Chloromethane	2.215	50	99187	29.438	ug/L	98
5) Vinyl chloride	2.355	62	153729	22.734	ug/L	98
6) Bromomethane	2.776	94	92239	21.245	ug/L	89
8) Chloroethane	2.922	64	80705	24.745	ug/L	94
9) Trichlorofluoromethane	3.251	101	70805	22.909	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	108855	23.555	ug/L	96
12) 1,1-Dichloroethene	4.044	96	95749	23.372	ug/L	83
13) Acetone	4.123	43	34029	36.428	ug/L	90
14) Carbon disulfide	4.379	76	261311	23.266	ug/L	97
15) Methyl Acetate	4.672	43	46807	24.941	ug/L	98
16) Methylene chloride	4.915	84	122341	26.139	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	112914	24.493	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	184113	26.161	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	193217	24.729	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	126011	25.448	ug/L #	98
22) 2-Butanone	7.171	43	61304	46.926	ug/L	97
23) Bromochloromethane	7.513	128	57908	24.971	ug/L	97
25) Chloroform	7.677	83	217506	25.175	ug/L	99

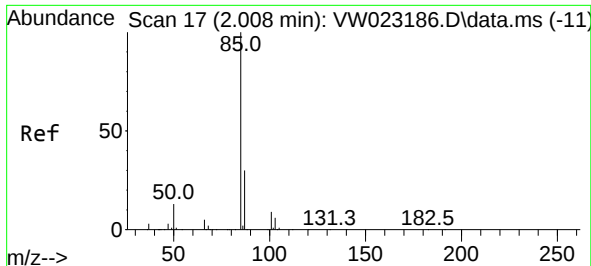
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
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 Quant Title : SFAM01.0
 QLast Update : Fri May 20 23:01:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143276	24.878	ug/L	98
29) Cyclohexane	7.958	56	173968	25.014	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	186317	24.517	ug/L	99
31) Carbon tetrachloride	8.067	117	169135	23.792	ug/L	99
33) Benzene	8.323	78	469065	24.760	ug/L	100
34) Trichloroethene	9.092	95	127686	24.508	ug/L	97
35) Methylcyclohexane	9.335	83	212018	24.771	ug/L	98
37) 1,2-Dichloropropane	9.366	63	111421	24.304	ug/L	99
38) Bromodichloromethane	9.646	83	157394	24.171	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	177599	24.983	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	141455	48.953	ug/L	99
42) Toluene	10.384	91	538157	25.348	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	159511	25.140	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	97030	25.318	ug/L	98
46) Tetrachloroethene	10.859	164	100449	25.655	ug/L	88
48) 2-Hexanone	10.969	43	98152	50.837	ug/L	98
49) Dibromochloromethane	11.128	129	116007	25.150	ug/L	98
50) 1,2-Dibromoethane	11.231	107	96161	24.988	ug/L	97
51) Chlorobenzene	11.658	112	351314	25.100	ug/L	94
52) Ethylbenzene	11.731	91	595494	25.211	ug/L	98
53) m,p-Xylene	11.835	106	237075	25.473	ug/L	96
54) o-Xylene	12.164	106	228420	25.576	ug/L	100
55) Styrene	12.176	104	393657	25.940	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	122515	25.594	ug/L	97
59) Bromoform	12.347	173	63258	25.339	ug/L	99
60) Isopropylbenzene	12.463	105	616989	25.567	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87994	25.000	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	338067	25.180	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	517398	25.666	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	267968	24.871	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	278787	25.051	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	256626	26.028	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18189	23.645	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	186190	26.033	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	148393	25.794	ug/L	98
71) Naphthalene	15.359	128	329441	26.346	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135014	26.479	ug/L	97

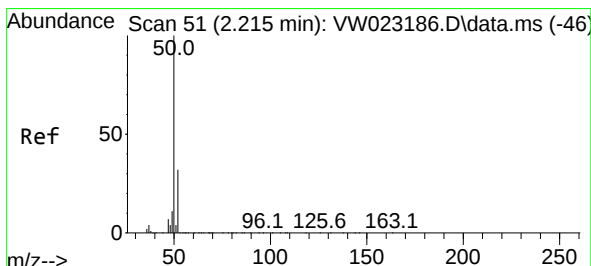
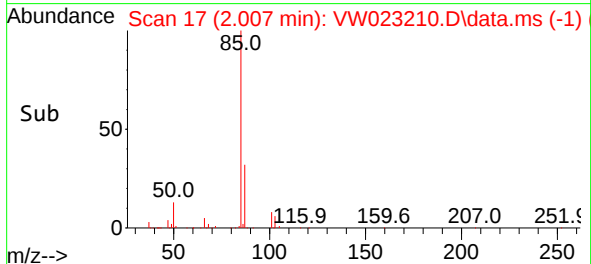
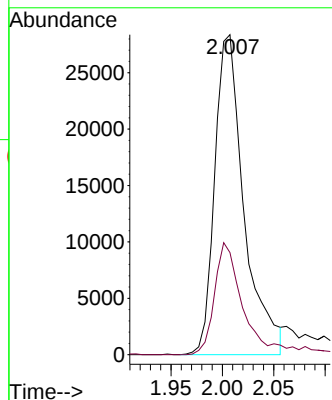
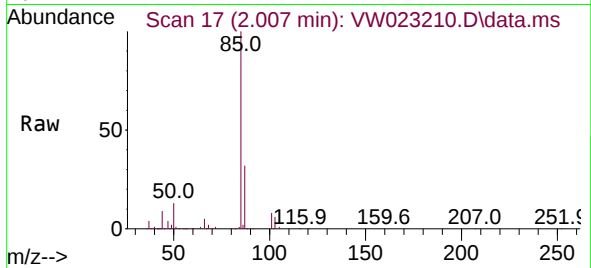
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 32.228 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

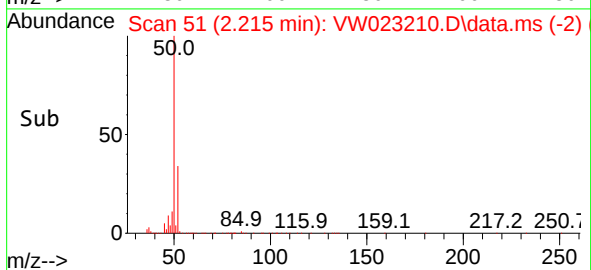
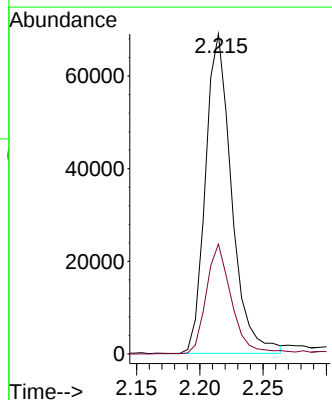
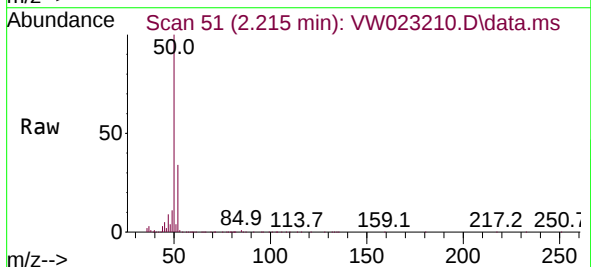
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

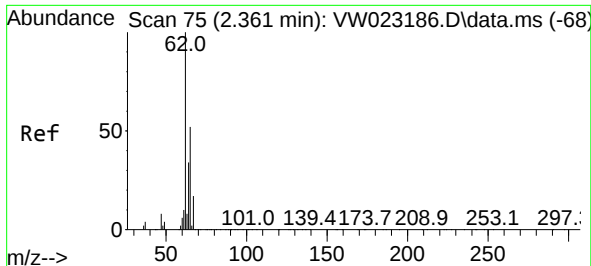
Tgt Ion: 85 Resp: 56195
Ion Ratio Lower Upper
85 100
87 31.7 27.8 41.8



#3
Chloromethane
Concen: 29.438 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 50 Resp: 99187
Ion Ratio Lower Upper
50 100
52 34.3 23.1 42.9

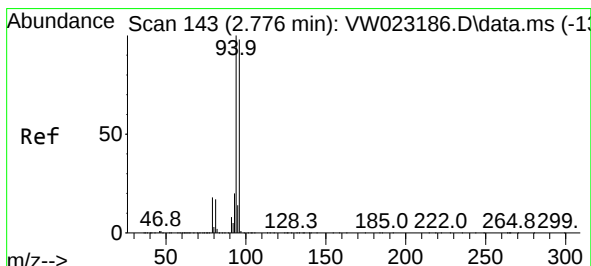
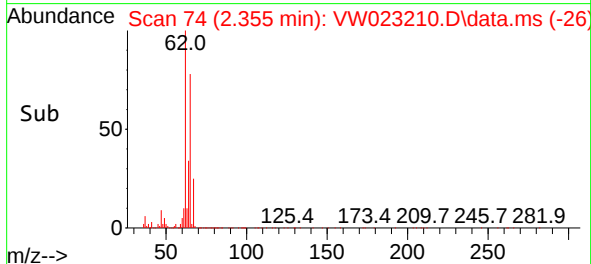
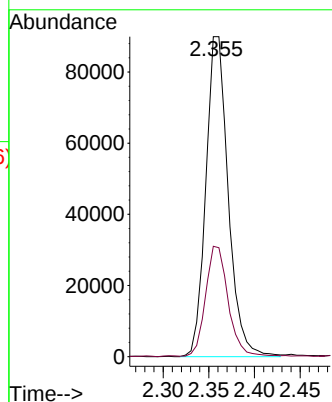
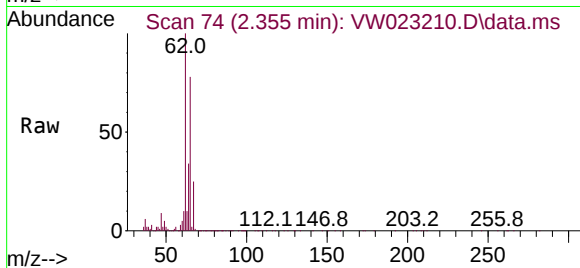




#5
 Vinyl chloride
 Concen: 22.734 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023210.D
 Acq: 20 May 2022 20:11

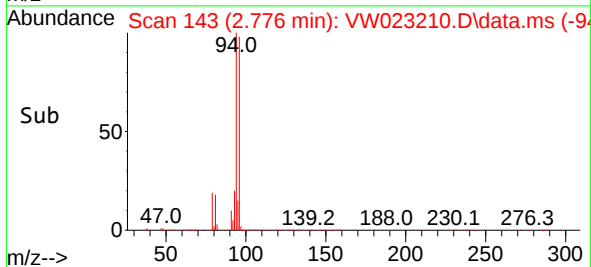
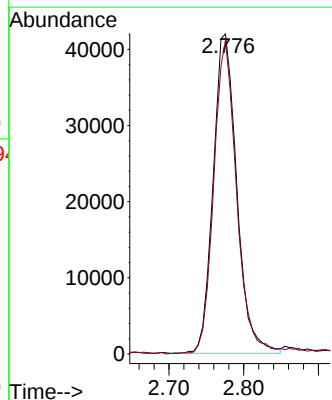
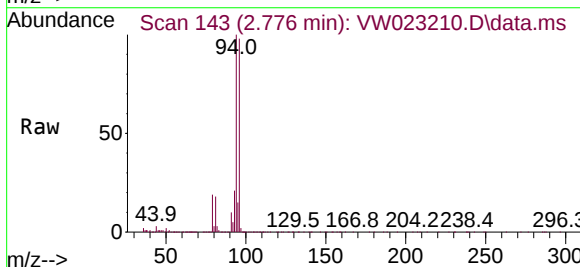
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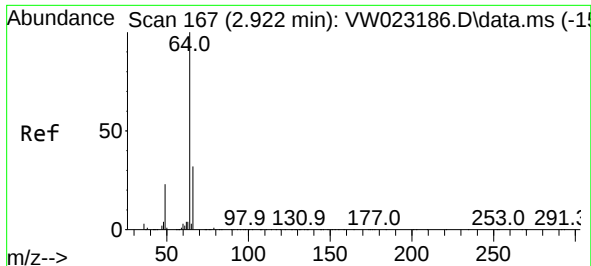
Tgt Ion: 62 Resp: 153729
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.9 46.3



#6
 Bromomethane
 Concen: 21.245 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023210.D
 Acq: 20 May 2022 20:11

Tgt Ion: 94 Resp: 92239
 Ion Ratio Lower Upper
 94 100
 96 98.2 61.7 114.5

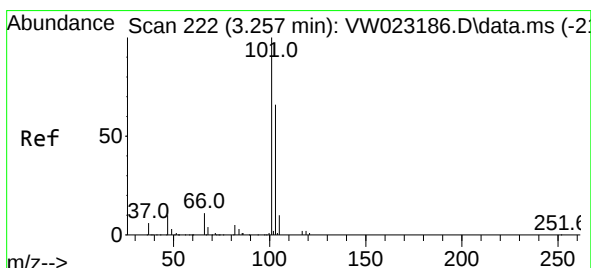
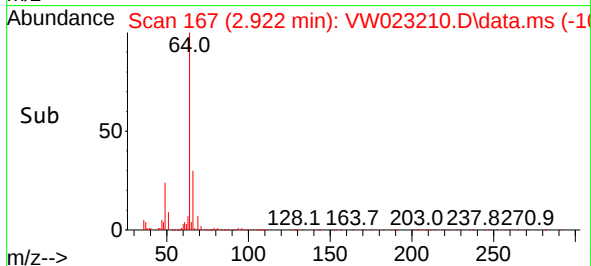
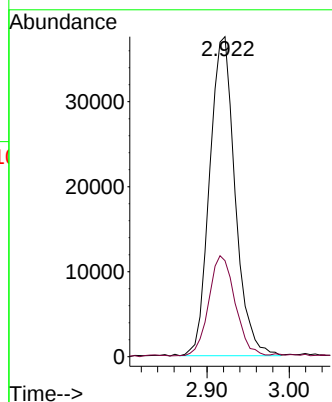
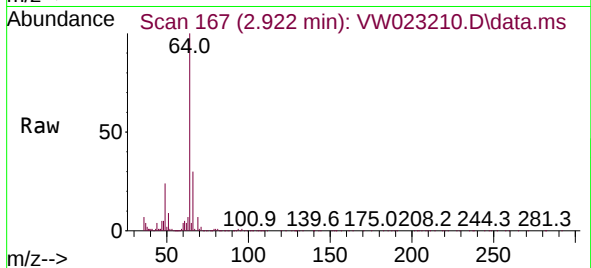




#8
Chloroethane
Concen: 24.745 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

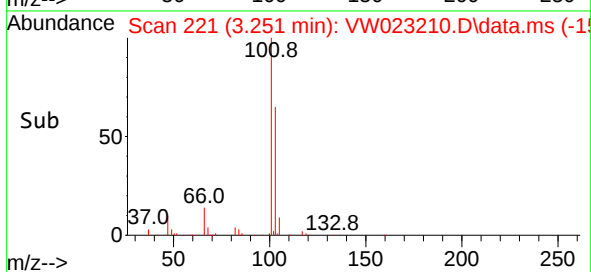
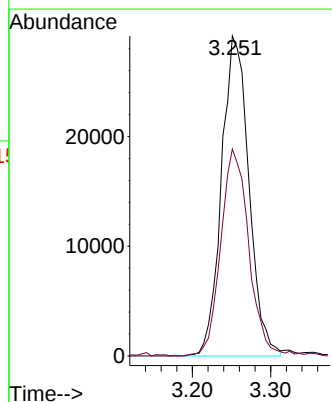
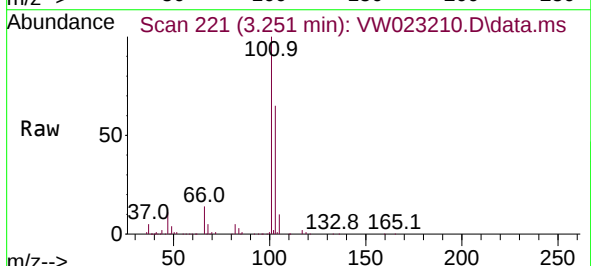
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ClientSampleId :
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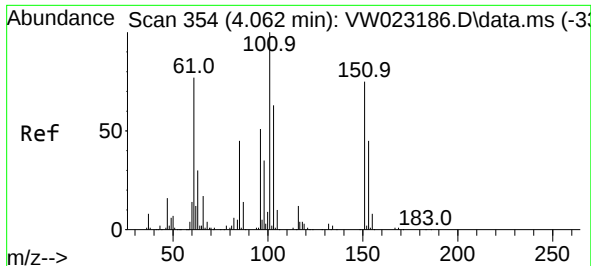
Tgt Ion: 64 Resp: 80705
Ion Ratio Lower Upper
64 100
66 30.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.909 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 101 Resp: 70805
Ion Ratio Lower Upper
101 100
103 65.6 53.9 80.9

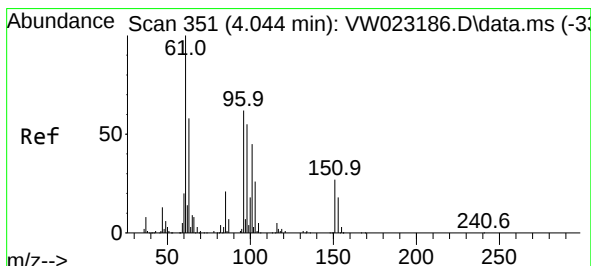
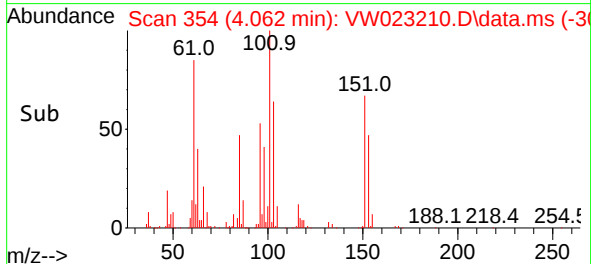
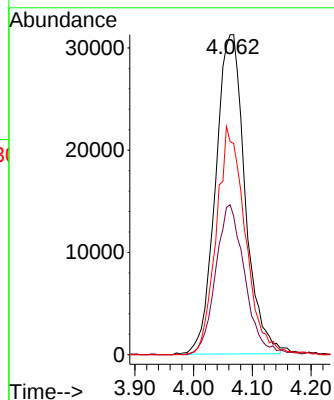
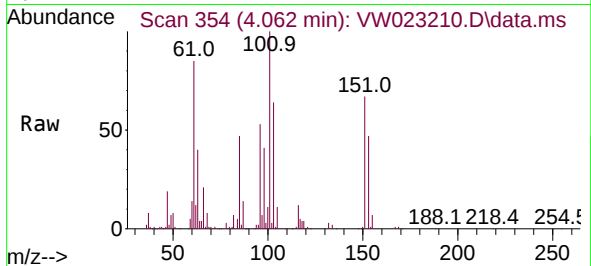




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.555 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023210.D
 Acq: 20 May 2022 20:11

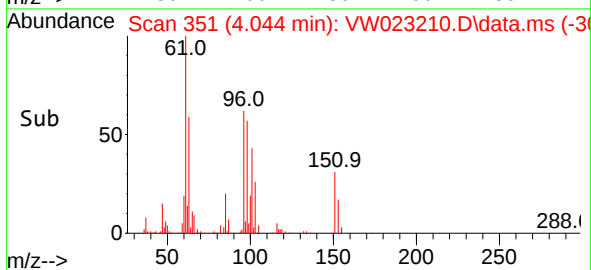
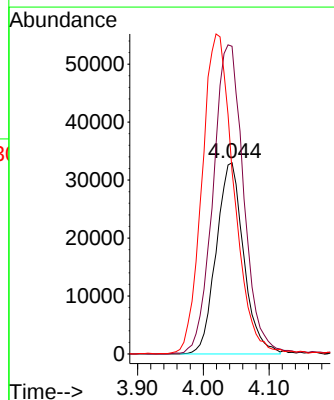
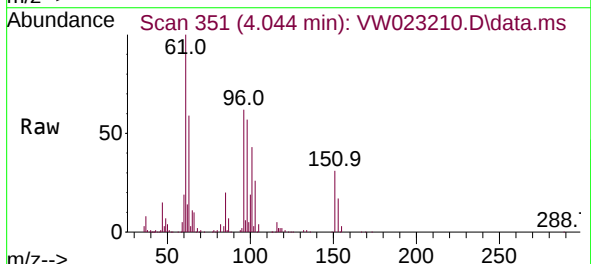
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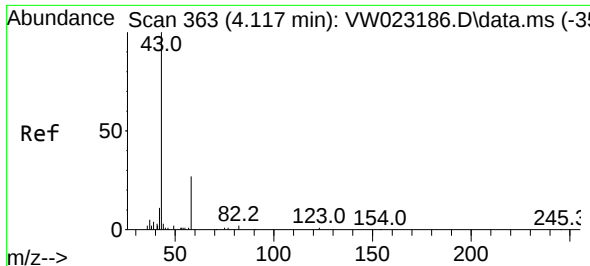
Tgt Ion:101 Resp: 108855
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.3 51.5
 151 70.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.372 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW023210.D
 Acq: 20 May 2022 20:11

Tgt Ion: 96 Resp: 95749
 Ion Ratio Lower Upper
 96 100
 61 160.8 125.7 233.5
 63 95.5 83.4 155.0

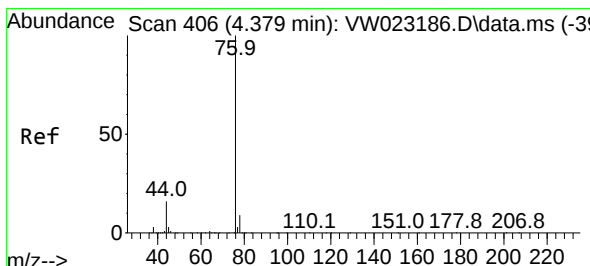
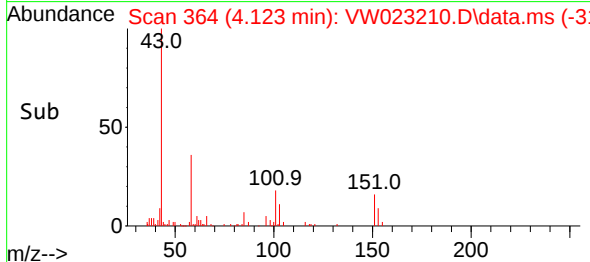
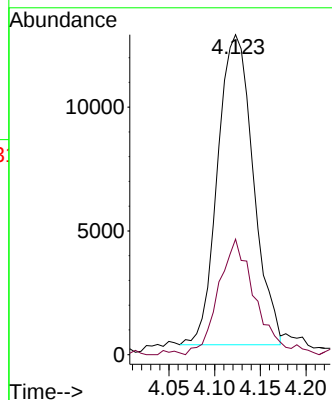
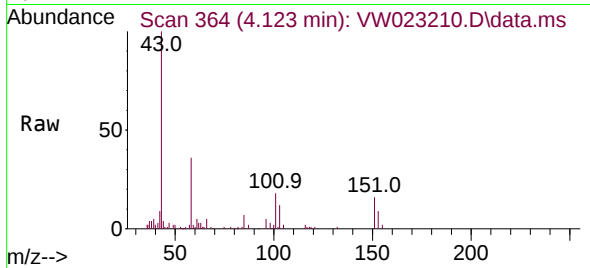




#13
Acetone
Concen: 36.428 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

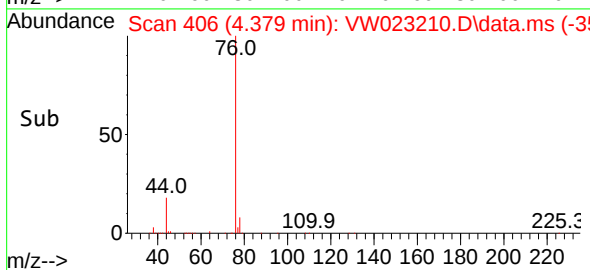
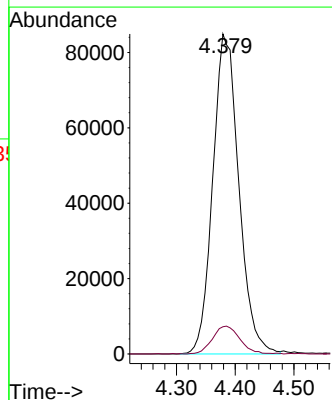
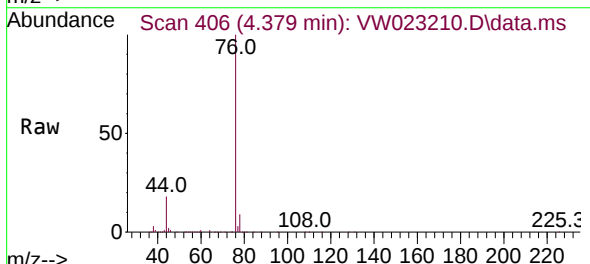
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

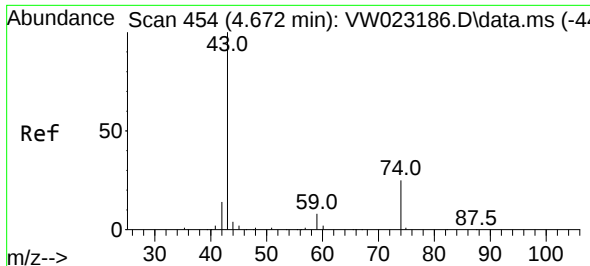
Tgt Ion: 43 Resp: 34029
Ion Ratio Lower Upper
43 100
58 37.8 0.0 64.0



#14
Carbon disulfide
Concen: 23.266 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 76 Resp: 261311
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5

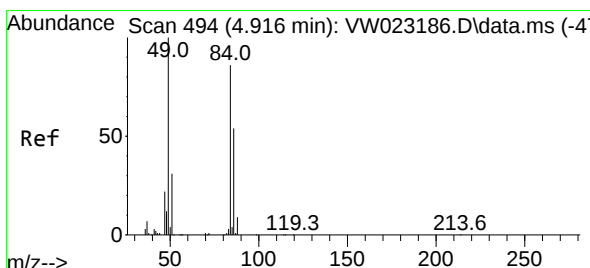
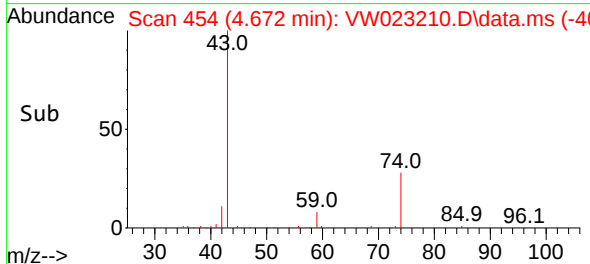
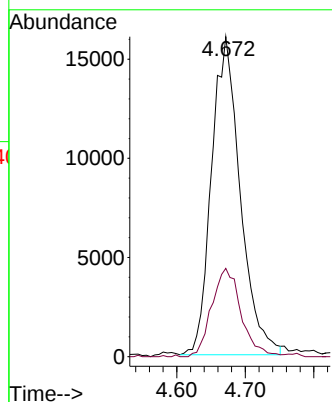
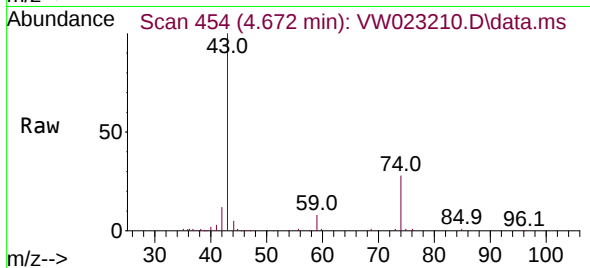




#15
Methyl Acetate
Concen: 24.941 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

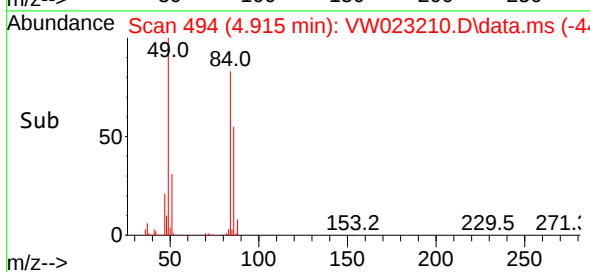
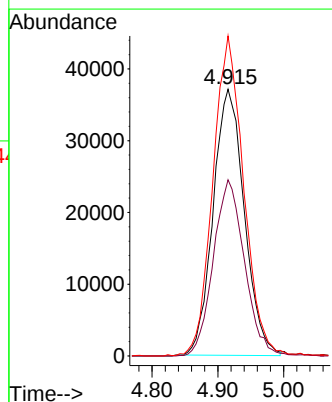
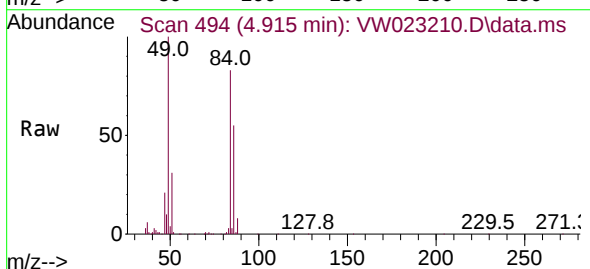
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

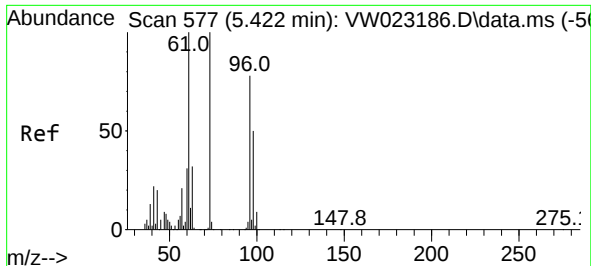
Tgt Ion: 43 Resp: 46807
Ion Ratio Lower Upper
43 100
74 28.2 21.9 32.9



#16
Methylene chloride
Concen: 26.139 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 84 Resp: 122341
Ion Ratio Lower Upper
84 100
86 66.0 45.4 84.4
49 119.9 82.5 153.1

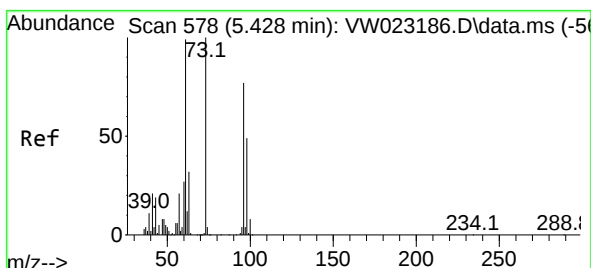
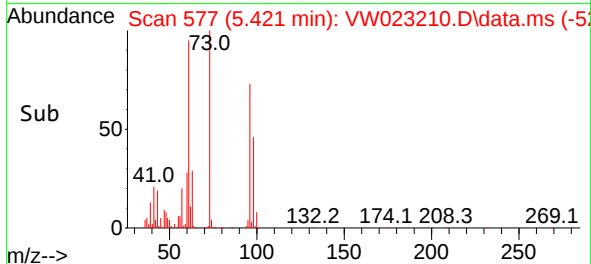
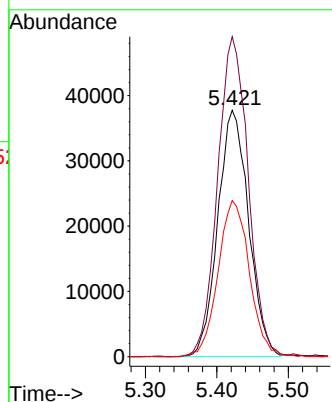
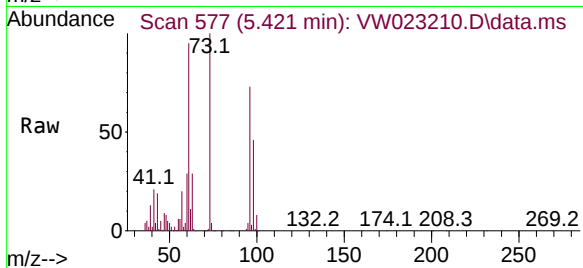




#17
trans-1,2-Dichloroethene
Concen: 24.493 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

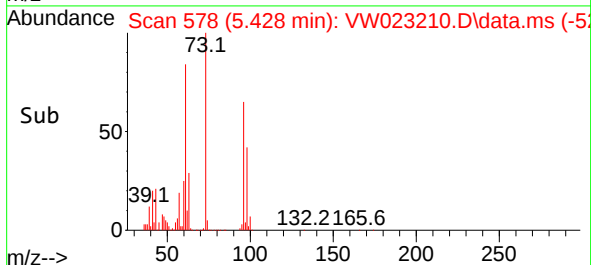
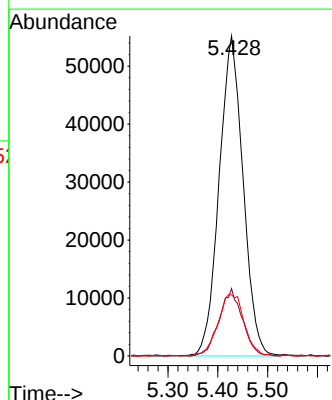
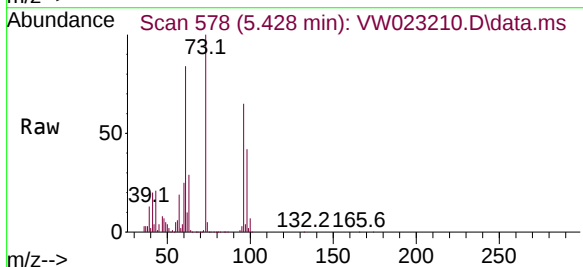
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

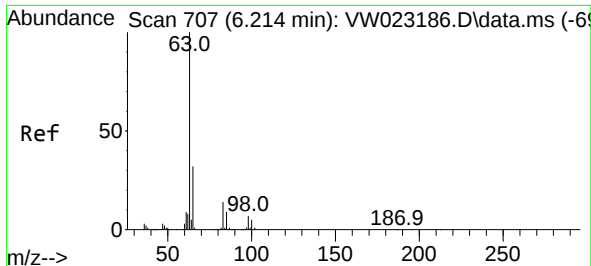
Tgt Ion: 96 Resp: 112914
Ion Ratio Lower Upper
96 100
61 129.9 92.2 171.2
98 63.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.161 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 73 Resp: 184113
Ion Ratio Lower Upper
73 100
43 20.3 15.9 23.9
57 13.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.729 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

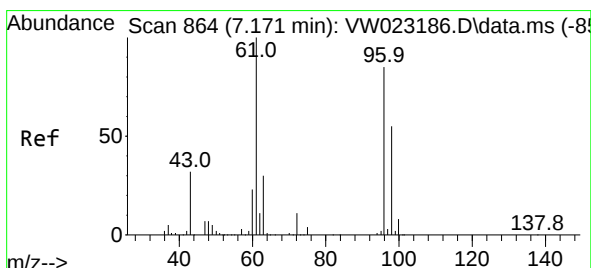
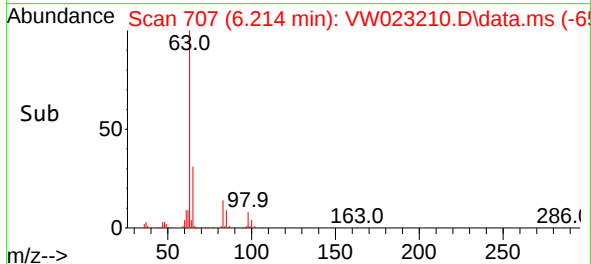
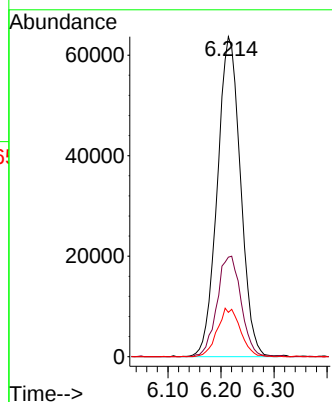
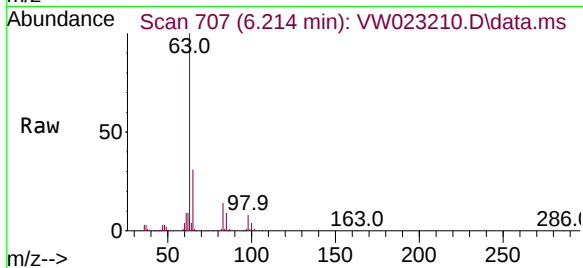
Tgt Ion: 63 Resp: 193217

Ion Ratio Lower Upper

63 100

65 31.1 23.3 43.3

83 13.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.448 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

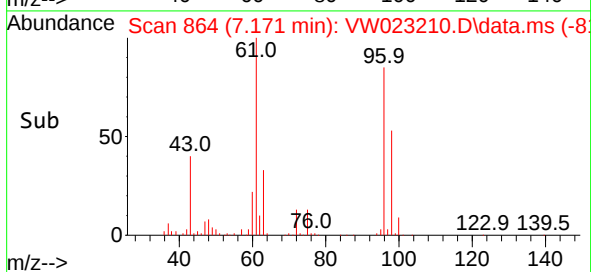
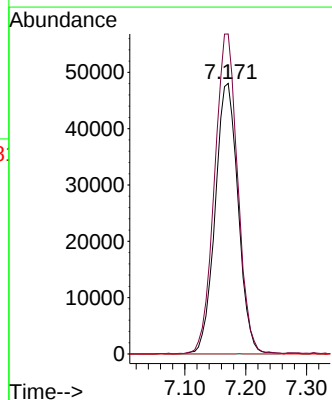
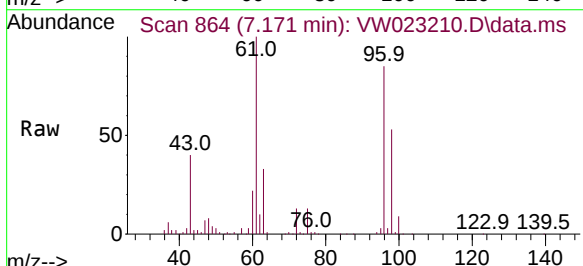
Tgt Ion: 96 Resp: 126011

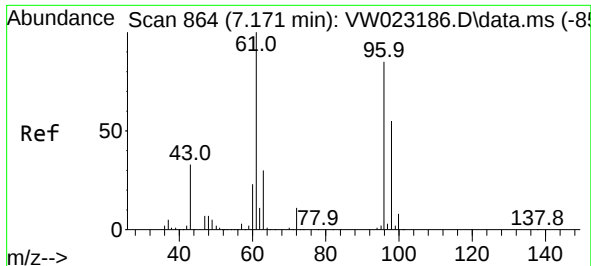
Ion Ratio Lower Upper

96 100

61 118.3 84.2 156.4

68 0.0 0.1 0.1#

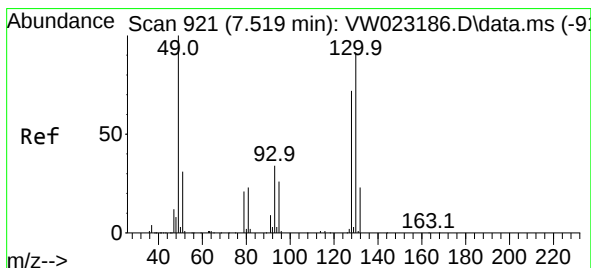
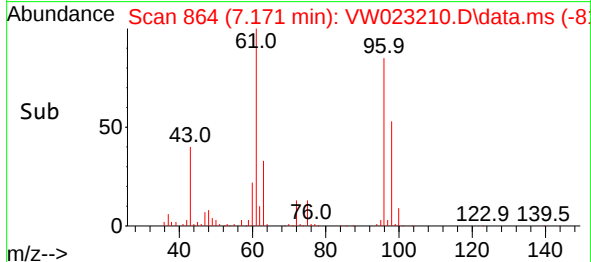
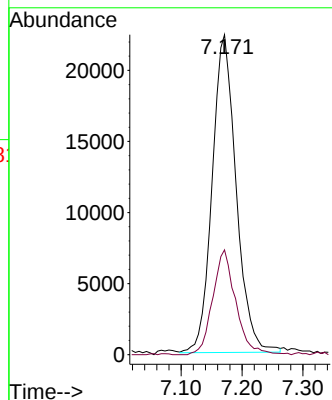
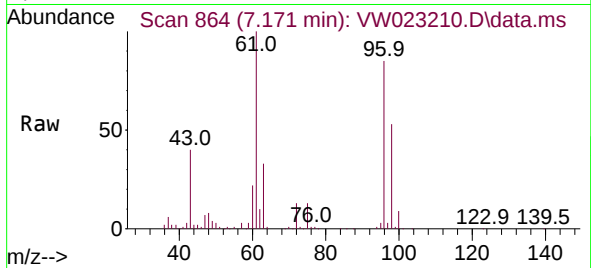




#22
2-Butanone
Concen: 46.926 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

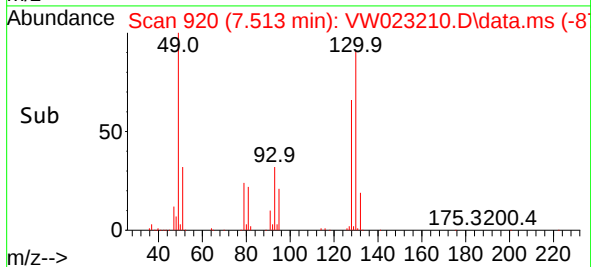
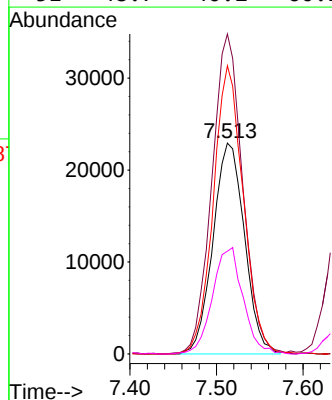
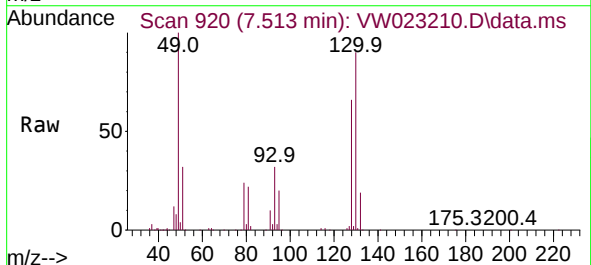
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

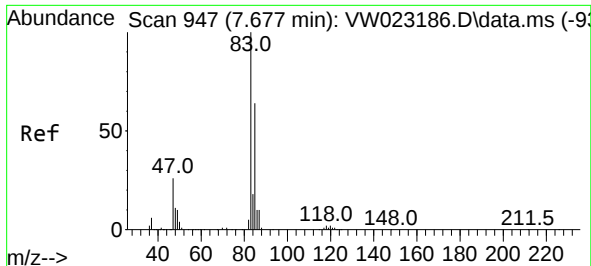
Tgt Ion: 43 Resp: 61304
Ion Ratio Lower Upper
43 100
72 31.6 15.1 45.3



#23
Bromochloromethane
Concen: 24.971 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 128 Resp: 57908
Ion Ratio Lower Upper
128 100
49 151.7 110.0 204.4
130 136.6 94.8 176.0
51 48.7 40.2 60.2

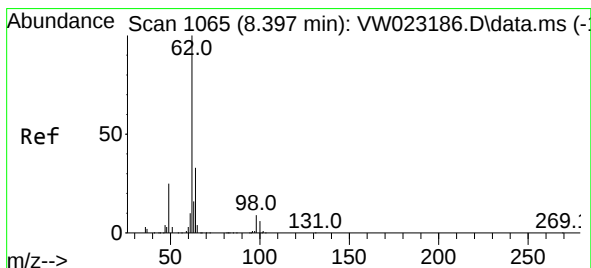
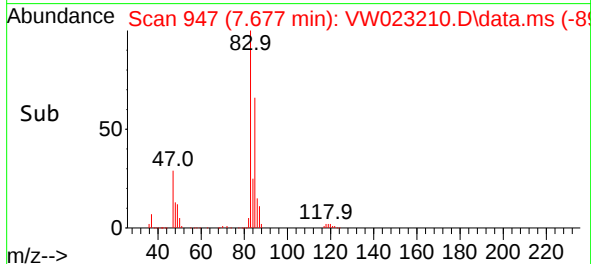
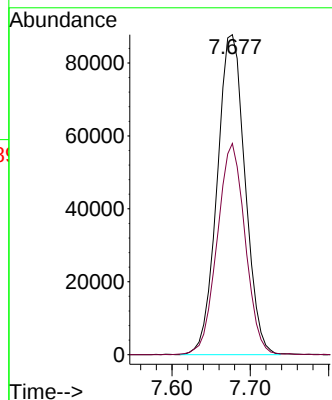
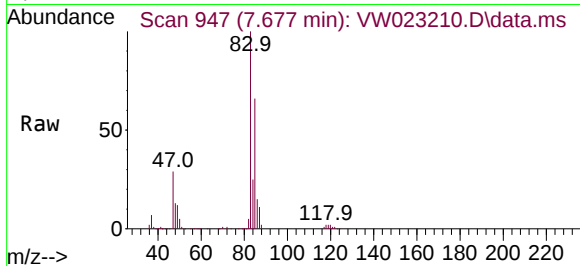




#25
Chloroform
Concen: 25.175 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

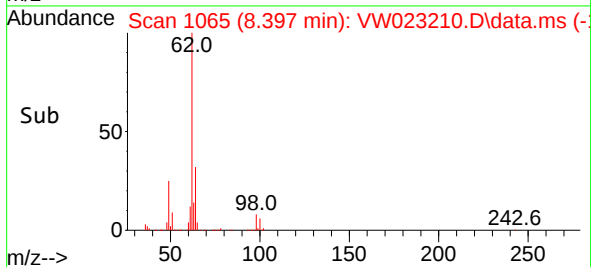
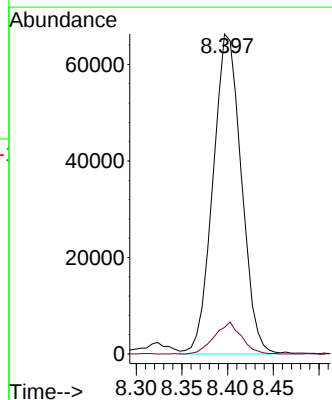
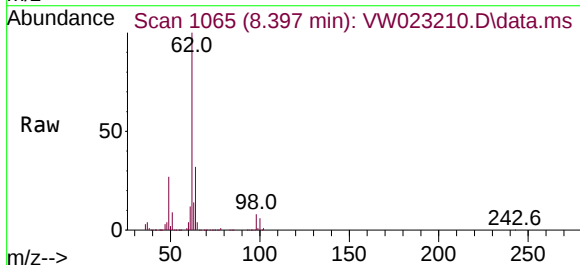
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

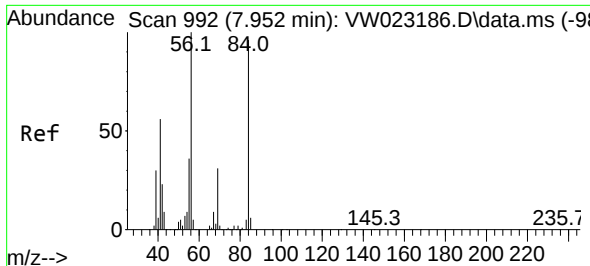
Tgt Ion: 83 Resp: 217506
Ion Ratio Lower Upper
83 100
85 66.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.878 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 62 Resp: 143276
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8





#29

Cyclohexane

Concen: 25.014 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

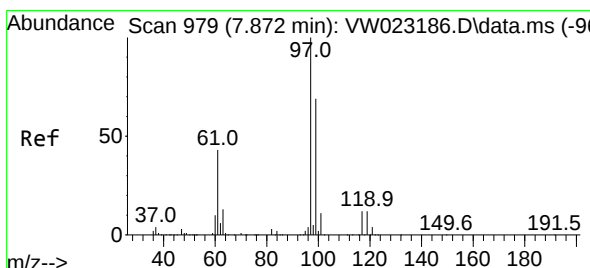
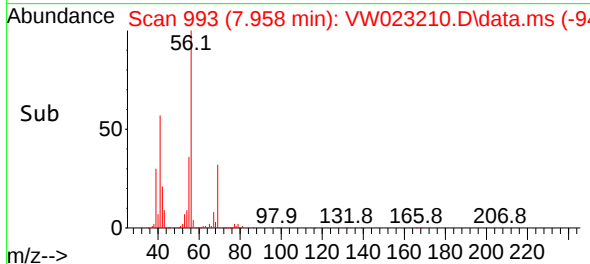
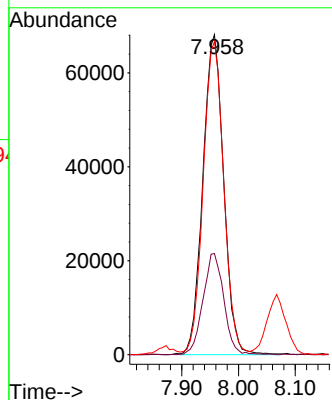
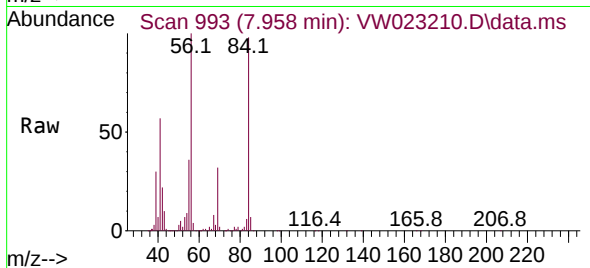
Tgt Ion: 56 Resp: 173968

Ion Ratio Lower Upper

56 100

69 31.5 25.6 38.4

84 96.4 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.517 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

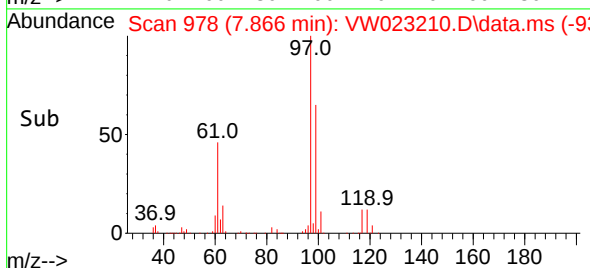
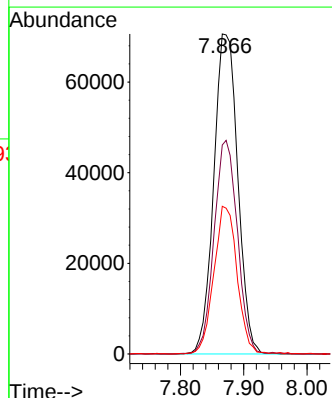
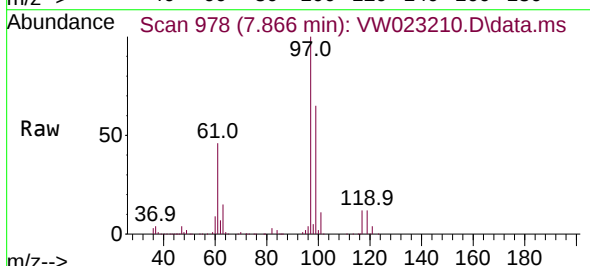
Tgt Ion: 97 Resp: 186317

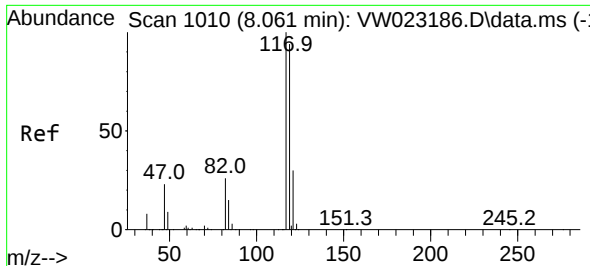
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 44.5 34.8 52.2

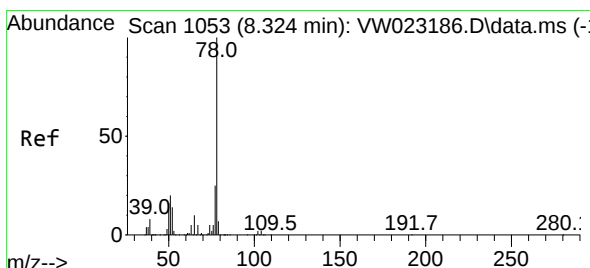
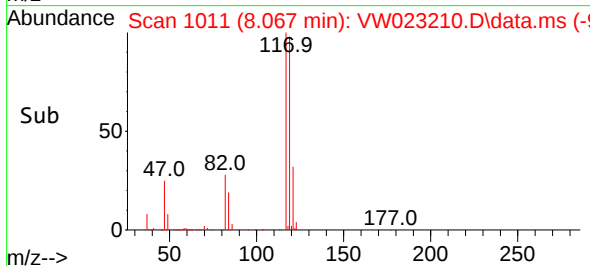
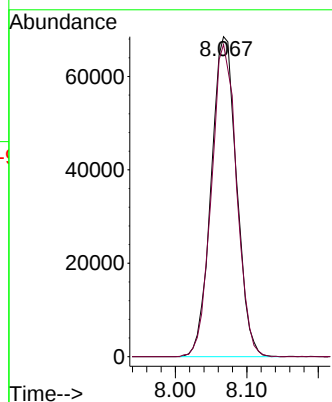
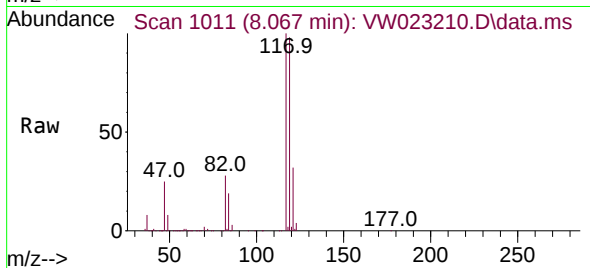




#31
Carbon tetrachloride
Concen: 23.792 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

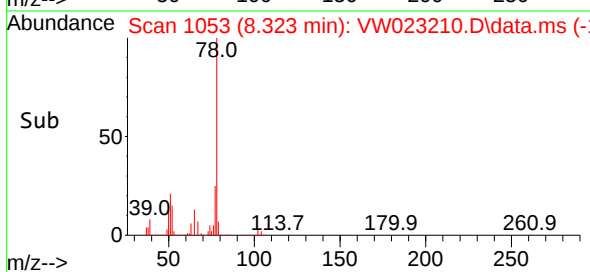
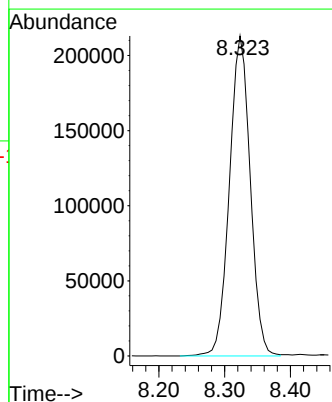
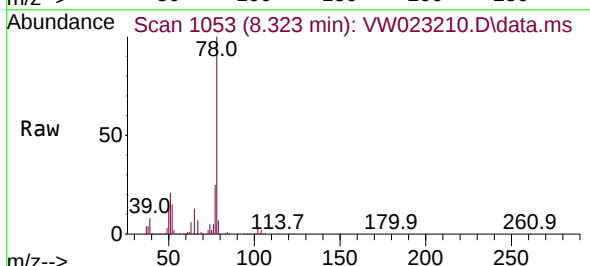
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

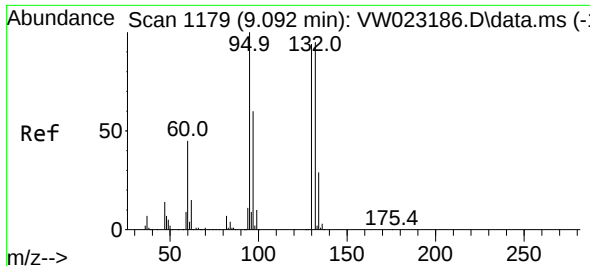
Tgt Ion:117 Resp: 169135
Ion Ratio Lower Upper
117 100
119 96.6 76.6 115.0



#33
Benzene
Concen: 24.760 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 78 Resp: 469065



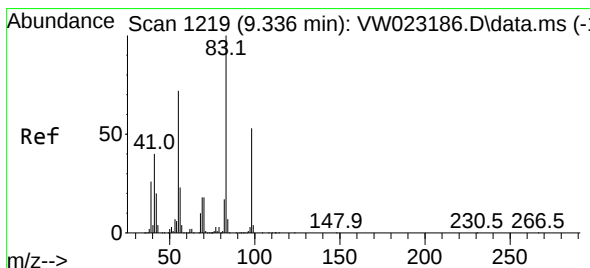
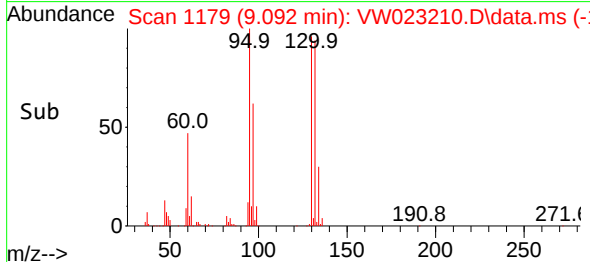
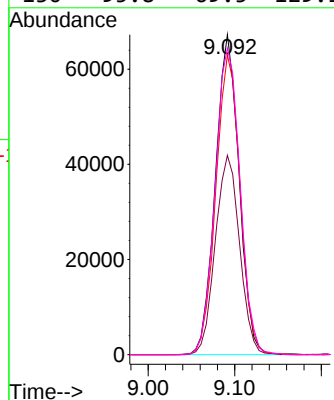
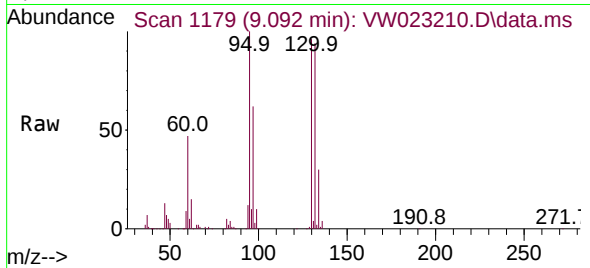


#34
Trichloroethene
Concen: 24.508 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Tgt Ion: 95 Resp: 127686

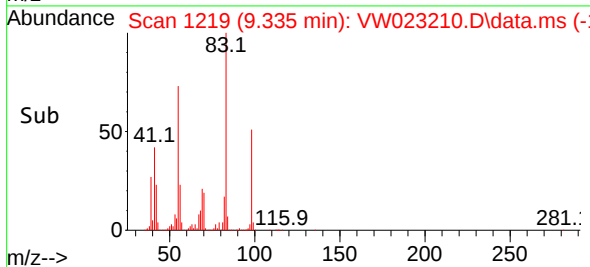
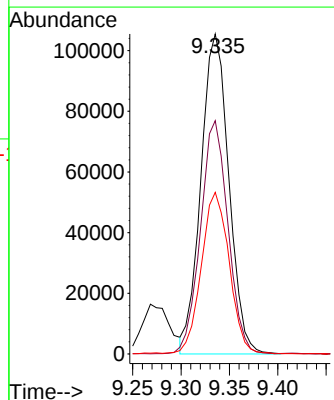
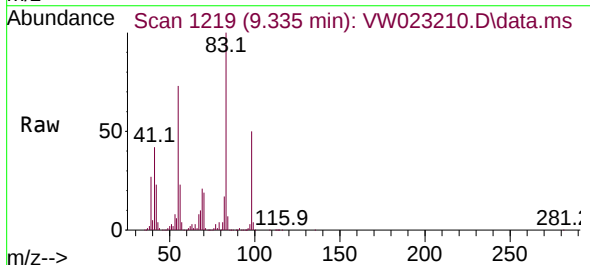
Ion	Ratio	Lower	Upper
95	100		
97	62.3	46.1	85.7
132	93.6	66.9	124.3
130	95.8	69.5	129.1

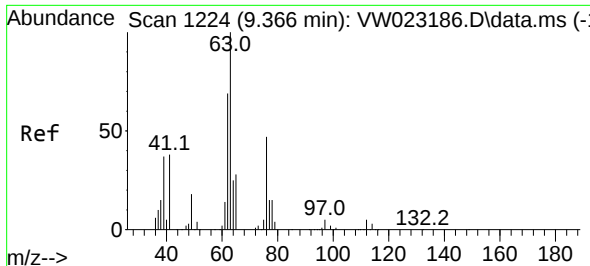


#35
Methylcyclohexane
Concen: 24.771 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 83 Resp: 212018

Ion	Ratio	Lower	Upper
83	100		
55	71.9	55.1	82.7
98	50.6	40.4	60.6





#37

1,2-Dichloropropane

Concen: 24.304 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

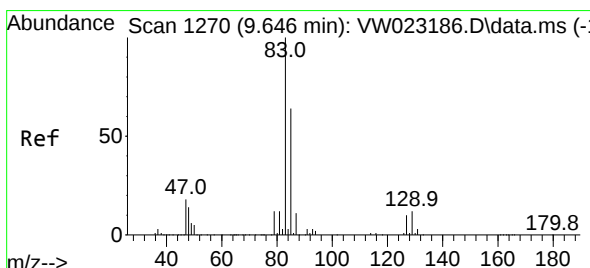
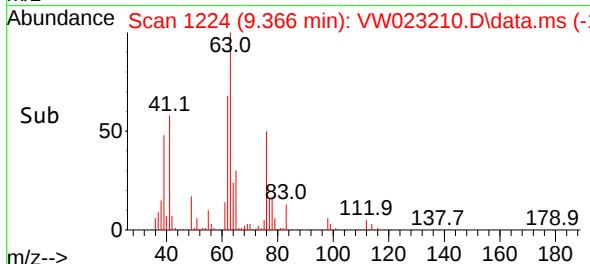
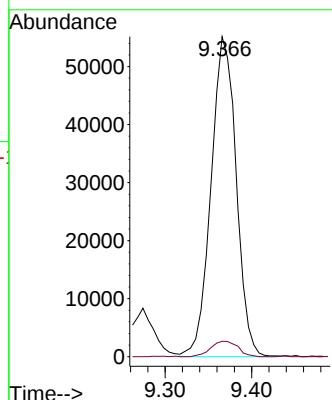
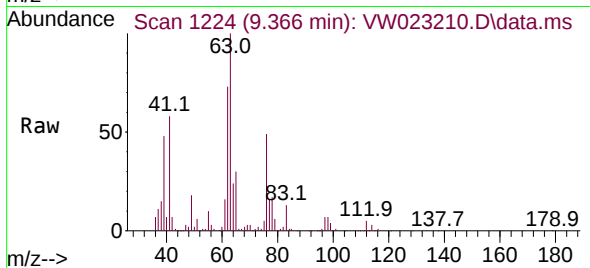
VSTD025544

Tgt Ion: 63 Resp: 111421

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 24.171 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

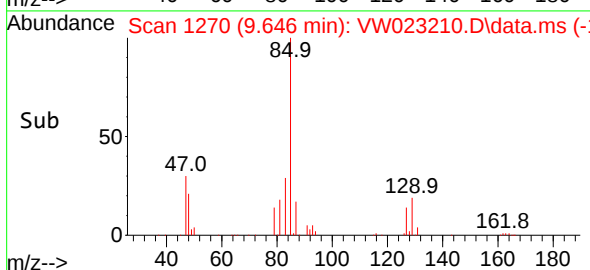
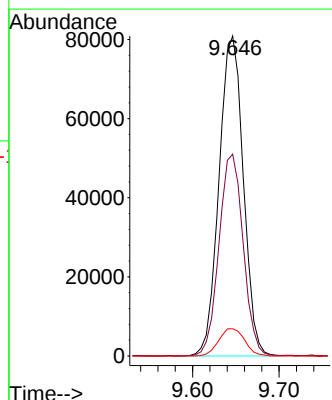
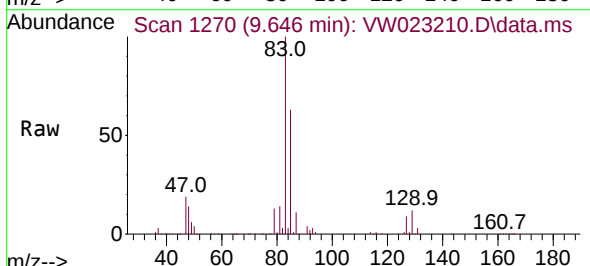
Tgt Ion: 83 Resp: 157394

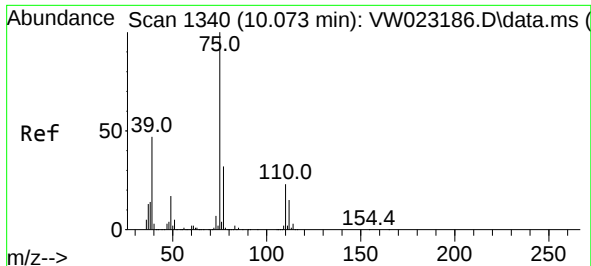
Ion Ratio Lower Upper

83 100

85 63.1 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.983 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

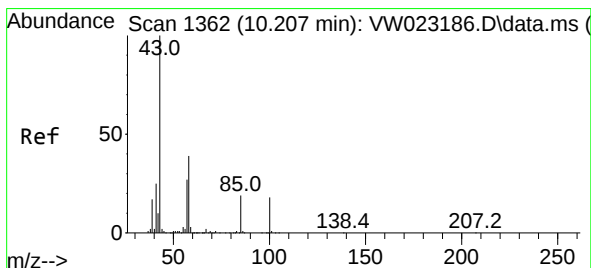
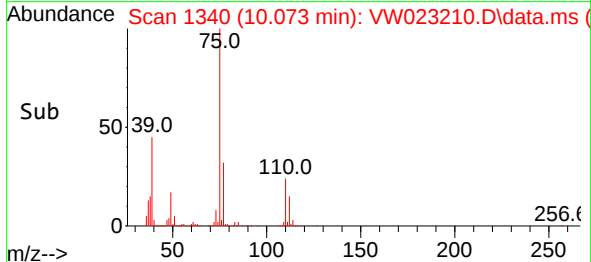
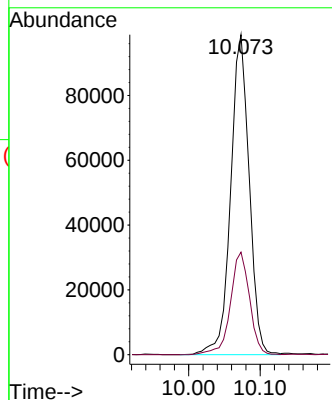
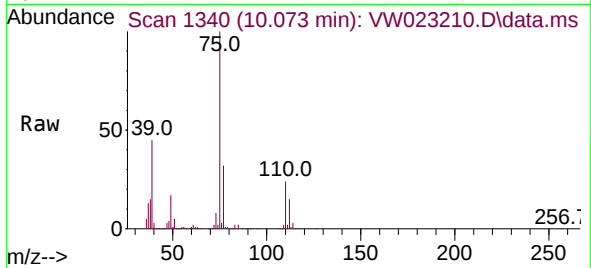
VSTD025544

Tgt Ion: 75 Resp: 177599

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 48.953 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

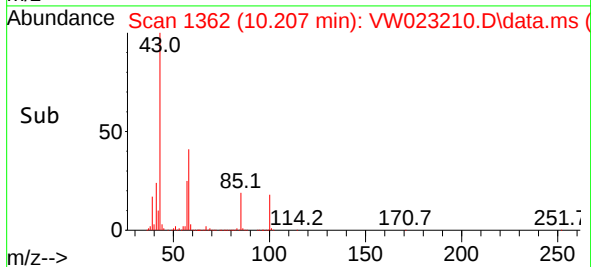
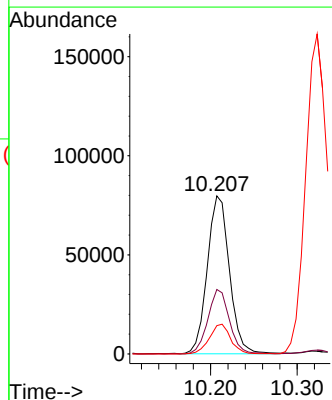
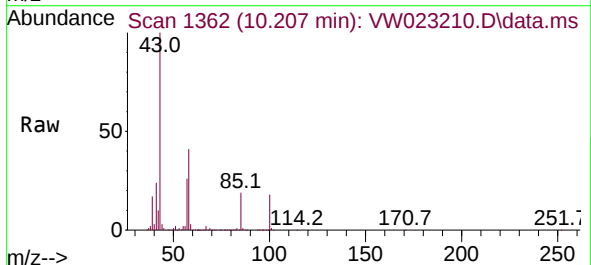
Tgt Ion: 43 Resp: 141455

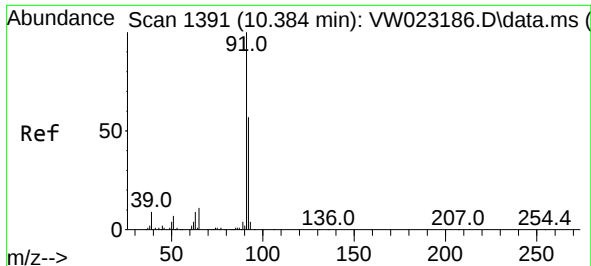
Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 18.2 14.2 21.4

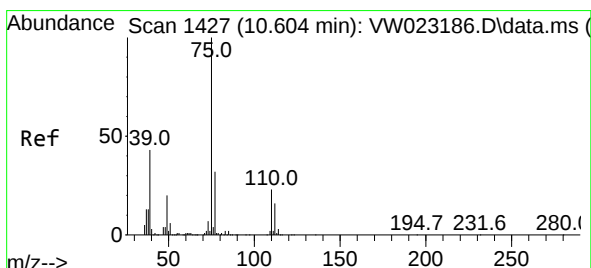
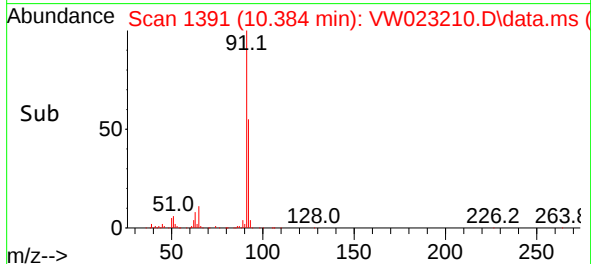
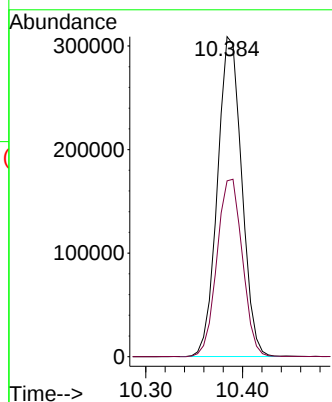
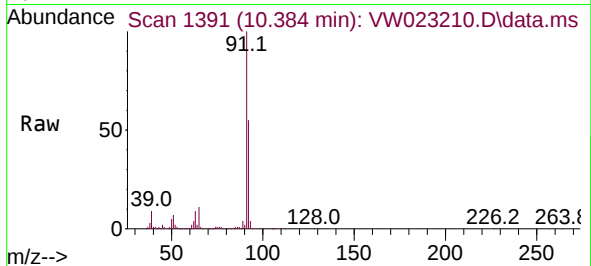




#42
Toluene
Concen: 25.348 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

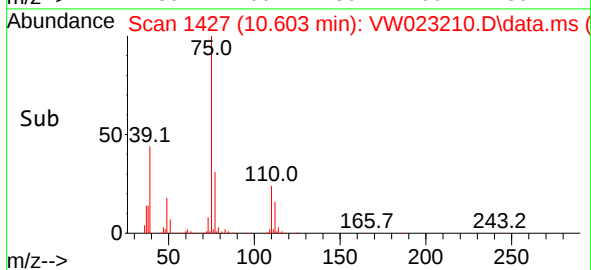
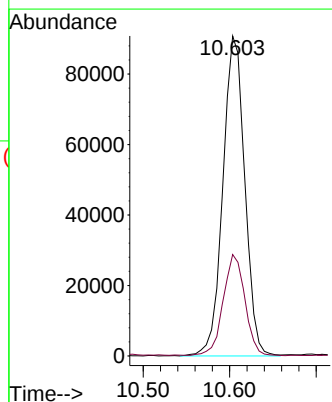
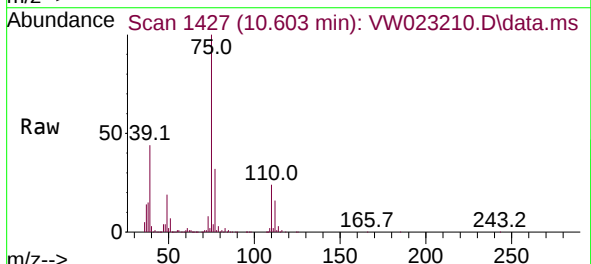
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

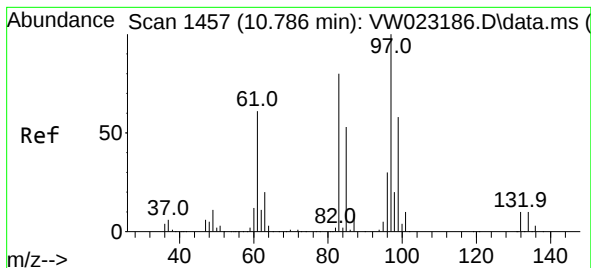
Tgt Ion: 91 Resp: 538157
Ion Ratio Lower Upper
91 100
92 55.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.140 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 75 Resp: 159511
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.318 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

Tgt Ion: 97 Resp: 97030

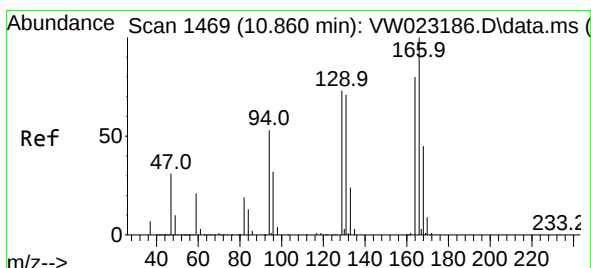
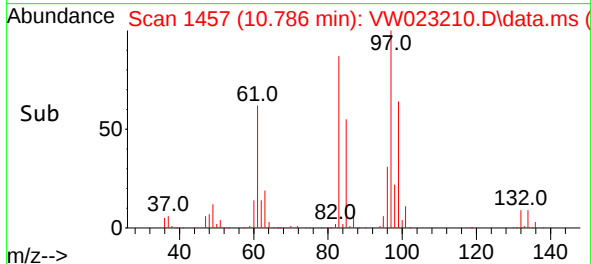
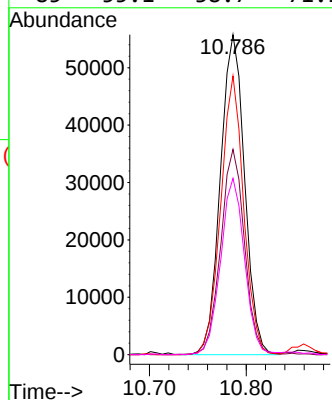
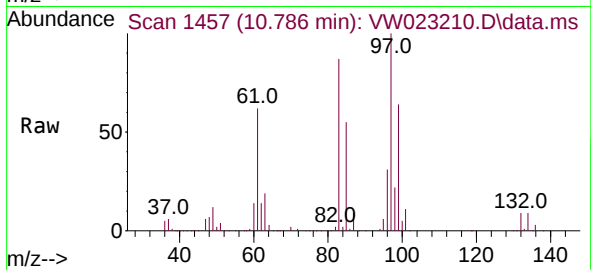
Ion Ratio Lower Upper

97 100

99 64.1 44.7 82.9

83 87.1 58.4 108.4

85 55.1 38.7 71.9



#46

Tetrachloroethene

Concen: 25.655 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Tgt Ion:164 Resp: 100449

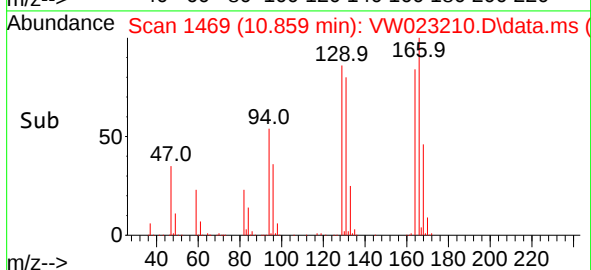
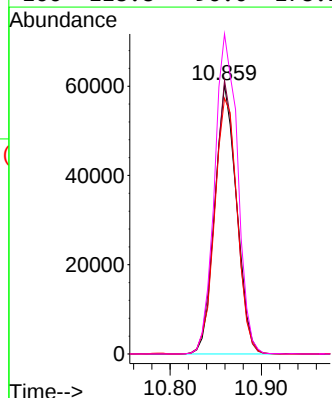
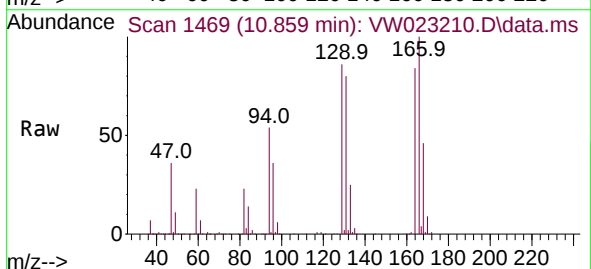
Ion Ratio Lower Upper

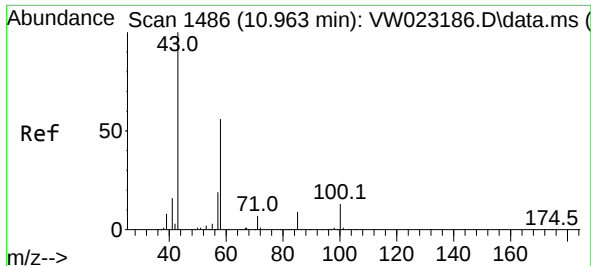
164 100

129 101.7 76.9 142.7

131 94.9 75.1 139.5

166 118.8 96.0 178.2

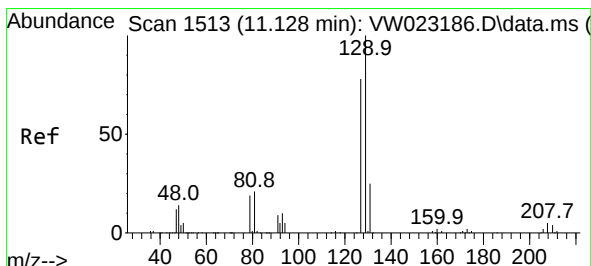
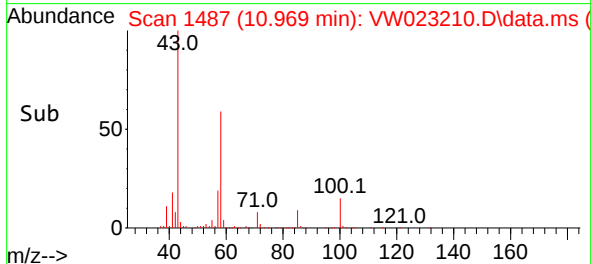
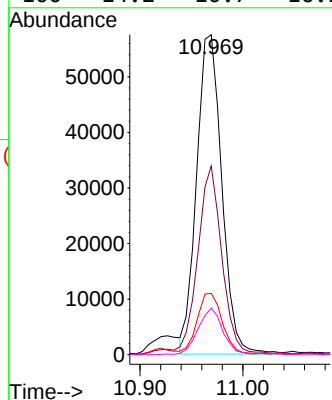
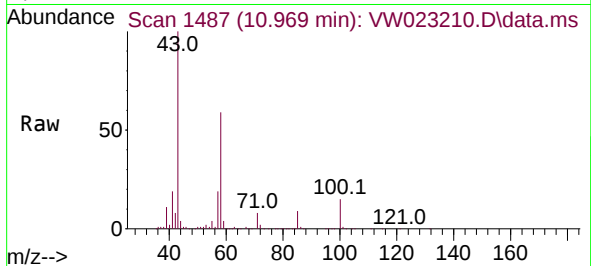




#48
2-Hexanone
Concen: 50.837 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

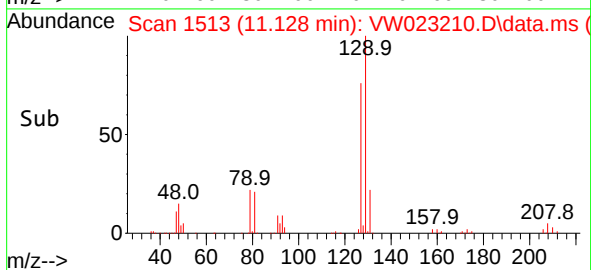
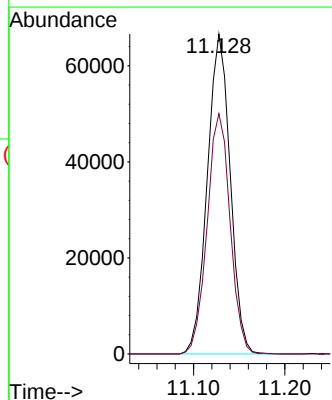
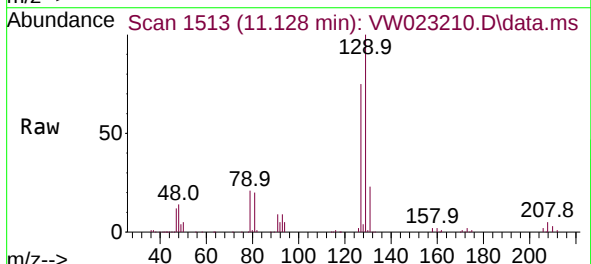
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

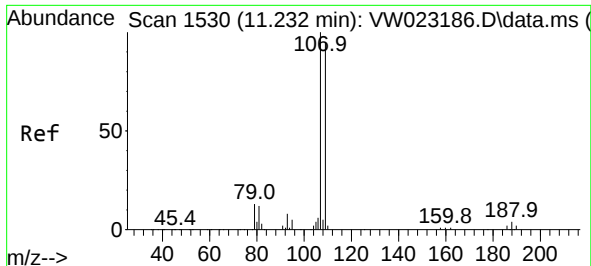
Tgt Ion: 43 Resp: 98152
Ion Ratio Lower Upper
43 100
58 56.3 45.9 68.9
57 19.6 16.2 24.2
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 25.150 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 129 Resp: 116007
Ion Ratio Lower Upper
129 100
127 75.1 53.8 100.0





#50

1,2-Dibromoethane

Concen: 24.988 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

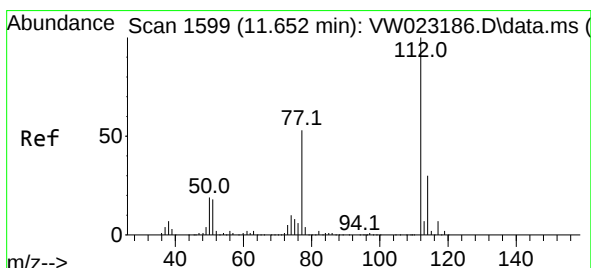
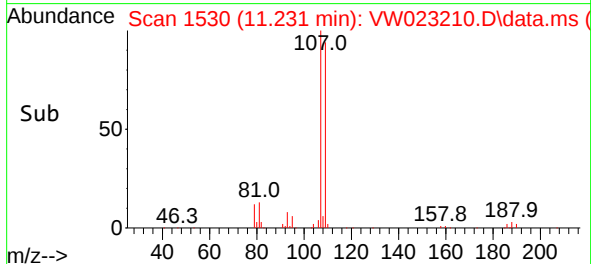
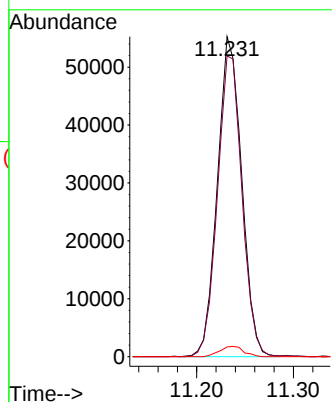
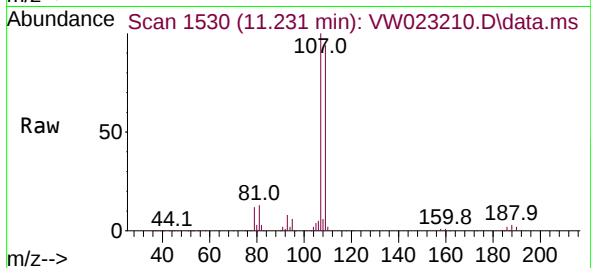
Tgt Ion:107 Resp: 96161

Ion Ratio Lower Upper

107 100

109 94.0 67.5 125.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 25.100 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

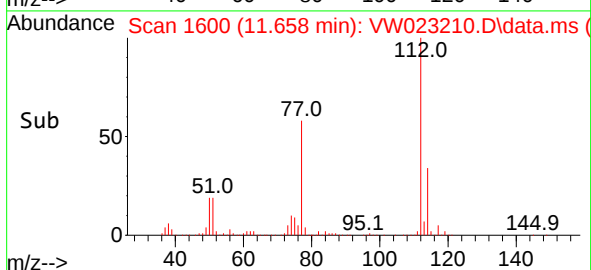
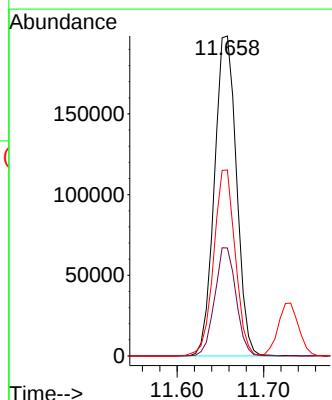
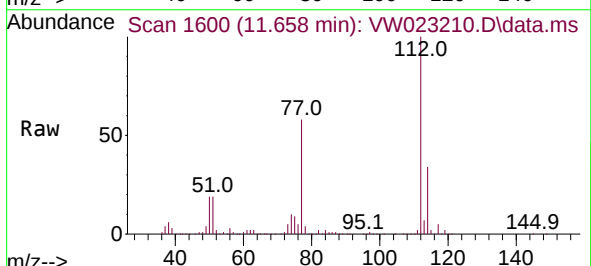
Tgt Ion:112 Resp: 351314

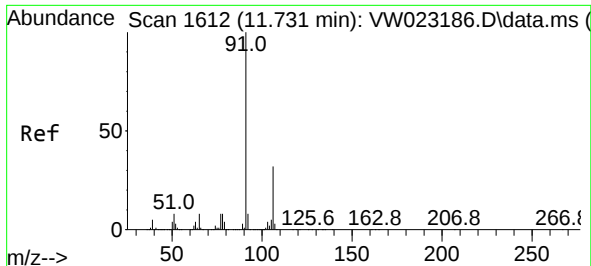
Ion Ratio Lower Upper

112 100

114 33.8 22.0 41.0

77 58.1 42.6 63.8

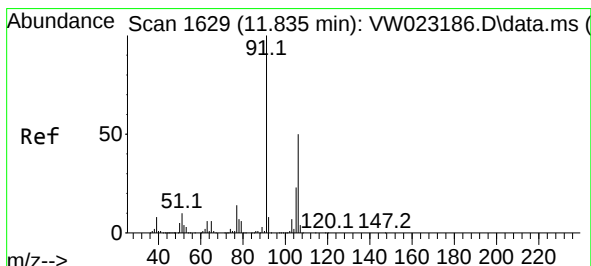
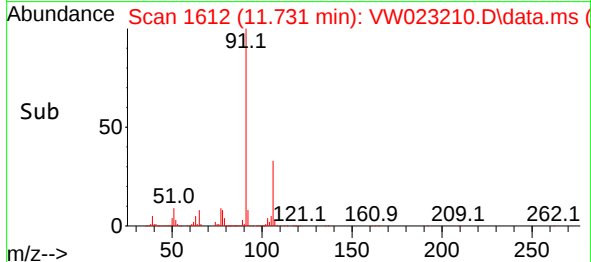
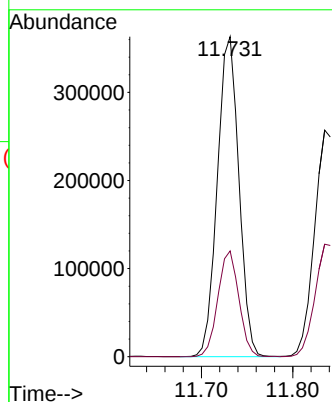
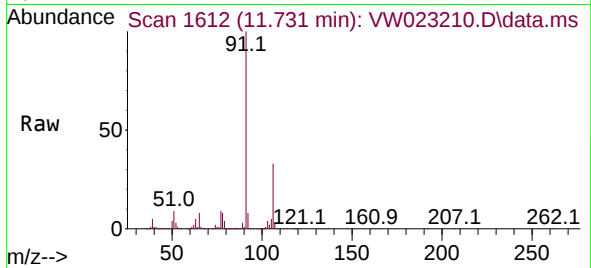




#52
Ethylbenzene
Concen: 25.211 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

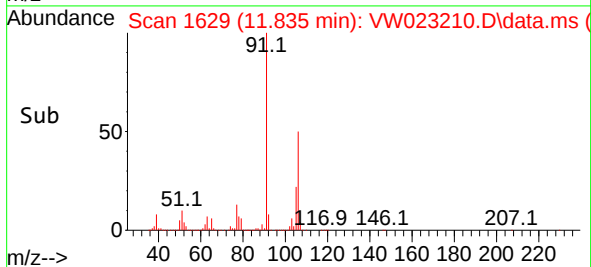
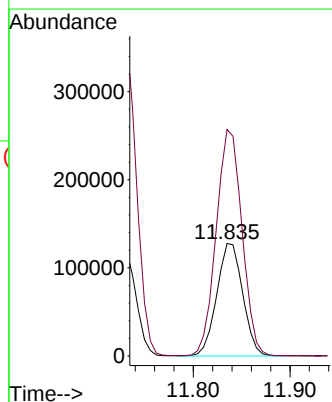
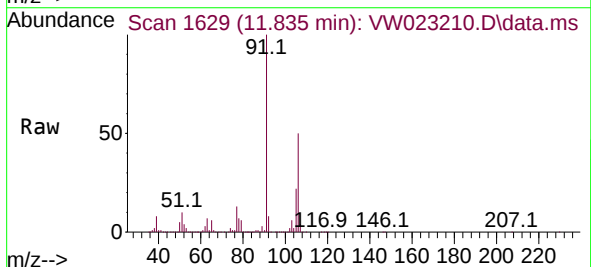
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

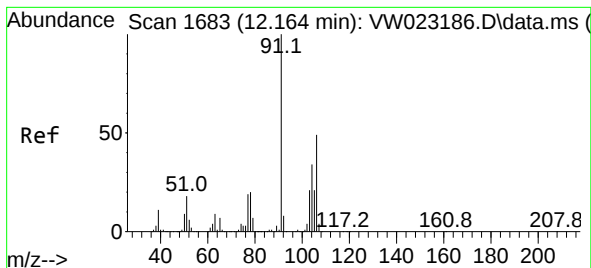
Tgt Ion: 91 Resp: 595494
Ion Ratio Lower Upper
91 100
106 33.1 22.3 41.3



#53
m,p-Xylene
Concen: 25.473 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion: 106 Resp: 237075
Ion Ratio Lower Upper
106 100
91 201.6 136.8 254.0





#54

o-Xylene

Concen: 25.576 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

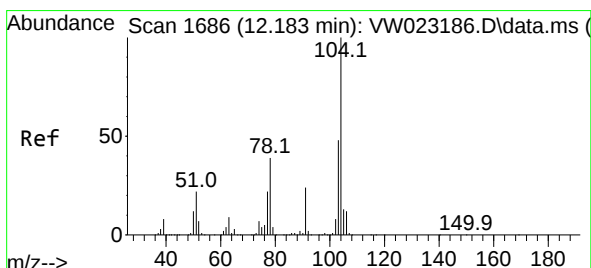
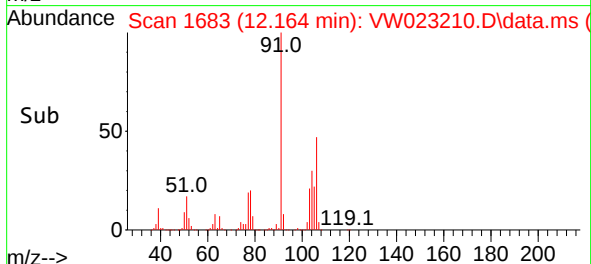
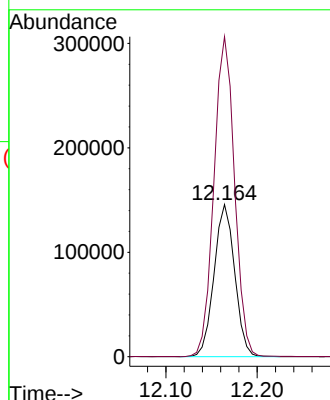
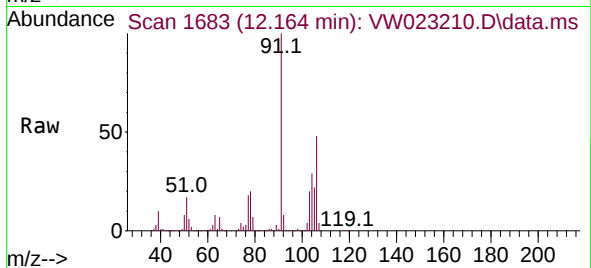
VSTD025544

Tgt Ion:106 Resp: 228420

Ion Ratio Lower Upper

106 100

91 210.2 147.2 273.4



#55

Styrene

Concen: 25.940 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023210.D

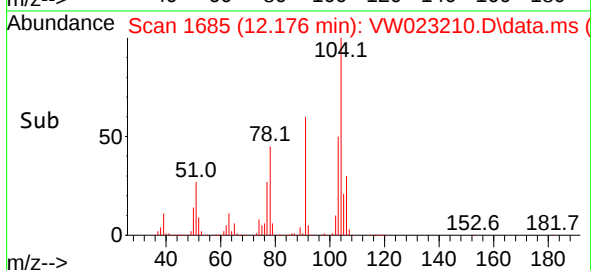
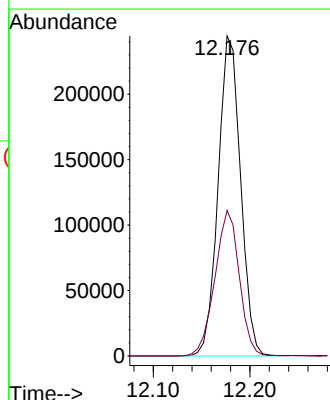
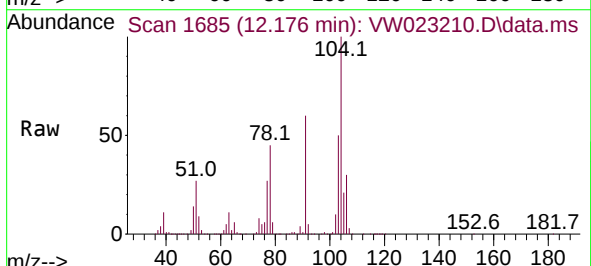
Acq: 20 May 2022 20:11

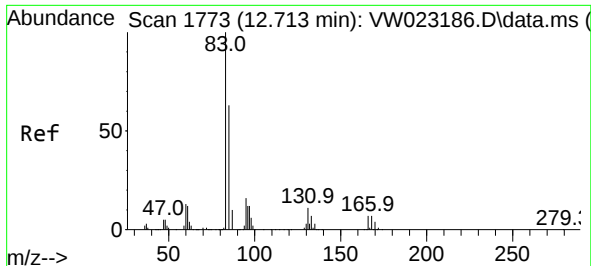
Tgt Ion:104 Resp: 393657

Ion Ratio Lower Upper

104 100

78 45.5 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.594 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

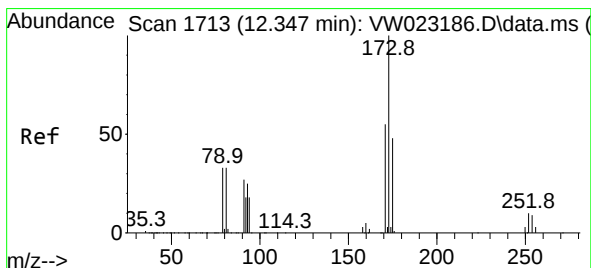
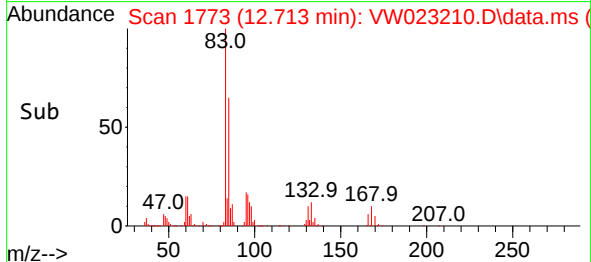
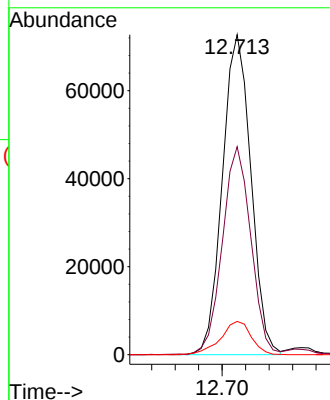
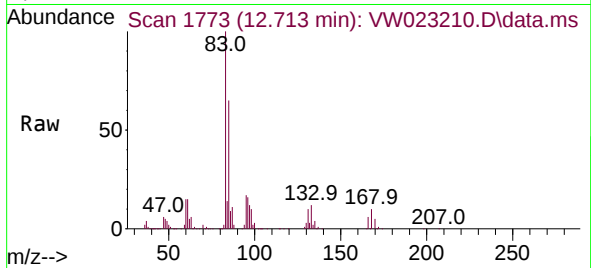
Tgt Ion: 83 Resp: 122515

Ion Ratio Lower Upper

83 100

85 65.0 47.5 88.1

131 10.4 8.7 13.1



#59

Bromoform

Concen: 25.339 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

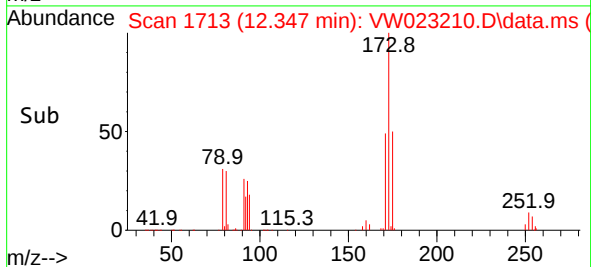
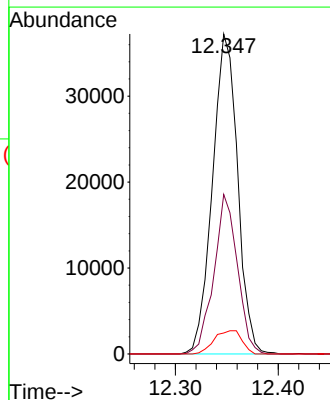
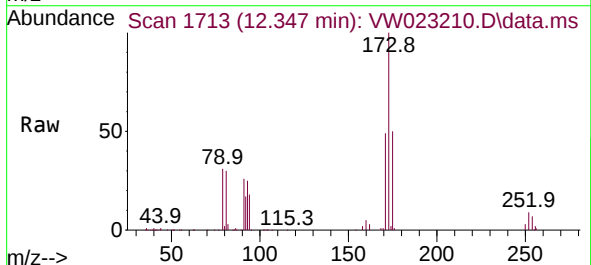
Tgt Ion:173 Resp: 63258

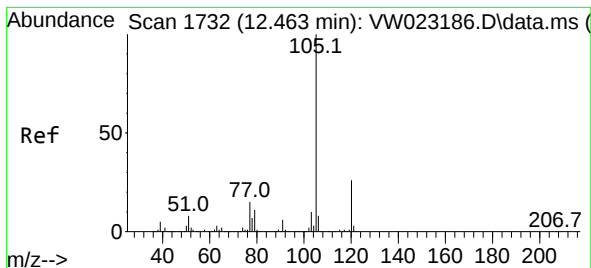
Ion Ratio Lower Upper

173 100

175 46.6 38.1 57.1

254 8.1 6.5 9.7





#60

Isopropylbenzene

Concen: 25.567 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

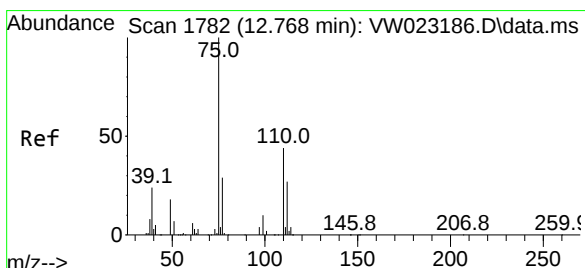
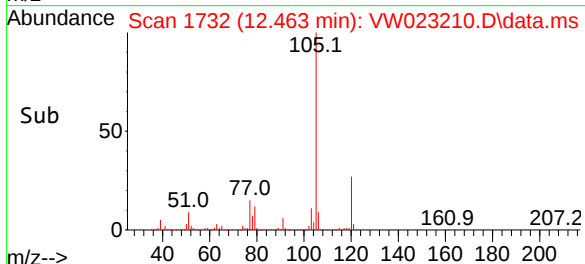
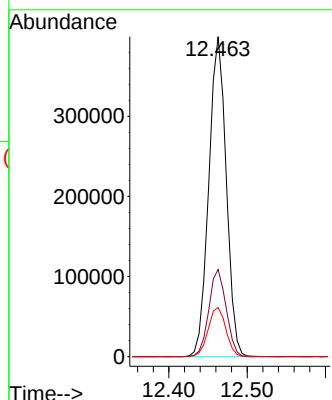
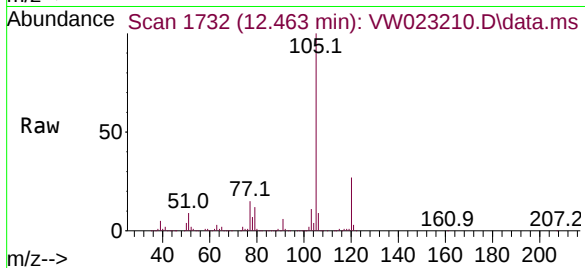
Tgt Ion:105 Resp: 616989

Ion Ratio Lower Upper

105 100

120 27.0 21.3 31.9

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 25.000 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

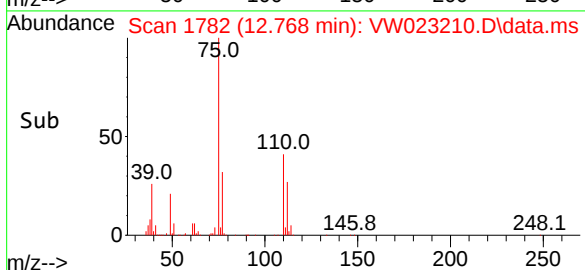
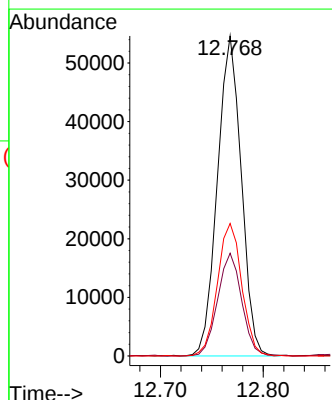
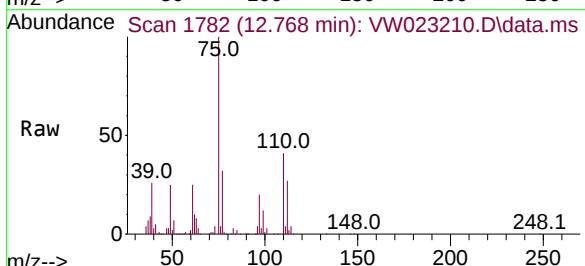
Tgt Ion: 75 Resp: 87994

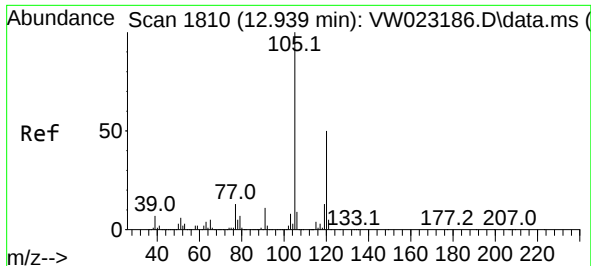
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 42.1 34.1 51.1

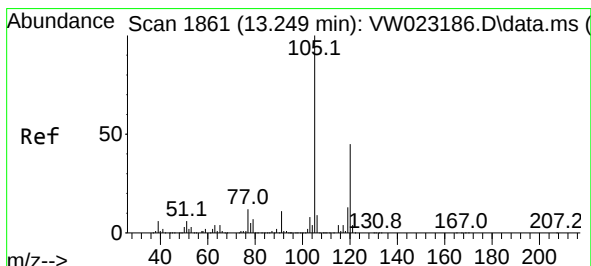
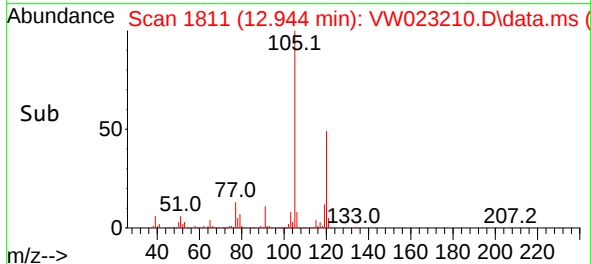
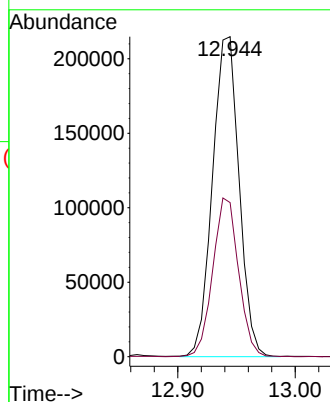
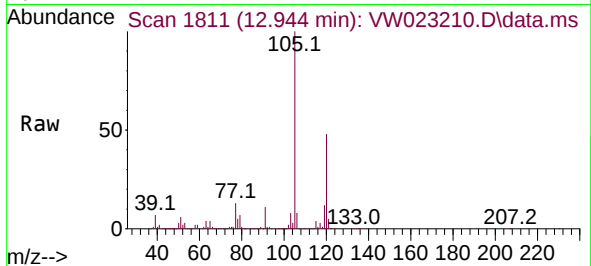




#62
1,3,5-Trimethylbenzene
Concen: 25.180 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

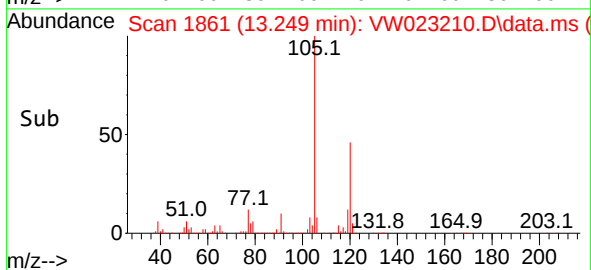
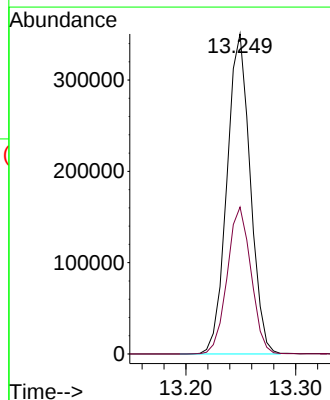
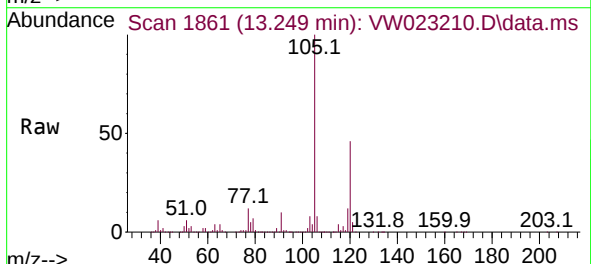
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

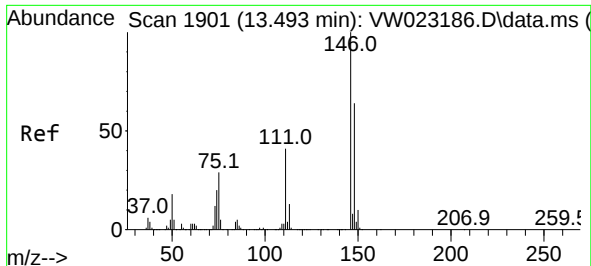
Tgt Ion:105 Resp: 338067
Ion Ratio Lower Upper
105 100
120 48.2 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.666 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion:105 Resp: 517398
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.2

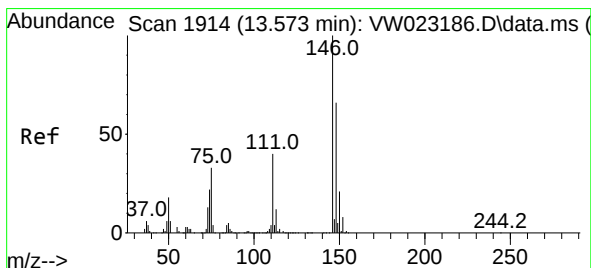
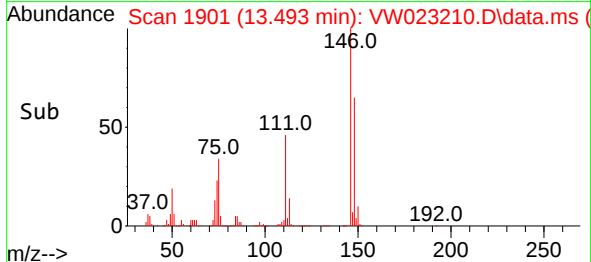
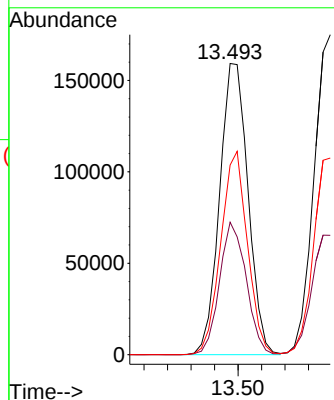
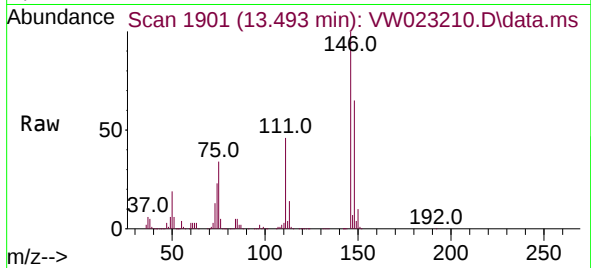




#64
1,3-Dichlorobenzene
Concen: 24.871 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

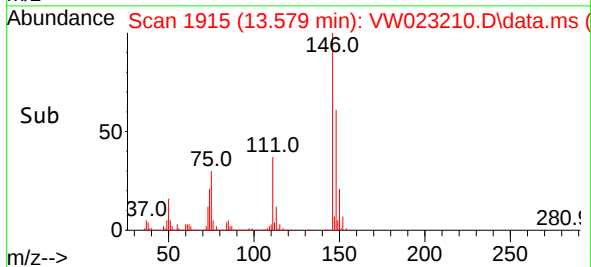
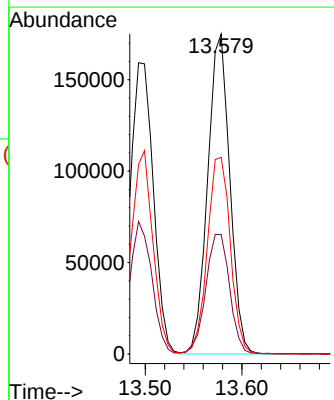
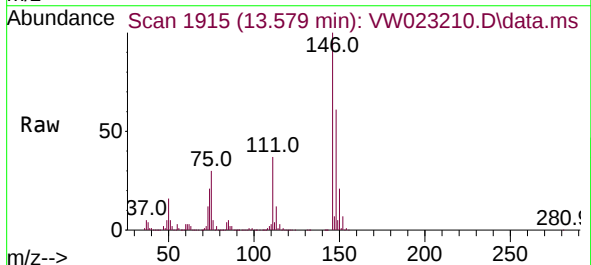
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

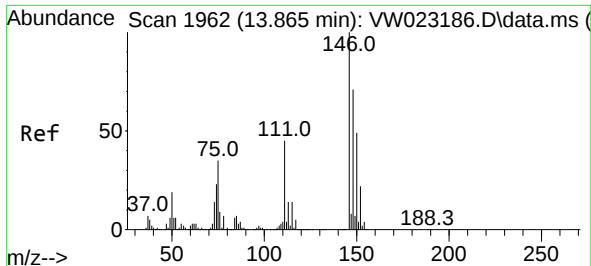
Tgt Ion:146 Resp: 267968
Ion Ratio Lower Upper
146 100
111 45.5 29.5 54.9
148 65.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.051 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion:146 Resp: 278787
Ion Ratio Lower Upper
146 100
111 37.3 27.2 50.4
148 61.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.028 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

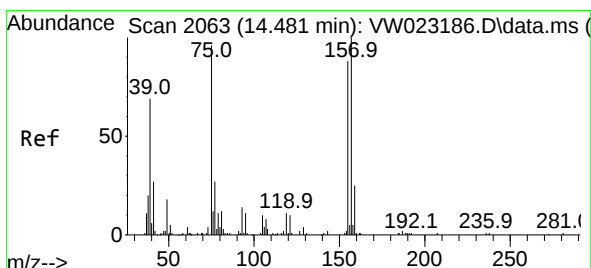
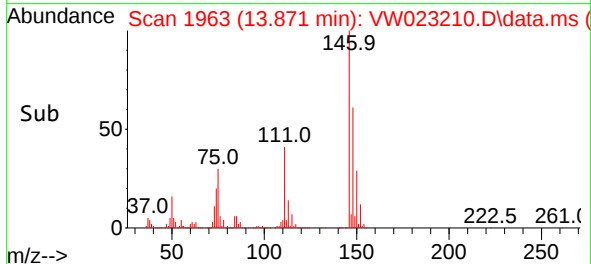
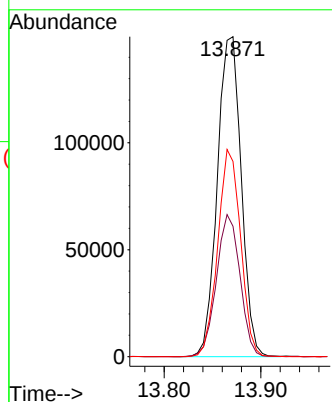
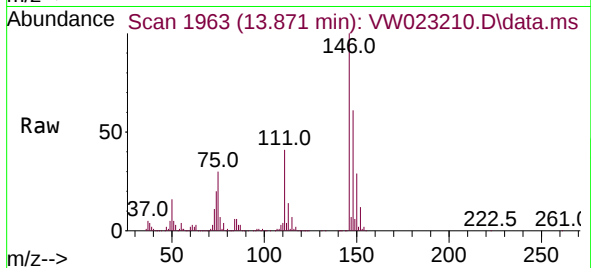
Tgt Ion:146 Resp: 256626

Ion Ratio Lower Upper

146 100

111 40.8 35.7 53.5

148 61.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.645 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023210.D

Acq: 20 May 2022 20:11

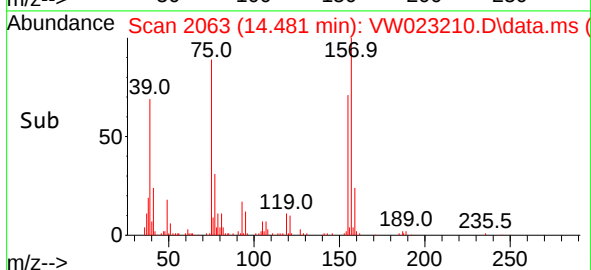
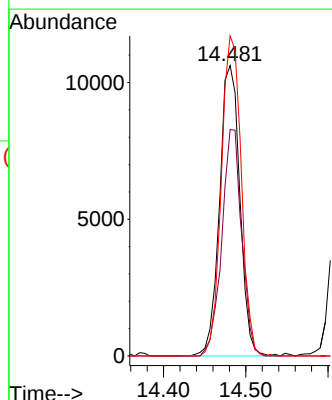
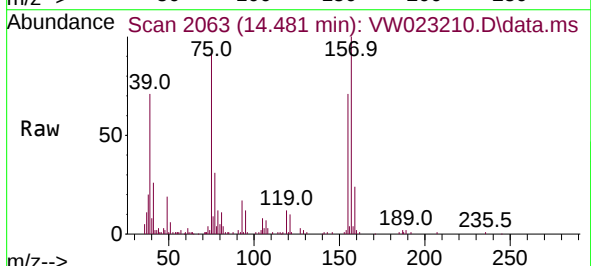
Tgt Ion: 75 Resp: 18189

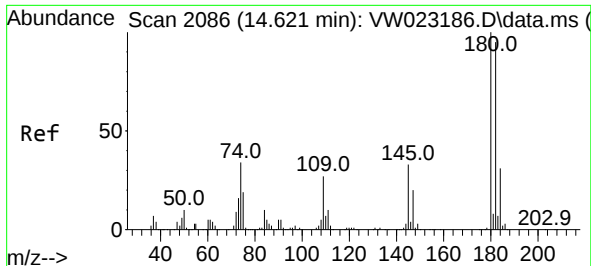
Ion Ratio Lower Upper

75 100

155 78.0 59.3 88.9

157 110.2 89.8 134.8

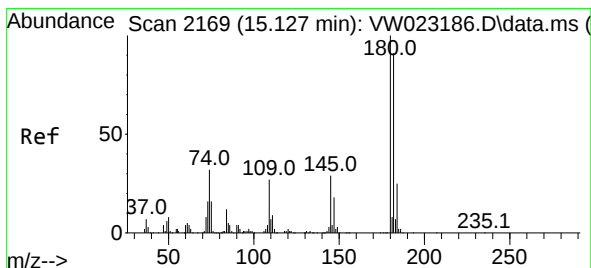
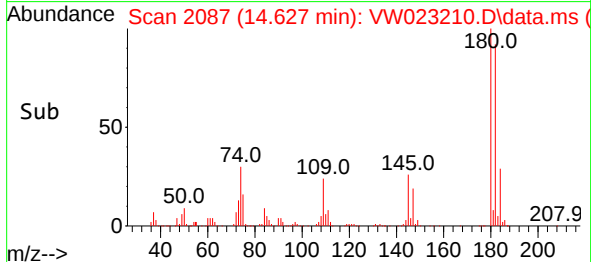
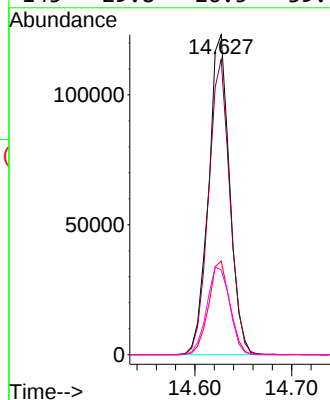
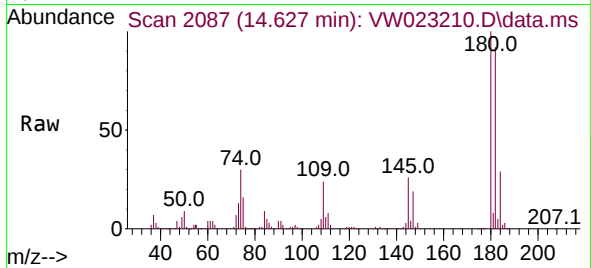




#69
 1,3,5-Trichlorobenzene
 Concen: 26.033 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW023210.D
 Acq: 20 May 2022 20:11

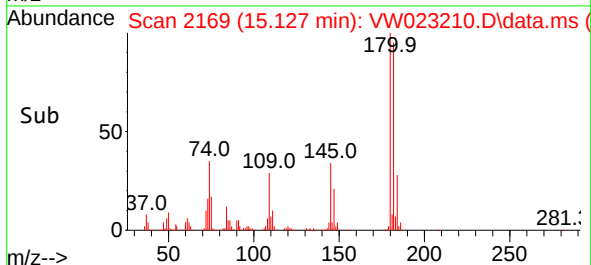
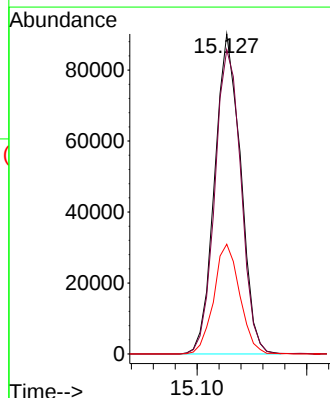
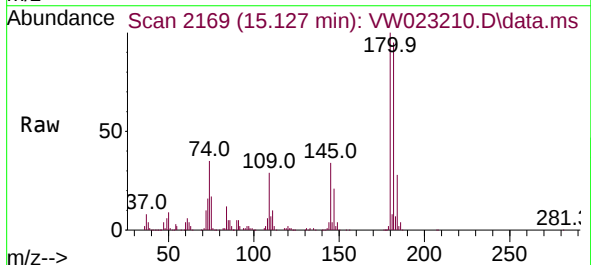
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

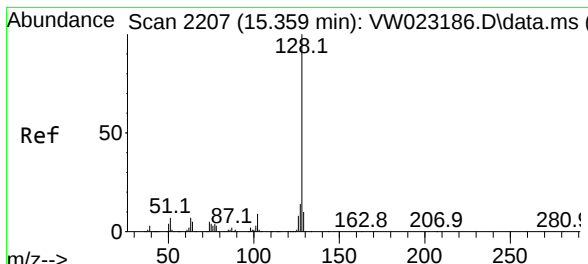
Tgt Ion:180	Resp:	186190
Ion Ratio	Lower	Upper
180	100	
182	93.3	74.8 112.2
184	29.5	23.4 35.2
145	29.8	26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.794 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023210.D
 Acq: 20 May 2022 20:11

Tgt Ion:180	Resp:	148393
Ion Ratio	Lower	Upper
180	100	
182	95.9	74.9 112.3
145	34.3	26.6 39.8

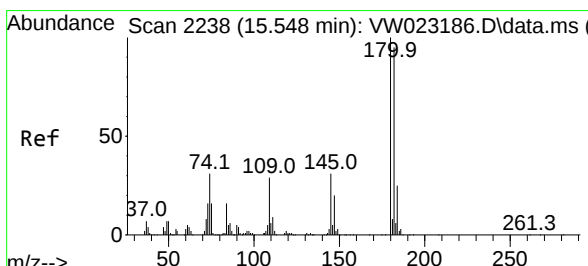
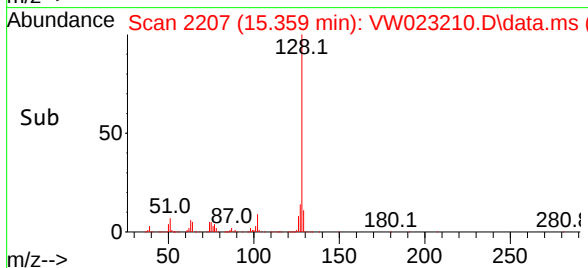
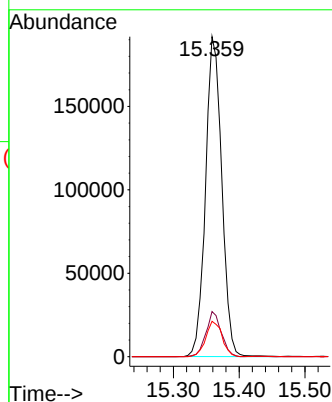
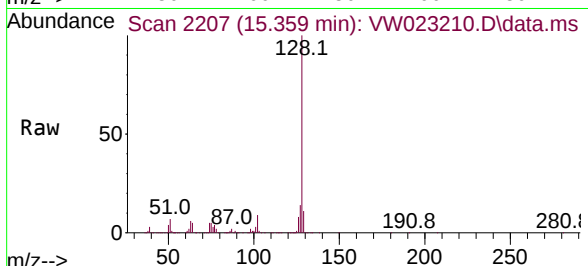




#71
Naphthalene
Concen: 26.346 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Tgt Ion:128 Resp: 329441
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.479 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW023210.D
Acq: 20 May 2022 20:11

Tgt Ion:180 Resp: 135014
Ion Ratio Lower Upper
180 100
182 95.6 73.5 110.3
145 34.3 27.9 41.9

