

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023084.D
 Acq On : 17 May 2022 04:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: May 17 06:02:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 02:41:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	332064	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	186071	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	154283	22.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
7) Chloroethane-d5	2.885	69	114218	25.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.080%
11) 1,1-Dichloroethene-d2	4.025	63	189714	21.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.200%
21) 2-Butanone-d5	7.080	46	68993	53.263	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.520%
24) Chloroform-d	7.653	84	263036	27.037	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.160%
26) 1,2-Dichloroethane-d4	8.305	65	144462	27.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.280%
32) Benzene-d6	8.275	84	507585	25.735	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	9.274	67	147093	26.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.200%
41) Toluene-d8	10.323	98	500247	26.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.040%
43) trans-1,3-Dichloroprop...	10.579	79	64512	25.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.160%
47) 2-Hexanone-d5	10.927	63	58462	55.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	142055	27.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	191040	29.371	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	33346	18.421	ug/L	93
3) Chloromethane	2.221	50	73337	20.965	ug/L	99
5) Vinyl chloride	2.361	62	130502	18.590	ug/L	98
6) Bromomethane	2.776	94	82908	18.394	ug/L	99
8) Chloroethane	2.922	64	70250	20.747	ug/L	92
9) Trichlorofluoromethane	3.251	101	51166	15.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	98864	20.607	ug/L	98
12) 1,1-Dichloroethene	4.044	96	83484	19.629	ug/L	88
13) Acetone	4.123	43	34094	35.156	ug/L	97
14) Carbon disulfide	4.385	76	168427	14.445	ug/L	98
15) Methyl Acetate	4.678	43	42951	22.045	ug/L	97
16) Methylene chloride	4.922	84	112667	23.188	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	94975	19.844	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	180946	24.766	ug/L	99
19) 1,1-Dichloroethane	6.220	63	182958	22.555	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	118553	23.062	ug/L #	100
22) 2-Butanone	7.171	43	61233	45.149	ug/L	97
23) Bromochloromethane	7.519	128	55168	22.915	ug/L	91
25) Chloroform	7.677	83	213516	23.805	ug/L	95

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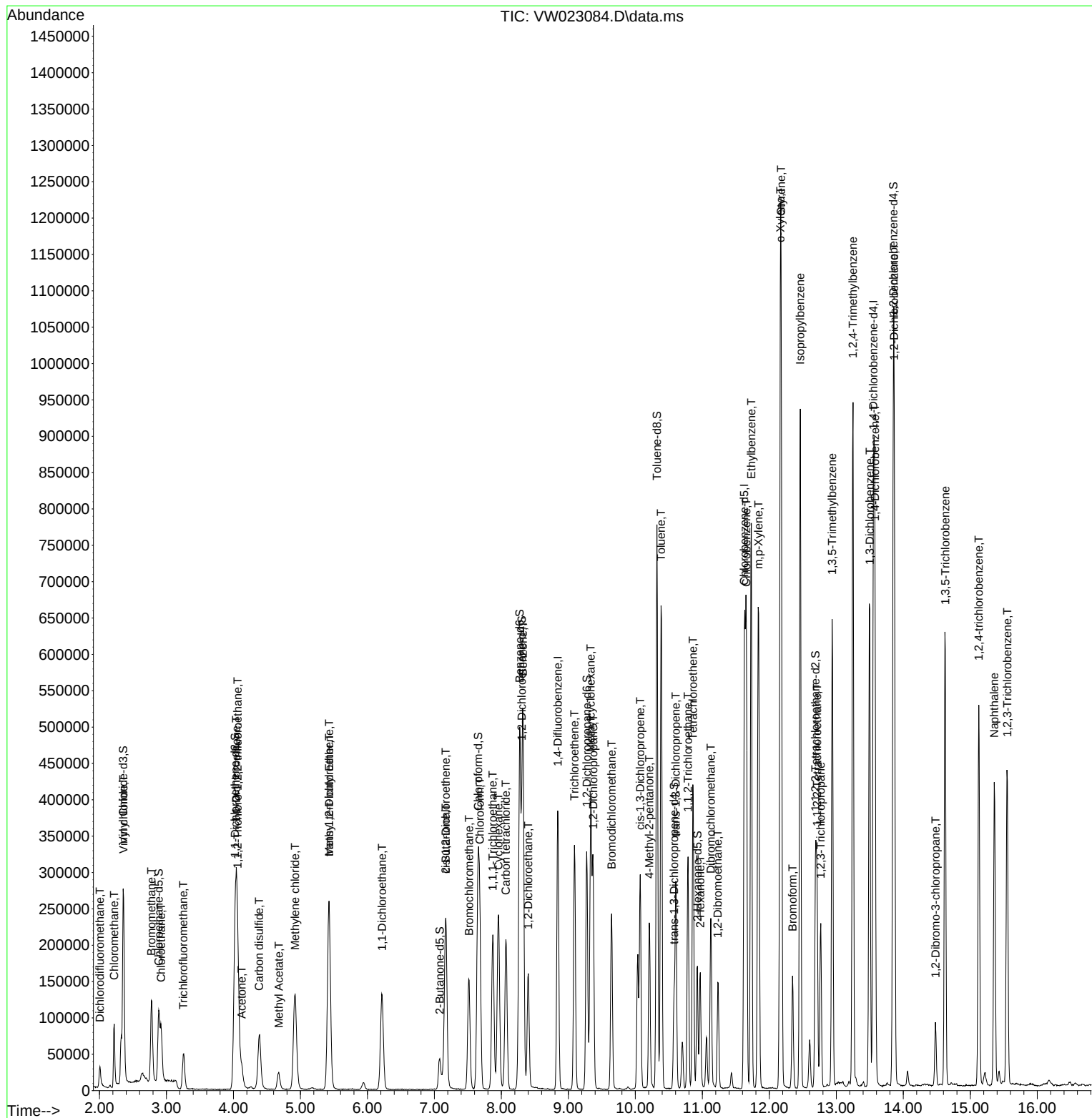
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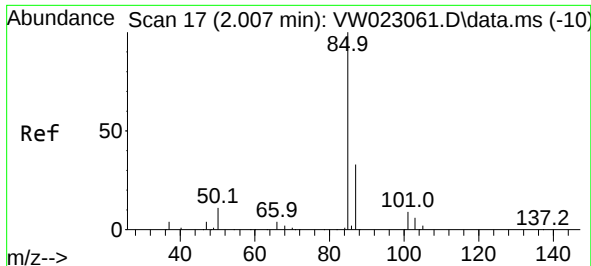
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	139169	23.276	ug/L	97
29) Cyclohexane	7.958	56	133724	18.070	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	170049	21.029	ug/L	99
31) Carbon tetrachloride	8.067	117	152597	20.173	ug/L	99
33) Benzene	8.323	78	421180	20.894	ug/L	100
34) Trichloroethene	9.091	95	113980	20.560	ug/L	96
35) Methylcyclohexane	9.335	83	165310	18.151	ug/L	97
37) 1,2-Dichloropropane	9.372	63	107490	22.035	ug/L	99
38) Bromodichloromethane	9.646	83	157420	22.719	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	165320	21.856	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	142916	46.481	ug/L	99
42) Toluene	10.384	91	491573	21.759	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	149519	22.146	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	96518	23.668	ug/L	99
46) Tetrachloroethene	10.859	164	85434	20.506	ug/L	94
48) 2-Hexanone	10.969	43	97039	47.234	ug/L	99
49) Dibromochloromethane	11.128	129	119038	24.253	ug/L	95
50) 1,2-Dibromoethane	11.231	107	93665	22.874	ug/L	96
51) Chlorobenzene	11.658	112	341599	22.936	ug/L	99
52) Ethylbenzene	11.731	91	556208	22.130	ug/L	97
53) m,p-Xylene	11.841	106	225928	22.814	ug/L	97
54) o-Xylene	12.164	106	221744	23.334	ug/L	96
55) Styrene	12.176	104	376677	23.326	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121440	23.842	ug/L	99
59) Bromoform	12.347	173	62304	23.627	ug/L	99
60) Isopropylbenzene	12.463	105	597802	23.452	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88042	23.681	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	336794	23.749	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	511956	24.042	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	272252	23.922	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	277267	23.586	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	264529	25.400	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19149	23.567	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	181138	23.977	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	152150	25.037	ug/L	97
71) Naphthalene	15.359	128	357498	27.066	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	139353	25.873	ug/L	95

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

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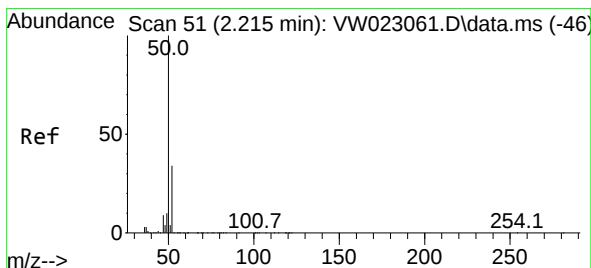
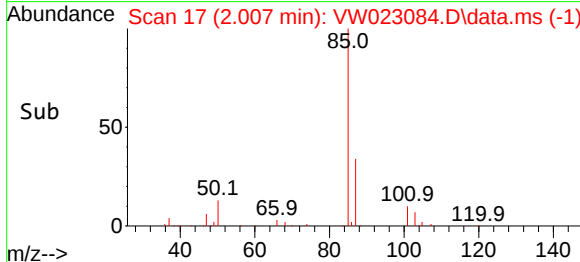
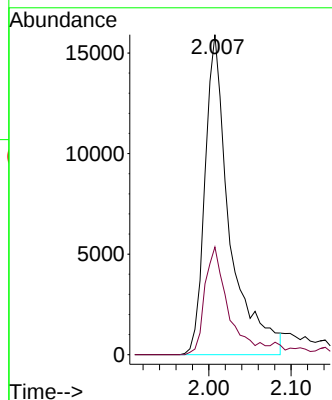
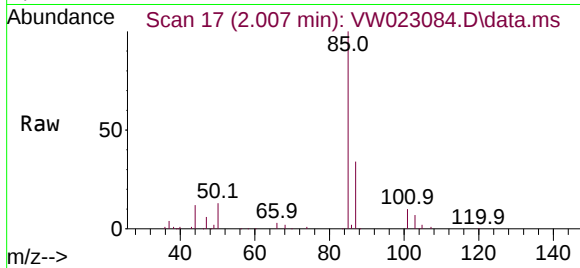




#2
Dichlorodifluoromethane
Concen: 18.421 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

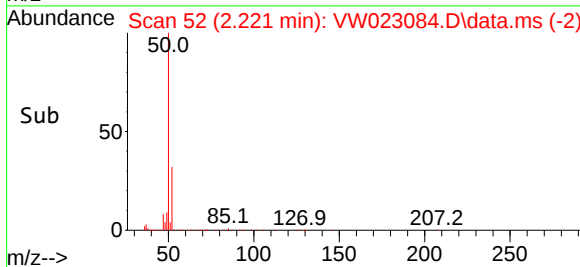
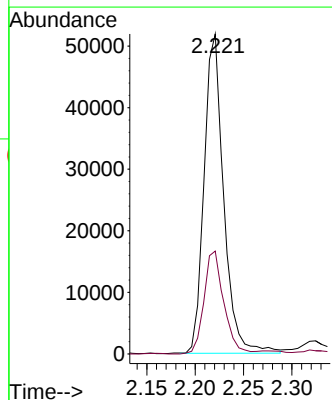
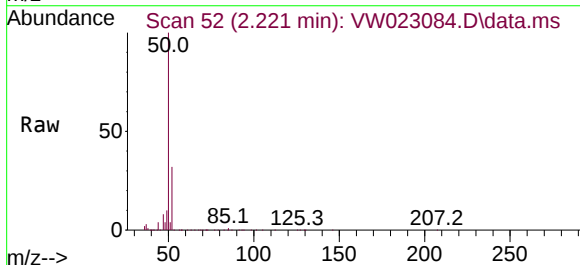
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

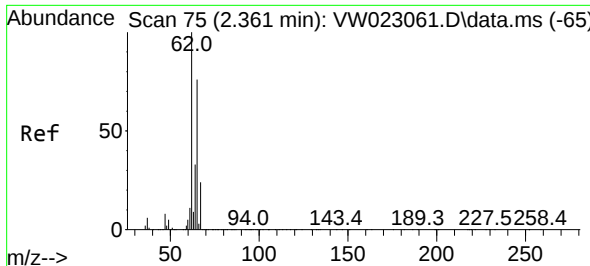
Tgt Ion: 85 Resp: 33346
Ion Ratio Lower Upper
85 100
87 30.8 27.8 41.8



#3
Chloromethane
Concen: 20.965 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 50 Resp: 73337
Ion Ratio Lower Upper
50 100
52 32.2 23.1 42.9

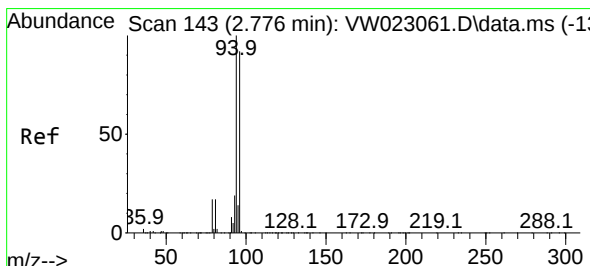
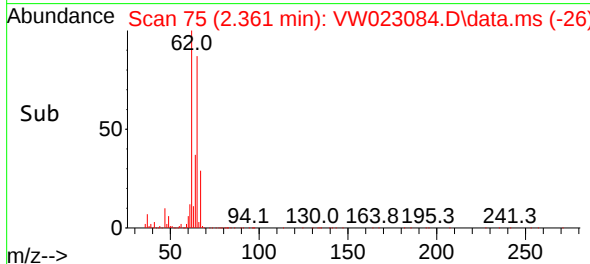
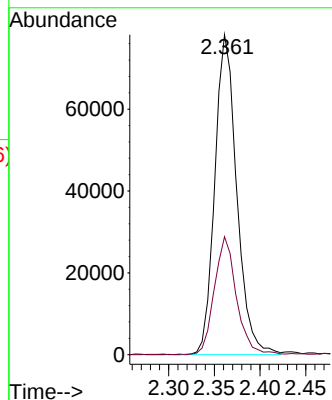
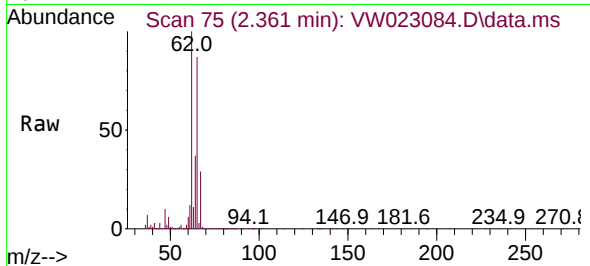




#5
 Vinyl chloride
 Concen: 18.590 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023084.D
 Acq: 17 May 2022 04:44

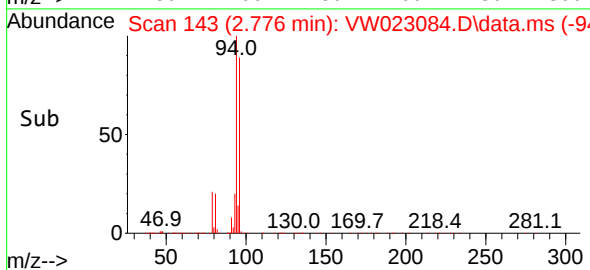
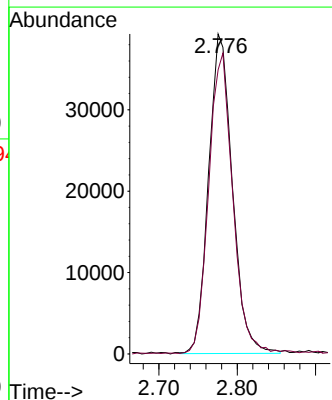
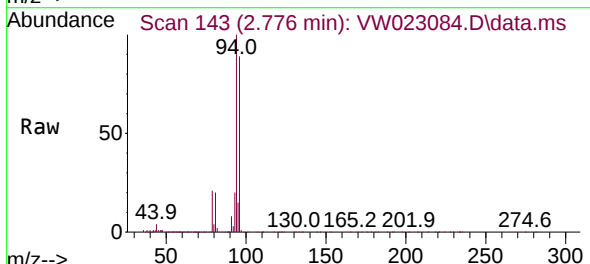
Instrument :
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 ClientSampleId :
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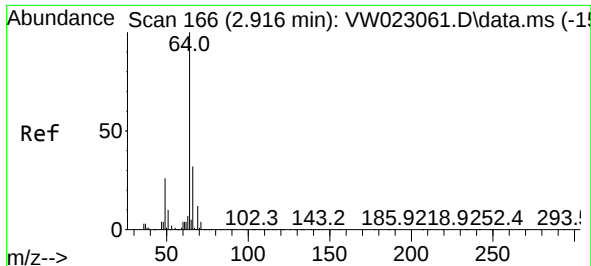
Tgt Ion: 62 Resp: 130502
 Ion Ratio Lower Upper
 62 100
 64 36.8 24.9 46.3



#6
 Bromomethane
 Concen: 18.394 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023084.D
 Acq: 17 May 2022 04:44

Tgt Ion: 94 Resp: 82908
 Ion Ratio Lower Upper
 94 100
 96 88.8 61.7 114.5

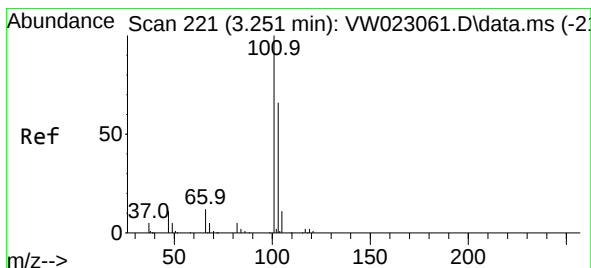
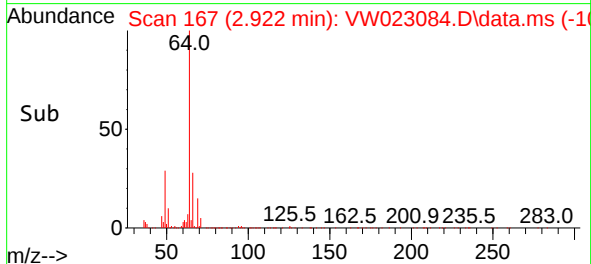
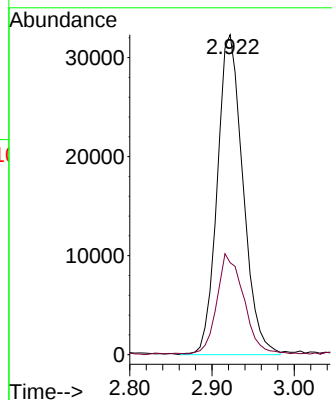
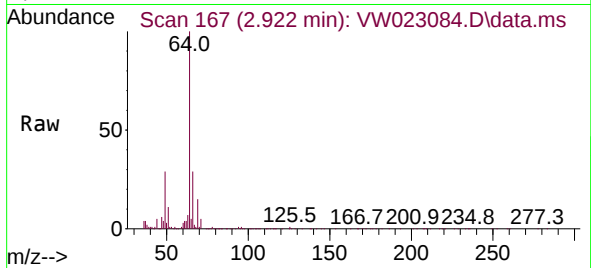




#8
Chloroethane
Concen: 20.747 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

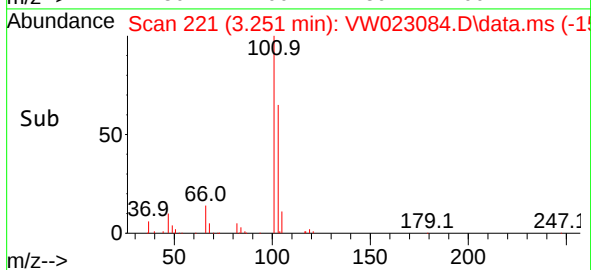
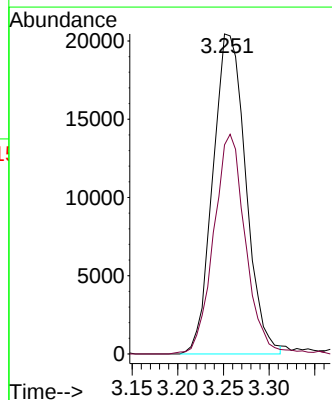
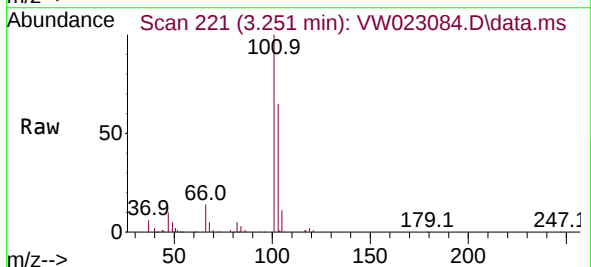
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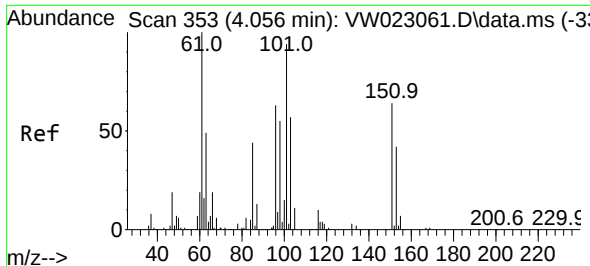
Tgt Ion: 64 Resp: 70250
Ion Ratio Lower Upper
64 100
66 28.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 15.946 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 101 Resp: 51166
Ion Ratio Lower Upper
101 100
103 66.4 53.9 80.9

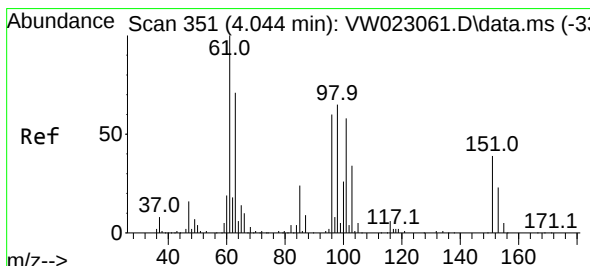
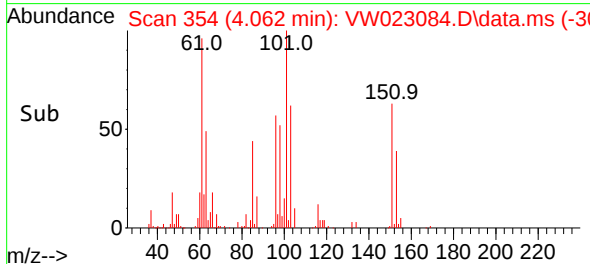
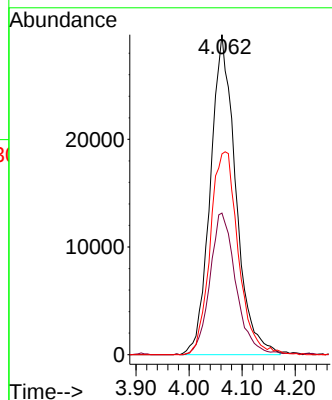
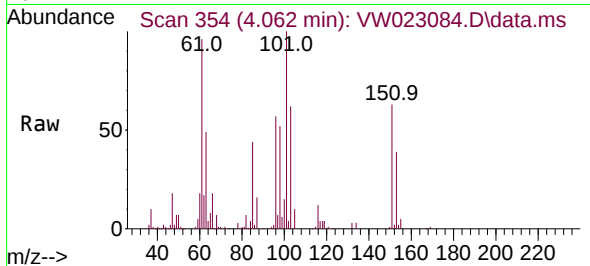




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.607 ug/L
RT: 4.062 min Scan# 353
Delta R.T. 0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

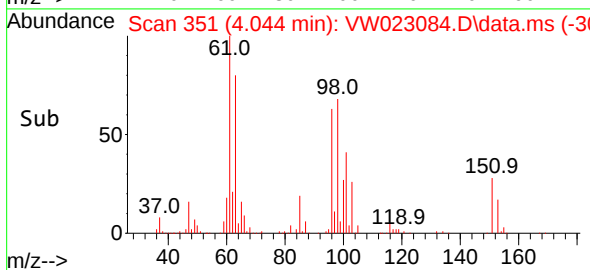
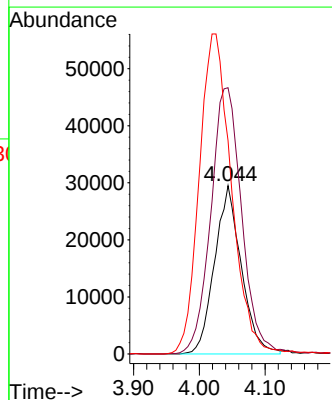
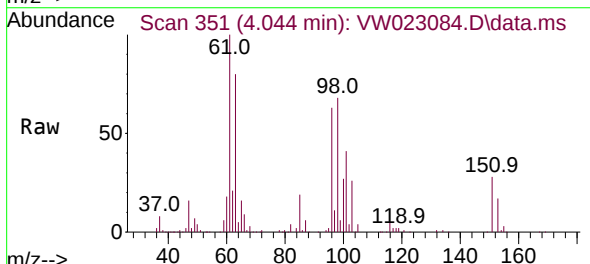
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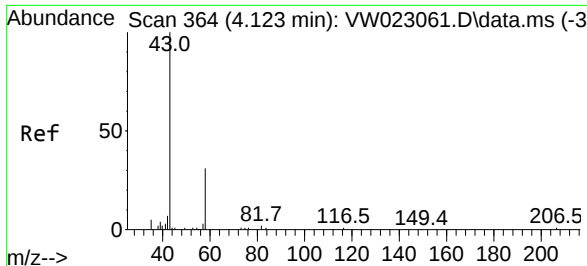
Tgt Ion:101	Resp:	98864
Ion Ratio	Lower	Upper
101	100	
85	44.9	34.3 51.5
151	69.3	54.2 81.2



#12
1,1-Dichloroethene
Concen: 19.629 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 96	Resp:	83484
Ion Ratio	Lower	Upper
96	100	
61	158.1	125.7 233.5
63	126.8	83.4 155.0

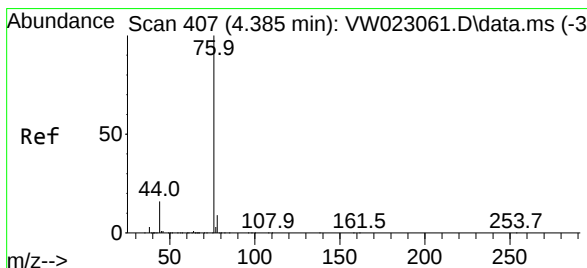
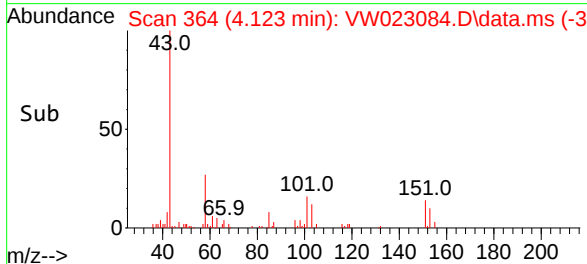
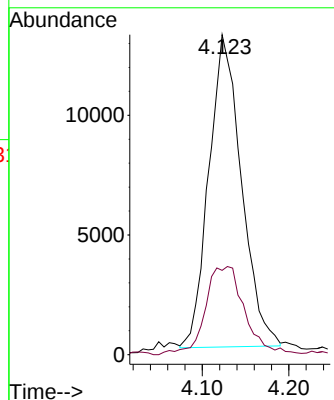
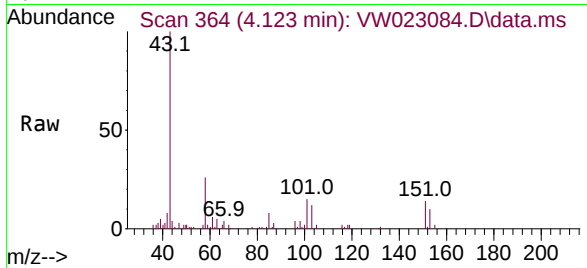




#13
Acetone
Concen: 35.156 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023084.D
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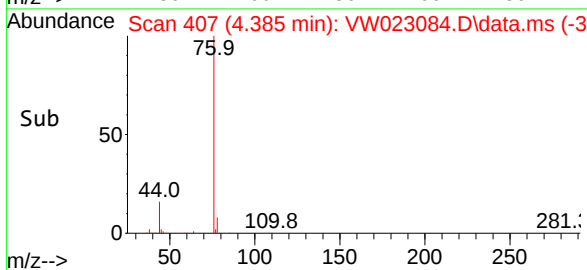
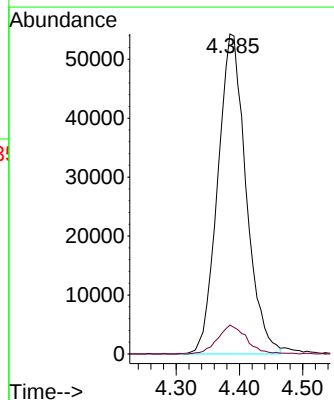
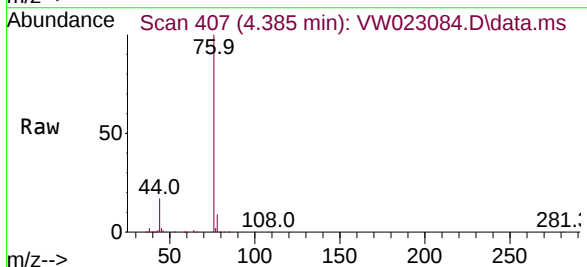
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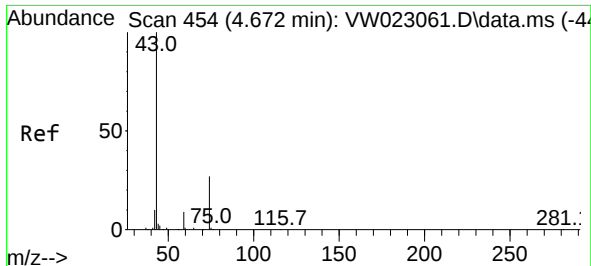
Tgt Ion: 43 Resp: 34094
Ion Ratio Lower Upper
43 100
58 33.4 0.0 64.0



#14
Carbon disulfide
Concen: 14.445 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 76 Resp: 168427
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

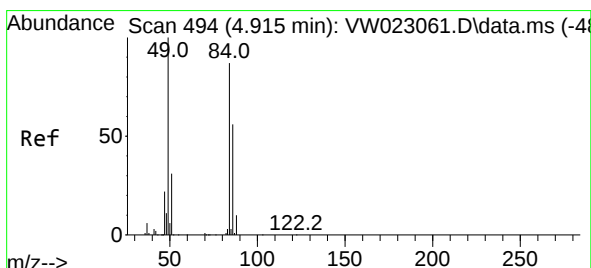
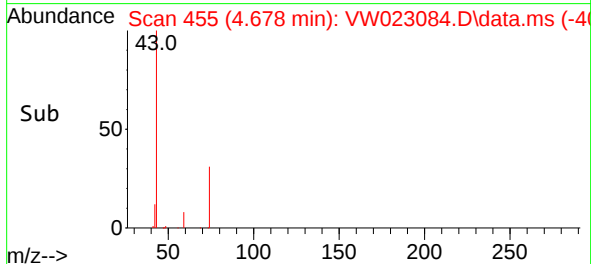
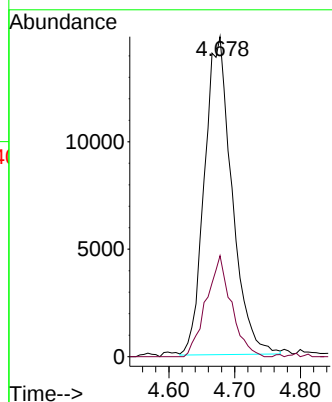
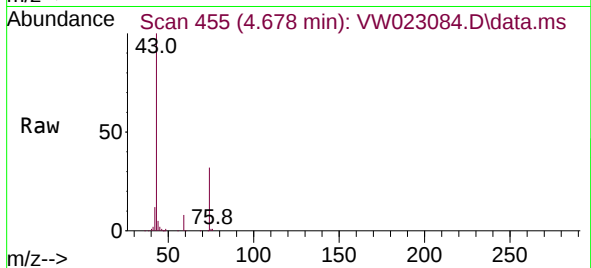




#15
Methyl Acetate
Concen: 22.045 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

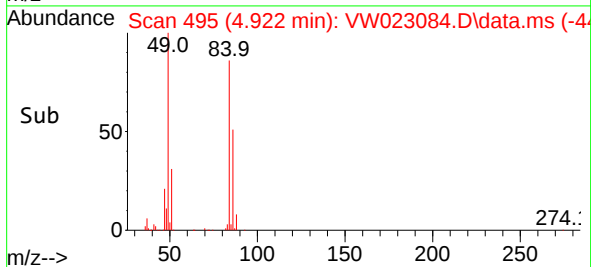
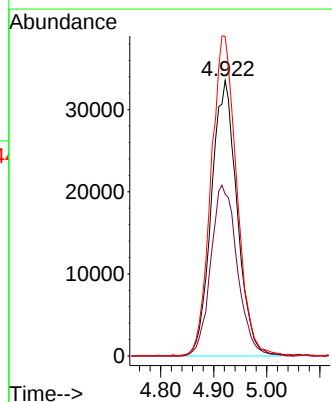
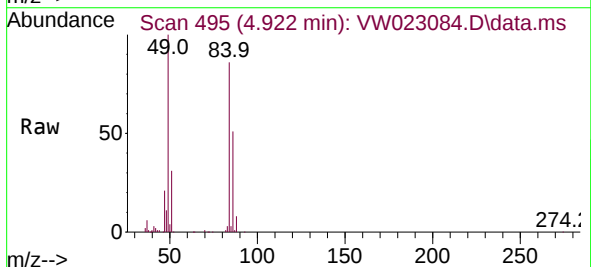
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

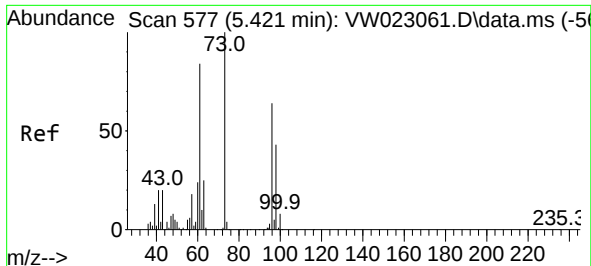
Tgt Ion: 43 Resp: 42951
Ion Ratio Lower Upper
43 100
74 29.0 21.9 32.9



#16
Methylene chloride
Concen: 23.188 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 84 Resp: 112667
Ion Ratio Lower Upper
84 100
86 58.8 45.4 84.4
49 116.1 82.5 153.1

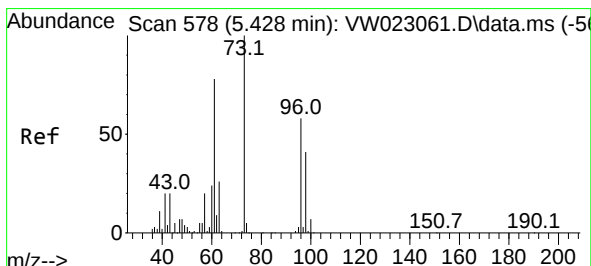
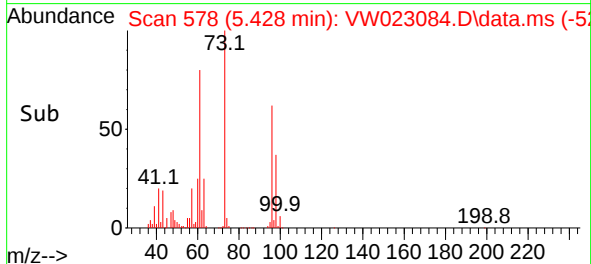
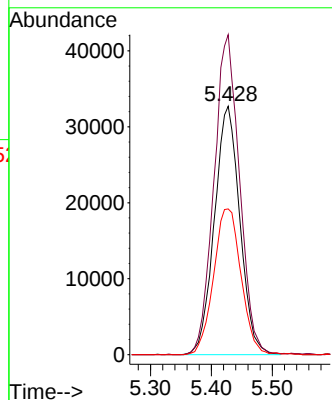
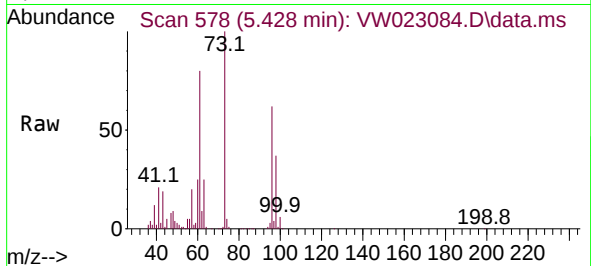




#17
trans-1,2-Dichloroethene
Concen: 19.844 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

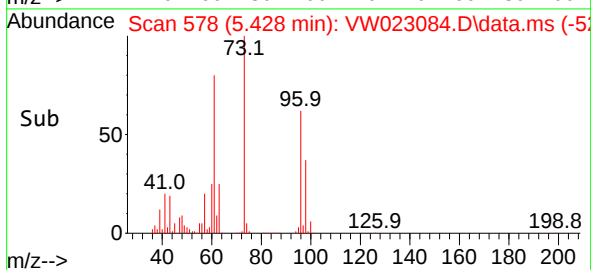
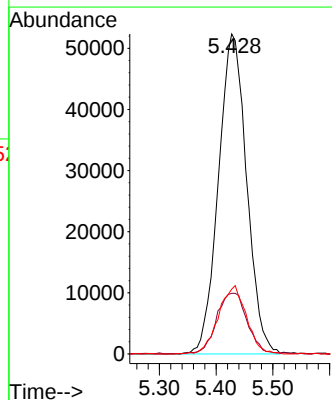
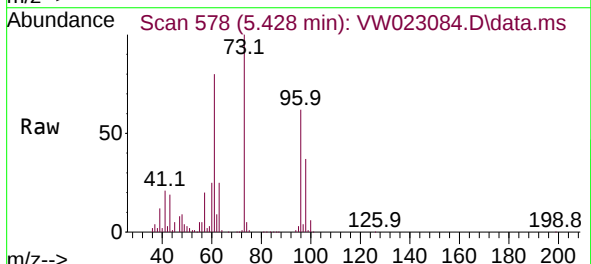
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

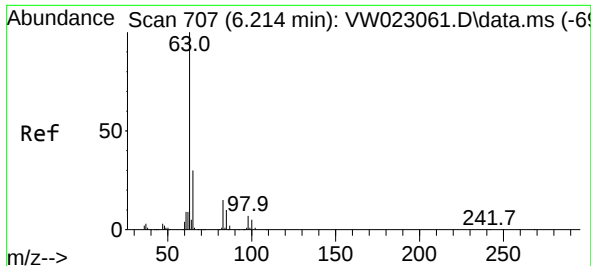
Tgt Ion: 96 Resp: 94975
Ion Ratio Lower Upper
96 100
61 128.8 92.2 171.2
98 58.7 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 24.766 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 73 Resp: 180946
Ion Ratio Lower Upper
73 100
43 20.6 15.9 23.9
57 21.1 16.5 24.7





#19

1,1-Dichloroethane

Concen: 22.555 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

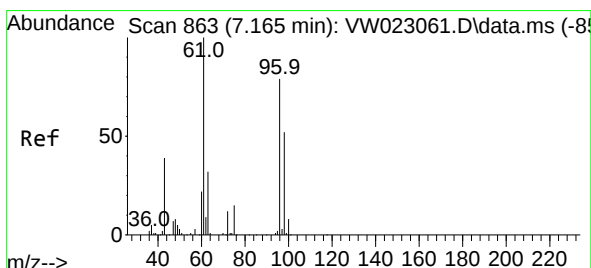
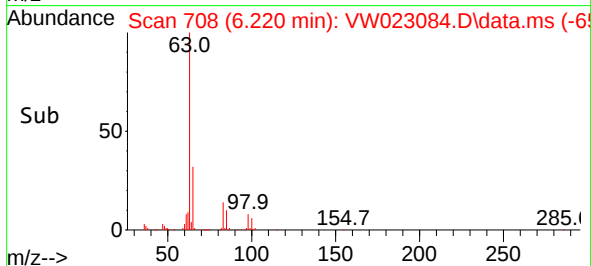
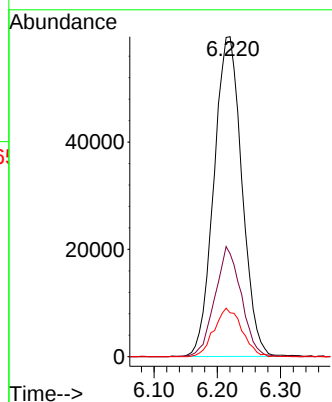
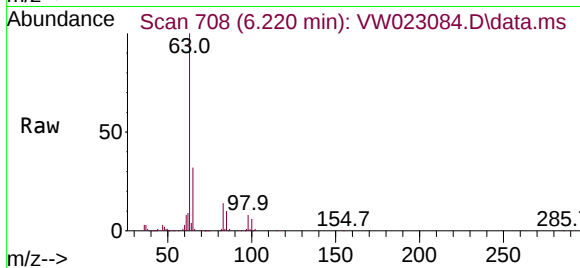
Tgt Ion: 63 Resp: 182958

Ion Ratio Lower Upper

63 100

65 32.2 23.3 43.3

83 13.7 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.062 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

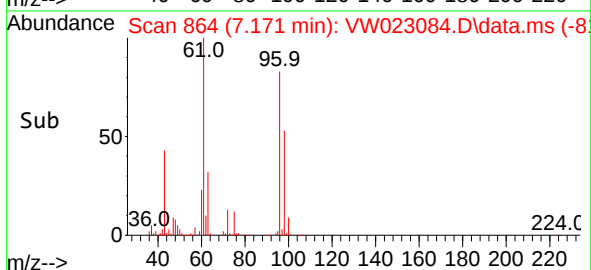
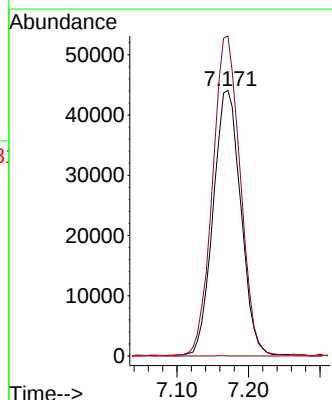
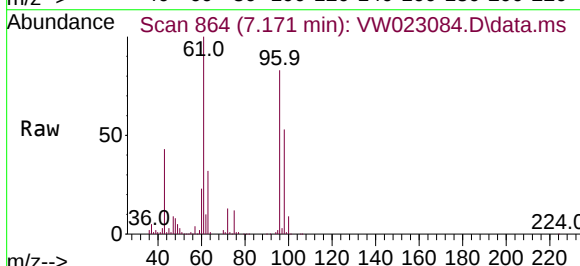
Tgt Ion: 96 Resp: 118553

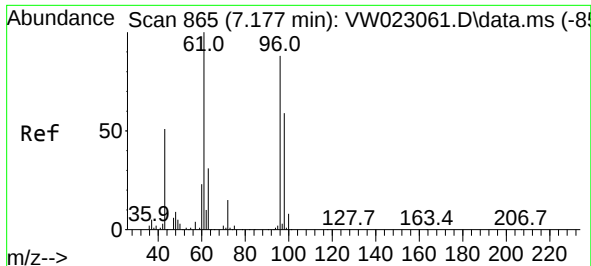
Ion Ratio Lower Upper

96 100

61 120.5 84.2 156.4

68 0.0 0.1 0.1#

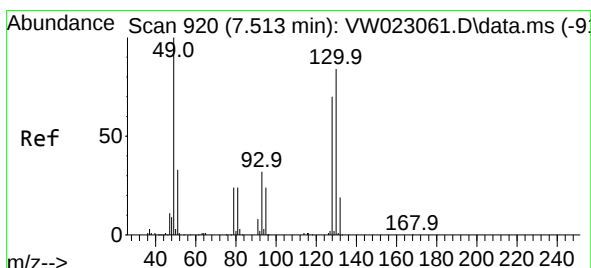
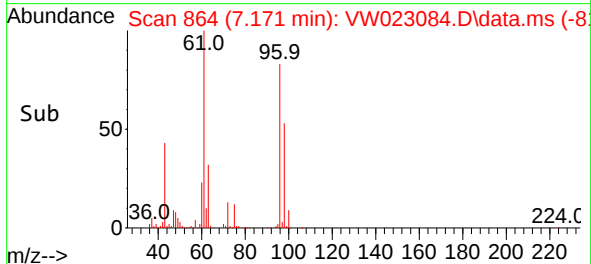
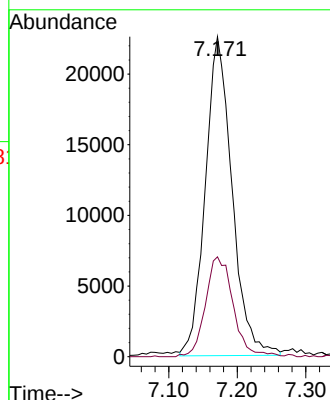
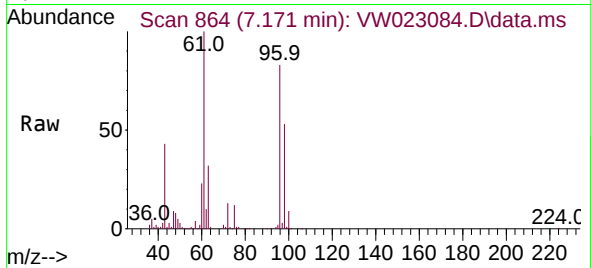




#22
2-Butanone
Concen: 45.149 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

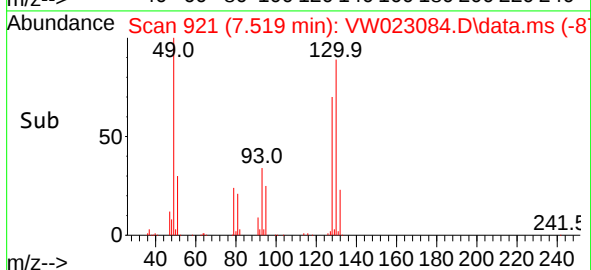
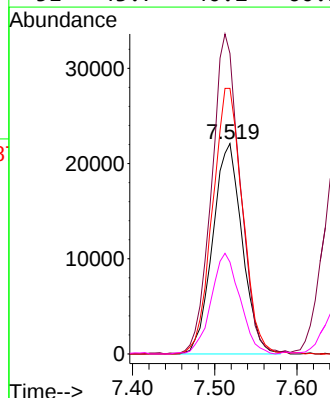
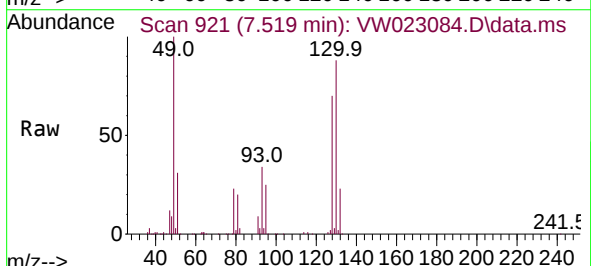
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

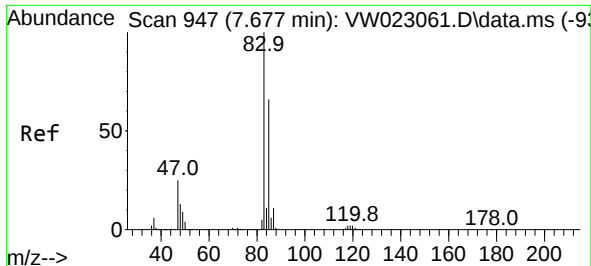
Tgt Ion: 43 Resp: 61233
Ion Ratio Lower Upper
43 100
72 31.6 15.1 45.3



#23
Bromochloromethane
Concen: 22.915 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 128 Resp: 55168
Ion Ratio Lower Upper
128 100
49 142.8 110.0 204.4
130 126.3 94.8 176.0
51 43.7 40.2 60.2





#25

Chloroform

Concen: 23.805 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

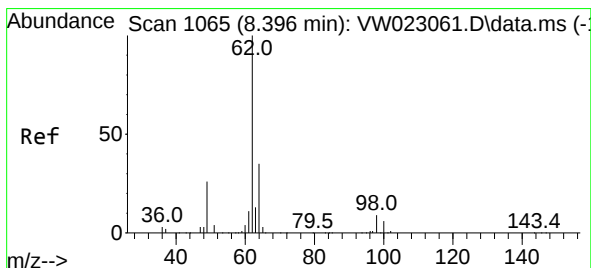
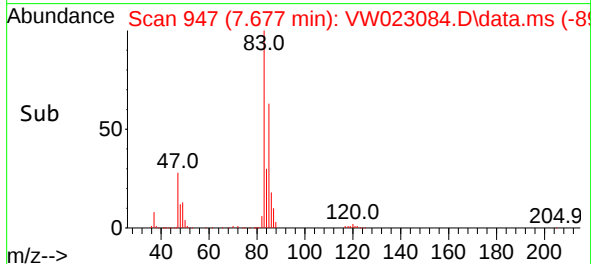
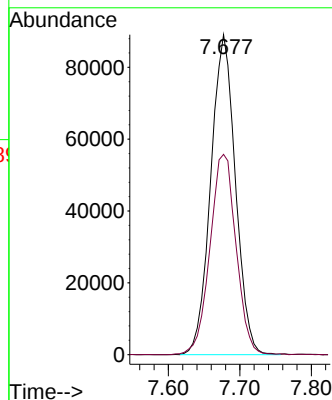
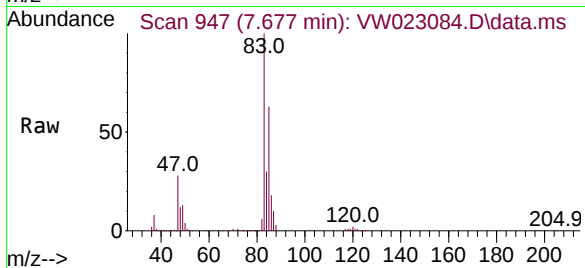
VSTD025534

Tgt Ion: 83 Resp: 213516

Ion Ratio Lower Upper

83 100

85 62.6 46.6 86.6



#27

1,2-Dichloroethane

Concen: 23.276 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023084.D

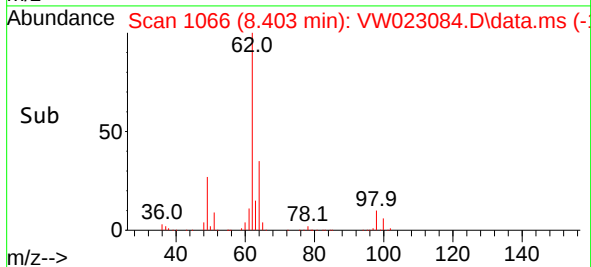
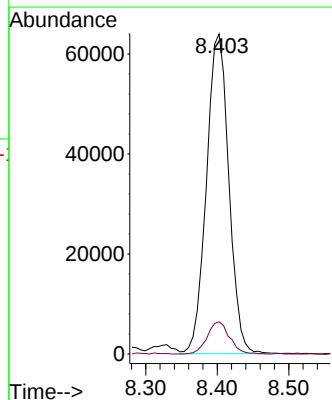
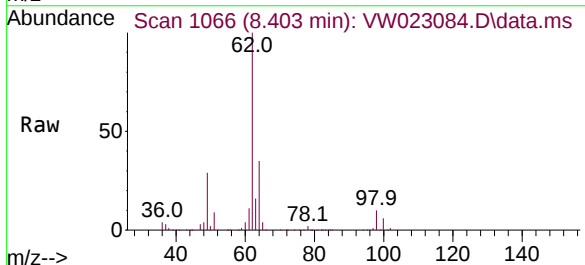
Acq: 17 May 2022 04:44

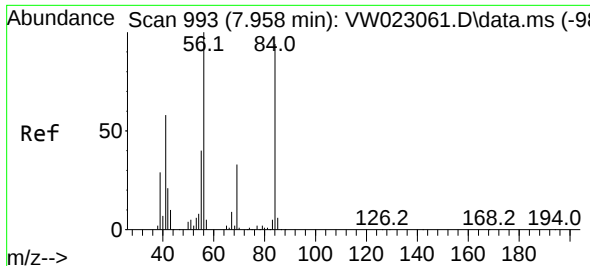
Tgt Ion: 62 Resp: 139169

Ion Ratio Lower Upper

62 100

98 10.1 7.2 10.8

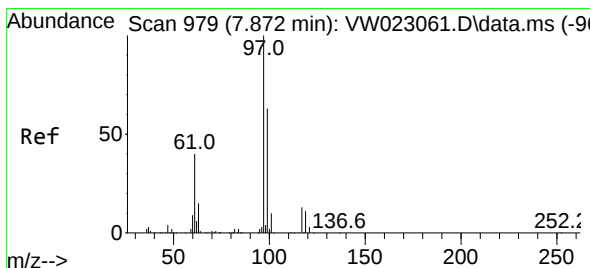
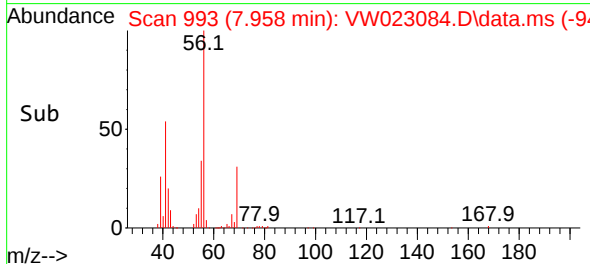
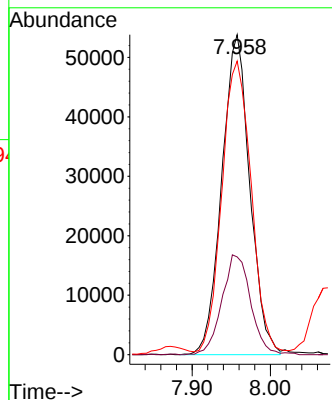
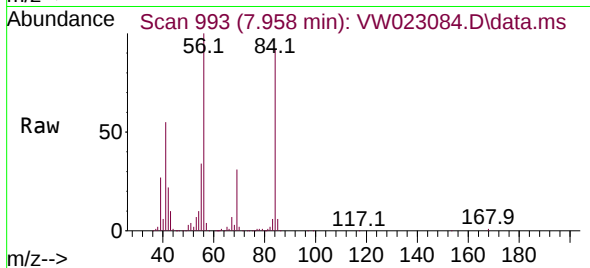




#29
Cyclohexane
Concen: 18.070 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

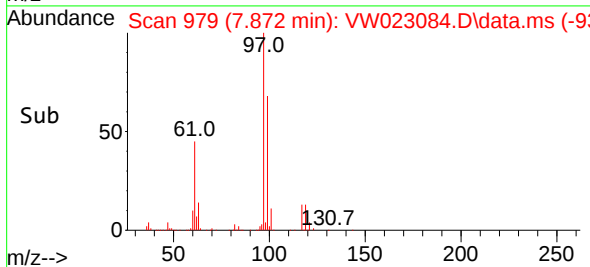
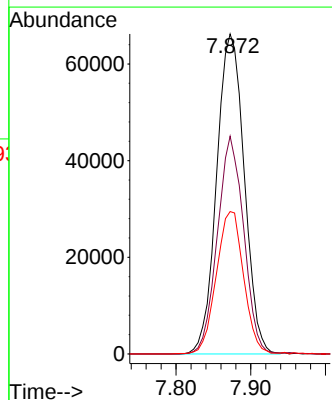
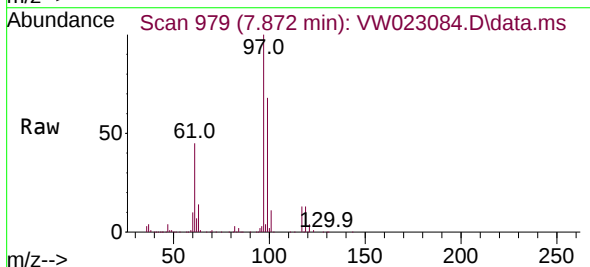
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

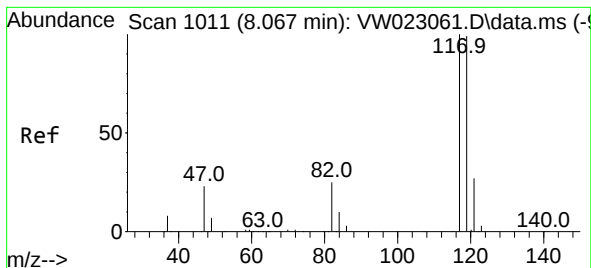
Tgt Ion: 56 Resp: 133724
Ion Ratio Lower Upper
56 100
69 31.8 25.6 38.4
84 96.8 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 21.029 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 97 Resp: 170049
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 44.0 34.8 52.2





#31

Carbon tetrachloride

Concen: 20.173 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

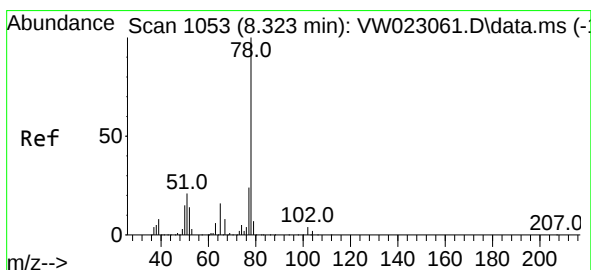
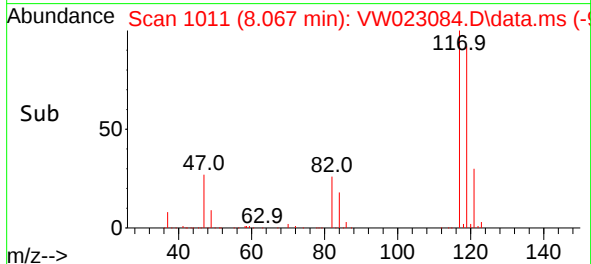
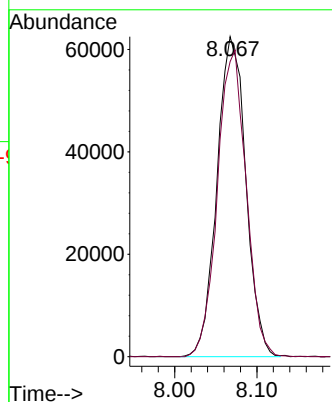
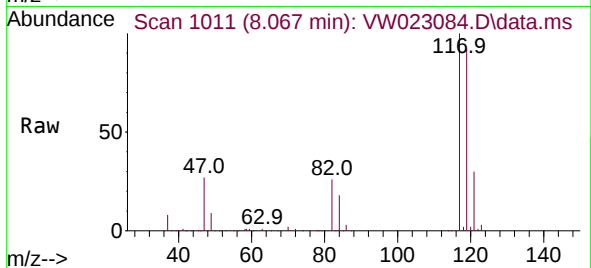
VSTD025534

Tgt Ion:117 Resp: 152597

Ion Ratio Lower Upper

117 100

119 95.2 76.6 115.0



#33

Benzene

Concen: 20.894 ug/L

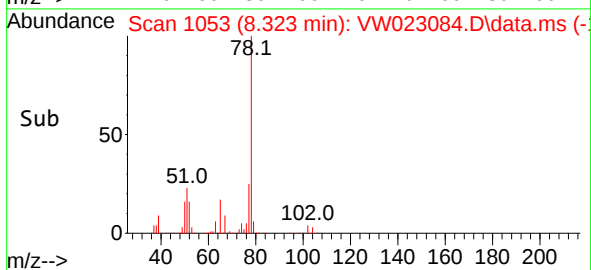
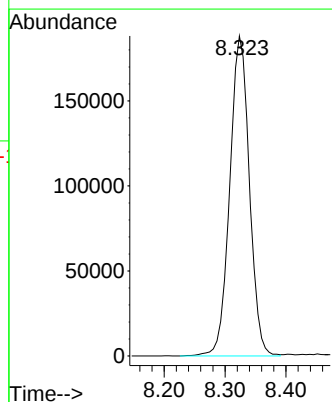
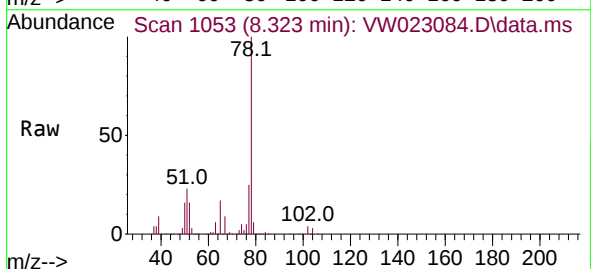
RT: 8.323 min Scan# 1053

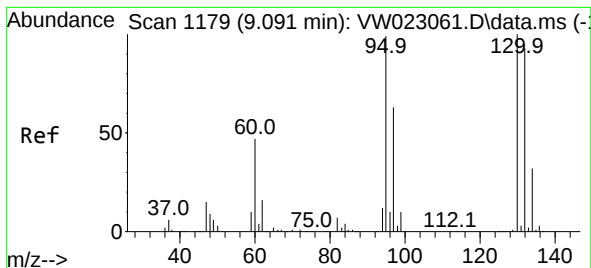
Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Tgt Ion: 78 Resp: 421180





#34

Trichloroethene

Concen: 20.560 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

Tgt Ion: 95 Resp: 113980

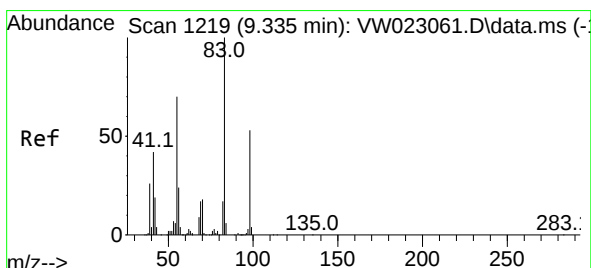
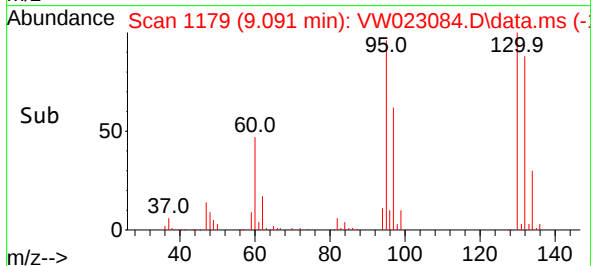
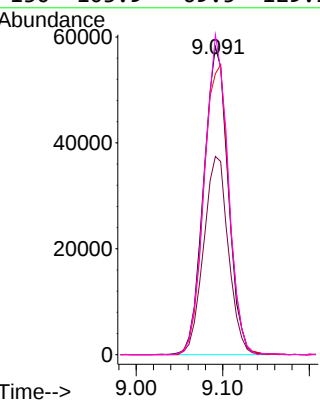
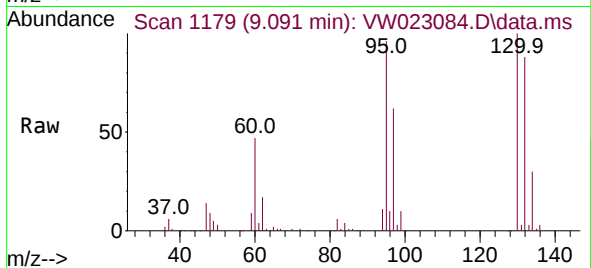
Ion Ratio Lower Upper

95 100

97 64.4 46.1 85.7

132 91.3 66.9 124.3

130 103.9 69.5 129.1



#35

Methylcyclohexane

Concen: 18.151 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

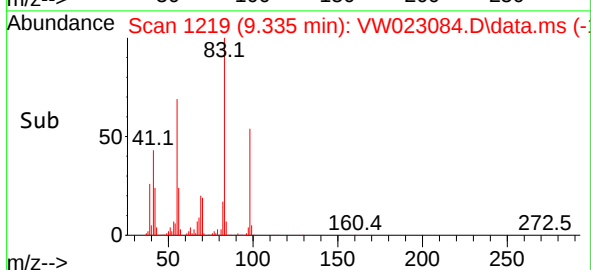
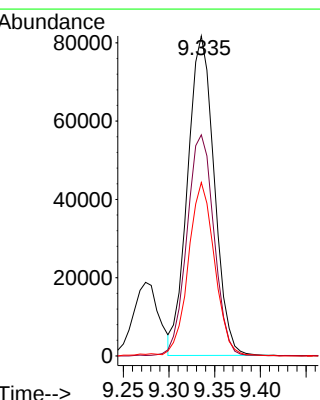
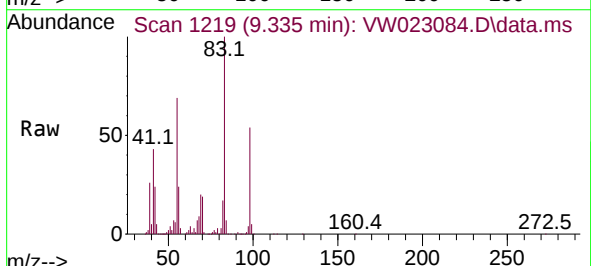
Tgt Ion: 83 Resp: 165310

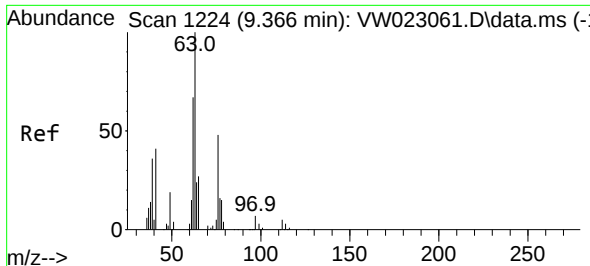
Ion Ratio Lower Upper

83 100

55 70.4 55.1 82.7

98 53.4 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.035 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

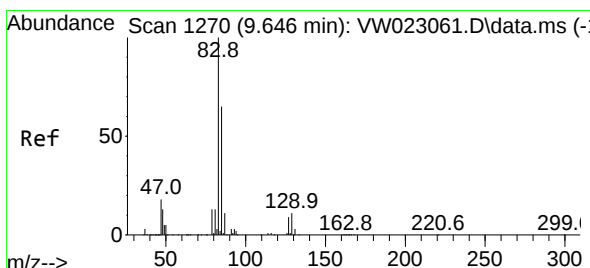
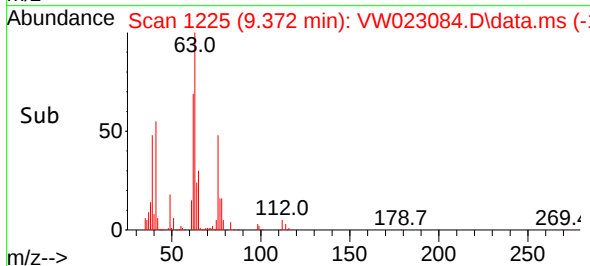
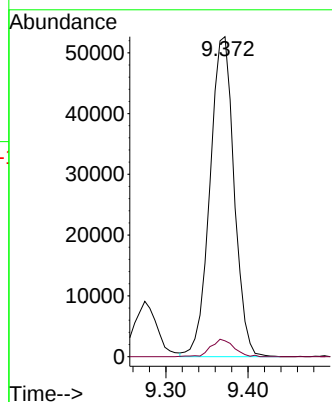
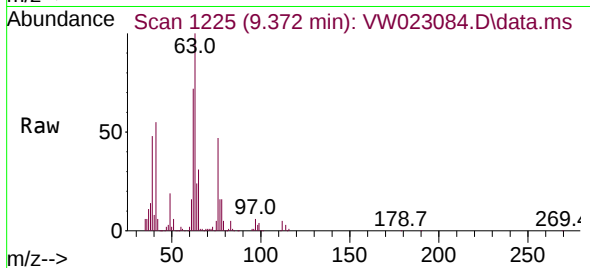
VSTD025534

Tgt Ion: 63 Resp: 107490

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 22.719 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

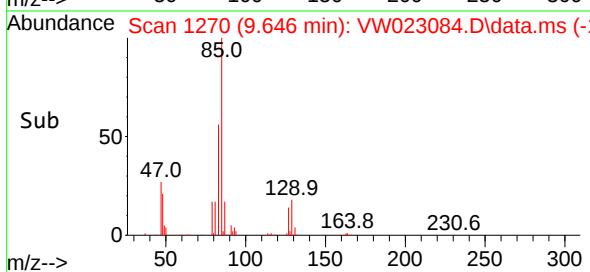
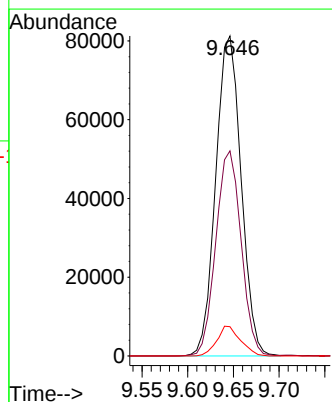
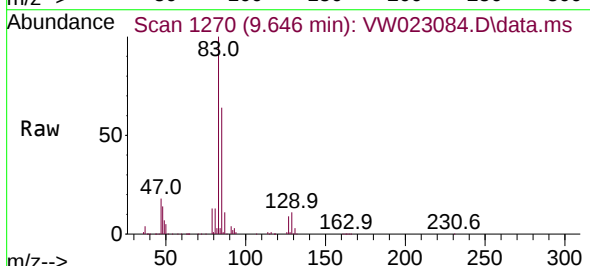
Tgt Ion: 83 Resp: 157420

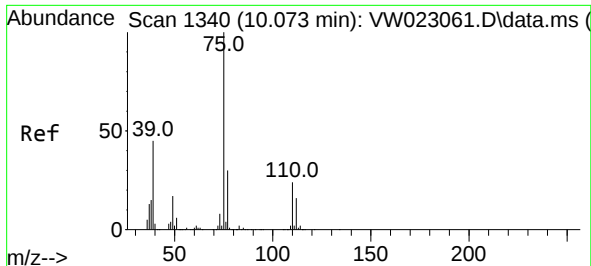
Ion Ratio Lower Upper

83 100

85 64.1 43.5 80.7

127 9.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 21.856 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

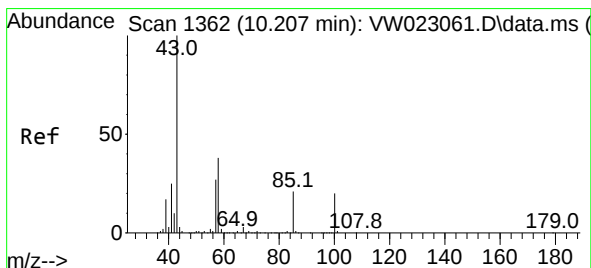
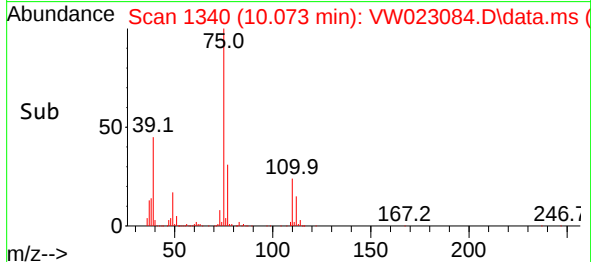
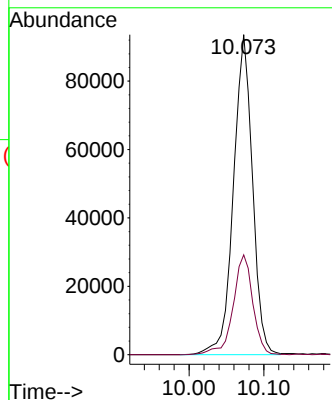
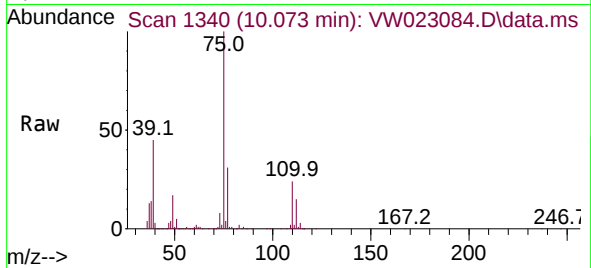
VSTD025534

Tgt Ion: 75 Resp: 165320

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 46.481 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

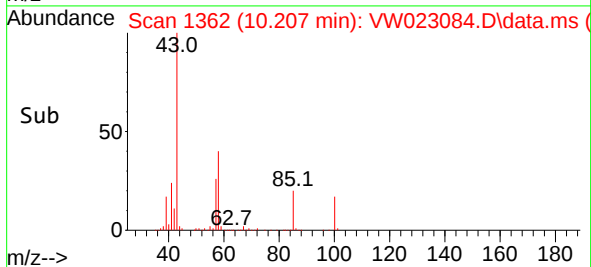
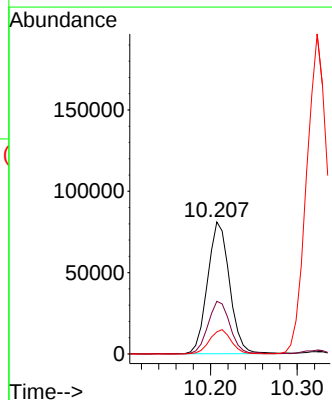
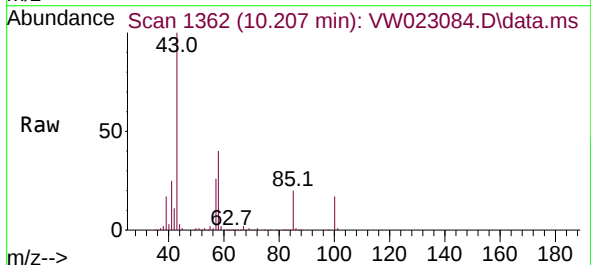
Tgt Ion: 43 Resp: 142916

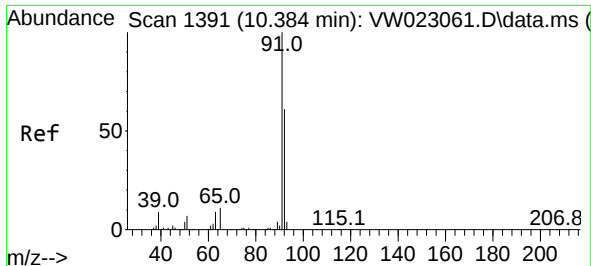
Ion Ratio Lower Upper

43 100

58 40.0 31.4 47.2

100 18.4 14.2 21.4

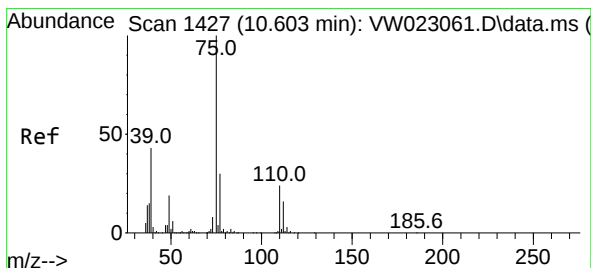
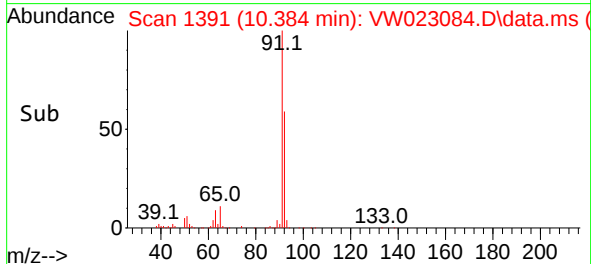
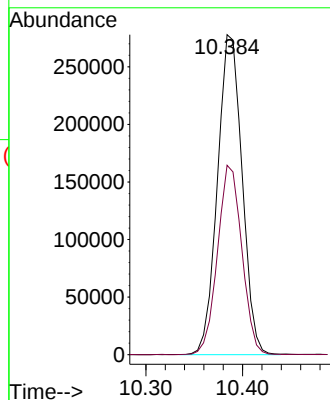
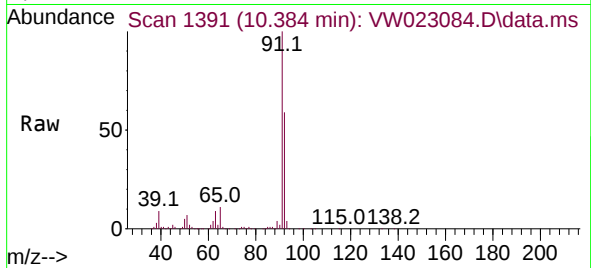




#42
Toluene
Concen: 21.759 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

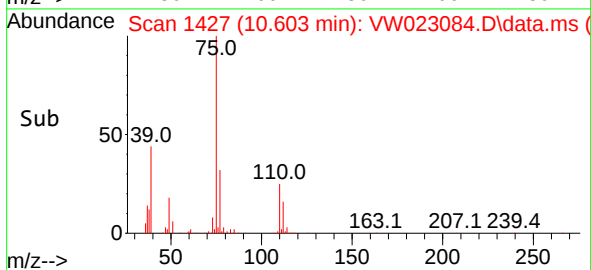
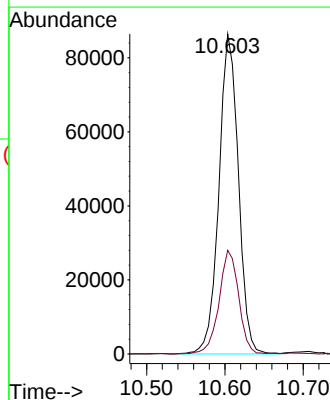
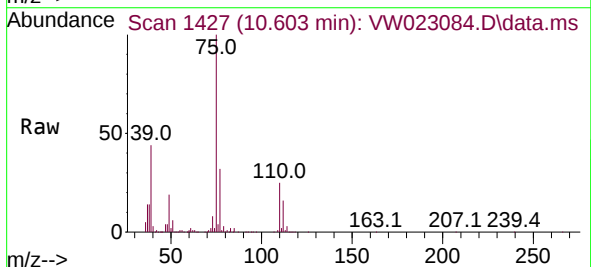
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

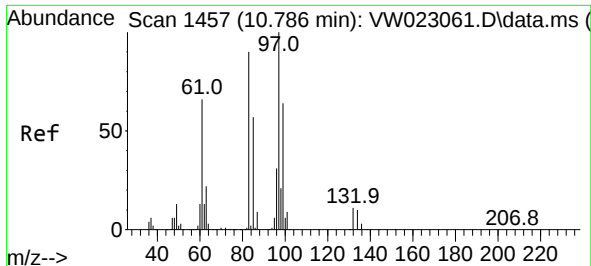
Tgt Ion: 91 Resp: 491573
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 22.146 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 75 Resp: 149519
Ion Ratio Lower Upper
75 100
77 32.4 22.0 40.8

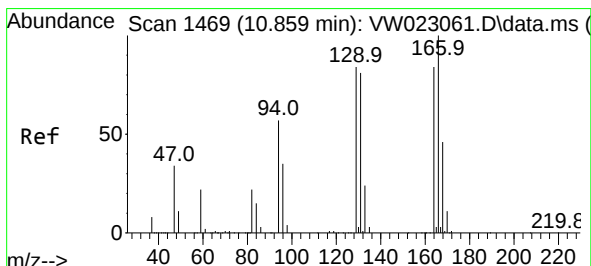
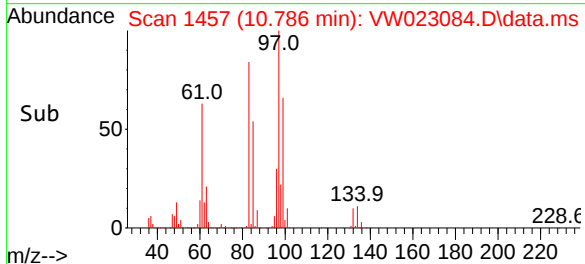
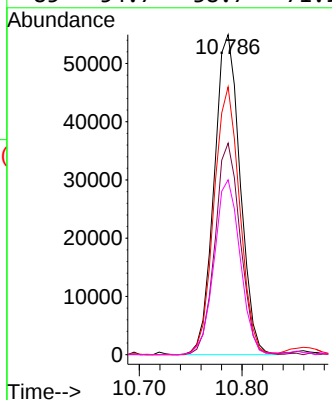
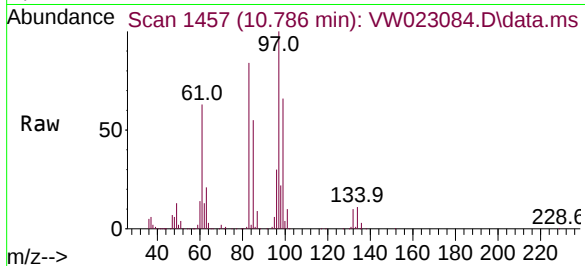




#45
1,1,2-Trichloroethane
Concen: 23.668 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

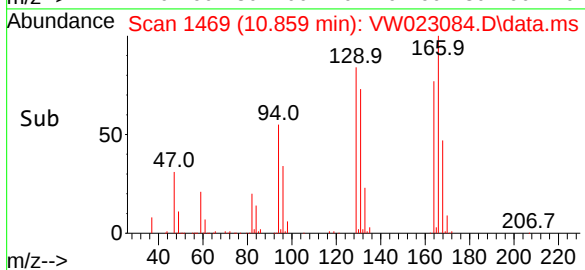
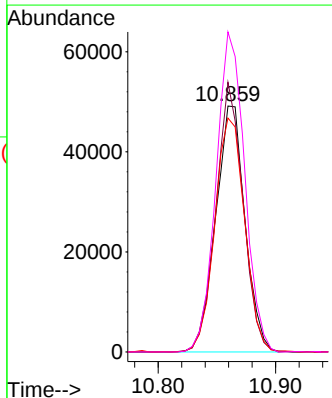
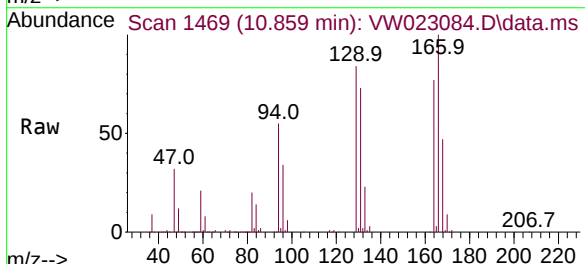
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

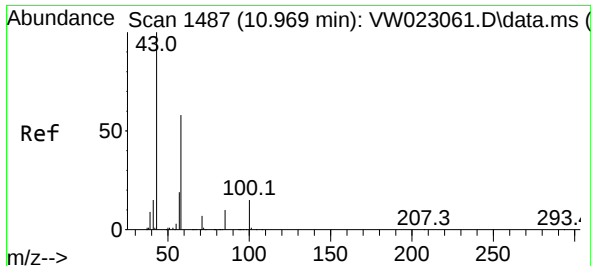
Tgt Ion: 97	Resp: 96518
Ion Ratio	Lower Upper
97 100	
99 66.1	44.7 82.9
83 83.7	58.4 108.4
85 54.7	38.7 71.9



#46
Tetrachloroethene
Concen: 20.506 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt	Ion:164	Resp:	85434
Ion	Ratio	Lower	Upper
164	100		
129	109.7	76.9	142.7
131	95.1	75.1	139.5
166	130.1	96.0	178.2

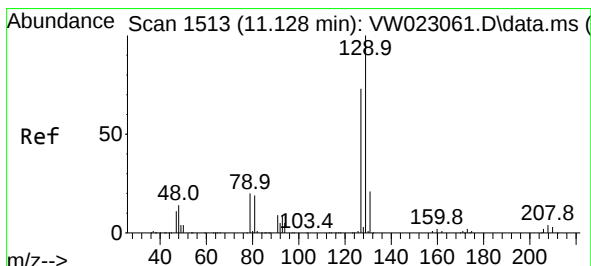
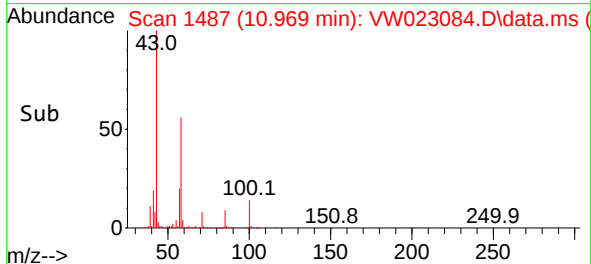
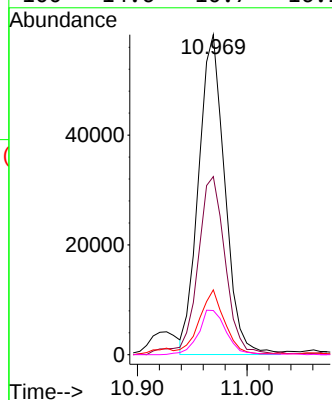
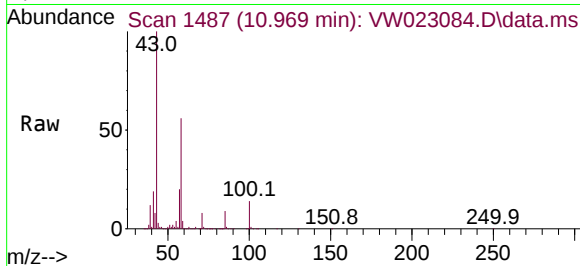




#48
2-Hexanone
Concen: 47.234 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

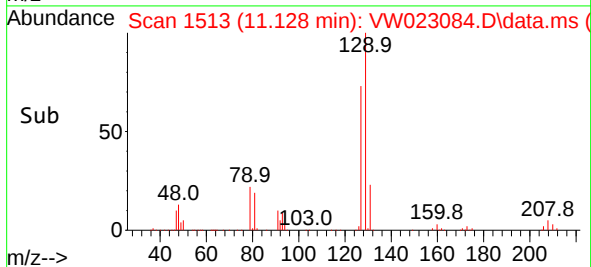
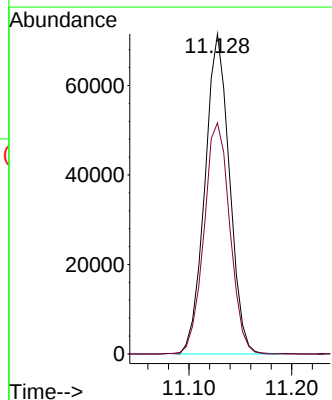
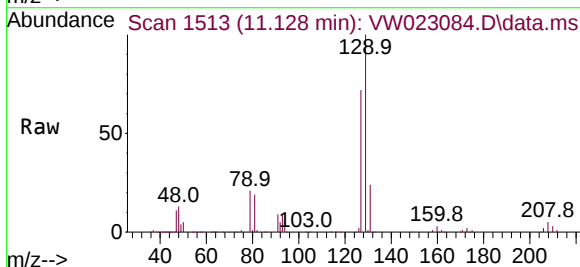
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

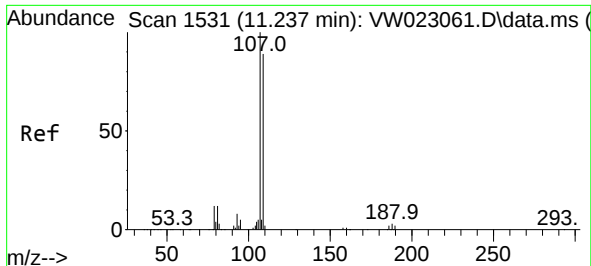
Tgt Ion:	43	Resp:	97039
Ion	Ratio	Lower	Upper
43	100		
58	57.0	45.9	68.9
57	19.6	16.2	24.2
100	14.6	10.7	16.1



#49
Dibromochloromethane
Concen: 24.253 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion:	129	Resp:	119038
Ion	Ratio	Lower	Upper
129	100		
127	72.2	53.8	100.0





#50

1,2-Dibromoethane

Concen: 22.874 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

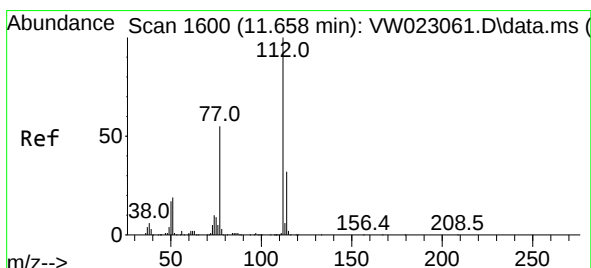
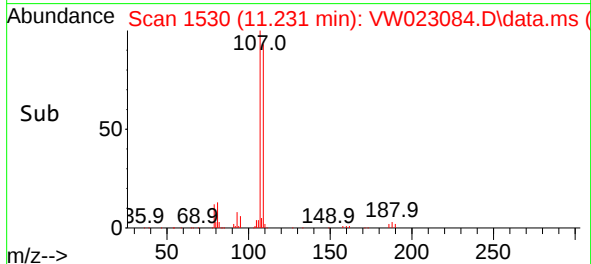
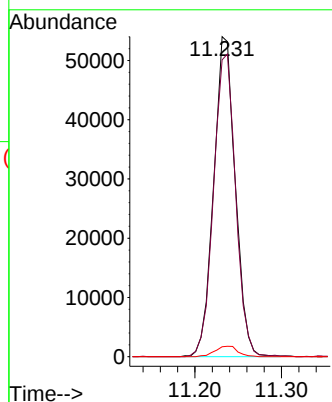
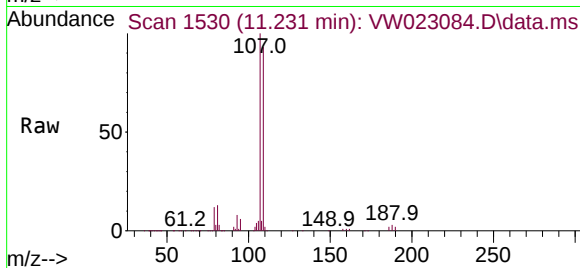
Tgt Ion:107 Resp: 93665

Ion Ratio Lower Upper

107 100

109 92.7 67.5 125.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 22.936 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

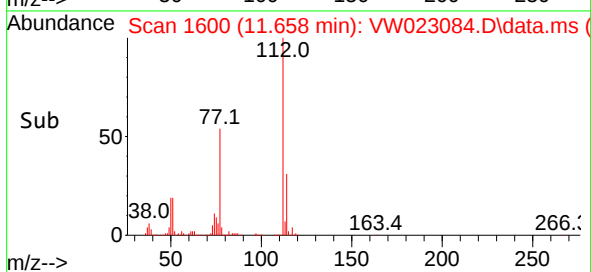
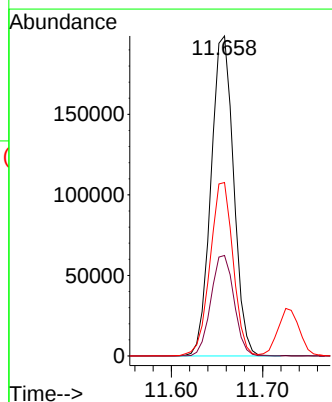
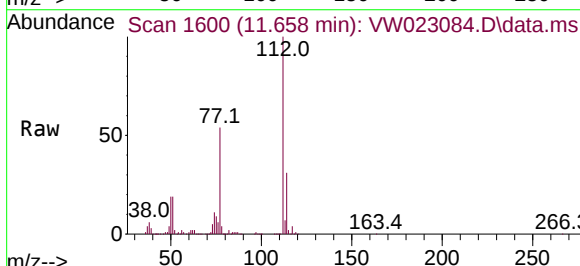
Tgt Ion:112 Resp: 341599

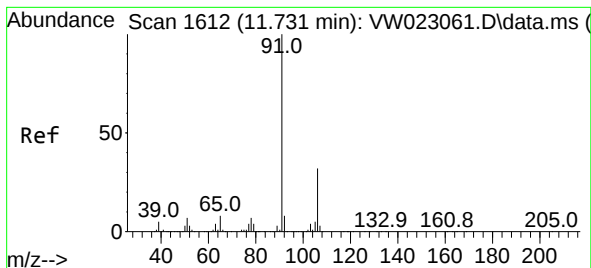
Ion Ratio Lower Upper

112 100

114 31.4 22.0 41.0

77 54.2 42.6 63.8

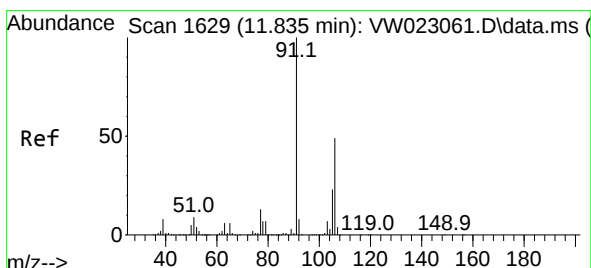
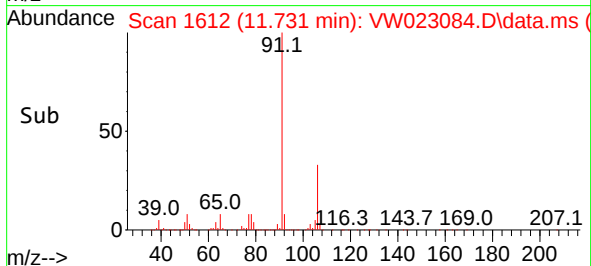
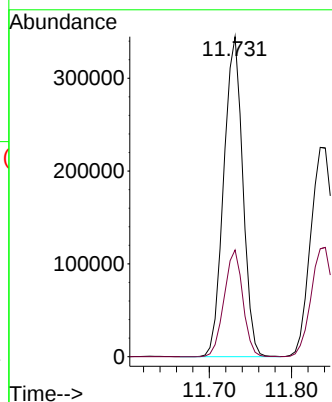
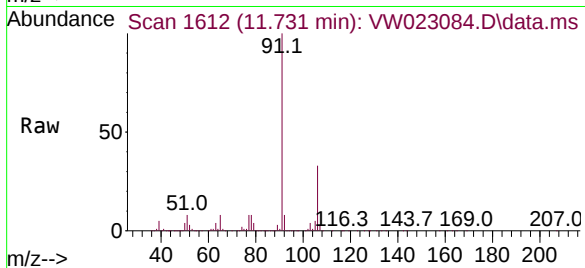




#52
Ethylbenzene
Concen: 22.130 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

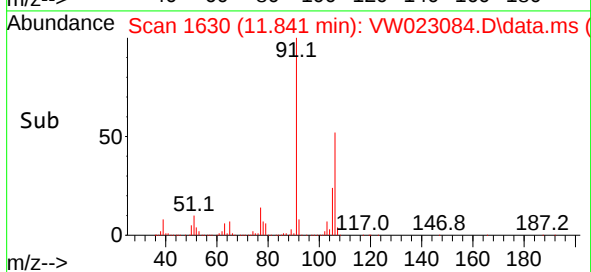
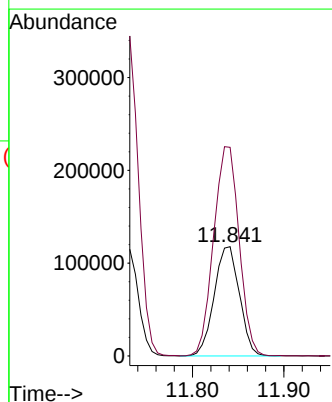
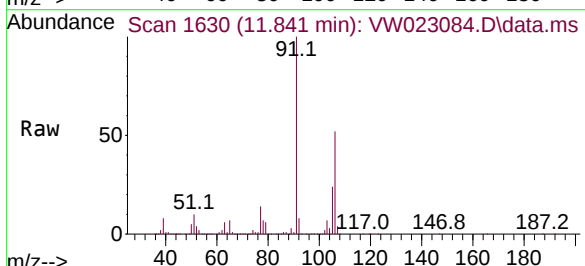
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

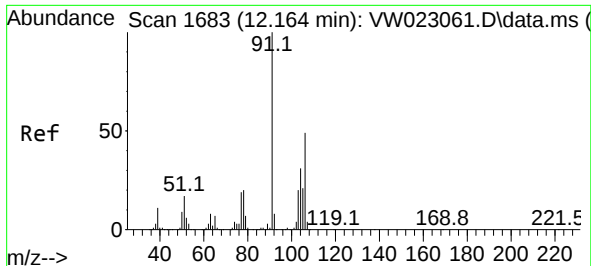
Tgt Ion: 91 Resp: 556208
Ion Ratio Lower Upper
91 100
106 33.4 22.3 41.3



#53
m,p-Xylene
Concen: 22.814 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 106 Resp: 225928
Ion Ratio Lower Upper
106 100
91 191.0 136.8 254.0

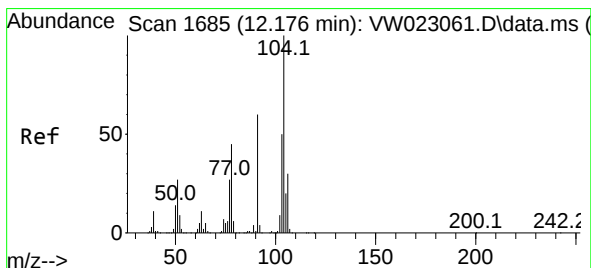
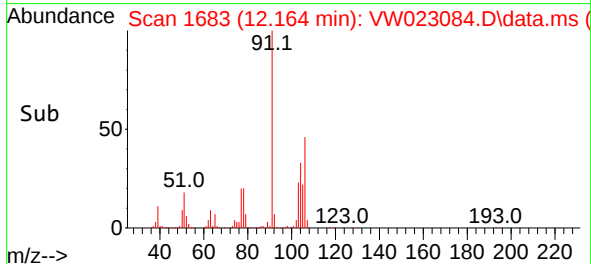
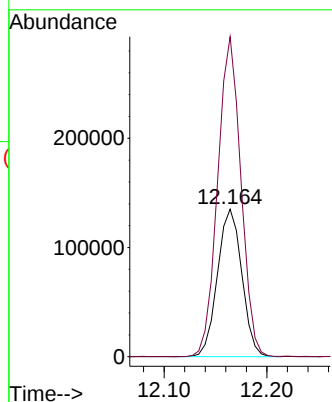
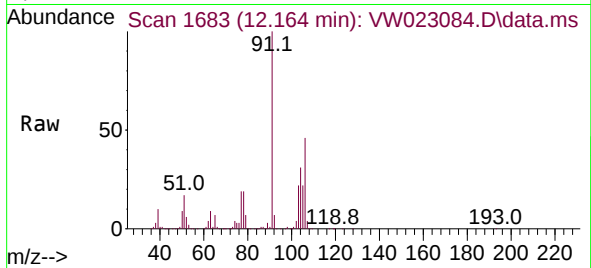




#54
o-Xylene
Concen: 23.334 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

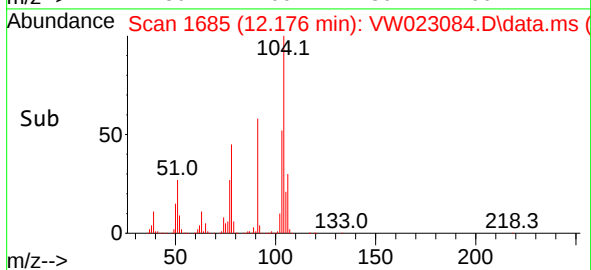
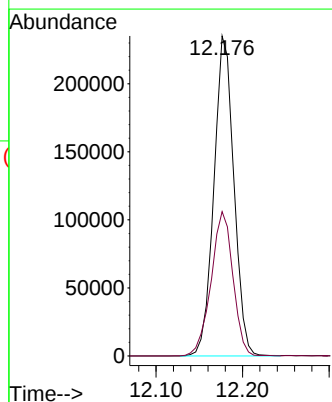
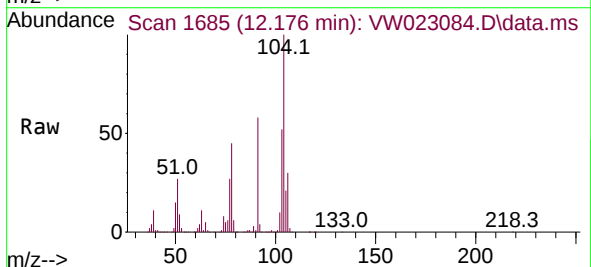
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

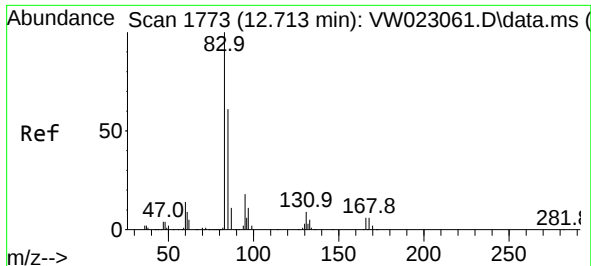
Tgt Ion:106 Resp: 221744
Ion Ratio Lower Upper
106 100
91 216.9 147.2 273.4



#55
Styrene
Concen: 23.326 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion:104 Resp: 376677
Ion Ratio Lower Upper
104 100
78 45.1 32.3 59.9

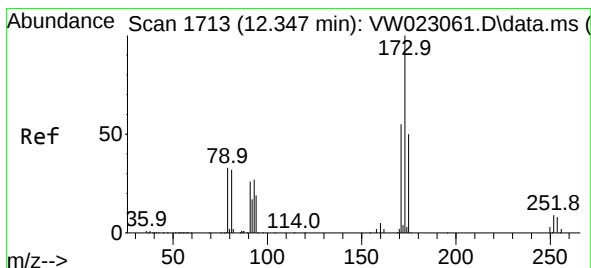
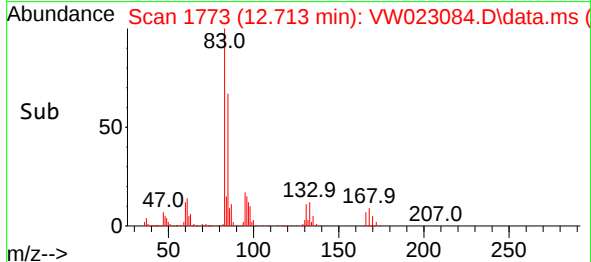
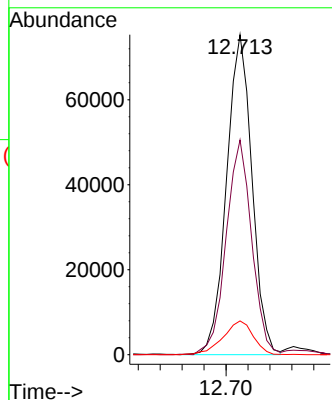
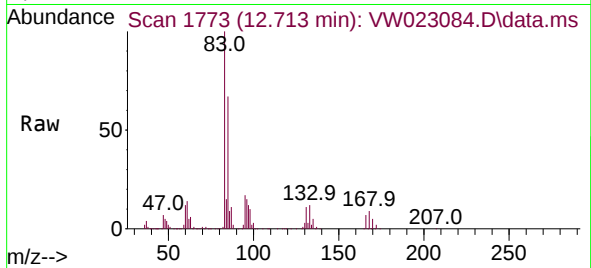




#57
1,1,2,2-Tetrachloroethane
Concen: 23.842 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

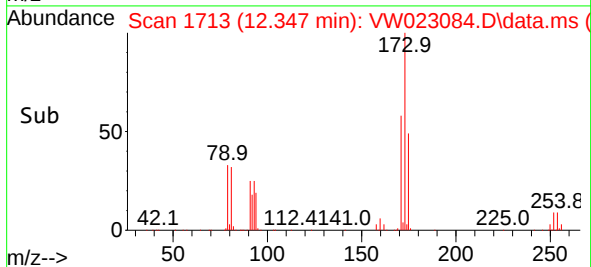
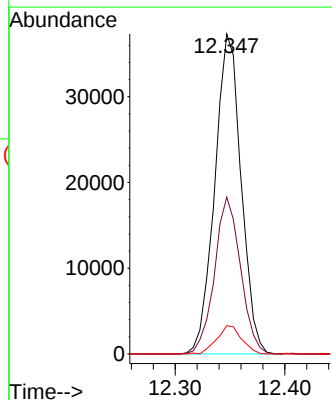
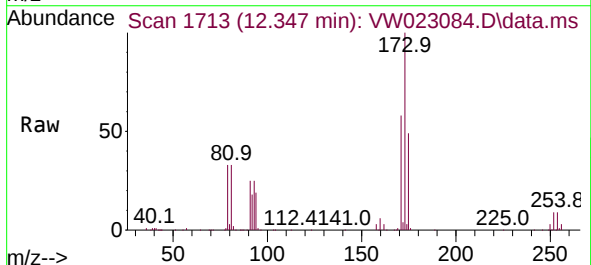
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

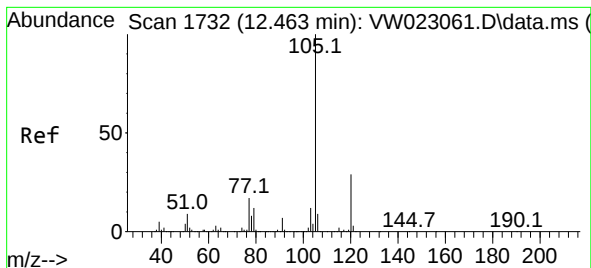
Tgt Ion: 83 Resp: 121440
Ion Ratio Lower Upper
83 100
85 67.1 47.5 88.1
131 10.6 8.7 13.1



#59
Bromoform
Concen: 23.627 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion: 173 Resp: 62304
Ion Ratio Lower Upper
173 100
175 48.3 38.1 57.1
254 8.3 6.5 9.7





#60

Isopropylbenzene

Concen: 23.452 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

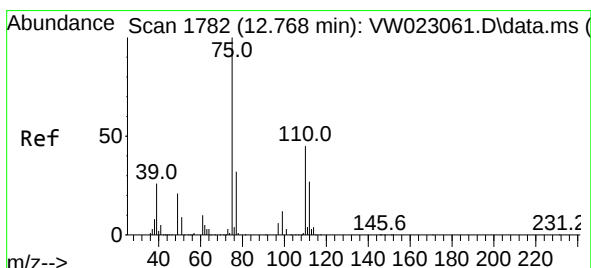
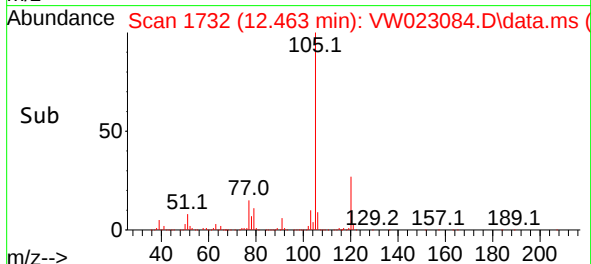
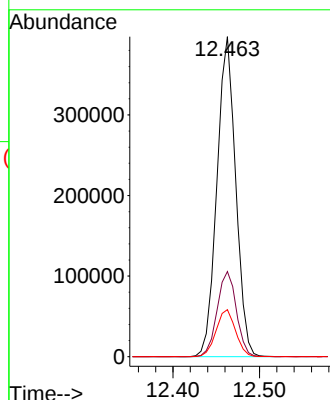
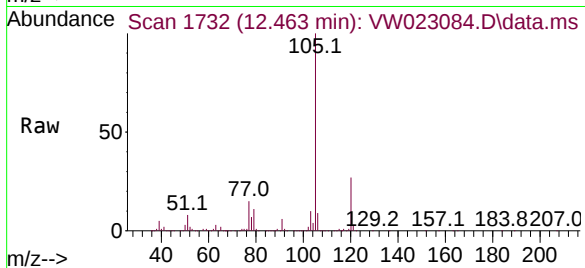
Tgt Ion:105 Resp: 597802

Ion Ratio Lower Upper

105 100

120 27.2 21.3 31.9

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 23.681 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

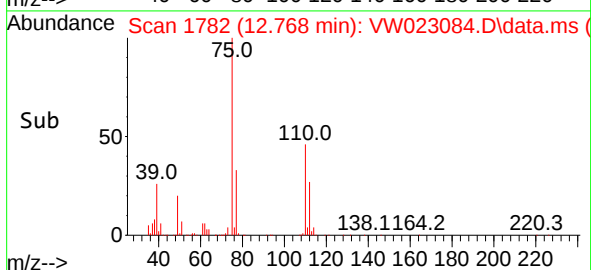
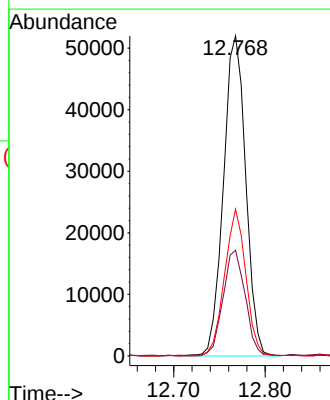
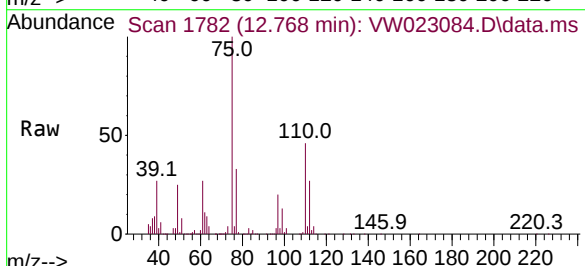
Tgt Ion: 75 Resp: 88042

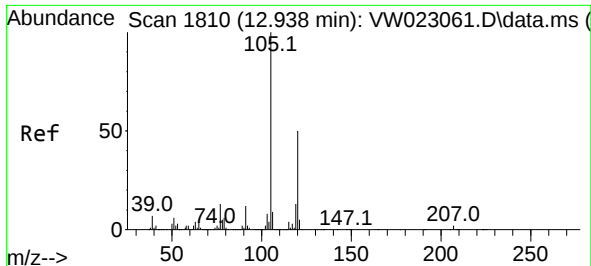
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 43.8 34.1 51.1

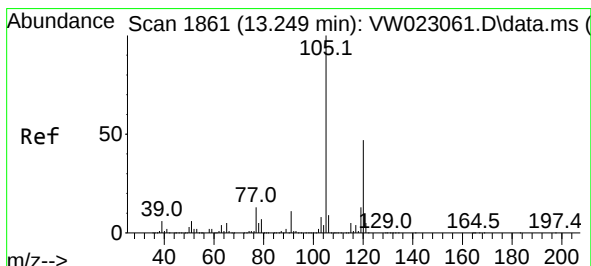
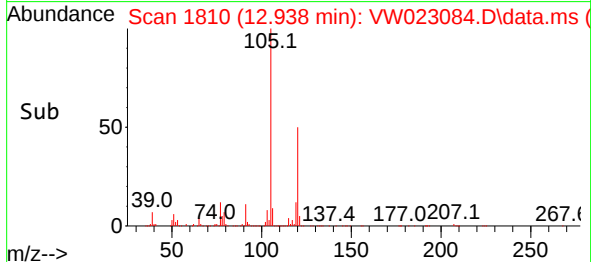
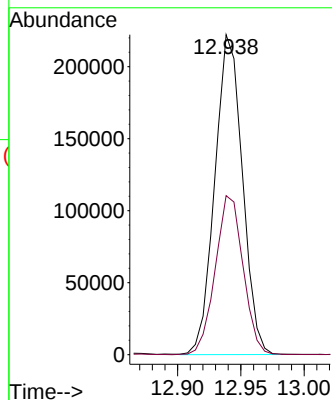
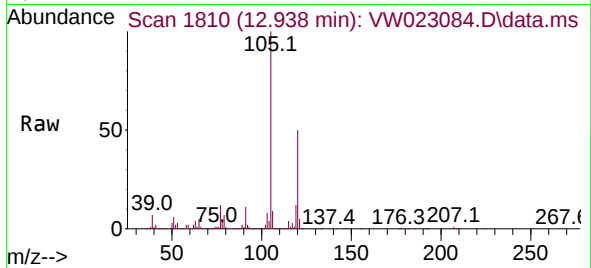




#62
1,3,5-Trimethylbenzene
Concen: 23.749 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

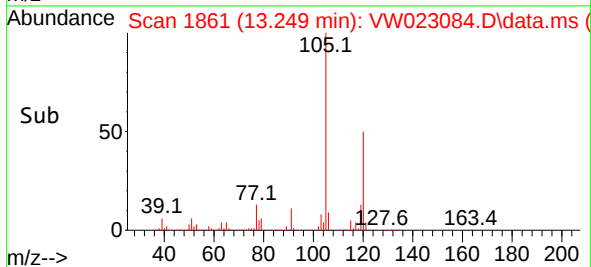
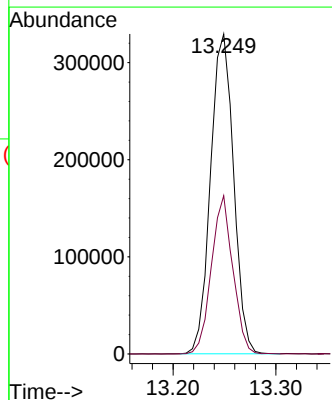
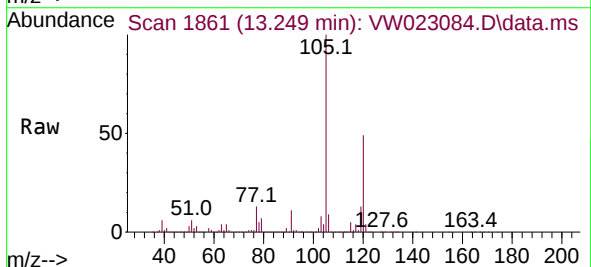
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

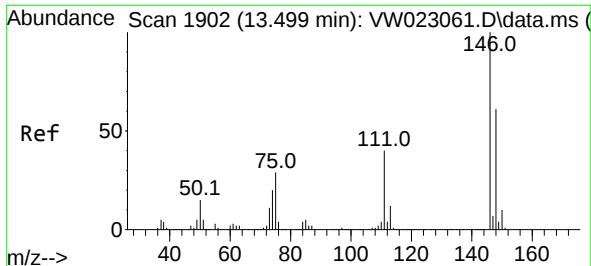
Tgt Ion:105 Resp: 336794
Ion Ratio Lower Upper
105 100
120 50.2 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.042 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion:105 Resp: 511956
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.2

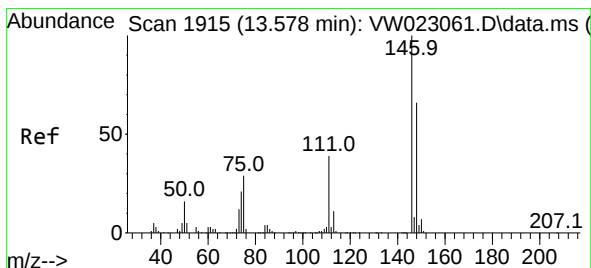
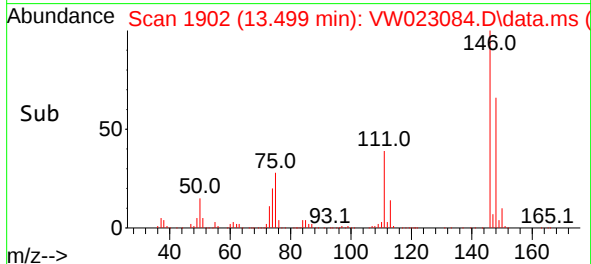
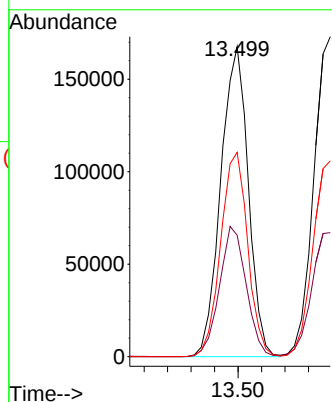
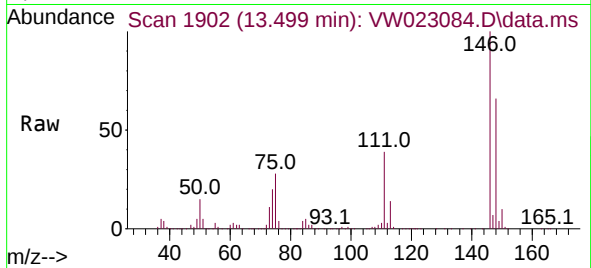




#64
1,3-Dichlorobenzene
Concen: 23.922 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

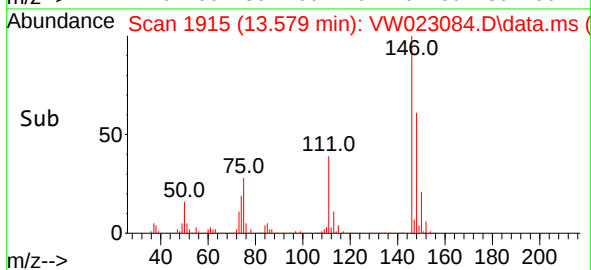
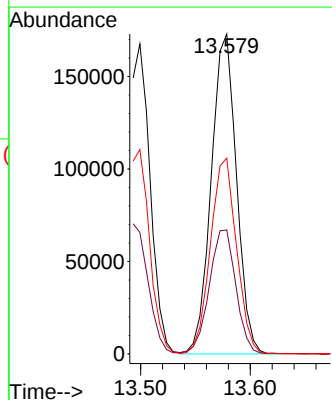
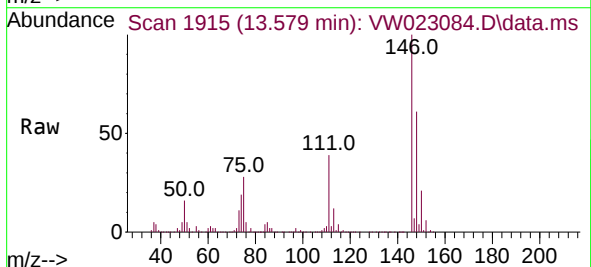
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

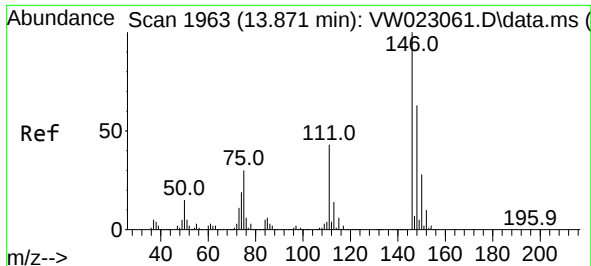
Tgt Ion:146 Resp: 272252
Ion Ratio Lower Upper
146 100
111 39.2 29.5 54.9
148 65.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.586 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023084.D
Acq: 17 May 2022 04:44

Tgt Ion:146 Resp: 277267
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.4
148 61.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.400 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

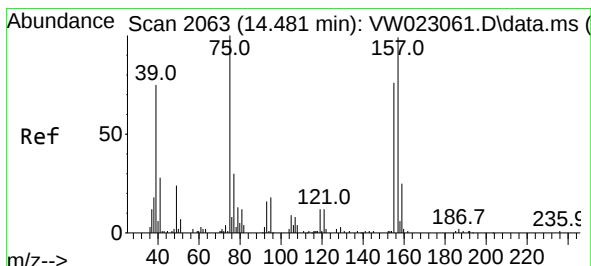
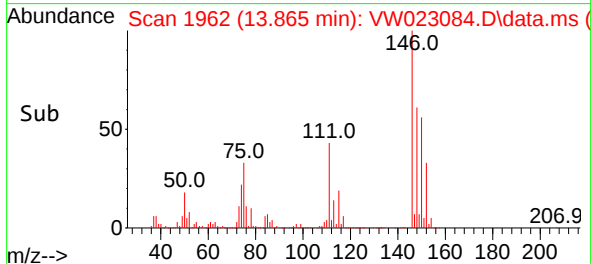
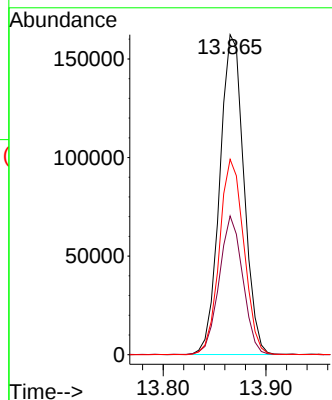
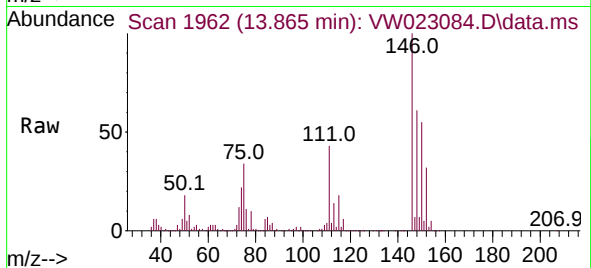
Tgt Ion:146 Resp: 264529

Ion Ratio Lower Upper

146 100

111 43.4 35.7 53.5

148 61.1 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.567 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

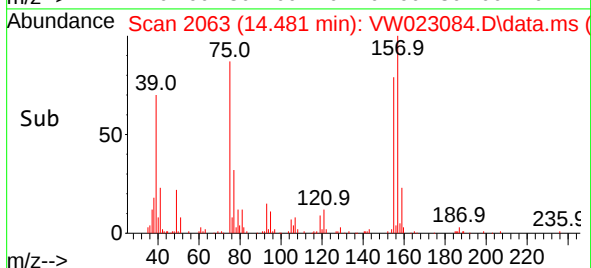
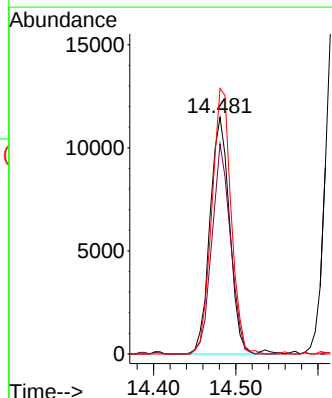
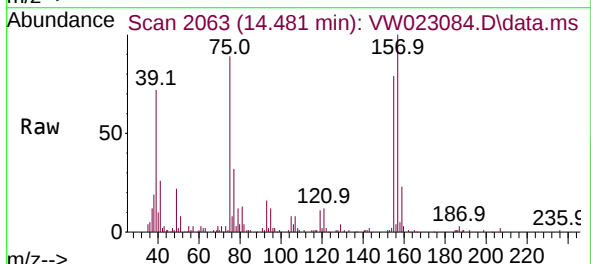
Tgt Ion: 75 Resp: 19149

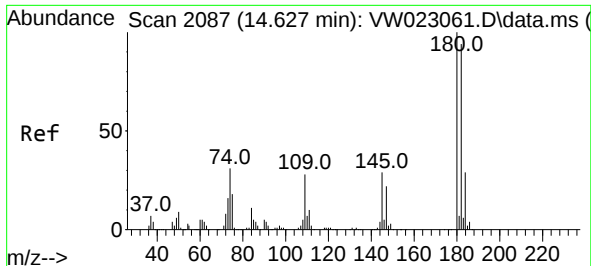
Ion Ratio Lower Upper

75 100

155 88.8 59.3 88.9

157 112.2 89.8 134.8

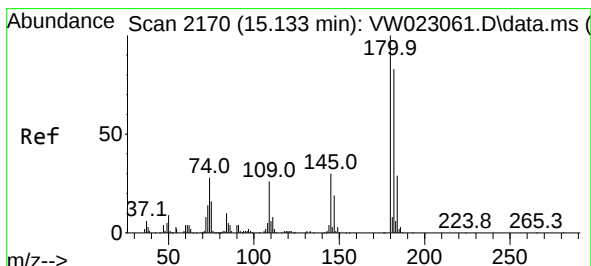
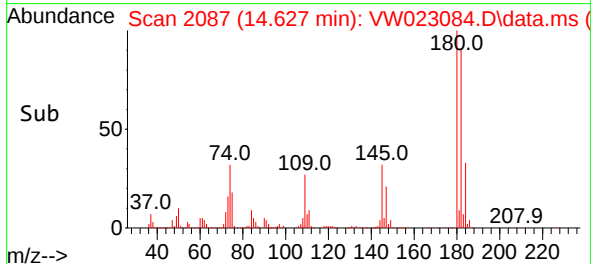
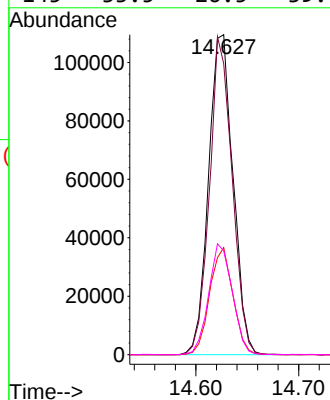
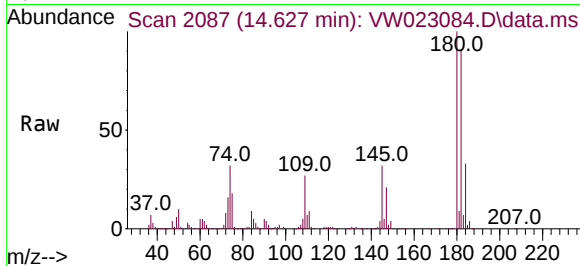




#69
 1,3,5-Trichlorobenzene
 Concen: 23.977 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW023084.D
 Acq: 17 May 2022 04:44

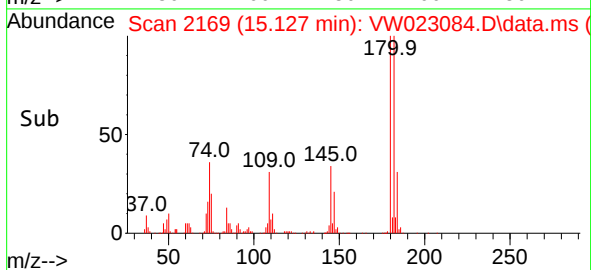
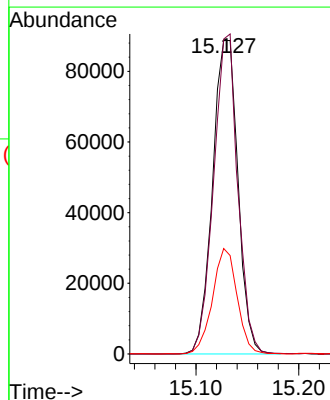
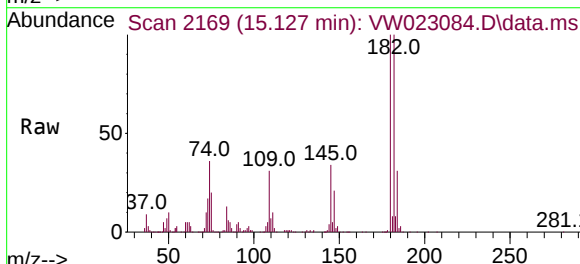
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

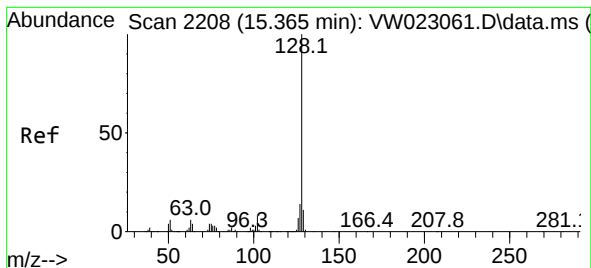
Tgt Ion:	180	Resp:	181138
Ion Ratio	Lower	Upper	
180	100		
182	91.9	74.8	112.2
184	31.9	23.4	35.2
145	33.5	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.037 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW023084.D
 Acq: 17 May 2022 04:44

Tgt Ion:	180	Resp:	152150
Ion Ratio	Lower	Upper	
180	100		
182	97.2	74.9	112.3
145	32.6	26.6	39.8





#71

Naphthalene

Concen: 27.066 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

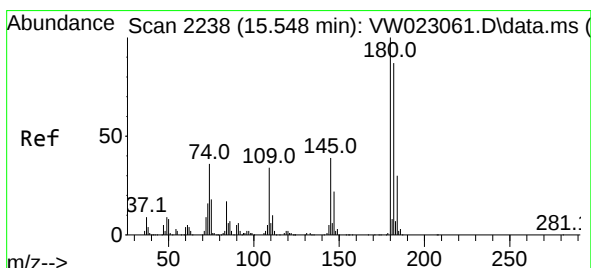
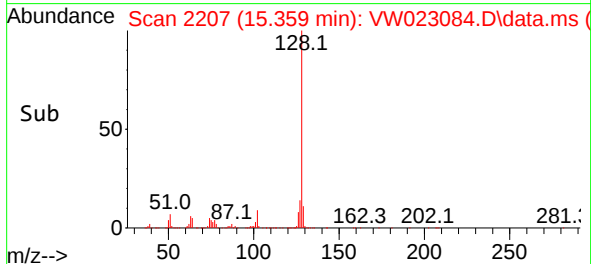
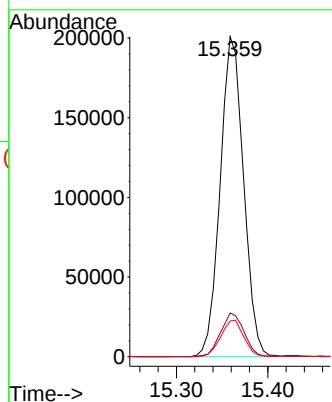
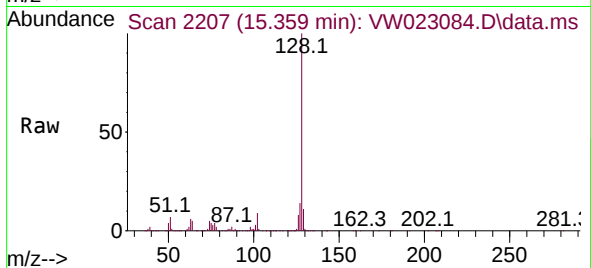
Tgt Ion:128 Resp: 357498

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.873 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023084.D

Acq: 17 May 2022 04:44

Tgt Ion:180 Resp: 139353

Ion Ratio Lower Upper

180 100

182 98.9 73.5 110.3

145 35.1 27.9 41.9

