

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100422\
 Data File : VW024724.D
 Acq On : 04 Oct 2022 19:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 05 07:19:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	543445	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	504605	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241465	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127374	22.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.885	69	70914	21.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
11) 1,1-Dichloroethene-d2	4.025	63	284662	21.631	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.520%
21) 2-Butanone-d5	7.080	46	118983	58.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.400%
24) Chloroform-d	7.647	84	363018	24.987	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	8.305	65	189329	25.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.480%
32) Benzene-d6	8.275	84	711432	22.058	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.274	67	229619	23.301	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.200%
41) Toluene-d8	10.323	98	624257	21.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	10.573	79	86811	19.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.120%
47) 2-Hexanone-d5	10.927	63	91580	54.317	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	192319	27.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	196854	23.168	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	57998	17.383	ug/L	95
3) Chloromethane	2.215	50	142341	21.908	ug/L	98
5) Vinyl chloride	2.361	62	198943	29.780	ug/L	97
6) Bromomethane	2.776	94	93919	30.462	ug/L	94
8) Chloroethane	2.922	64	72869	25.873	ug/L	99
9) Trichlorofluoromethane	3.251	101	72842	19.490	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	197463	27.702	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	190344	26.774	ug/L	91
13) Acetone	4.123	43	73926	49.566	ug/L	98
14) Carbon disulfide	4.385	76	620398	27.643	ug/L	99
15) Methyl Acetate	4.672	43	106862	32.358	ug/L	99
16) Methylene chloride	4.922	84	224515	21.036	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	223149	27.936	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	357249	28.207	ug/L	99
19) 1,1-Dichloroethane	6.220	63	422009	28.238	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	244882	28.572	ug/L	93
22) 2-Butanone	7.171	43	141873	59.471	ug/L	98
23) Bromochloromethane	7.513	128	103709	29.772	ug/L	94
25) Chloroform	7.677	83	412073	29.078	ug/L	98

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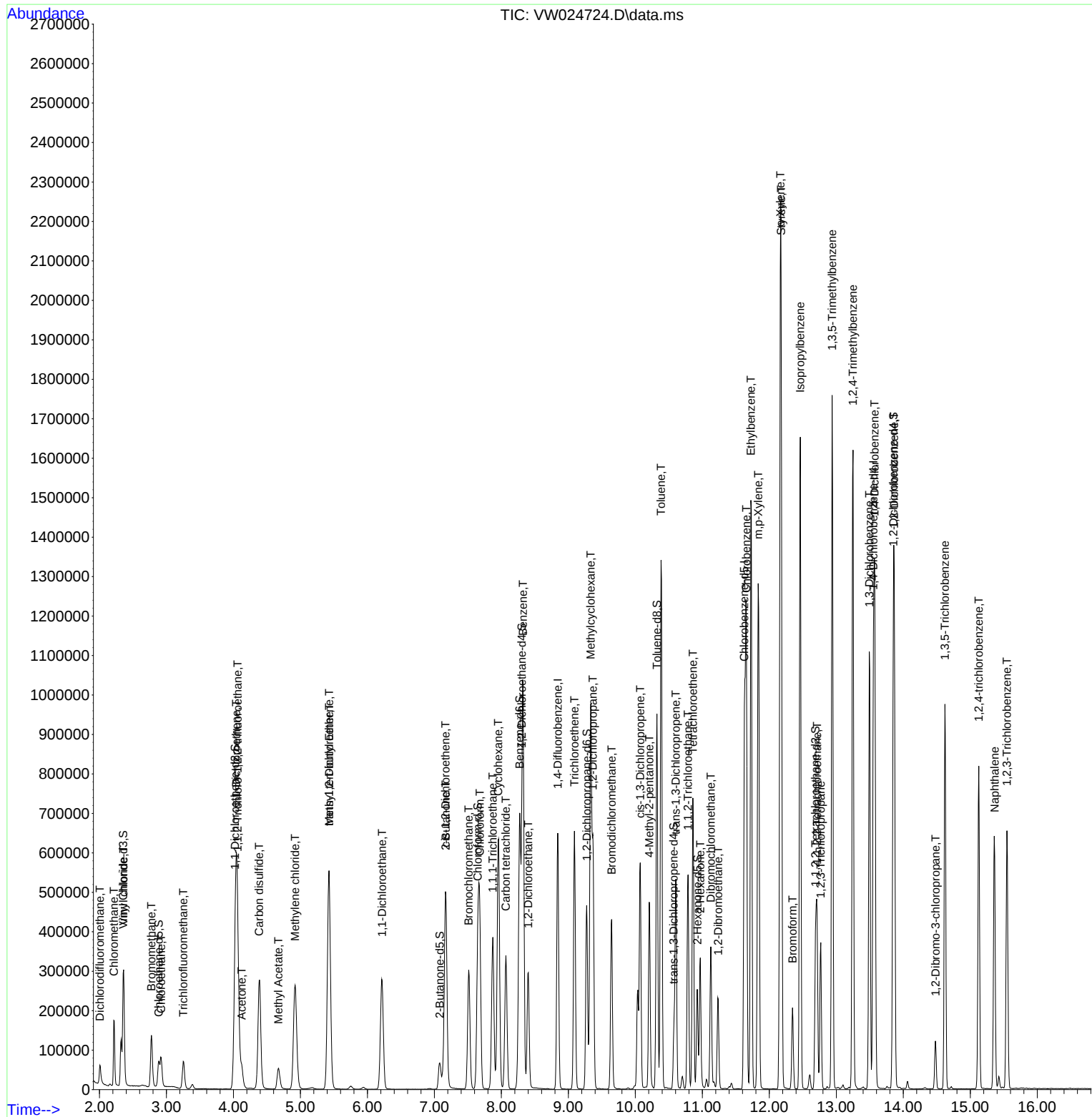
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	265822	29.810	ug/L	99
29) Cyclohexane	7.951	56	381461	24.271	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	306916	25.136	ug/L	99
31) Carbon tetrachloride	8.067	117	253764	24.542	ug/L	99
33) Benzene	8.323	78	945763	26.779	ug/L	100
34) Trichloroethene	9.091	95	235751	26.336	ug/L	98
35) Methylcyclohexane	9.335	83	403615	24.596	ug/L	99
37) 1,2-Dichloropropane	9.366	63	242037	27.760	ug/L	100
38) Bromodichloromethane	9.646	83	293458	27.362	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	352862	25.592	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	312077	60.470	ug/L	99
42) Toluene	10.384	91	974420	26.717	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	291067	24.623	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	174509	29.302	ug/L	99
46) Tetrachloroethene	10.859	164	154951	25.476	ug/L	91
48) 2-Hexanone	10.969	43	211869	60.711	ug/L	99
49) Dibromochloromethane	11.128	129	183751	27.400	ug/L	93
50) 1,2-Dibromoethane	11.237	107	160839	28.532	ug/L	100
51) Chlorobenzene	11.658	112	616536	27.609	ug/L	99
52) Ethylbenzene	11.725	91	1084683	27.000	ug/L	100
53) m,p-Xylene	11.835	106	418406	26.672	ug/L	98
54) o-Xylene	12.164	106	400818	27.057	ug/L	96
55) Styrene	12.176	104	699248	28.000	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	213057	30.554	ug/L	98
59) Bromoform	12.347	173	90276	26.449	ug/L	98
60) Isopropylbenzene	12.463	105	1062596	27.000	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	157767	30.332	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	902552	26.386	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	919988	27.455	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	430851	26.948	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	436981	28.076	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	381356	27.384	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	33218	27.006	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	278373	26.222	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	237388	26.618	ug/L	98
71) Naphthalene	15.365	128	547552	28.197	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	208472	27.466	ug/L	94

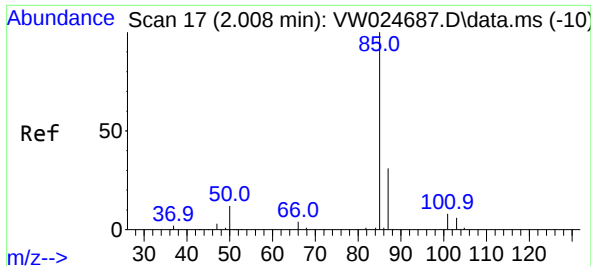
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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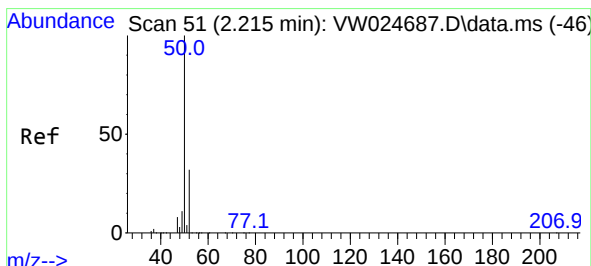
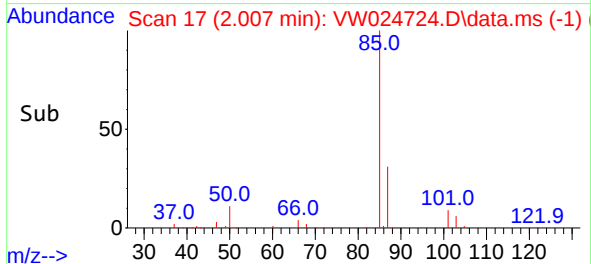
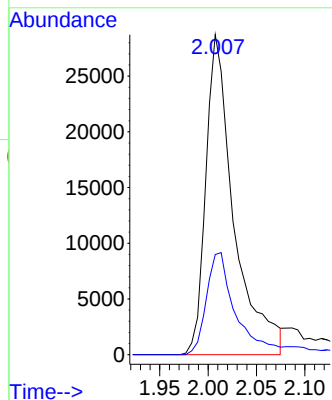
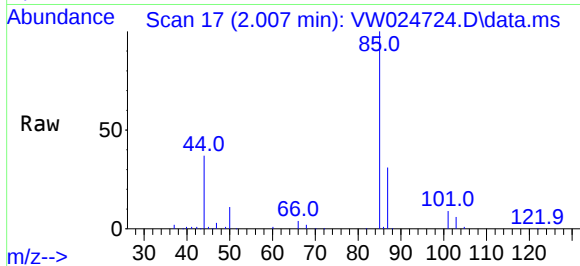




#2
 Dichlorodifluoromethane
 Concen: 17.383 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024724.D
 Acq: 04 Oct 2022 19:08

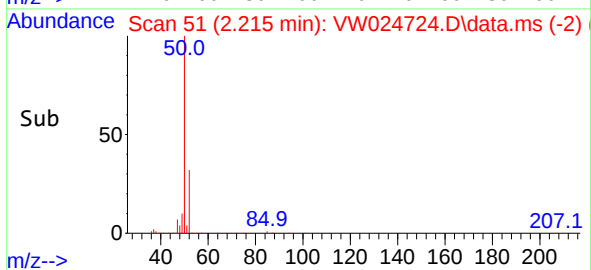
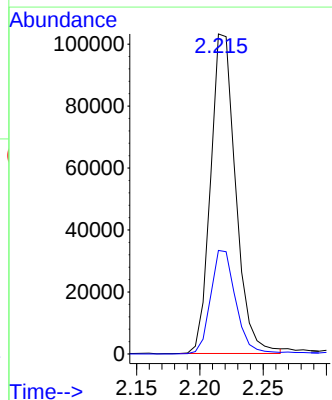
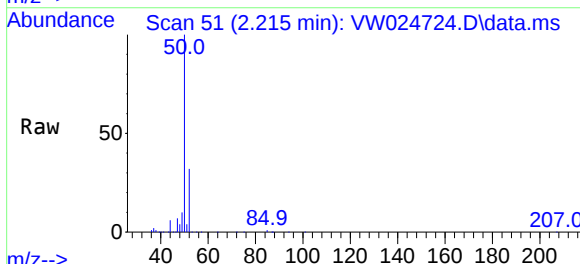
Instrument :
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 ClientSampleId :

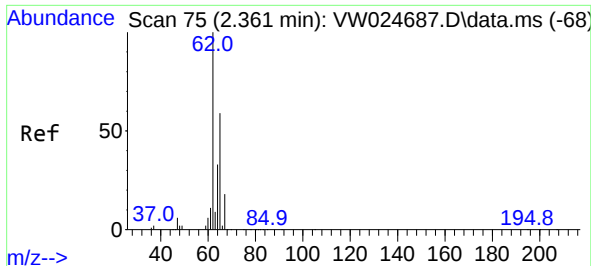
Tgt Ion: 85 Resp: 57998
 Ion Ratio Lower Upper
 85 100
 87 33.0 28.8 43.2



#3
 Chloromethane
 Concen: 21.908 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW024724.D
 Acq: 04 Oct 2022 19:08

Tgt Ion: 50 Resp: 142341
 Ion Ratio Lower Upper
 50 100
 52 32.4 21.7 40.3

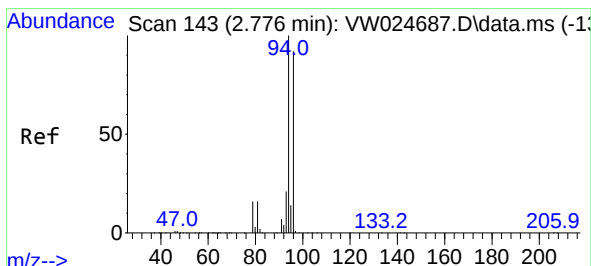
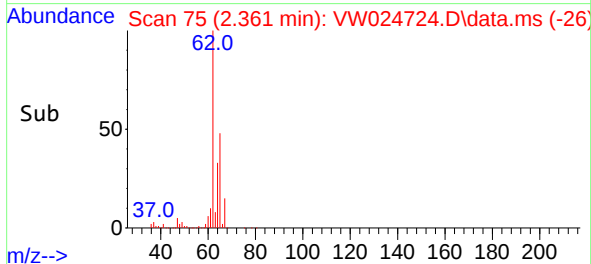
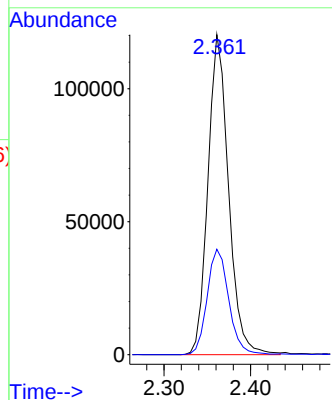
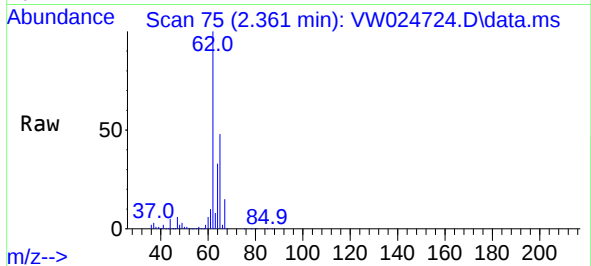




#5
 Vinyl chloride
 Concen: 29.780 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW024724.D
 Acq: 04 Oct 2022 19:08

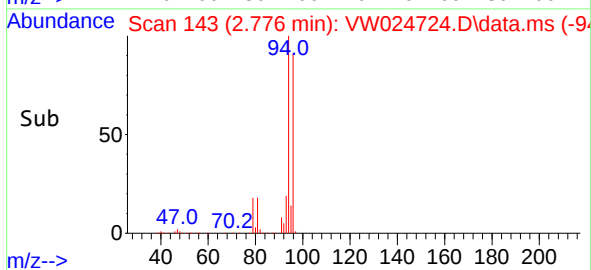
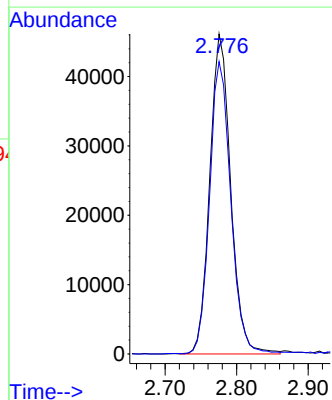
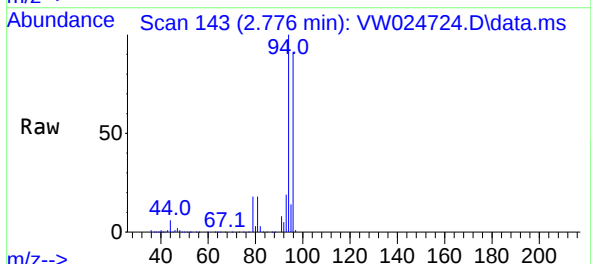
Instrument :
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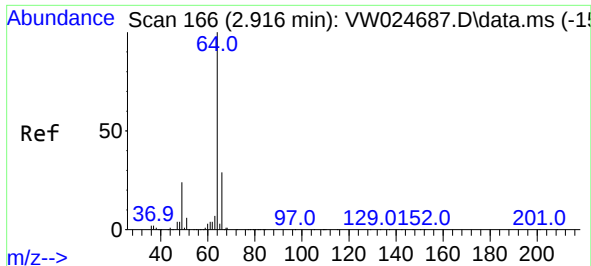
Tgt Ion: 62 Resp: 198943
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.4 45.2



#6
 Bromomethane
 Concen: 30.462 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW024724.D
 Acq: 04 Oct 2022 19:08

Tgt Ion: 94 Resp: 93919
 Ion Ratio Lower Upper
 94 100
 96 91.4 68.0 126.2

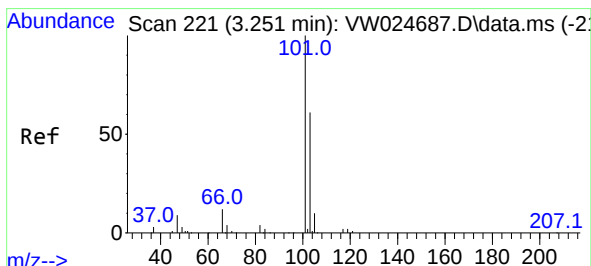
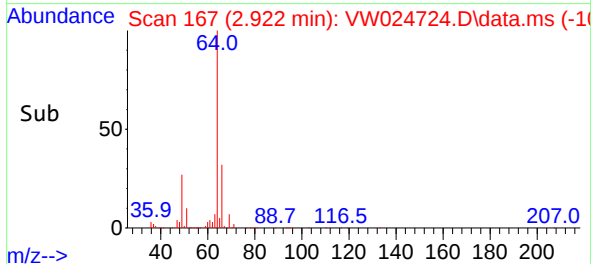
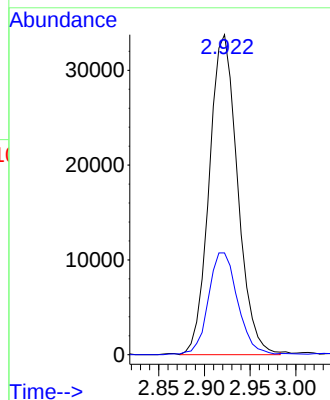
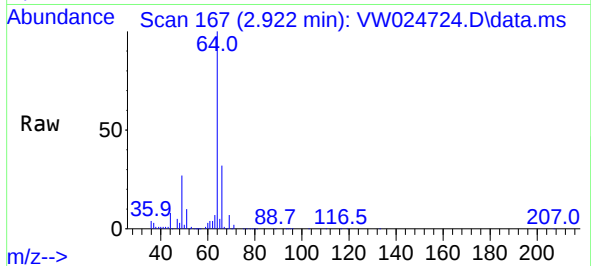




#8
Chloroethane
Concen: 25.873 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

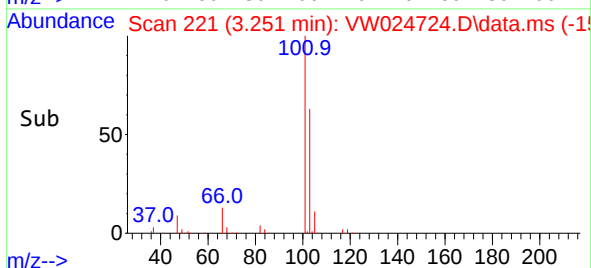
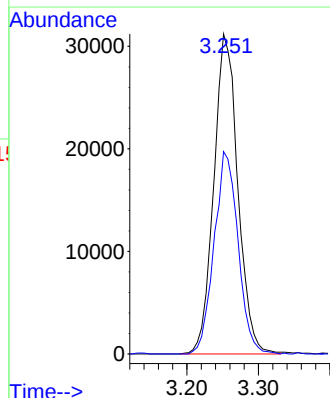
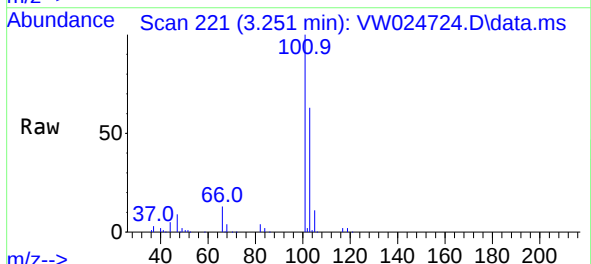
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MSVOA_W
ClientSampleId :

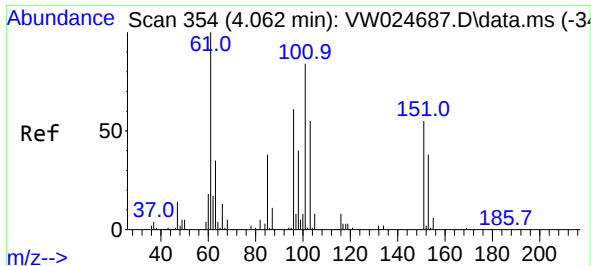
Tgt Ion: 64 Resp: 72869
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 19.490 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion:101 Resp: 72842
Ion Ratio Lower Upper
101 100
103 63.0 53.4 80.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 27.702 ug/L

RT: 4.062 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

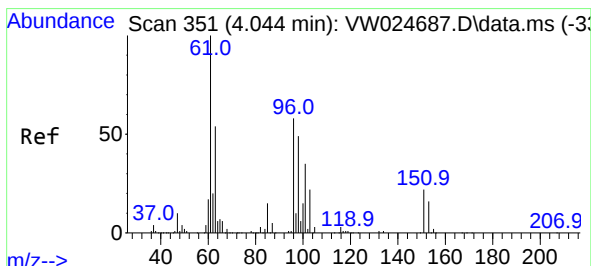
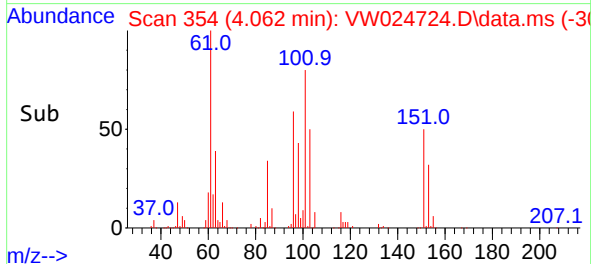
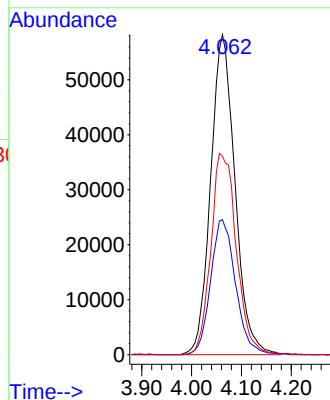
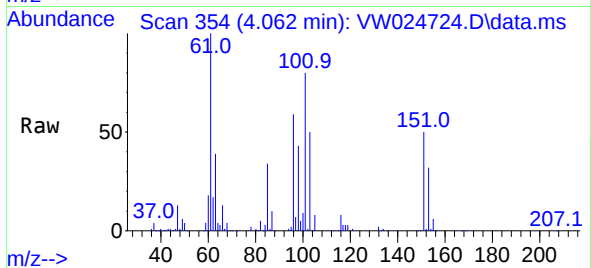
Tgt Ion:101 Resp: 197463

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

151 65.7 30.9 46.3#



#12

1,1-Dichloroethene

Concen: 26.774 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.000 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

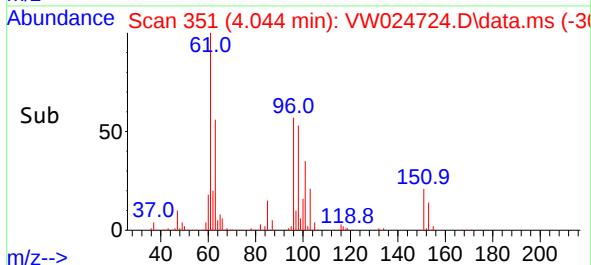
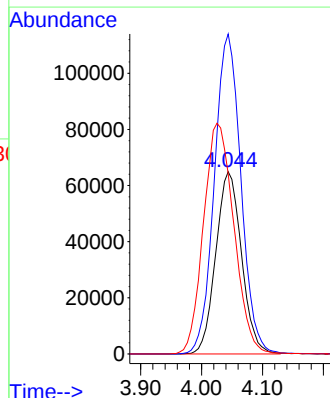
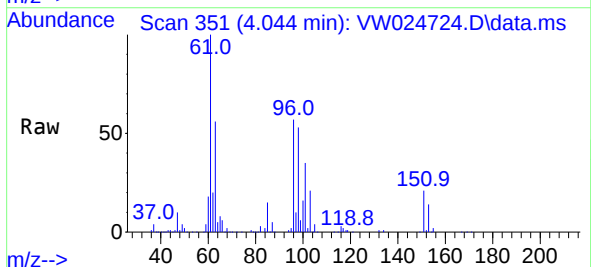
Tgt Ion: 96 Resp: 190344

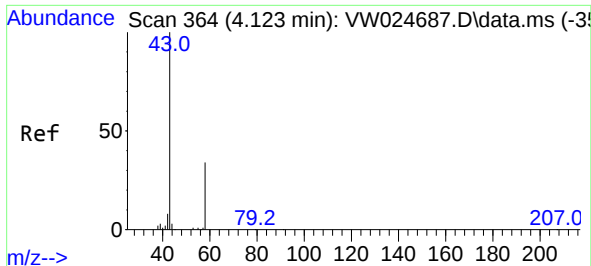
Ion Ratio Lower Upper

96 100

61 175.6 124.5 231.1

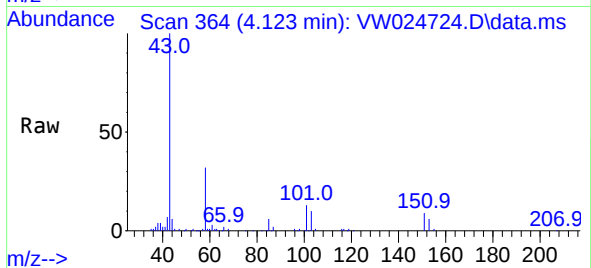
63 98.8 84.1 156.1



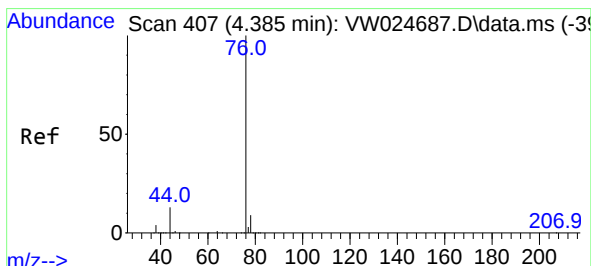
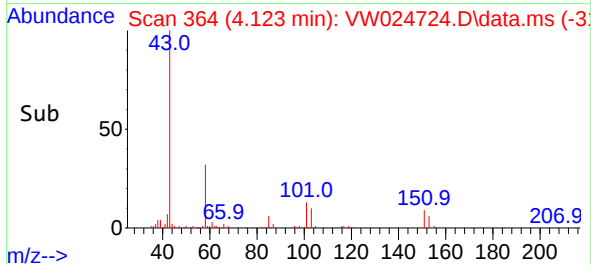
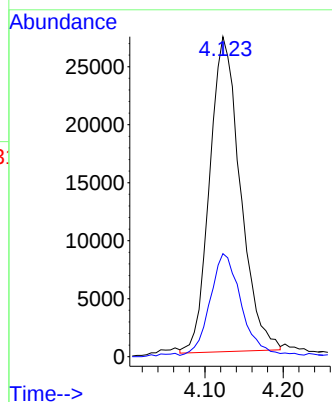


#13
Acetone
Concen: 49.566 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW024724.D
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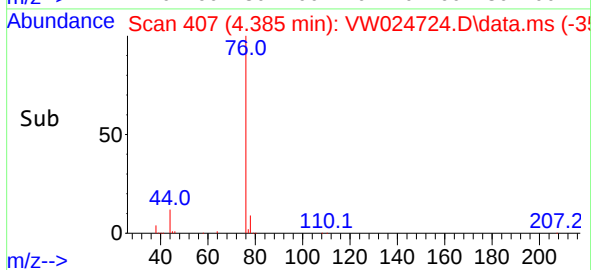
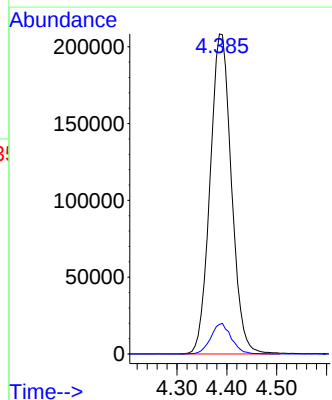
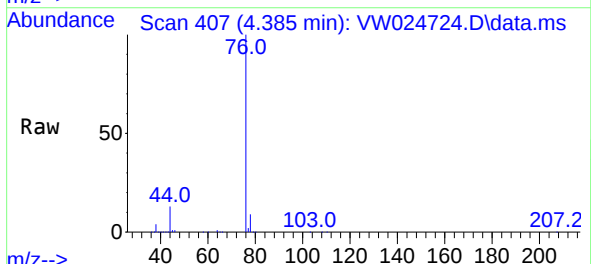


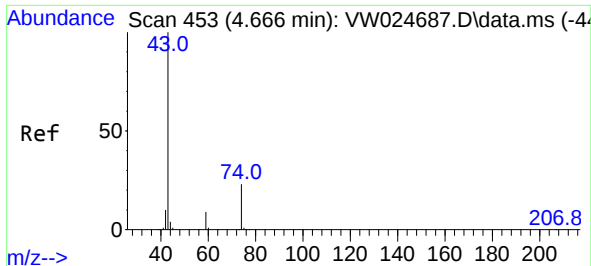
Tgt Ion: 43 Resp: 73926
Ion Ratio Lower Upper
43 100
58 32.7 0.0 67.6



#14
Carbon disulfide
Concen: 27.643 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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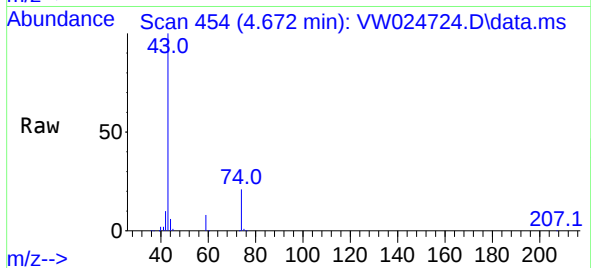
Tgt Ion: 76 Resp: 620398
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



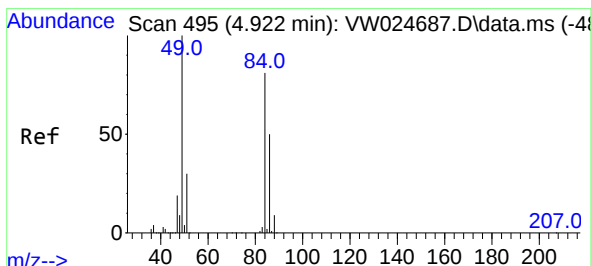
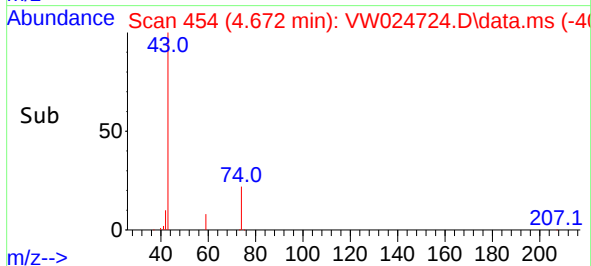
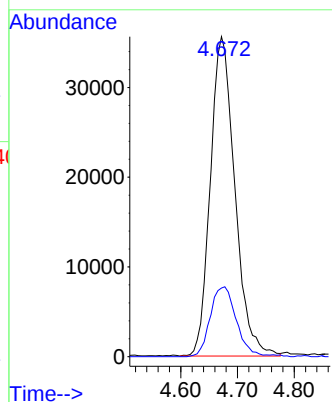


#15
Methyl Acetate
Concen: 32.358 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

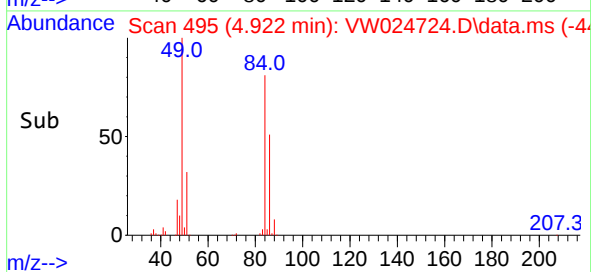
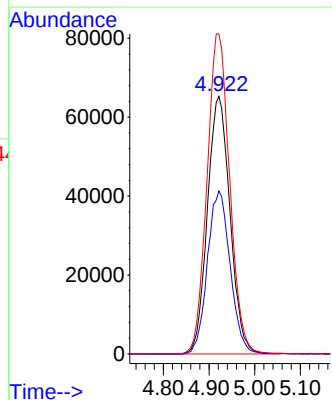
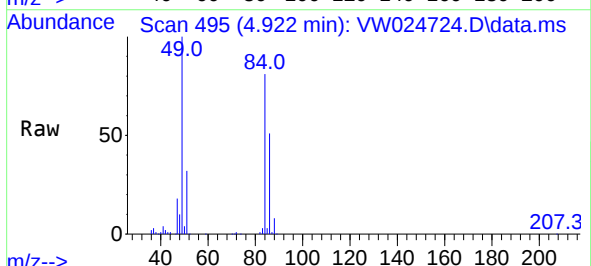


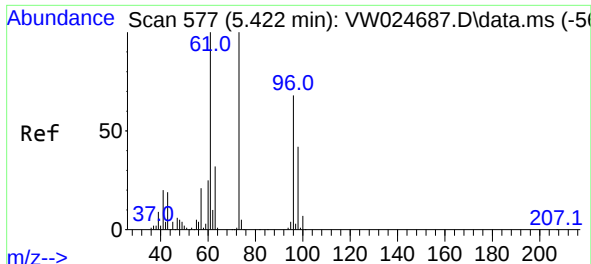
Tgt Ion: 43 Resp: 106862
Ion Ratio Lower Upper
43 100
74 23.1 18.1 27.1



#16
Methylene chloride
Concen: 21.036 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

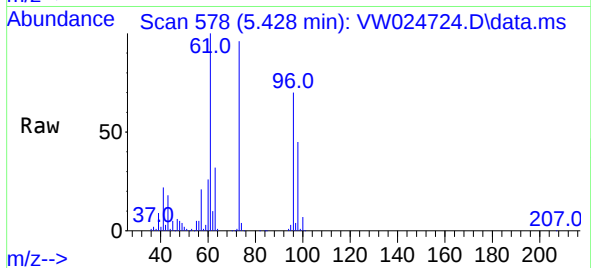
Tgt Ion: 84 Resp: 224515
Ion Ratio Lower Upper
84 100
86 63.3 44.0 81.8
49 124.2 87.4 162.2



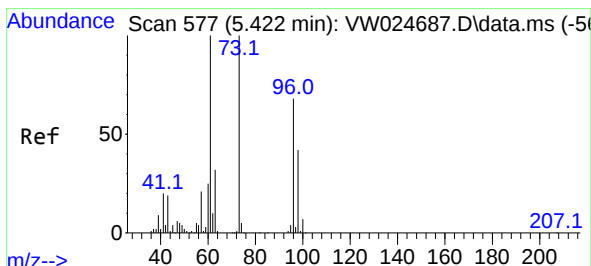
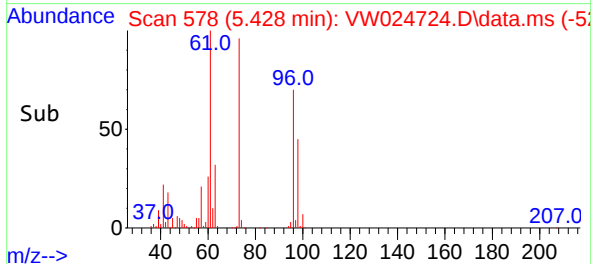
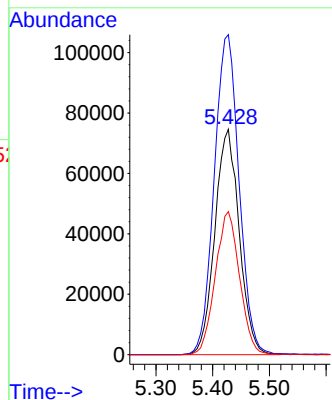


#17
trans-1,2-Dichloroethene
Concen: 27.936 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

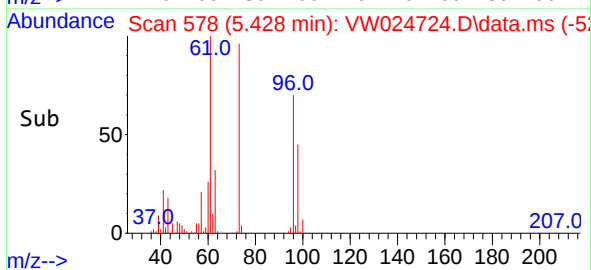
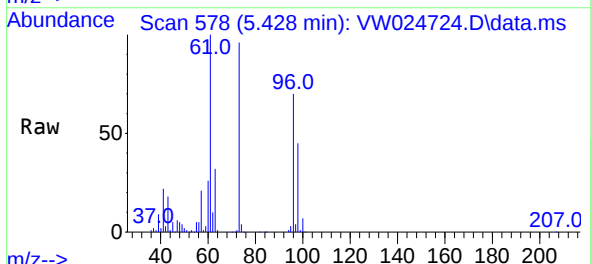
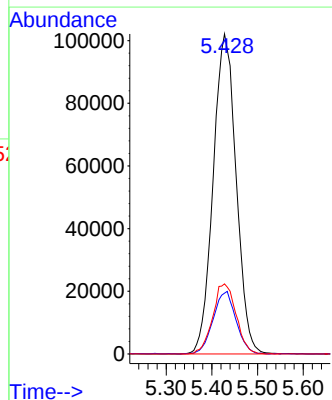


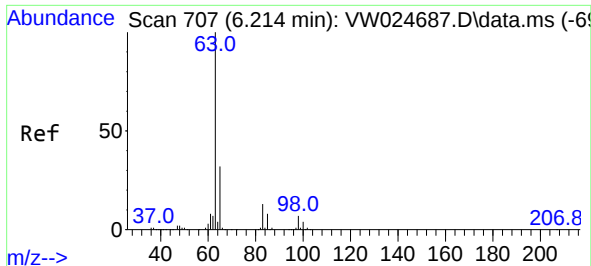
Tgt Ion: 96 Resp: 223149
Ion Ratio Lower Upper
96 100
61 141.9 106.3 197.5
98 63.5 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 28.207 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion: 73 Resp: 357249
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 22.3 18.3 27.5





#19

1,1-Dichloroethane

Concen: 28.238 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

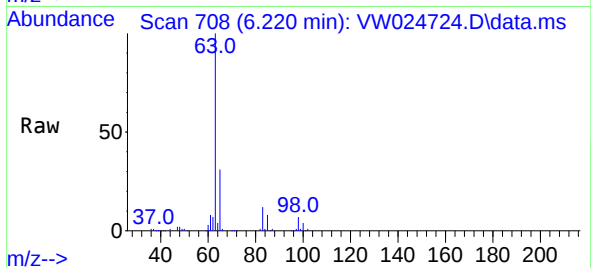
Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :



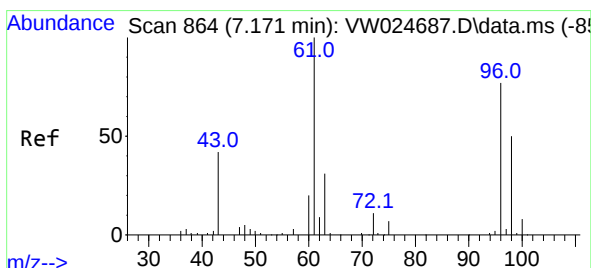
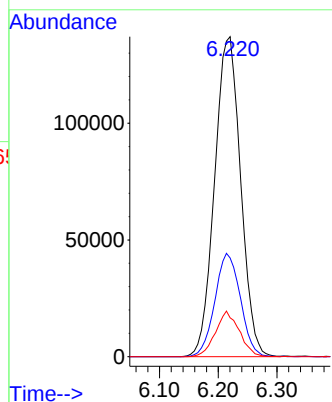
Tgt Ion: 63 Resp: 422009

Ion Ratio Lower Upper

63 100

65 30.9 23.7 43.9

83 12.1 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 28.572 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

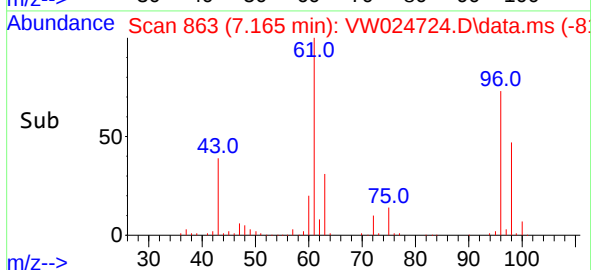
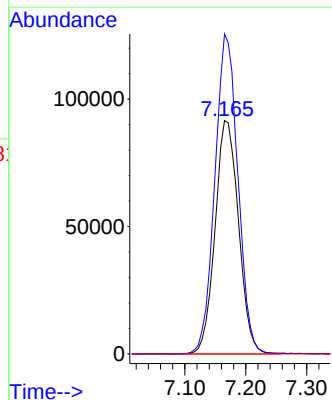
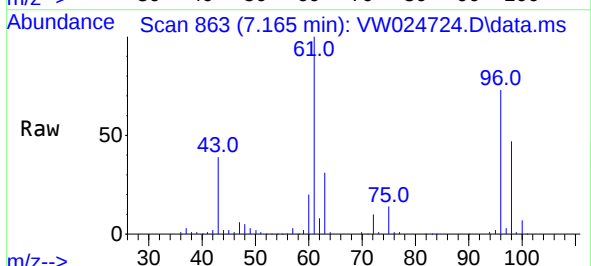
Tgt Ion: 96 Resp: 244882

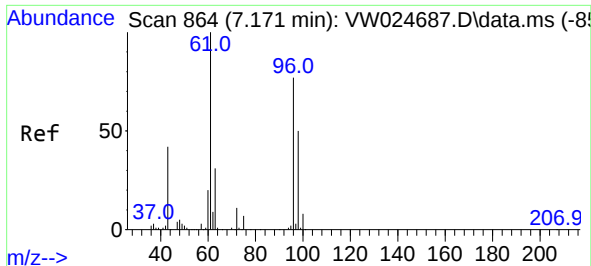
Ion Ratio Lower Upper

96 100

61 137.1 90.2 167.4

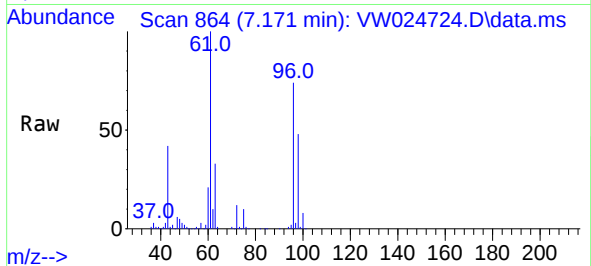
68 0.0 0.0 0.0



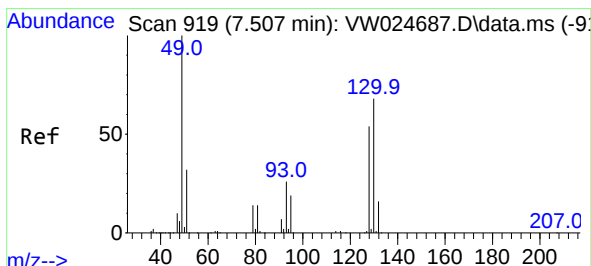
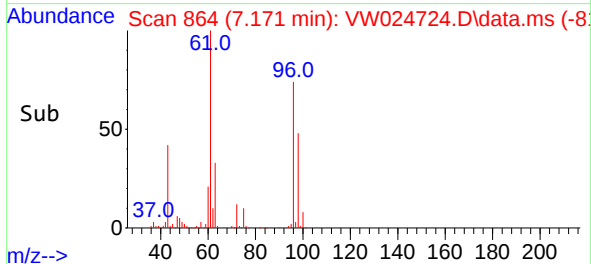
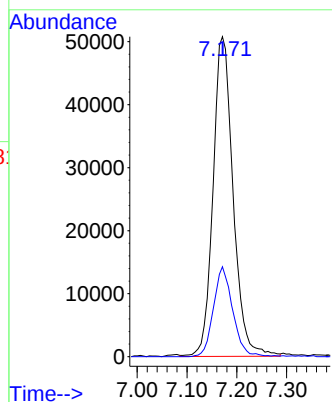


#22
2-Butanone
Concen: 59.471 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

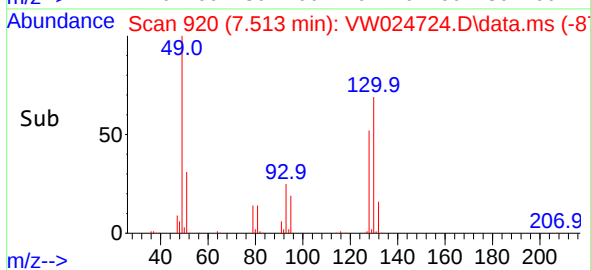
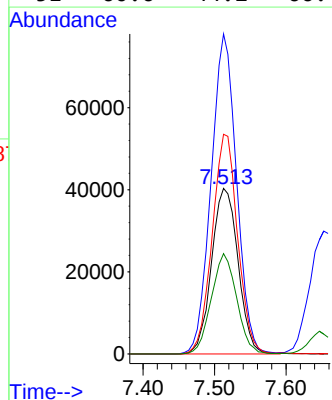
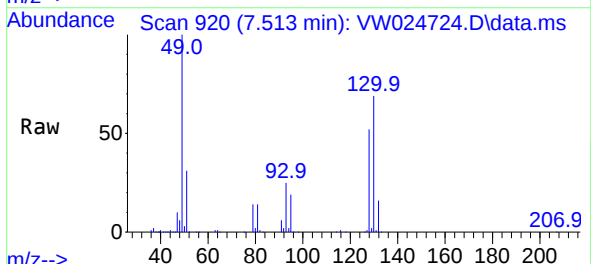


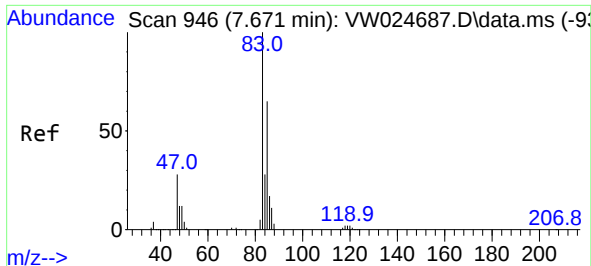
Tgt Ion: 43 Resp: 141873
Ion Ratio Lower Upper
43 100
72 26.6 13.8 41.3



#23
Bromochloromethane
Concen: 29.772 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion:128 Resp: 103709
Ion Ratio Lower Upper
128 100
49 193.3 127.3 236.3
130 132.7 90.2 167.4
51 60.6 44.2 66.4

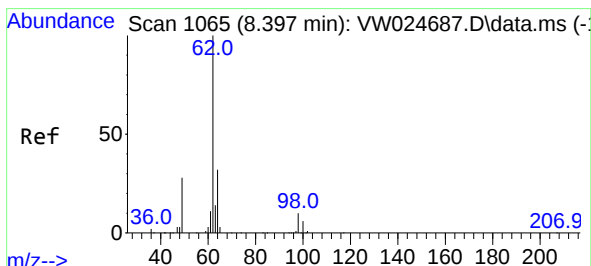
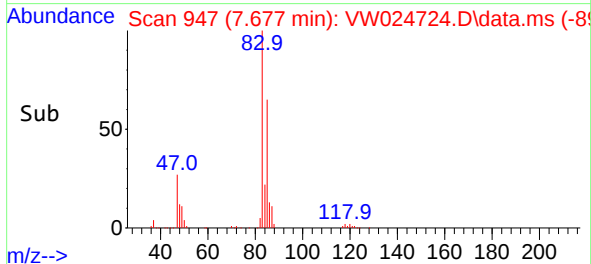
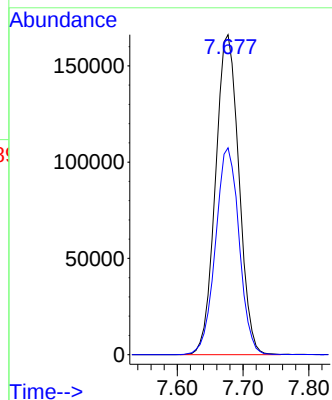
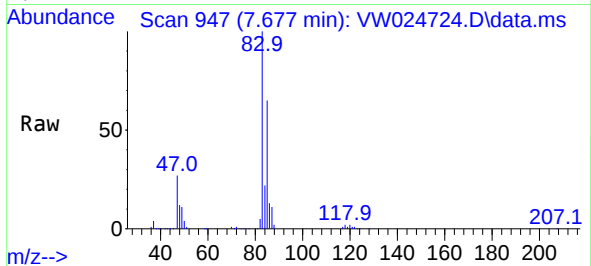




#25
Chloroform
Concen: 29.078 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

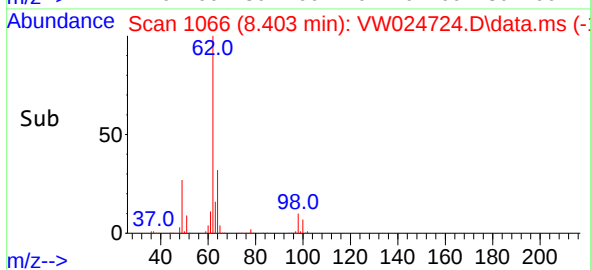
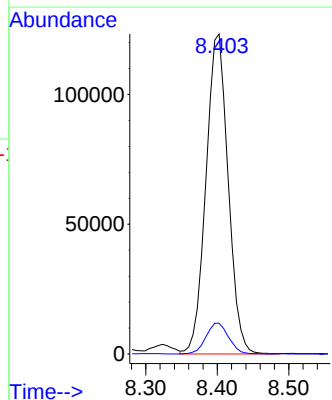
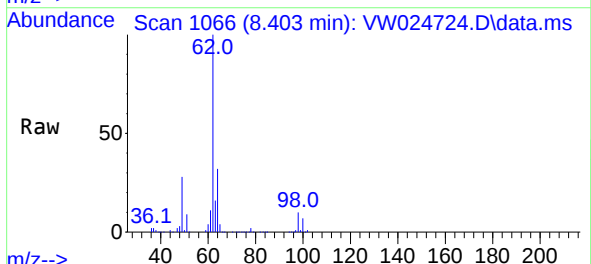
Instrument :
MSVOA_W
ClientSampleId :

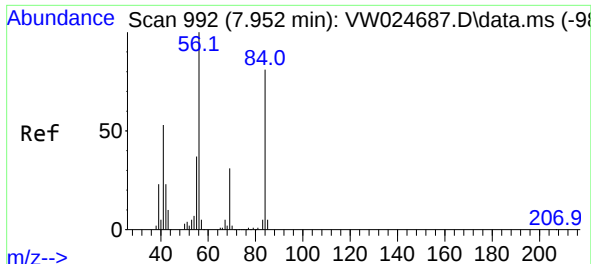
Tgt Ion: 83 Resp: 412073
Ion Ratio Lower Upper
83 100
85 64.6 44.0 81.8



#27
1,2-Dichloroethane
Concen: 29.810 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion: 62 Resp: 265822
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8





#29

Cyclohexane

Concen: 24.271 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

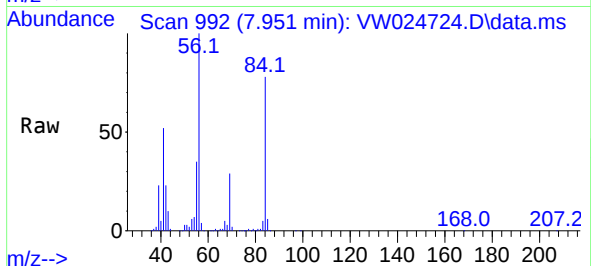
Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :



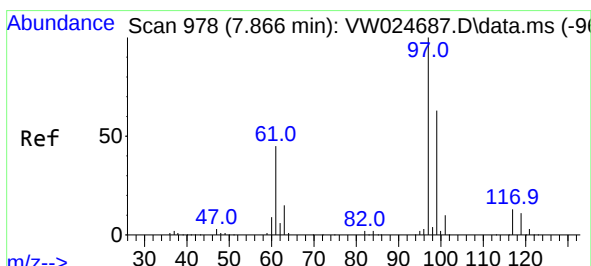
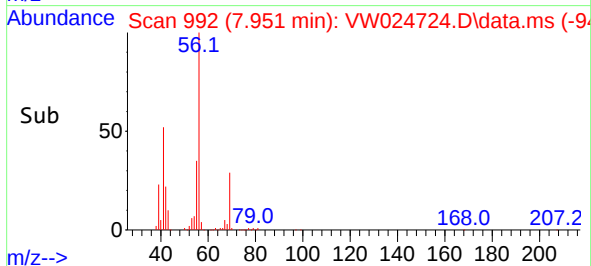
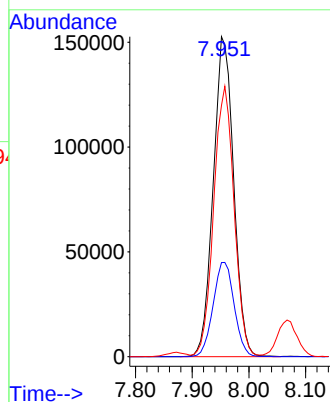
Tgt Ion: 56 Resp: 381461

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

84 84.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 25.136 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

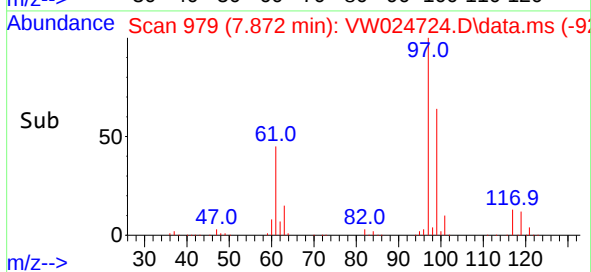
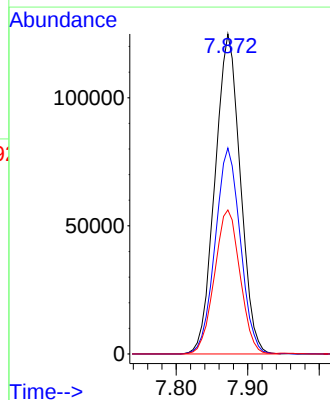
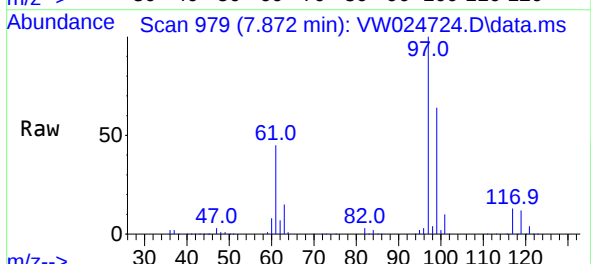
Tgt Ion: 97 Resp: 306916

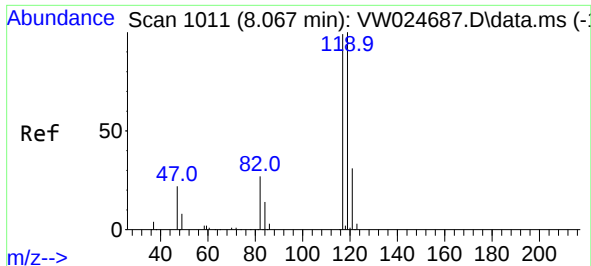
Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 45.6 35.8 53.6

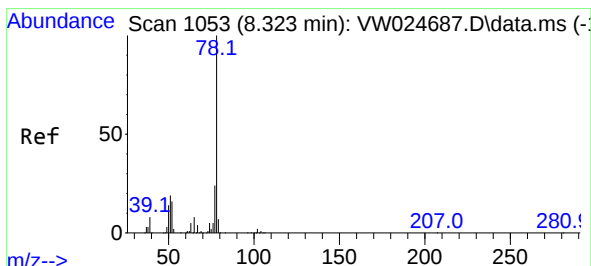
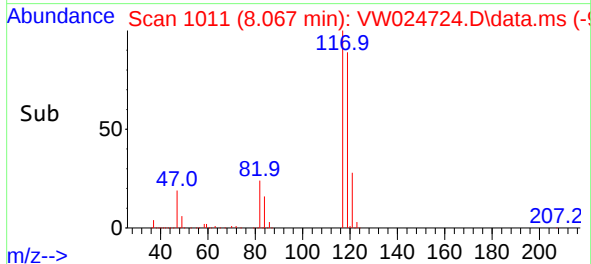
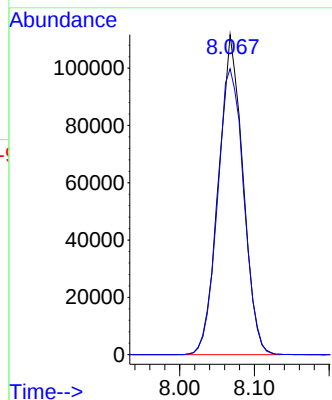
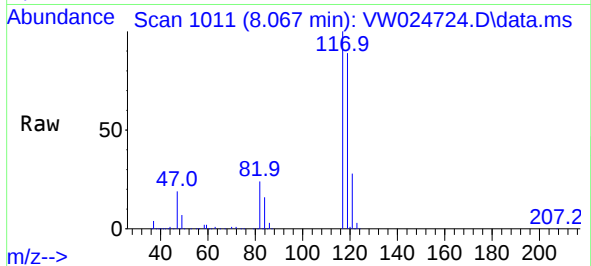




#31
Carbon tetrachloride
Concen: 24.542 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

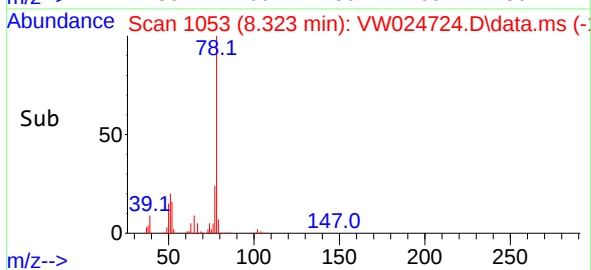
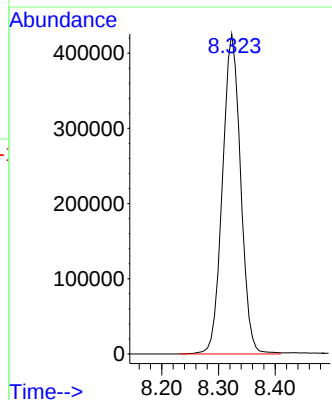
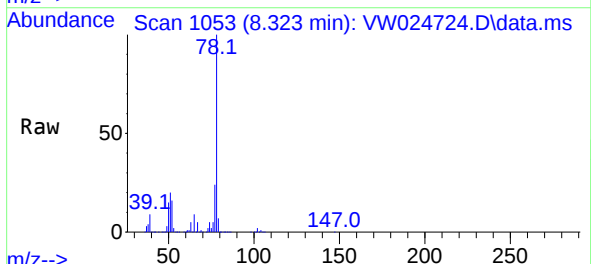
Instrument :
MSVOA_W
ClientSampleId :

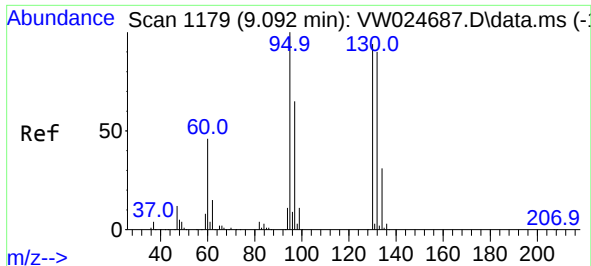
Tgt Ion:117 Resp: 253764
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2



#33
Benzene
Concen: 26.779 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

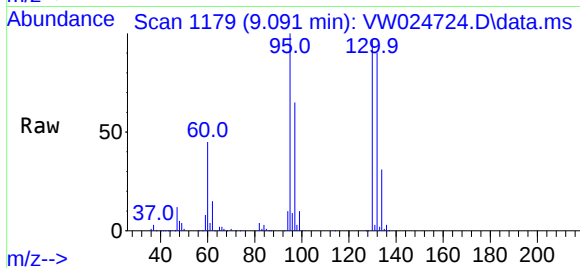
Tgt Ion: 78 Resp: 945763





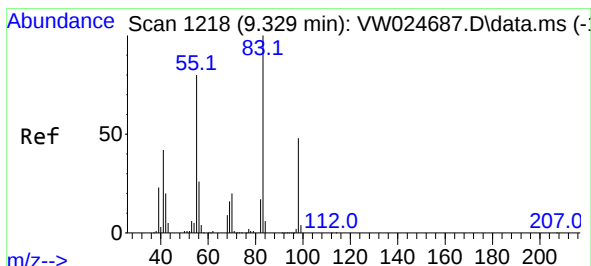
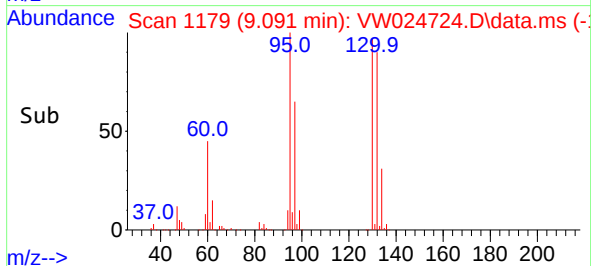
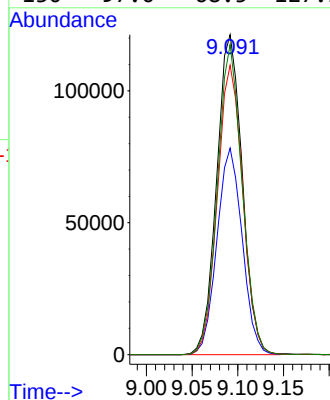
#34
Trichloroethene
Concen: 26.336 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 235751

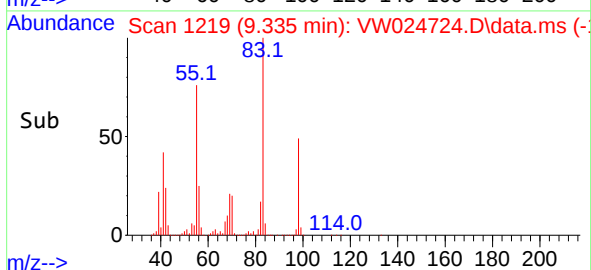
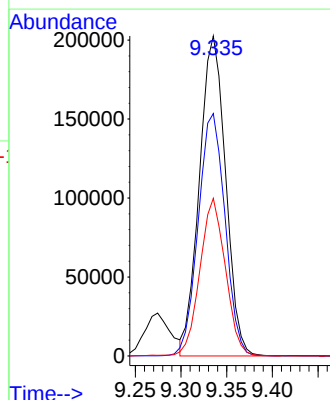
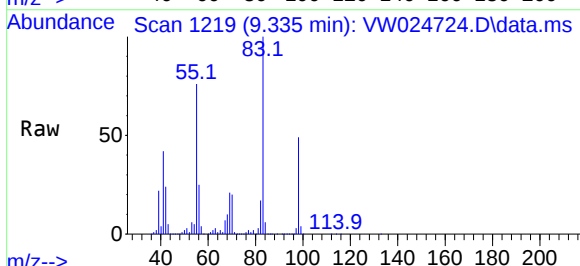
Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.5	80.9
132	90.5	61.2	113.8
130	97.0	68.5	127.1

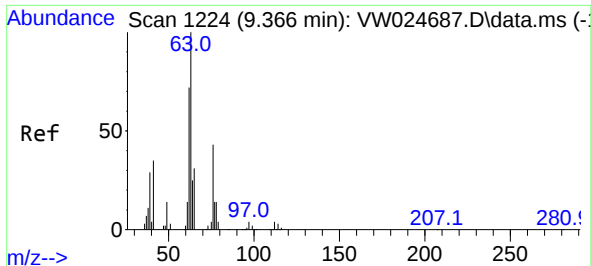


#35
Methylcyclohexane
Concen: 24.596 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion: 83 Resp: 403615

Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.1	94.7
98	48.0	38.3	57.5





#37

1,2-Dichloropropane

Concen: 27.760 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Instrument :

MSVOA_W

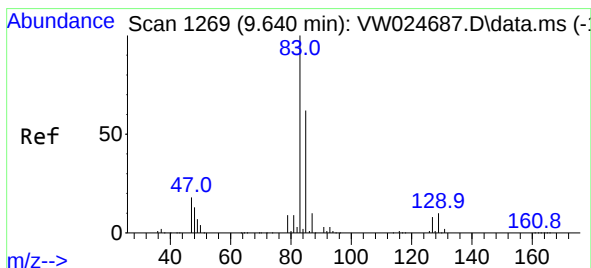
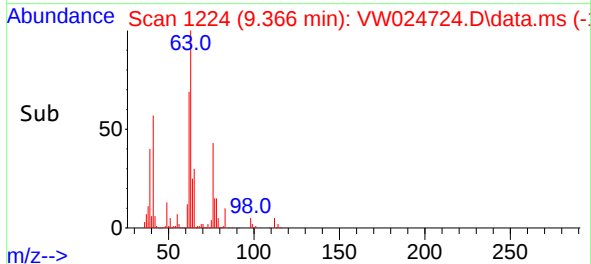
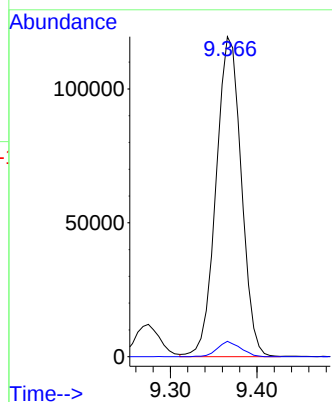
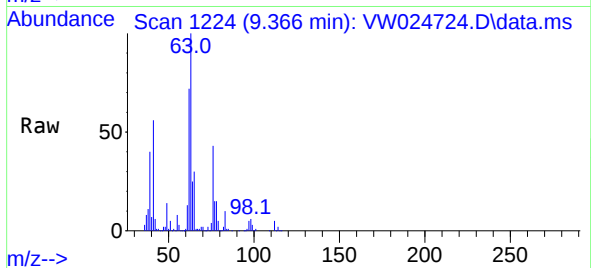
ClientSampleId :

Tgt Ion: 63 Resp: 242037

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 27.362 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

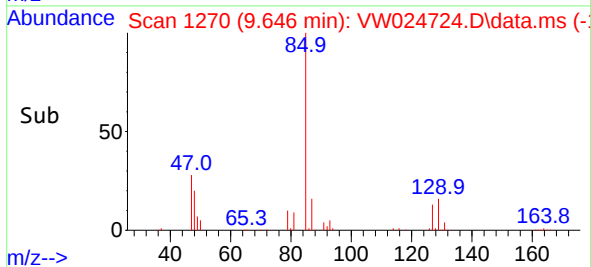
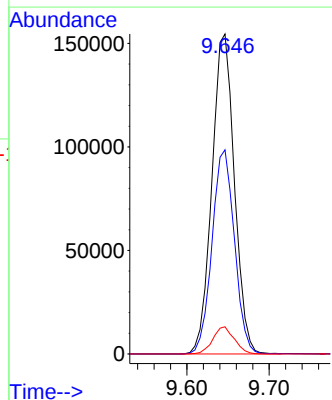
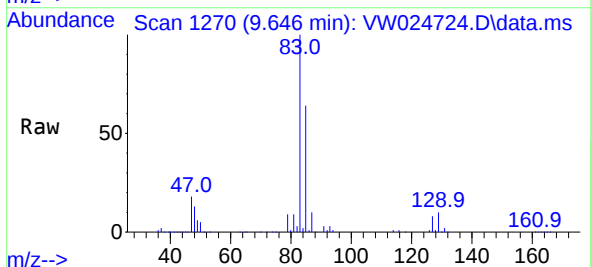
Tgt Ion: 83 Resp: 293458

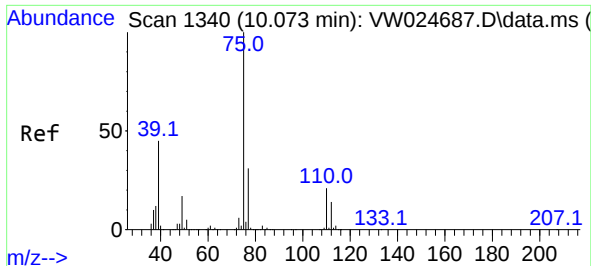
Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.8

127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.592 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Instrument :

MSVOA_W

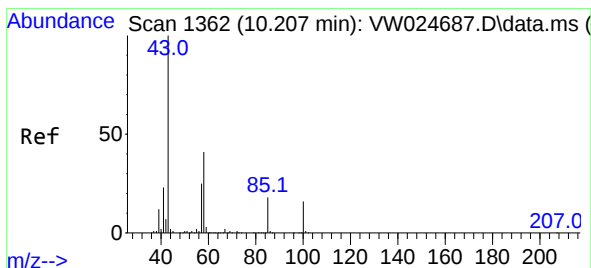
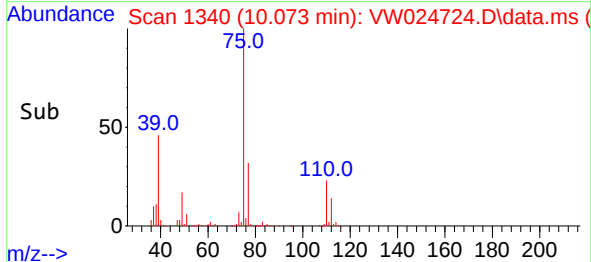
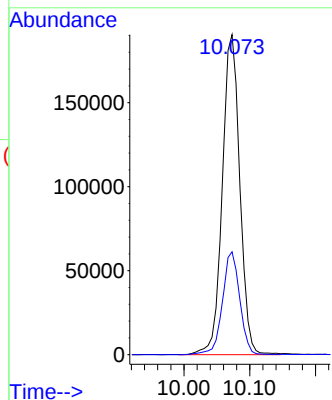
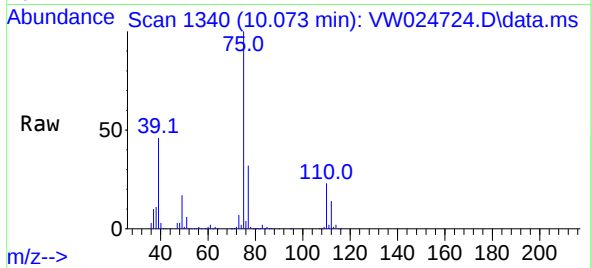
ClientSampleId :

Tgt Ion: 75 Resp: 352862

Ion Ratio Lower Upper

75 100

77 32.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 60.470 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

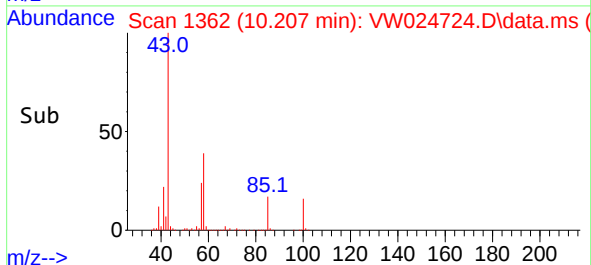
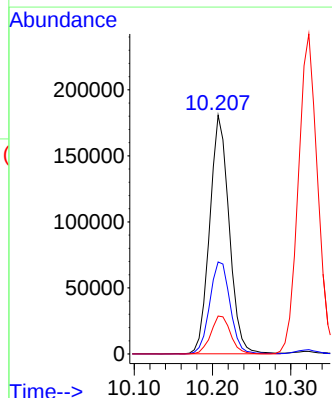
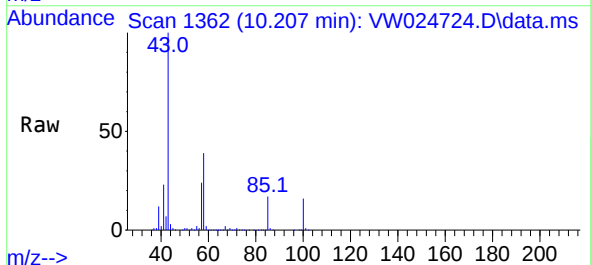
Tgt Ion: 43 Resp: 312077

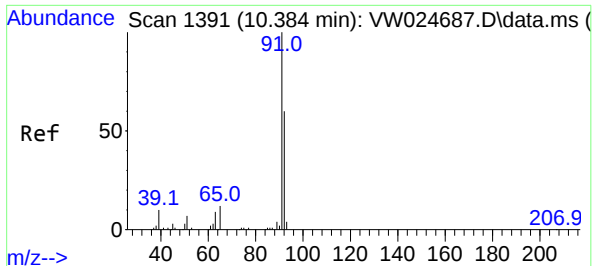
Ion Ratio Lower Upper

43 100

58 40.5 32.9 49.3

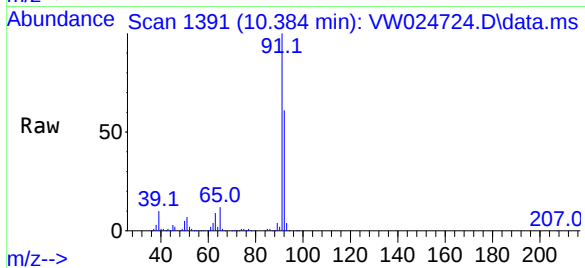
100 16.2 12.6 19.0



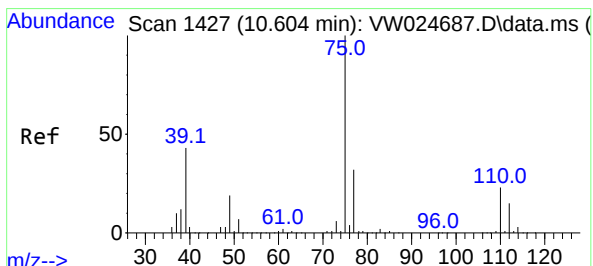
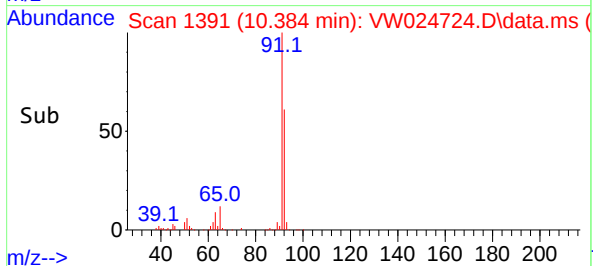
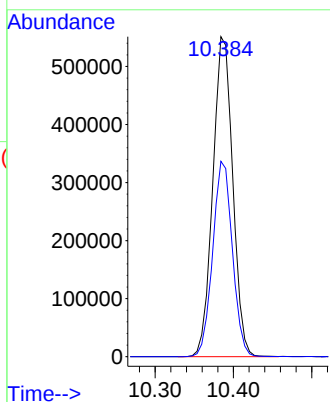


#42
Toluene
Concen: 26.717 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

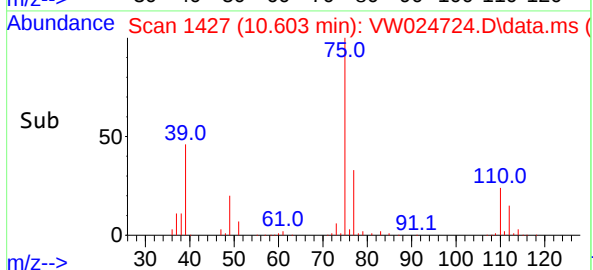
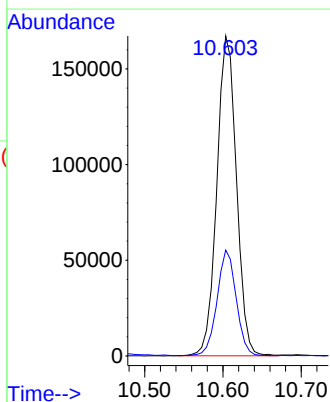
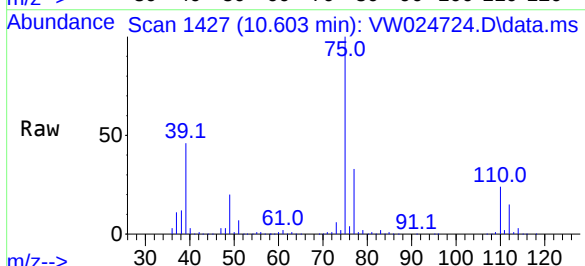


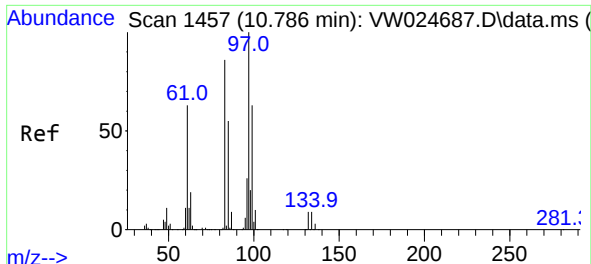
Tgt Ion: 91 Resp: 974420
Ion Ratio Lower Upper
91 100
92 61.0 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 24.623 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion: 75 Resp: 291067
Ion Ratio Lower Upper
75 100
77 33.1 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 29.302 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 174509

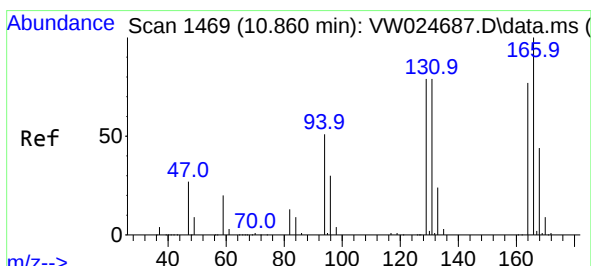
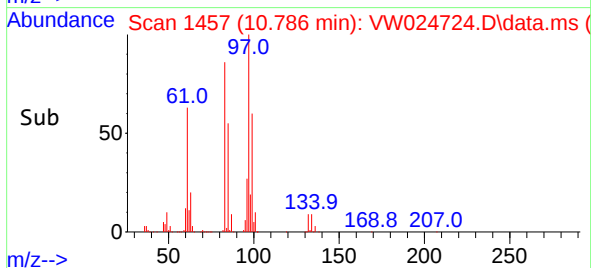
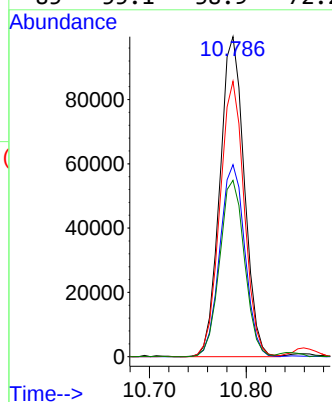
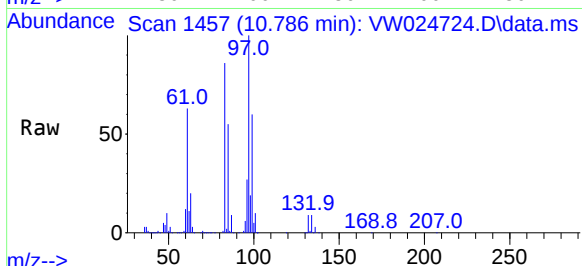
Ion Ratio Lower Upper

97 100

99 60.0 43.8 81.4

83 86.0 60.1 111.5

85 55.1 38.9 72.2



#46

Tetrachloroethene

Concen: 25.476 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Tgt Ion:164 Resp: 154951

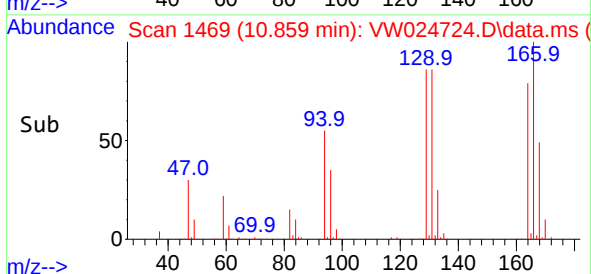
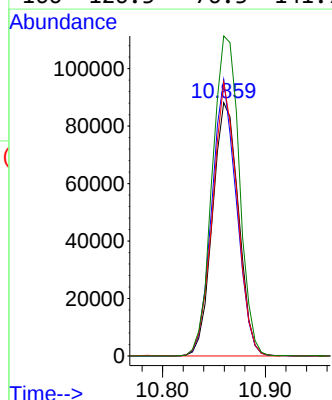
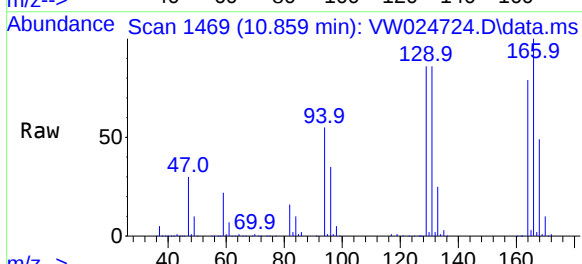
Ion Ratio Lower Upper

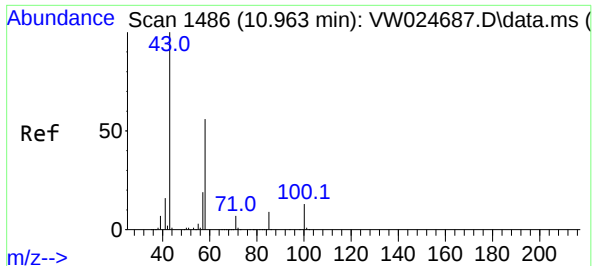
164 100

129 109.1 74.1 137.5

131 108.1 71.5 132.7

166 126.3 76.3 141.7



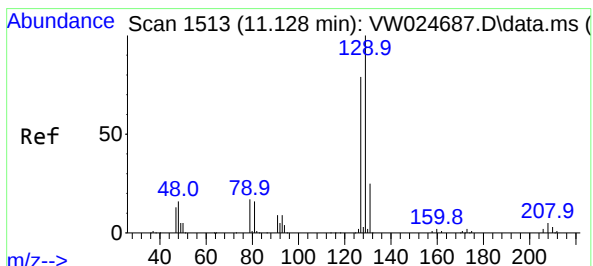
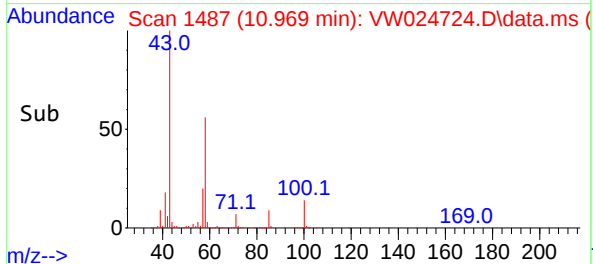
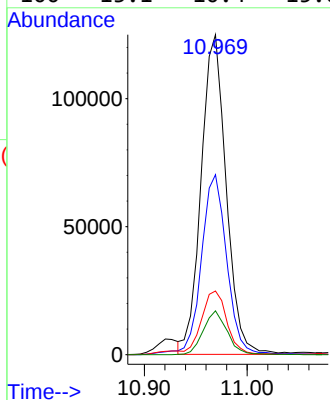
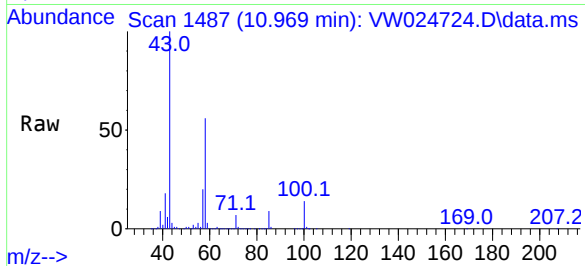


#48
2-Hexanone
Concen: 60.711 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 211869

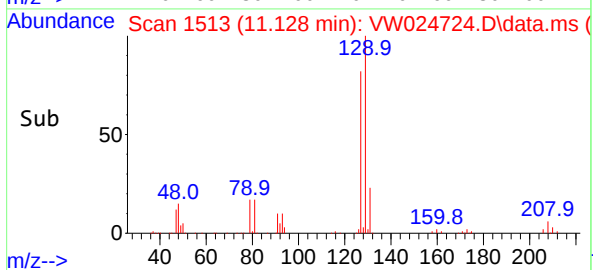
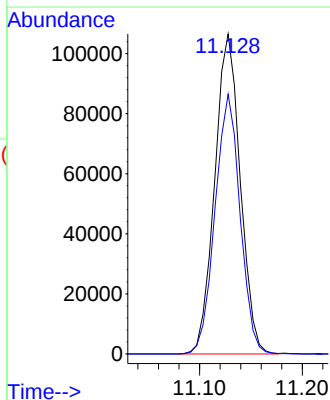
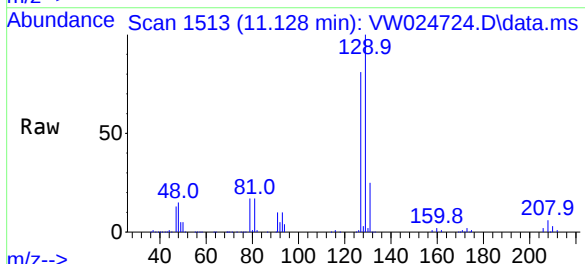
Ion	Ratio	Lower	Upper
43	100		
58	57.5	45.3	67.9
57	19.6	16.3	24.5
100	13.1	10.4	15.6

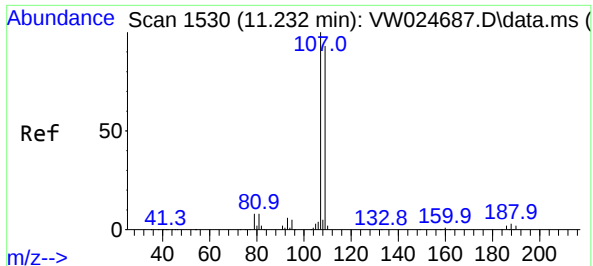


#49
Dibromochloromethane
Concen: 27.400 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion: 129 Resp: 183751

Ion	Ratio	Lower	Upper
129	100		
127	81.1	52.4	97.4





#50

1,2-Dibromoethane

Concen: 28.532 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024724.D

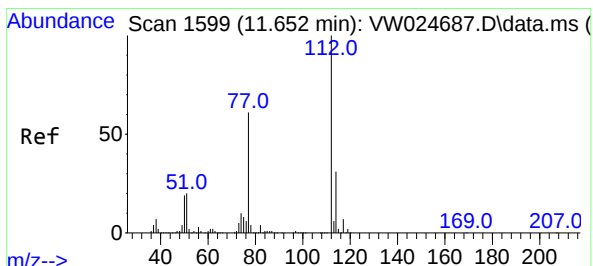
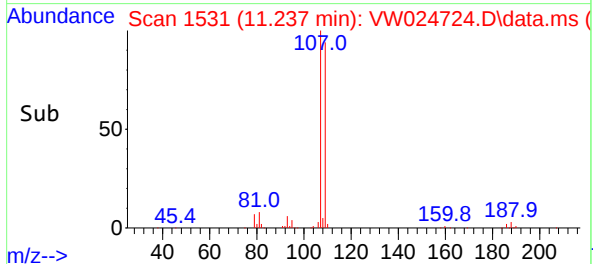
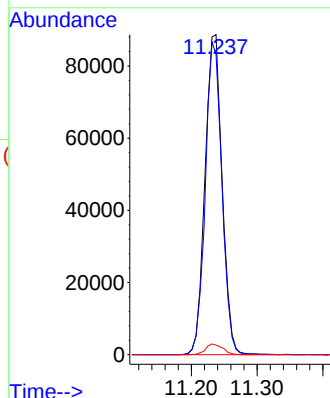
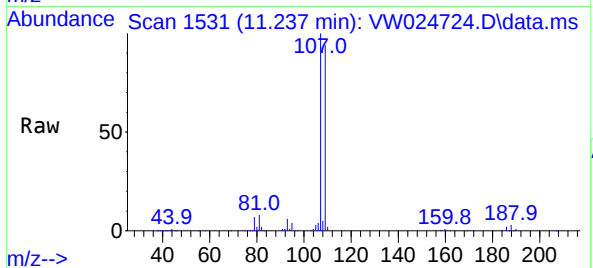
Acq: 04 Oct 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	160839
Ion	Ratio	Lower	Upper
107	100		
109	93.9	65.5	121.7
188	3.0	2.4	3.6



#51

Chlorobenzene

Concen: 27.609 ug/L

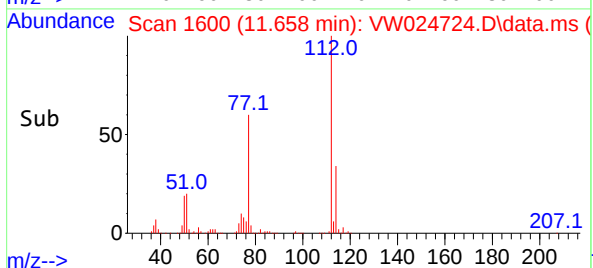
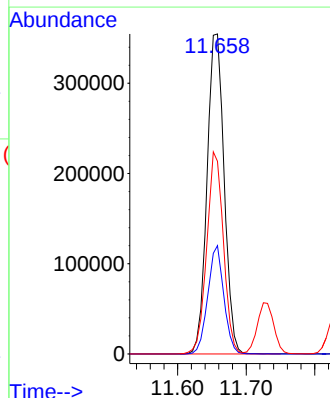
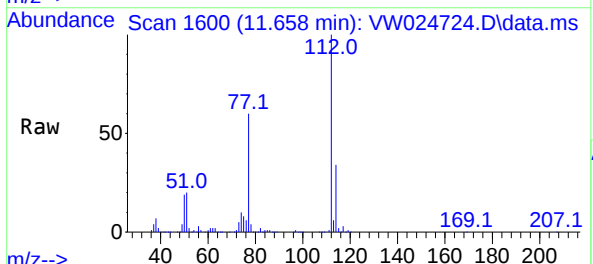
RT: 11.658 min Scan# 1600

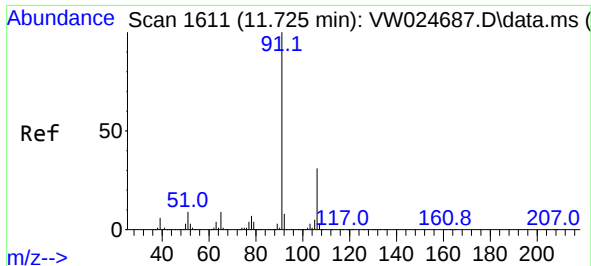
Delta R.T. 0.006 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Tgt Ion:	112	Resp:	616536
Ion	Ratio	Lower	Upper
112	100		
114	33.9	23.3	43.3
77	60.2	49.1	73.7

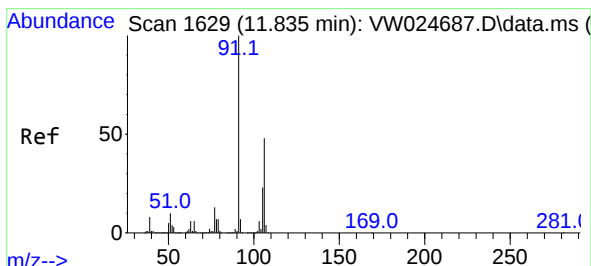
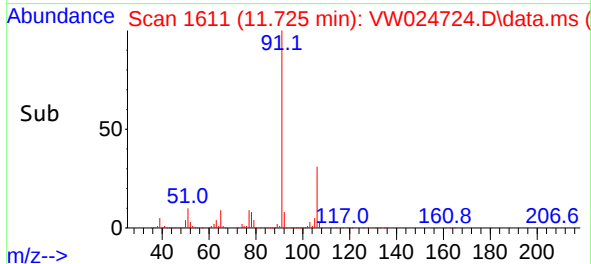
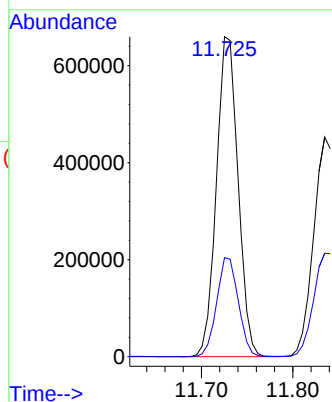
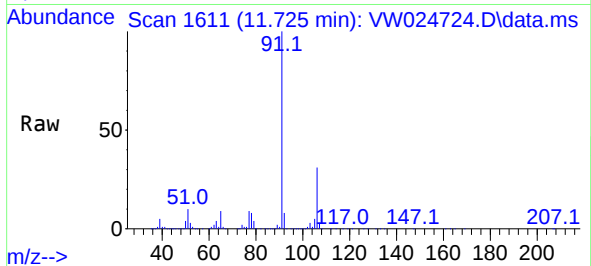




#52
Ethylbenzene
Concen: 27.000 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

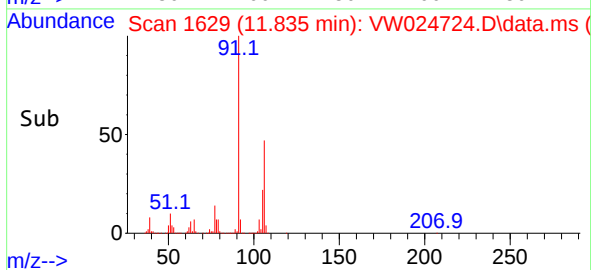
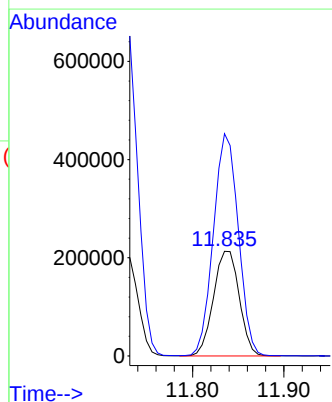
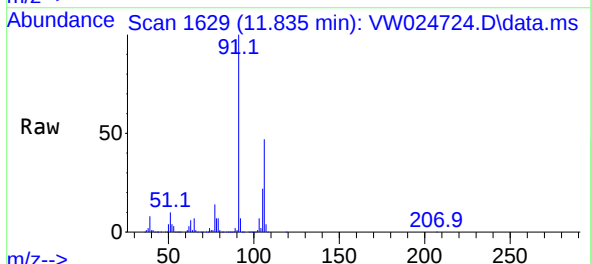
Instrument :
MSVOA_W
ClientSampleId :

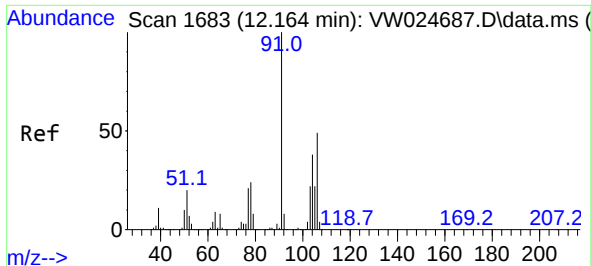
Tgt Ion: 91 Resp: 1084683
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 26.672 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion: 106 Resp: 418406
Ion Ratio Lower Upper
106 100
91 212.3 146.8 272.6

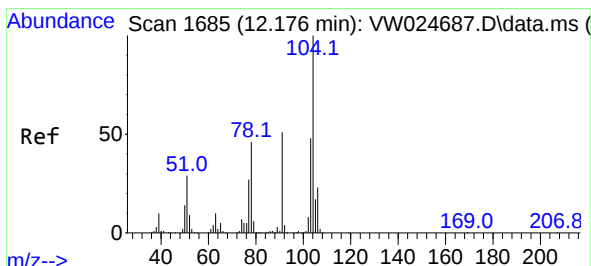
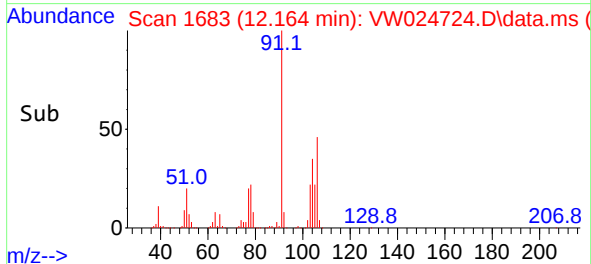
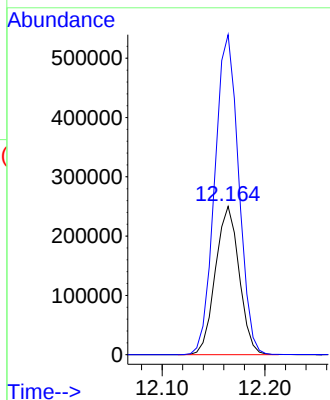
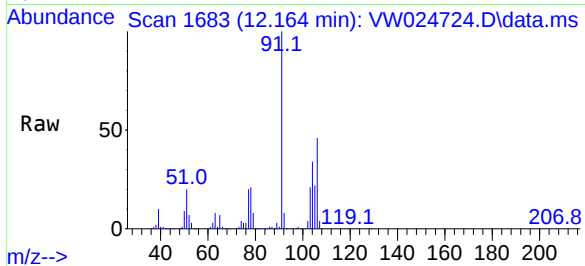




#54
o-Xylene
Concen: 27.057 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

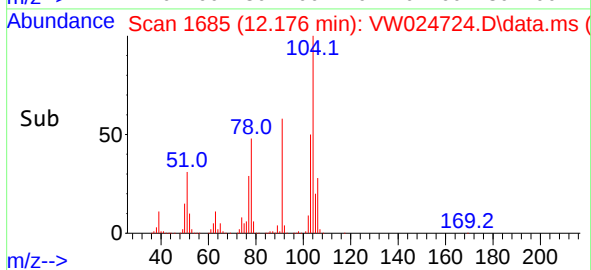
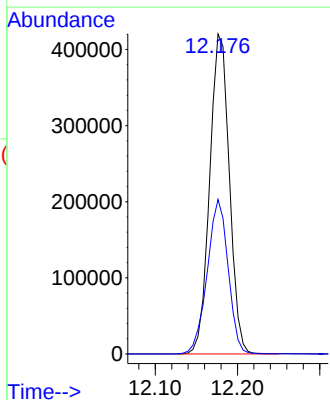
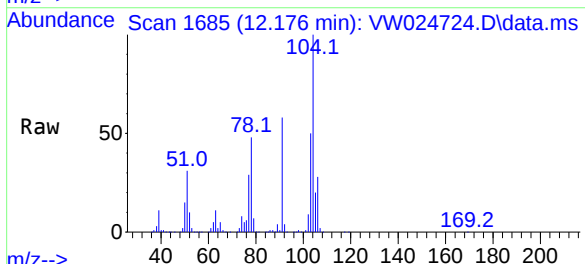
Instrument :
MSVOA_W
ClientSampleId :

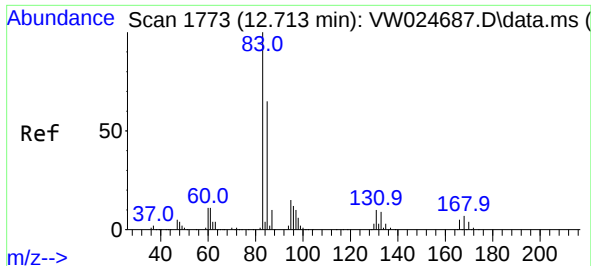
Tgt Ion:106 Resp: 400818
Ion Ratio Lower Upper
106 100
91 215.6 146.3 271.7



#55
Styrene
Concen: 28.000 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion:104 Resp: 699248
Ion Ratio Lower Upper
104 100
78 48.3 33.5 62.1



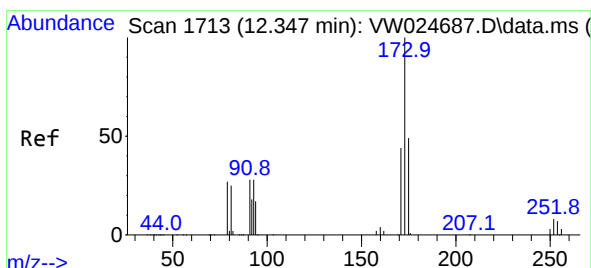
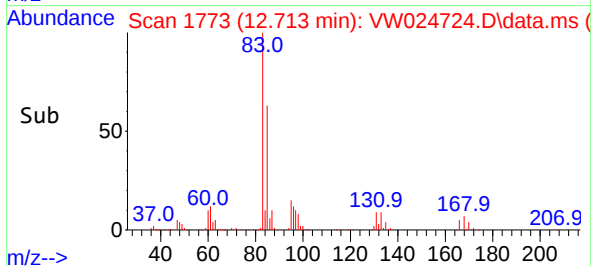
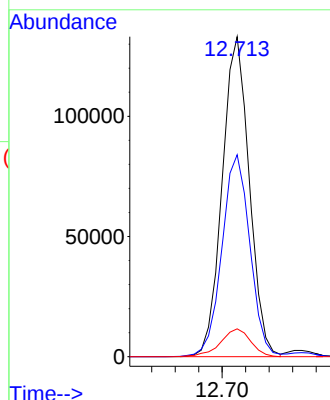
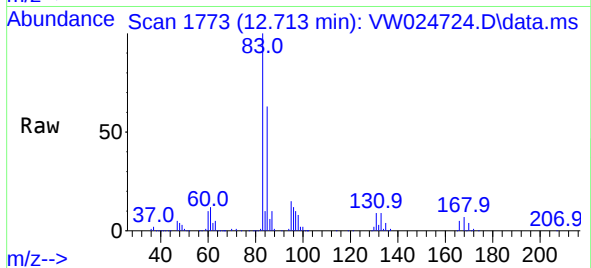


#57
1,1,2-Tetrachloroethane
Concen: 30.554 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 213057

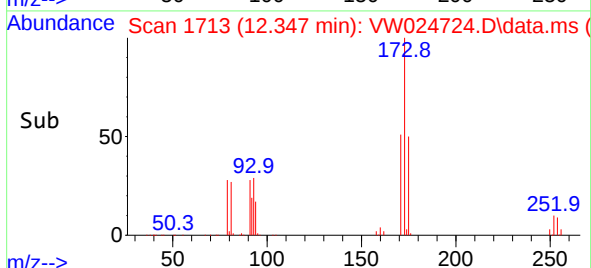
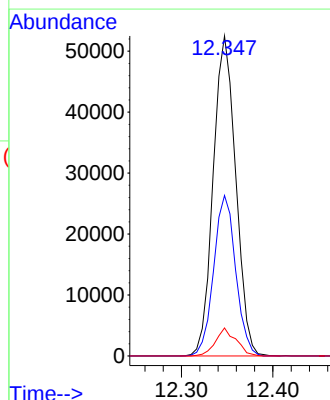
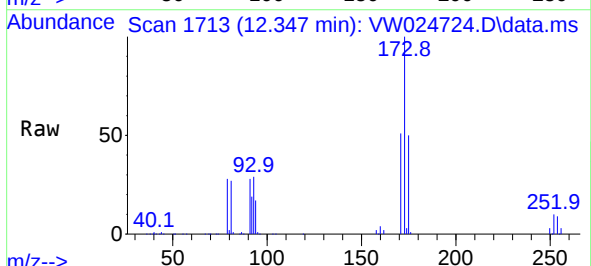
Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.2	84.0
131	8.7	7.3	10.9

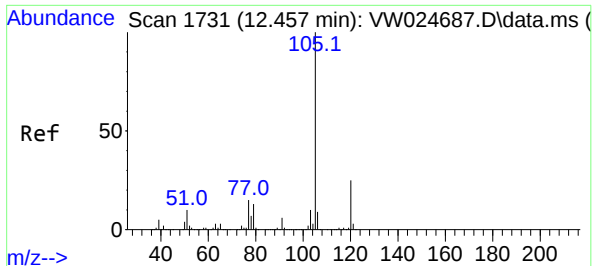


#59
Bromoform
Concen: 26.449 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion: 173 Resp: 90276

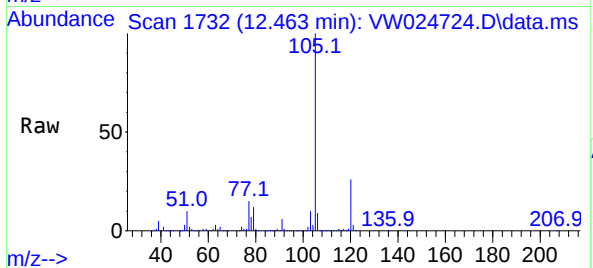
Ion	Ratio	Lower	Upper
173	100		
175	48.8	37.7	56.5
254	7.9	6.7	10.1



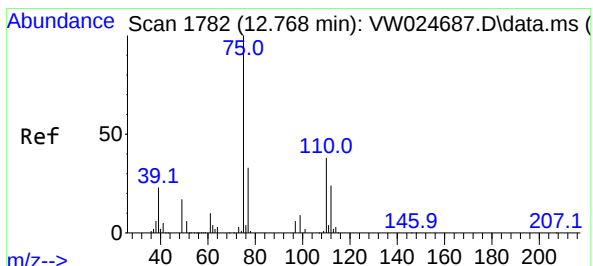
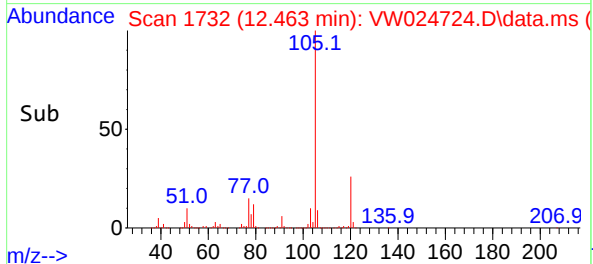
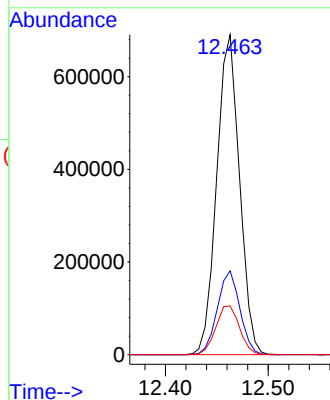


#60
Isopropylbenzene
Concen: 27.000 ug/L
RT: 12.463 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

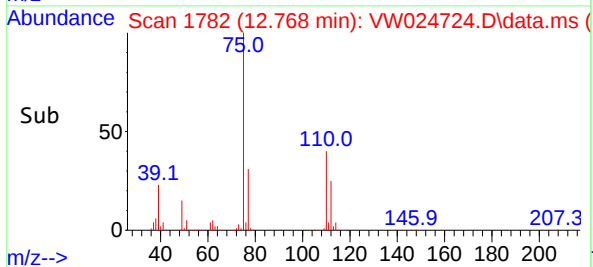
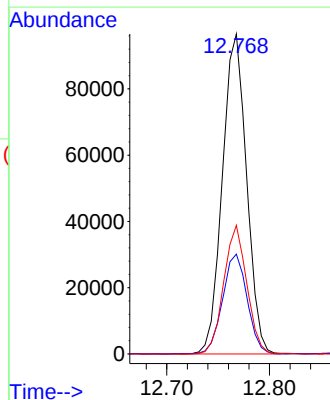
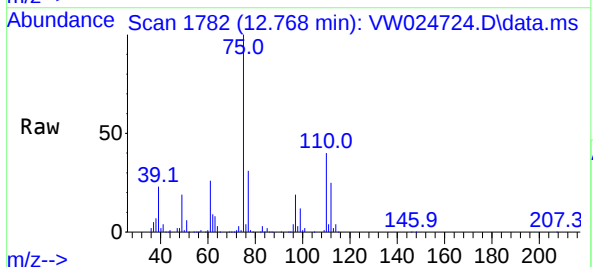


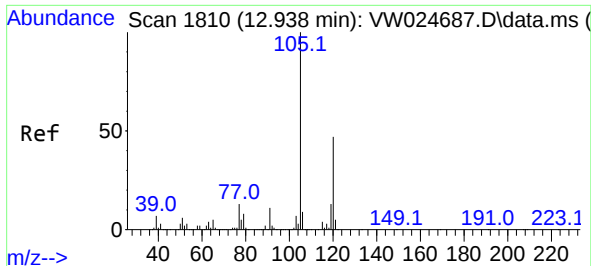
Tgt Ion:105 Resp: 1062596
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 30.332 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

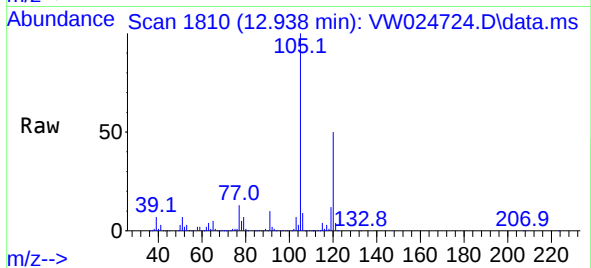
Tgt Ion: 75 Resp: 157767
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 38.2 29.2 43.8



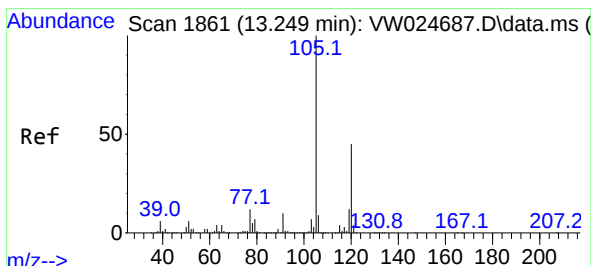
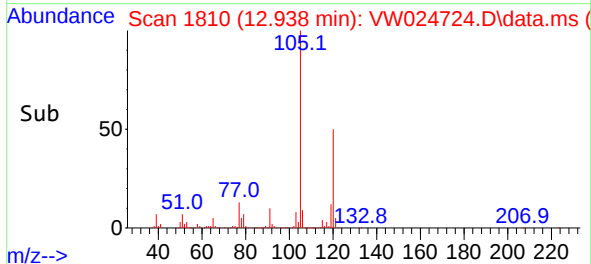
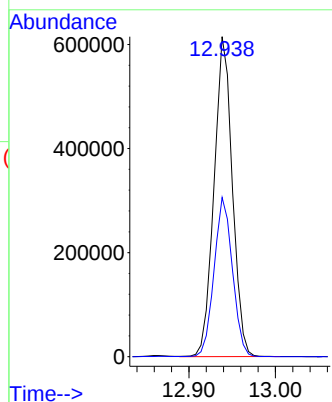


#62
1,3,5-Trimethylbenzene
Concen: 26.386 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

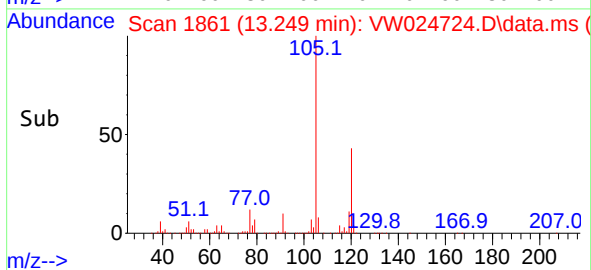
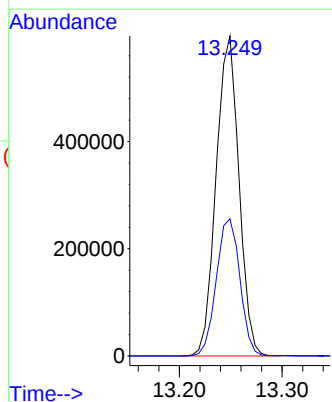
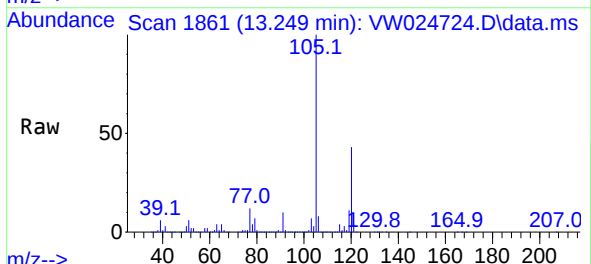


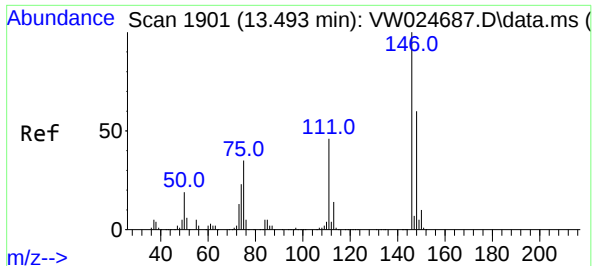
Tgt Ion:105 Resp: 902552
Ion Ratio Lower Upper
105 100
120 49.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 27.455 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

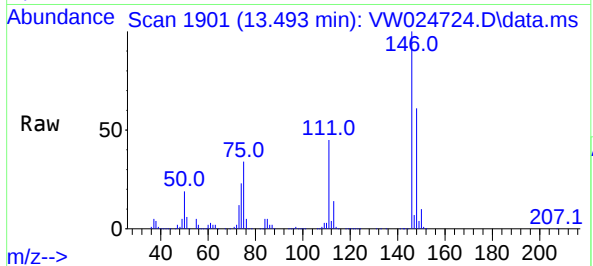
Tgt Ion:105 Resp: 919988
Ion Ratio Lower Upper
105 100
120 44.3 35.2 52.8



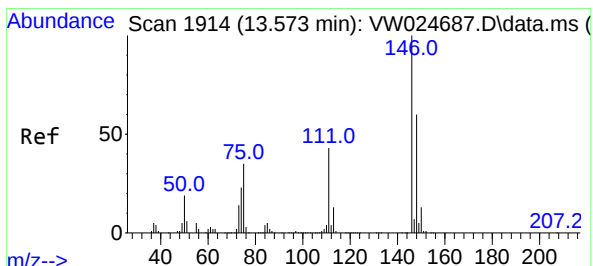
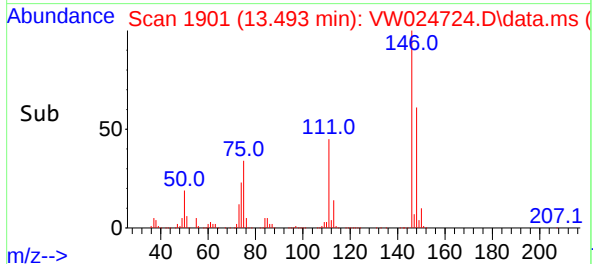
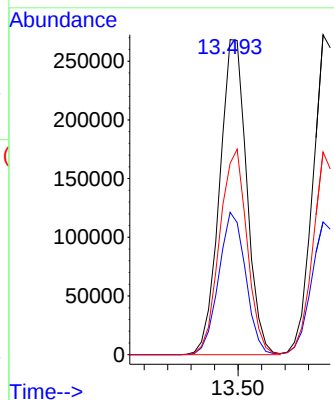


#64
1,3-Dichlorobenzene
Concen: 26.948 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

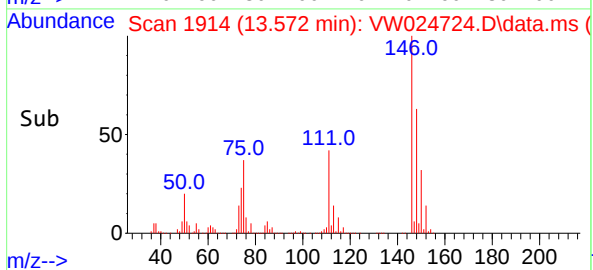
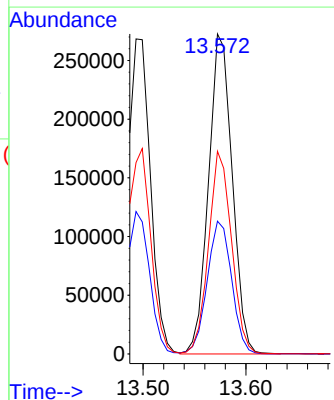
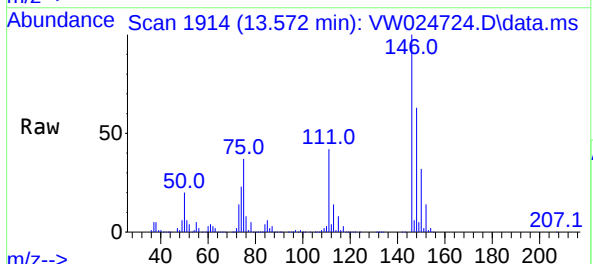


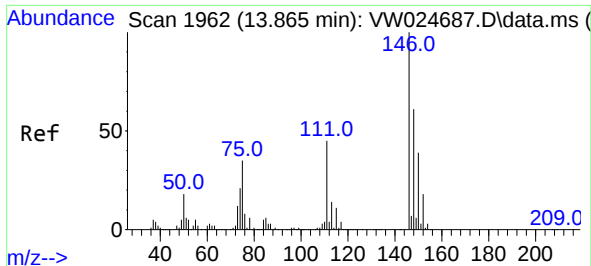
Tgt Ion:146 Resp: 430851
Ion Ratio Lower Upper
146 100
111 45.2 31.6 58.6
148 60.7 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 28.076 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

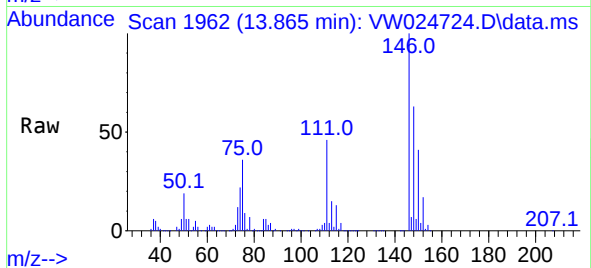
Tgt Ion:146 Resp: 436981
Ion Ratio Lower Upper
146 100
111 41.5 29.4 54.6
148 63.4 39.6 73.6



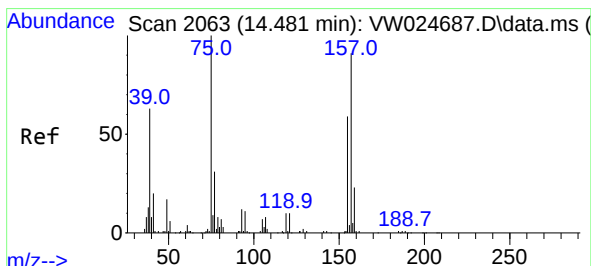
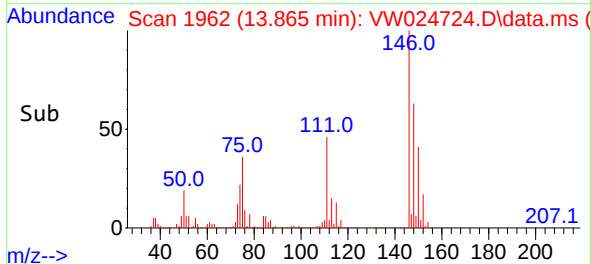
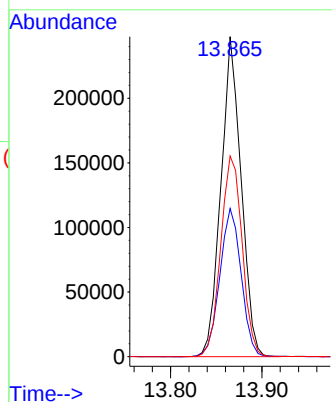


#67
1,2-Dichlorobenzene
Concen: 27.384 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

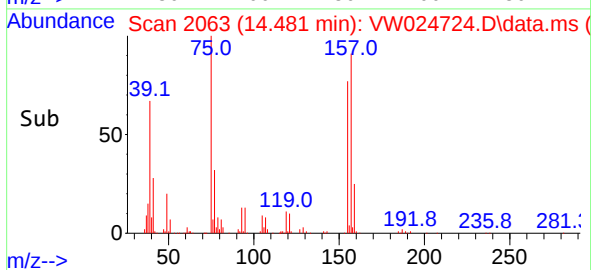
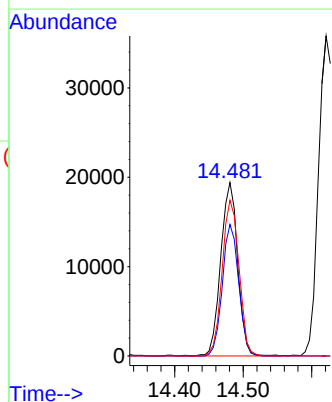
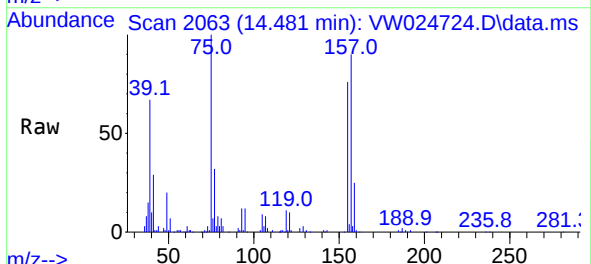


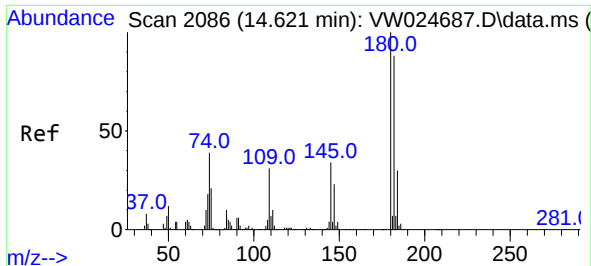
Tgt Ion:146 Resp: 381356
Ion Ratio Lower Upper
146 100
111 46.3 37.2 55.8
148 62.7 53.0 79.6



#68
1,2-Dibromo-3-chloropropane
Concen: 27.006 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion: 75 Resp: 33218
Ion Ratio Lower Upper
75 100
155 75.8 57.6 86.4
157 89.8 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 26.222 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

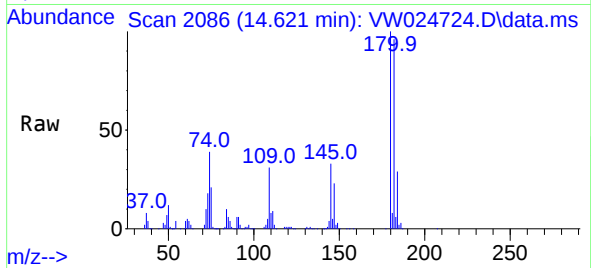
Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 278373

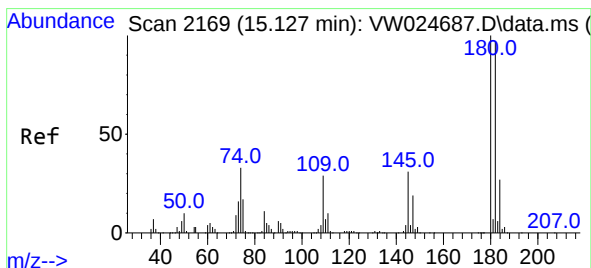
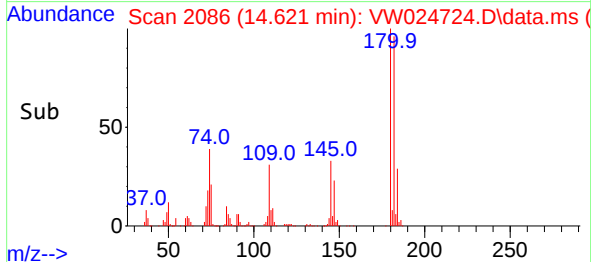
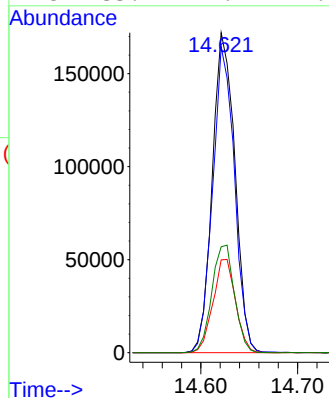
Ion Ratio Lower Upper

180 100

182 92.5 77.1 115.7

184 29.2 23.3 34.9

145 33.7 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 26.618 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024724.D

Acq: 04 Oct 2022 19:08

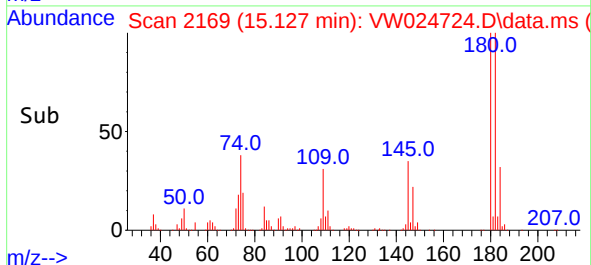
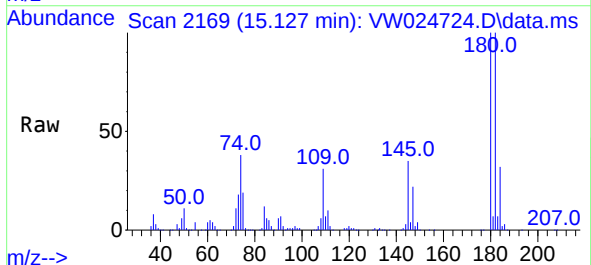
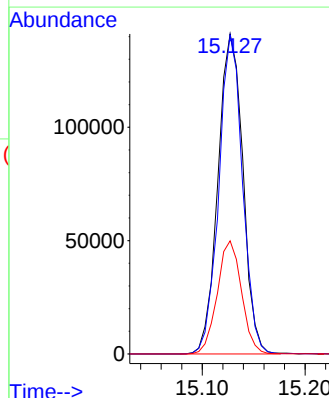
Tgt Ion:180 Resp: 237388

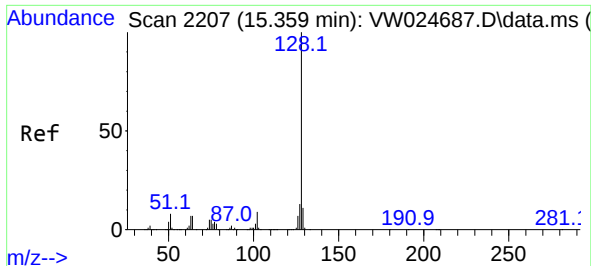
Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

145 34.4 29.0 43.4

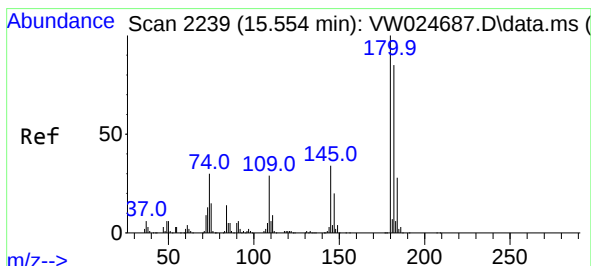
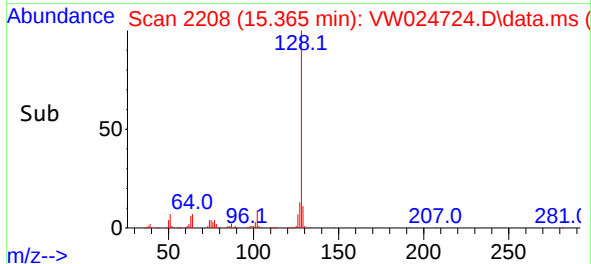
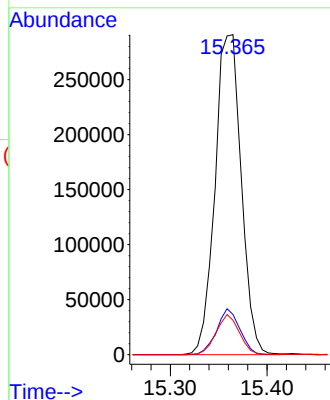
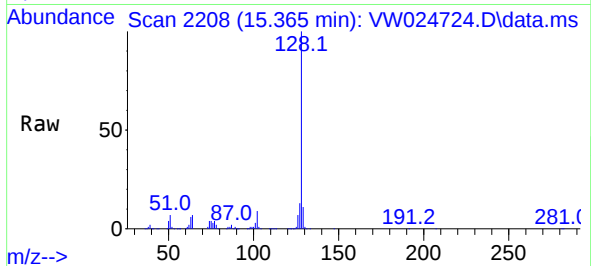




#71
Naphthalene
Concen: 28.197 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 547552
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.1 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 27.466 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024724.D
Acq: 04 Oct 2022 19:08

Tgt Ion:180 Resp: 208472
Ion Ratio Lower Upper
180 100
182 90.8 77.4 116.2
145 35.5 30.6 45.8

