

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052322\
 Data File : VW023236.D
 Acq On : 23 May 2022 08:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Quant Time: May 24 01:24:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 21 01:30:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	353043	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	346298	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	125144	17.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.120%
7) Chloroethane-d5	2.885	69	87721	18.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.480%
11) 1,1-Dichloroethene-d2	4.019	63	180689	19.306	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	7.080	46	51658	37.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.020%
24) Chloroform-d	7.647	84	214490	20.737	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.960%
26) 1,2-Dichloroethane-d4	8.305	65	116690	20.570	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.280%
32) Benzene-d6	8.275	84	408993	20.490	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.960%
36) 1,2-Dichloropropane-d6	9.274	67	119819	21.370	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.480%
41) Toluene-d8	10.323	98	399312	20.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.840%
43) trans-1,3-Dichloroprop...	10.579	79	53525	20.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.920%
47) 2-Hexanone-d5	10.920	63	41880	39.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111167	21.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	147728	21.002	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	46142	23.975	ug/L	95
3) Chloromethane	2.215	50	113414	30.496	ug/L	99
5) Vinyl chloride	2.361	62	171798	23.018	ug/L	98
6) Bromomethane	2.776	94	90077	18.797	ug/L	95
8) Chloroethane	2.922	64	80940	22.484	ug/L	99
9) Trichlorofluoromethane	2.357	101	80629	23.636	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117764	23.087	ug/L	98
12) 1,1-Dichloroethene	4.037	96	104547	23.121	ug/L	87
13) Acetone	4.123	43	42888	41.596	ug/L	99
14) Carbon disulfide	4.379	76	293096	23.643	ug/L	99
15) Methyl Acetate	4.672	43	46316	22.360	ug/L	97
16) Methylene chloride	4.915	84	115280	22.316	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	121052	23.790	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	183501	23.623	ug/L	98
19) 1,1-Dichloroethane	6.214	63	204910	23.760	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	129612	23.715	ug/L #	98
22) 2-Butanone	7.165	43	64929	45.029	ug/L	99
23) Bromochloromethane	7.512	128	59615	23.291	ug/L	93
25) Chloroform	7.677	83	236621	24.813	ug/L	97

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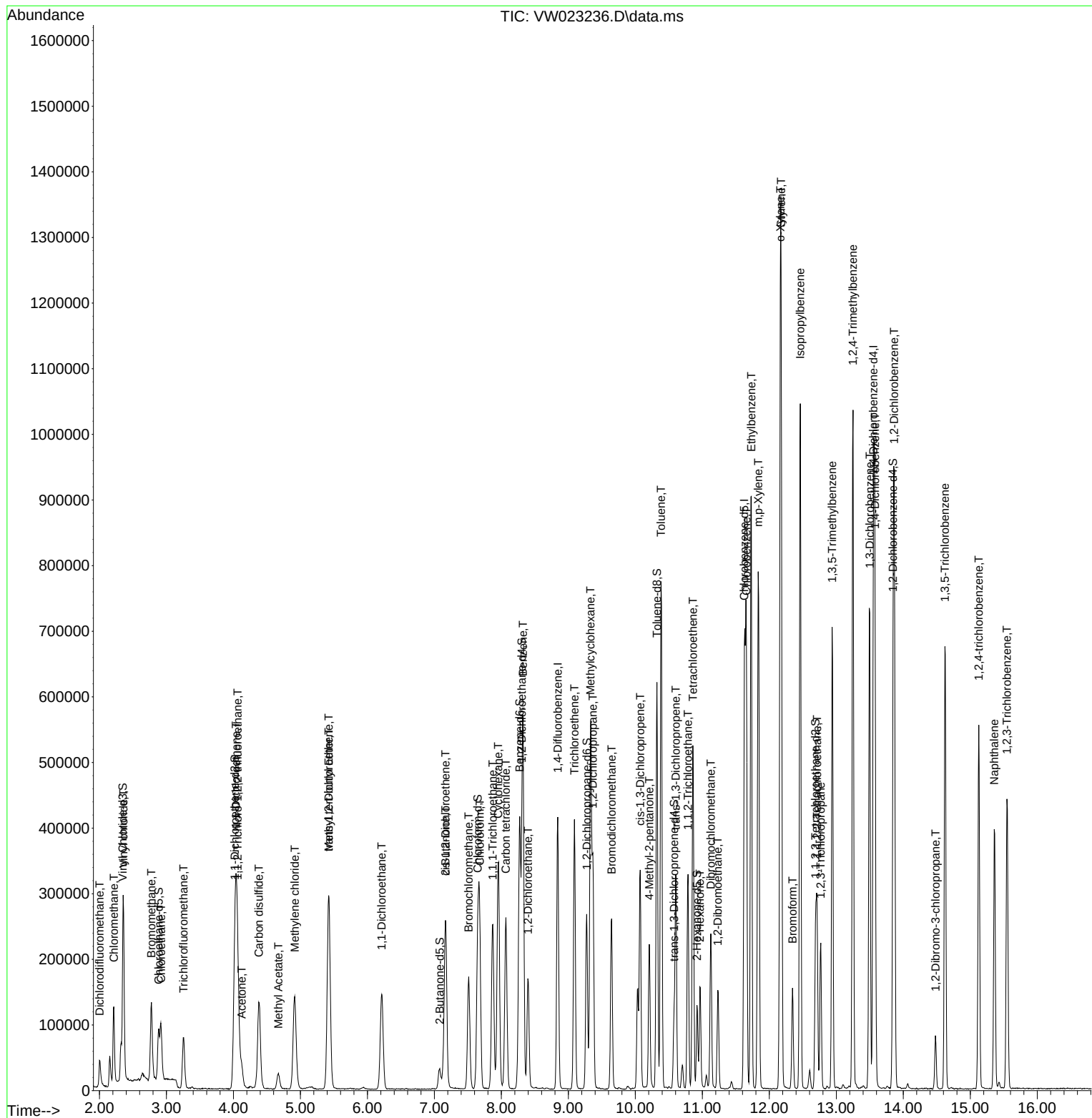
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	152363	23.969	ug/L	98
29) Cyclohexane	7.951	56	186691	24.927	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	202487	24.743	ug/L	99
31) Carbon tetrachloride	8.067	117	186264	24.332	ug/L	99
33) Benzene	8.323	78	502501	24.632	ug/L	100
34) Trichloroethene	9.091	95	136148	24.267	ug/L	97
35) Methylcyclohexane	9.329	83	229668	24.919	ug/L	98
37) 1,2-Dichloropropane	9.366	63	118282	23.959	ug/L	100
38) Bromodichloromethane	9.646	83	167768	23.925	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	192093	25.094	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	138189	44.410	ug/L	99
42) Toluene	10.384	91	574157	25.113	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	170968	25.023	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	99371	24.078	ug/L	98
46) Tetrachloroethene	10.859	164	108173	25.656	ug/L	87
48) 2-Hexanone	10.963	43	97382	46.839	ug/L	97
49) Dibromochloromethane	11.128	129	116503	23.455	ug/L	95
50) 1,2-Dibromoethane	11.231	107	97380	23.499	ug/L	94
51) Chlorobenzene	11.658	112	369797	24.535	ug/L	99
52) Ethylbenzene	11.731	91	644489	25.338	ug/L	100
53) m,p-Xylene	11.835	106	256511	25.595	ug/L	90
54) o-Xylene	12.164	106	242804	25.246	ug/L	98
55) Styrene	12.176	104	420951	25.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121047	23.482	ug/L	97
59) Bromoform	12.347	173	63179	22.155	ug/L	99
60) Isopropylbenzene	12.463	105	668044	24.234	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86902	21.614	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	366535	23.900	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	560229	24.329	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	300581	24.423	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	300459	23.635	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	266616	23.673	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18970	21.589	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.621	180	202971	24.845	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166975	25.408	ug/L	95
71) Naphthalene	15.359	128	332639	23.288	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	148757	25.540	ug/L	98

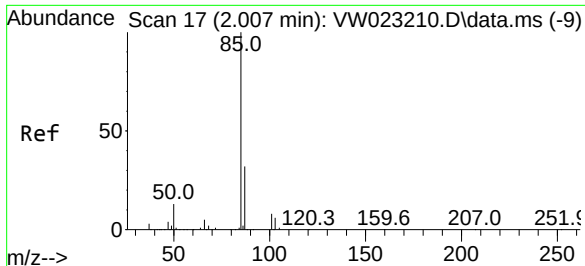
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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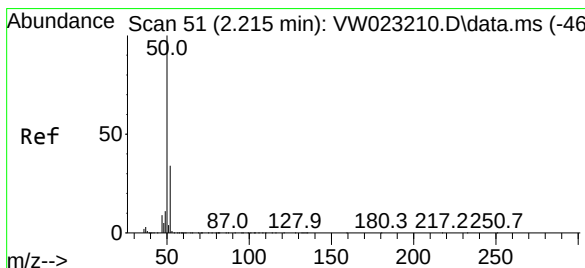
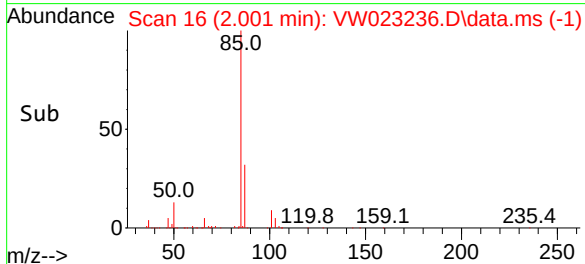
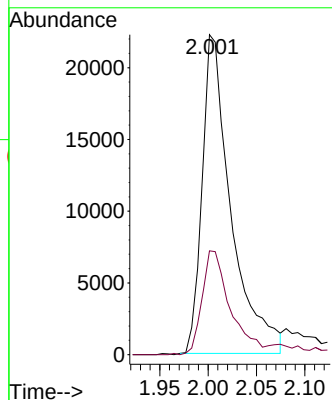
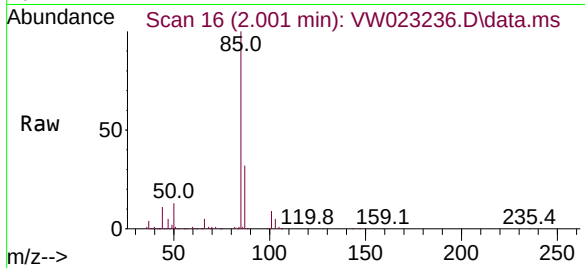




#2
 Dichlorodifluoromethane
 Concen: 23.975 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023236.D
 Acq: 23 May 2022 08:48

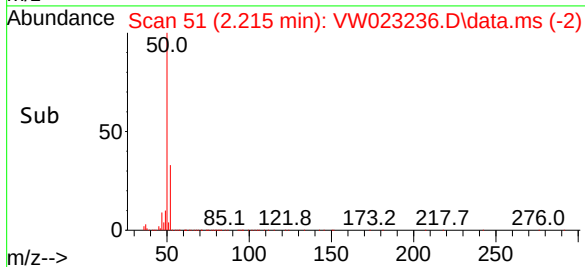
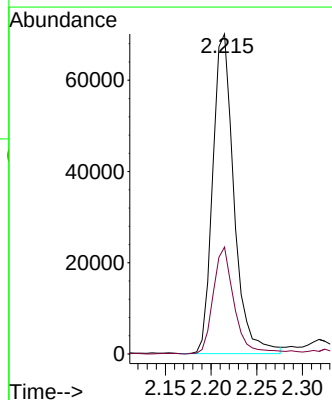
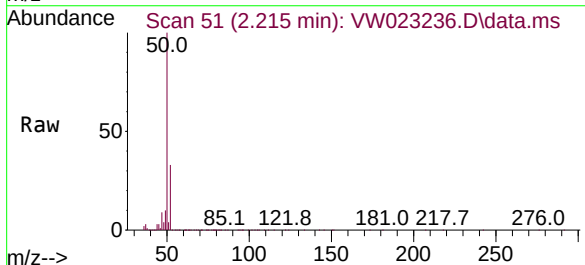
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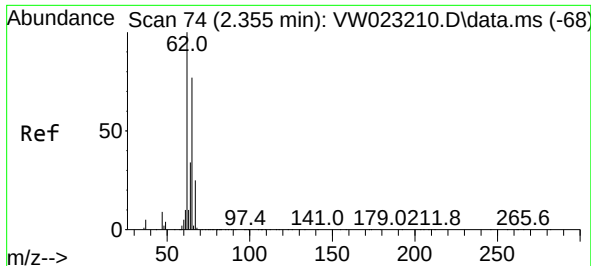
Tgt Ion: 85 Resp: 46142
 Ion Ratio Lower Upper
 85 100
 87 31.7 27.8 41.8



#3
 Chloromethane
 Concen: 30.496 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023236.D
 Acq: 23 May 2022 08:48

Tgt Ion: 50 Resp: 113414
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.1 42.9

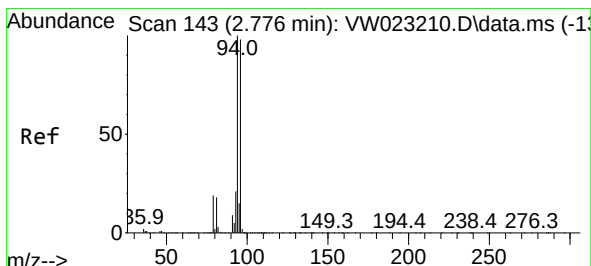
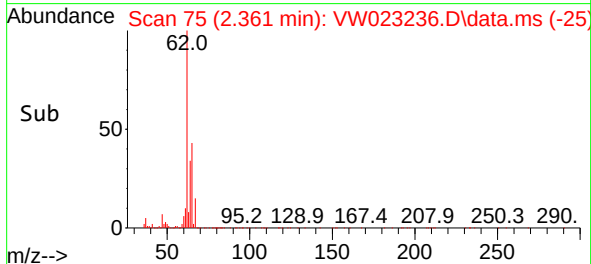
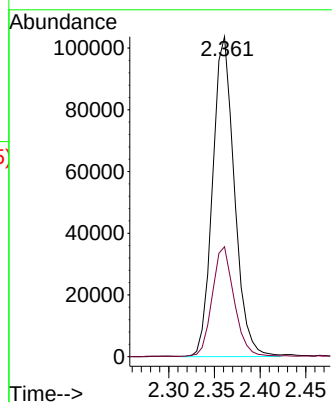
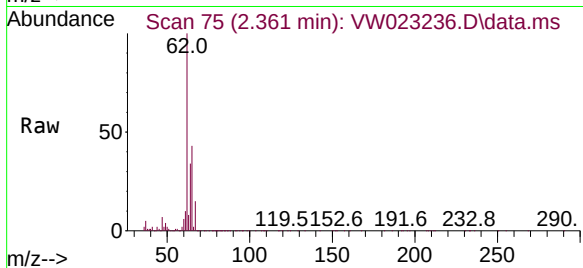




#5
 Vinyl chloride
 Concen: 23.018 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW023236.D
 Acq: 23 May 2022 08:48

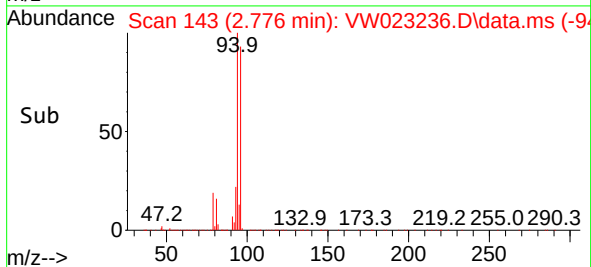
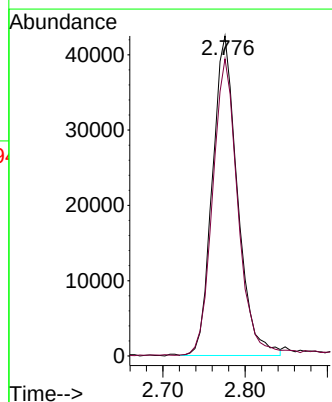
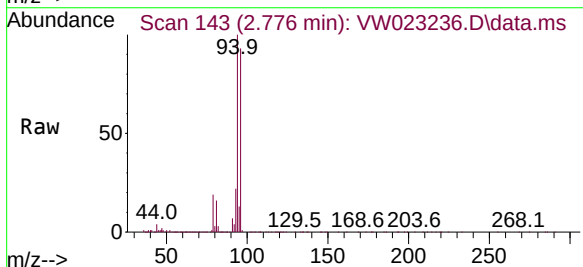
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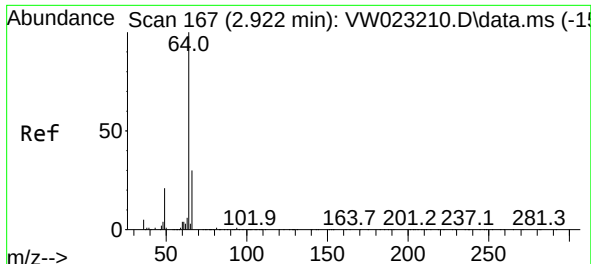
Tgt Ion: 62 Resp: 171798
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.9 46.3



#6
 Bromomethane
 Concen: 18.797 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023236.D
 Acq: 23 May 2022 08:48

Tgt Ion: 94 Resp: 90077
 Ion Ratio Lower Upper
 94 100
 96 92.8 61.7 114.5

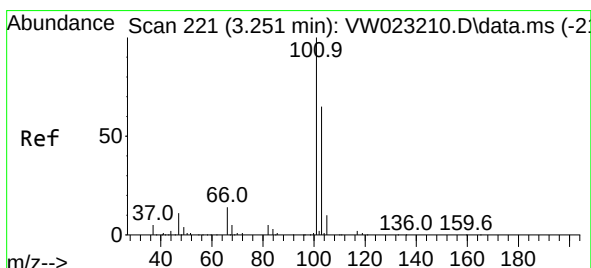
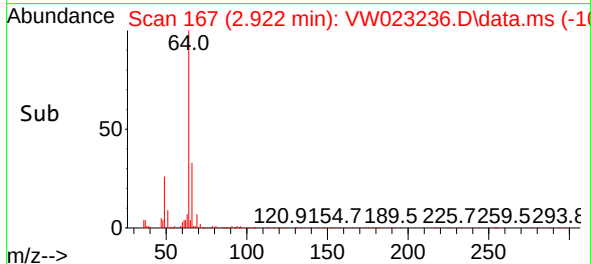
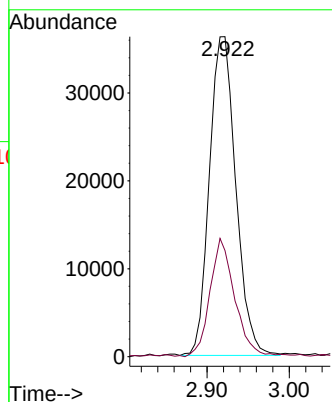
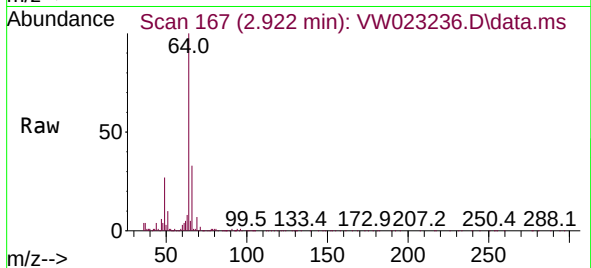




#8
Chloroethane
Concen: 22.484 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

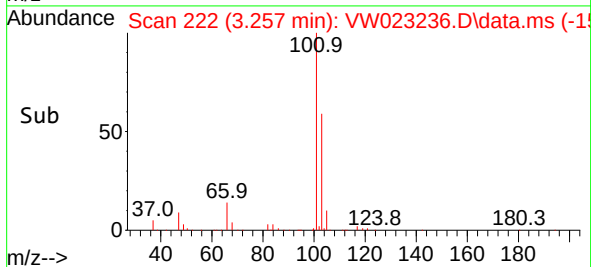
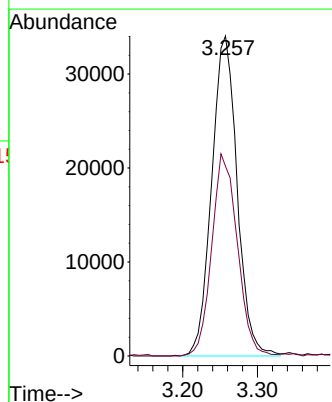
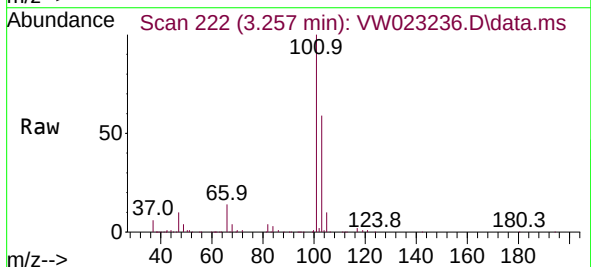
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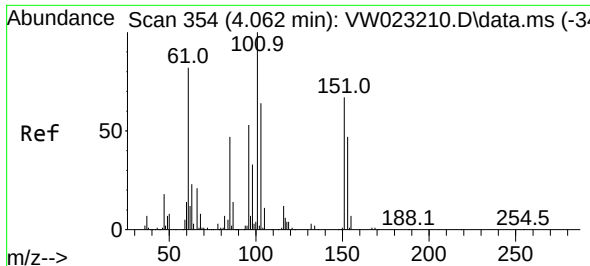
Tgt Ion: 64 Resp: 80940
Ion Ratio Lower Upper
64 100
66 33.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.636 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 101 Resp: 80629
Ion Ratio Lower Upper
101 100
103 63.5 53.9 80.9

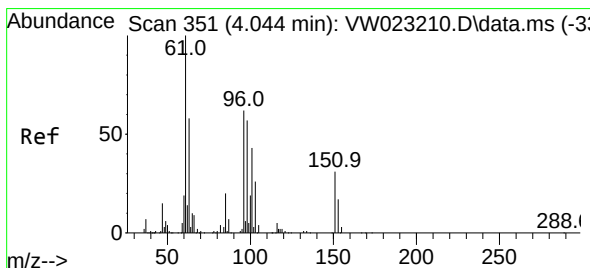
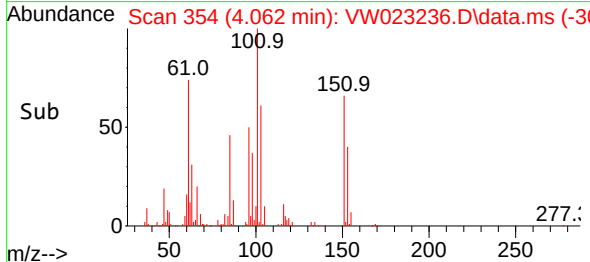
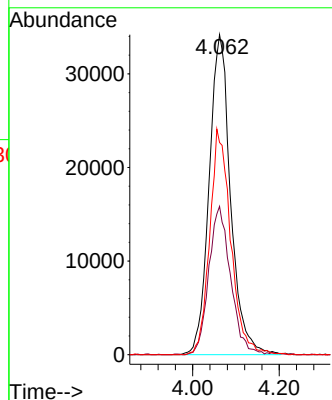
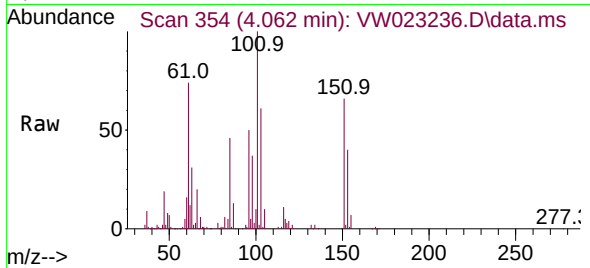




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.087 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023236.D
 Acq: 23 May 2022 08:48

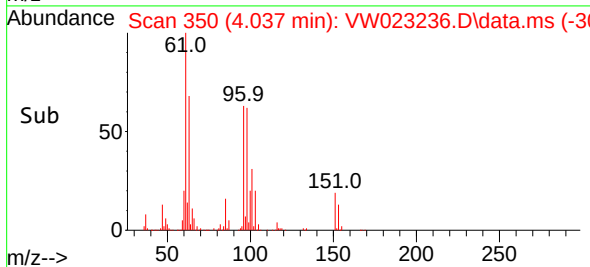
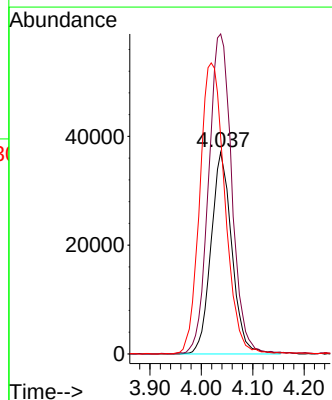
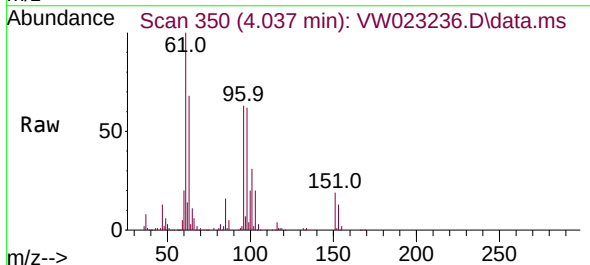
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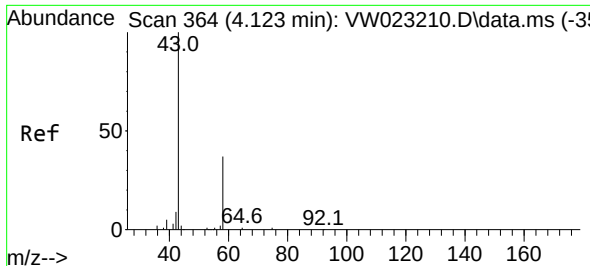
Tgt Ion:101 Resp: 117764
 Ion Ratio Lower Upper
 101 100
 85 46.4 34.3 51.5
 151 67.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.121 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023236.D
 Acq: 23 May 2022 08:48

Tgt Ion: 96 Resp: 104547
 Ion Ratio Lower Upper
 96 100
 61 158.7 125.7 233.5
 63 107.5 83.4 155.0

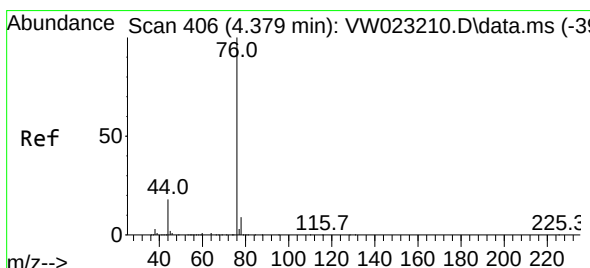
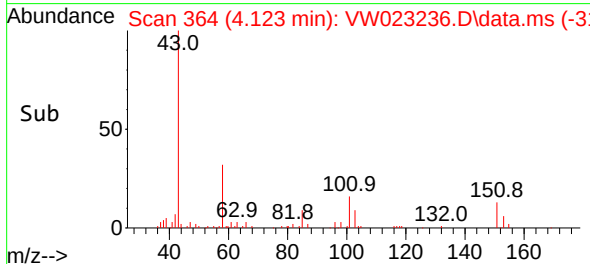
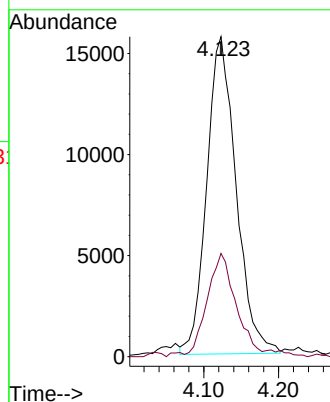
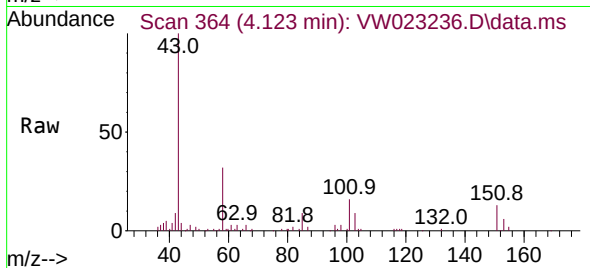




#13
Acetone
Concen: 41.596 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

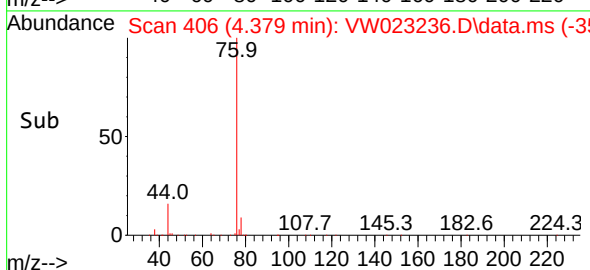
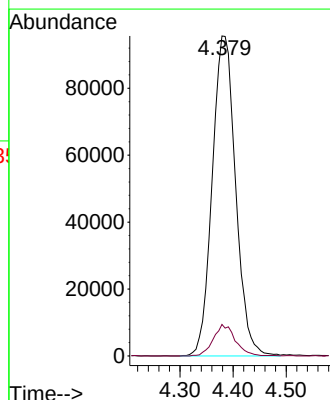
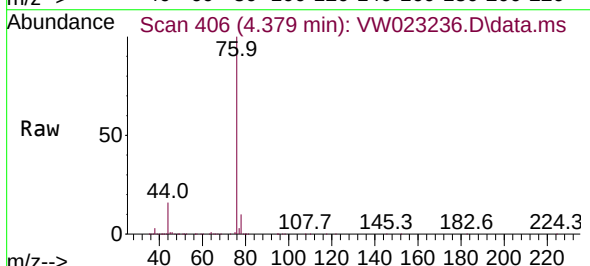
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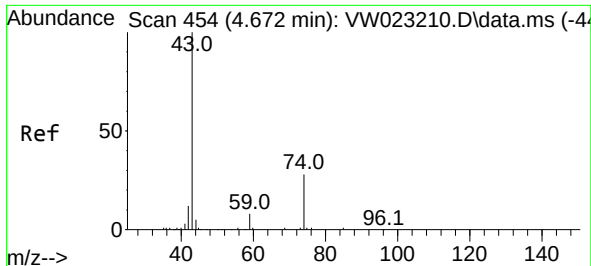
Tgt Ion: 43 Resp: 42888
Ion Ratio Lower Upper
43 100
58 31.7 0.0 64.0



#14
Carbon disulfide
Concen: 23.643 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 293096
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5

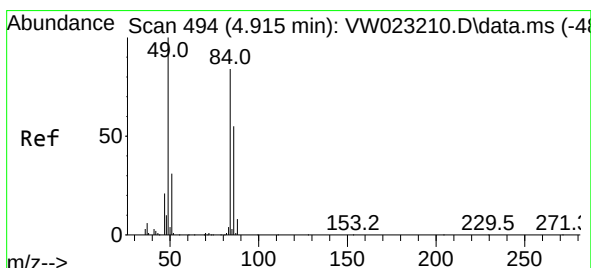
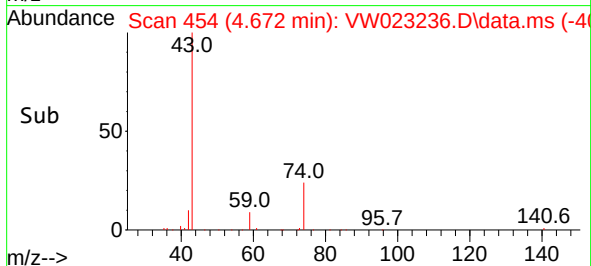
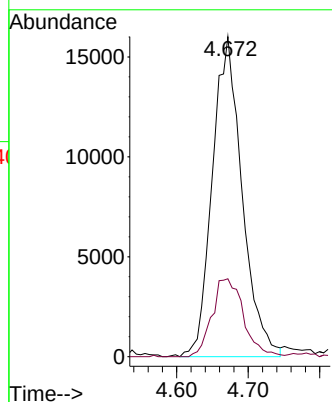
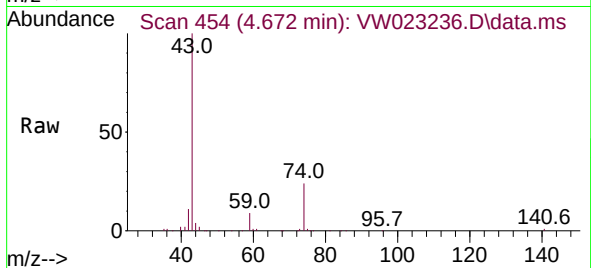




#15
Methyl Acetate
Concen: 22.360 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

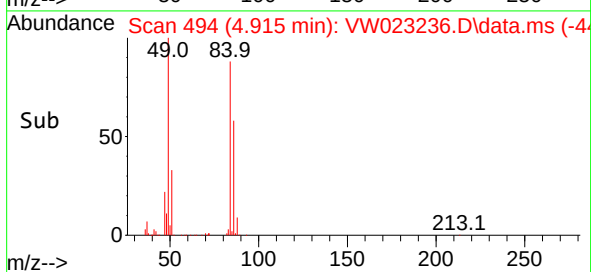
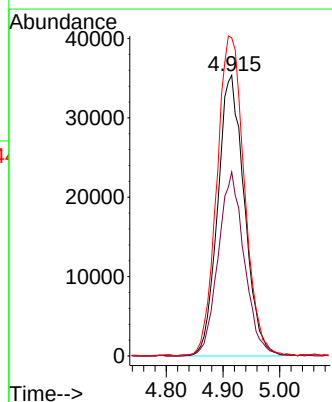
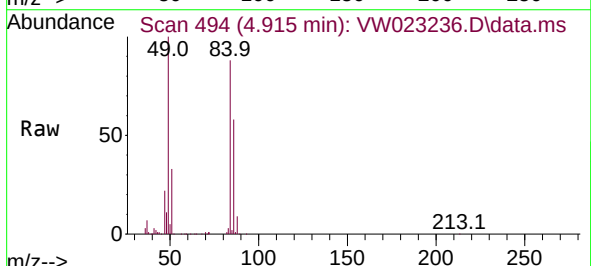
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

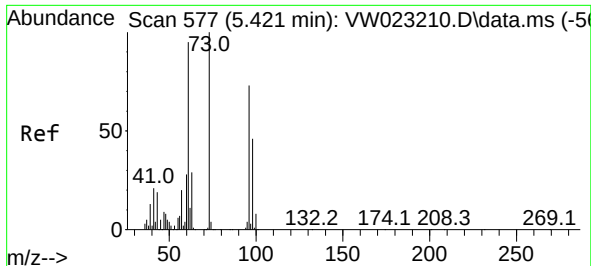
Tgt Ion: 43 Resp: 46316
Ion Ratio Lower Upper
43 100
74 25.7 21.9 32.9



#16
Methylene chloride
Concen: 22.316 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 84 Resp: 115280
Ion Ratio Lower Upper
84 100
86 65.6 45.4 84.4
49 113.4 82.5 153.1

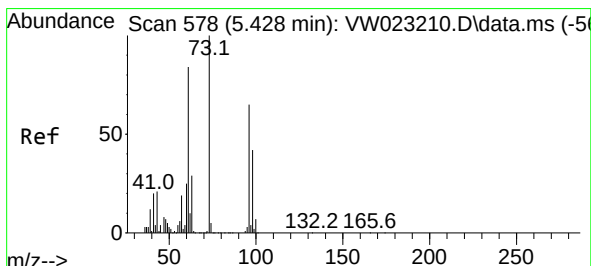
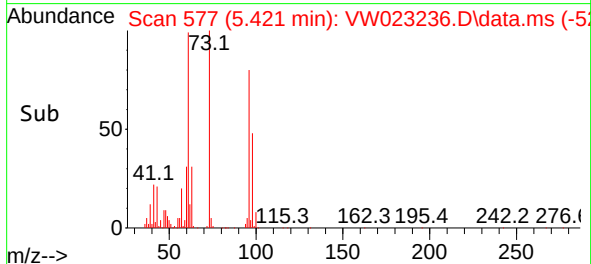
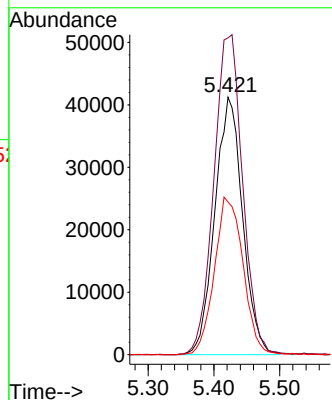
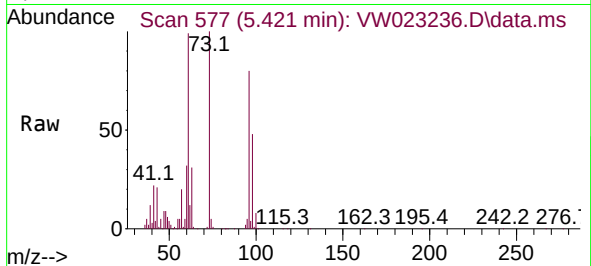




#17
trans-1,2-Dichloroethene
Concen: 23.790 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

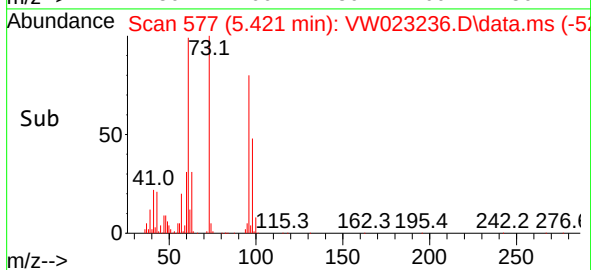
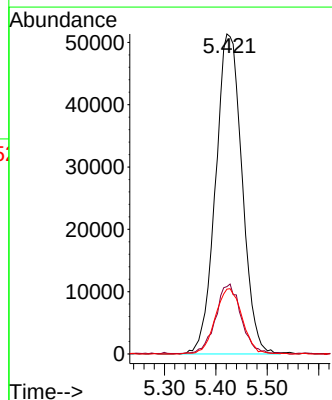
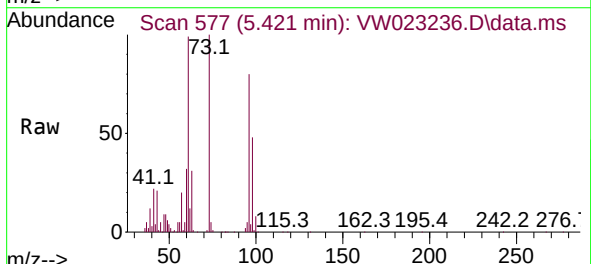
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

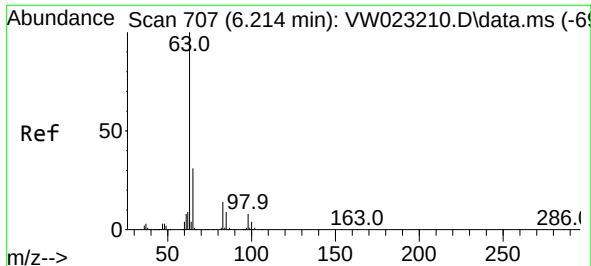
Tgt Ion: 96 Resp: 121052
Ion Ratio Lower Upper
96 100
61 123.0 92.2 171.2
98 59.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.623 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 73 Resp: 183501
Ion Ratio Lower Upper
73 100
43 20.8 15.9 23.9
57 19.9 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.760 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

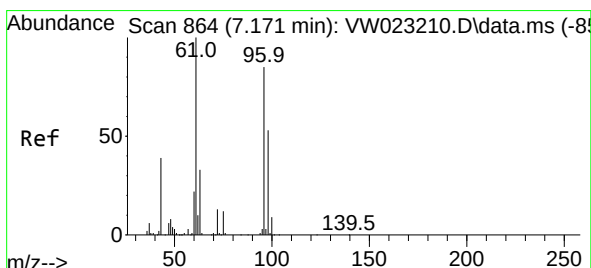
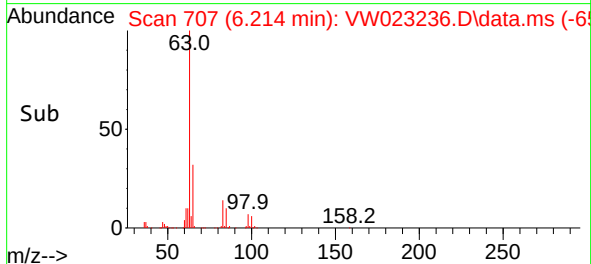
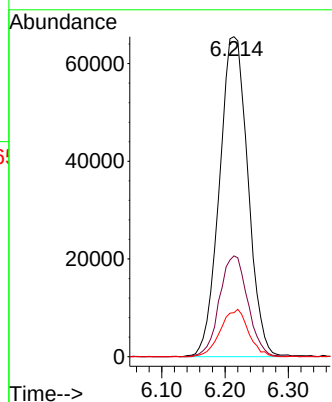
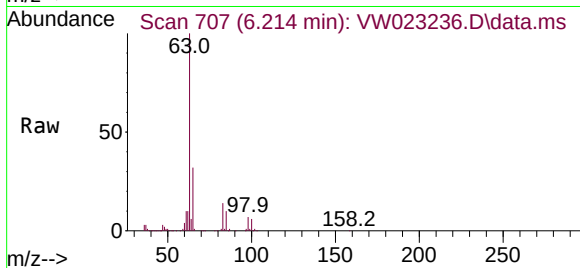
Tgt Ion: 63 Resp: 204910

Ion Ratio Lower Upper

63 100

65 31.5 23.3 43.3

83 13.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.715 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

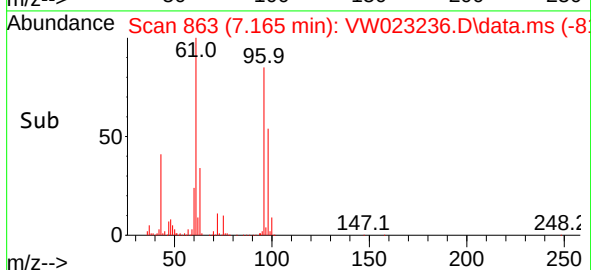
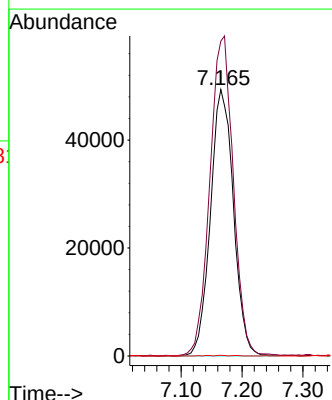
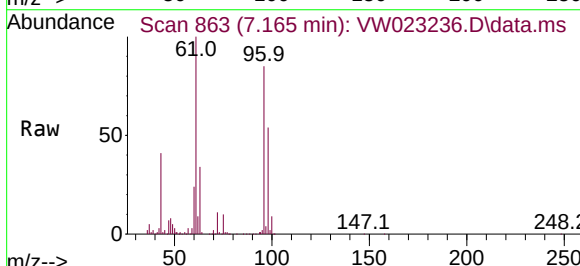
Tgt Ion: 96 Resp: 129612

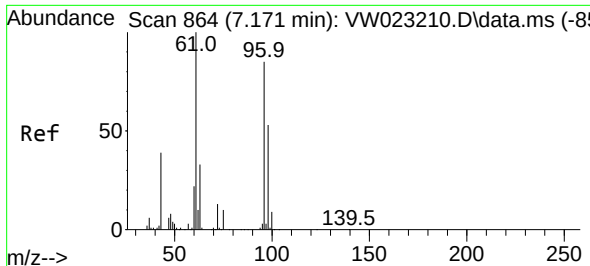
Ion Ratio Lower Upper

96 100

61 118.2 84.2 156.4

68 0.2 0.1 0.1#

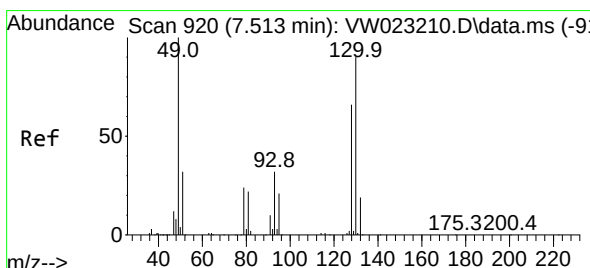
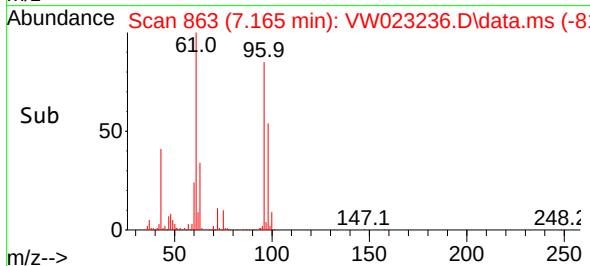
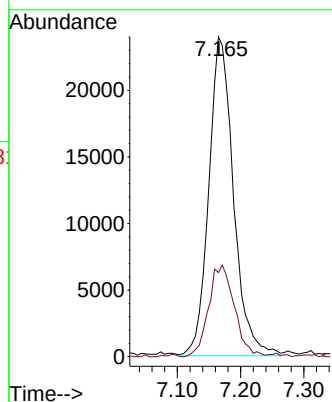
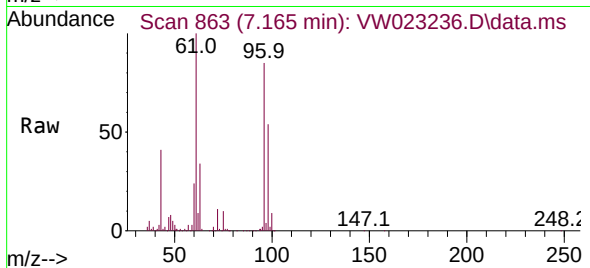




#22
2-Butanone
Concen: 45.029 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

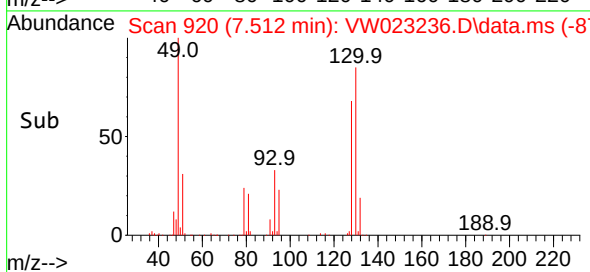
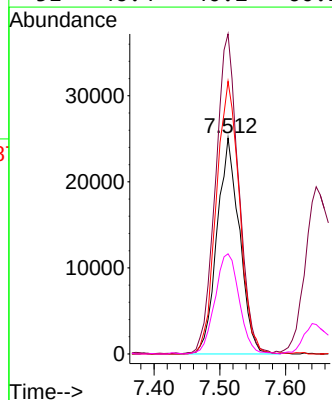
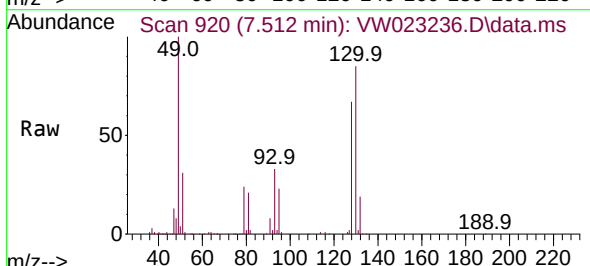
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

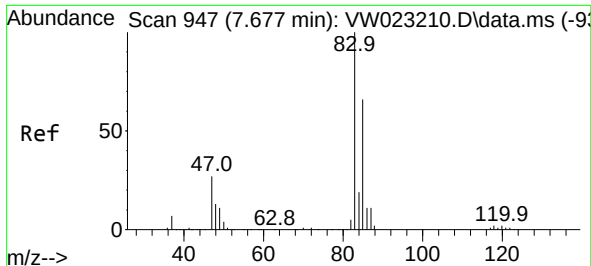
Tgt Ion: 43 Resp: 64929
Ion Ratio Lower Upper
43 100
72 29.5 15.1 45.3



#23
Bromochloromethane
Concen: 23.291 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 128 Resp: 59615
Ion Ratio Lower Upper
128 100
49 148.2 110.0 204.4
130 126.2 94.8 176.0
51 46.4 40.2 60.2

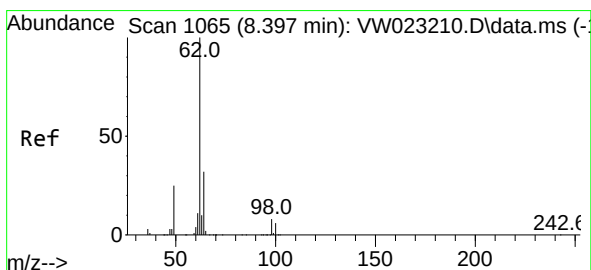
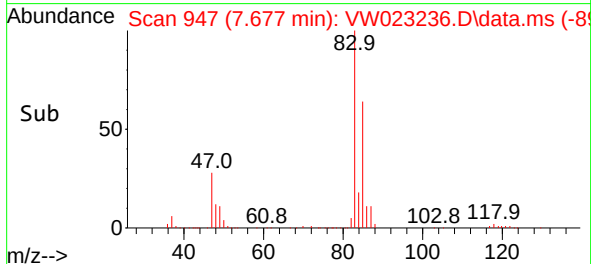
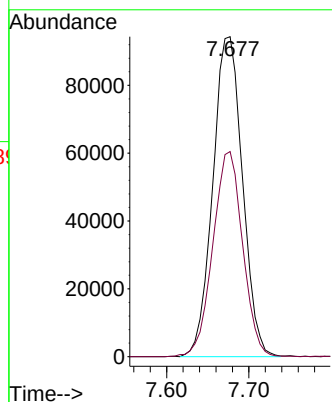
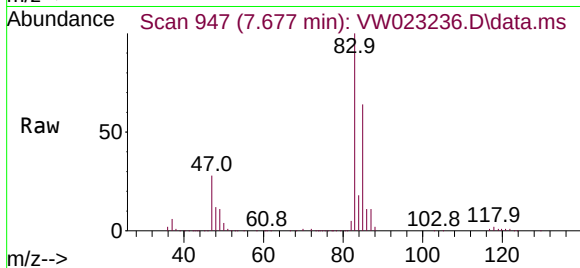




#25
Chloroform
Concen: 24.813 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

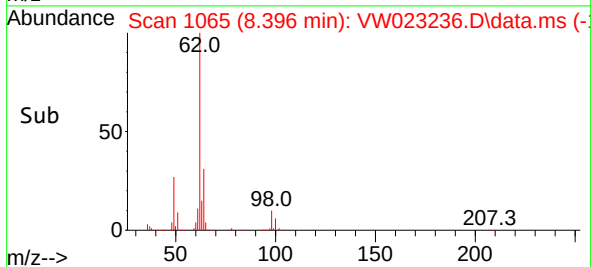
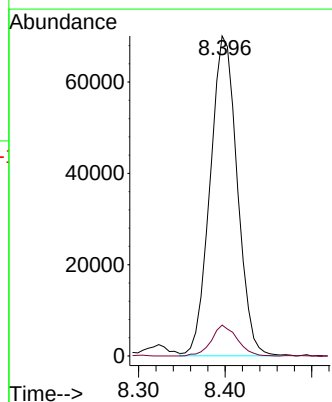
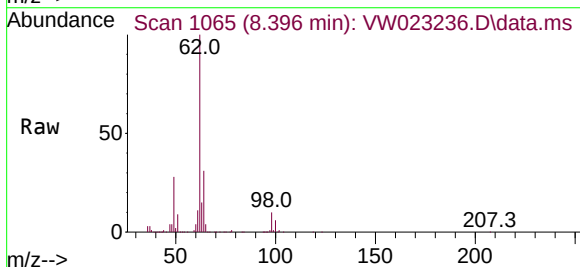
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

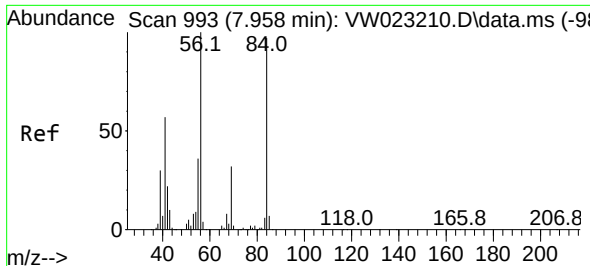
Tgt Ion: 83 Resp: 236621
Ion Ratio Lower Upper
83 100
85 64.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.969 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 62 Resp: 152363
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8

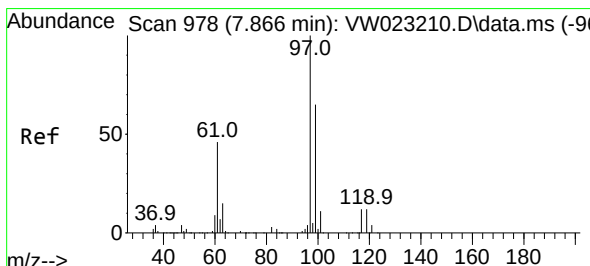
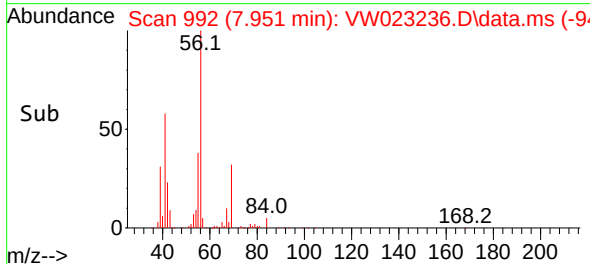
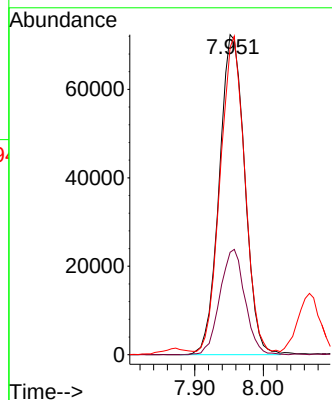
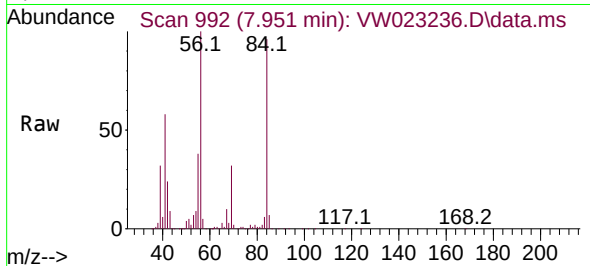




#29
Cyclohexane
Concen: 24.927 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

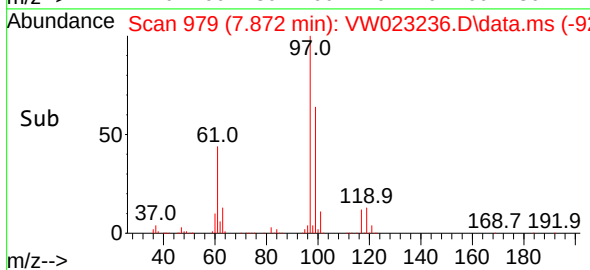
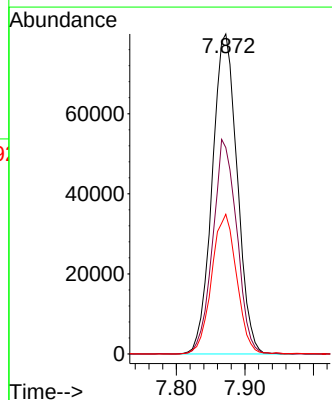
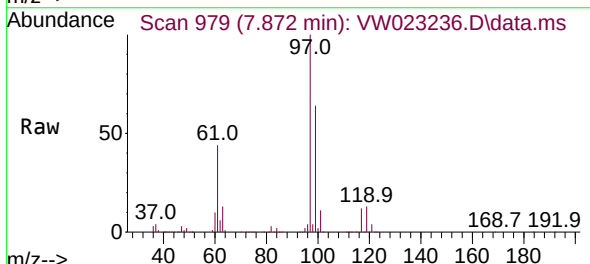
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

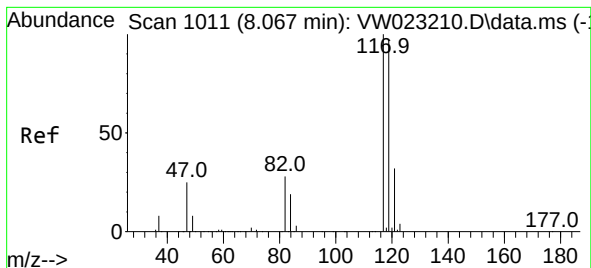
Tgt Ion: 56 Resp: 186691
Ion Ratio Lower Upper
56 100
69 32.3 25.6 38.4
84 96.8 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 24.743 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 97 Resp: 202487
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 43.6 34.8 52.2





#31

Carbon tetrachloride

Concen: 24.332 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

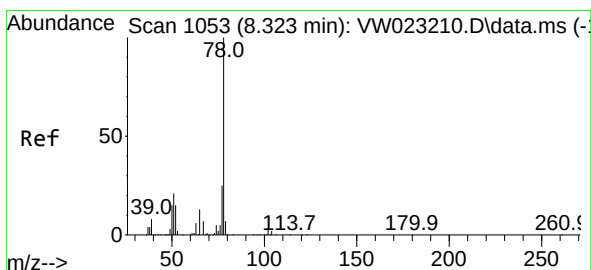
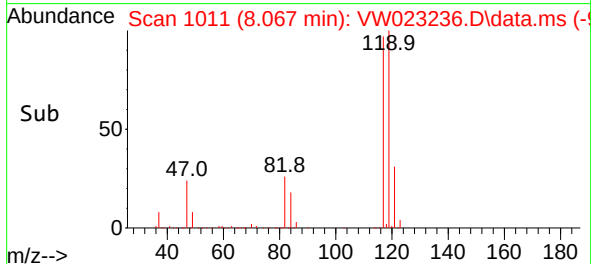
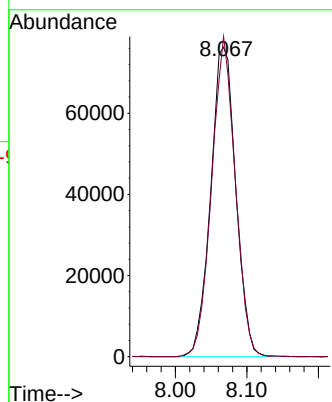
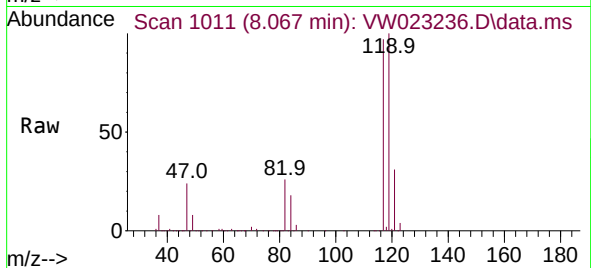
VSTD025546

Tgt Ion:117 Resp: 186264

Ion Ratio Lower Upper

117 100

119 97.1 76.6 115.0



#33

Benzene

Concen: 24.632 ug/L

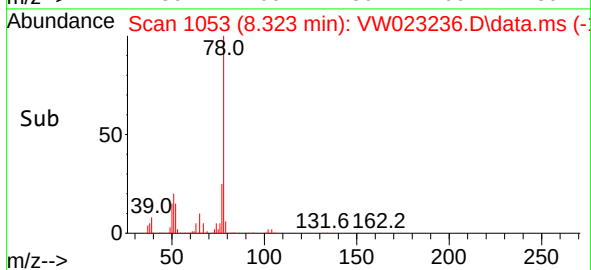
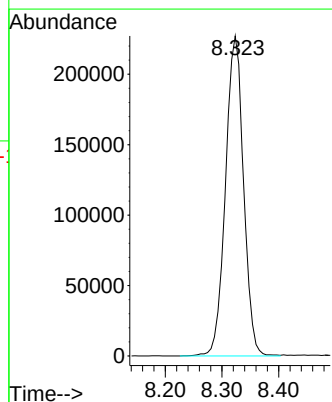
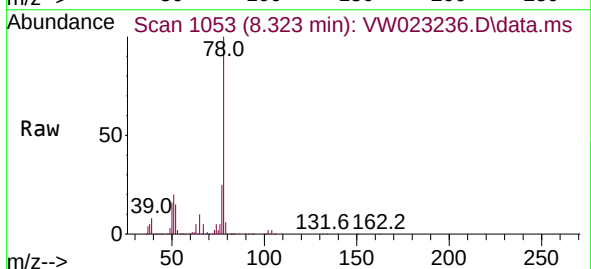
RT: 8.323 min Scan# 1053

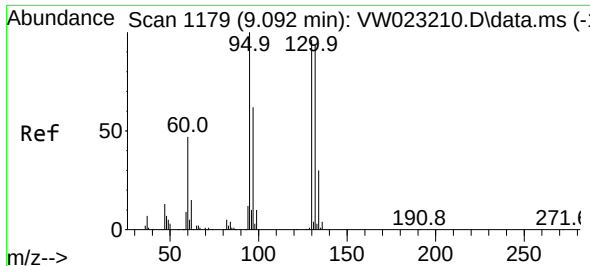
Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Tgt Ion: 78 Resp: 502501



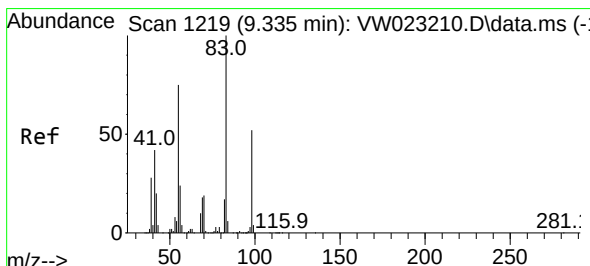
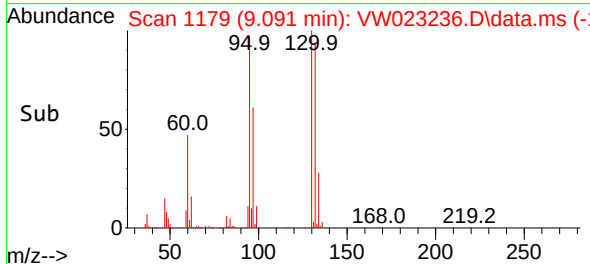
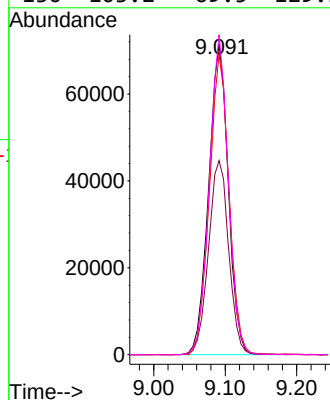
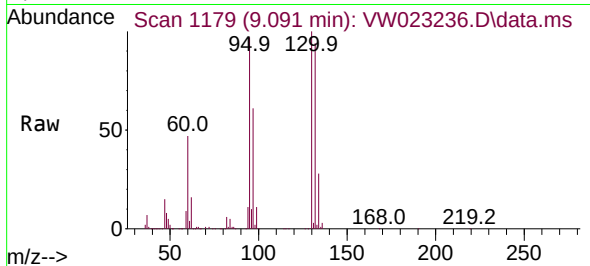


#34
Trichloroethene
Concen: 24.267 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

Tgt Ion: 95 Resp: 136148

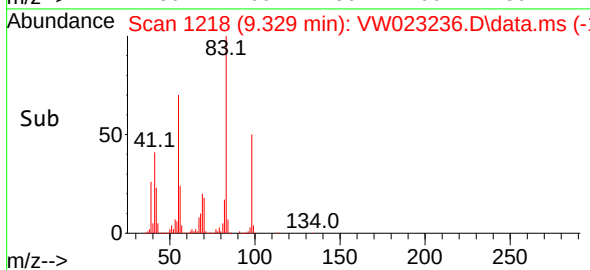
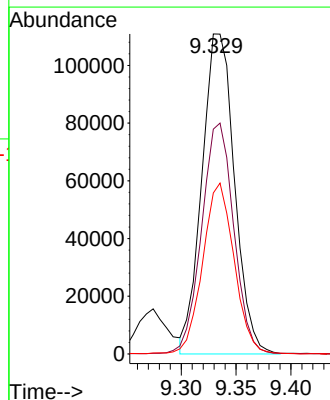
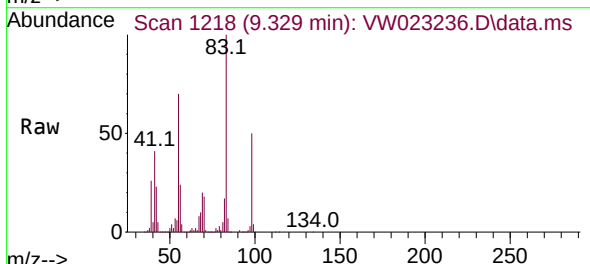
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.1	85.7
132	96.9	66.9	124.3
130	103.2	69.5	129.1

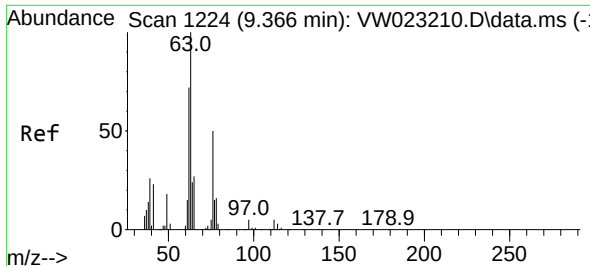


#35
Methylcyclohexane
Concen: 24.919 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 83 Resp: 229668

Ion	Ratio	Lower	Upper
83	100		
55	71.3	55.1	82.7
98	51.5	40.4	60.6





#37

1,2-Dichloropropane

Concen: 23.959 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

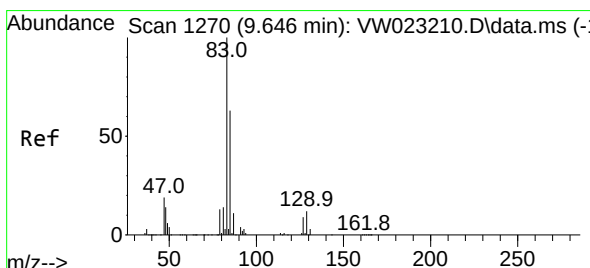
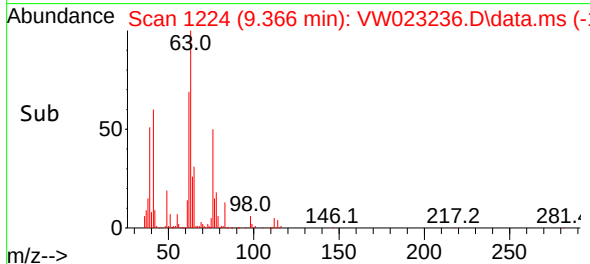
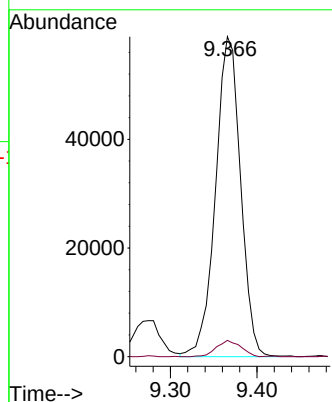
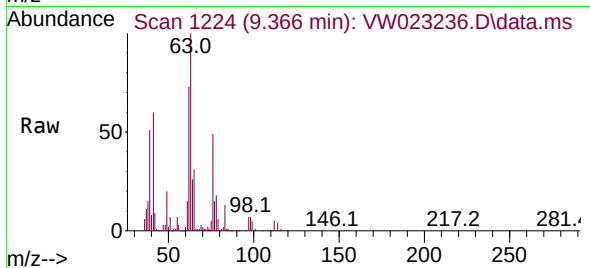
VSTD025546

Tgt Ion: 63 Resp: 118282

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 23.925 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

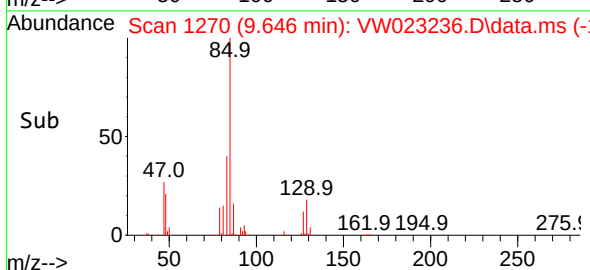
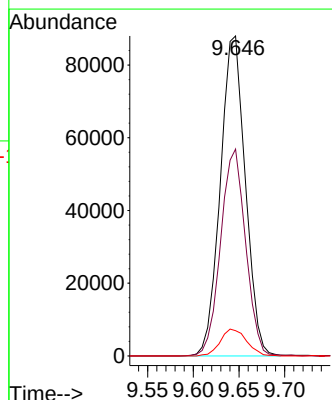
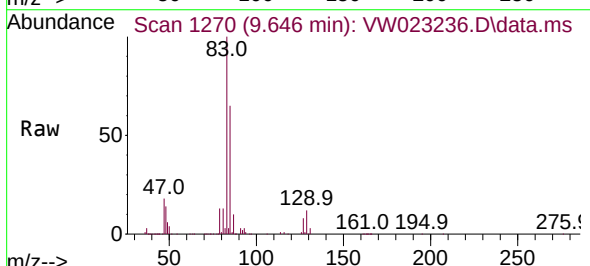
Tgt Ion: 83 Resp: 167768

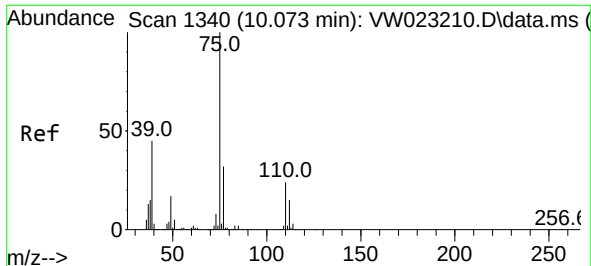
Ion Ratio Lower Upper

83 100

85 64.7 43.5 80.7

127 7.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.094 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

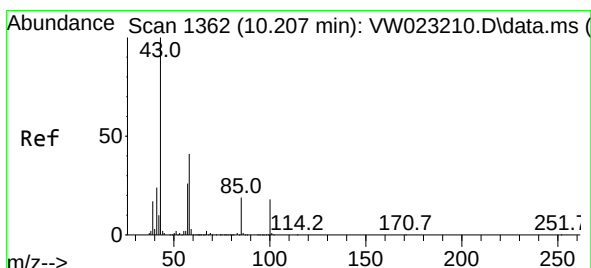
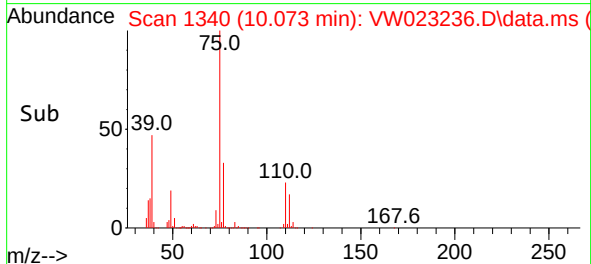
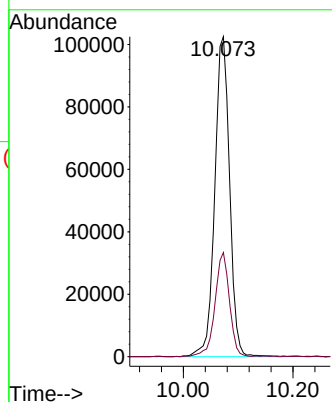
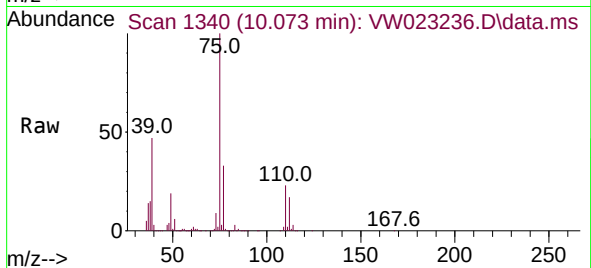
VSTD025546

Tgt Ion: 75 Resp: 192093

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 44.410 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

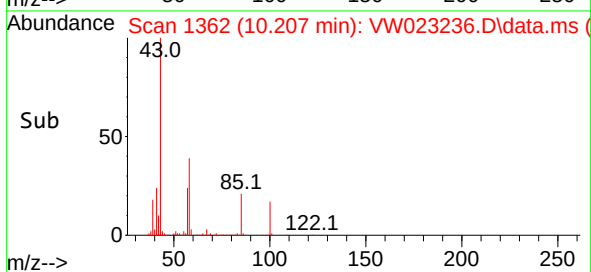
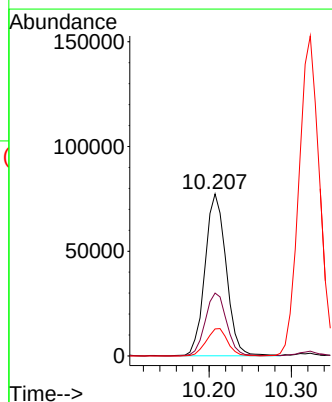
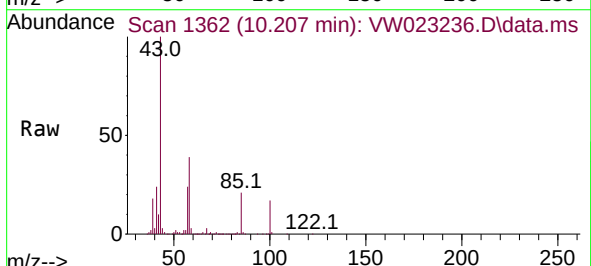
Tgt Ion: 43 Resp: 138189

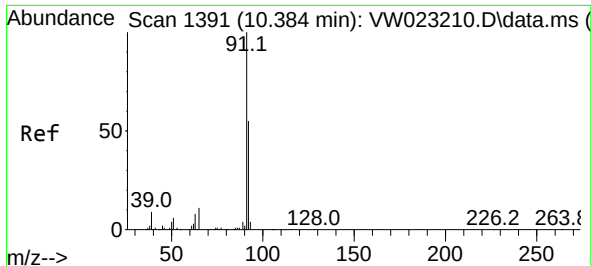
Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2

100 17.0 14.2 21.4

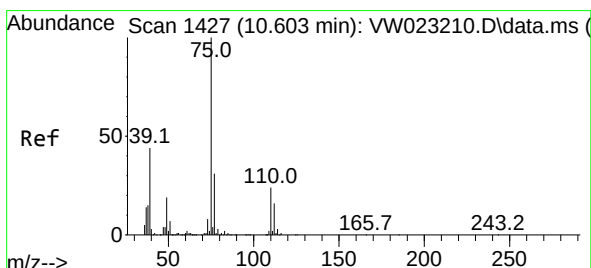
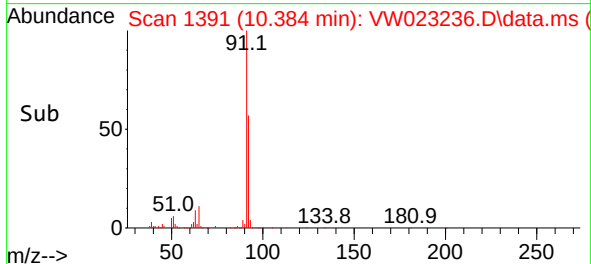
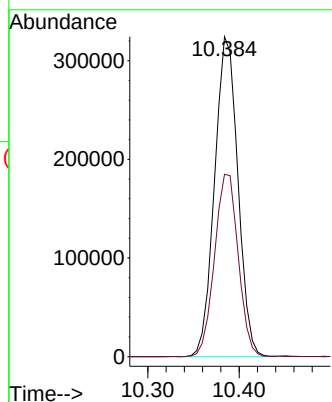
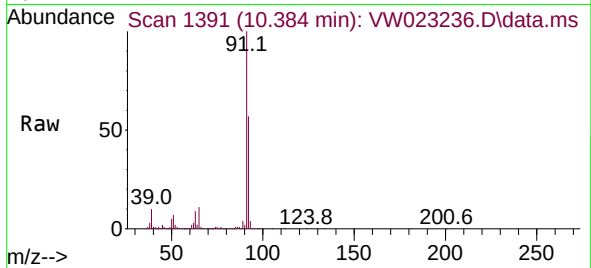




#42
Toluene
Concen: 25.113 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

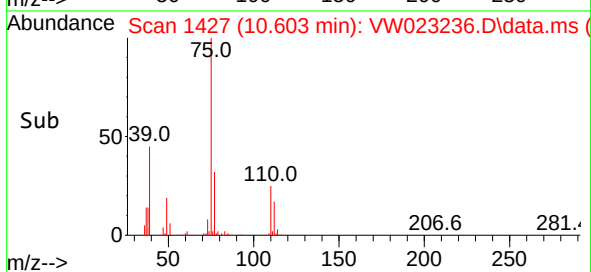
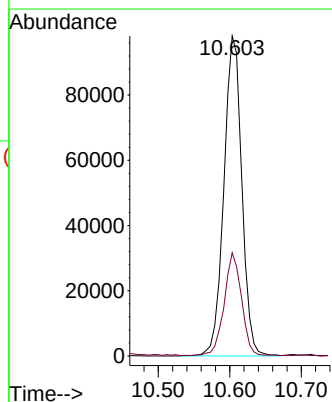
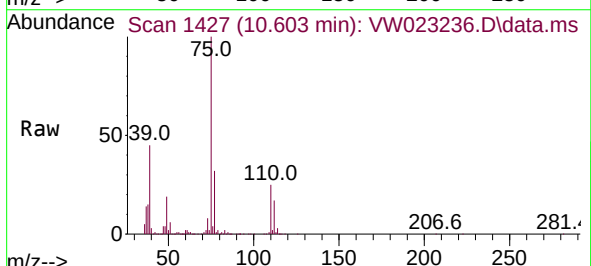
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

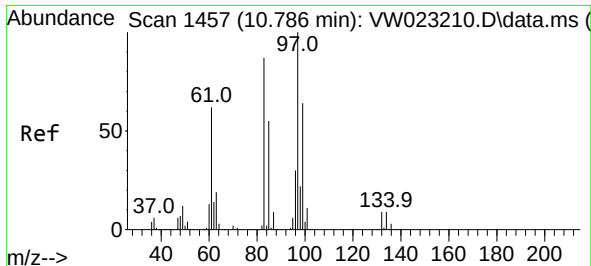
Tgt Ion: 91 Resp: 574157
Ion Ratio Lower Upper
91 100
92 57.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.023 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 75 Resp: 170968
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8

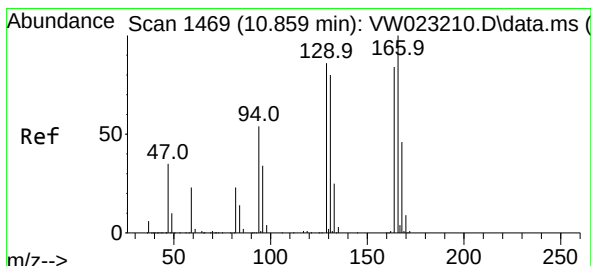
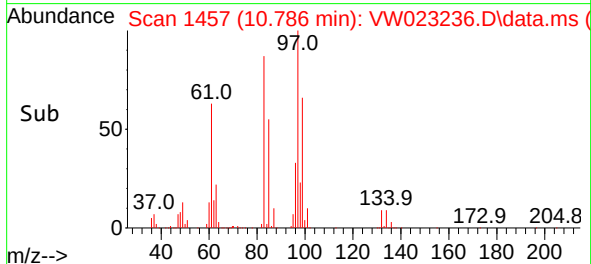
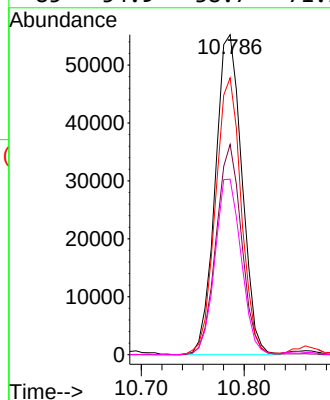
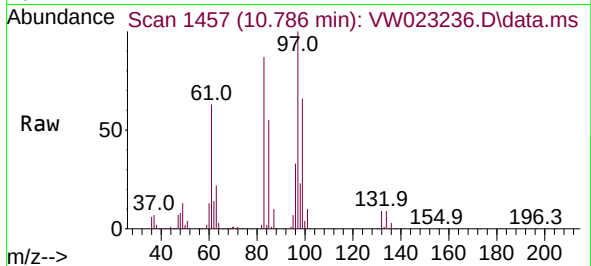




#45
1,1,2-Trichloroethane
Concen: 24.078 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

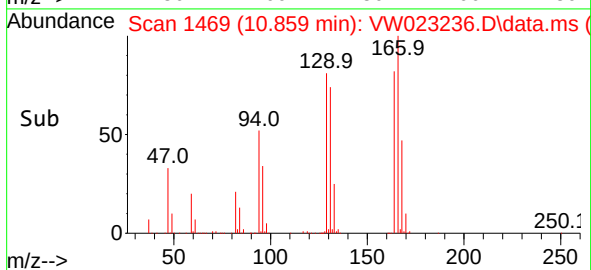
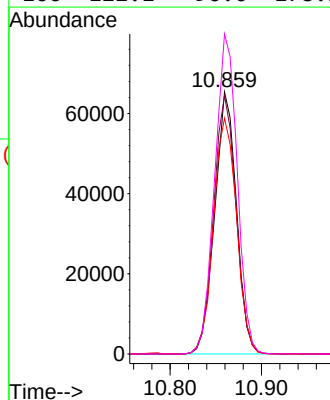
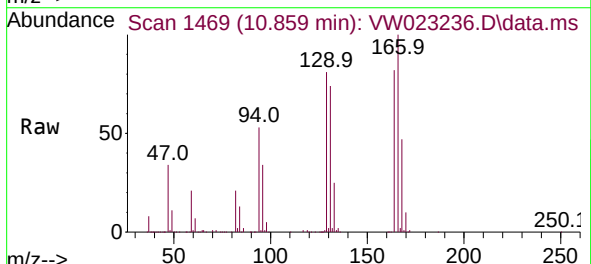
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

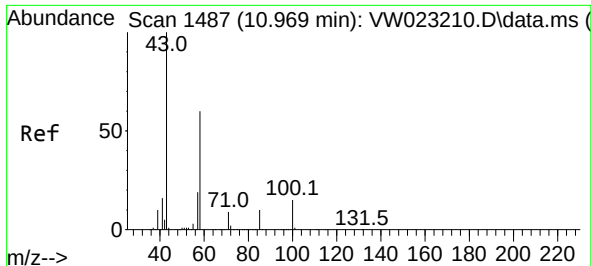
Tgt Ion:	97	Resp:	99371
Ion	Ratio	Lower	Upper
97	100		
99	65.7	44.7	82.9
83	86.5	58.4	108.4
85	54.9	38.7	71.9



#46
Tetrachloroethene
Concen: 25.656 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion:	164	Resp:	108173
Ion	Ratio	Lower	Upper
164	100		
129	98.6	76.9	142.7
131	90.0	75.1	139.5
166	122.1	96.0	178.2

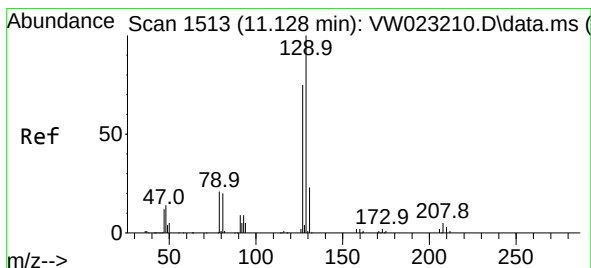
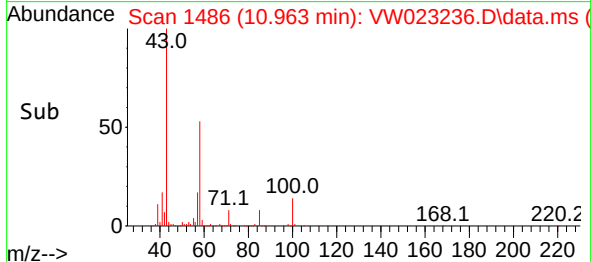
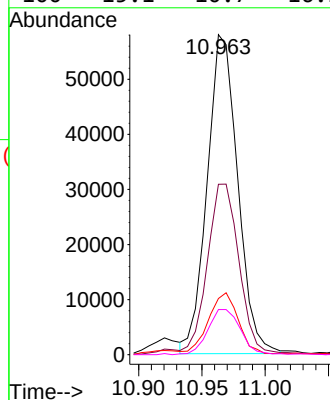
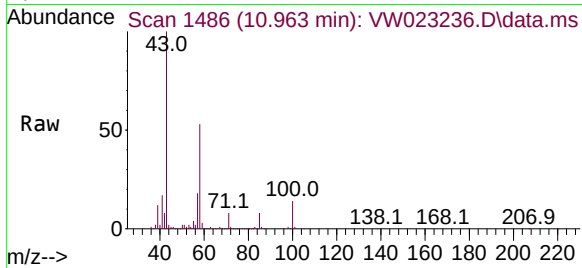




#48
2-Hexanone
Concen: 46.839 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

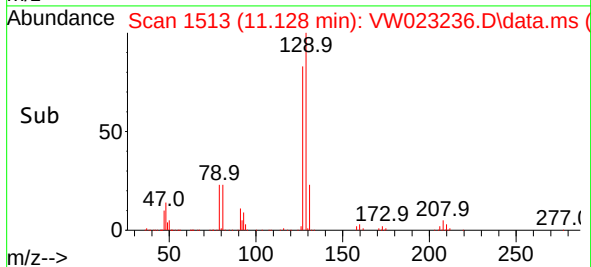
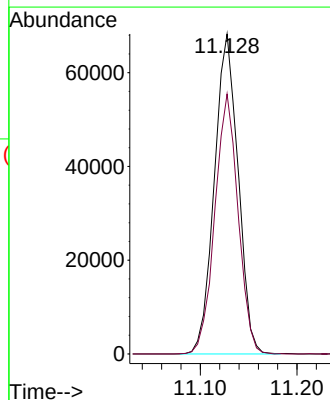
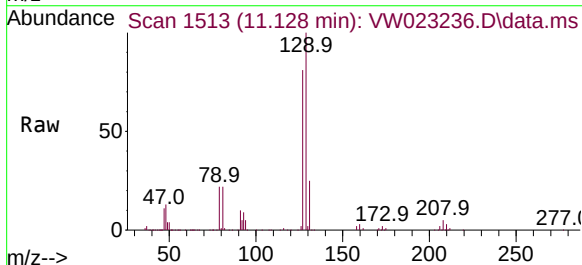
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

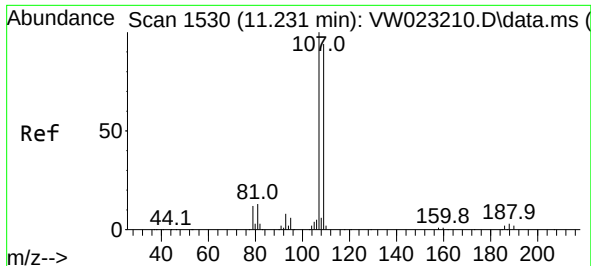
Tgt Ion: 43	Resp: 97382
Ion Ratio	Lower Upper
43 100	
58 55.5	45.9 68.9
57 19.3	16.2 24.2
100 15.1	10.7 16.1



#49
Dibromochloromethane
Concen: 23.455 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion:129	Resp: 116503
Ion Ratio	Lower Upper
129 100	
127 81.3	53.8 100.0





#50

1,2-Dibromoethane

Concen: 23.499 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

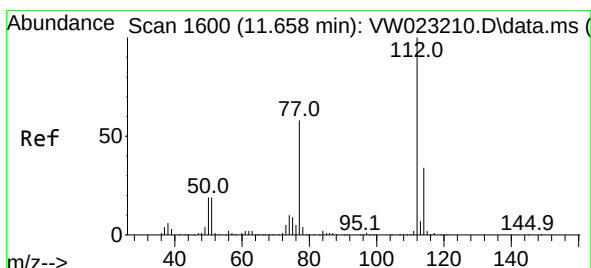
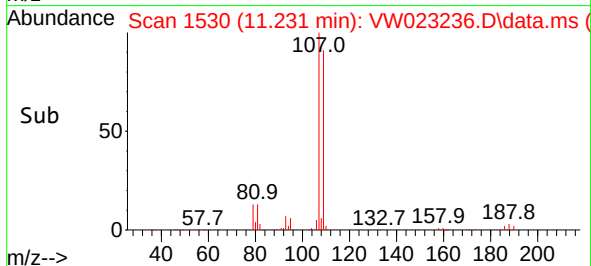
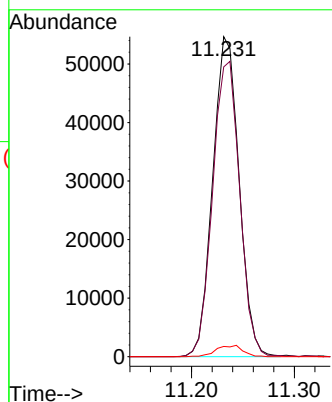
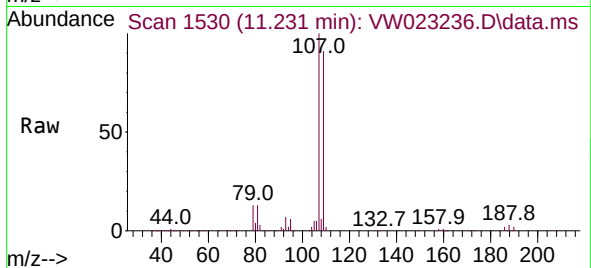
Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

Tgt Ion:	107	Resp:	97380
Ion	Ratio	Lower	Upper
107	100		
109	90.6	67.5	125.4
188	3.2	2.9	4.3



#51

Chlorobenzene

Concen: 24.535 ug/L

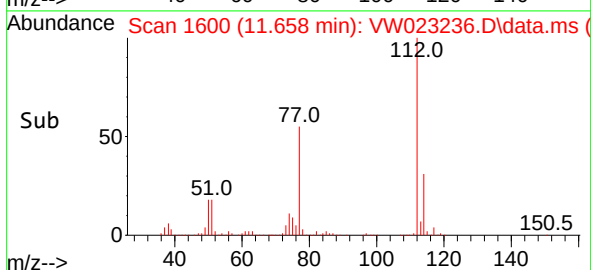
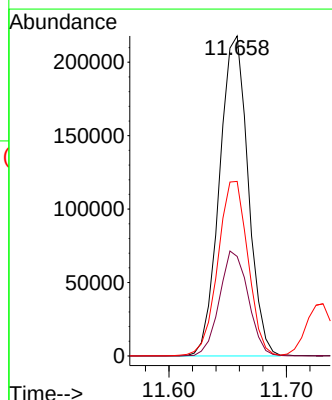
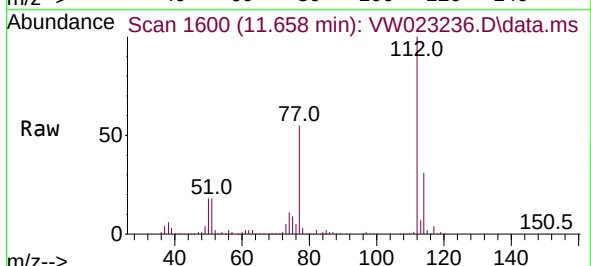
RT: 11.658 min Scan# 1600

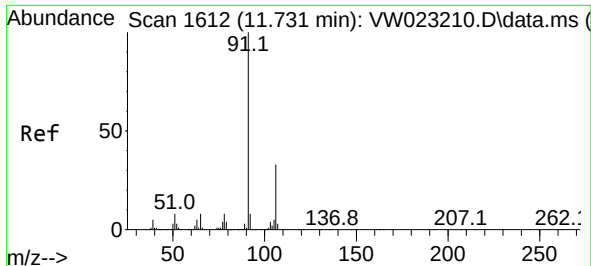
Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Tgt Ion:	112	Resp:	369797
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.0	41.0
77	54.5	42.6	63.8

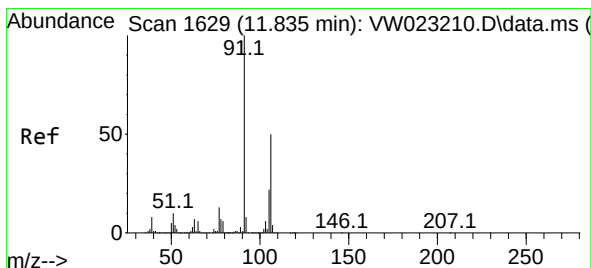
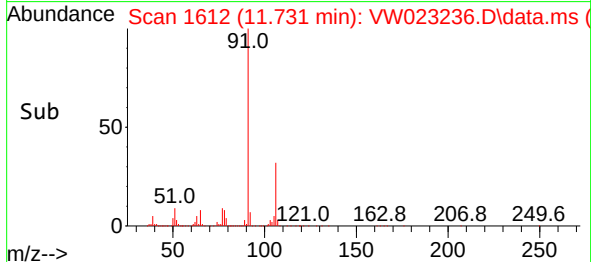
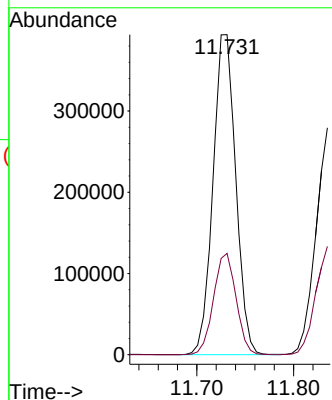
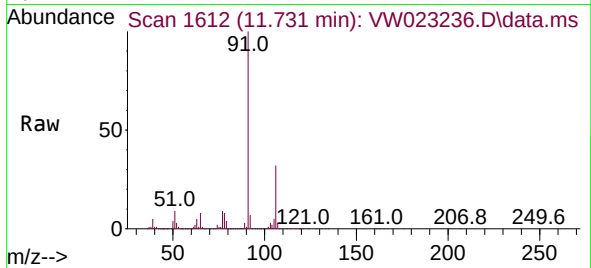




#52
Ethylbenzene
Concen: 25.338 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

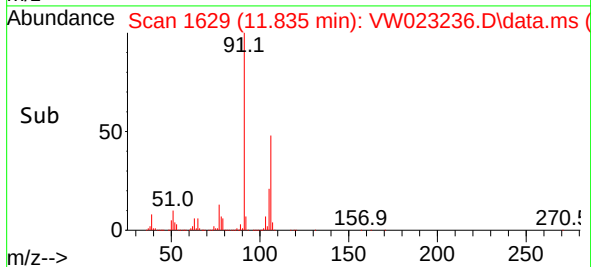
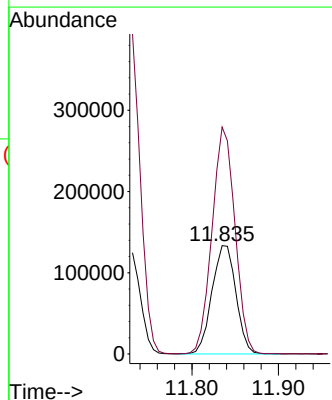
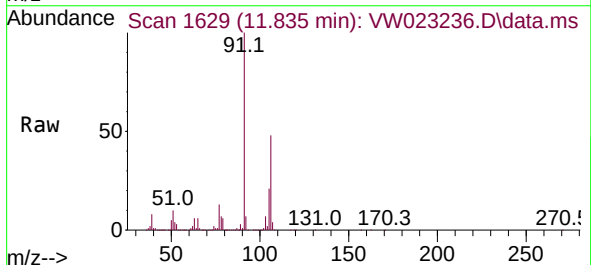
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

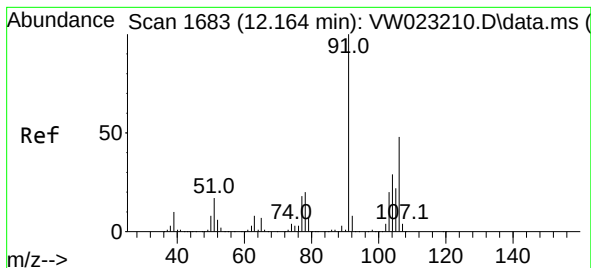
Tgt Ion: 91 Resp: 644489
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 25.595 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion:106 Resp: 256511
Ion Ratio Lower Upper
106 100
91 209.6 136.8 254.0





#54

o-Xylene

Concen: 25.246 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

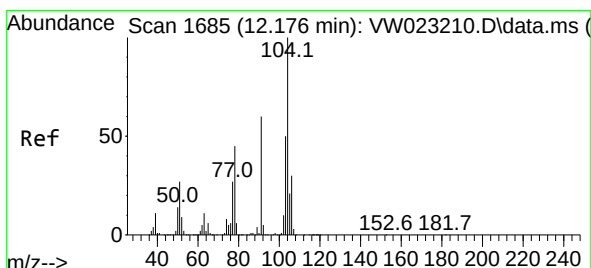
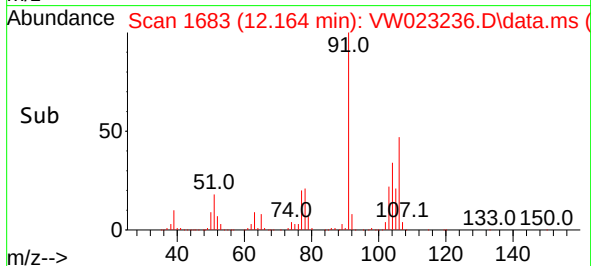
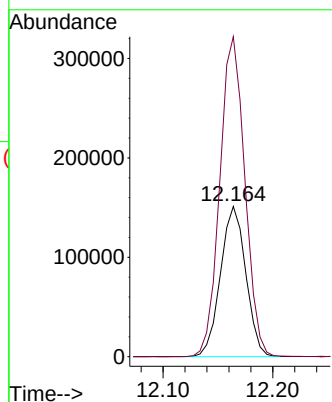
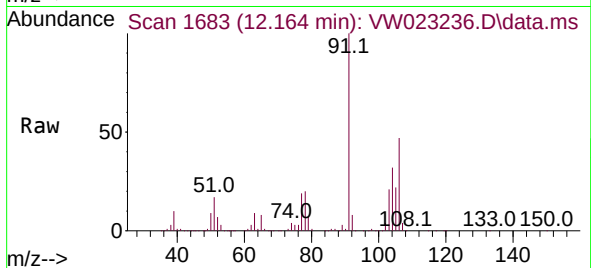
VSTD025546

Tgt Ion:106 Resp: 242804

Ion Ratio Lower Upper

106 100

91 213.0 147.2 273.4



#55

Styrene

Concen: 25.759 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023236.D

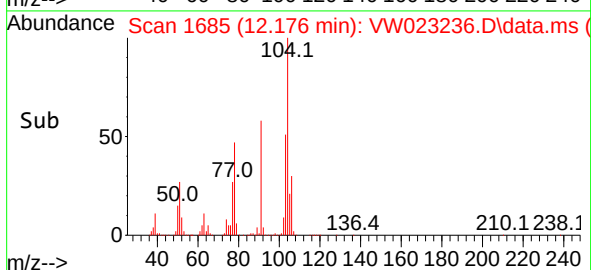
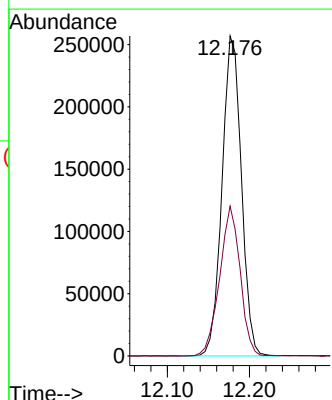
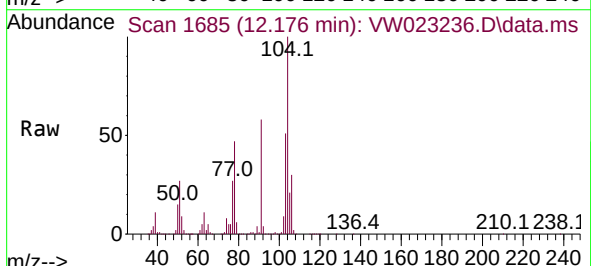
Acq: 23 May 2022 08:48

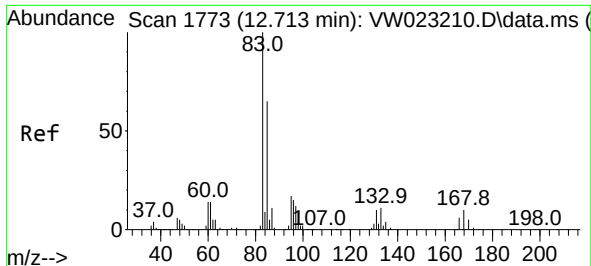
Tgt Ion:104 Resp: 420951

Ion Ratio Lower Upper

104 100

78 46.8 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.482 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

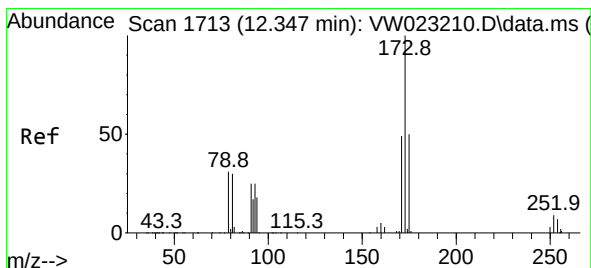
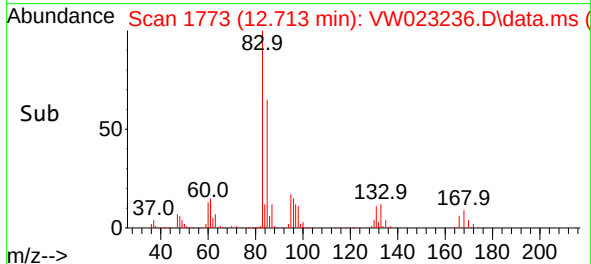
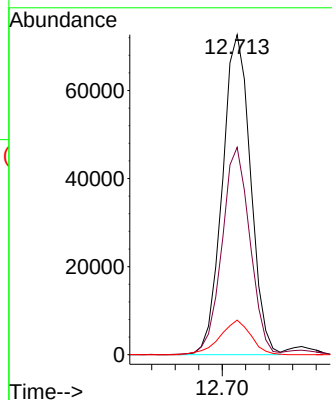
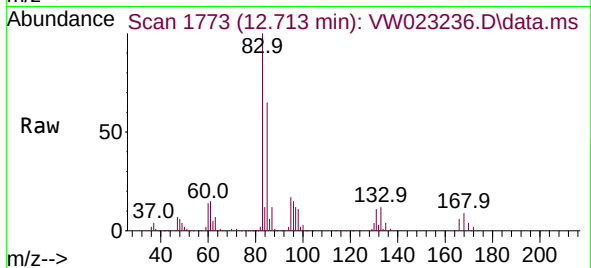
Tgt Ion: 83 Resp: 121047

Ion Ratio Lower Upper

83 100

85 64.8 47.5 88.1

131 10.8 8.7 13.1



#59

Bromoform

Concen: 22.155 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

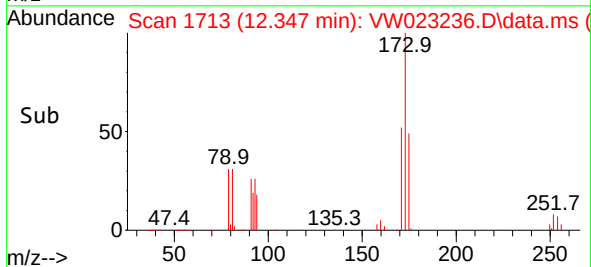
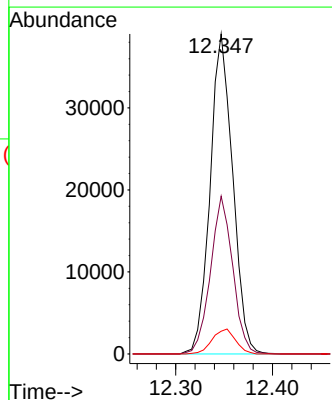
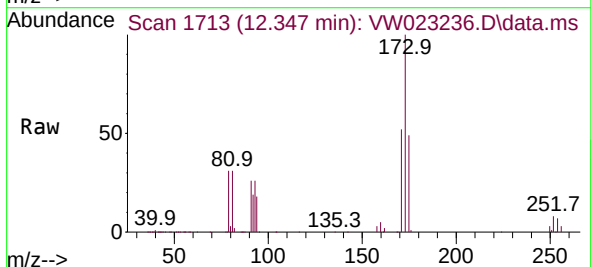
Tgt Ion: 173 Resp: 63179

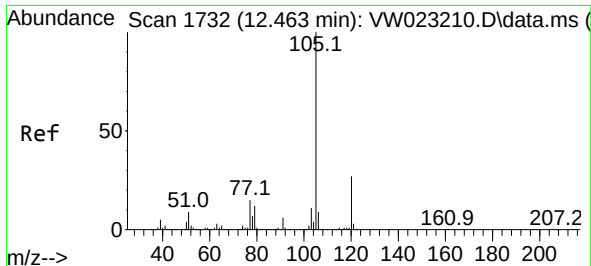
Ion Ratio Lower Upper

173 100

175 48.5 38.1 57.1

254 8.1 6.5 9.7

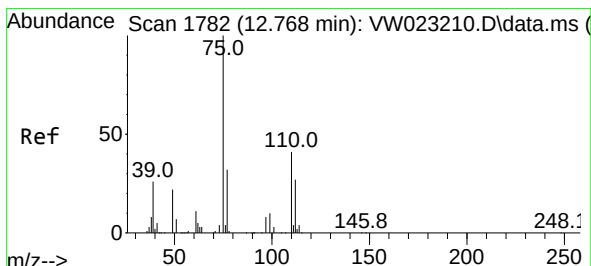
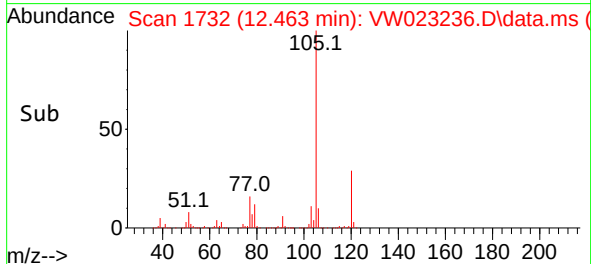
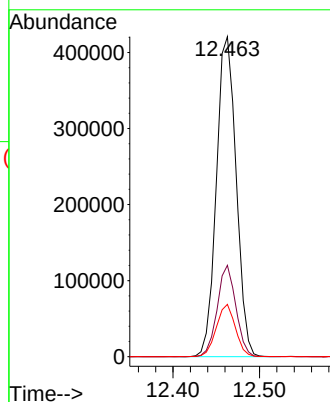
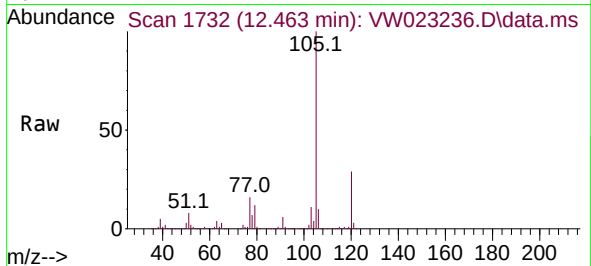




#60
Isopropylbenzene
Concen: 24.234 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

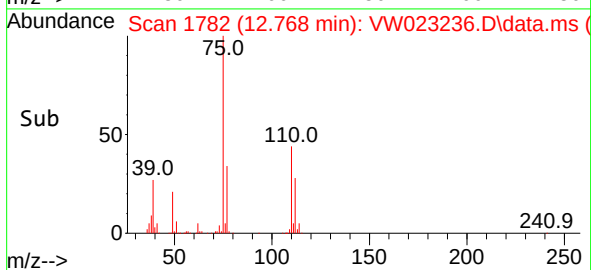
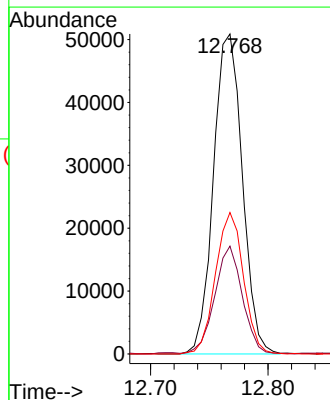
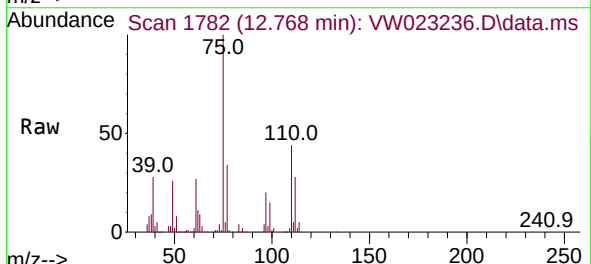
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

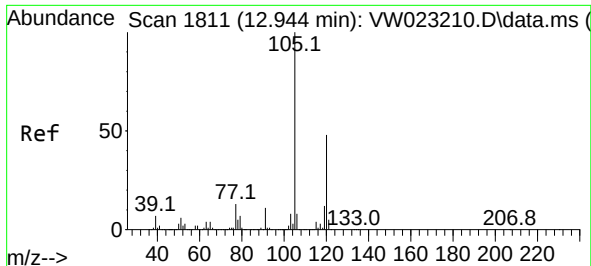
Tgt Ion:105 Resp: 668044
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.614 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion: 75 Resp: 86902
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 42.8 34.1 51.1

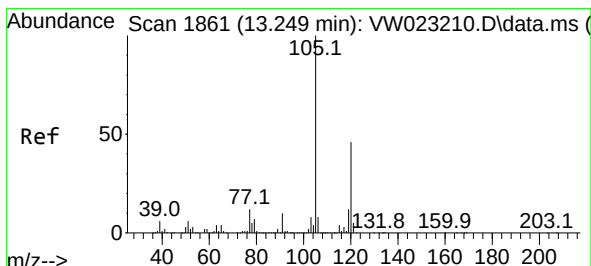
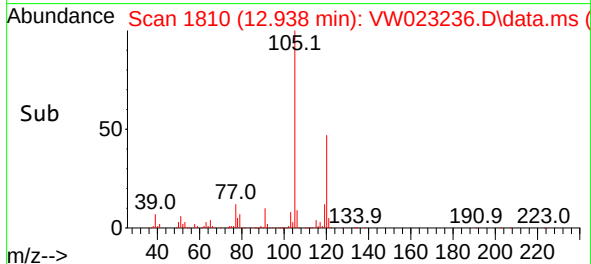
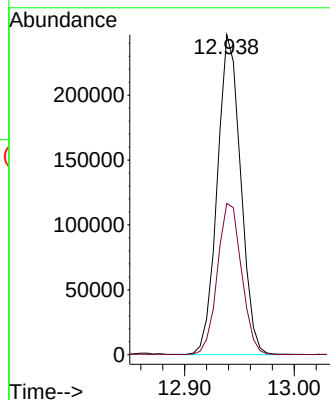
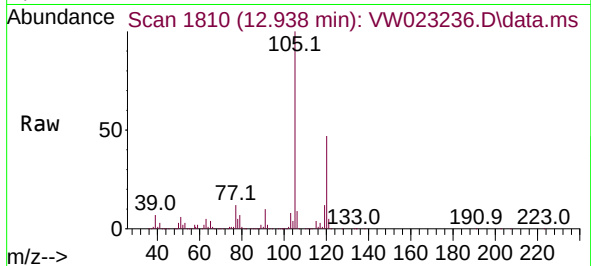




#62
1,3,5-Trimethylbenzene
Concen: 23.900 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

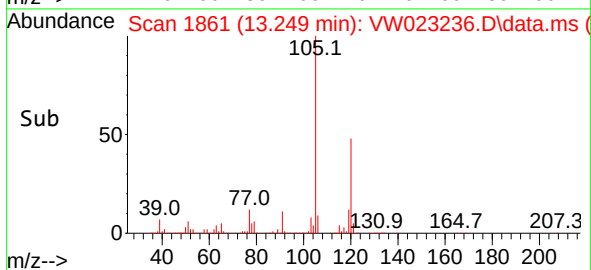
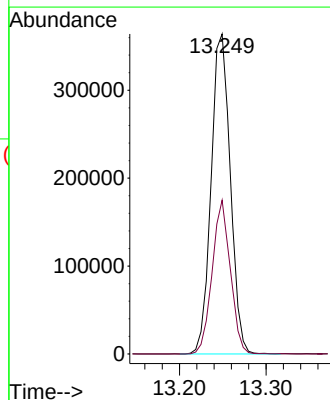
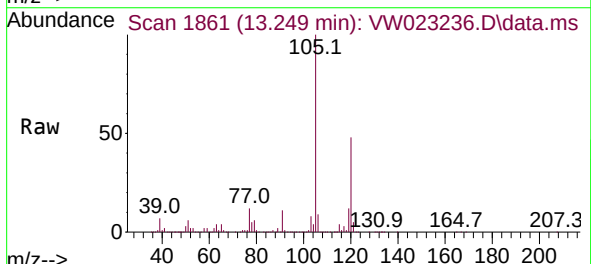
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

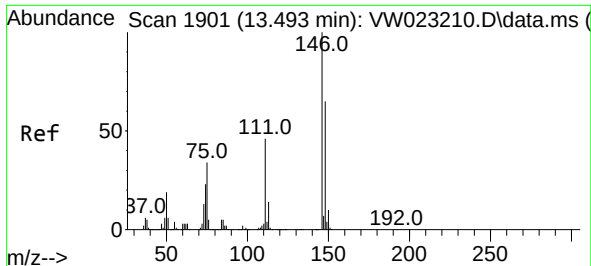
Tgt Ion:105 Resp: 366535
Ion Ratio Lower Upper
105 100
120 48.8 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.329 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion:105 Resp: 560229
Ion Ratio Lower Upper
105 100
120 45.5 37.4 56.2

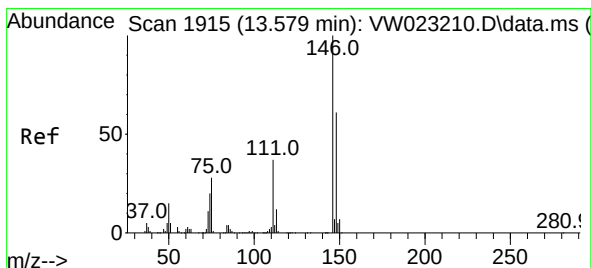
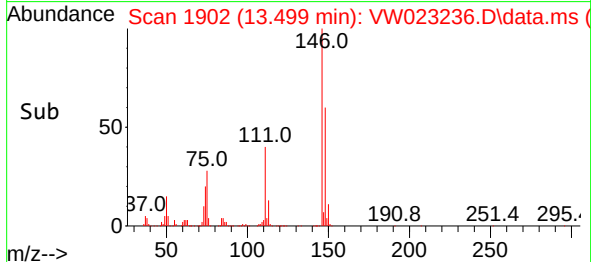
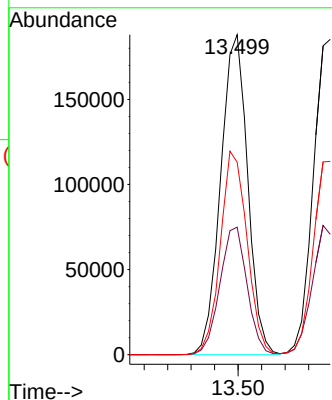
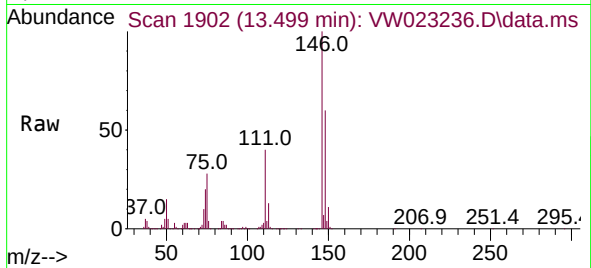




#64
1,3-Dichlorobenzene
Concen: 24.423 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

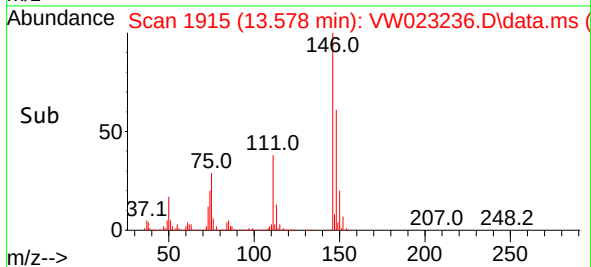
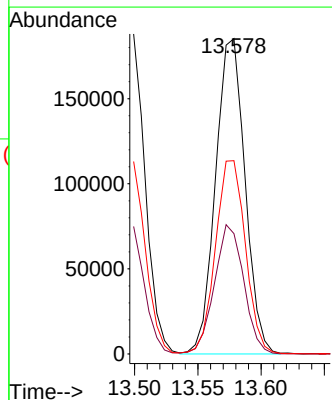
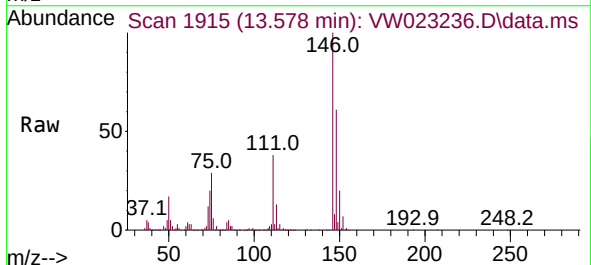
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

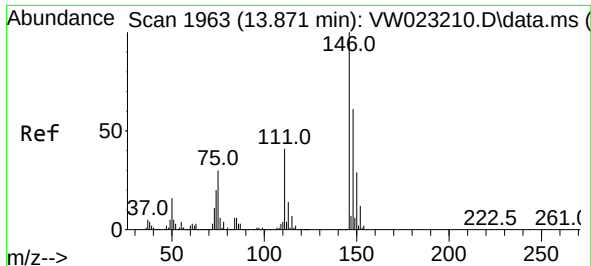
Tgt Ion:146 Resp: 300581
Ion Ratio Lower Upper
146 100
111 39.8 29.5 54.9
148 60.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.635 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion:146 Resp: 300459
Ion Ratio Lower Upper
146 100
111 38.2 27.2 50.4
148 61.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.673 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

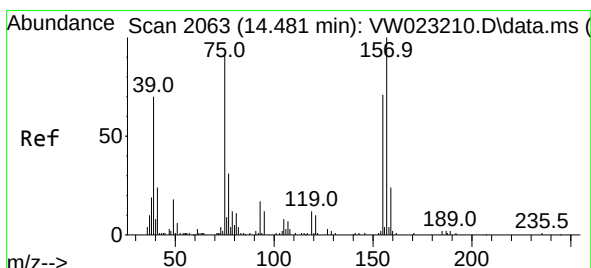
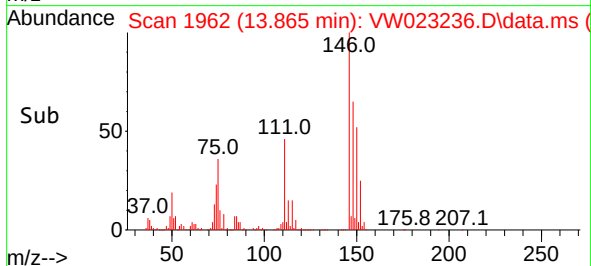
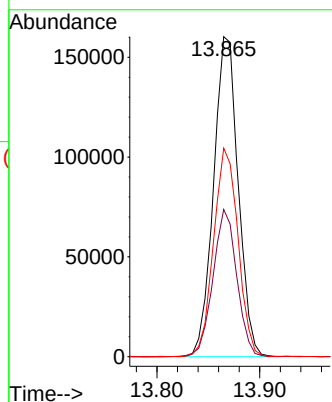
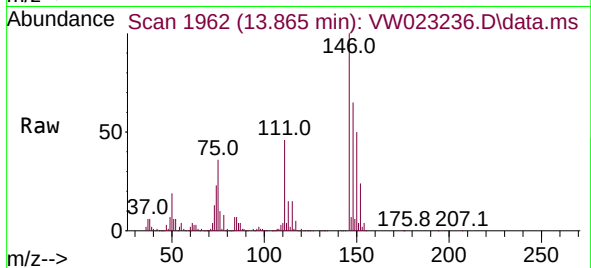
Tgt Ion:146 Resp: 266616

Ion Ratio Lower Upper

146 100

111 46.0 35.7 53.5

148 65.1 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.589 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

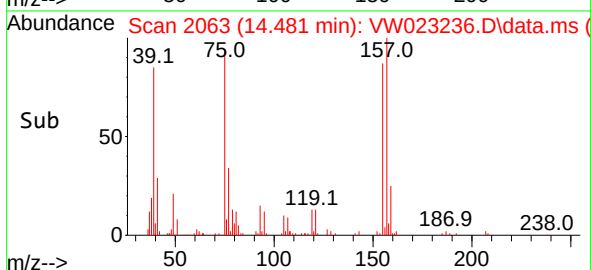
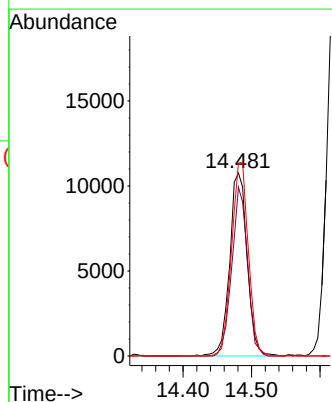
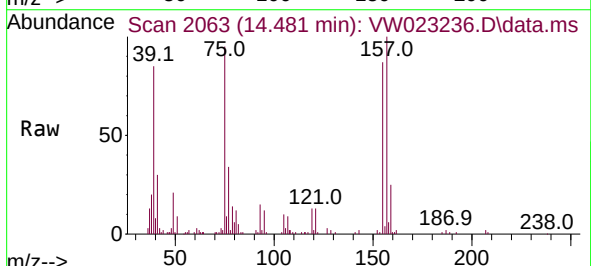
Tgt Ion: 75 Resp: 18970

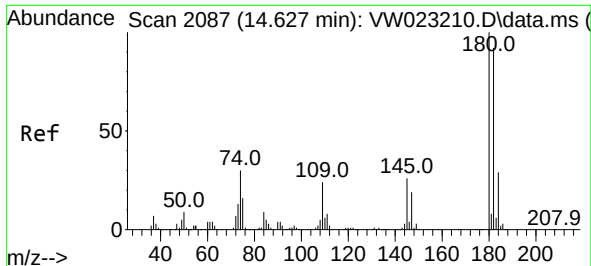
Ion Ratio Lower Upper

75 100

155 92.1 59.3 88.9#

157 105.4 89.8 134.8



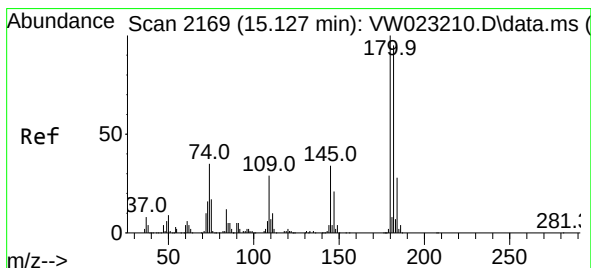
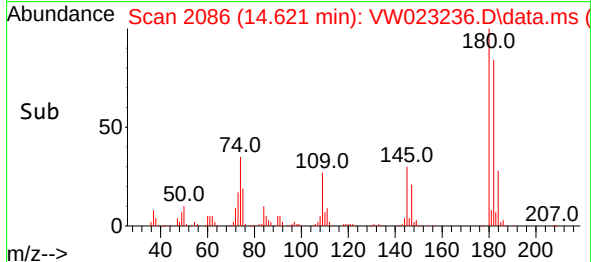
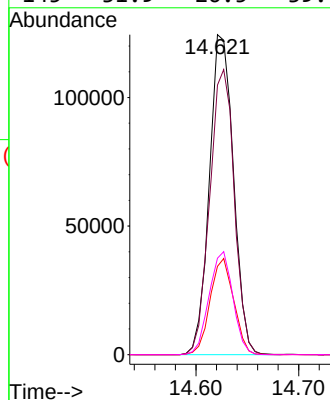
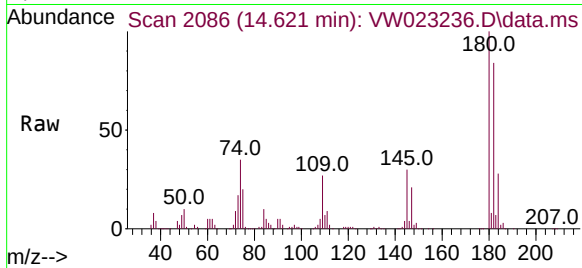


#69
1,3,5-Trichlorobenzene
Concen: 24.845 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

Tgt Ion:180 Resp: 202971

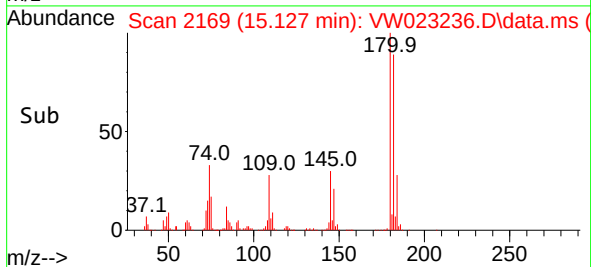
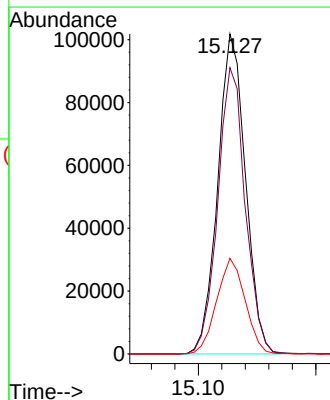
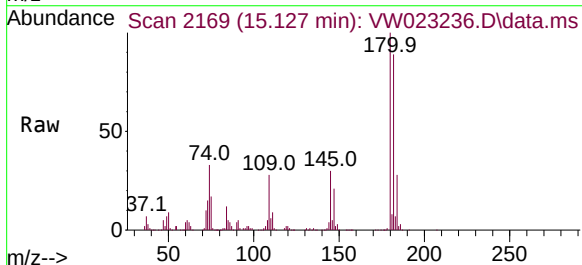
Ion	Ratio	Lower	Upper
180	100		
182	90.8	74.8	112.2
184	29.5	23.4	35.2
145	31.9	26.5	39.7

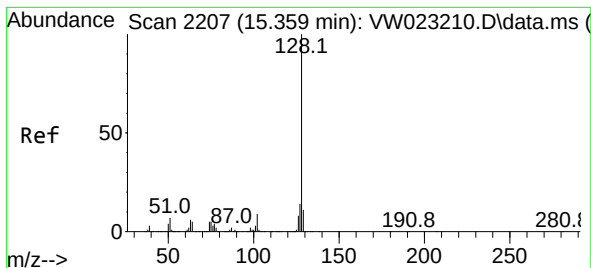


#70
1,2,4-trichlorobenzene
Concen: 25.408 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023236.D
Acq: 23 May 2022 08:48

Tgt Ion:180 Resp: 166975

Ion	Ratio	Lower	Upper
180	100		
182	88.7	74.9	112.3
145	30.7	26.6	39.8





#71

Naphthalene

Concen: 23.288 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

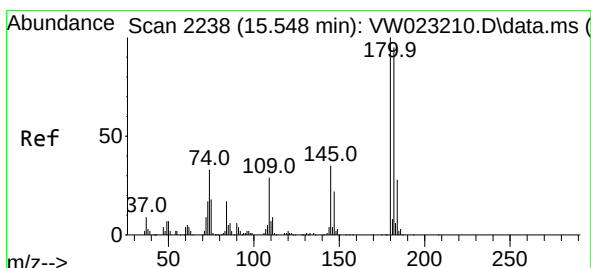
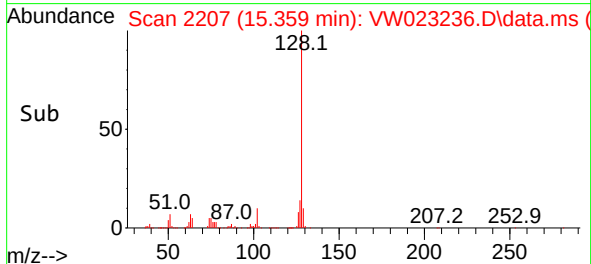
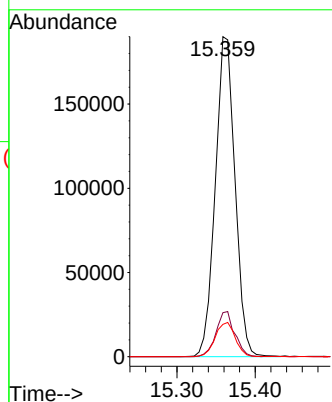
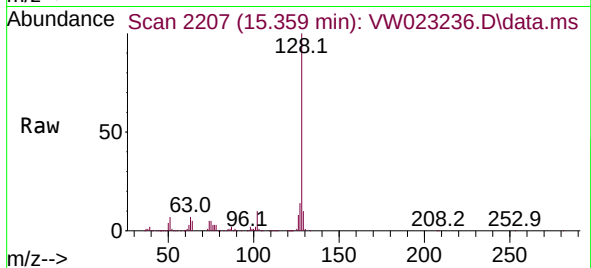
Tgt Ion:128 Resp: 332639

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.540 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023236.D

Acq: 23 May 2022 08:48

Tgt Ion:180 Resp: 148757

Ion Ratio Lower Upper

180 100

182 90.3 73.5 110.3

145 34.1 27.9 41.9

