

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023118.D
 Acq On : 18 May 2022 09:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 19 01:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 03:02:16 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	326161	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	320205	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	182729	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	168814	25.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.920%		
7) Chloroethane-d5		2.879	69	117463	26.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.920%		
11) 1,1-Dichloroethene-d2		4.013	63	211461	24.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.840%		
21) 2-Butanone-d5		7.074	46	63482	49.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.800%		
24) Chloroform-d		7.647	84	261818	27.399	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.600%		
26) 1,2-Dichloroethane-d4		8.305	65	141299	26.961	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.840%		
32) Benzene-d6		8.269	84	505090	27.367	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.480%		
36) 1,2-Dichloropropane-d6		9.268	67	143008	27.584	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.320%		
41) Toluene-d8		10.323	98	498785	27.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 111.920%		
43) trans-1,3-Dichloroprop...		10.573	79	65151	27.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.160%		
47) 2-Hexanone-d5		10.921	63	50733	51.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.520%		
56) 1,1,2,2-Tetrachloroeth...		12.689	84	131528	27.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.880%		
66) 1,2-Dichlorobenzene-d4		13.853	152	175836	27.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.120%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane		2.008	85	40029	22.513	ug/L	94
3) Chloromethane		2.215	50	82679	24.064	ug/L	98
5) Vinyl chloride		2.355	62	148987	21.607	ug/L	98
6) Bromomethane		2.770	94	89658	20.252	ug/L	96
8) Chloroethane		2.916	64	75857	22.809	ug/L	99
9) Trichlorofluoromethane		3.251	101	69067	21.915	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...		4.056	101	111487	23.658	ug/L	96
12) 1,1-Dichloroethene		4.038	96	92926	22.245	ug/L	95
13) Acetone		4.123	43	42966	45.106	ug/L	98
14) Carbon disulfide		4.379	76	194850	17.014	ug/L	99
15) Methyl Acetate		4.666	43	42313	22.111	ug/L	99
16) Methylene chloride		4.916	84	103811	21.752	ug/L	94
17) trans-1,2-Dichloroethene		5.422	96	102676	21.841	ug/L	99
18) Methyl tert-butyl Ether		5.428	73	179443	25.005	ug/L	100
19) 1,1-Dichloroethane		6.208	63	191411	24.024	ug/L	96
20) cis-1,2-Dichloroethene		7.165	96	120797	23.924	ug/L #	98
22) 2-Butanone		7.165	43	59393	44.585	ug/L	97
23) Bromochloromethane		7.513	128	55757	23.579	ug/L	86
25) Chloroform		7.671	83	220274	25.003	ug/L	97

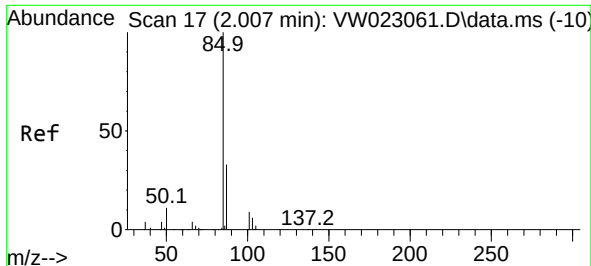
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
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Quant Time: May 19 01:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 03:02:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	138607	23.602	ug/L	99
29) Cyclohexane	7.952	56	149194	21.544	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	187547	24.785	ug/L	99
31) Carbon tetrachloride	8.067	117	171888	24.283	ug/L	98
33) Benzene	8.323	78	438646	23.254	ug/L	100
34) Trichloroethene	9.092	95	121263	23.375	ug/L	97
35) Methylcyclohexane	9.336	83	183442	21.525	ug/L	98
37) 1,2-Dichloropropane	9.366	63	108854	23.846	ug/L	99
38) Bromodichloromethane	9.640	83	160299	24.723	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	177151	25.028	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	128068	44.511	ug/L	96
42) Toluene	10.384	91	507653	24.014	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	160755	25.445	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	95273	24.966	ug/L	98
46) Tetrachloroethene	10.860	164	89743	23.019	ug/L	89
48) 2-Hexanone	10.963	43	90650	47.154	ug/L	96
49) Dibromochloromethane	11.128	129	116990	25.472	ug/L	99
50) 1,2-Dibromoethane	11.232	107	92572	24.159	ug/L	97
51) Chlorobenzene	11.652	112	347201	24.912	ug/L	99
52) Ethylbenzene	11.725	91	582139	24.752	ug/L	100
53) m,p-Xylene	11.841	106	229321	24.746	ug/L	94
54) o-Xylene	12.164	106	231812	26.068	ug/L	94
55) Styrene	12.176	104	388076	25.682	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115608	24.255	ug/L	95
59) Bromoform	12.347	173	62878	24.281	ug/L	100
60) Isopropylbenzene	12.463	105	628418	25.104	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81546	22.335	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	347066	24.921	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	524417	25.078	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	283778	25.391	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	280271	24.278	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	249453	24.391	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18042	22.611	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	187357	25.254	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	156301	26.191	ug/L	97
71) Naphthalene	15.359	128	320836	24.735	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	129330	24.451	ug/L	95

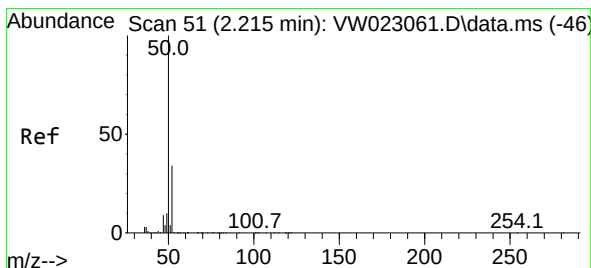
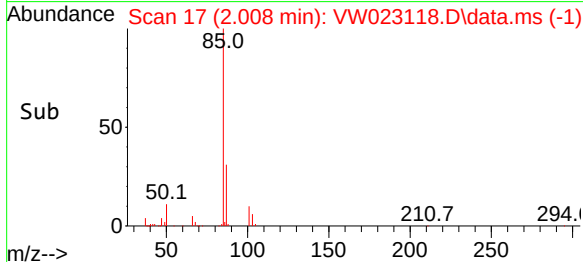
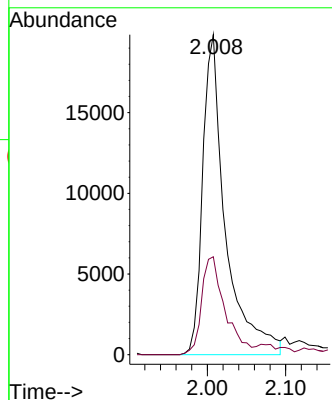
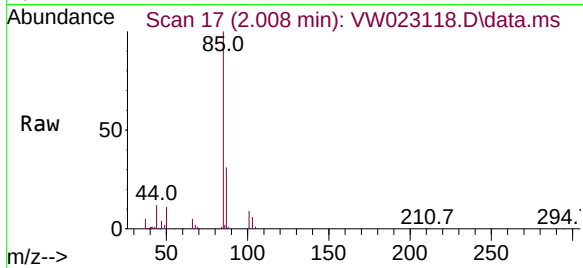
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 22.513 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW023118.D
 Acq: 18 May 2022 09:09

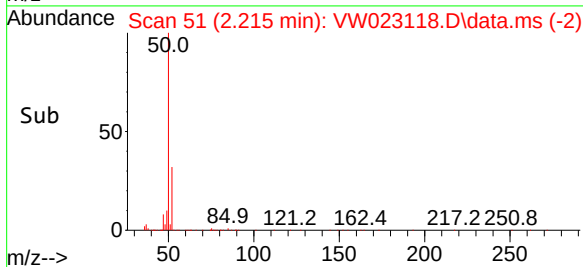
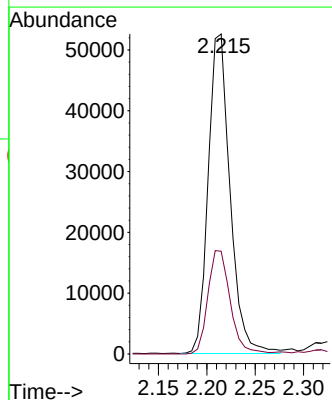
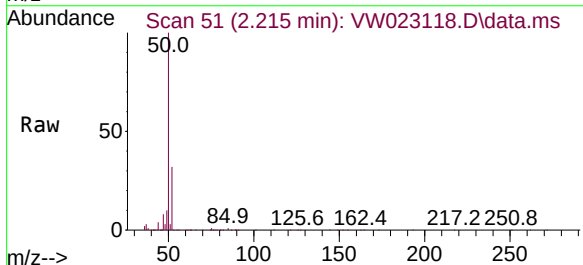
Instrument :
 MSVOA_W
 ClientSampleId :

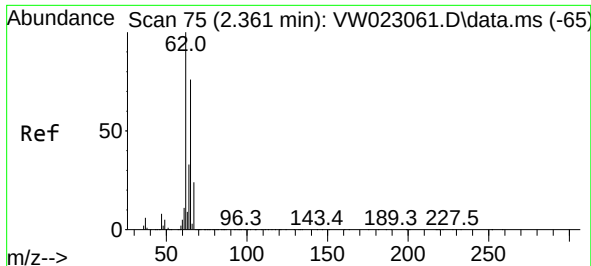
Tgt Ion: 85 Resp: 40029
 Ion Ratio Lower Upper
 85 100
 87 31.4 27.8 41.8



#3
 Chloromethane
 Concen: 24.064 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023118.D
 Acq: 18 May 2022 09:09

Tgt Ion: 50 Resp: 82679
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.1 42.9

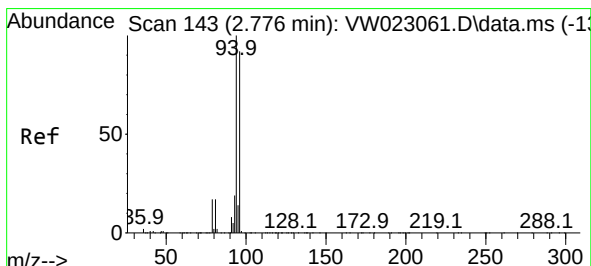
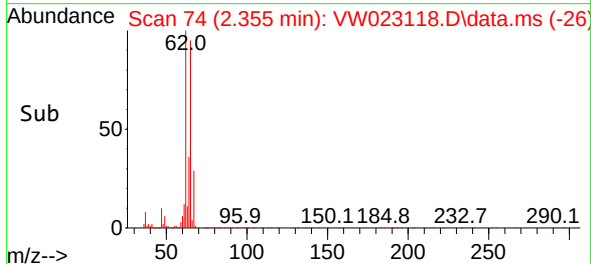
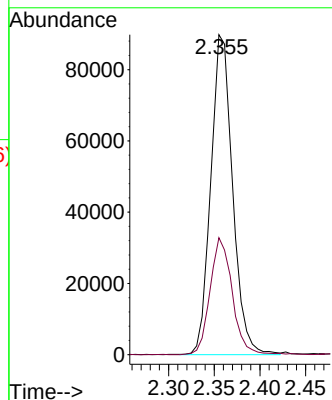
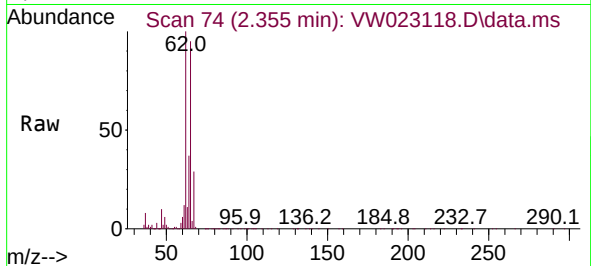




#5
 Vinyl chloride
 Concen: 21.607 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023118.D
 Acq: 18 May 2022 09:09

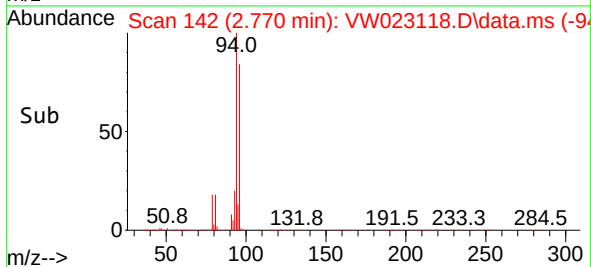
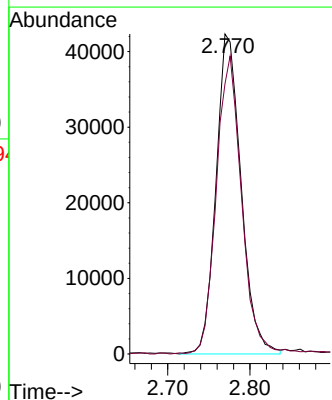
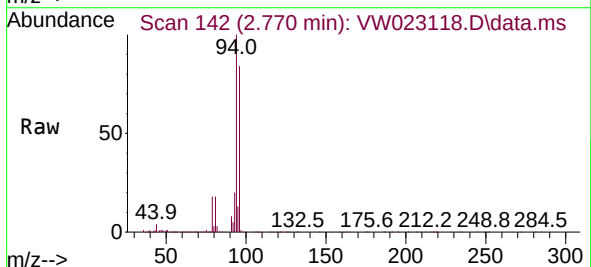
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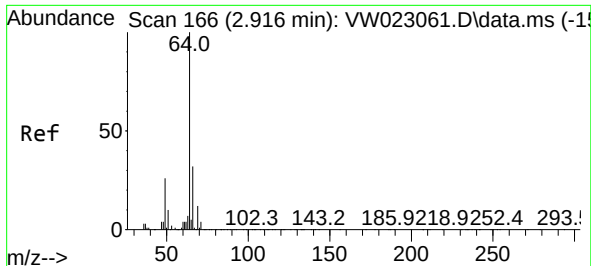
Tgt Ion: 62 Resp: 148987
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.9 46.3



#6
 Bromomethane
 Concen: 20.252 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023118.D
 Acq: 18 May 2022 09:09

Tgt Ion: 94 Resp: 89658
 Ion Ratio Lower Upper
 94 100
 96 84.5 61.7 114.5

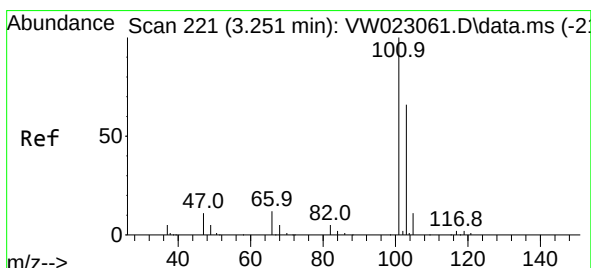
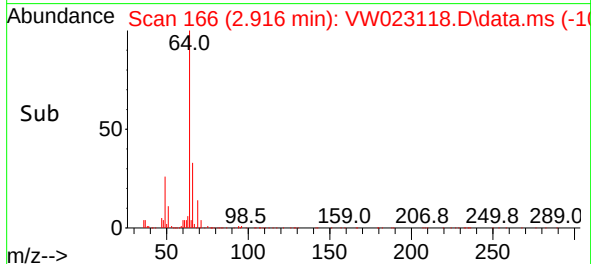
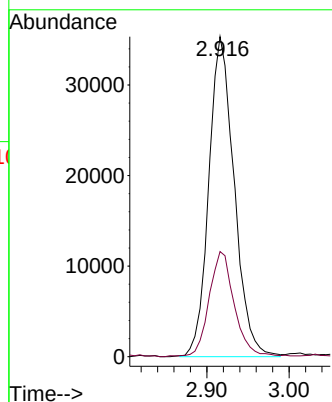
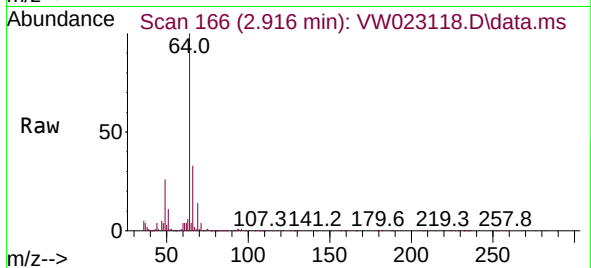




#8
Chloroethane
Concen: 22.809 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

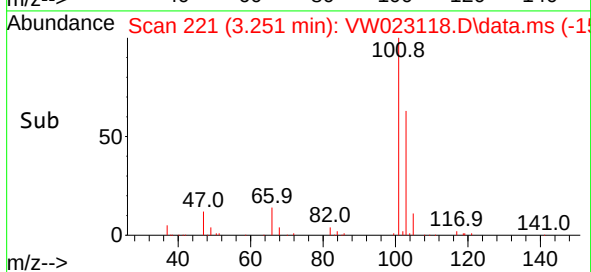
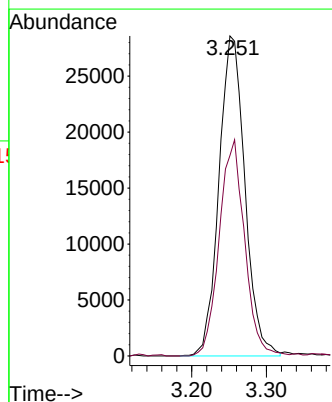
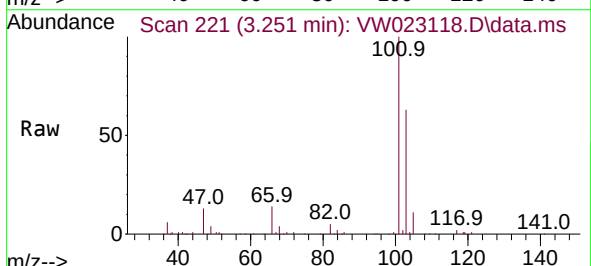
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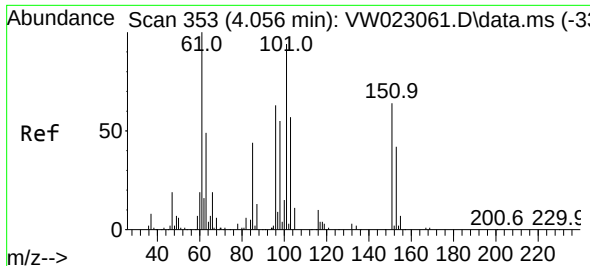
Tgt Ion: 64 Resp: 75857
Ion Ratio Lower Upper
64 100
66 32.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.915 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion: 101 Resp: 69067
Ion Ratio Lower Upper
101 100
103 65.9 53.9 80.9

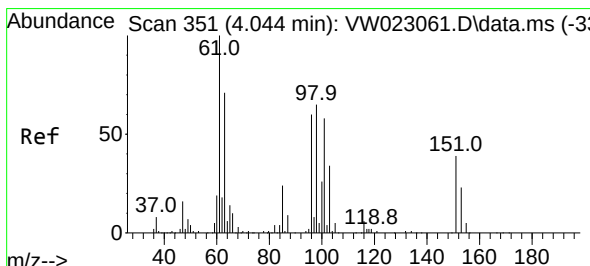
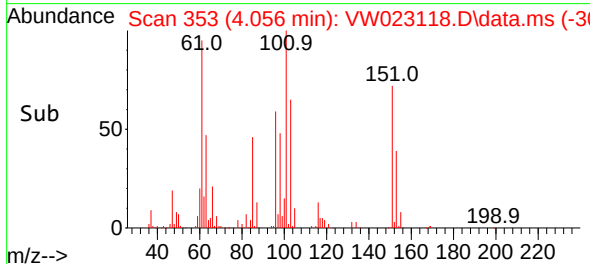
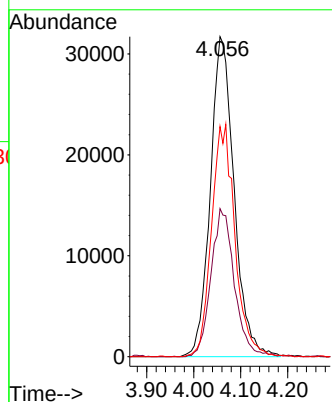
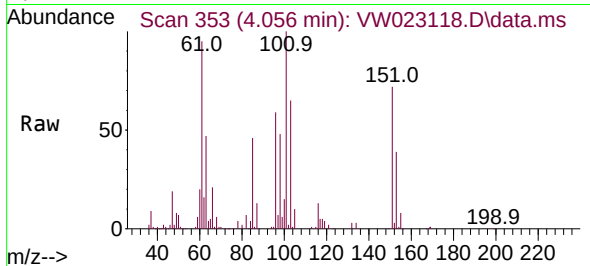




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.658 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023118.D
 Acq: 18 May 2022 09:09

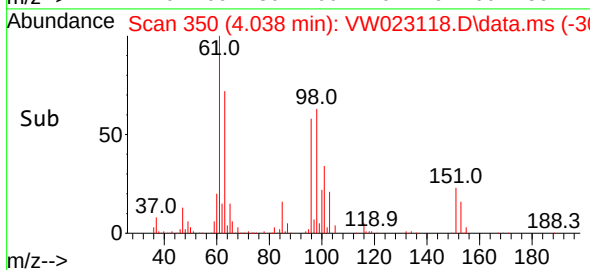
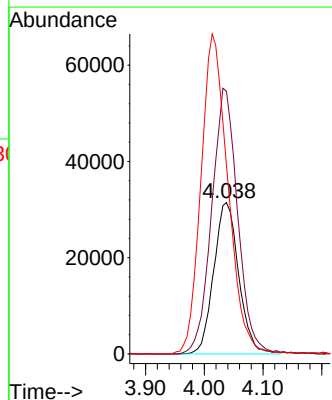
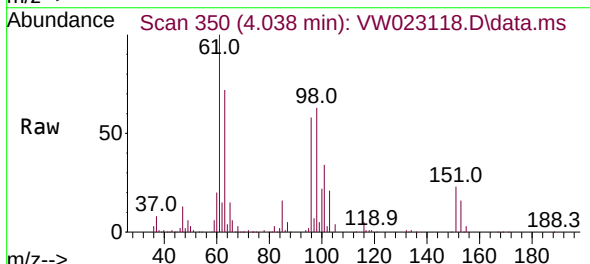
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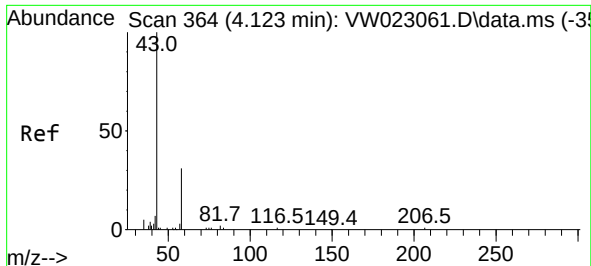
Tgt Ion:101 Resp: 111487
 Ion Ratio Lower Upper
 101 100
 85 45.1 34.3 51.5
 151 71.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.245 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023118.D
 Acq: 18 May 2022 09:09

Tgt Ion: 96 Resp: 92926
 Ion Ratio Lower Upper
 96 100
 61 173.6 125.7 233.5
 63 124.8 83.4 155.0

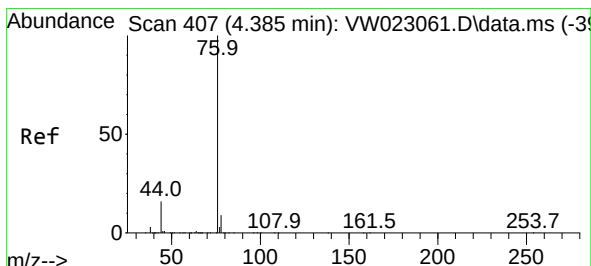
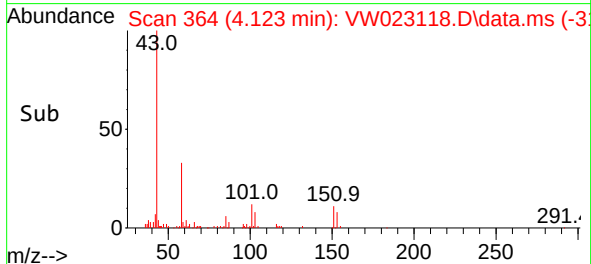
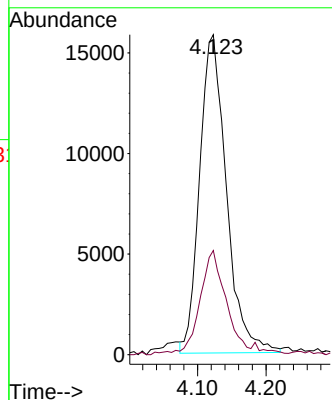
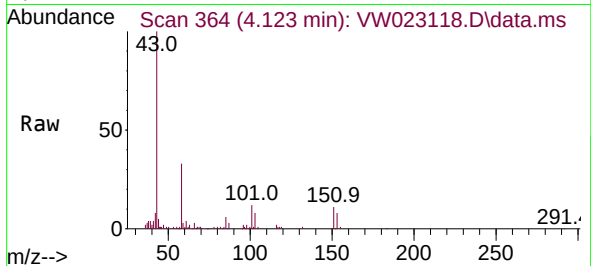




#13
Acetone
Concen: 45.106 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

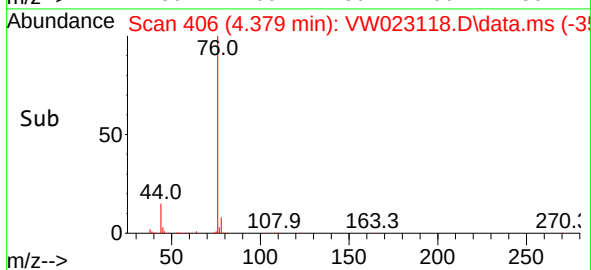
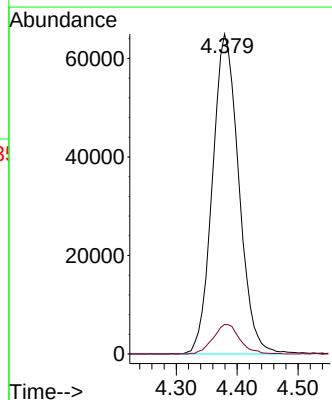
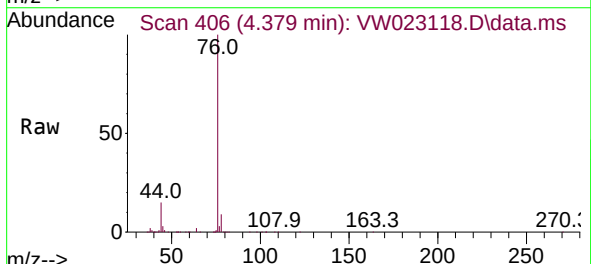
Instrument :
MSVOA_W
ClientSampleId :

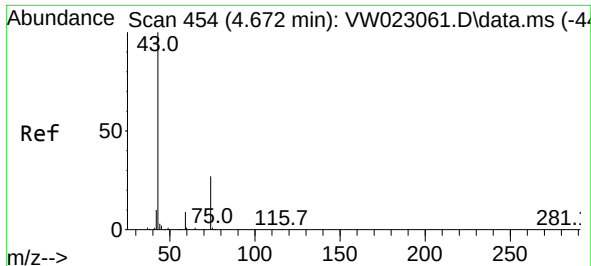
Tgt Ion: 43 Resp: 42966
Ion Ratio Lower Upper
43 100
58 30.9 0.0 64.0



#14
Carbon disulfide
Concen: 17.014 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion: 76 Resp: 194850
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

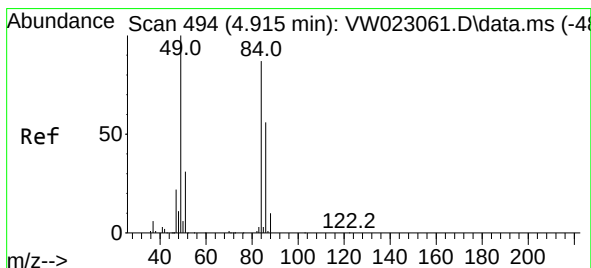
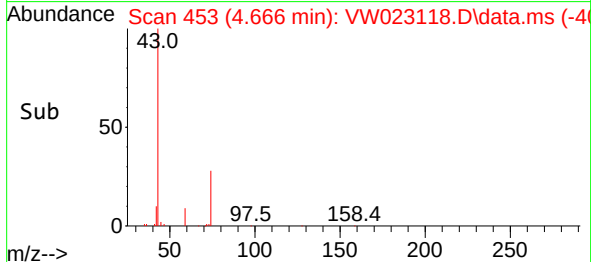
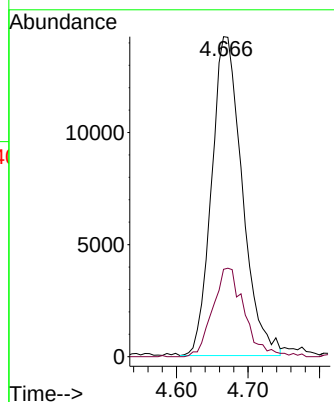
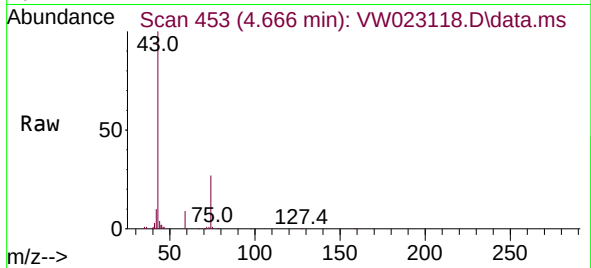




#15
Methyl Acetate
Concen: 22.111 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

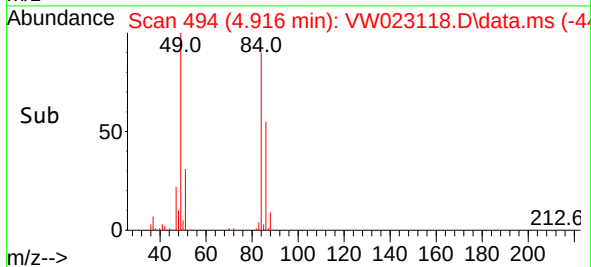
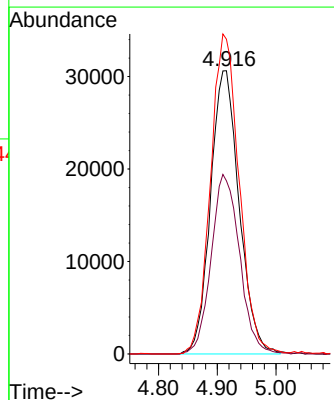
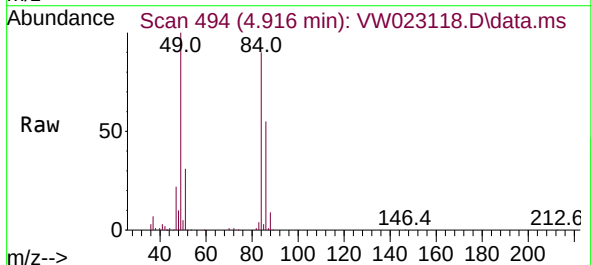
Instrument :
MSVOA_W
ClientSampleId :

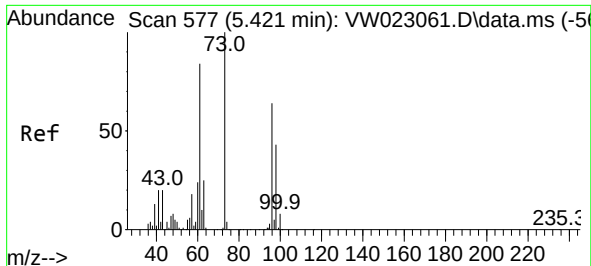
Tgt Ion: 43 Resp: 42313
Ion Ratio Lower Upper
43 100
74 27.1 21.9 32.9



#16
Methylene chloride
Concen: 21.752 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

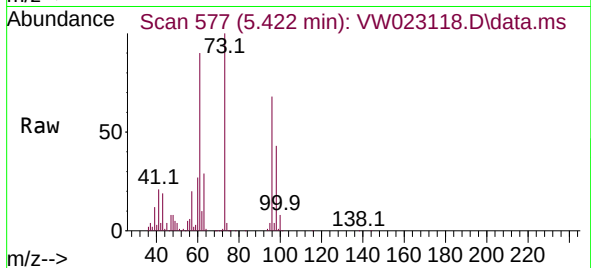
Tgt Ion: 84 Resp: 103811
Ion Ratio Lower Upper
84 100
86 61.1 45.4 84.4
49 111.1 82.5 153.1





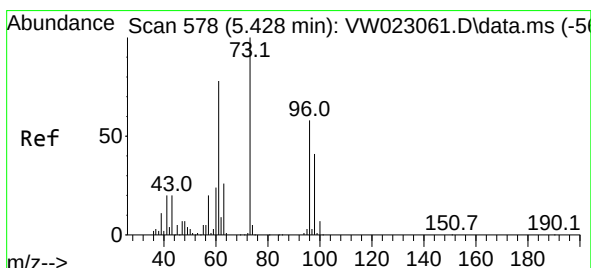
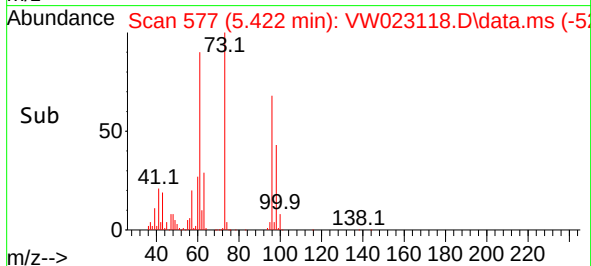
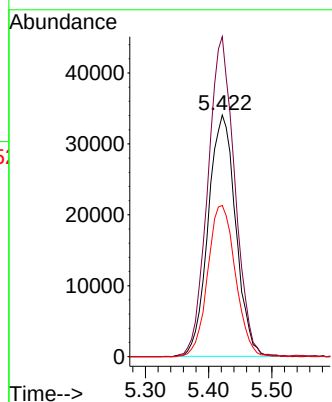
#17
trans-1,2-Dichloroethene
Concen: 21.841 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 102676

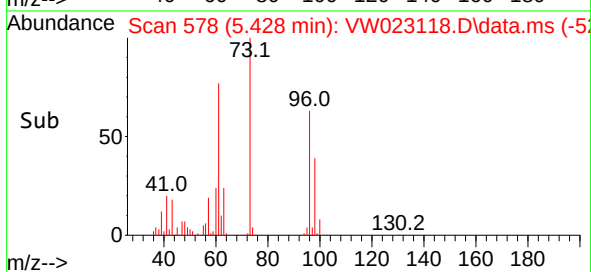
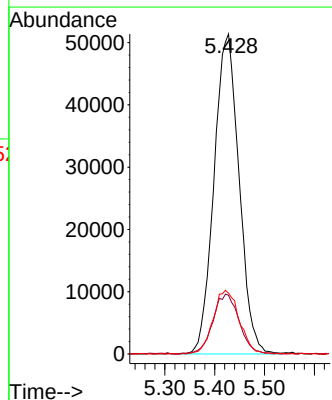
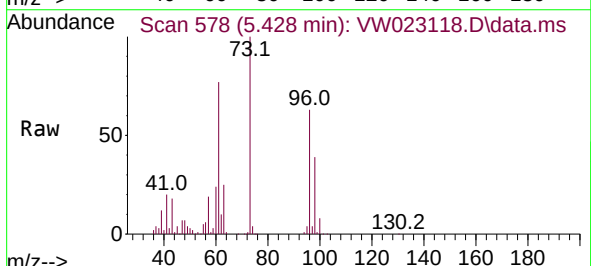
Ion	Ratio	Lower	Upper
96	100		
61	132.5	92.2	171.2
98	62.6	42.9	79.7

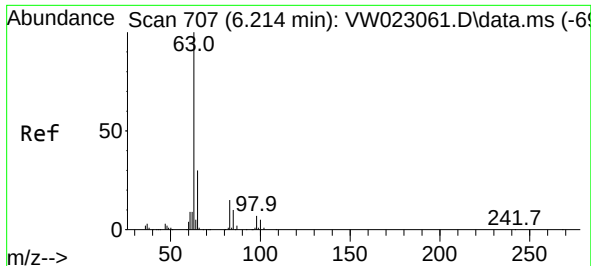


#18
Methyl tert-butyl Ether
Concen: 25.005 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion: 73 Resp: 179443

Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.9	23.9
57	20.6	16.5	24.7





#19

1,1-Dichloroethane

Concen: 24.024 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.012 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Instrument :

MSVOA_W

ClientSampleId :

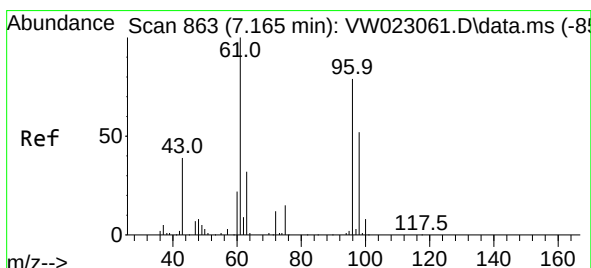
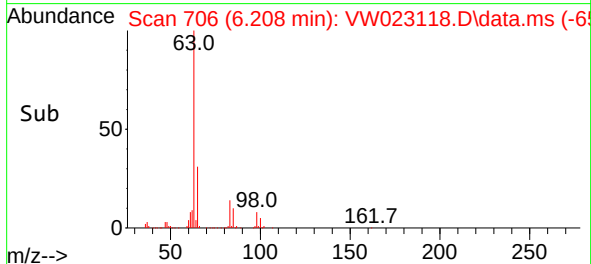
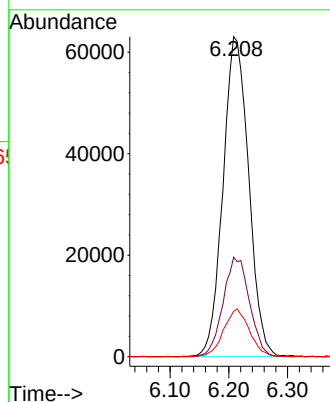
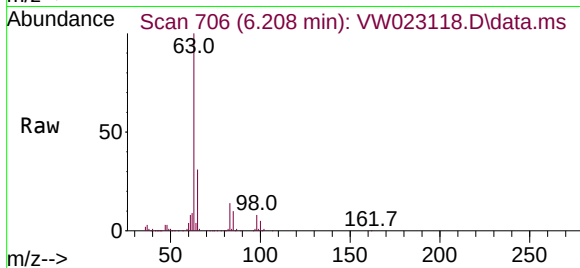
Tgt Ion: 63 Resp: 191411

Ion Ratio Lower Upper

63 100

65 31.1 23.3 43.3

83 14.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.924 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

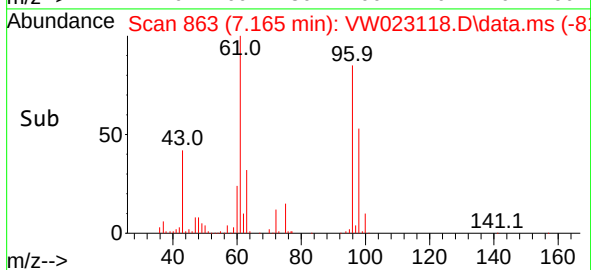
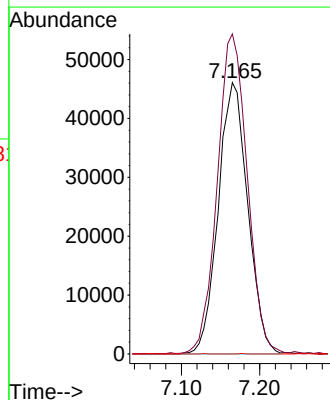
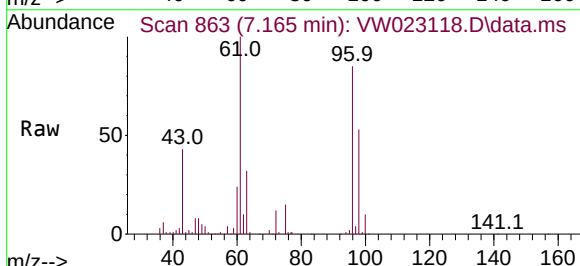
Tgt Ion: 96 Resp: 120797

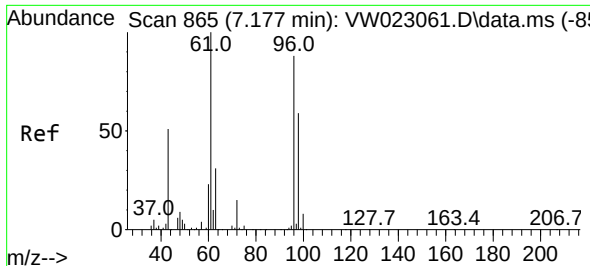
Ion Ratio Lower Upper

96 100

61 118.0 84.2 156.4

68 0.0 0.1 0.1#

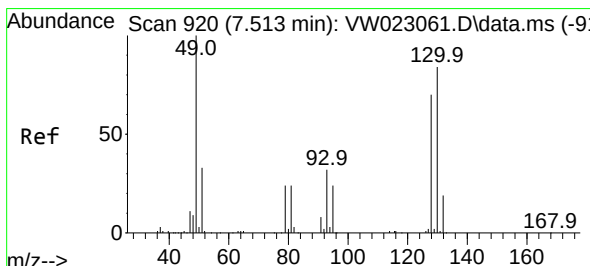
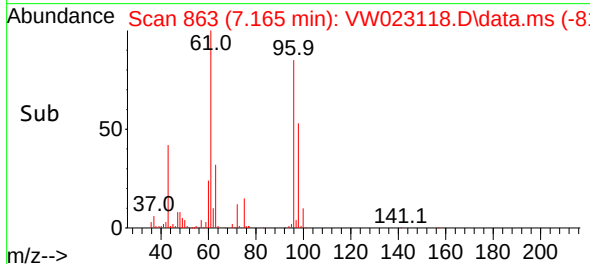
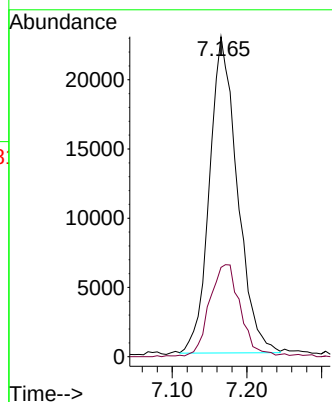
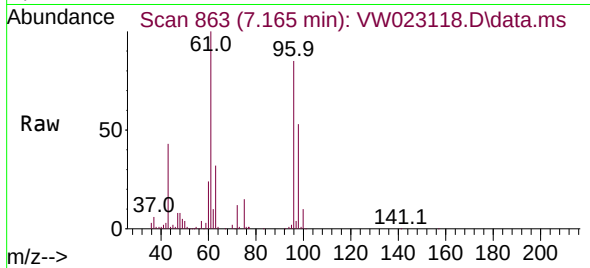




#22
2-Butanone
Concen: 44.585 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

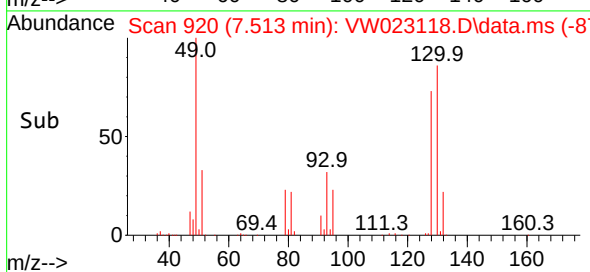
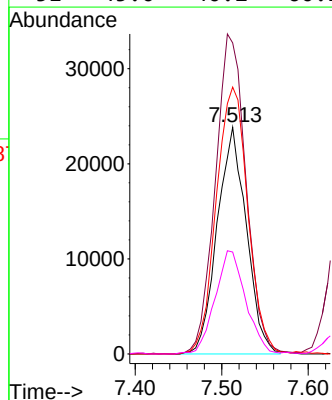
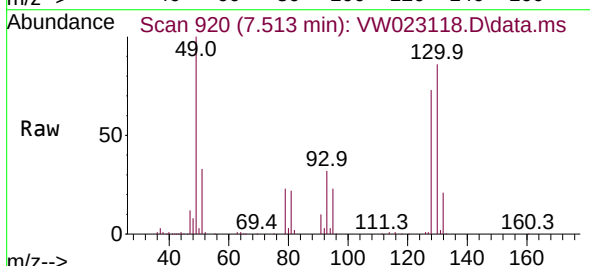
Instrument :
MSVOA_W
ClientSampleId :

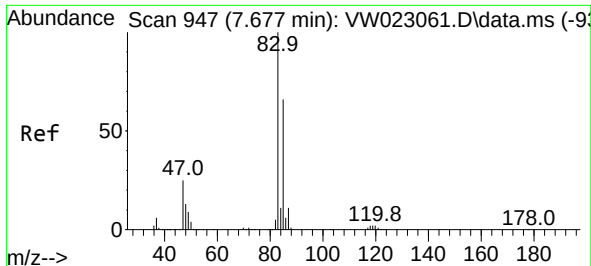
Tgt Ion: 43 Resp: 59393
Ion Ratio Lower Upper
43 100
72 32.0 15.1 45.3



#23
Bromochloromethane
Concen: 23.579 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion: 128 Resp: 55757
Ion Ratio Lower Upper
128 100
49 137.2 110.0 204.4
130 117.7 94.8 176.0
51 45.0 40.2 60.2

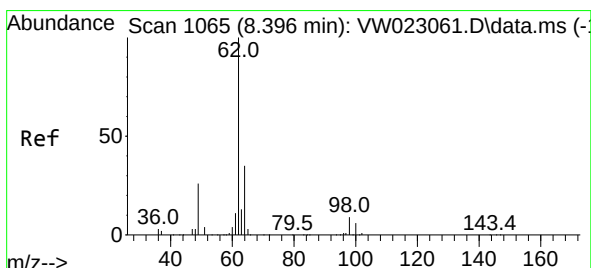
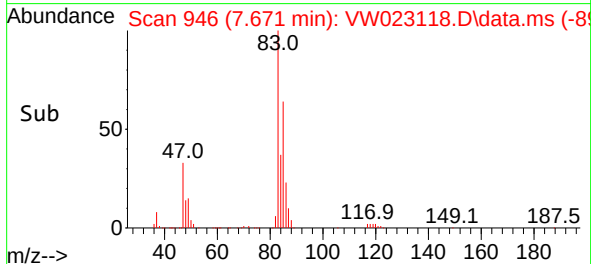
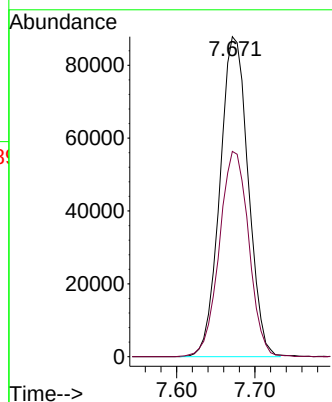
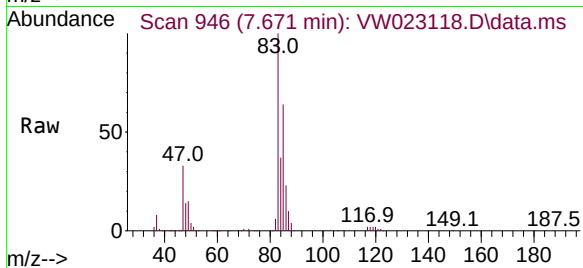




#25
Chloroform
Concen: 25.003 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

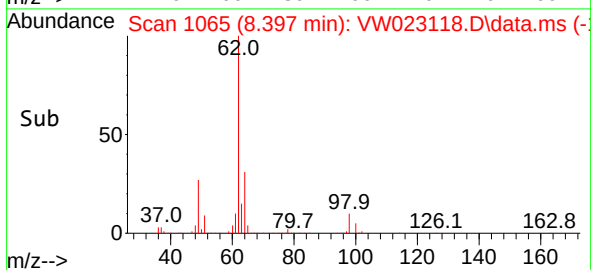
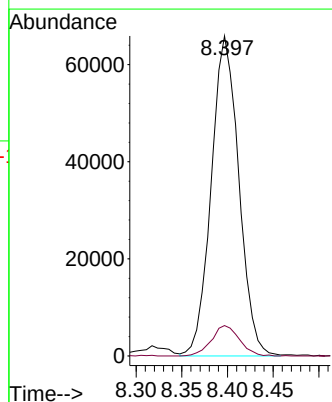
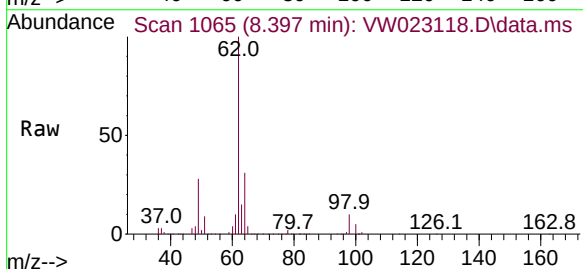
Instrument :
MSVOA_W
ClientSampleId :

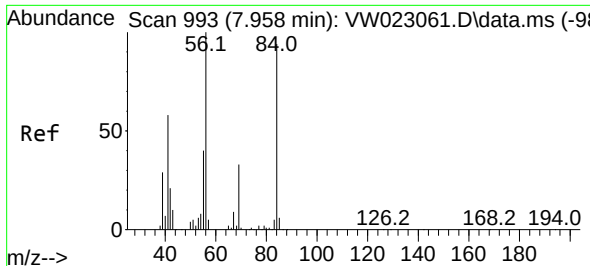
Tgt Ion: 83 Resp: 220274
Ion Ratio Lower Upper
83 100
85 64.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.602 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

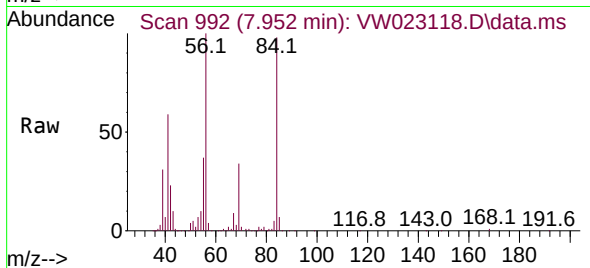
Tgt Ion: 62 Resp: 138607
Ion Ratio Lower Upper
62 100
98 9.5 7.2 10.8



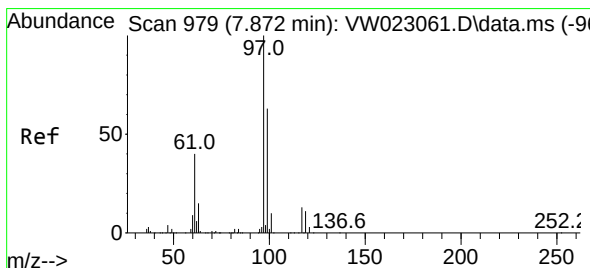
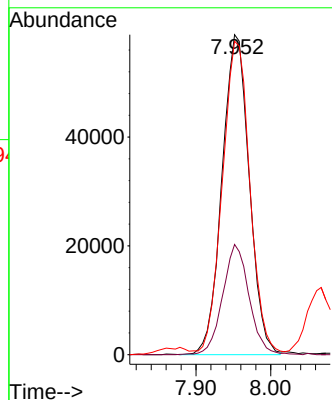
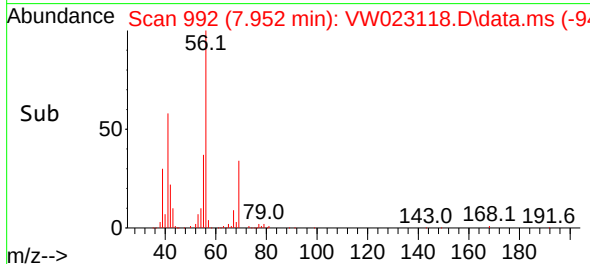


#29
Cyclohexane
Concen: 21.544 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Instrument :
MSVOA_W
ClientSampleId :

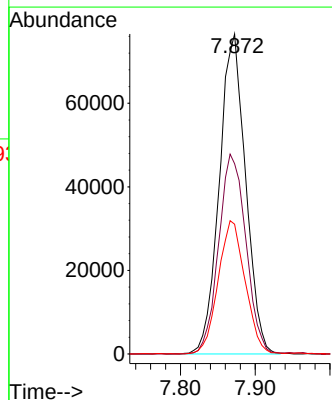
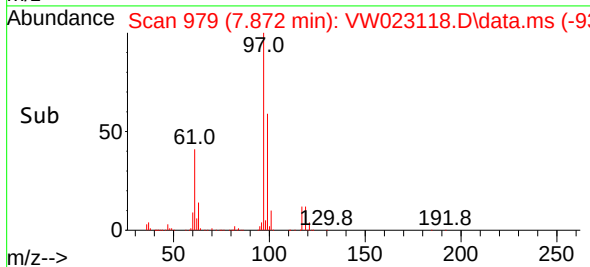
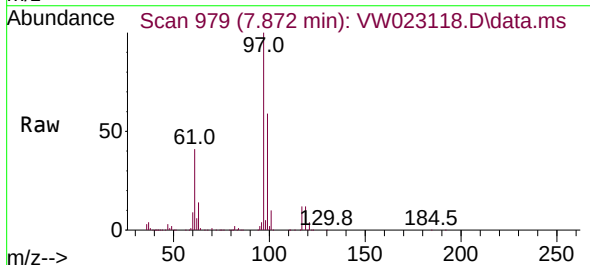


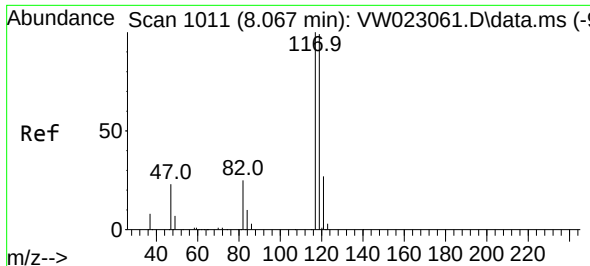
Tgt Ion:	56	Resp:	149194
Ion Ratio	Lower	Upper	
56	100		
69	33.3	25.6	38.4
84	98.9	78.2	117.4



#30
1,1,1-Trichloroethane
Concen: 24.785 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion:	97	Resp:	187547
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.0	76.4
61	42.8	34.8	52.2

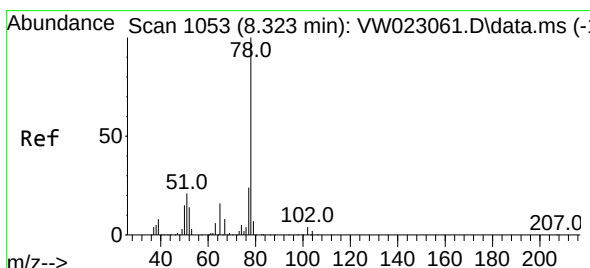
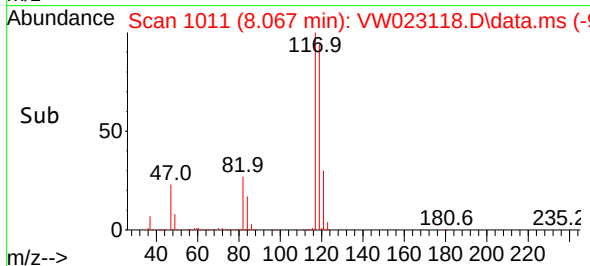
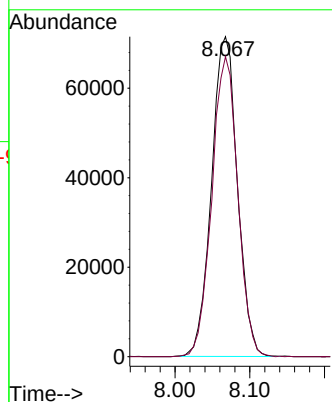
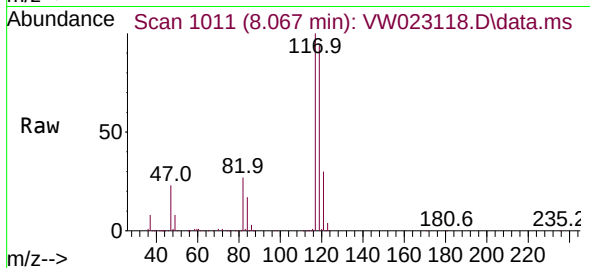




#31
Carbon tetrachloride
Concen: 24.283 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

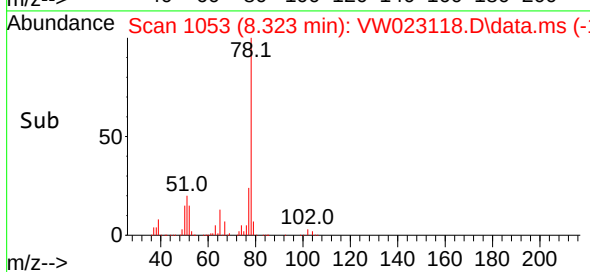
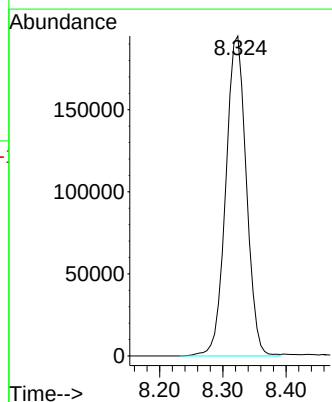
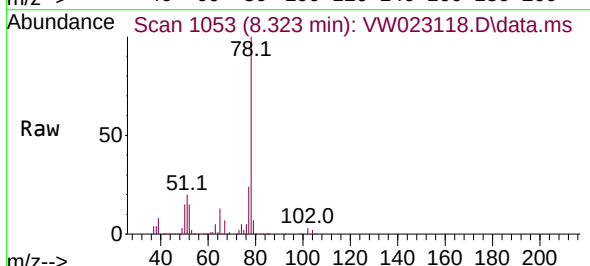
Instrument :
MSVOA_W
ClientSampleId :

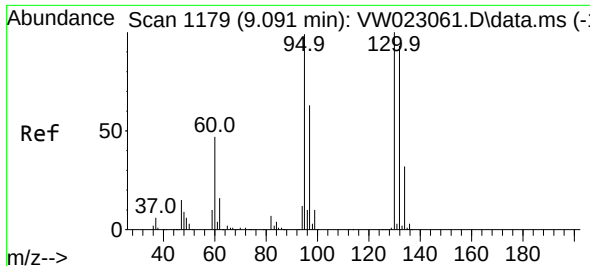
Tgt Ion:117 Resp: 171888
Ion Ratio Lower Upper
117 100
119 94.1 76.6 115.0



#33
Benzene
Concen: 23.254 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

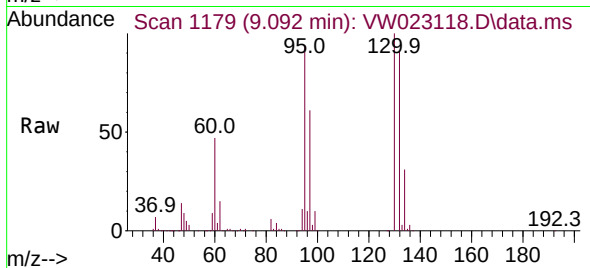
Tgt Ion: 78 Resp: 438646



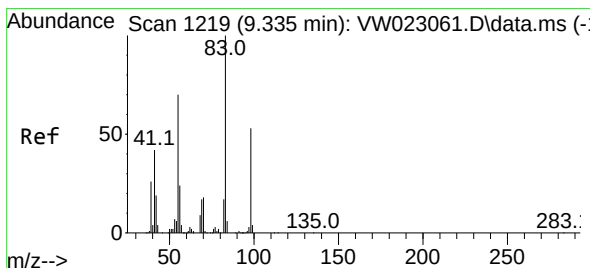
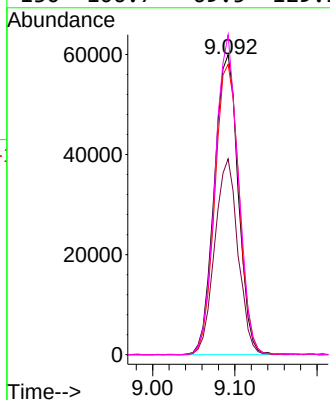
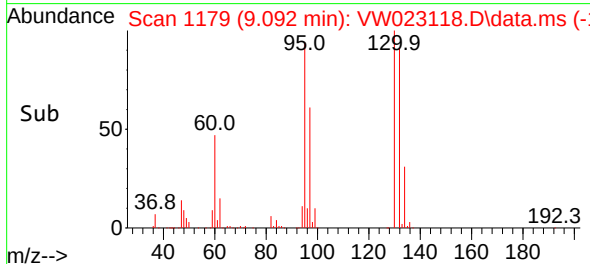


#34
Trichloroethene
Concen: 23.375 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

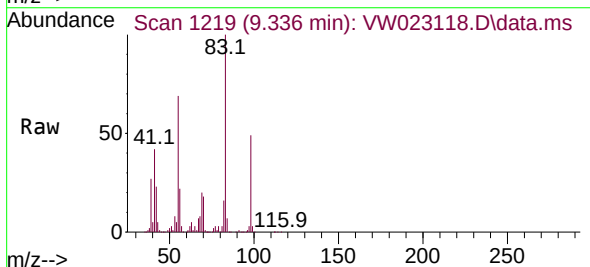
Instrument :
MSVOA_W
ClientSampleId :



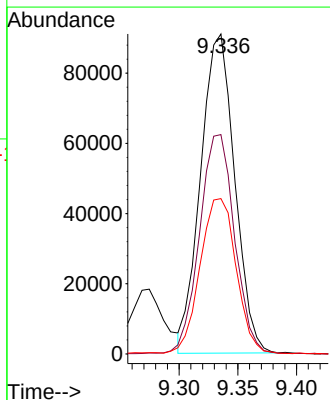
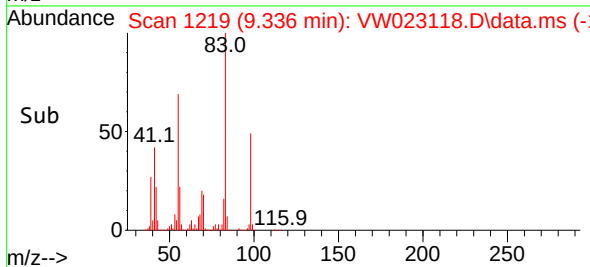
Tgt Ion: 95 Resp: 121263
Ion Ratio Lower Upper
95 100
97 65.3 46.1 85.7
132 96.8 66.9 124.3
130 106.7 69.5 129.1

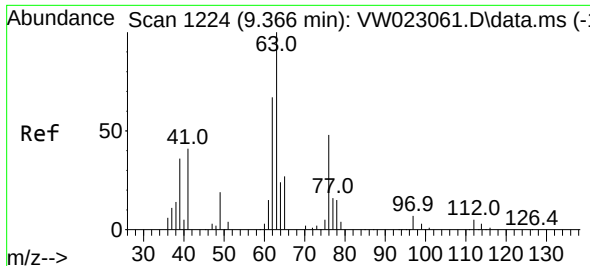


#35
Methylcyclohexane
Concen: 21.525 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09



Tgt Ion: 83 Resp: 183442
Ion Ratio Lower Upper
83 100
55 70.8 55.1 82.7
98 51.7 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.846 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Instrument :

MSVOA_W

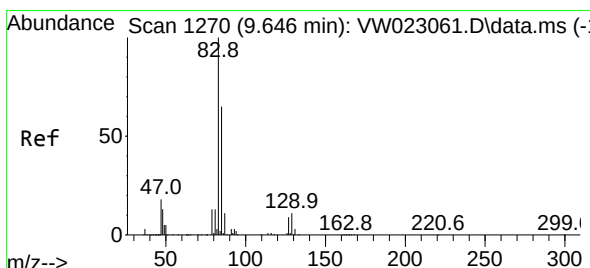
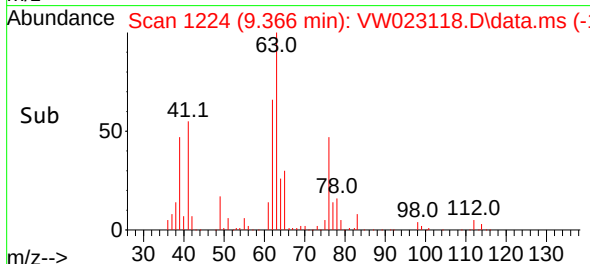
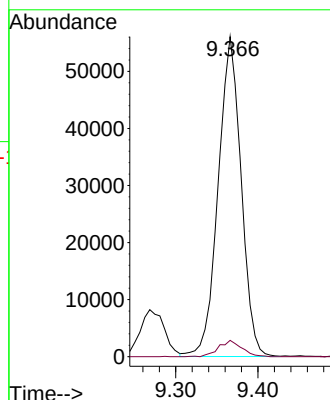
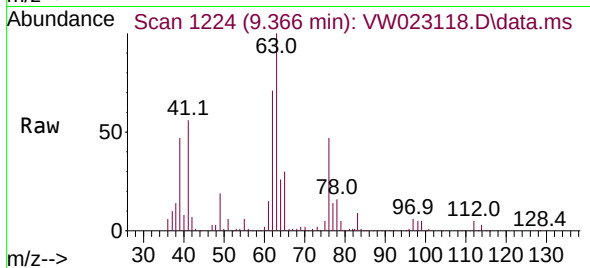
ClientSampleId :

Tgt Ion: 63 Resp: 108854

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 24.723 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

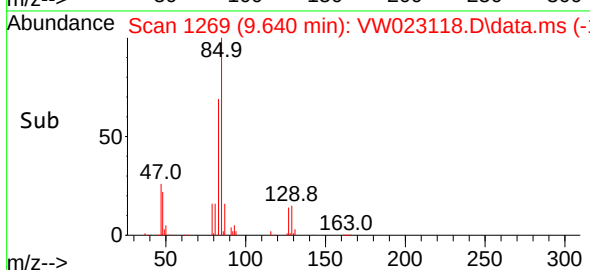
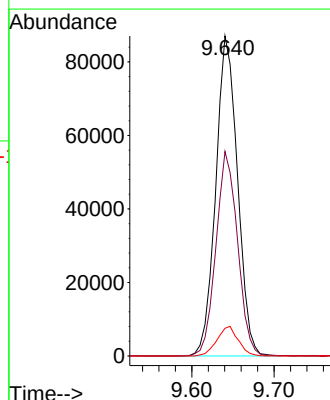
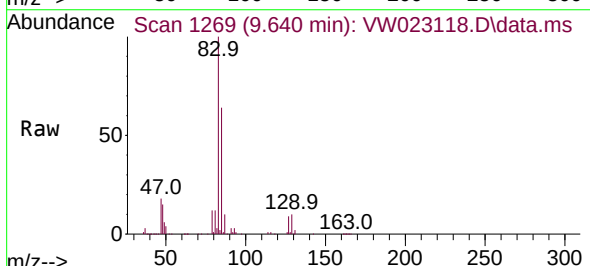
Tgt Ion: 83 Resp: 160299

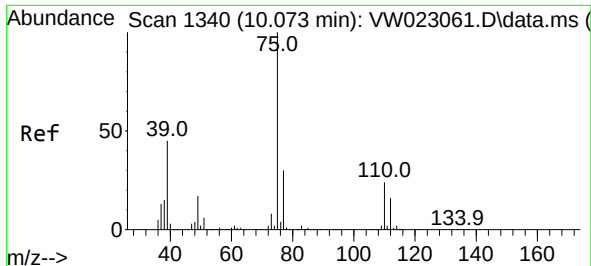
Ion Ratio Lower Upper

83 100

85 63.9 43.5 80.7

127 8.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.028 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Instrument :

MSVOA_W

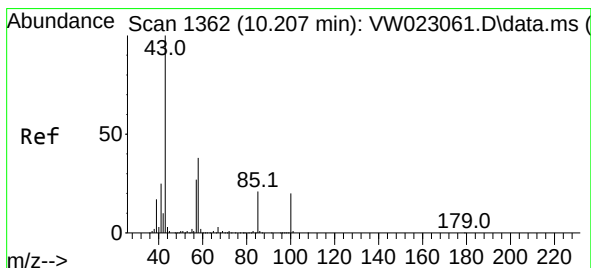
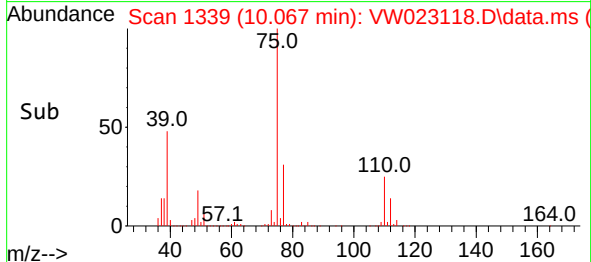
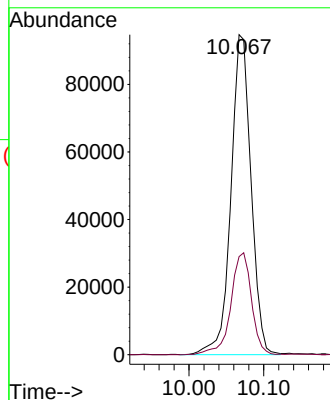
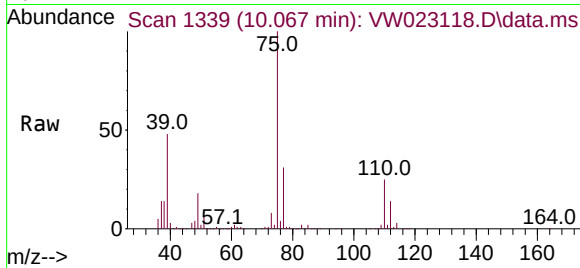
ClientSampleId :

Tgt Ion: 75 Resp: 177151

Ion Ratio Lower Upper

75 100

77 30.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 44.511 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

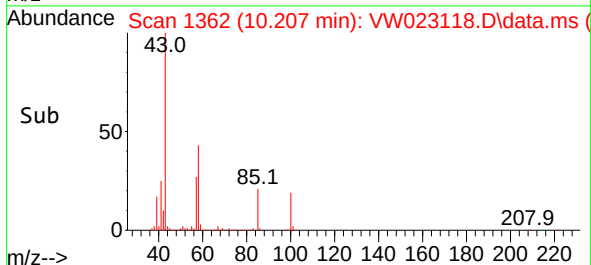
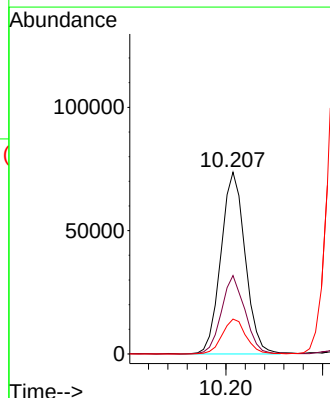
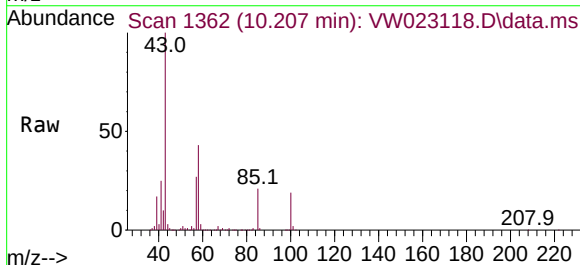
Tgt Ion: 43 Resp: 128068

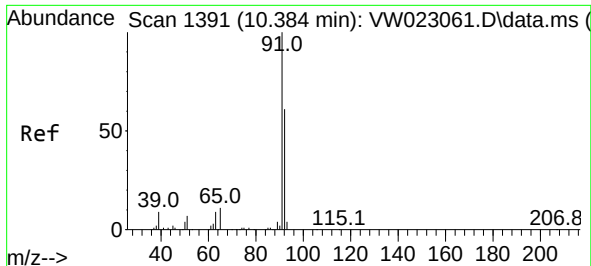
Ion Ratio Lower Upper

43 100

58 41.8 31.4 47.2

100 18.9 14.2 21.4

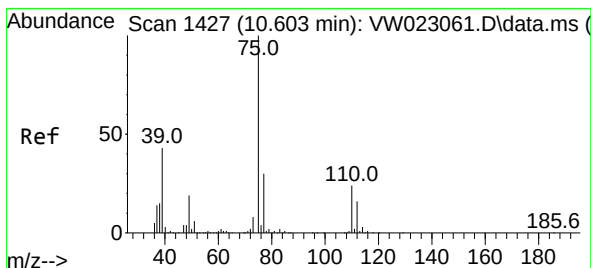
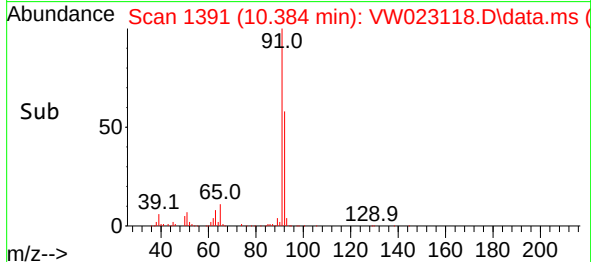
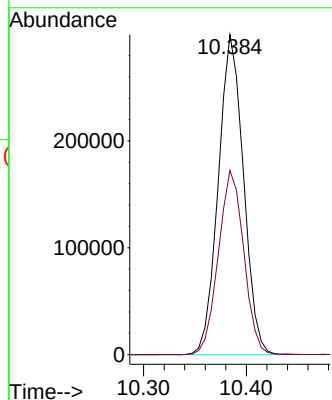
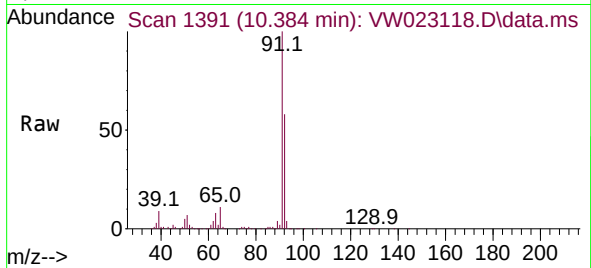




#42
Toluene
Concen: 24.014 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

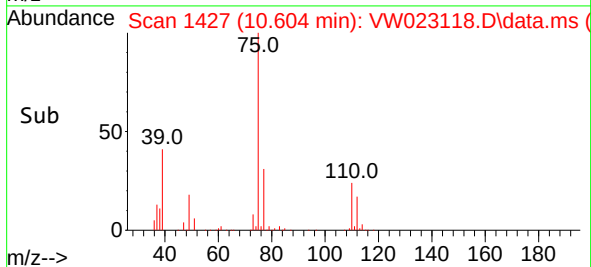
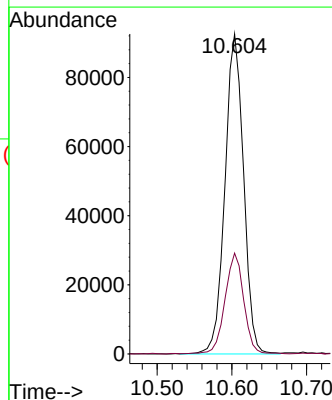
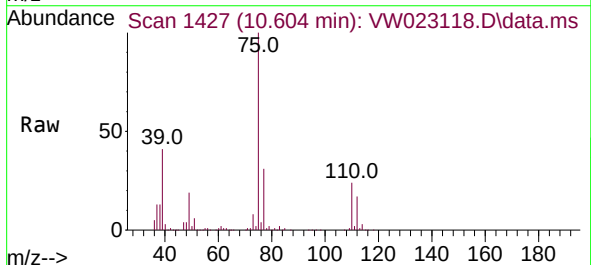
Instrument :
MSVOA_W
ClientSampleId :

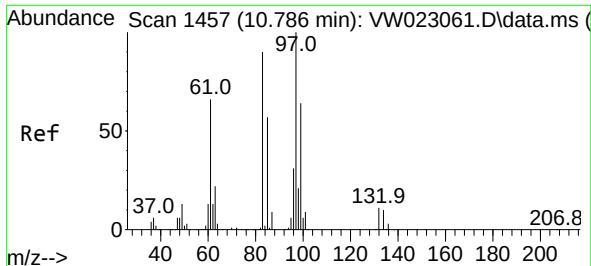
Tgt Ion: 91 Resp: 507653
Ion Ratio Lower Upper
91 100
92 57.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.445 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

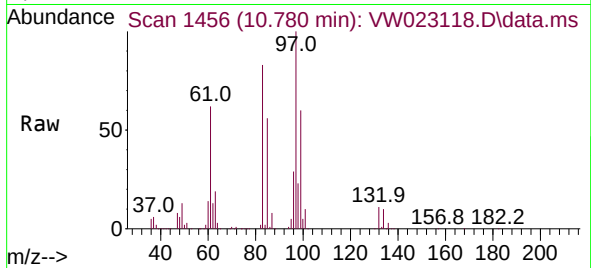
Tgt Ion: 75 Resp: 160755
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8



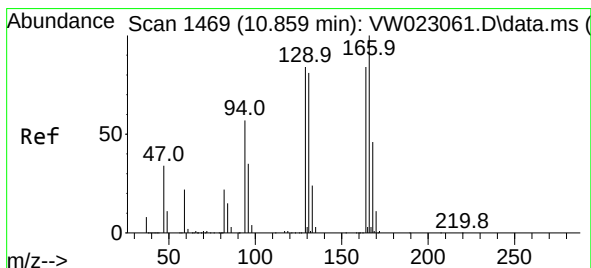
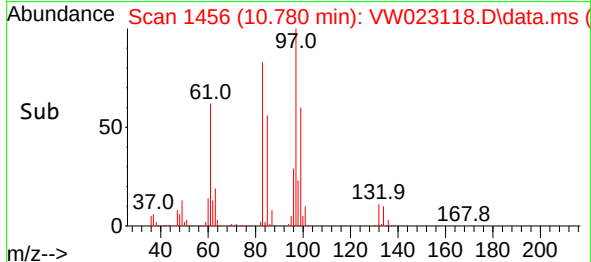
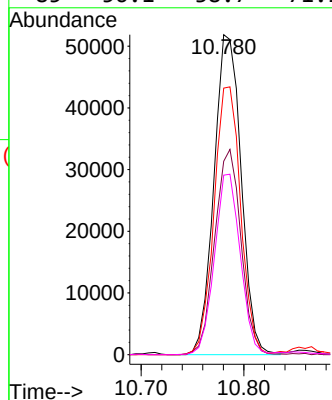


#45
1,1,2-Trichloroethane
Concen: 24.966 ug/L
RT: 10.780 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Instrument :
MSVOA_W
ClientSampleId :

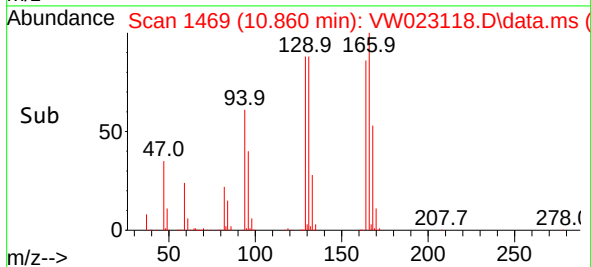
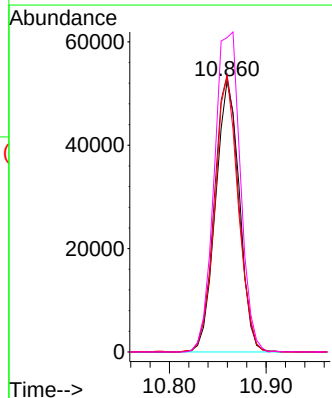
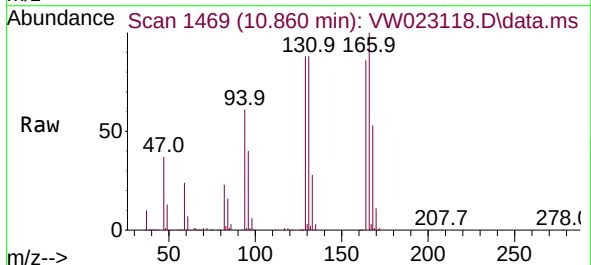


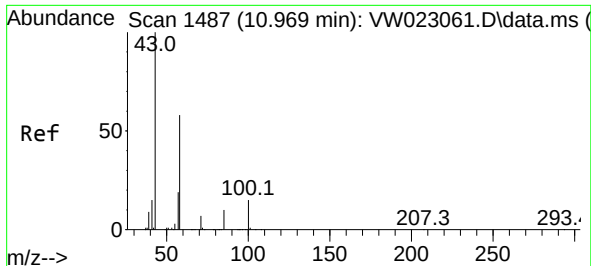
Tgt Ion:	97	Resp:	95273
Ion	Ratio	Lower	Upper
97	100		
99	60.5	44.7	82.9
83	83.3	58.4	108.4
85	56.1	38.7	71.9



#46
Tetrachloroethene
Concen: 23.019 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

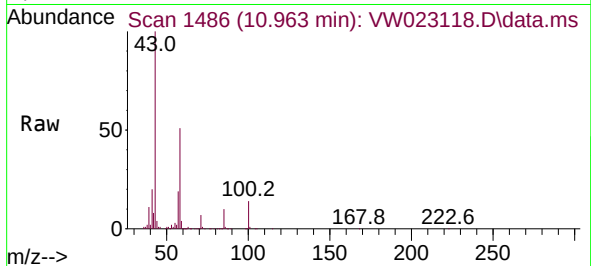
Tgt Ion:	164	Resp:	89743
Ion	Ratio	Lower	Upper
164	100		
129	102.2	76.9	142.7
131	101.7	75.1	139.5
166	116.0	96.0	178.2



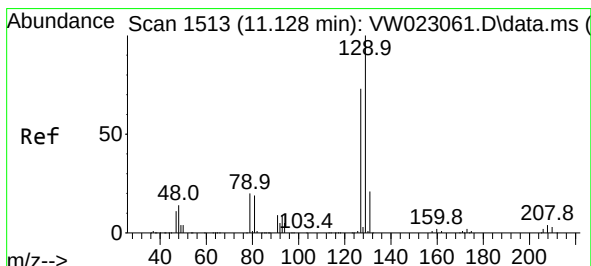
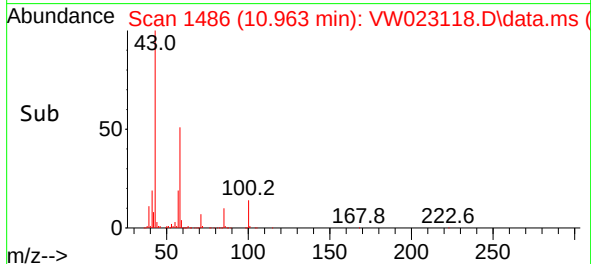
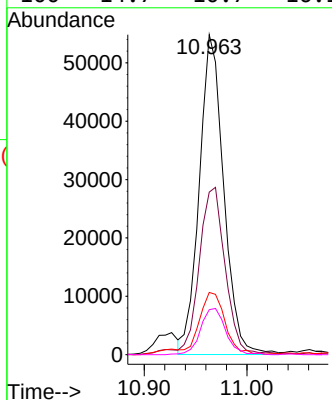


#48
2-Hexanone
Concen: 47.154 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Instrument :
MSVOA_W
ClientSampleId :

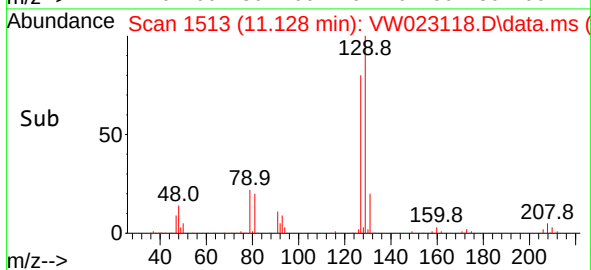
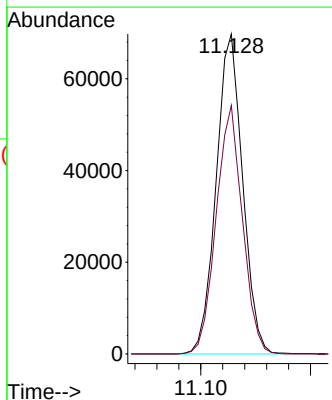
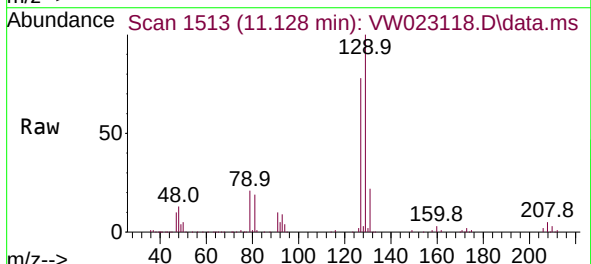


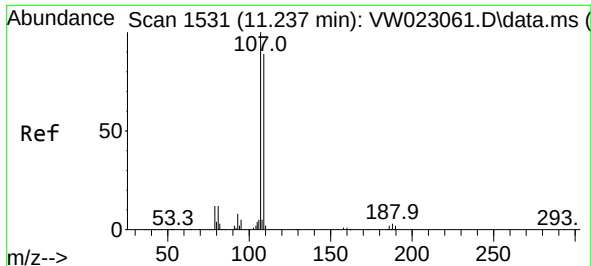
Tgt Ion: 43 Resp: 90650
Ion Ratio Lower Upper
43 100
58 53.7 45.9 68.9
57 20.4 16.2 24.2
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 25.472 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion: 129 Resp: 116990
Ion Ratio Lower Upper
129 100
127 77.7 53.8 100.0





#50

1,2-Dibromoethane

Concen: 24.159 ug/L

RT: 11.232 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW023118.D

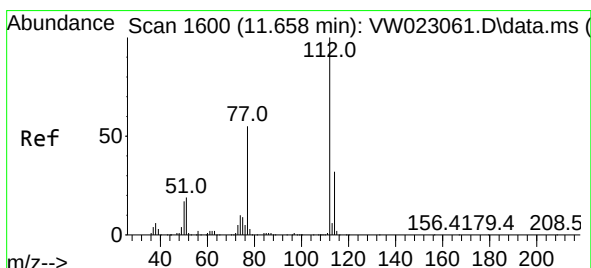
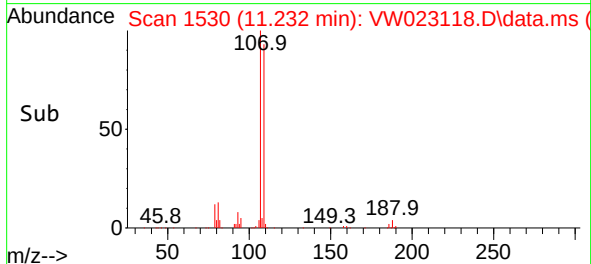
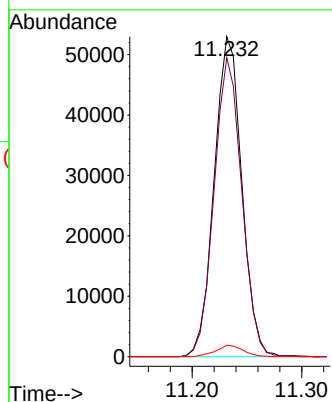
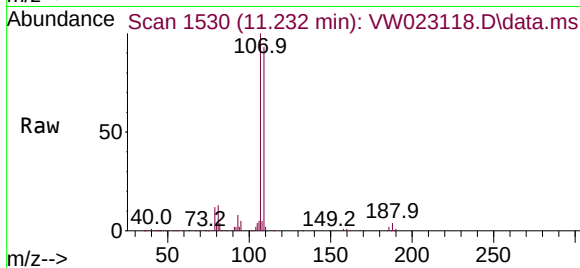
Acq: 18 May 2022 09:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	92572
Ion Ratio	Lower	Upper
107	100	
109	93.5	67.5 125.4
188	3.6	2.9 4.3



#51

Chlorobenzene

Concen: 24.912 ug/L

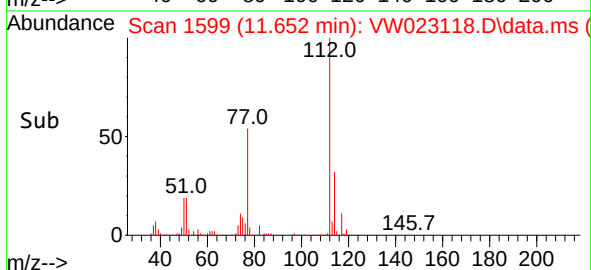
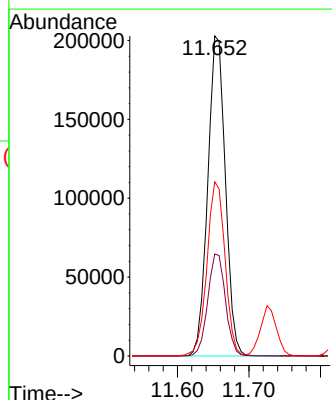
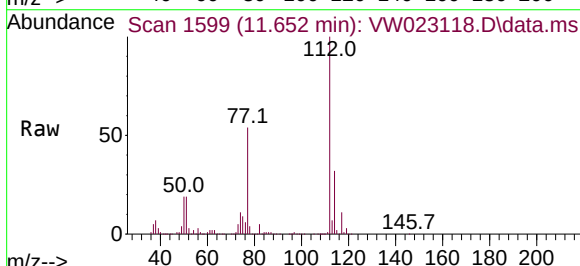
RT: 11.652 min Scan# 1599

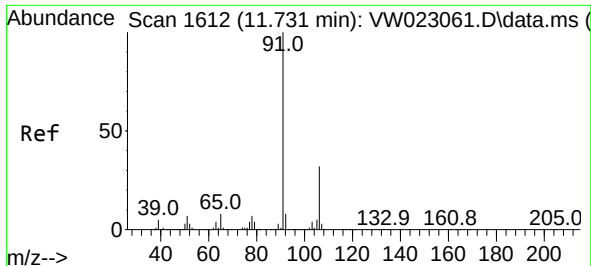
Delta R.T. -0.006 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Tgt Ion:112	Resp:	347201
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.0 41.0
77	54.4	42.6 63.8

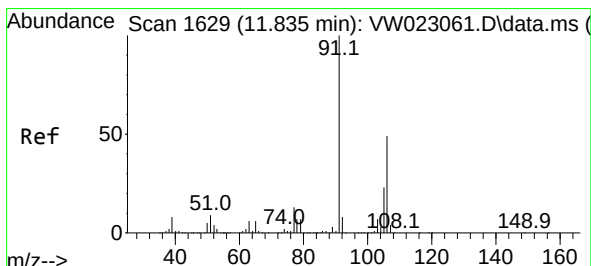
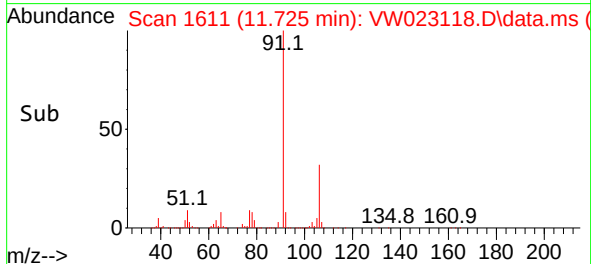
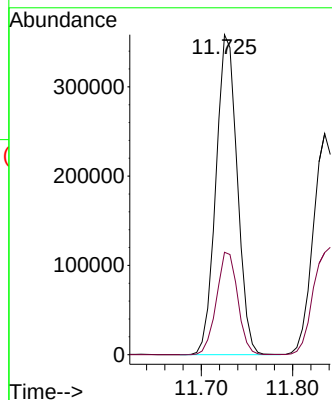
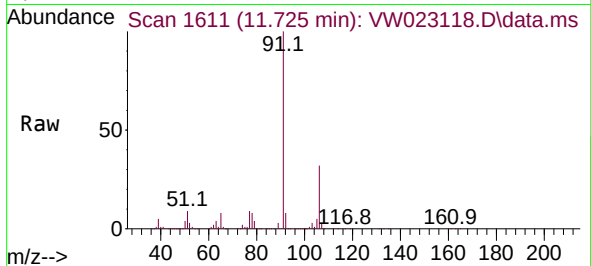




#52
Ethylbenzene
Concen: 24.752 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

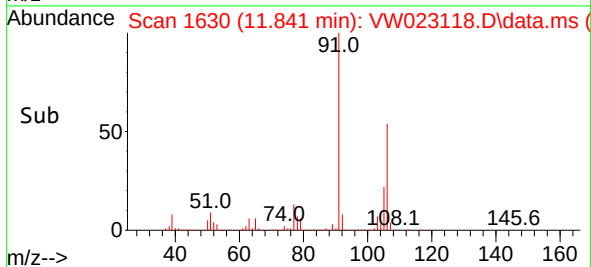
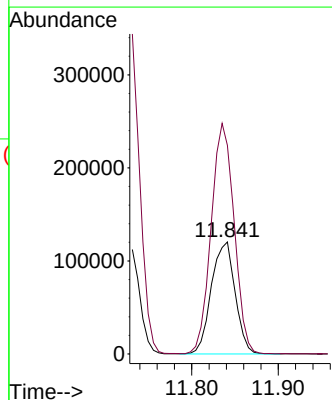
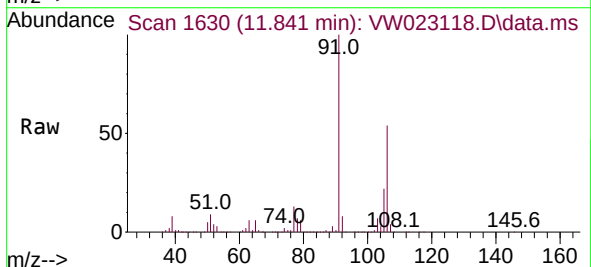
Instrument :
MSVOA_W
ClientSampleId :

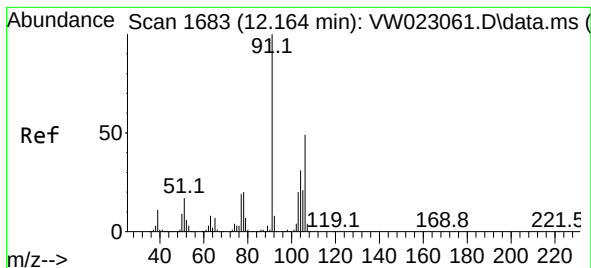
Tgt Ion: 91 Resp: 582139
Ion Ratio Lower Upper
91 100
106 32.0 22.3 41.3



#53
m,p-Xylene
Concen: 24.746 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion:106 Resp: 229321
Ion Ratio Lower Upper
106 100
91 186.3 136.8 254.0

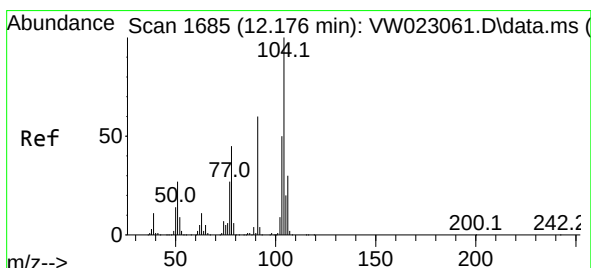
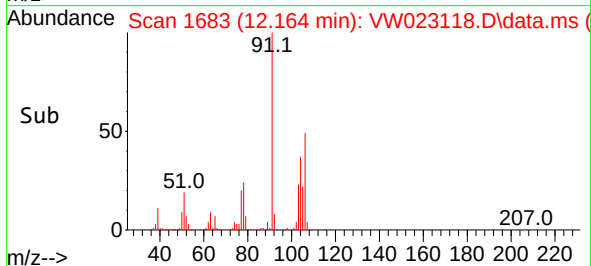
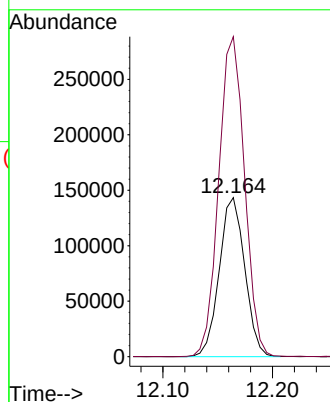
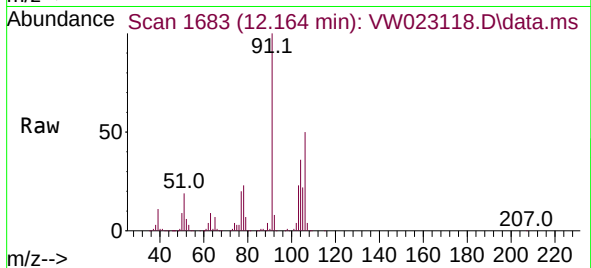




#54
o-Xylene
Concen: 26.068 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

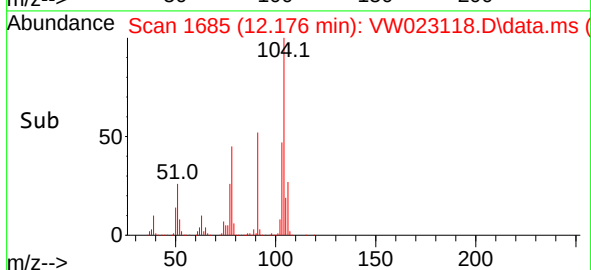
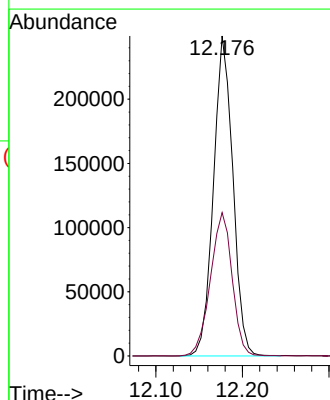
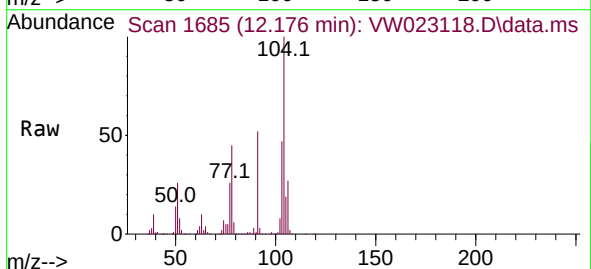
Instrument :
MSVOA_W
ClientSampleId :

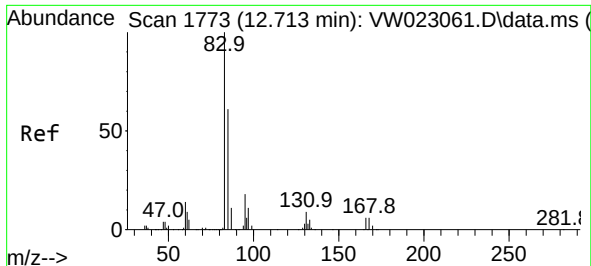
Tgt Ion:106 Resp: 231812
Ion Ratio Lower Upper
106 100
91 201.1 147.2 273.4



#55
Styrene
Concen: 25.682 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion:104 Resp: 388076
Ion Ratio Lower Upper
104 100
78 44.8 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.255 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Instrument :

MSVOA_W

ClientSampleId :

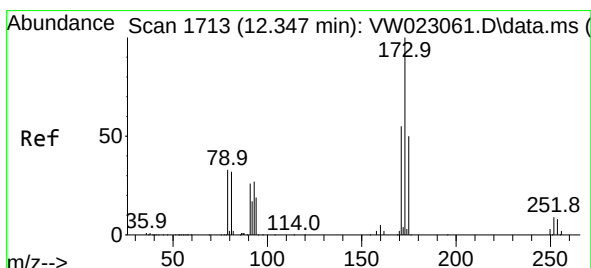
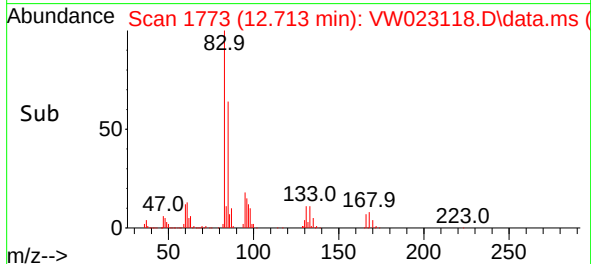
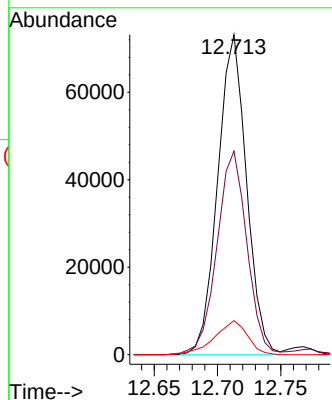
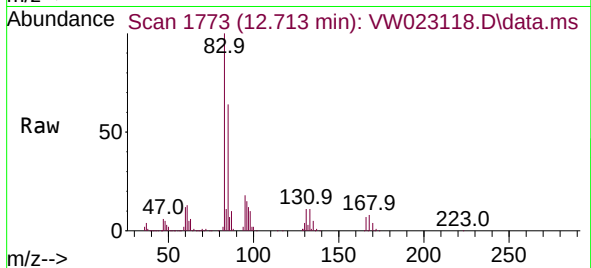
Tgt Ion: 83 Resp: 115608

Ion Ratio Lower Upper

83 100

85 63.6 47.5 88.1

131 10.7 8.7 13.1



#59

Bromoform

Concen: 24.281 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

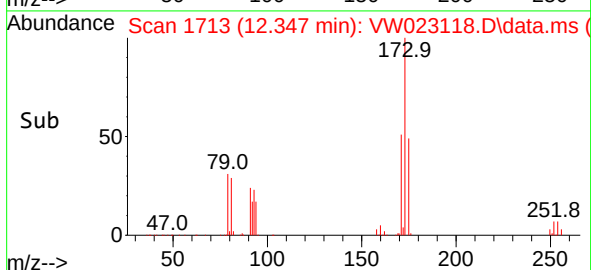
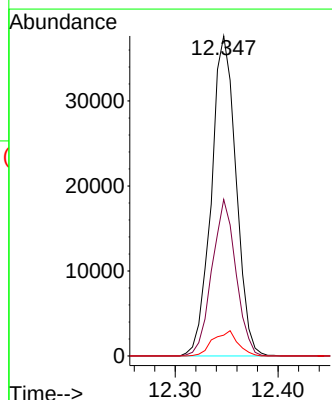
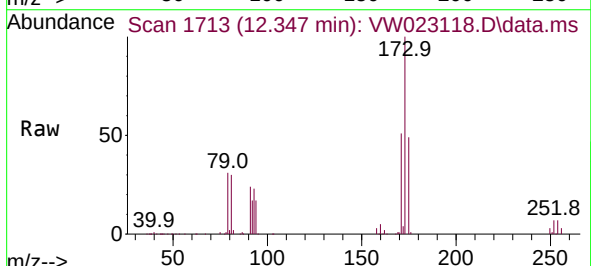
Tgt Ion:173 Resp: 62878

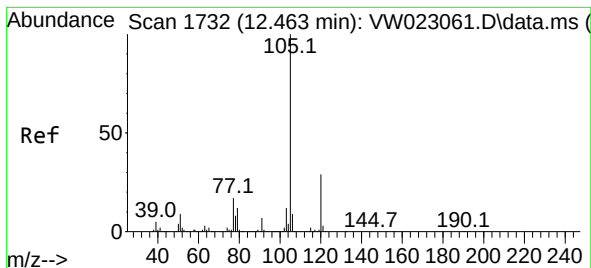
Ion Ratio Lower Upper

173 100

175 47.3 38.1 57.1

254 7.9 6.5 9.7





#60

Isopropylbenzene

Concen: 25.104 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Instrument :

MSVOA_W

ClientSampleId :

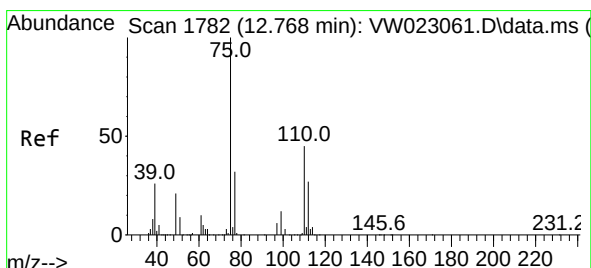
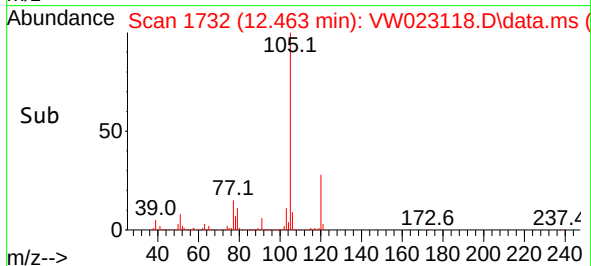
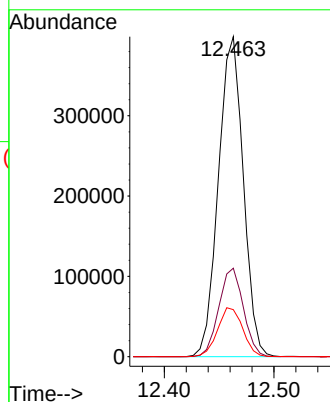
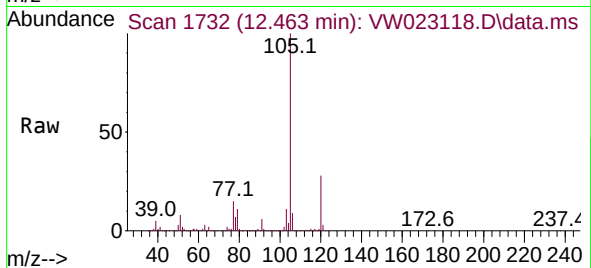
Tgt Ion:105 Resp: 628418

Ion Ratio Lower Upper

105 100

120 27.3 21.3 31.9

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 22.335 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

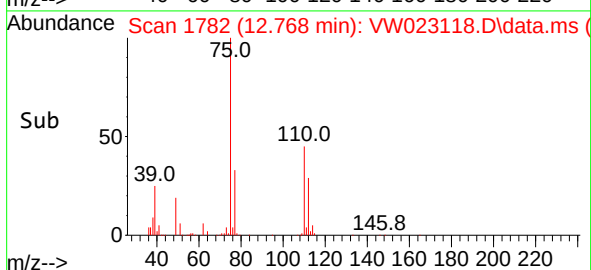
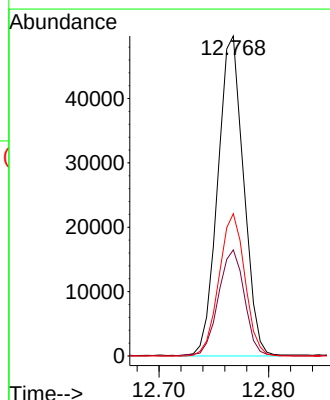
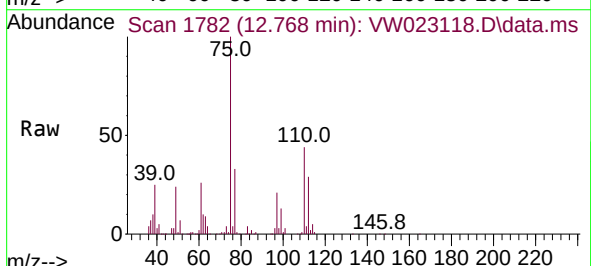
Tgt Ion: 75 Resp: 81546

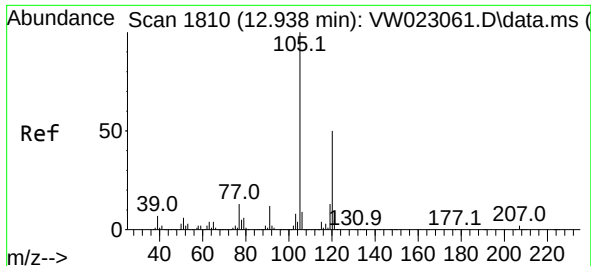
Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.2

110 44.4 34.1 51.1

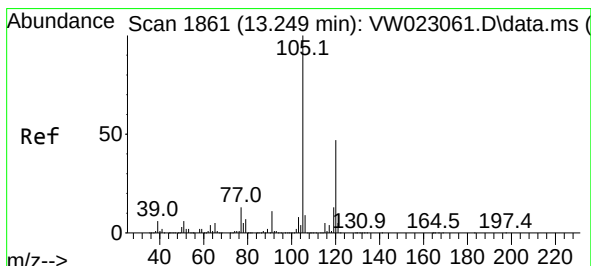
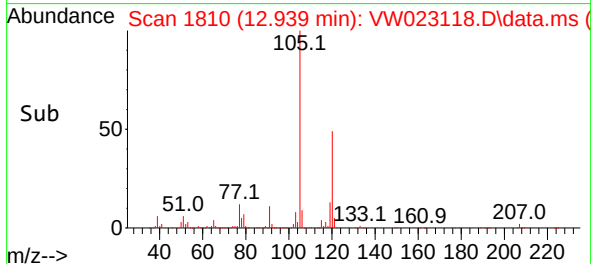
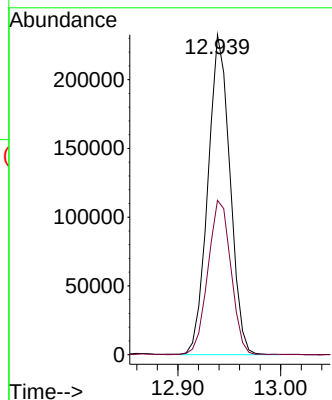
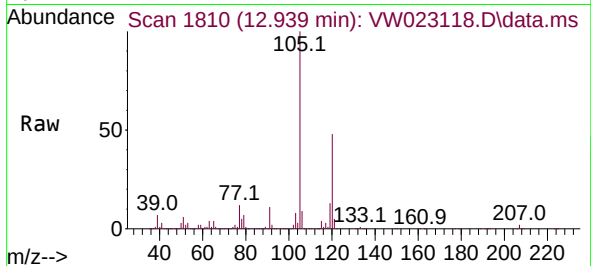




#62
1,3,5-Trimethylbenzene
Concen: 24.921 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

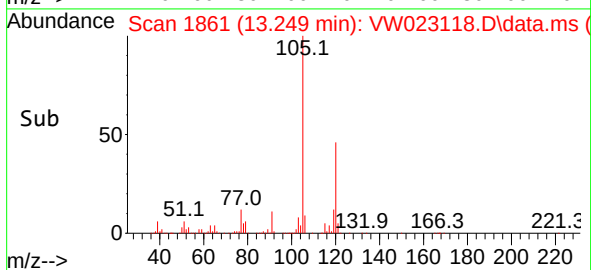
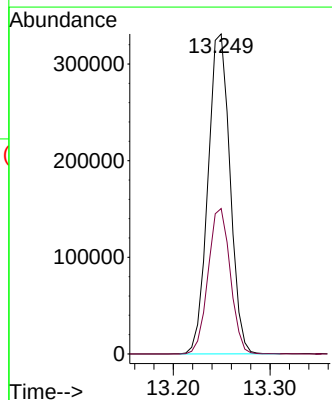
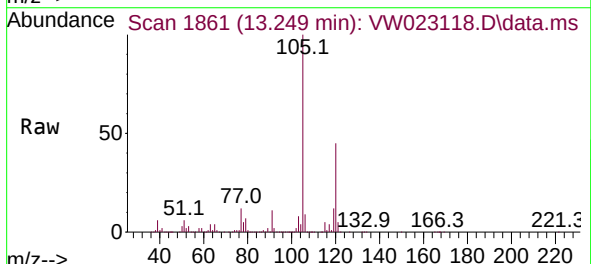
Instrument :
MSVOA_W
ClientSampleId :

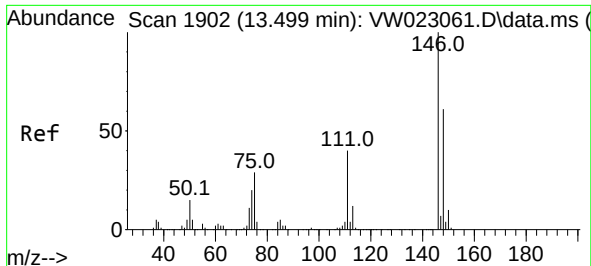
Tgt Ion:105 Resp: 347066
Ion Ratio Lower Upper
105 100
120 50.2 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.078 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion:105 Resp: 524417
Ion Ratio Lower Upper
105 100
120 45.7 37.4 56.2

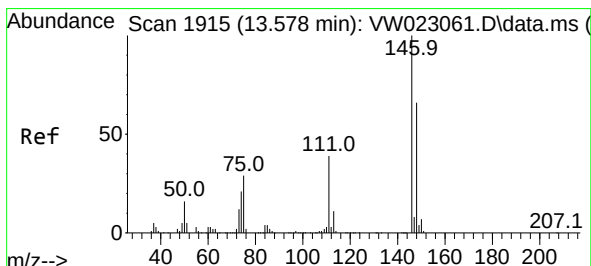
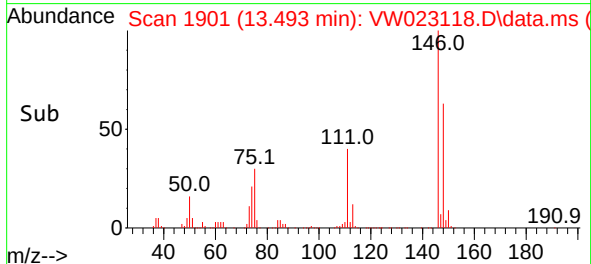
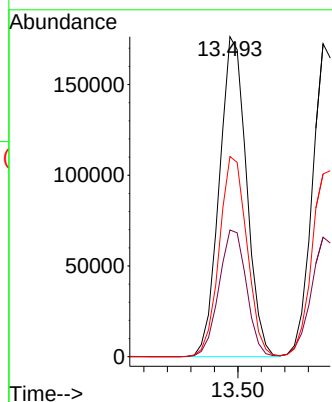
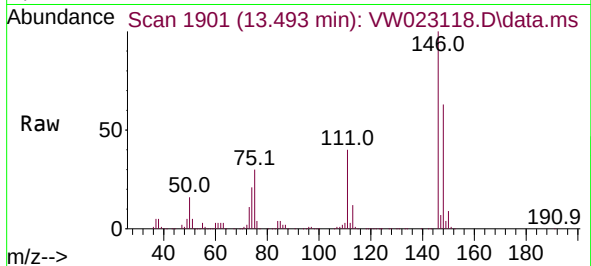




#64
1,3-Dichlorobenzene
Concen: 25.391 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

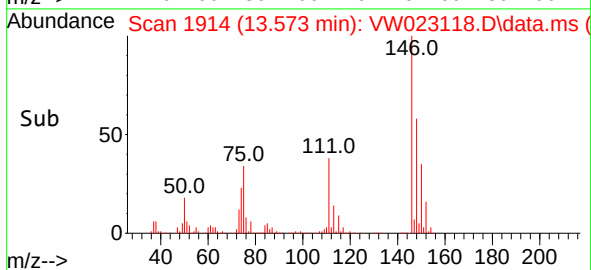
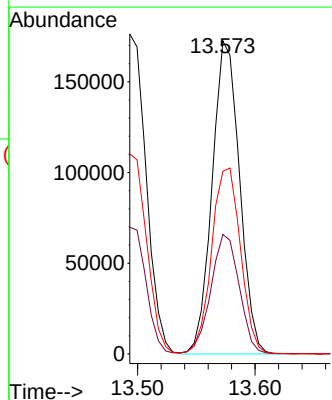
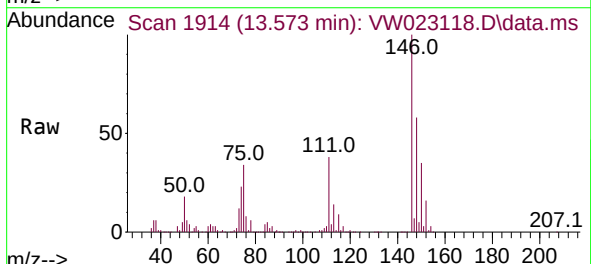
Instrument :
MSVOA_W
ClientSampleId :

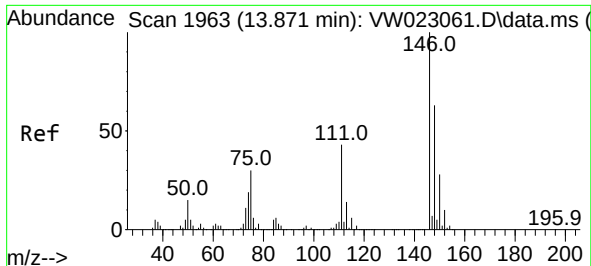
Tgt Ion:146 Resp: 283778
Ion Ratio Lower Upper
146 100
111 39.6 29.5 54.9
148 62.5 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.278 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023118.D
Acq: 18 May 2022 09:09

Tgt Ion:146 Resp: 280271
Ion Ratio Lower Upper
146 100
111 38.2 27.2 50.4
148 58.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.391 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Instrument :

MSVOA_W

ClientSampleId :

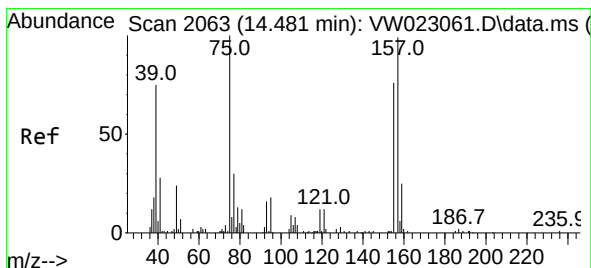
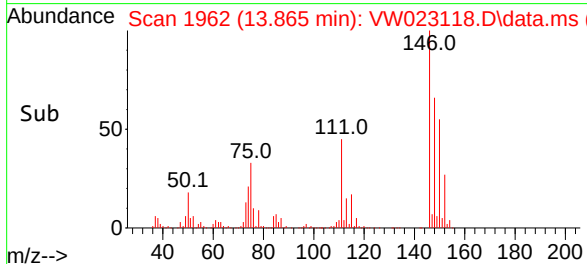
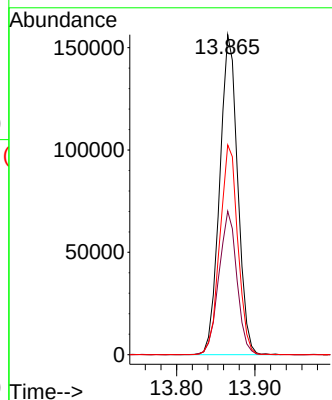
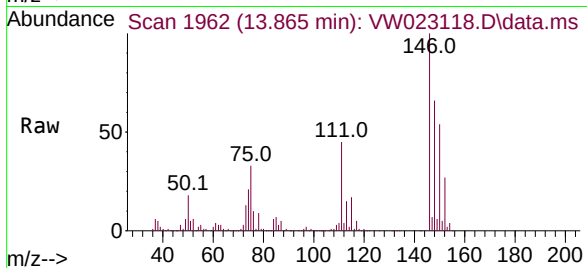
Tgt Ion:146 Resp: 249453

Ion Ratio Lower Upper

146 100

111 44.9 35.7 53.5

148 65.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.611 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

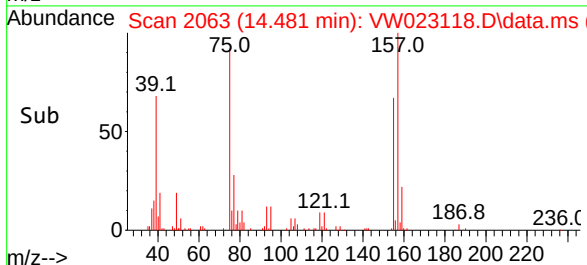
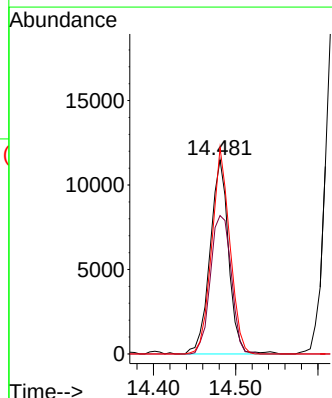
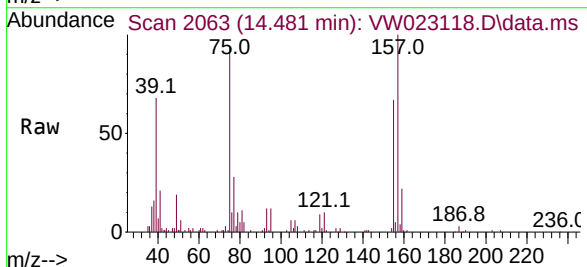
Tgt Ion: 75 Resp: 18042

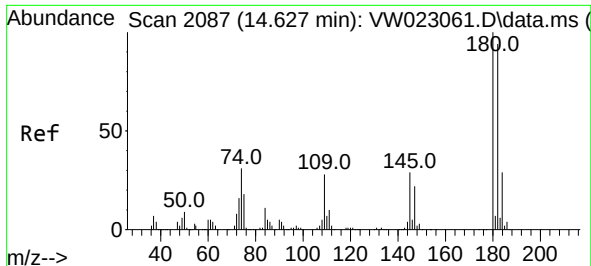
Ion Ratio Lower Upper

75 100

155 71.3 59.3 88.9

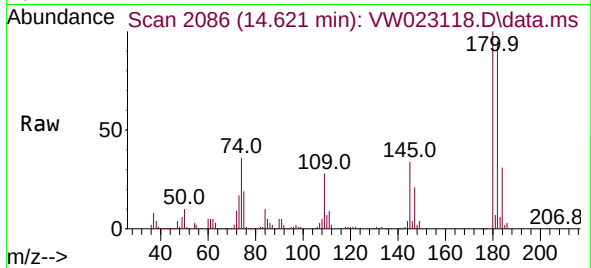
157 106.2 89.8 134.8



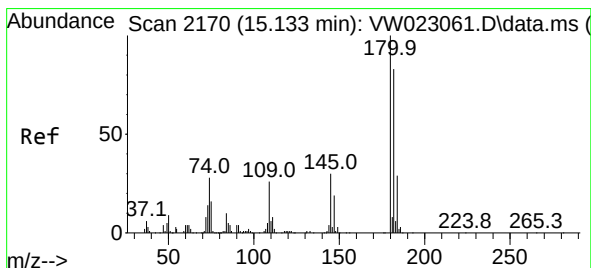
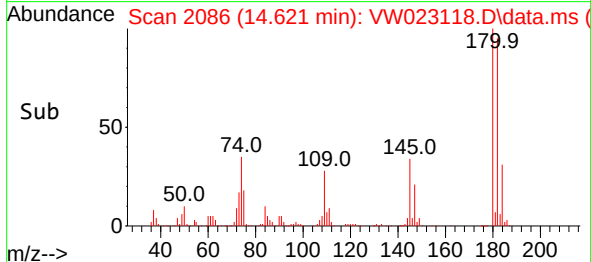
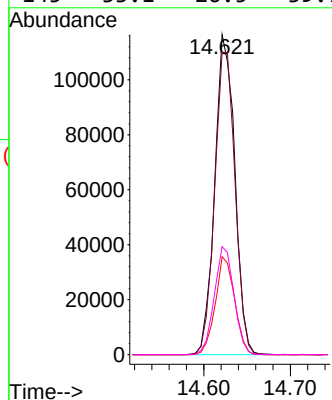


#69
 1,3,5-Trichlorobenzene
 Concen: 25.254 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW023118.D
 Acq: 18 May 2022 09:09

Instrument :
 MSVOA_W
 ClientSampleId :

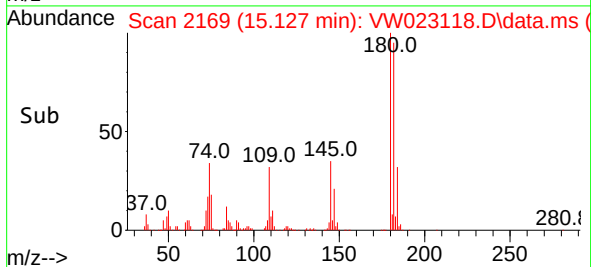
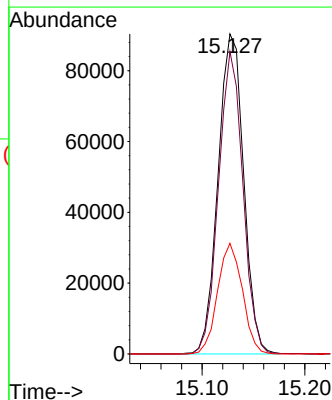
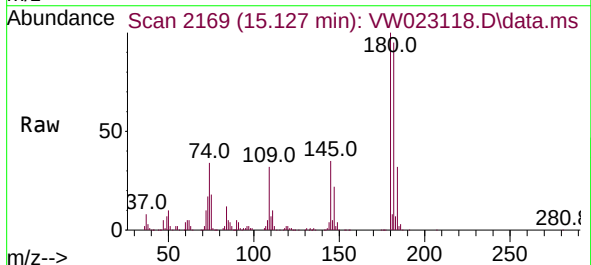


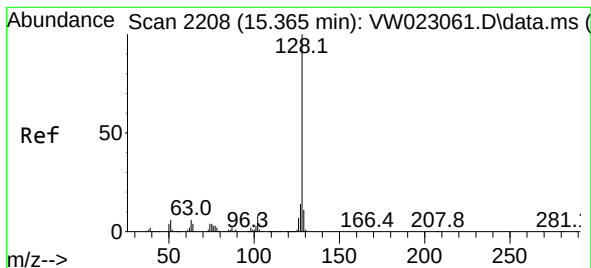
Tgt Ion:180 Resp: 187357
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.8 112.2
 184 29.5 23.4 35.2
 145 33.1 26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 26.191 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW023118.D
 Acq: 18 May 2022 09:09

Tgt Ion:180 Resp: 156301
 Ion Ratio Lower Upper
 180 100
 182 89.9 74.9 112.3
 145 33.4 26.6 39.8





#71

Naphthalene

Concen: 24.735 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Instrument :

MSVOA_W

ClientSampleId :

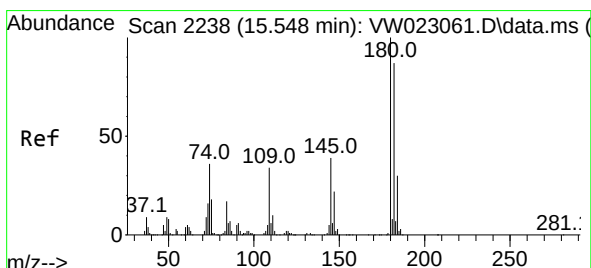
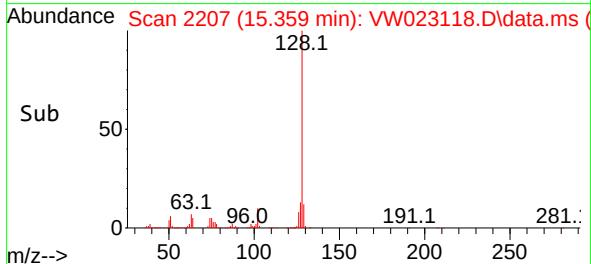
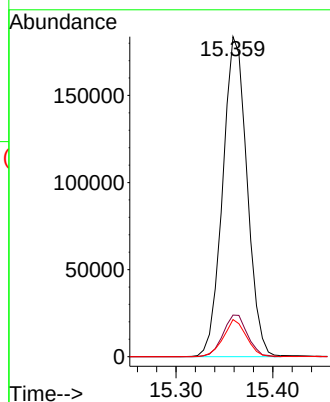
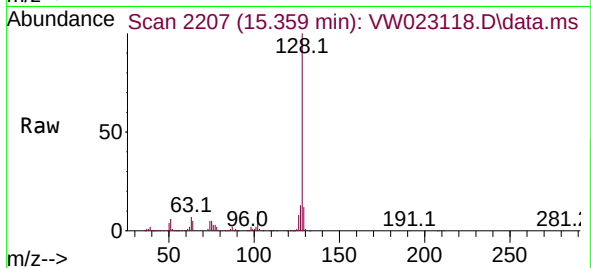
Tgt Ion:128 Resp: 320836

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.451 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023118.D

Acq: 18 May 2022 09:09

Tgt Ion:180 Resp: 129330

Ion Ratio Lower Upper

180 100

182 96.8 73.5 110.3

145 37.0 27.9 41.9

