

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025246.D
 Acq On : 30 Jan 2023 11:20
 Operator : SY/MD
 Sample : VSTD05008
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 00:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 00:47:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	400448	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	351749	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175371	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	210596	47.097	ug/L	0.00
7) Chloroethane-d5	2.879	69	144389	50.235	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	512284	48.800	ug/L	0.00
21) 2-Butanone-d5	7.074	46	117248	96.048	ug/L	0.00
24) Chloroform-d	7.647	84	516974	48.660	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	272985	47.972	ug/L	0.00
32) Benzene-d6	8.275	84	1033768	49.560	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	293964	48.693	ug/L	0.00
41) Toluene-d8	10.323	98	960528	49.899	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	133311	50.146	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	99684	103.455	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	226895	48.789	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	305285	48.716	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	145757	58.572	ug/L	99
3) Chloromethane	2.209	50	230129	49.434	ug/L	97
5) Vinyl chloride	2.355	62	290344	49.504	ug/L	99
6) Bromomethane	2.776	94	148561	48.504	ug/L	97
8) Chloroethane	2.916	64	136463	51.754	ug/L	98
9) Trichlorofluoromethane	3.257	101	229549	51.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	302854	50.786	ug/L	99
12) 1,1-Dichloroethene	4.038	96	284214	50.838	ug/L	99
13) Acetone	4.117	43	135487	102.516	ug/L	100
14) Carbon disulfide	4.379	76	940959	51.035	ug/L	100
15) Methyl Acetate	4.665	43	108115	49.521	ug/L	98
16) Methylene chloride	4.909	84	274015	43.145	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	296275	50.841	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	430987	51.275	ug/L	99
19) 1,1-Dichloroethane	6.214	63	522422	50.342	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	313482	51.455	ug/L	96
22) 2-Butanone	7.171	43	164722	102.341	ug/L	98
23) Bromochloromethane	7.513	128	132128	50.402	ug/L	97
25) Chloroform	7.677	83	534574	50.444	ug/L	98
27) 1,2-Dichloroethane	8.397	62	356412	50.614	ug/L	99
29) Cyclohexane	7.958	56	513072	53.201	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	471660	51.644	ug/L	98
31) Carbon tetrachloride	8.067	117	438508	51.045	ug/L	99
33) Benzene	8.323	78	1176475	50.965	ug/L	100
34) Trichloroethene	9.092	95	320579	50.980	ug/L	99
35) Methylcyclohexane	9.335	83	573076	52.433	ug/L	98
37) 1,2-Dichloropropane	9.366	63	284841	51.162	ug/L	99
38) Bromodichloromethane	9.646	83	389070	52.194	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	489019	53.416	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	305529	104.987	ug/L	99
42) Toluene	10.384	91	1255433	51.461	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	413555	53.823	ug/L	98

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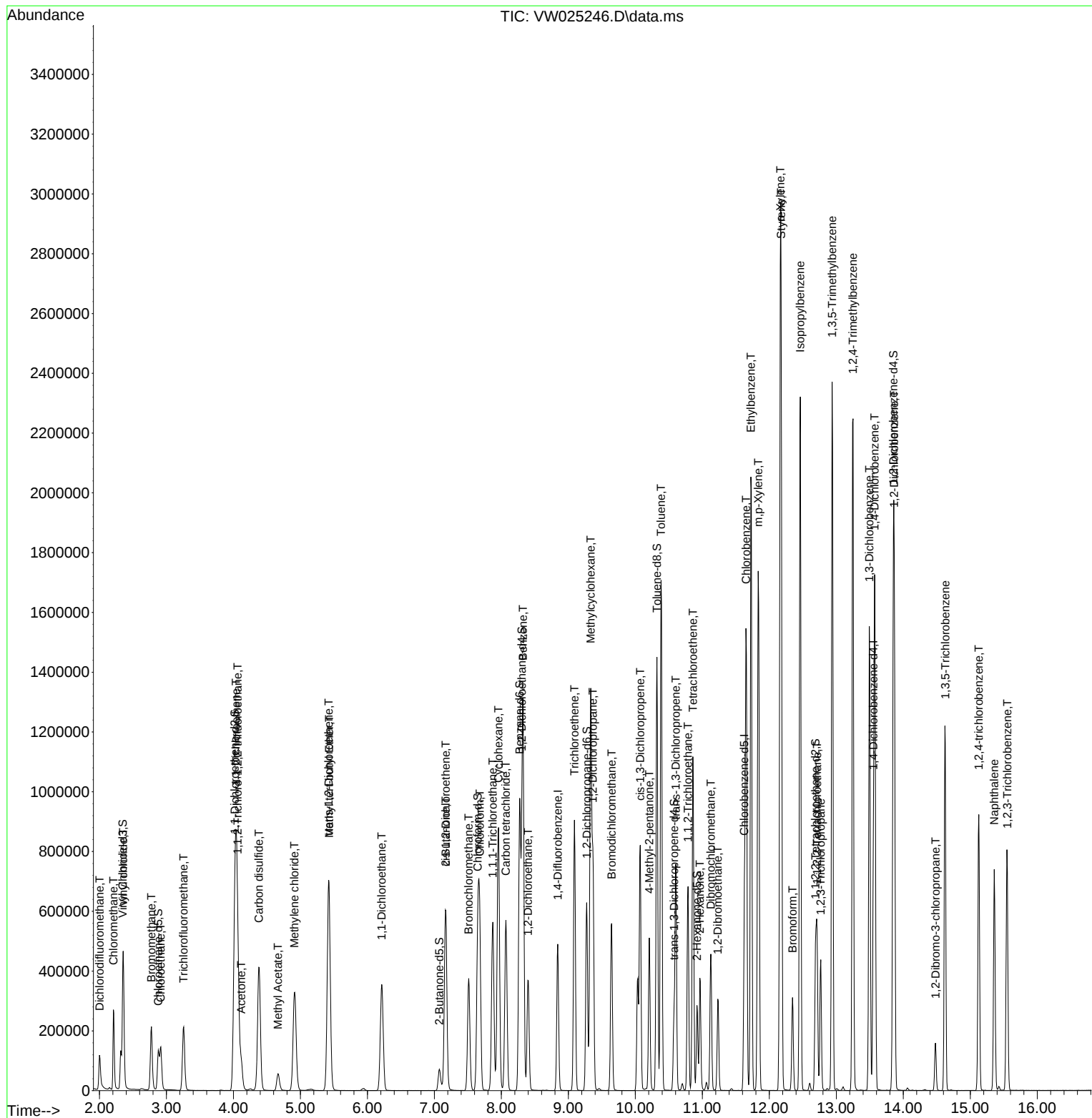
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	213755	51.052	ug/L	98
46) Tetrachloroethene	10.859	164	240490	51.908	ug/L	98
48) 2-Hexanone	10.963	43	231217	104.792	ug/L	99
49) Dibromochloromethane	11.128	129	246589	51.704	ug/L	99
50) 1,2-Dibromoethane	11.231	107	207887	51.546	ug/L	95
51) Chlorobenzene	11.652	112	797867	51.086	ug/L	99
52) Ethylbenzene	11.725	91	1469775	51.900	ug/L	98
53) m,p-Xylene	11.835	106	560113	52.044	ug/L	98
54) o-Xylene	12.164	106	530530	52.509	ug/L	98
55) Styrene	12.176	104	910340	53.510	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	243381	50.335	ug/L	99
59) Bromoform	12.347	173	137859	47.560	ug/L	98
60) Isopropylbenzene	12.463	105	1519239	49.456	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	182408	47.257	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	1282908	52.850	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1262076	53.133	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	619975	50.188	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	612754	49.922	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	539511	52.035	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	43491	47.935	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	348199	42.719	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	273642	41.891	ug/L	96
71) Naphthalene	15.359	128	599082	45.423	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	253241	42.910	ug/L	99

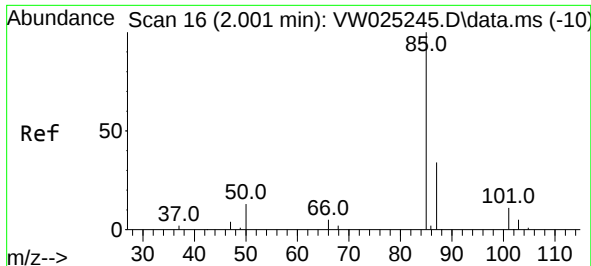
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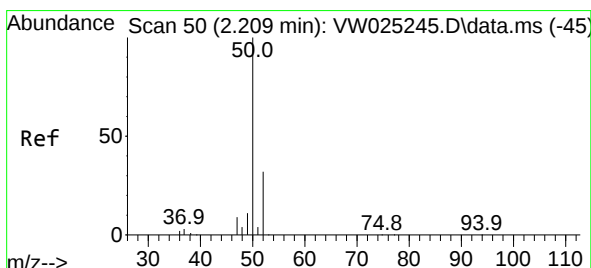
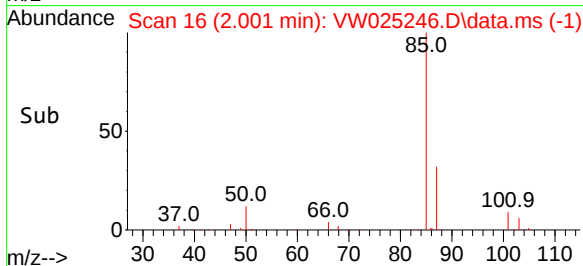
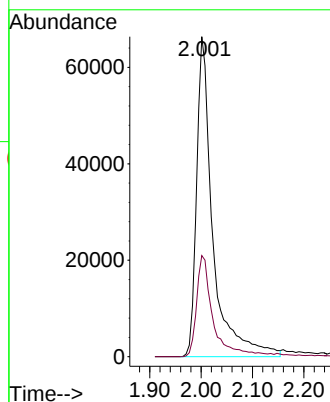
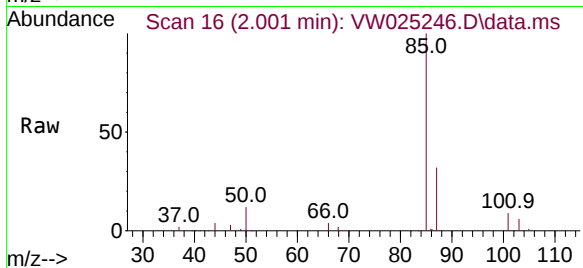




#2
 Dichlorodifluoromethane
 Concen: 58.572 ug/L
 RT: 2.001 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VW025246.D
 Acq: 30 Jan 2023 11:20

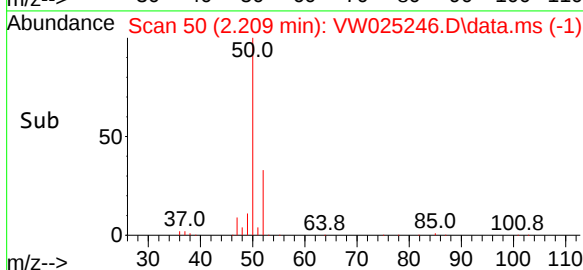
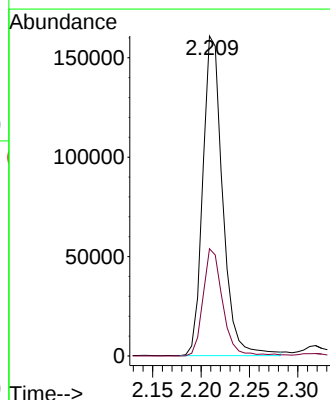
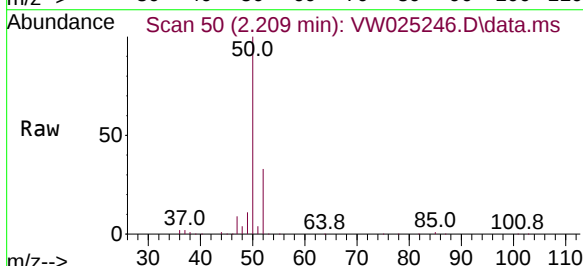
Instrument :
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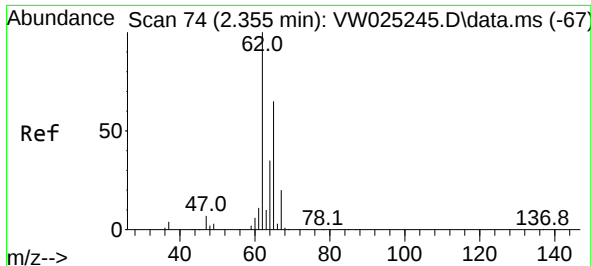
Tgt Ion: 85 Resp: 145757
 Ion Ratio Lower Upper
 85 100
 87 31.2 24.6 37.0



#3
 Chloromethane
 Concen: 49.434 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW025246.D
 Acq: 30 Jan 2023 11:20

Tgt Ion: 50 Resp: 230129
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.3 41.3

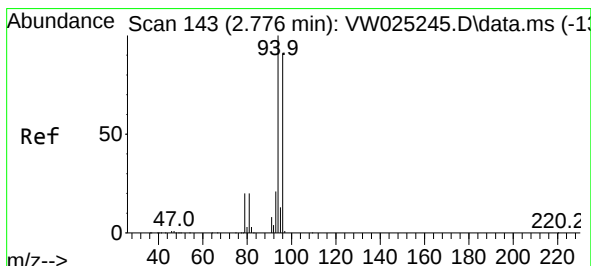
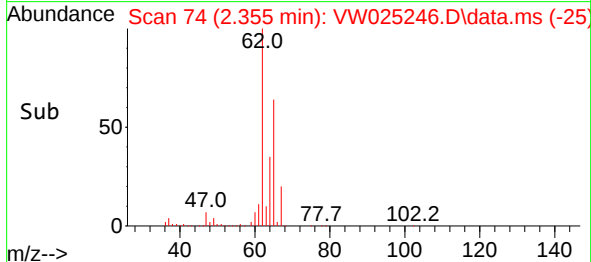
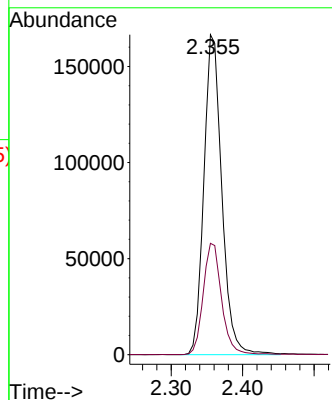
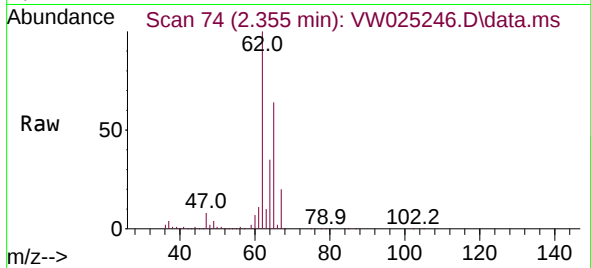




#5
 Vinyl chloride
 Concen: 49.504 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW025246.D
 Acq: 30 Jan 2023 11:20

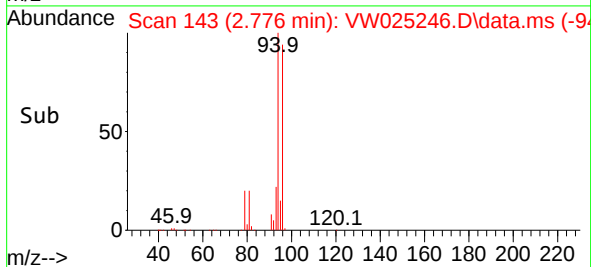
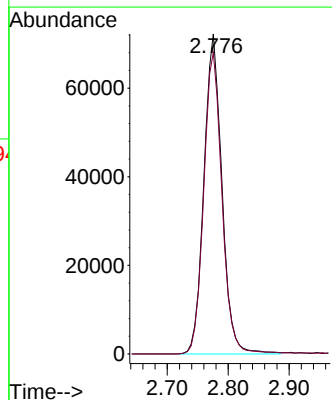
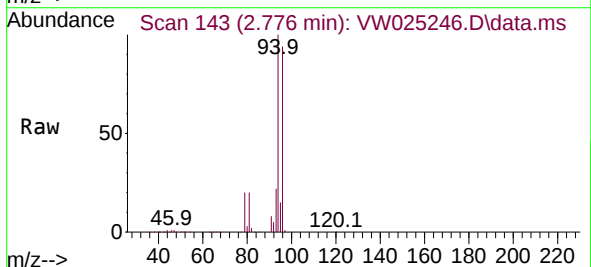
Instrument :
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 ClientSampleId :

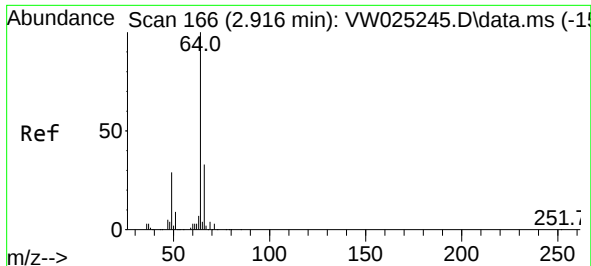
Tgt Ion: 62 Resp: 290344
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.7 45.9



#6
 Bromomethane
 Concen: 48.504 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW025246.D
 Acq: 30 Jan 2023 11:20

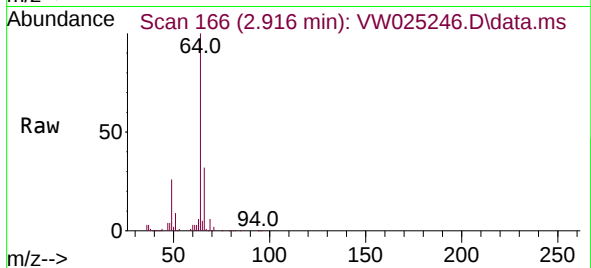
Tgt Ion: 94 Resp: 148561
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.0 118.8



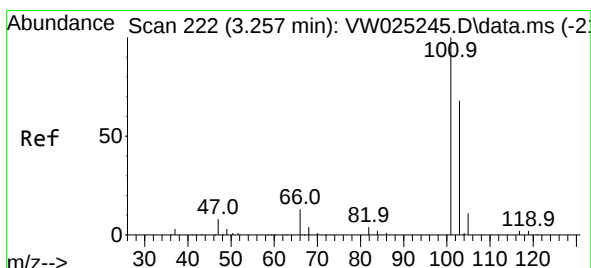
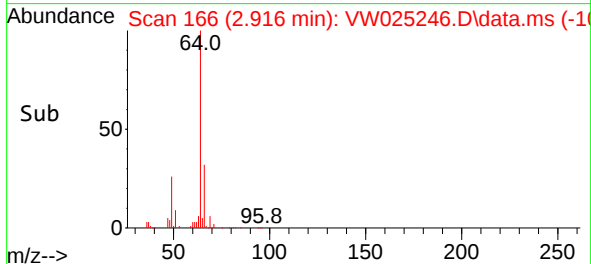
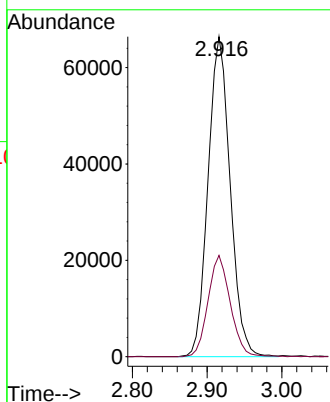


#8
Chloroethane
Concen: 51.754 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Instrument :
MSVOA_W
ClientSampleId :

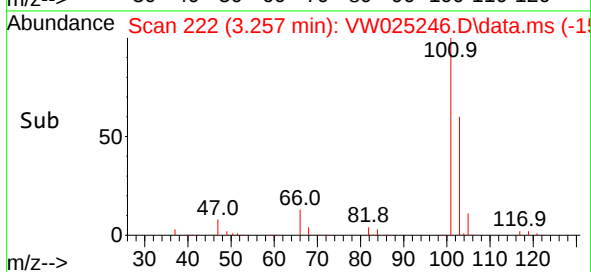
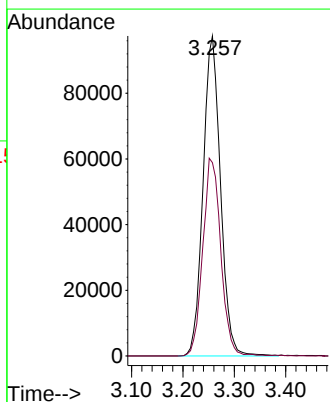
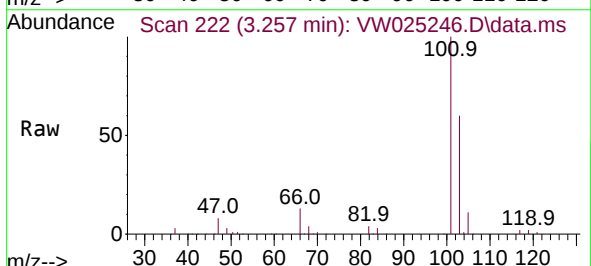


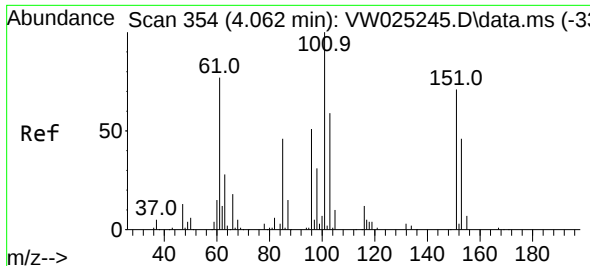
Tgt Ion: 64 Resp: 136463
Ion Ratio Lower Upper
64 100
66 31.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 51.382 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion: 101 Resp: 229549
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

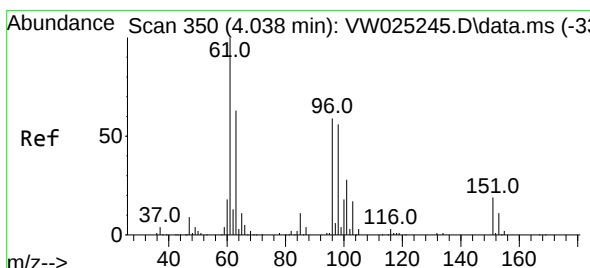
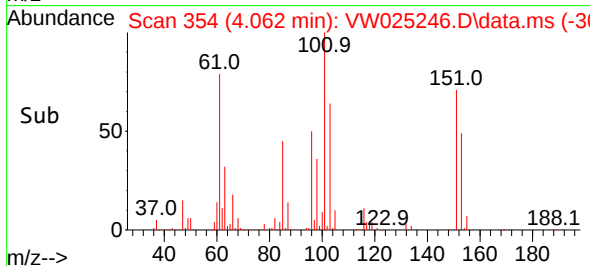
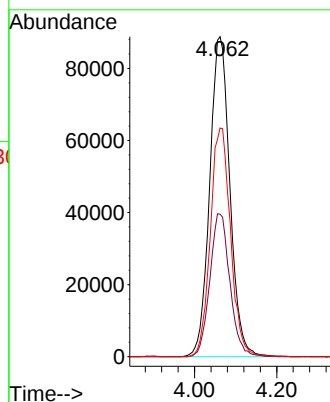
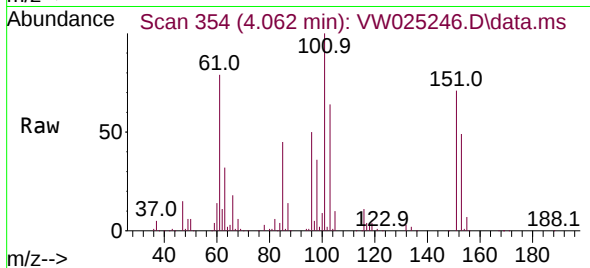




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.786 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW025246.D
 Acq: 30 Jan 2023 11:20

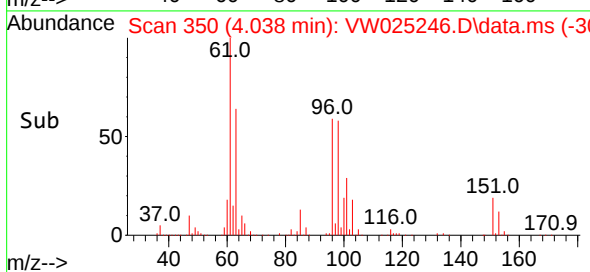
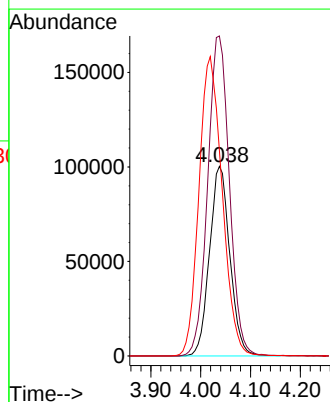
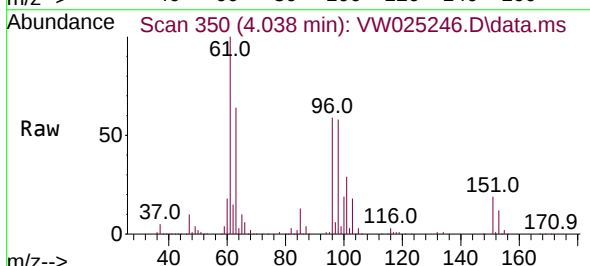
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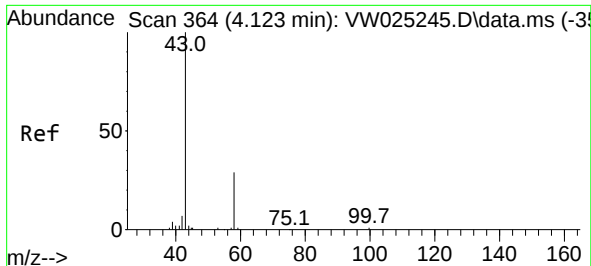
Tgt Ion:101 Resp: 302854
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.7 53.5
 151 71.3 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 50.838 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW025246.D
 Acq: 30 Jan 2023 11:20

Tgt Ion: 96 Resp: 284214
 Ion Ratio Lower Upper
 96 100
 61 168.8 119.1 221.3
 63 108.4 76.4 141.8





#13

Acetone

Concen: 102.516 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW025246.D

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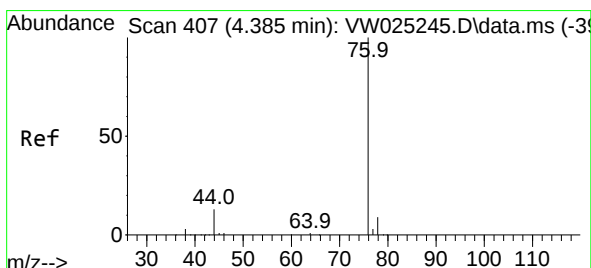
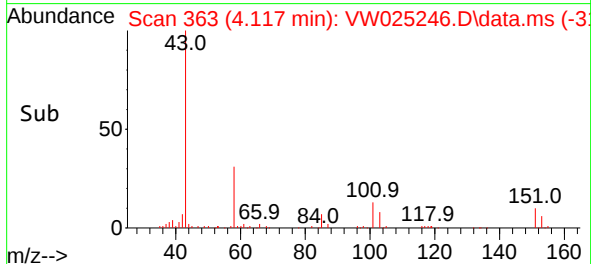
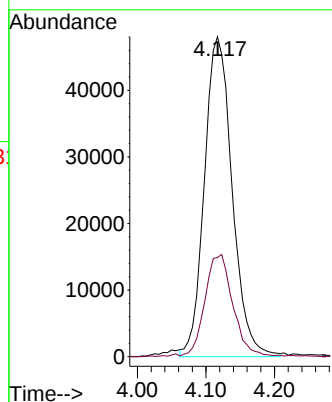
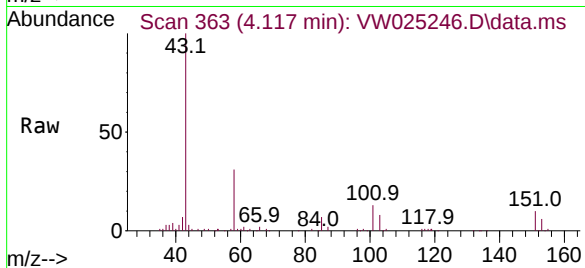
ClientSampleId :

Tgt Ion: 43 Resp: 135487

Ion Ratio Lower Upper

43 100

58 32.0 0.0 63.6



#14

Carbon disulfide

Concen: 51.035 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW025246.D

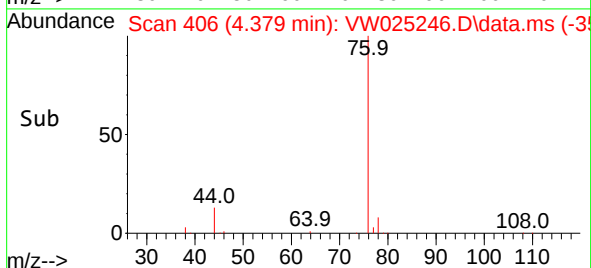
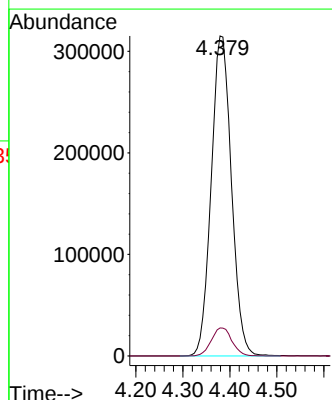
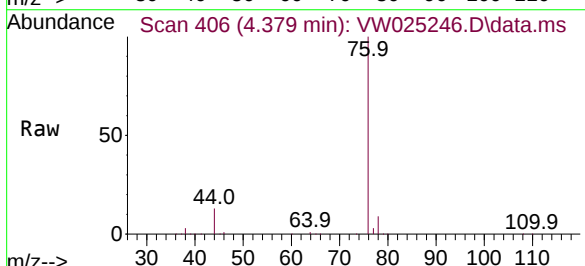
Acq: 30 Jan 2023 11:20

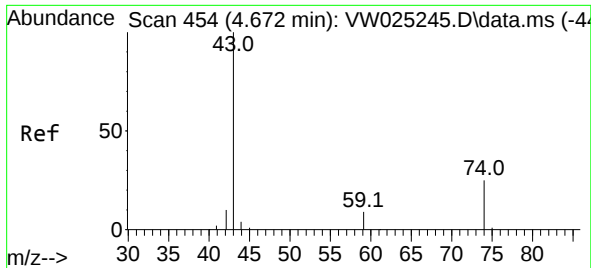
Tgt Ion: 76 Resp: 940959

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

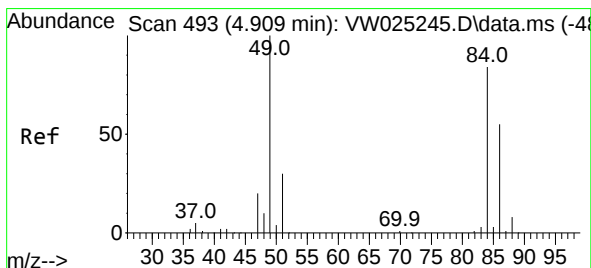
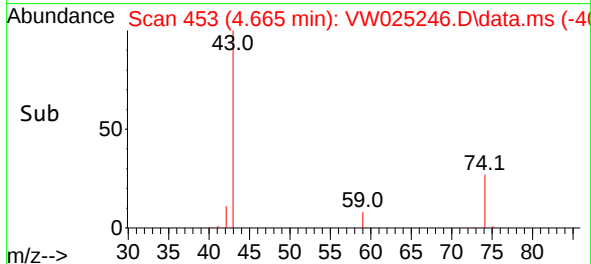
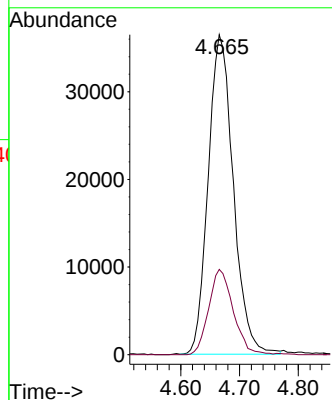
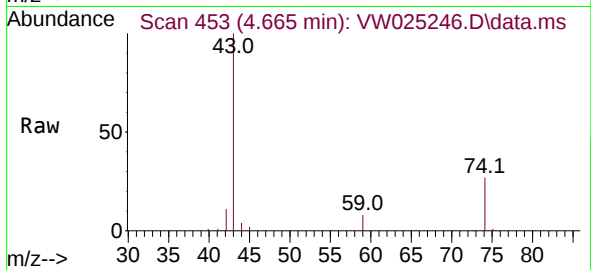




#15
Methyl Acetate
Concen: 49.521 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

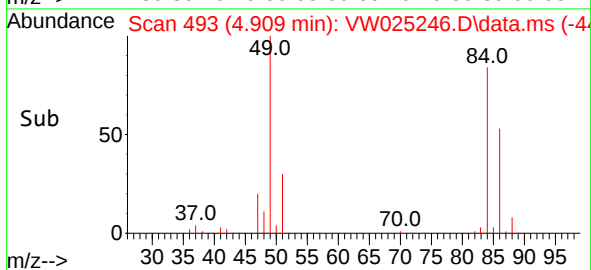
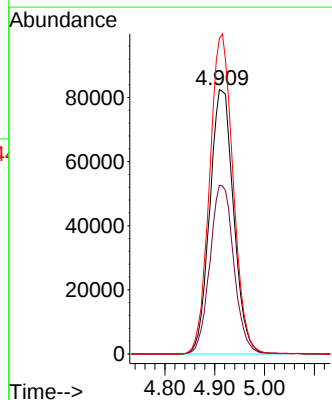
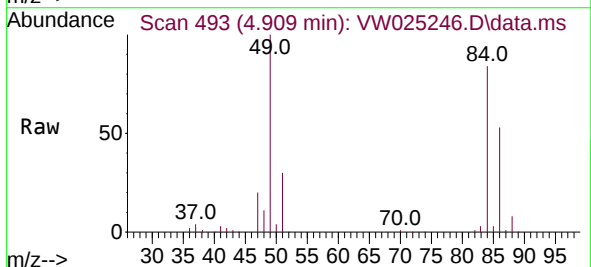
Instrument :
MSVOA_W
ClientSampleId :

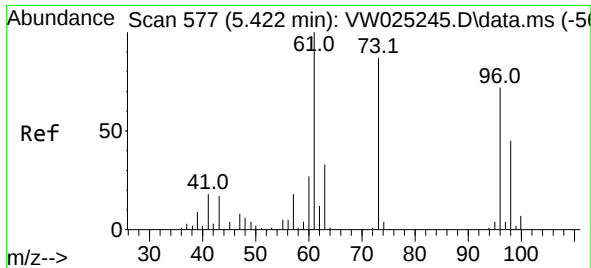
Tgt Ion: 43 Resp: 108115
Ion Ratio Lower Upper
43 100
74 26.0 20.0 30.0



#16
Methylene chloride
Concen: 43.145 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion: 84 Resp: 274015
Ion Ratio Lower Upper
84 100
86 63.8 45.5 84.5
49 119.4 83.1 154.3

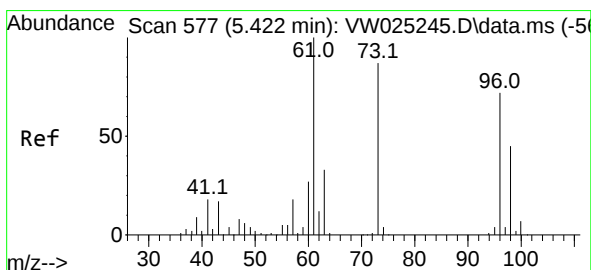
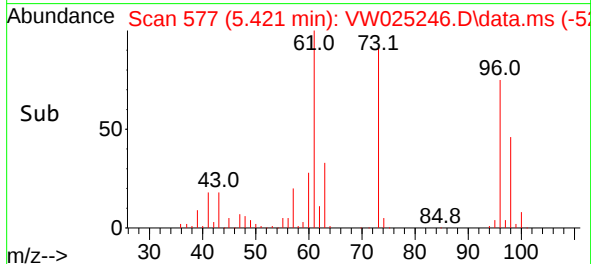
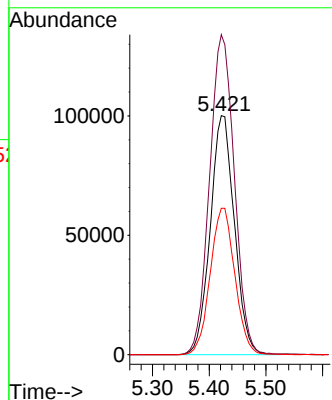
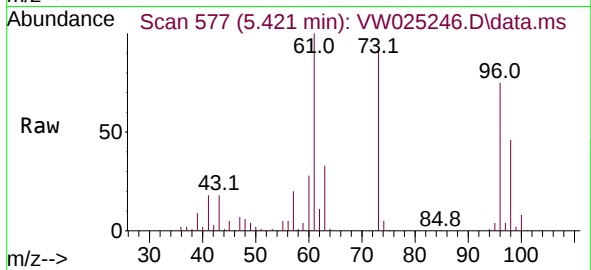




#17
trans-1,2-Dichloroethene
Concen: 50.841 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

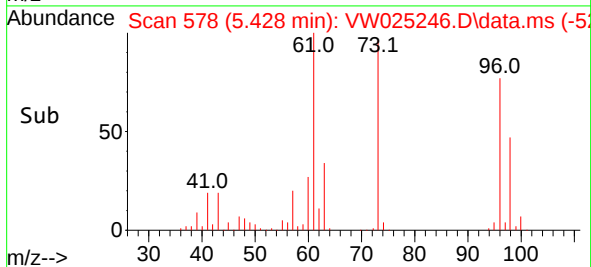
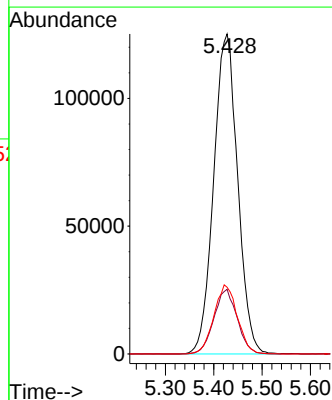
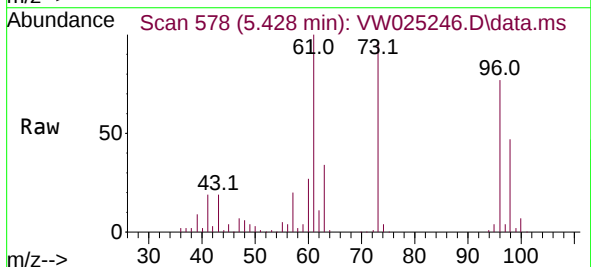
Instrument :
MSVOA_W
ClientSampleId :

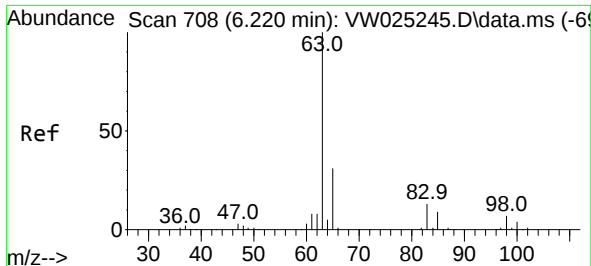
Tgt Ion: 96 Resp: 296275
Ion Ratio Lower Upper
96 100
61 133.8 96.6 179.4
98 61.3 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 51.275 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion: 73 Resp: 430987
Ion Ratio Lower Upper
73 100
43 19.7 16.0 24.0
57 21.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 50.342 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

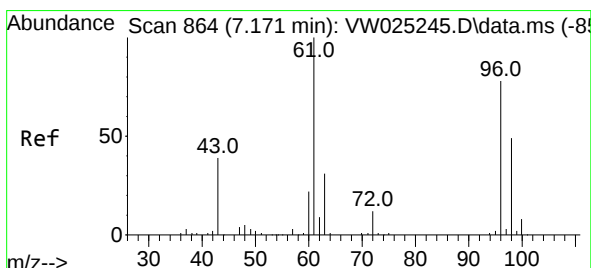
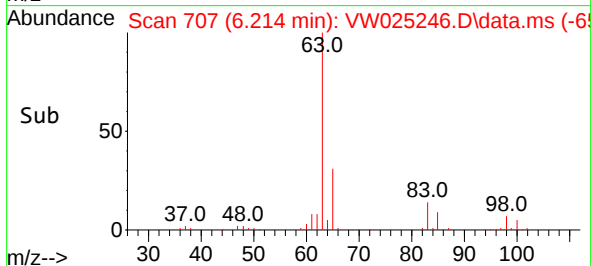
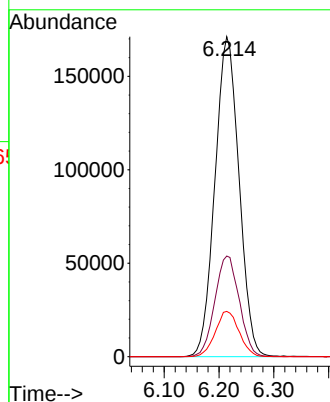
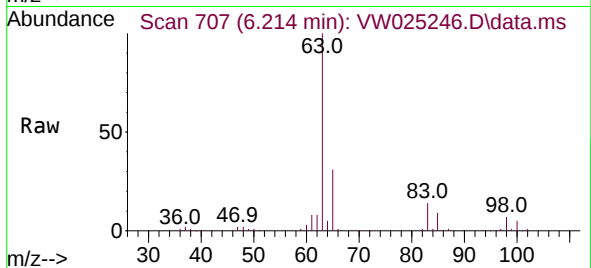
Tgt Ion: 63 Resp: 522422

Ion Ratio Lower Upper

63 100

65 31.4 21.8 40.4

83 14.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 51.455 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

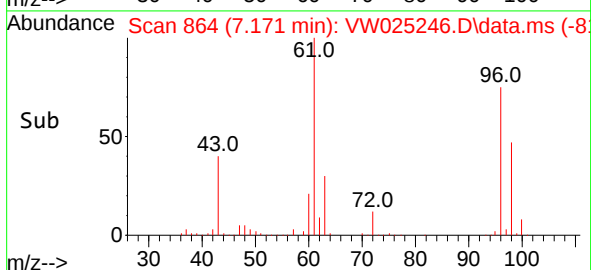
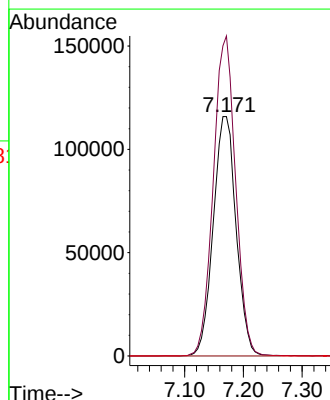
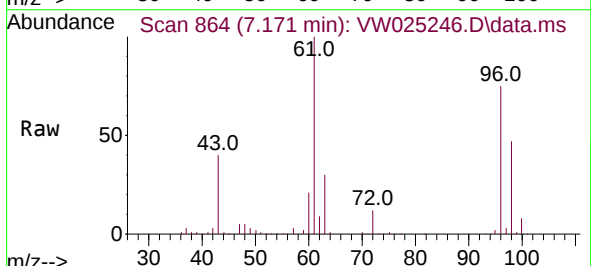
Tgt Ion: 96 Resp: 313482

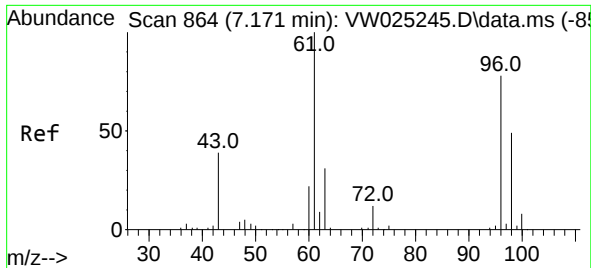
Ion Ratio Lower Upper

96 100

61 133.7 90.2 167.4

68 0.0 0.0 0.0

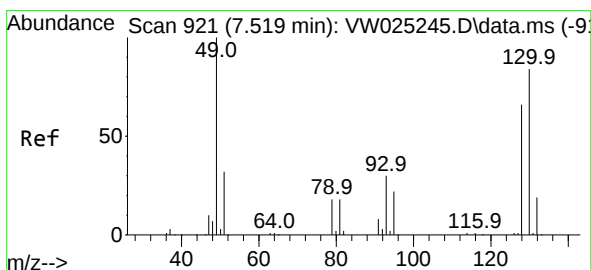
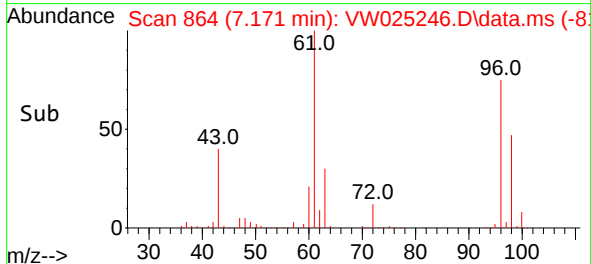
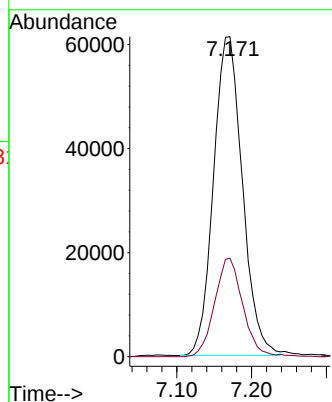
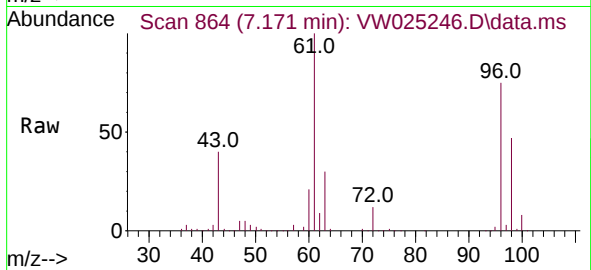




#22
2-Butanone
Concen: 102.341 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

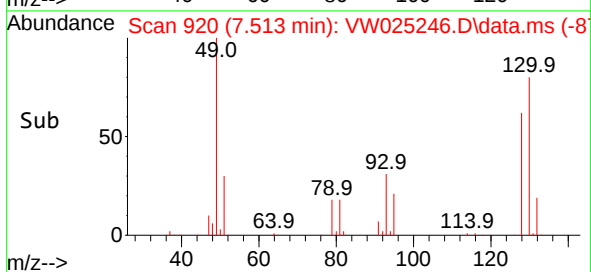
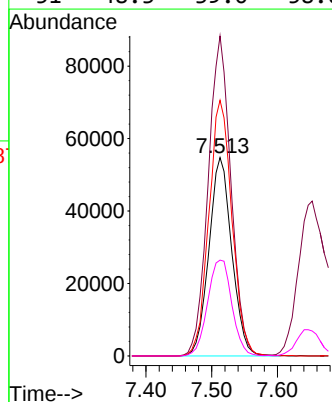
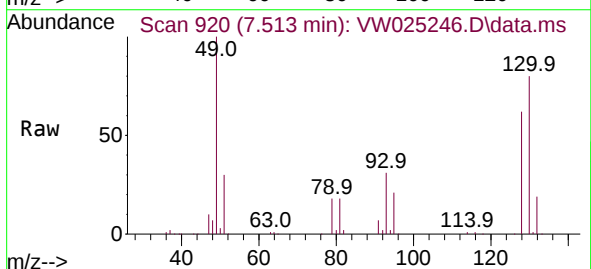
Instrument :
MSVOA_W
ClientSampleId :

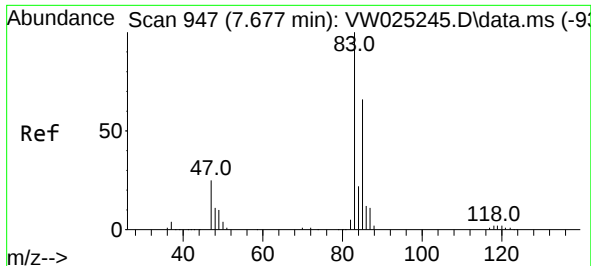
Tgt Ion: 43 Resp: 164722
Ion Ratio Lower Upper
43 100
72 29.9 14.4 43.2



#23
Bromochloromethane
Concen: 50.402 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion:128 Resp: 132128
Ion Ratio Lower Upper
128 100
49 161.3 107.0 198.6
130 128.8 89.7 166.5
51 48.3 39.0 58.6

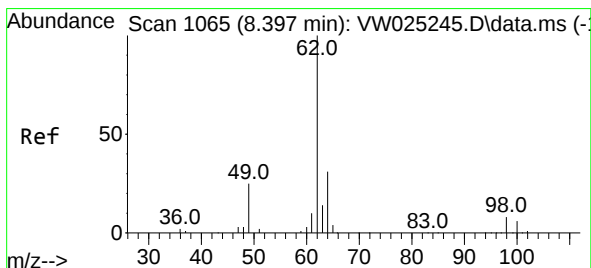
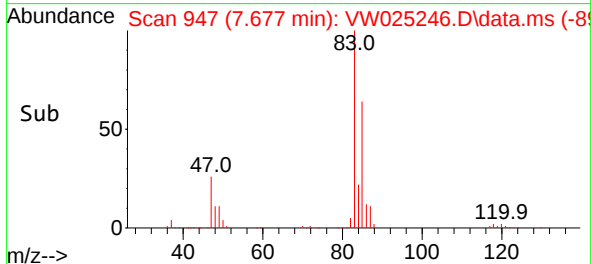
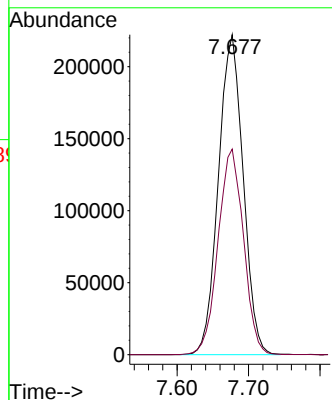
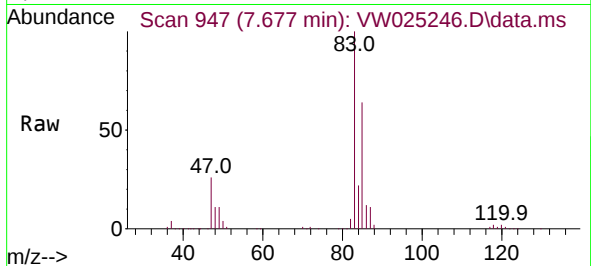




#25
Chloroform
Concen: 50.444 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

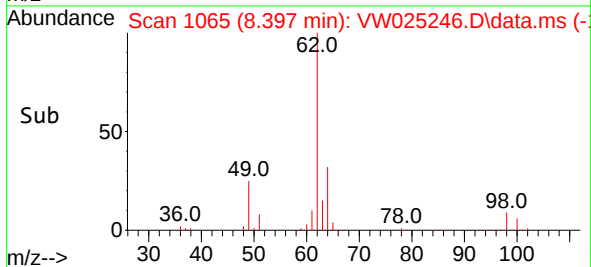
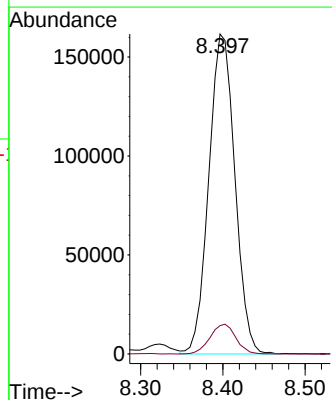
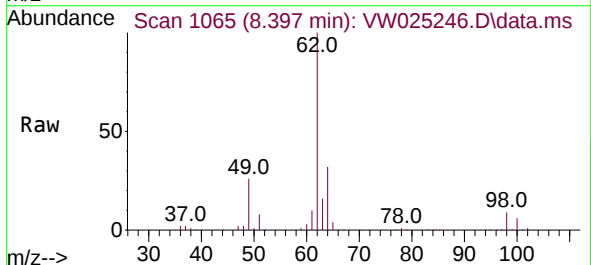
Instrument :
MSVOA_W
ClientSampleId :

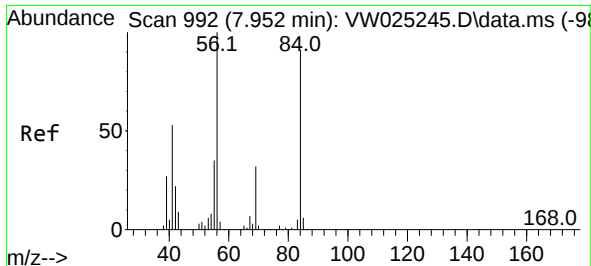
Tgt Ion: 83 Resp: 534574
Ion Ratio Lower Upper
83 100
85 64.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 50.614 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion: 62 Resp: 356412
Ion Ratio Lower Upper
62 100
98 8.9 6.8 10.2





#29

Cyclohexane

Concen: 53.201 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

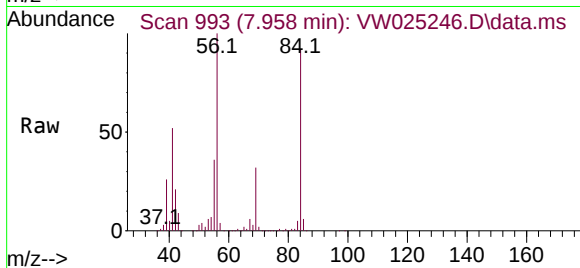
Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :



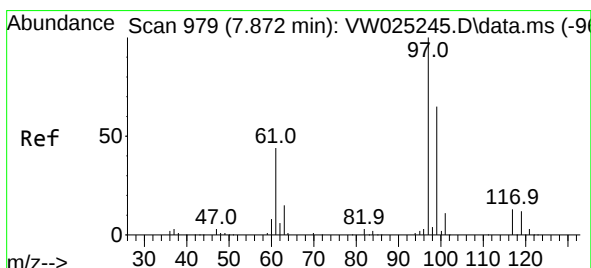
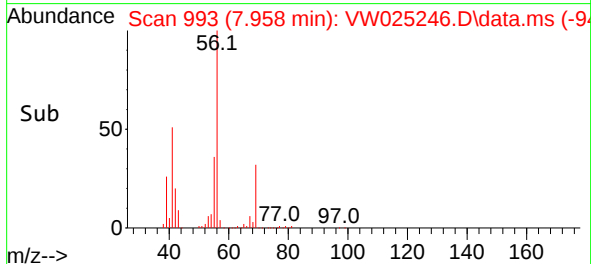
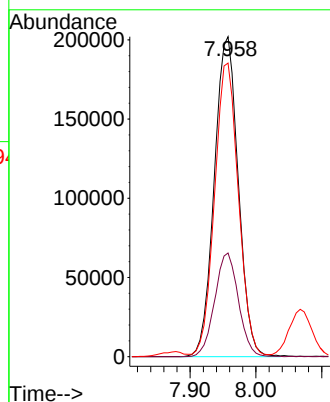
Tgt Ion: 56 Resp: 513072

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 91.5 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 51.644 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

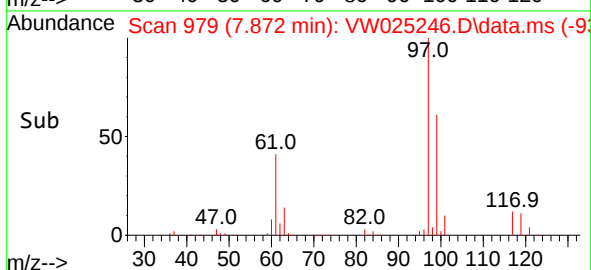
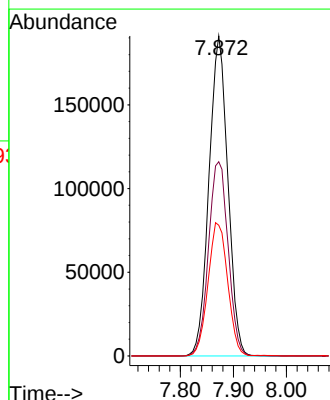
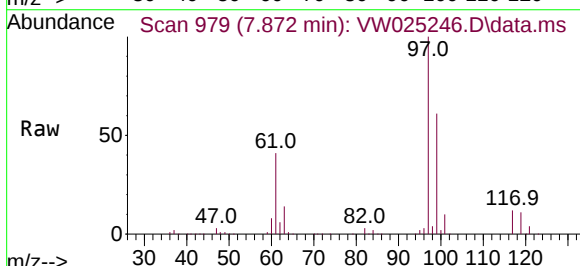
Tgt Ion: 97 Resp: 471660

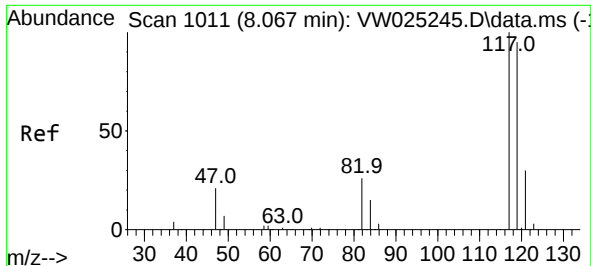
Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

61 43.4 35.6 53.4

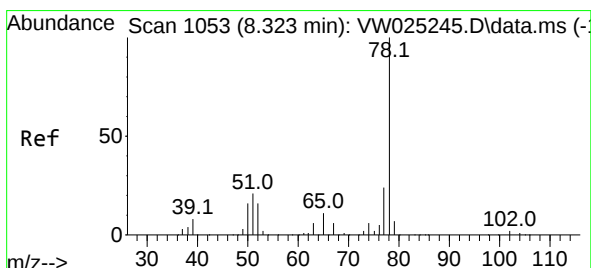
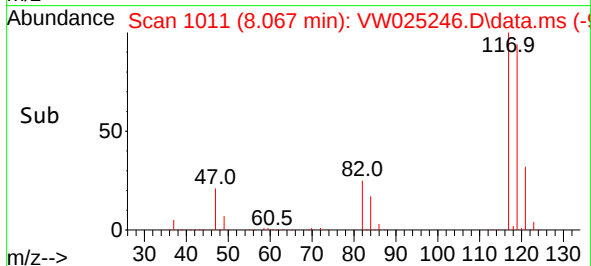
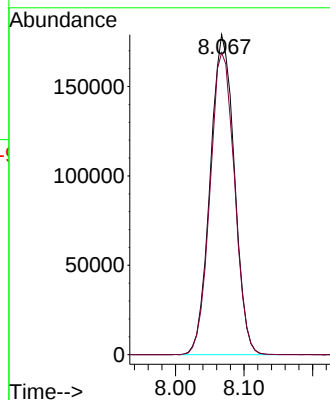
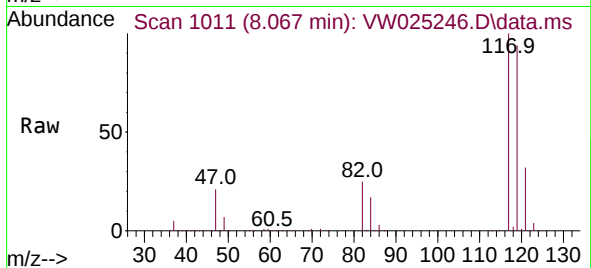




#31
Carbon tetrachloride
Concen: 51.045 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

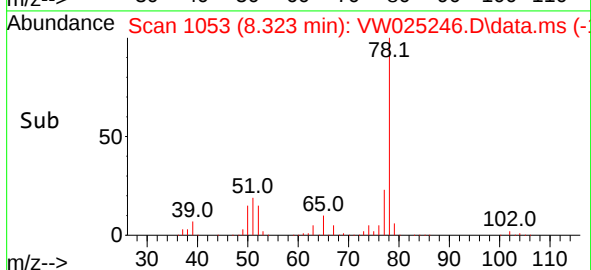
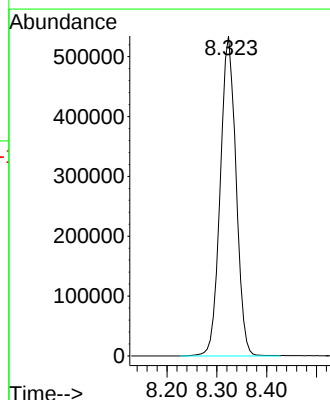
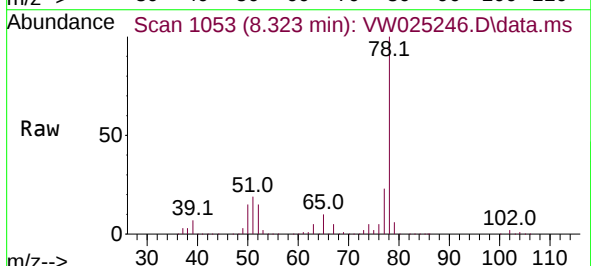
Instrument :
MSVOA_W
ClientSampleId :

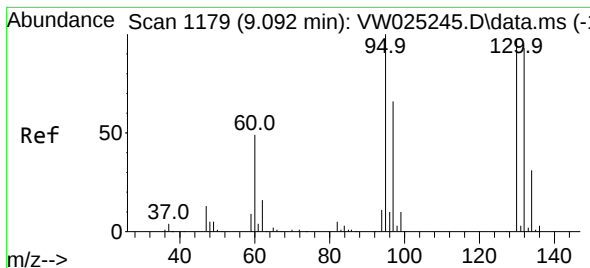
Tgt Ion:117 Resp: 438508
Ion Ratio Lower Upper
117 100
119 95.2 75.6 113.4



#33
Benzene
Concen: 50.965 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion: 78 Resp: 1176475





#34

Trichloroethene

Concen: 50.980 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 320579

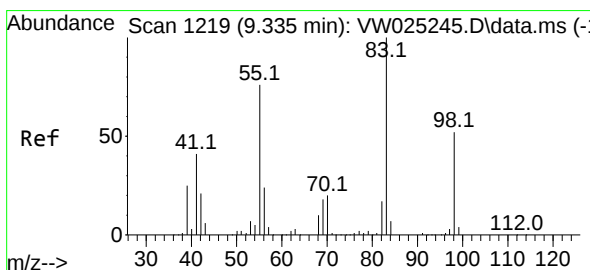
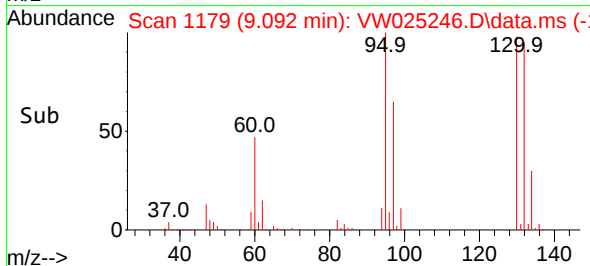
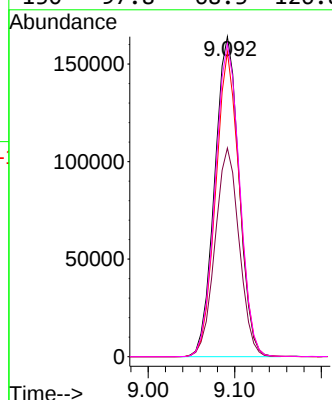
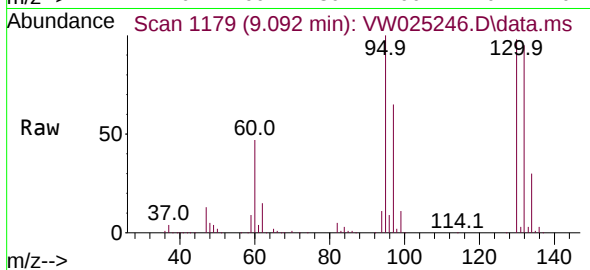
Ion Ratio Lower Upper

95 100

97 65.2 46.5 86.3

132 95.2 65.4 121.4

130 97.8 68.3 126.8



#35

Methylcyclohexane

Concen: 52.433 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

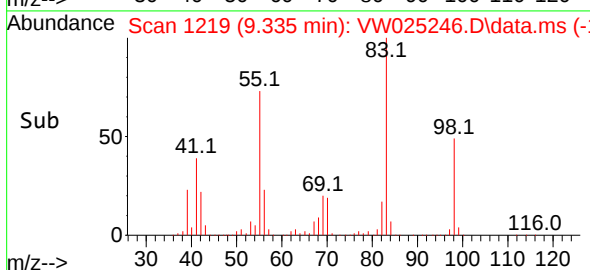
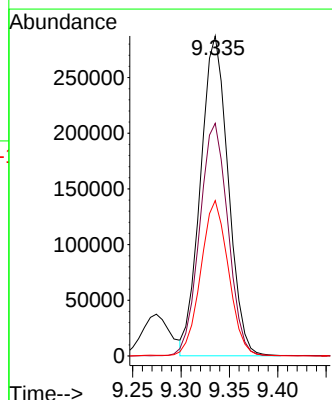
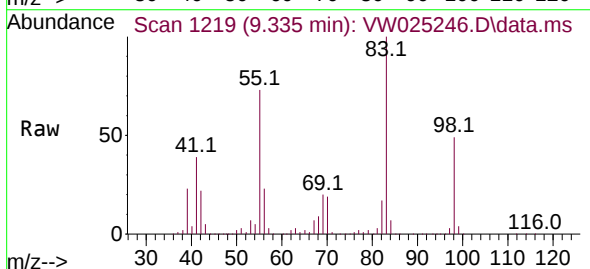
Tgt Ion: 83 Resp: 573076

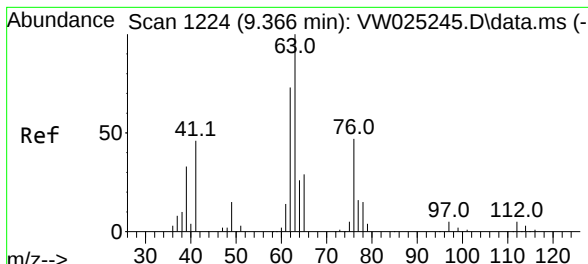
Ion Ratio Lower Upper

83 100

55 74.1 60.3 90.5

98 48.7 40.0 60.0

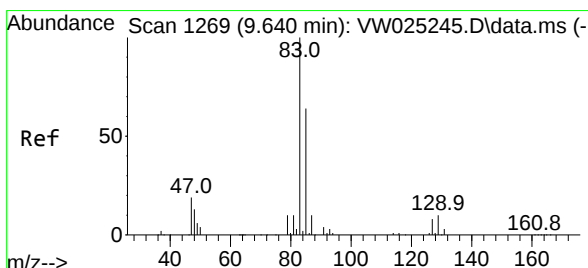
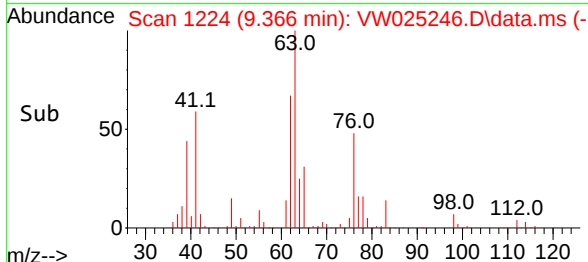
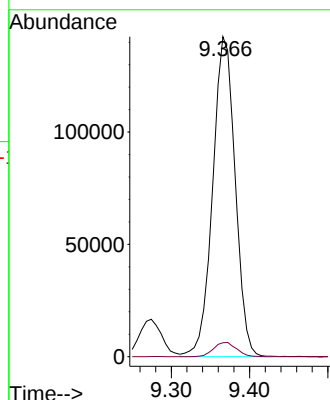
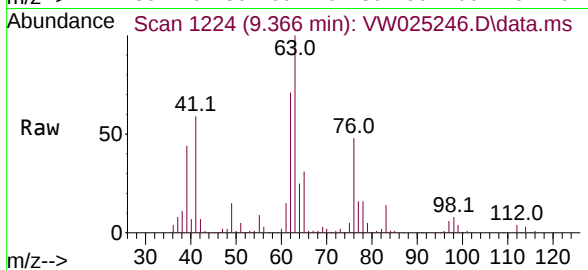




#37
1,2-Dichloropropane
Concen: 51.162 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

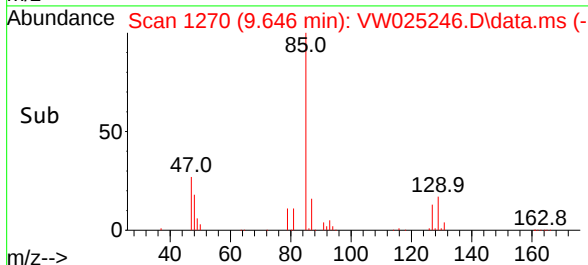
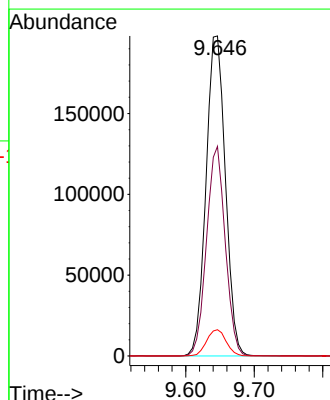
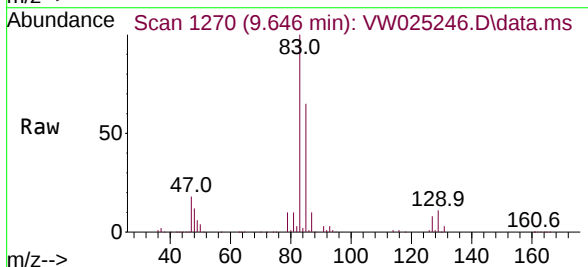
Instrument :
MSVOA_W
ClientSampleId :

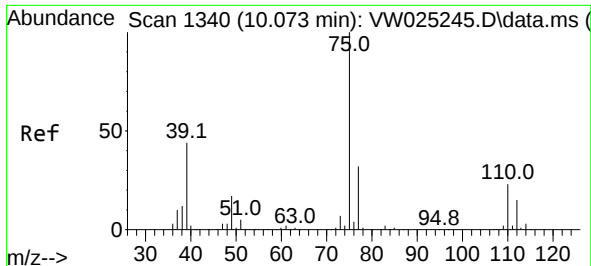
Tgt Ion: 63 Resp: 284841
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.8



#38
Bromodichloromethane
Concen: 52.194 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion: 83 Resp: 389070
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.9
127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 53.416 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

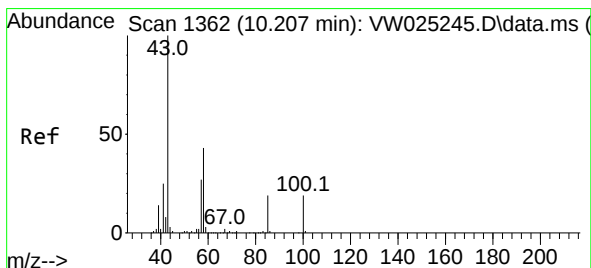
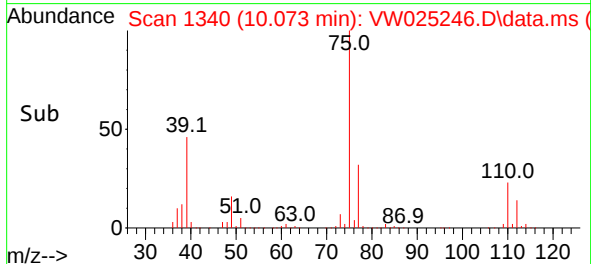
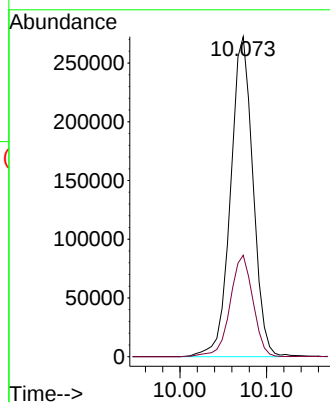
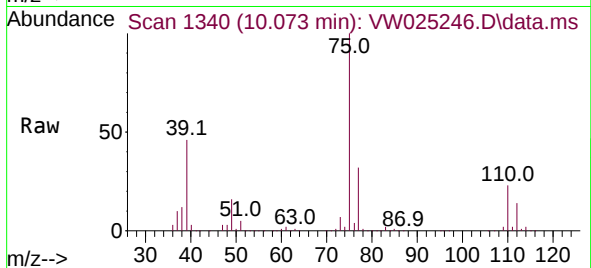
ClientSampleId :

Tgt Ion: 75 Resp: 489019

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 104.987 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

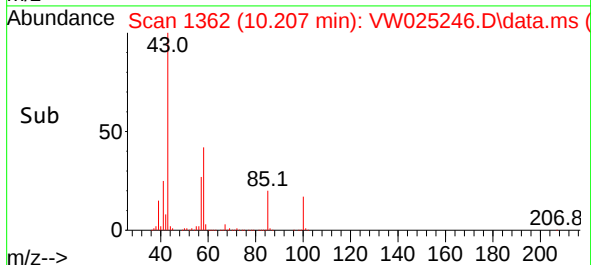
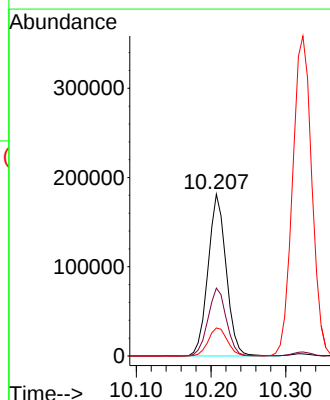
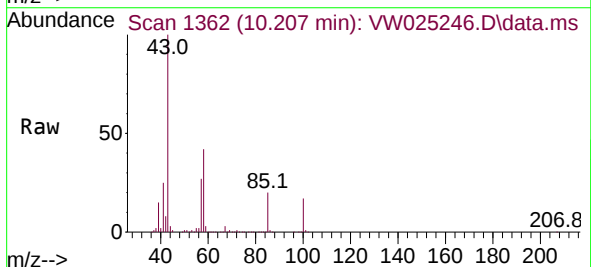
Tgt Ion: 43 Resp: 305529

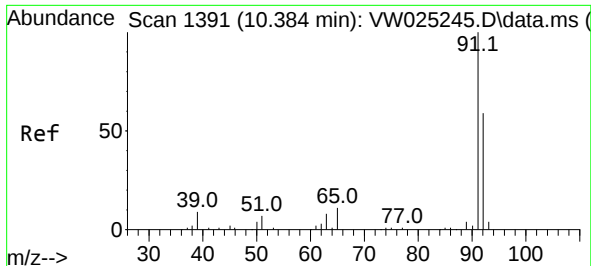
Ion Ratio Lower Upper

43 100

58 42.5 33.1 49.7

100 18.2 14.4 21.6





#42

Toluene

Concen: 51.461 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

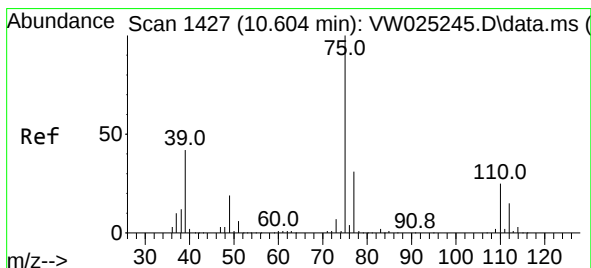
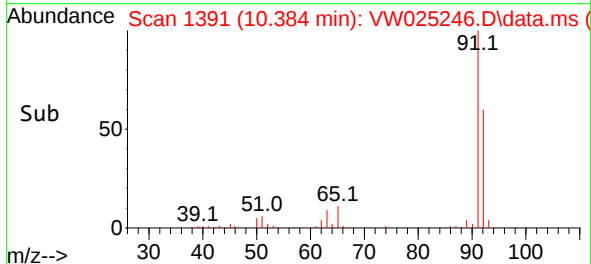
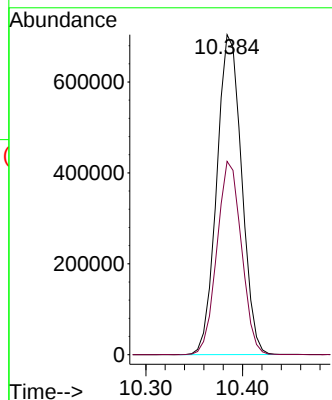
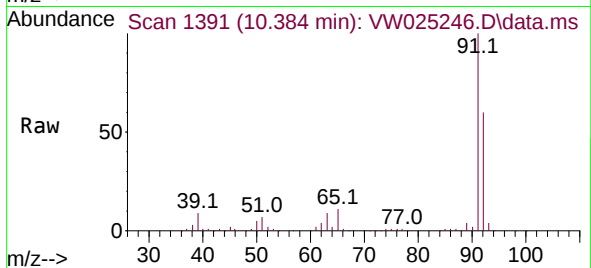
ClientSampleId :

Tgt Ion: 91 Resp: 1255433

Ion Ratio Lower Upper

91 100

92 60.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 53.823 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025246.D

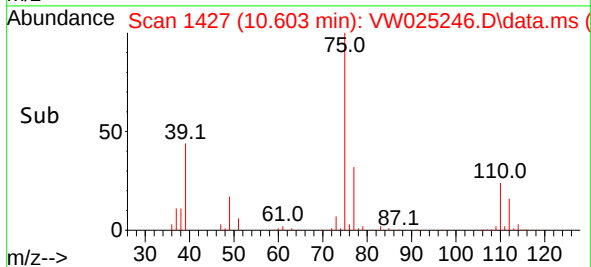
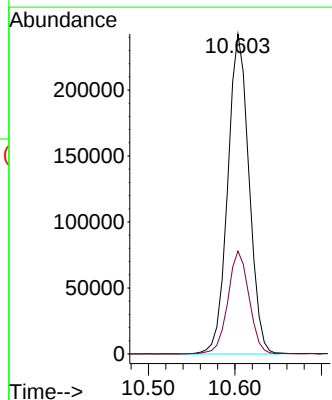
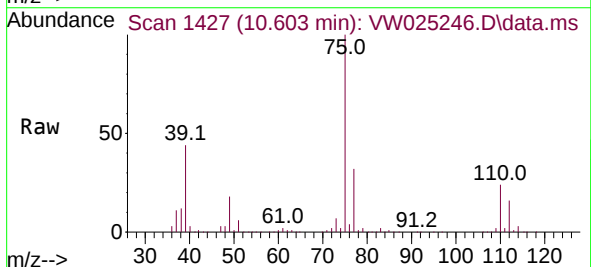
Acq: 30 Jan 2023 11:20

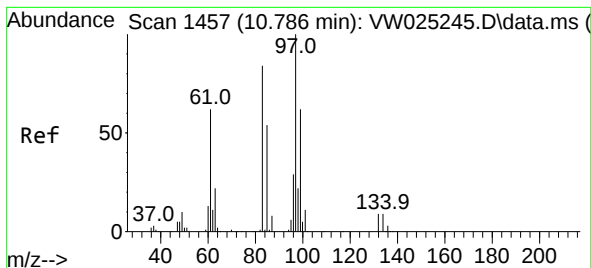
Tgt Ion: 75 Resp: 413555

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 51.052 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 213755

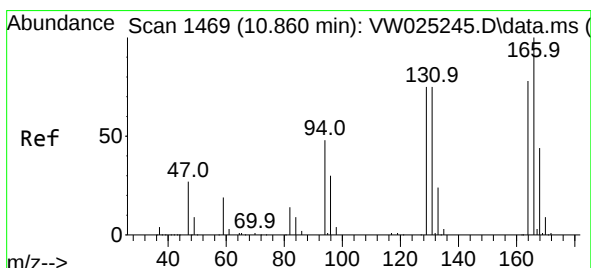
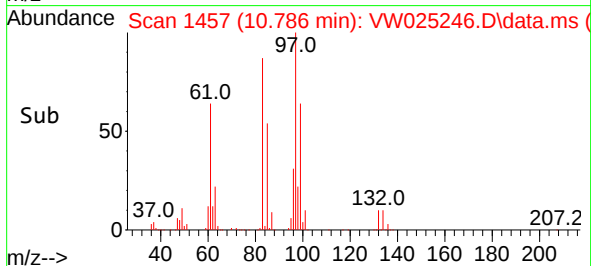
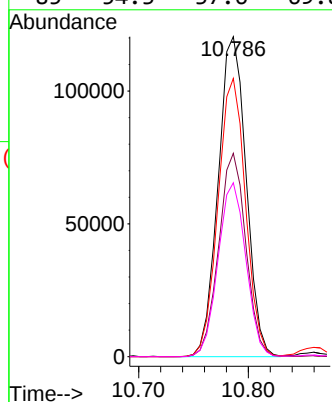
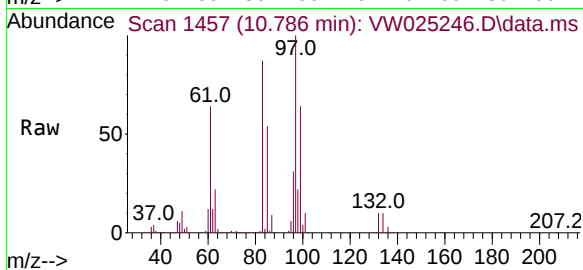
Ion Ratio Lower Upper

97 100

99 63.5 43.7 81.1

83 87.0 58.6 108.8

85 54.3 37.6 69.8



#46

Tetrachloroethene

Concen: 51.908 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Tgt Ion:164 Resp: 240490

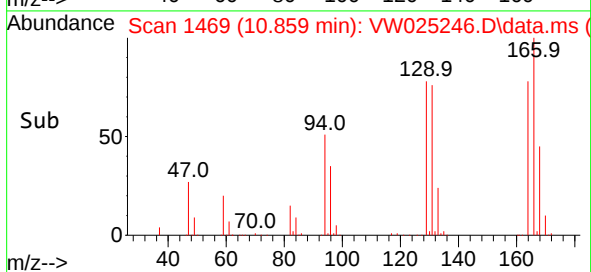
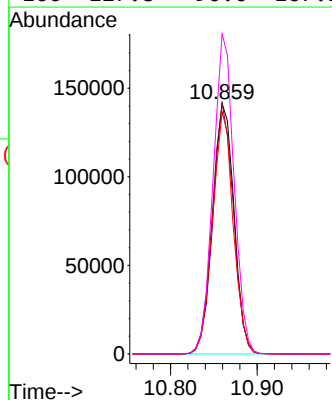
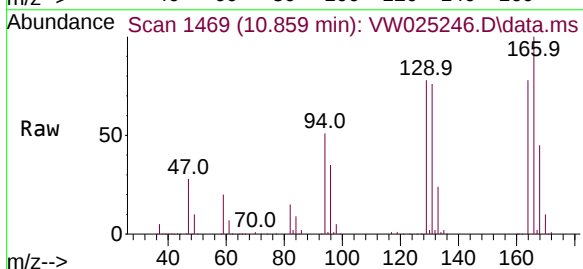
Ion Ratio Lower Upper

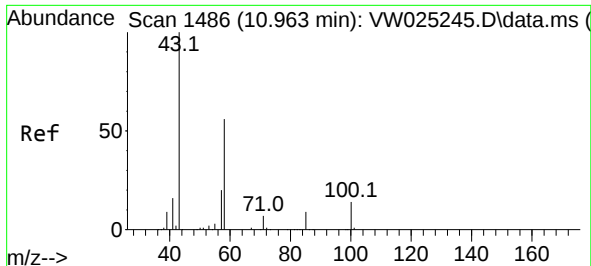
164 100

129 100.2 67.4 125.2

131 96.6 67.9 126.1

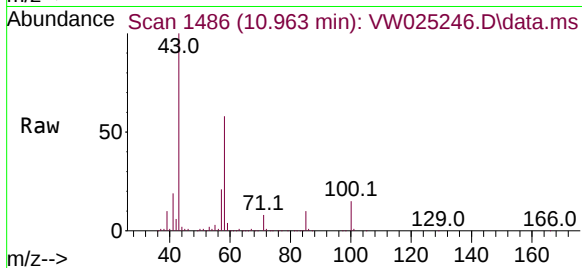
166 127.8 90.0 167.2



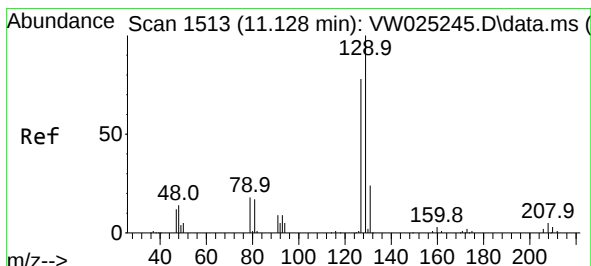
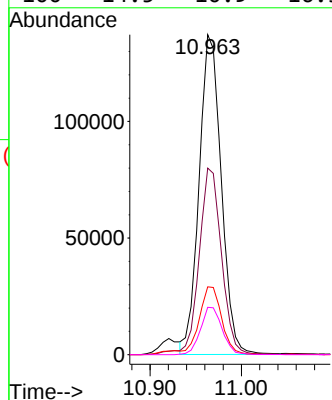
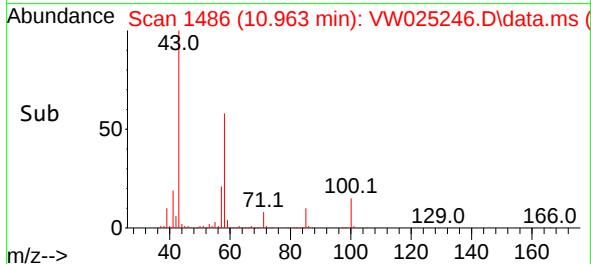


#48
2-Hexanone
Concen: 104.792 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

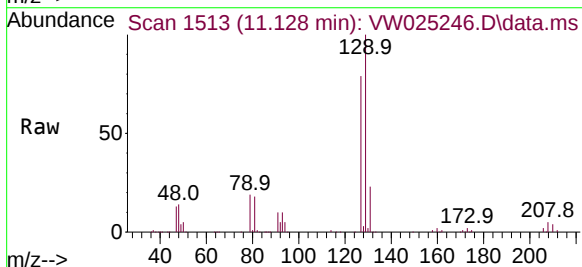
Instrument :
MSVOA_W
ClientSampleId :



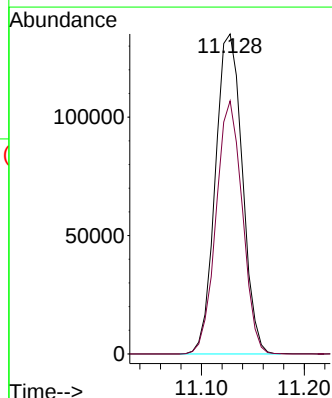
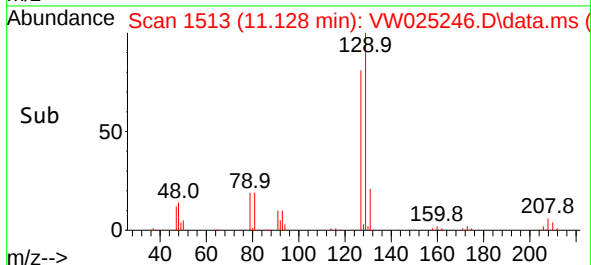
Tgt Ion:	43	Resp:	231217
Ion	Ratio	Lower	Upper
43	100		
58	57.8	45.6	68.4
57	21.4	16.6	24.8
100	14.5	10.9	16.3

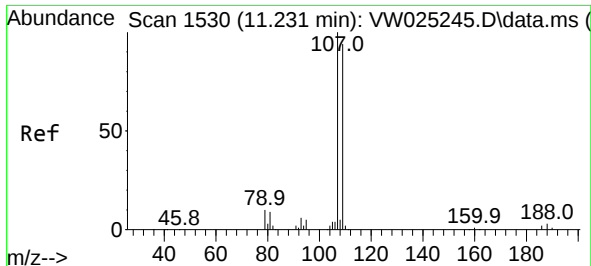


#49
Dibromochloromethane
Concen: 51.704 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20



Tgt Ion:	129	Resp:	246589
Ion	Ratio	Lower	Upper
129	100		
127	79.1	54.9	101.9





#50

1,2-Dibromoethane

Concen: 51.546 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

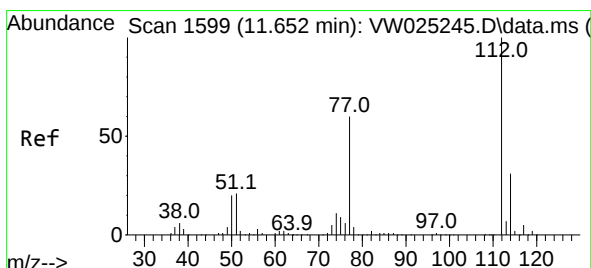
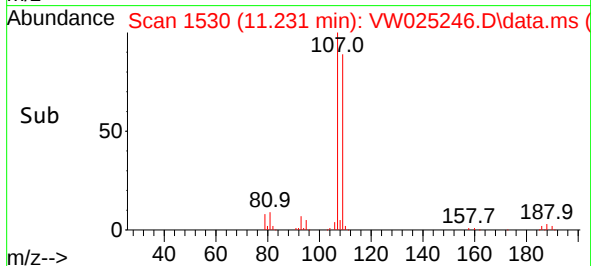
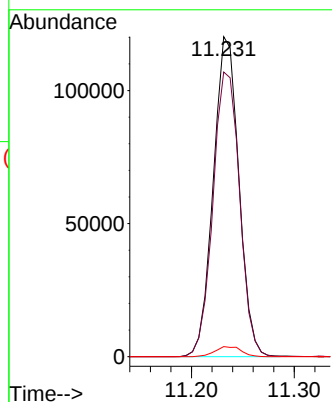
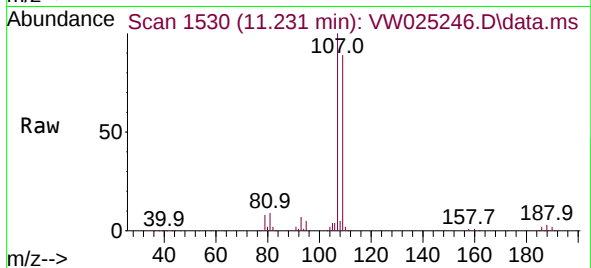
Tgt Ion:107 Resp: 207887

Ion Ratio Lower Upper

107 100

109 88.9 65.7 121.9

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 51.086 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

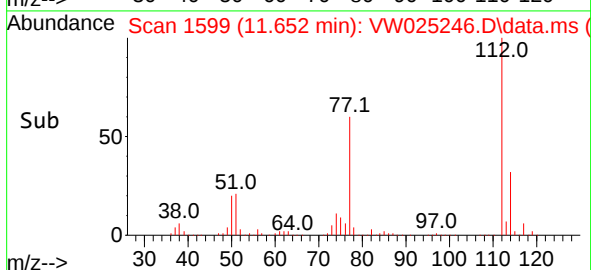
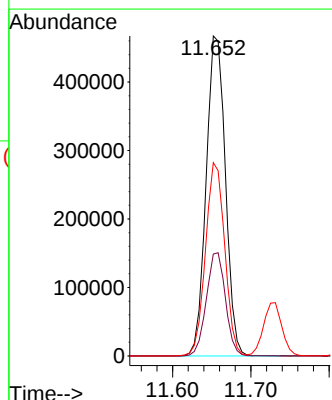
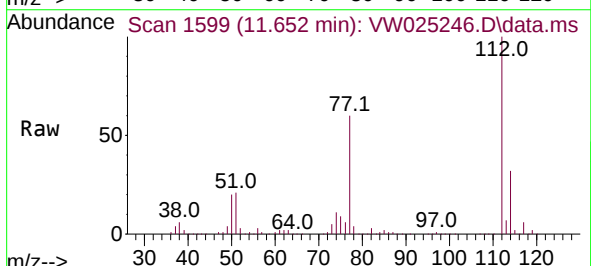
Tgt Ion:112 Resp: 797867

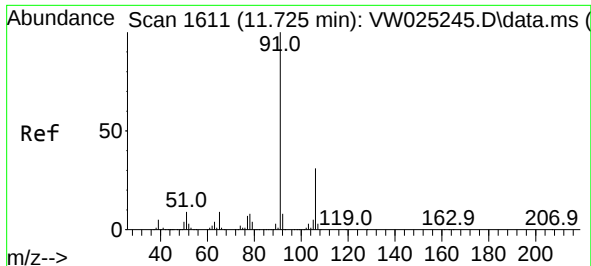
Ion Ratio Lower Upper

112 100

114 31.9 21.8 40.4

77 60.4 47.7 71.5

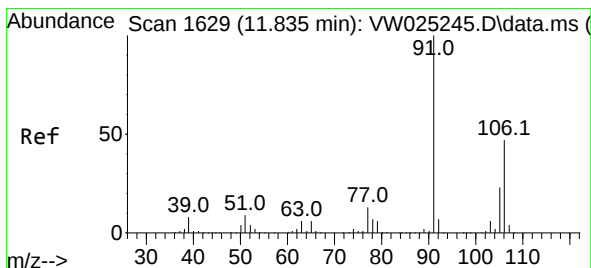
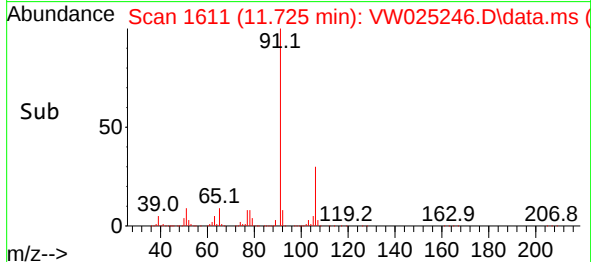
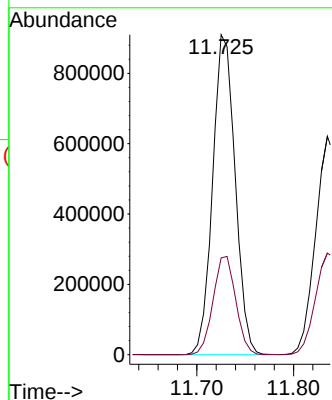
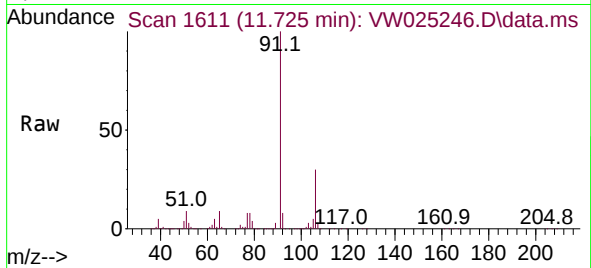




#52
Ethylbenzene
Concen: 51.900 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

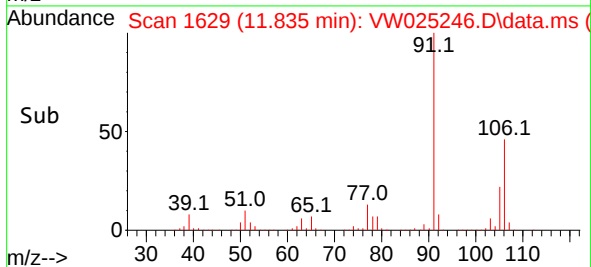
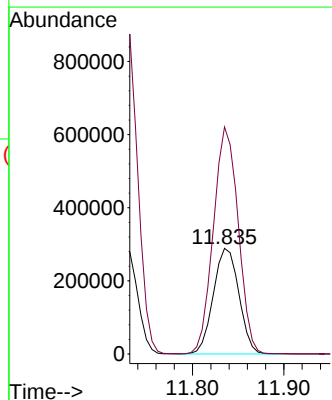
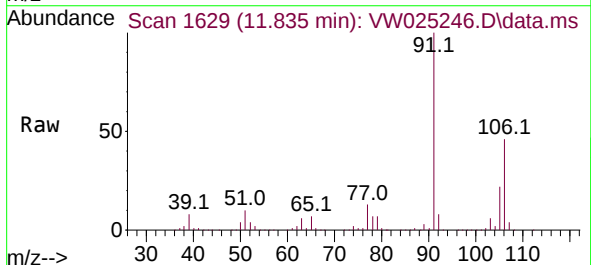
Instrument :
MSVOA_W
ClientSampleId :

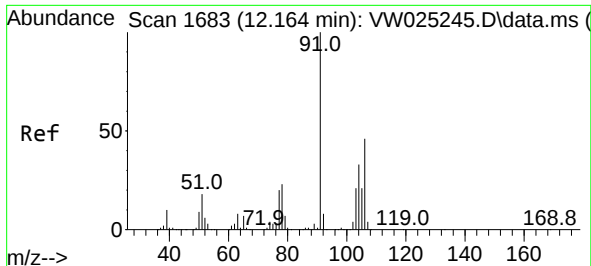
Tgt Ion: 91 Resp: 1469775
Ion Ratio Lower Upper
91 100
106 30.2 21.9 40.7



#53
m,p-Xylene
Concen: 52.044 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion:106 Resp: 560113
Ion Ratio Lower Upper
106 100
91 215.1 148.1 275.0

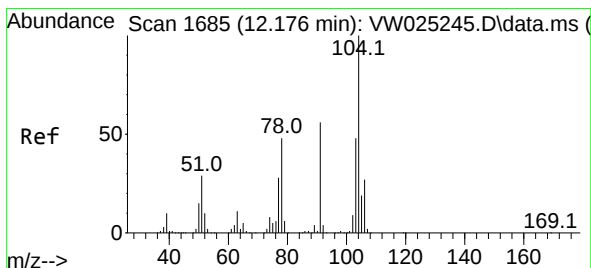
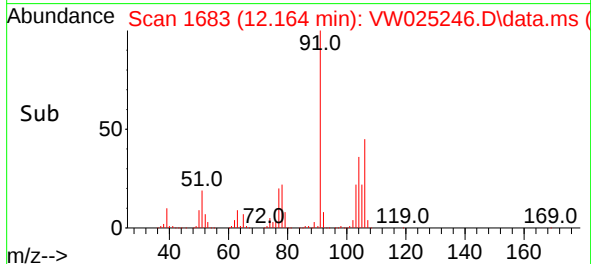
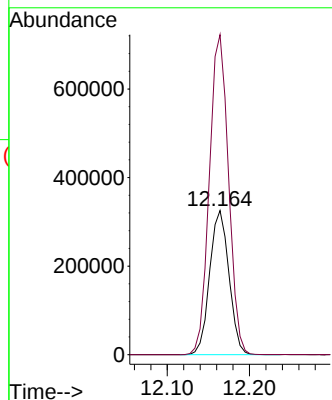
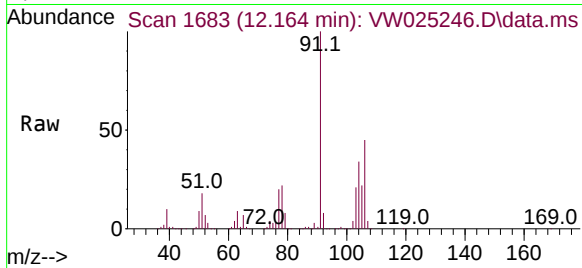




#54
o-Xylene
Concen: 52.509 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

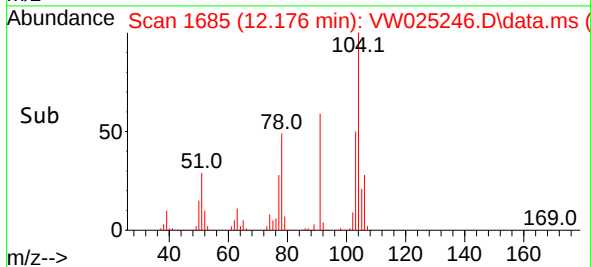
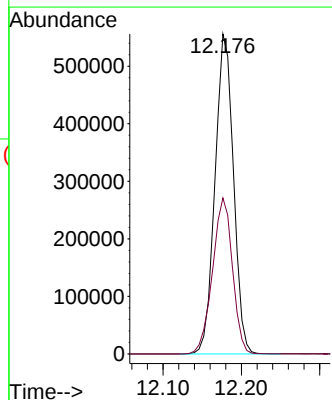
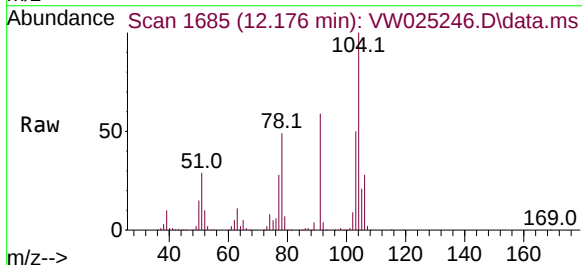
Instrument :
MSVOA_W
ClientSampleId :

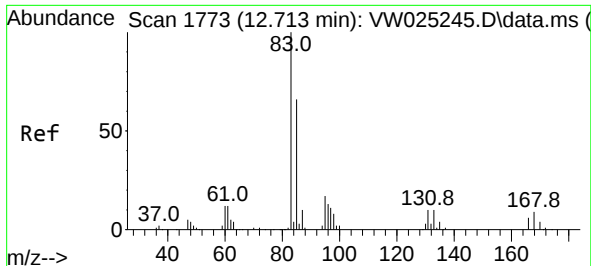
Tgt Ion:106 Resp: 530530
Ion Ratio Lower Upper
106 100
91 221.8 153.6 285.2



#55
Styrene
Concen: 53.510 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion:104 Resp: 910340
Ion Ratio Lower Upper
104 100
78 48.8 33.7 62.5





#57

1,1,2,2-Tetrachloroethane

Concen: 50.335 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

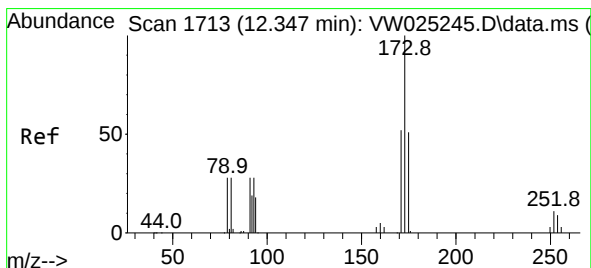
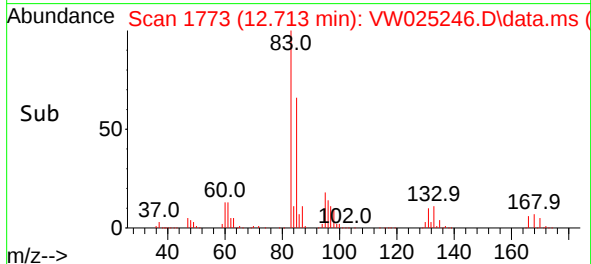
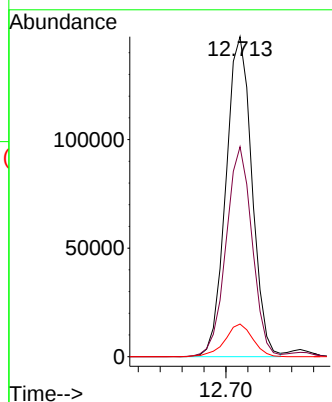
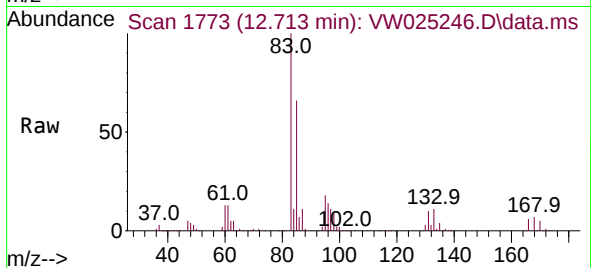
Tgt Ion: 83 Resp: 243381

Ion Ratio Lower Upper

83 100

85 65.6 46.3 86.1

131 10.2 8.0 12.0



#59

Bromoform

Concen: 47.560 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

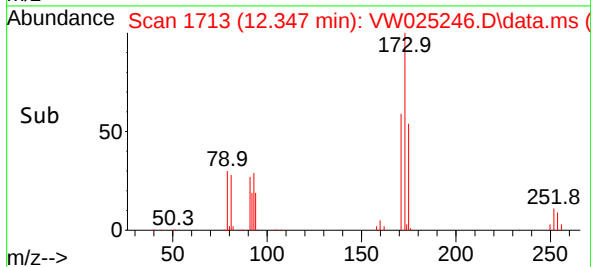
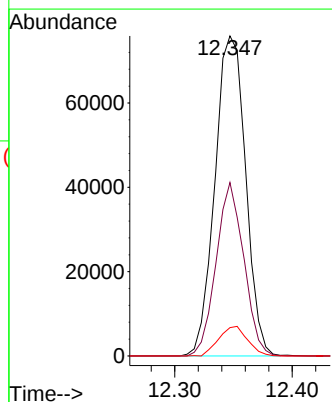
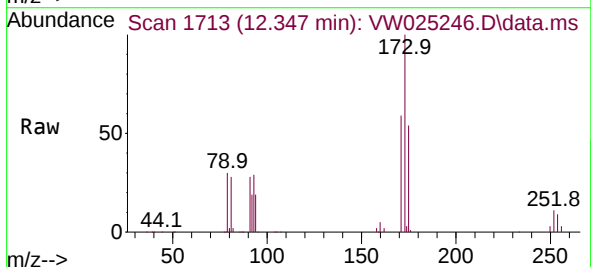
Tgt Ion:173 Resp: 137859

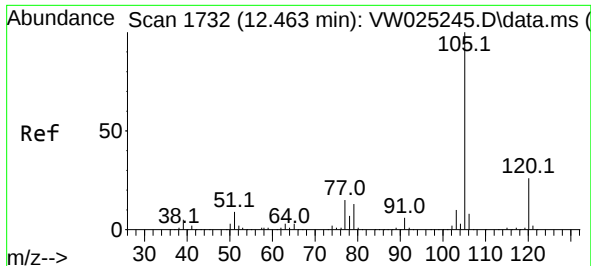
Ion Ratio Lower Upper

173 100

175 48.7 38.0 57.0

254 8.7 7.2 10.8

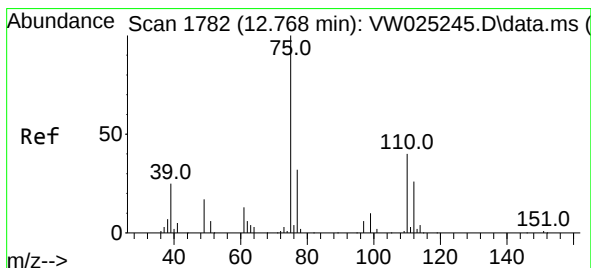
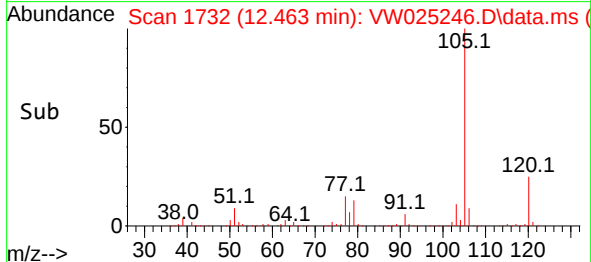
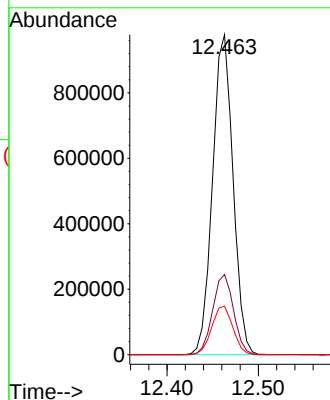
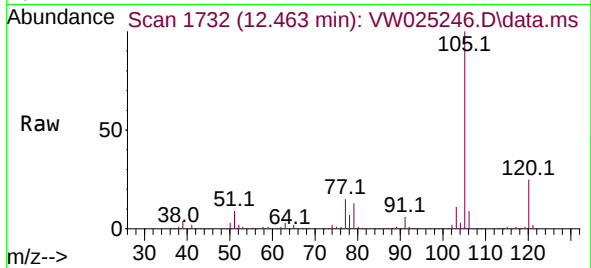




#60
Isopropylbenzene
Concen: 49.456 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

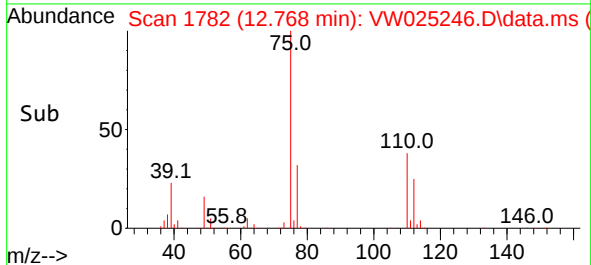
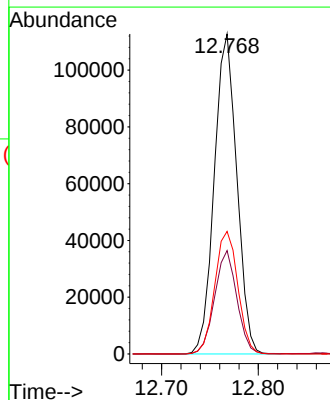
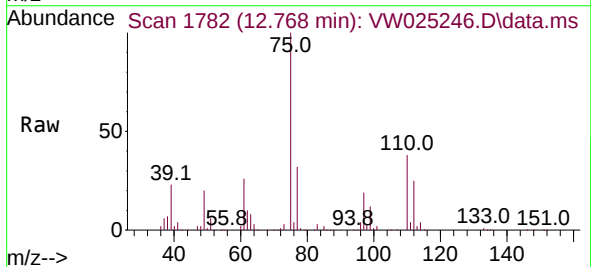
Instrument :
MSVOA_W
ClientSampleId :

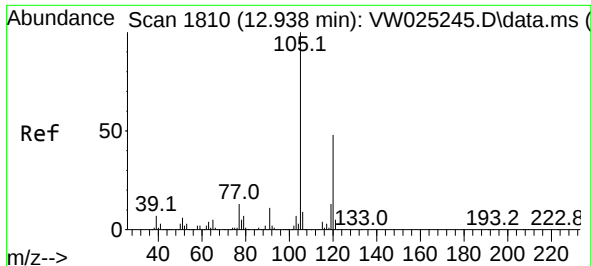
Tgt Ion:105 Resp: 1519239
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 15.7 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 47.257 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion: 75 Resp: 182408
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7
110 39.2 32.3 48.5

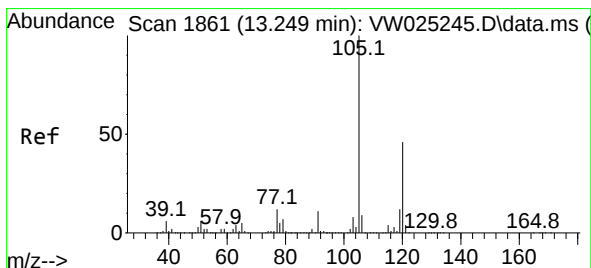
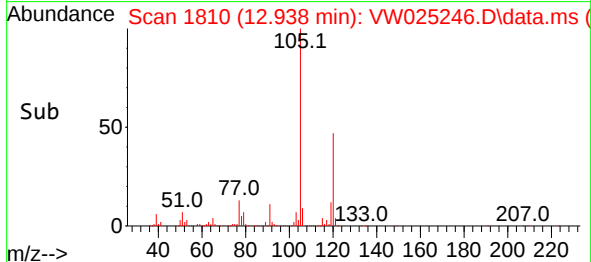
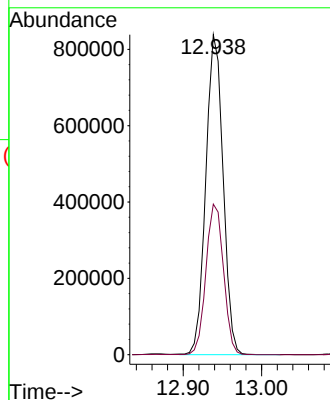
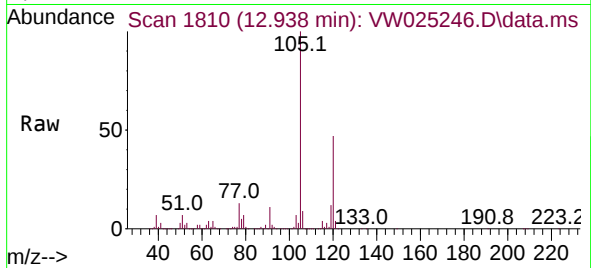




#62
1,3,5-Trimethylbenzene
Concen: 52.850 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

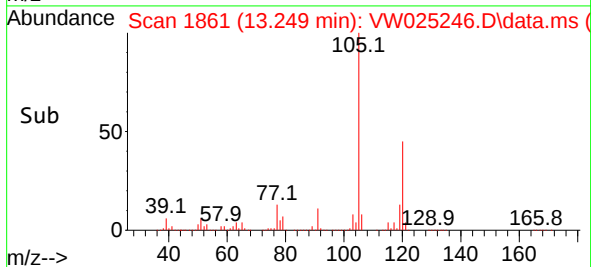
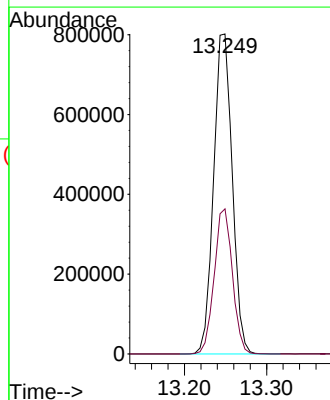
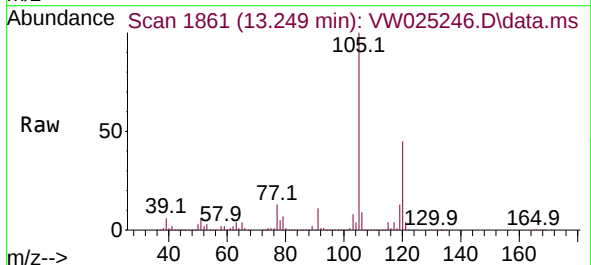
Instrument :
MSVOA_W
ClientSampleId :

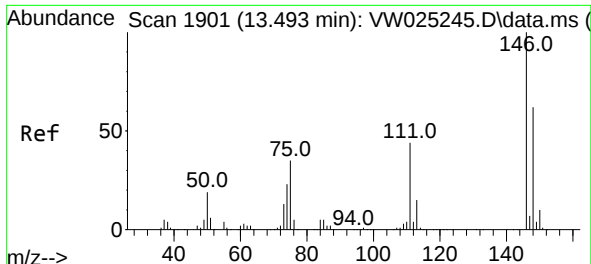
Tgt Ion:105 Resp: 1282908
Ion Ratio Lower Upper
105 100
120 47.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 53.133 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion:105 Resp: 1262076
Ion Ratio Lower Upper
105 100
120 44.3 35.1 52.7

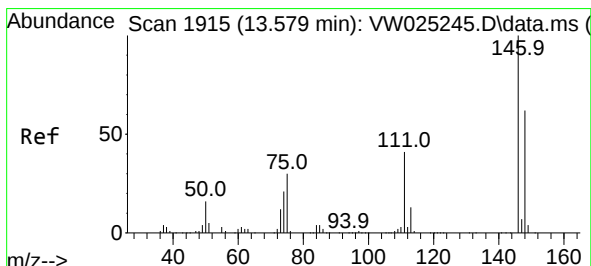
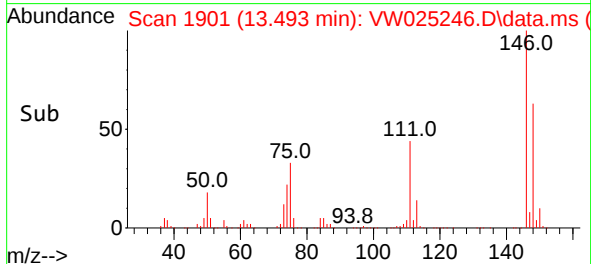
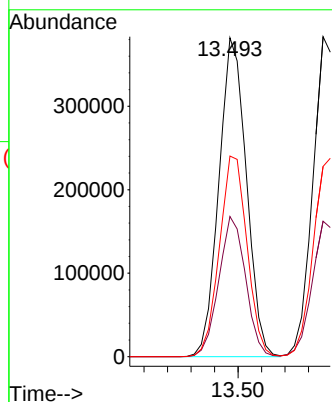
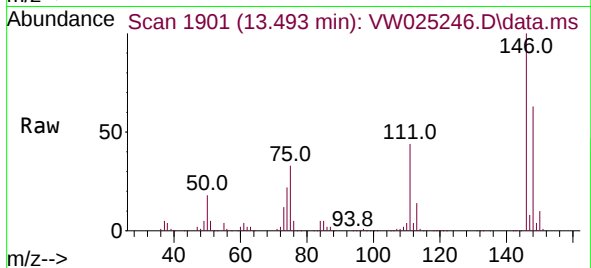




#64
1,3-Dichlorobenzene
Concen: 50.188 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

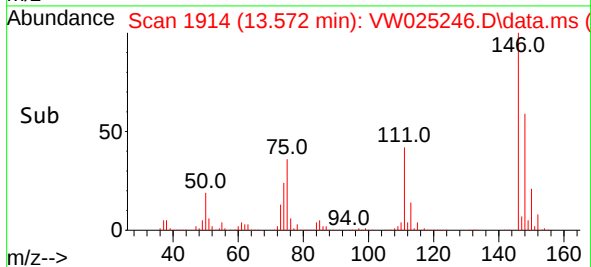
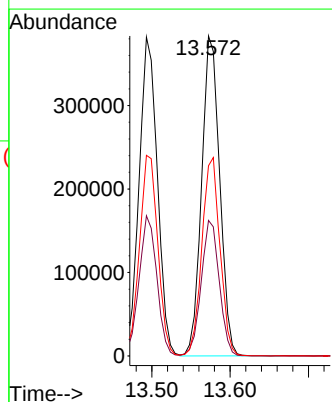
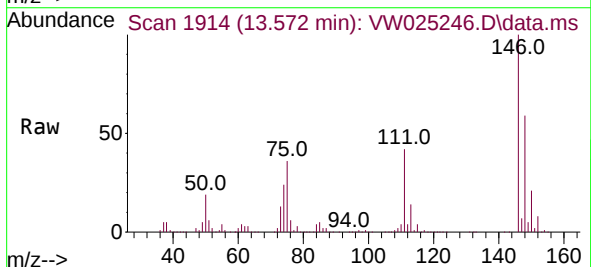
Instrument :
MSVOA_W
ClientSampleId :

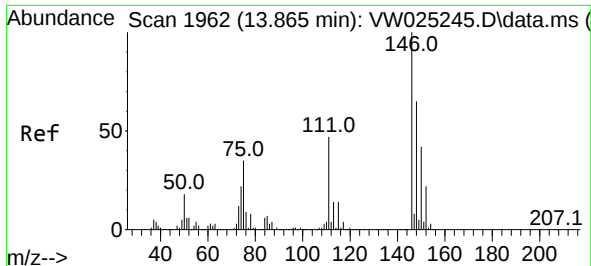
Tgt Ion:146 Resp: 619975
Ion Ratio Lower Upper
146 100
111 43.9 30.4 56.5
148 62.9 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 49.922 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025246.D
Acq: 30 Jan 2023 11:20

Tgt Ion:146 Resp: 612754
Ion Ratio Lower Upper
146 100
111 42.4 28.6 53.2
148 59.4 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 52.035 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

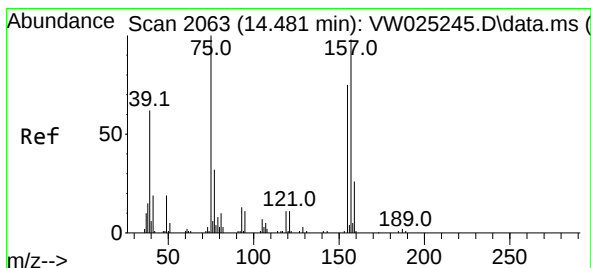
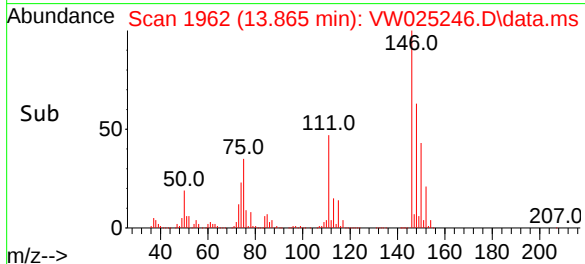
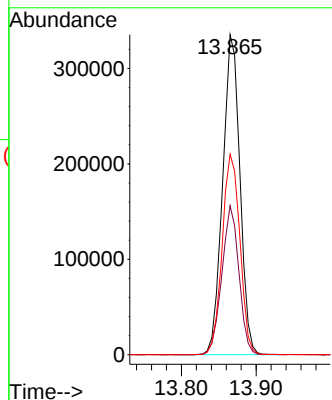
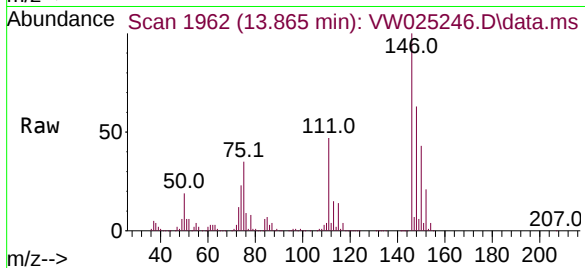
Tgt Ion:146 Resp: 539511

Ion Ratio Lower Upper

146 100

111 46.6 37.8 56.6

148 62.6 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 47.935 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

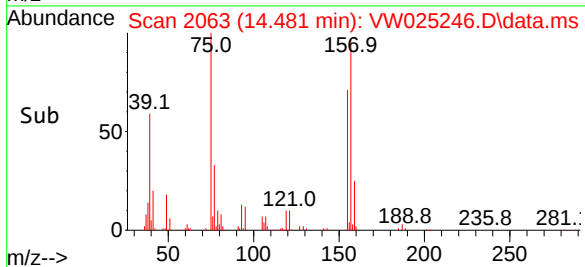
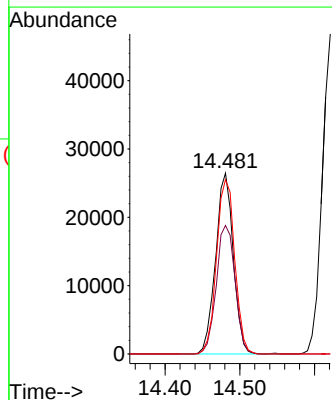
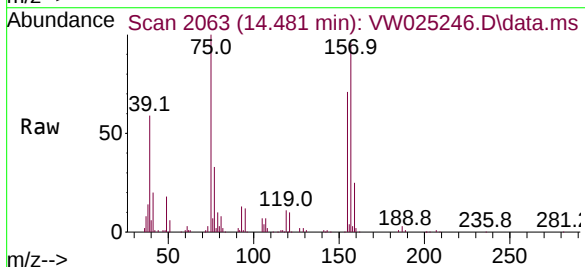
Tgt Ion: 75 Resp: 43491

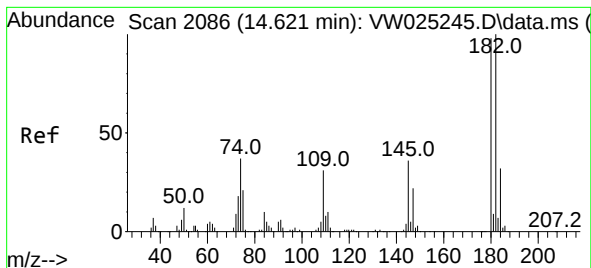
Ion Ratio Lower Upper

75 100

155 71.1 59.8 89.6

157 96.5 78.5 117.7





#69

1,3,5-Trichlorobenzene

Concen: 42.719 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

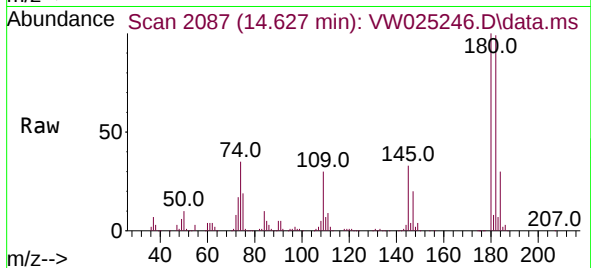
Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 348199

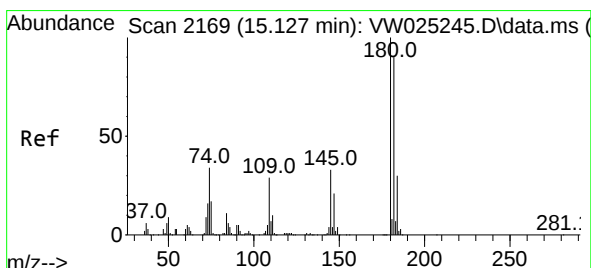
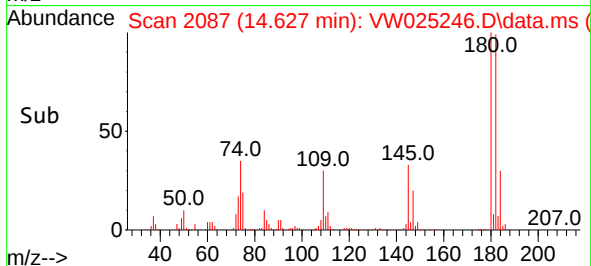
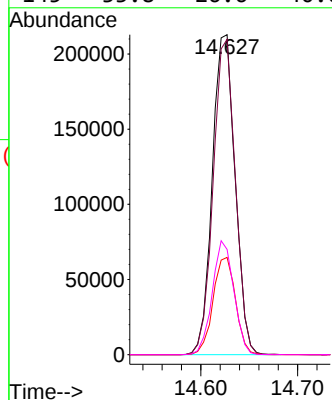
Ion Ratio Lower Upper

180 100

182 95.8 74.9 112.3

184 30.0 24.7 37.1

145 33.8 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 41.891 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

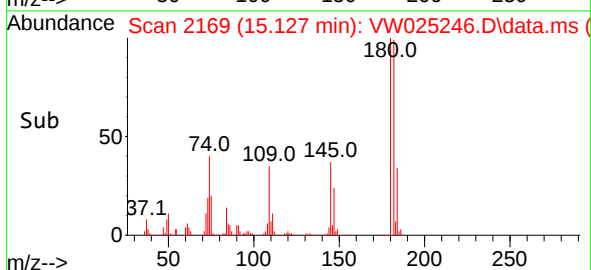
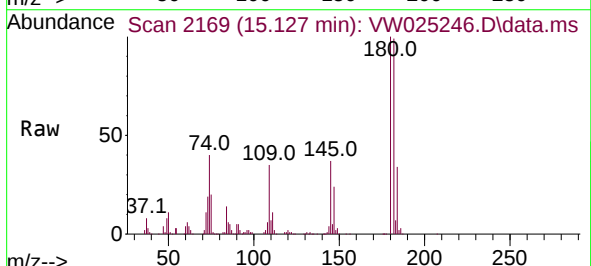
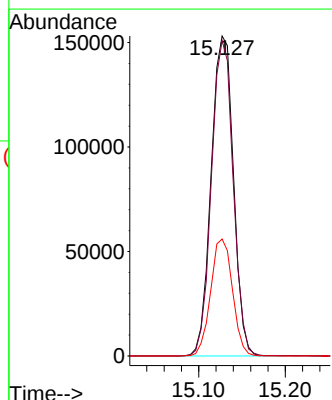
Tgt Ion:180 Resp: 273642

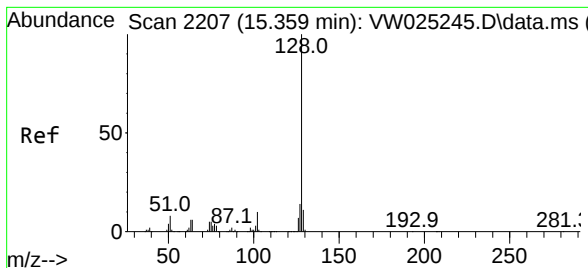
Ion Ratio Lower Upper

180 100

182 95.9 73.5 110.3

145 35.8 27.0 40.6





#71

Naphthalene

Concen: 45.423 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

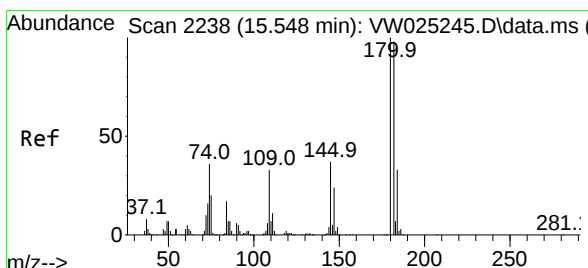
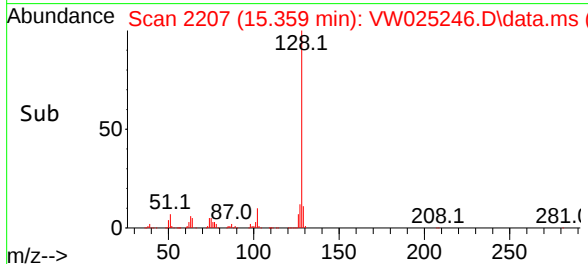
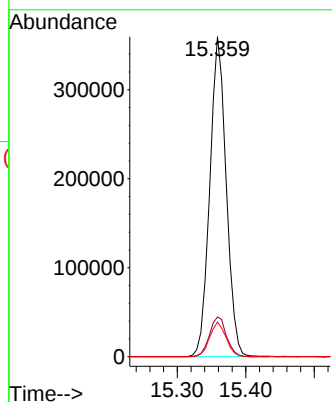
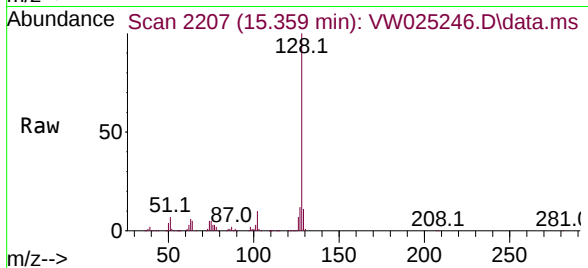
Tgt Ion:128 Resp: 599082

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 42.910 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW025246.D

Acq: 30 Jan 2023 11:20

Tgt Ion:180 Resp: 253241

Ion Ratio Lower Upper

180 100

182 98.4 78.1 117.1

145 36.8 29.5 44.3

