

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022758.D
 Acq On : 02 May 2022 22:41
 Operator : SY/VA
 Sample : N2638-11MSD
 Misc : 5.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 01:47:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:41:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	332648	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	327267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	177183	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	154563	22.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
7) Chloroethane-d5	2.885	69	110246	24.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.320%
11) 1,1-Dichloroethene-d2	4.019	63	186901	21.195	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.760%
21) 2-Butanone-d5	7.080	46	72267	55.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.380%
24) Chloroform-d	7.647	84	236455	24.262	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.305	65	137376	25.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	8.275	84	448496	23.776	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.274	67	133789	25.249	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.323	98	438935	24.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	10.573	79	60675	24.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.480%
47) 2-Hexanone-d5	10.920	63	61469	60.768	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	138936	28.131	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	154269	24.907	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	51155	28.210	ug/L	90
3) Chloromethane	2.215	50	79821	22.779	ug/L	99
5) Vinyl chloride	2.361	62	161310	22.938	ug/L	98
6) Bromomethane	2.776	94	100353	22.225	ug/L	91
8) Chloroethane	2.916	64	81562	24.046	ug/L	98
9) Trichlorofluoromethane	3.251	101	58612	18.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	101257	21.068	ug/L	96
12) 1,1-Dichloroethene	4.044	96	91780	21.542	ug/L	93
13) Acetone	4.123	43	66256	68.200	ug/L	99
14) Carbon disulfide	4.379	76	241932	20.713	ug/L	98
15) Methyl Acetate	4.665	43	53556	27.440	ug/L	99
16) Methylene chloride	4.921	84	113722	23.364	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	105507	22.006	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	183878	25.123	ug/L	99
19) 1,1-Dichloroethane	6.214	63	188202	23.161	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	118099	22.933	ug/L	# 100
22) 2-Butanone	7.171	43	81069	59.669	ug/L	98
23) Bromochloromethane	7.512	128	57205	23.720	ug/L	88
25) Chloroform	7.677	83	214466	23.869	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:41:22 2022
 Response via : Initial Calibration

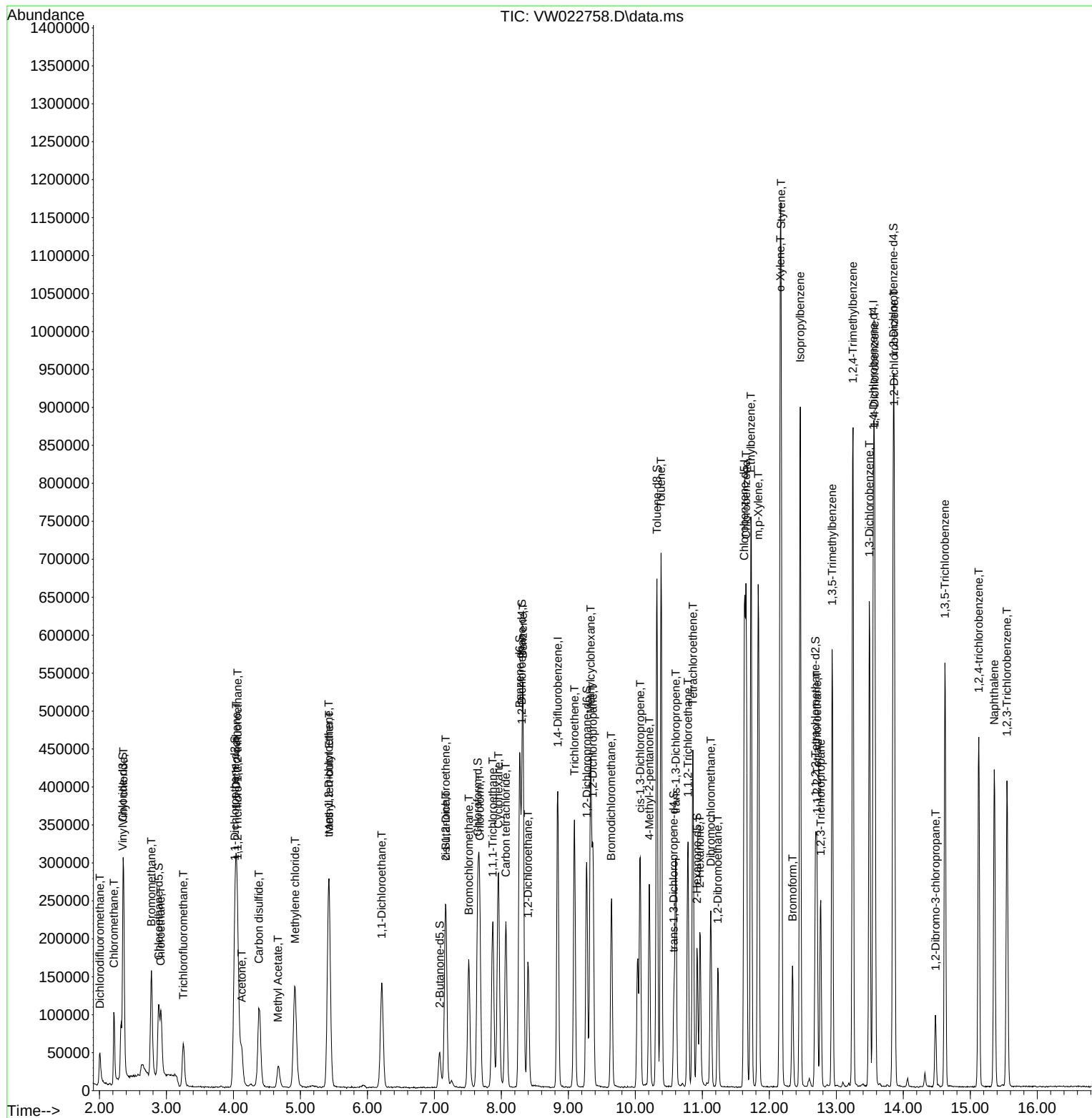
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	149007	24.878	ug/L	100
29) Cyclohexane	7.958	56	154268	21.796	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	173247	22.401	ug/L	99
31) Carbon tetrachloride	8.067	117	156830	21.678	ug/L	99
33) Benzene	8.323	78	443433	23.000	ug/L	100
34) Trichloroethene	9.091	95	119975	22.628	ug/L	96
35) Methylcyclohexane	9.335	83	185840	21.336	ug/L	98
37) 1,2-Dichloropropane	9.366	63	110368	23.656	ug/L	100
38) Bromodichloromethane	9.640	83	159421	24.057	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	175882	24.312	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	162537	55.272	ug/L	99
42) Toluene	10.384	91	498324	23.064	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	160897	24.918	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	97443	24.984	ug/L	96
46) Tetrachloroethene	10.859	164	91394	22.937	ug/L	84
48) 2-Hexanone	10.963	43	126732	64.500	ug/L	97
49) Dibromochloromethane	11.128	129	118124	25.164	ug/L	95
50) 1,2-Dibromoethane	11.231	107	100961	25.779	ug/L	99
51) Chlorobenzene	11.652	112	321185	22.548	ug/L	96
52) Ethylbenzene	11.725	91	539606	22.448	ug/L	99
53) m,p-Xylene	11.835	106	215085	22.709	ug/L	98
54) o-Xylene	12.164	106	211239	23.242	ug/L	98
55) Styrene	12.176	104	377118	24.418	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	127594	26.192	ug/L	99
59) Bromoform	12.347	173	65456	26.068	ug/L	99
60) Isopropylbenzene	12.463	105	560794	23.103	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	97639	27.579	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	304995	22.585	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	465290	22.947	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	253330	23.376	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	255418	22.818	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	241606	24.363	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	21443	27.714	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	158529	22.037	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	137397	23.744	ug/L	98
71) Naphthalene	15.359	128	352772	28.048	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	121322	23.655	ug/L	99

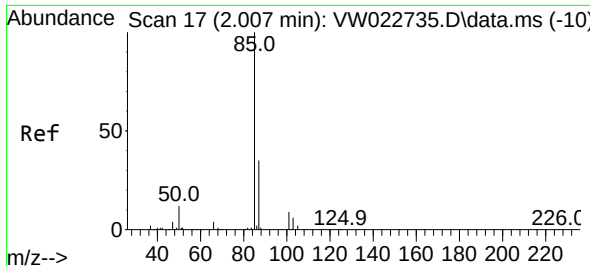
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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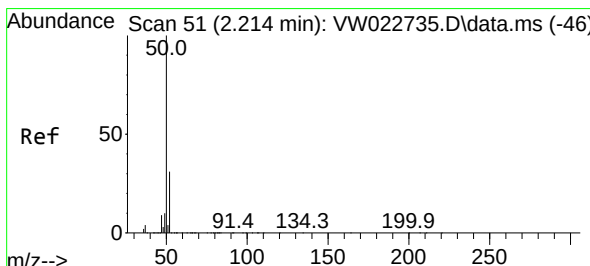
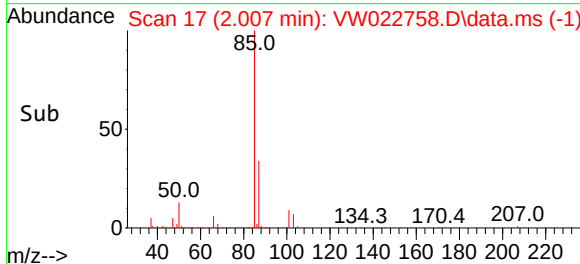
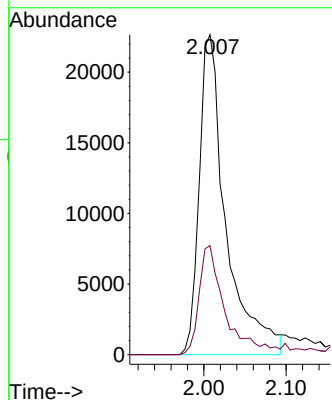
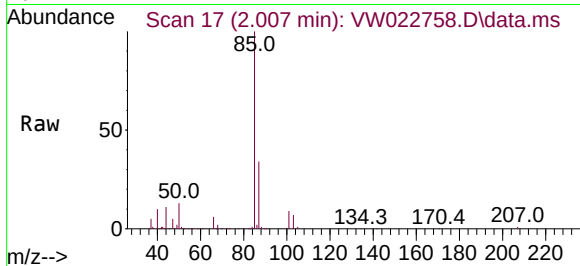




#2
Dichlorodifluoromethane
Concen: 28.210 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

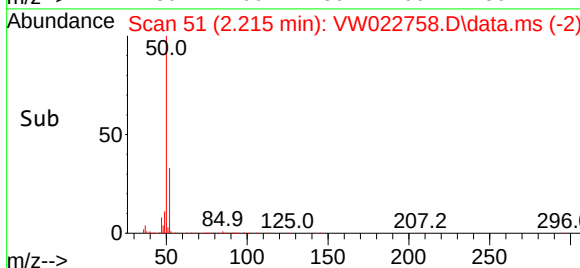
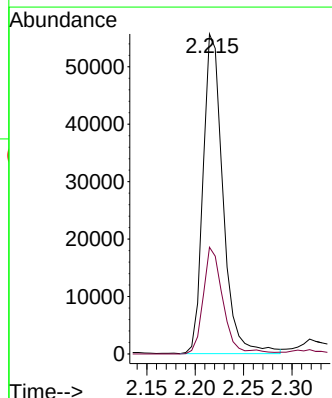
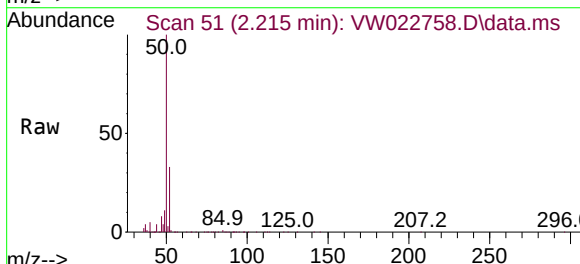
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MSVOA_W
ClientSampleId :

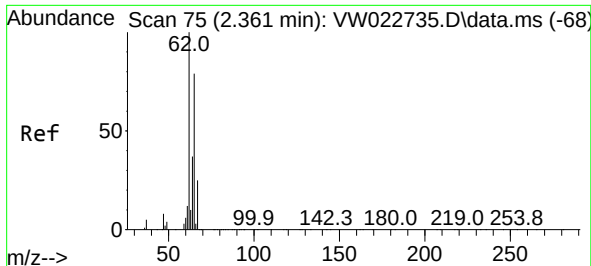
Tgt Ion: 85 Resp: 51155
Ion Ratio Lower Upper
85 100
87 29.0 27.8 41.8



#3
Chloromethane
Concen: 22.779 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion: 50 Resp: 79821
Ion Ratio Lower Upper
50 100
52 33.4 23.1 42.9

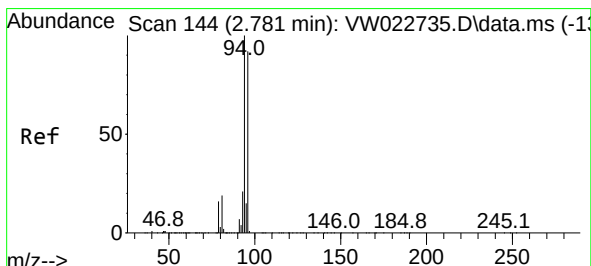
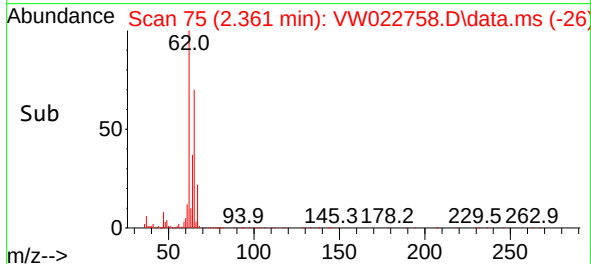
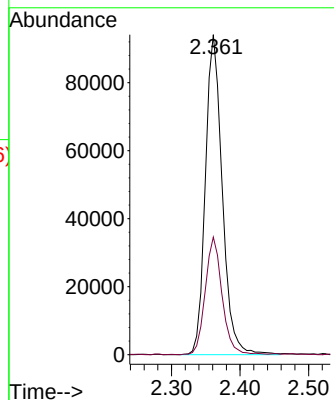
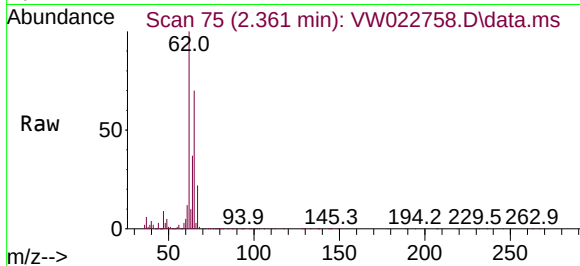




#5
 Vinyl chloride
 Concen: 22.938 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022758.D
 Acq: 02 May 2022 22:41

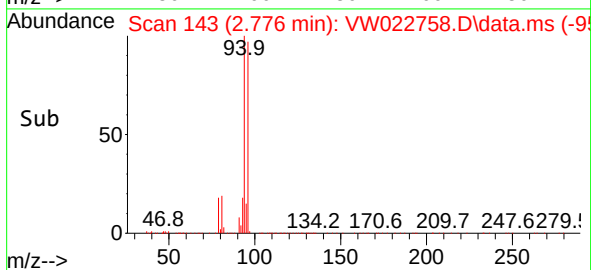
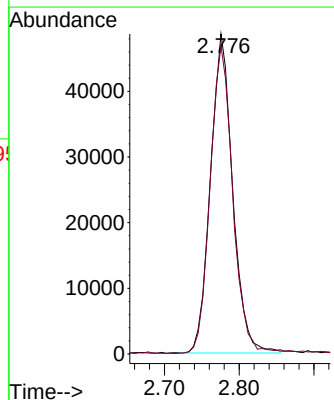
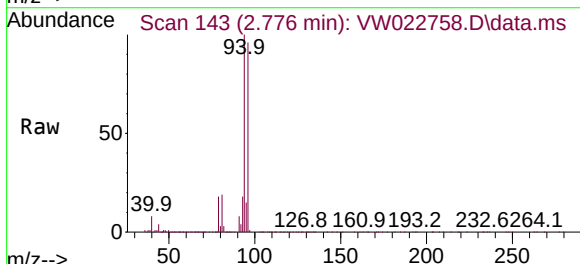
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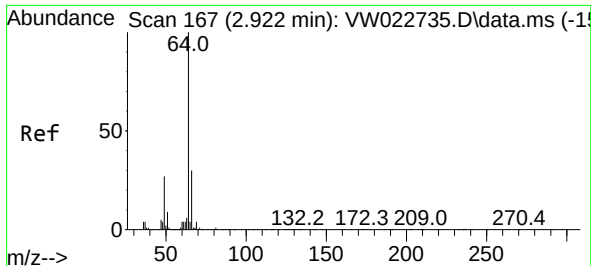
Tgt Ion: 62 Resp: 161310
 Ion Ratio Lower Upper
 62 100
 64 36.8 24.9 46.3



#6
 Bromomethane
 Concen: 22.225 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022758.D
 Acq: 02 May 2022 22:41

Tgt Ion: 94 Resp: 100353
 Ion Ratio Lower Upper
 94 100
 96 96.2 61.7 114.5

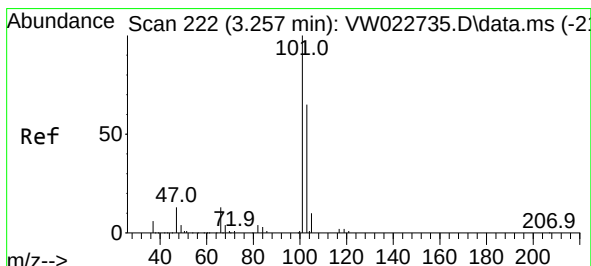
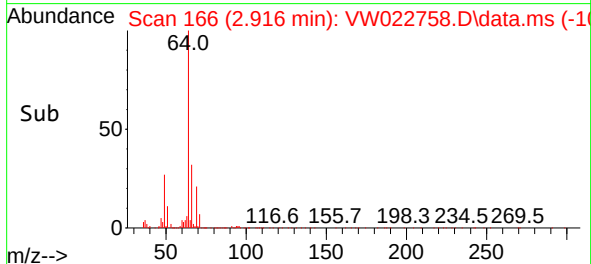
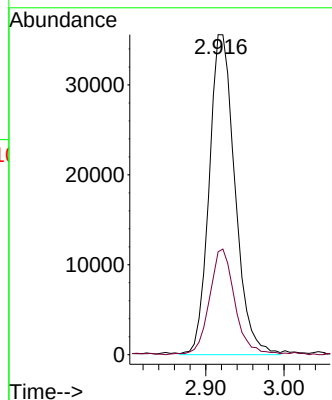
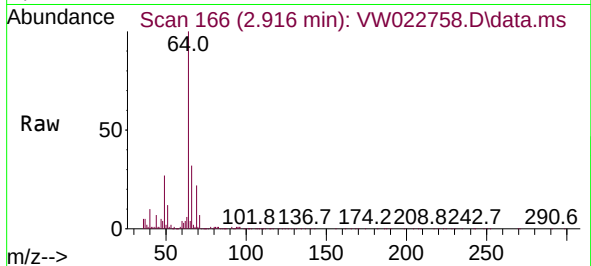




#8
Chloroethane
Concen: 24.046 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

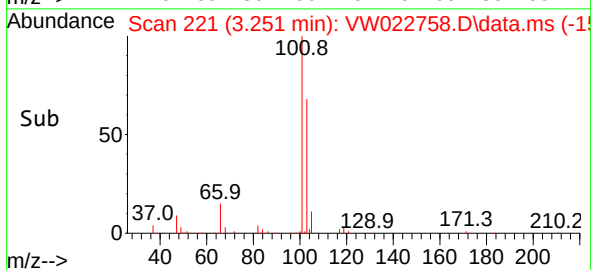
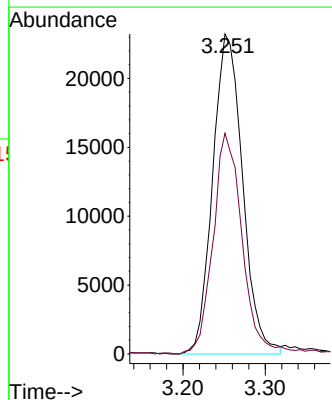
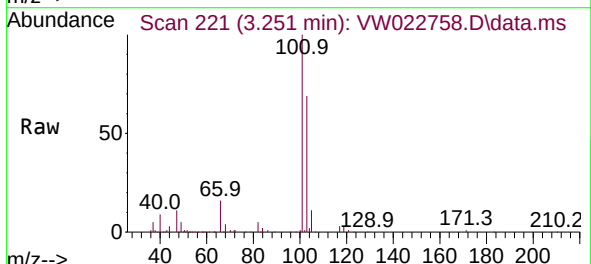
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MSVOA_W
ClientSampleId :

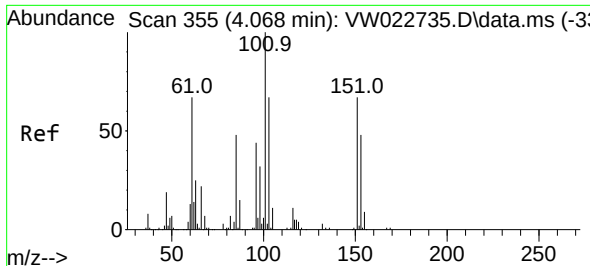
Tgt Ion: 64 Resp: 81562
Ion Ratio Lower Upper
64 100
66 32.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.235 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion: 101 Resp: 58612
Ion Ratio Lower Upper
101 100
103 66.9 53.9 80.9

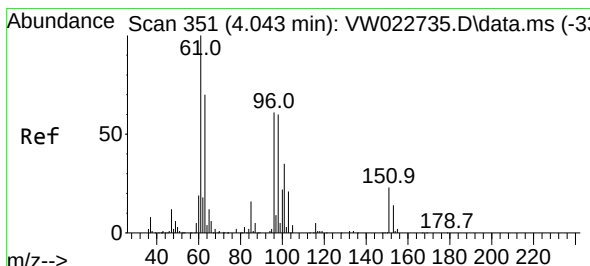
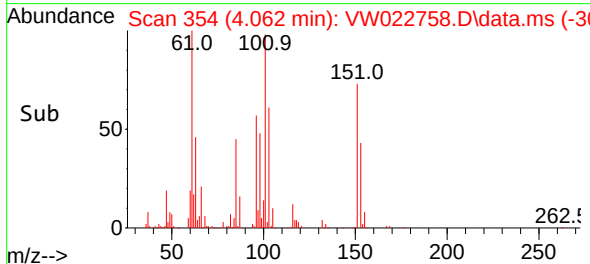
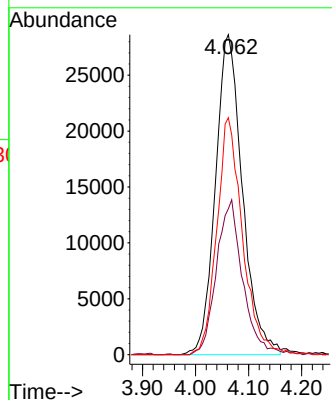
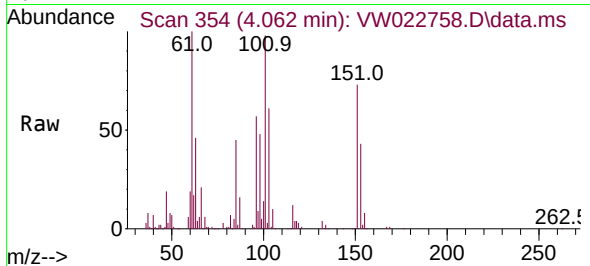




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.068 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022758.D
 Acq: 02 May 2022 22:41

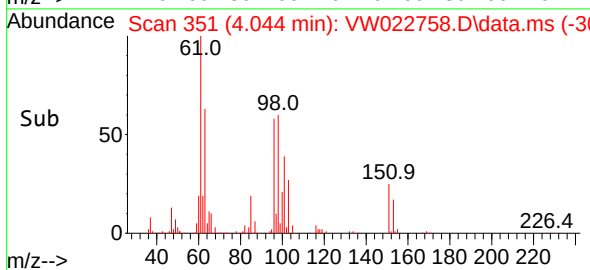
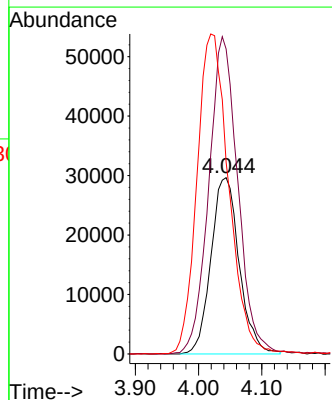
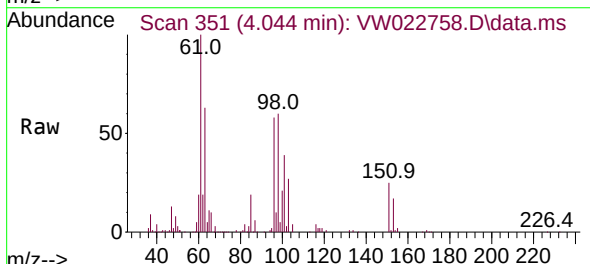
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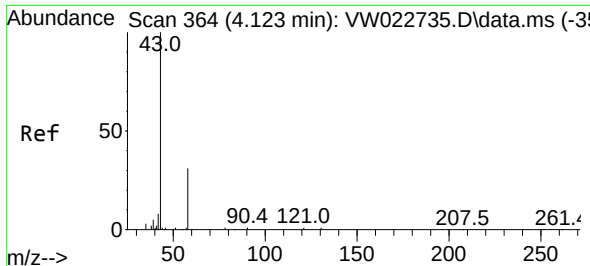
Tgt Ion:101 Resp: 101257
 Ion Ratio Lower Upper
 101 100
 85 46.0 34.3 51.5
 151 70.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.542 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022758.D
 Acq: 02 May 2022 22:41

Tgt Ion: 96 Resp: 91780
 Ion Ratio Lower Upper
 96 100
 61 172.9 125.7 233.5
 63 108.6 83.4 155.0

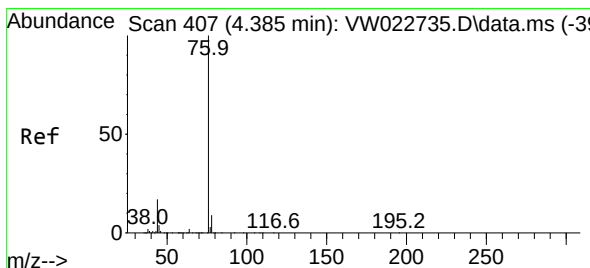
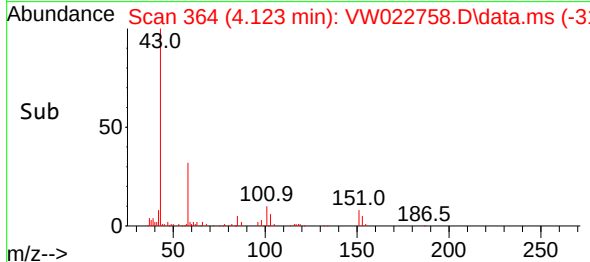
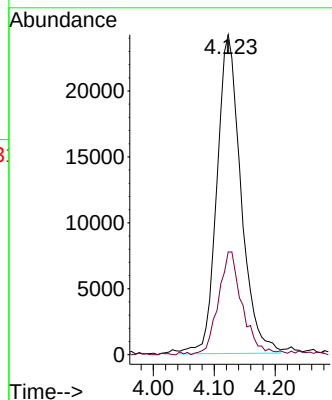
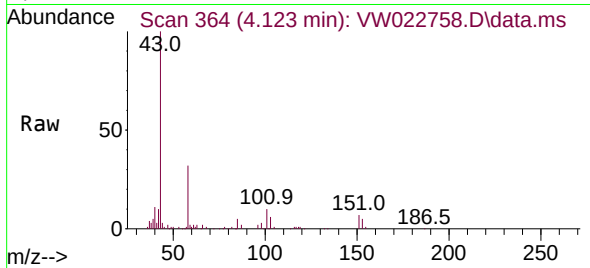




#13
Acetone
Concen: 68.200 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

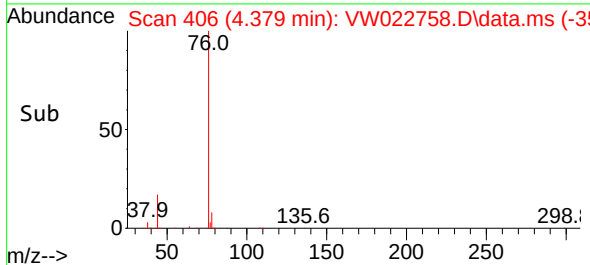
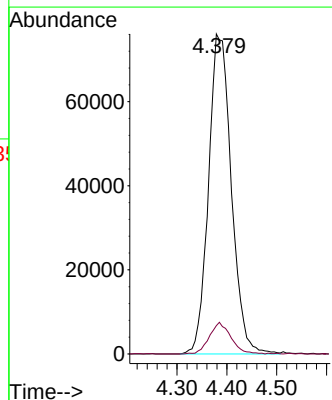
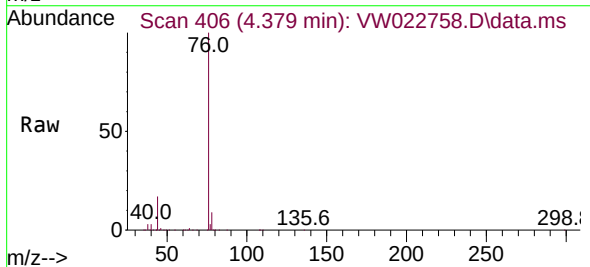
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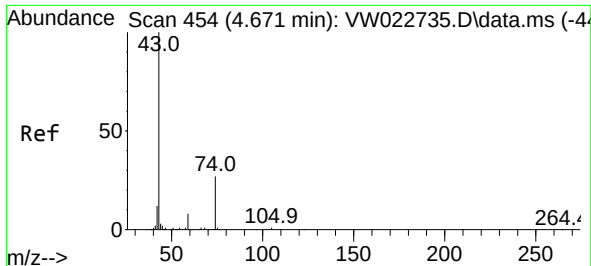
Tgt Ion: 43 Resp: 66256
Ion Ratio Lower Upper
43 100
58 31.5 0.0 64.0



#14
Carbon disulfide
Concen: 20.713 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 241932
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

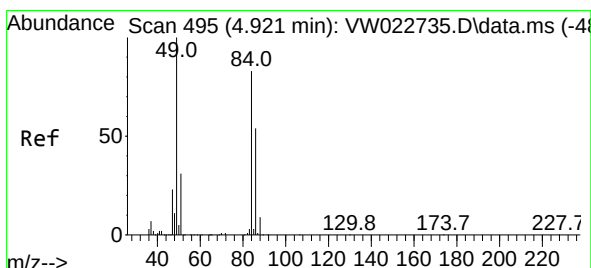
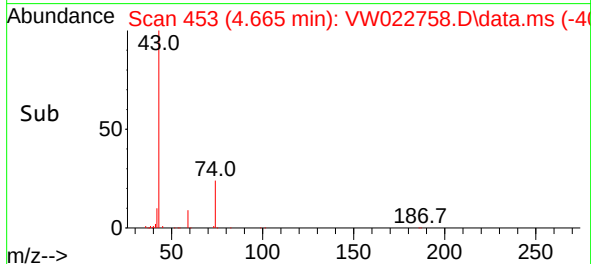
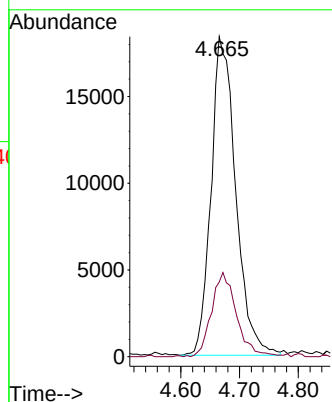
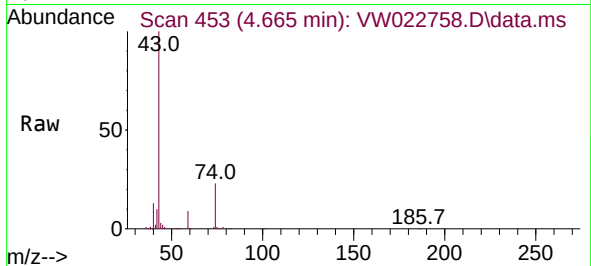




#15
Methyl Acetate
Concen: 27.440 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

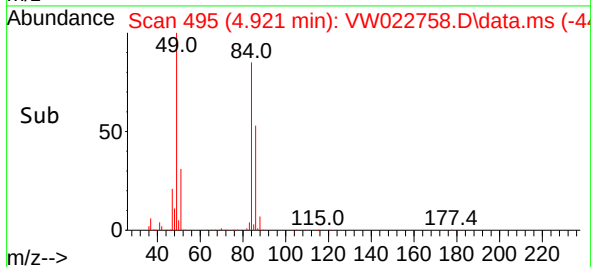
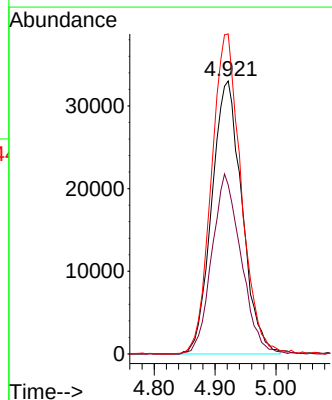
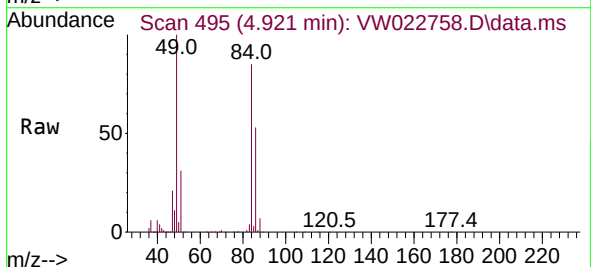
Instrument :
MSVOA_W
ClientSampleId :

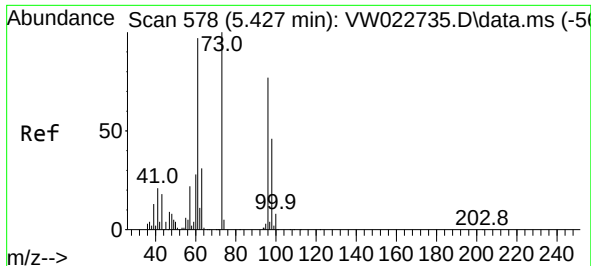
Tgt Ion: 43 Resp: 53556
Ion Ratio Lower Upper
43 100
74 26.7 21.9 32.9



#16
Methylene chloride
Concen: 23.364 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion: 84 Resp: 113722
Ion Ratio Lower Upper
84 100
86 61.9 45.4 84.4
49 117.2 82.5 153.1

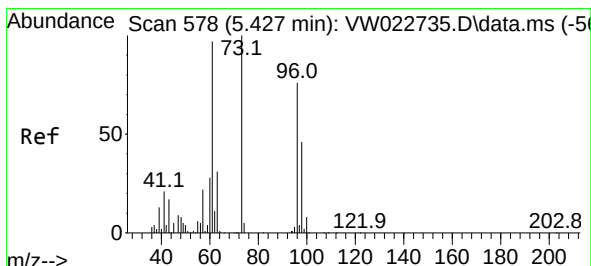
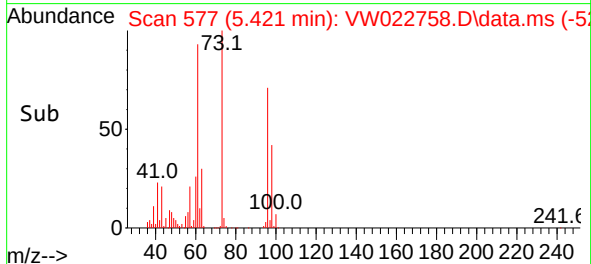
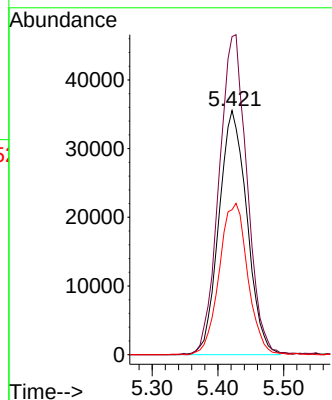
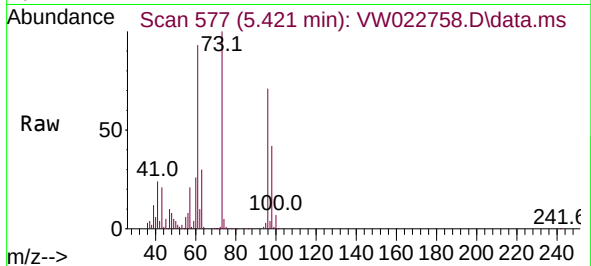




#17
trans-1,2-Dichloroethene
Concen: 22.006 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

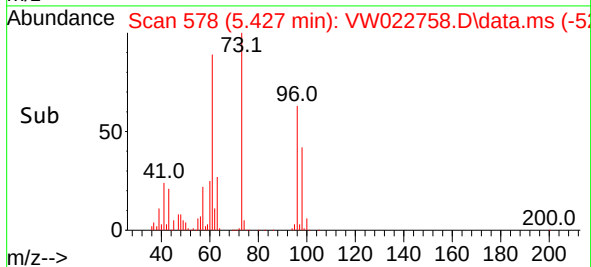
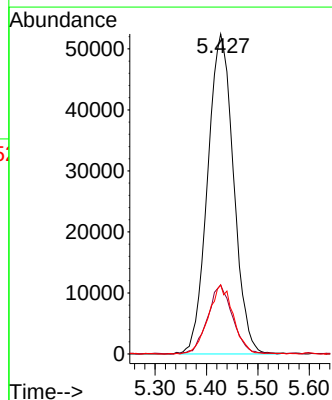
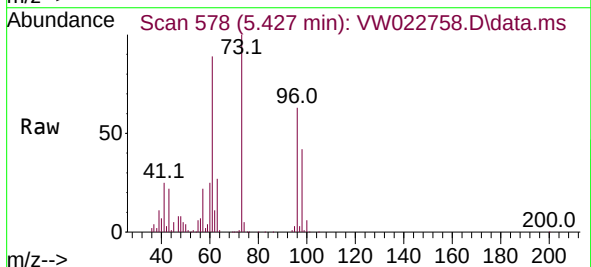
Instrument :
MSVOA_W
ClientSampleId :

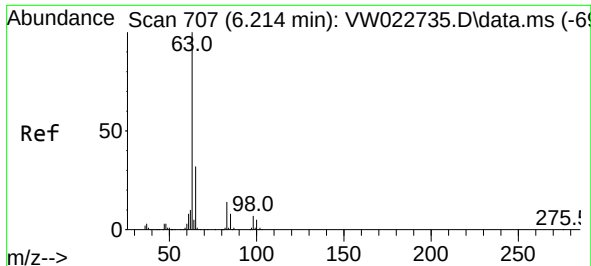
Tgt Ion: 96 Resp: 105507
Ion Ratio Lower Upper
96 100
61 130.3 92.2 171.2
98 59.4 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.123 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion: 73 Resp: 183878
Ion Ratio Lower Upper
73 100
43 20.5 15.9 23.9
57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.161 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

ClientSampleId :

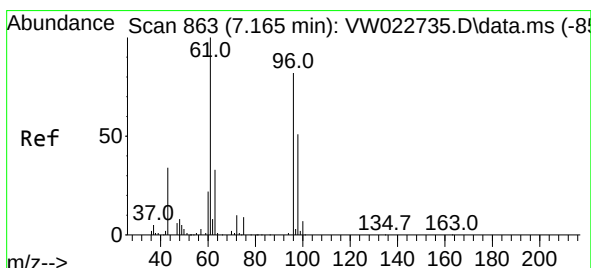
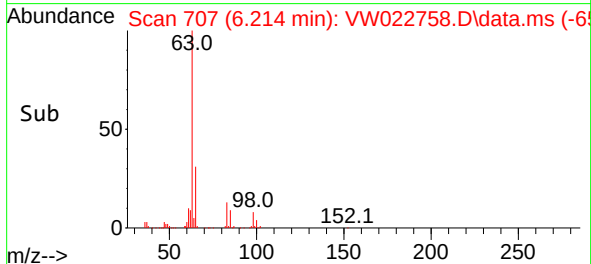
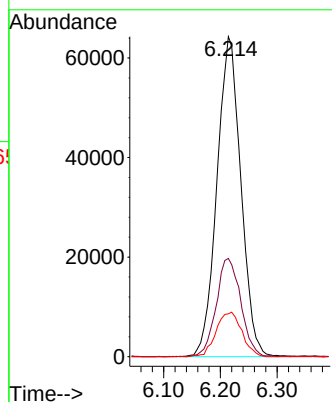
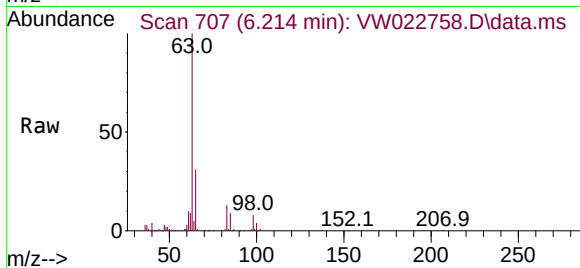
Tgt Ion: 63 Resp: 188202

Ion Ratio Lower Upper

63 100

65 30.7 23.3 43.3

83 13.4 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 22.933 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

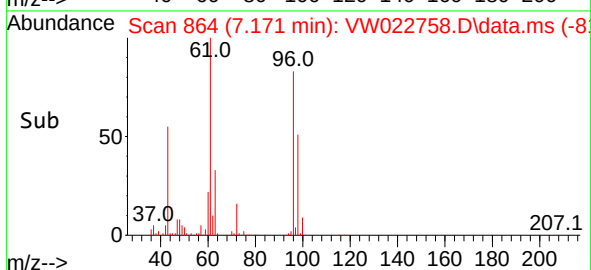
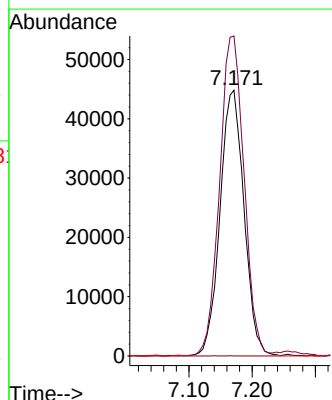
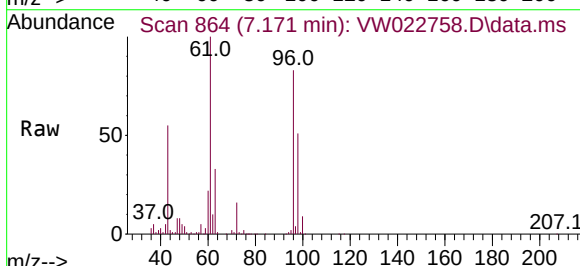
Tgt Ion: 96 Resp: 118099

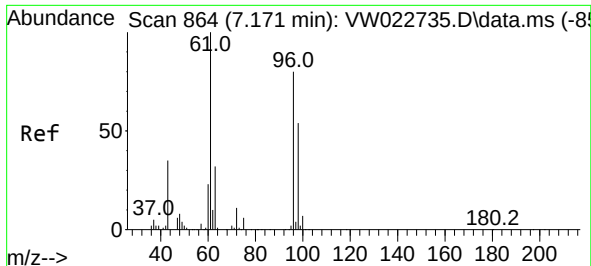
Ion Ratio Lower Upper

96 100

61 120.4 84.2 156.4

68 0.0 0.1 0.1#

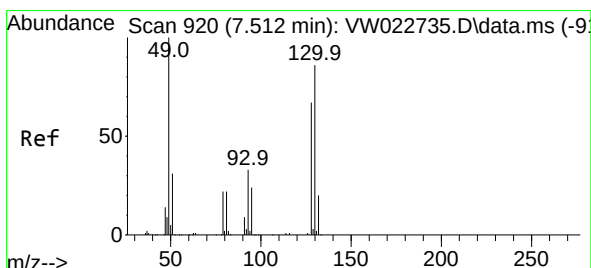
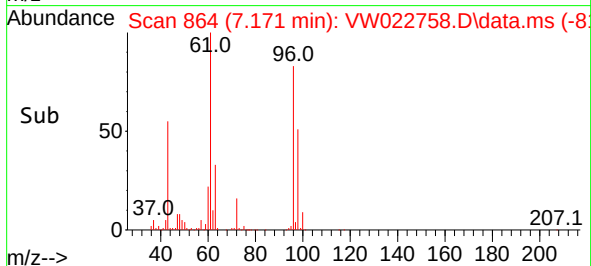
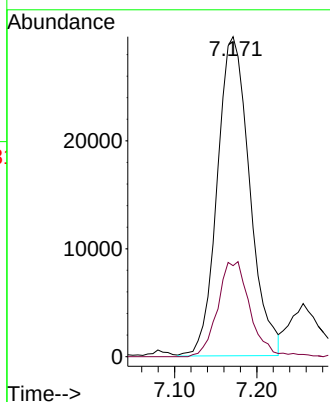
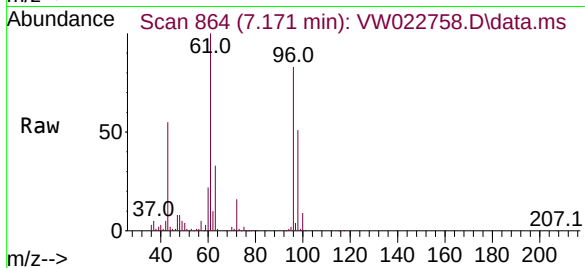




#22
2-Butanone
Concen: 59.669 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

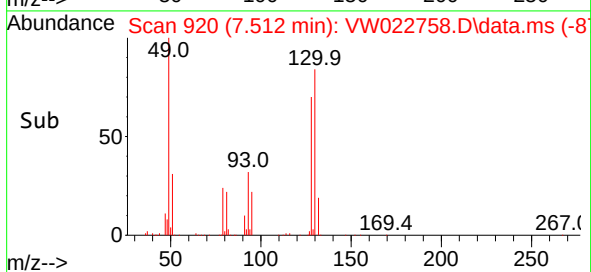
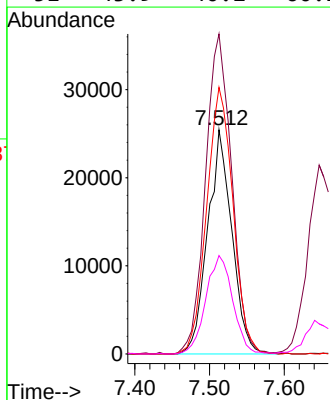
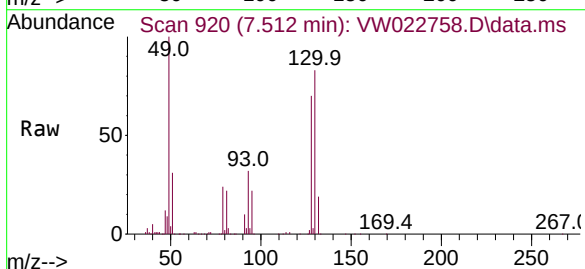
Instrument :
MSVOA_W
ClientSampleId :

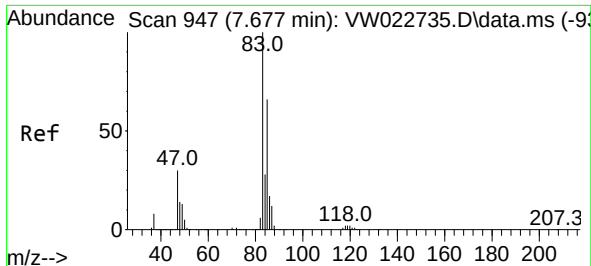
Tgt Ion: 43 Resp: 81069
Ion Ratio Lower Upper
43 100
72 29.1 15.1 45.3



#23
Bromochloromethane
Concen: 23.720 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

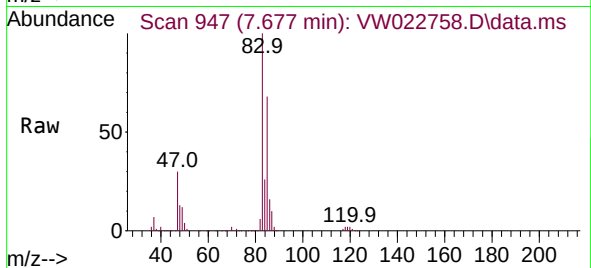
Tgt Ion: 128 Resp: 57205
Ion Ratio Lower Upper
128 100
49 142.8 110.0 204.4
130 118.9 94.8 176.0
51 43.9 40.2 60.2



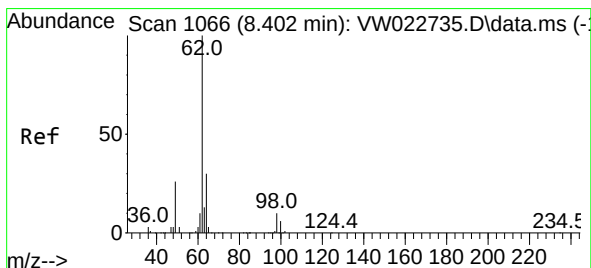
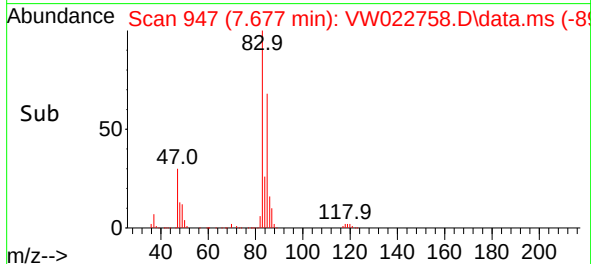
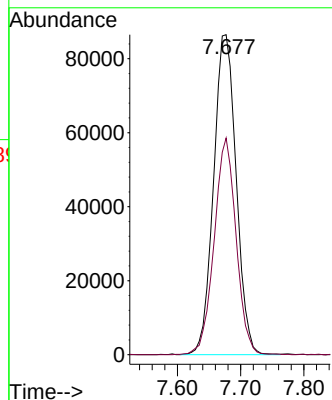


#25
Chloroform
Concen: 23.869 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Instrument :
MSVOA_W
ClientSampleId :

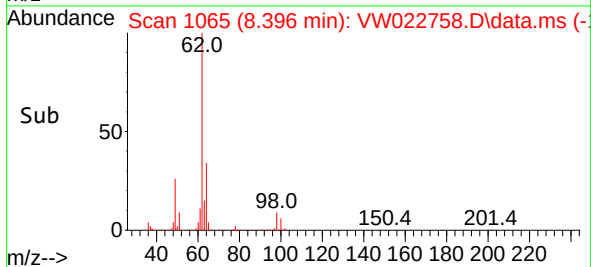
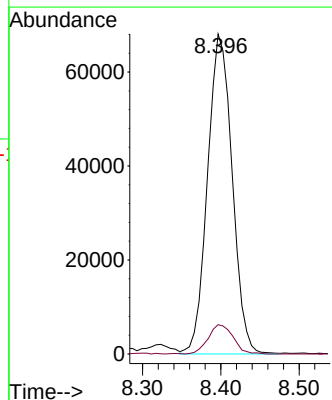
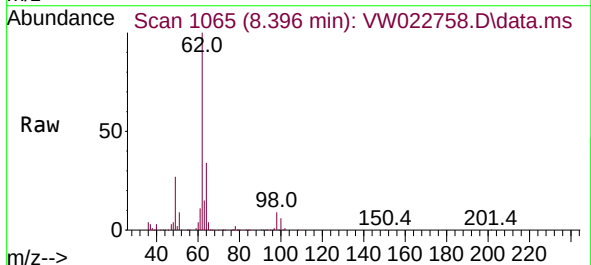


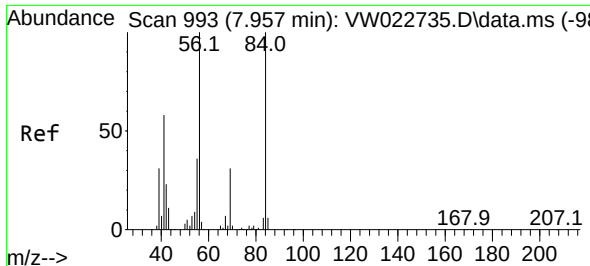
Tgt Ion: 83 Resp: 214466
Ion Ratio Lower Upper
83 100
85 67.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.878 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion: 62 Resp: 149007
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8





#29

Cyclohexane

Concen: 21.796 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

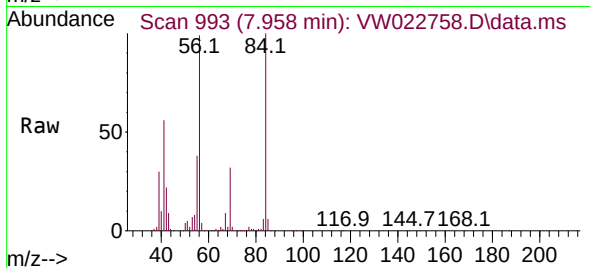
Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

ClientSampleId :



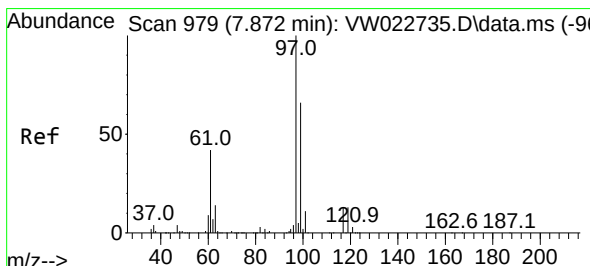
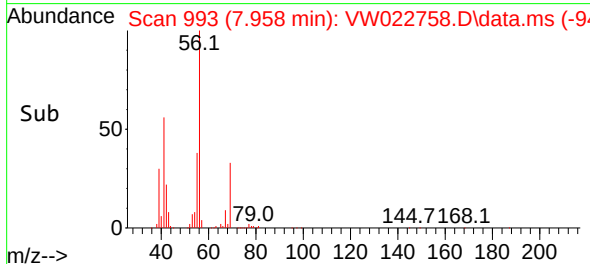
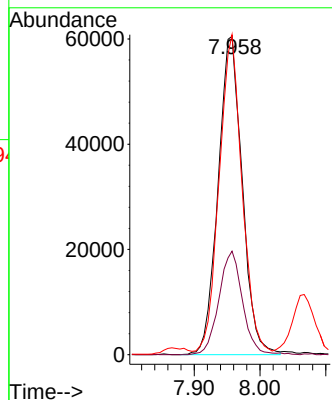
Tgt Ion: 56 Resp: 154268

Ion Ratio Lower Upper

56 100

69 31.7 25.6 38.4

84 96.2 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 22.401 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

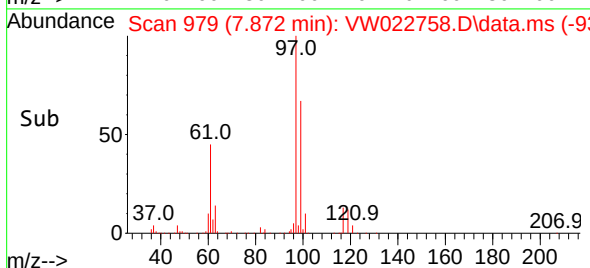
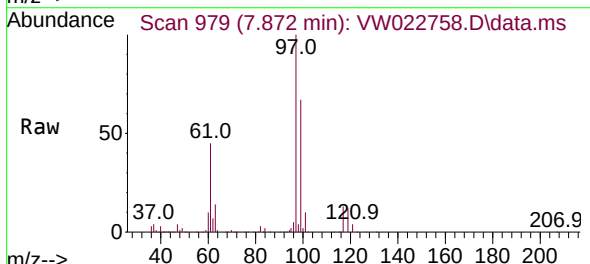
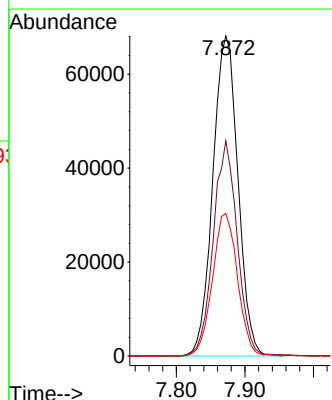
Tgt Ion: 97 Resp: 173247

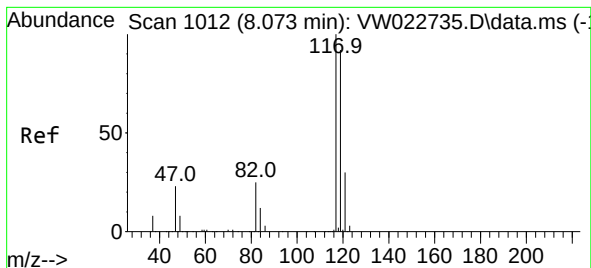
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 44.3 34.8 52.2





#31

Carbon tetrachloride

Concen: 21.678 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

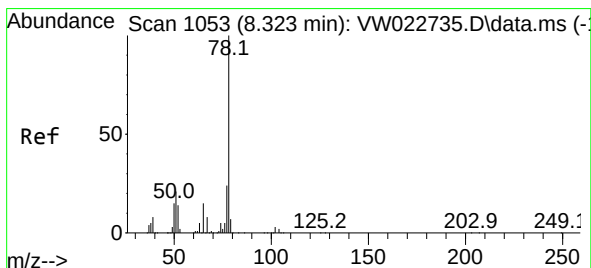
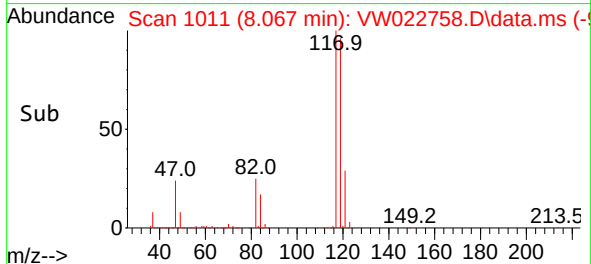
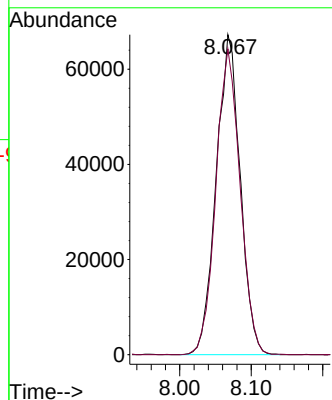
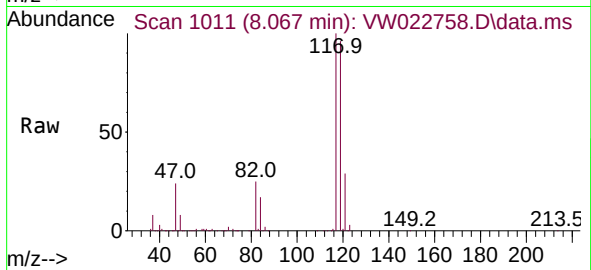
ClientSampleId :

Tgt Ion:117 Resp: 156830

Ion Ratio Lower Upper

117 100

119 96.6 76.6 115.0



#33

Benzene

Concen: 23.000 ug/L

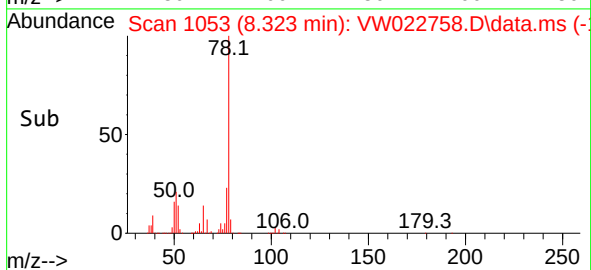
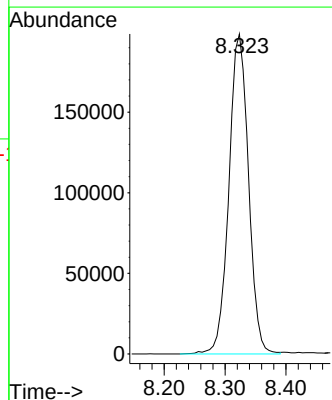
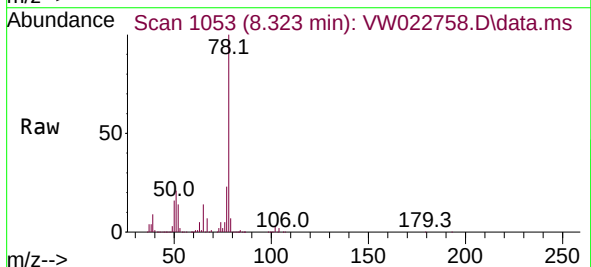
RT: 8.323 min Scan# 1053

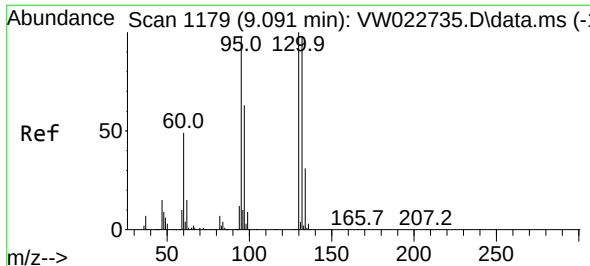
Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Tgt Ion: 78 Resp: 443433



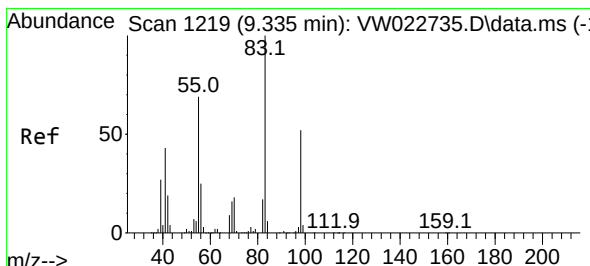
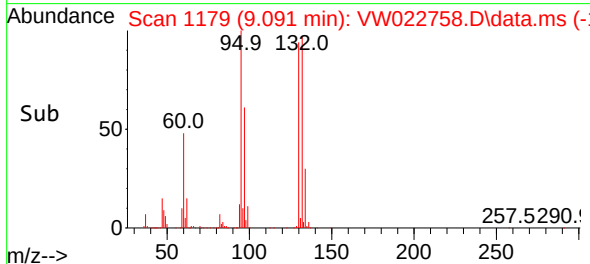
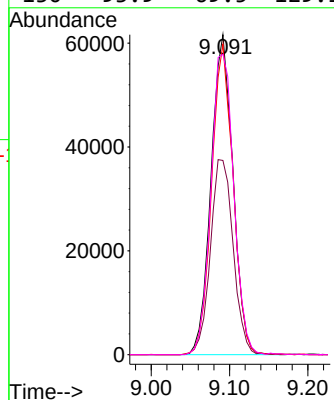
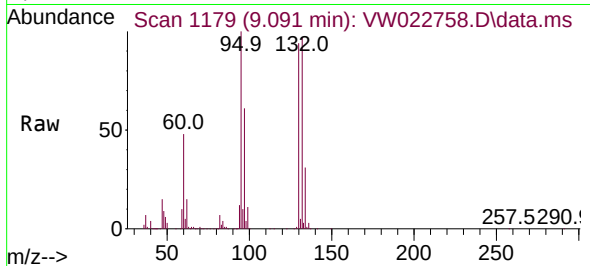


#34
Trichloroethene
Concen: 22.628 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 119975

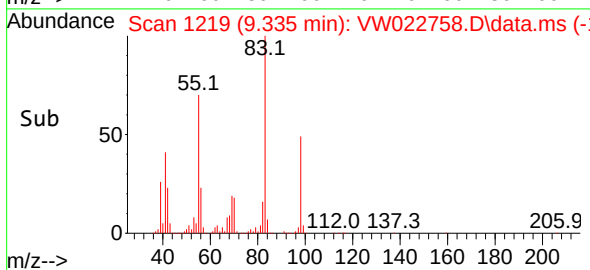
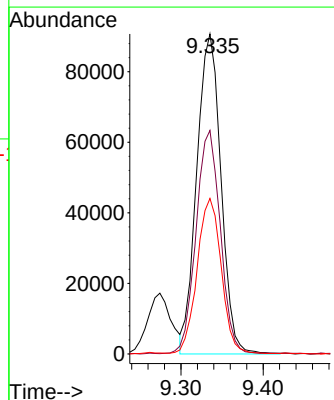
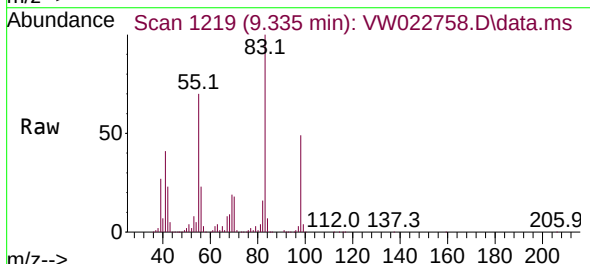
Ion	Ratio	Lower	Upper
95	100		
97	60.7	46.1	85.7
132	97.0	66.9	124.3
130	93.9	69.5	129.1

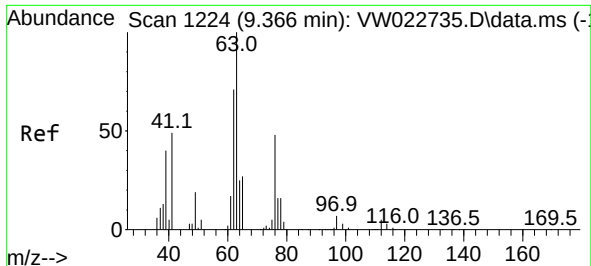


#35
Methylcyclohexane
Concen: 21.336 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion: 83 Resp: 185840

Ion	Ratio	Lower	Upper
83	100		
55	70.0	55.1	82.7
98	48.6	40.4	60.6





#37

1,2-Dichloropropane

Concen: 23.656 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

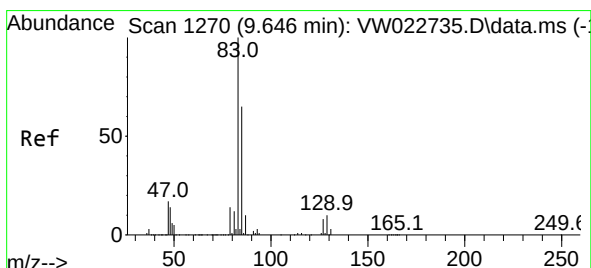
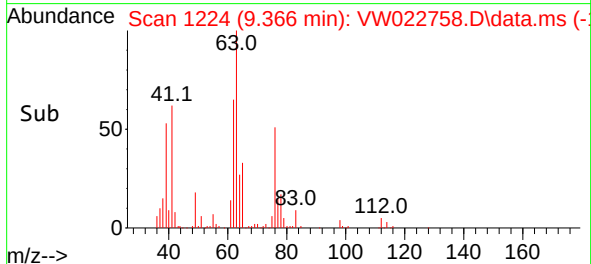
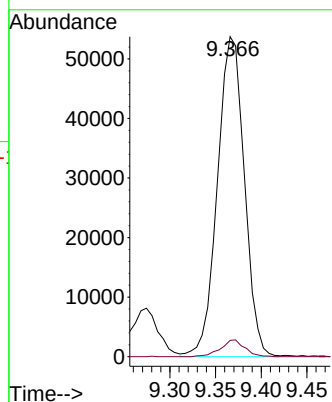
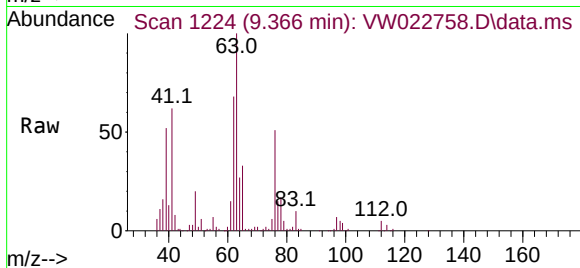
ClientSampleId :

Tgt Ion: 63 Resp: 110368

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 24.057 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

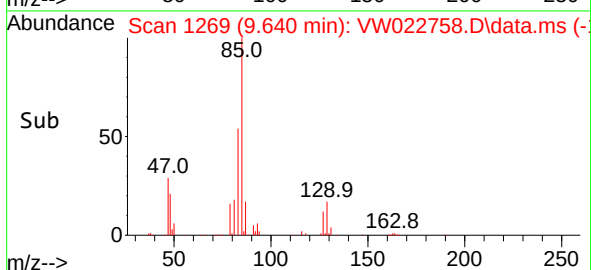
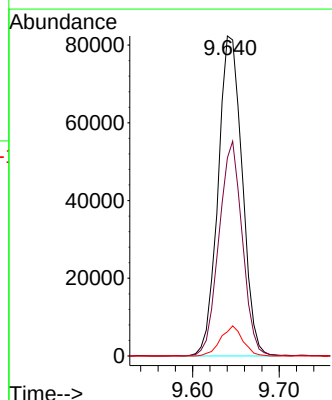
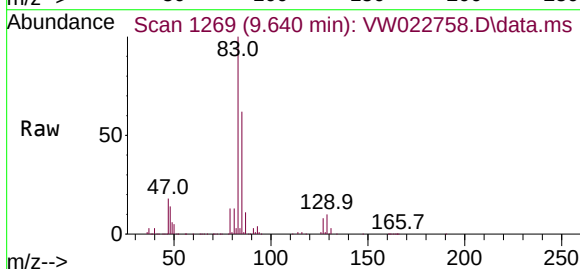
Tgt Ion: 83 Resp: 159421

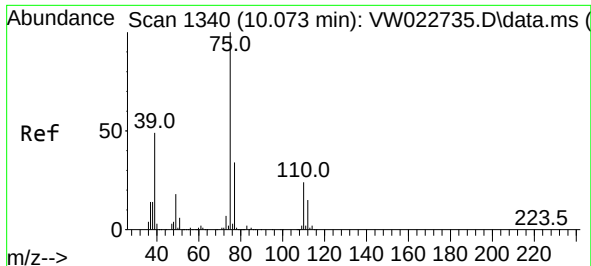
Ion Ratio Lower Upper

83 100

85 61.9 43.5 80.7

127 7.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.312 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

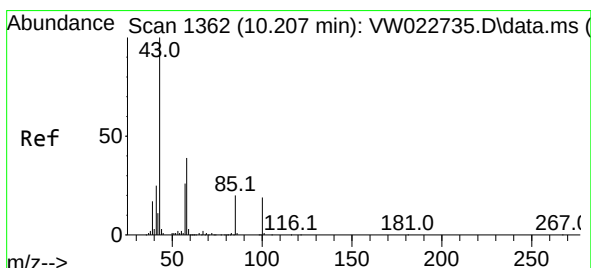
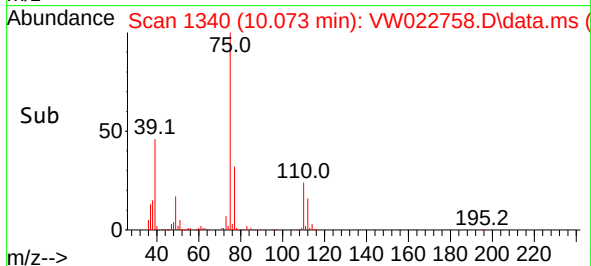
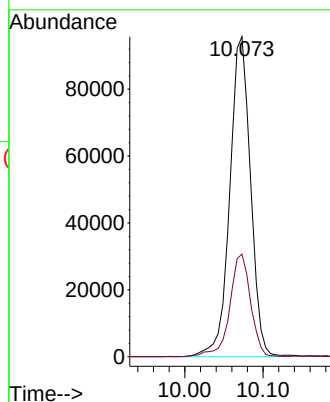
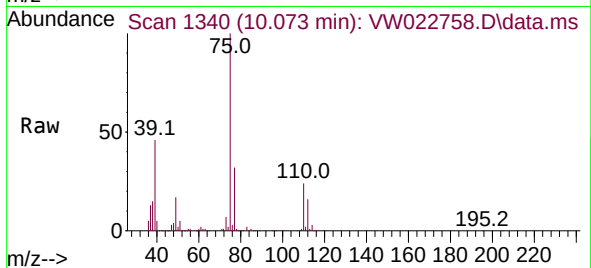
ClientSampleId :

Tgt Ion: 75 Resp: 175882

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 55.272 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

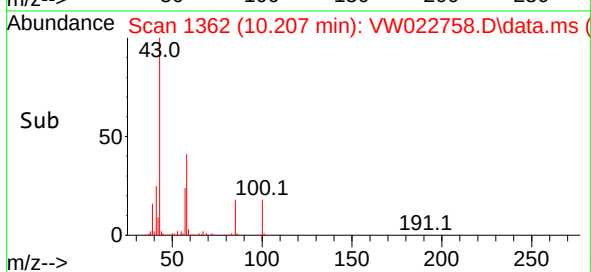
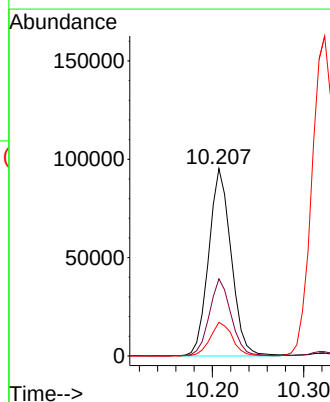
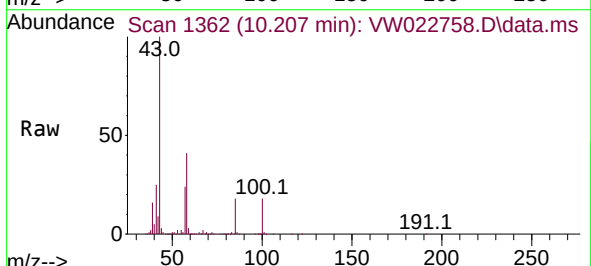
Tgt Ion: 43 Resp: 162537

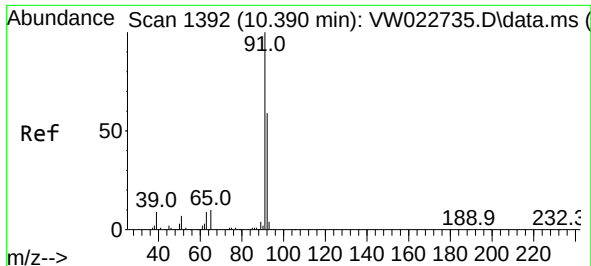
Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.2

100 17.9 14.2 21.4

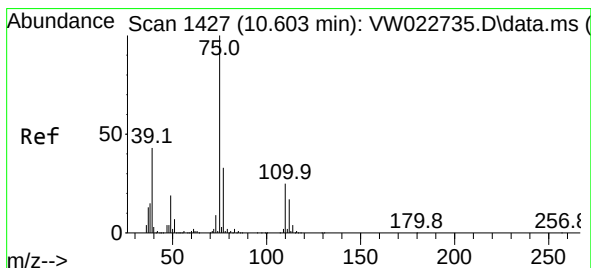
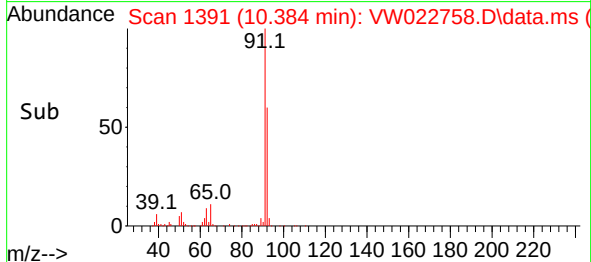
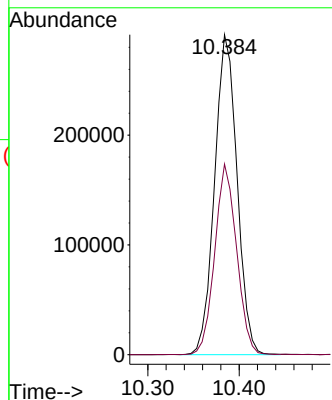
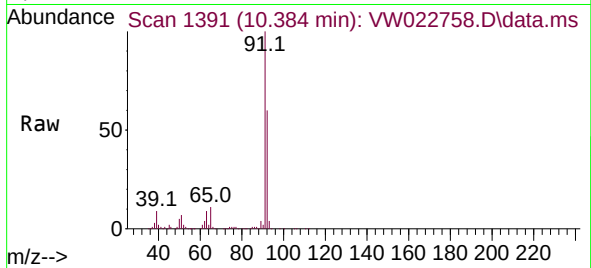




#42
Toluene
Concen: 23.064 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

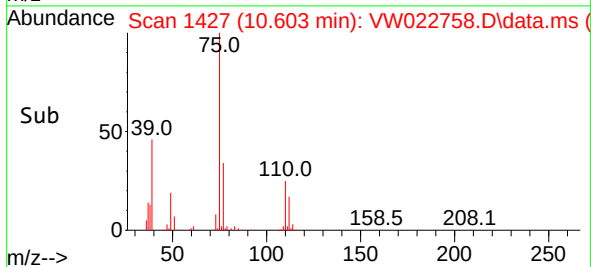
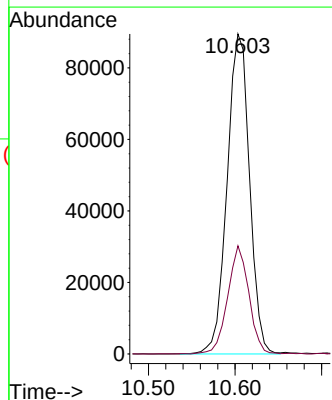
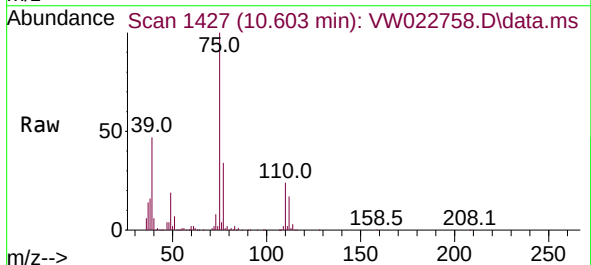
Instrument :
MSVOA_W
ClientSampleId :

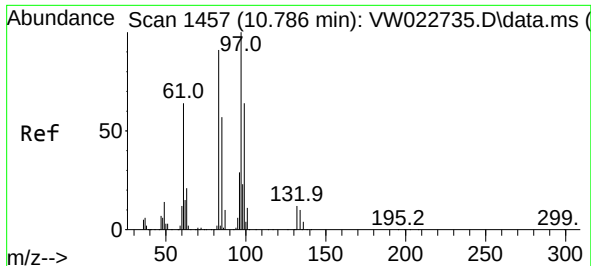
Tgt Ion: 91 Resp: 498324
Ion Ratio Lower Upper
91 100
92 59.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.918 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion: 75 Resp: 160897
Ion Ratio Lower Upper
75 100
77 33.8 22.0 40.8

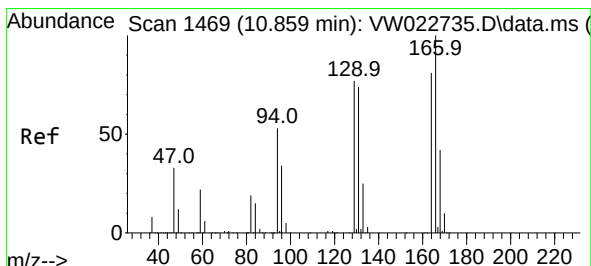
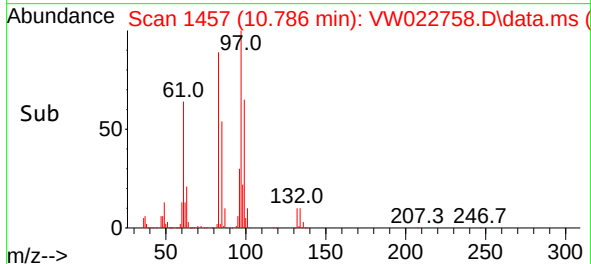
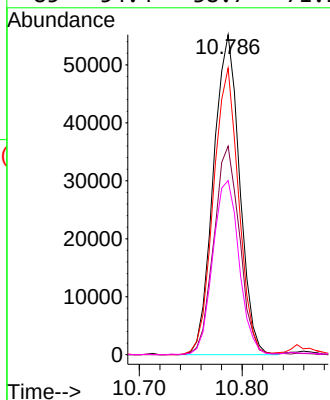
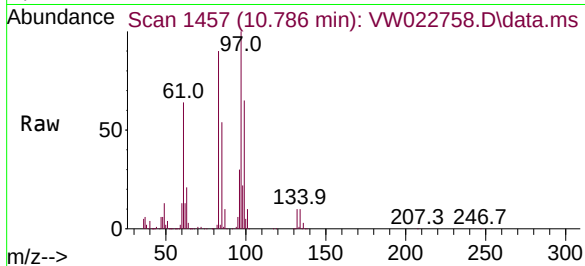




#45
1,1,2-Trichloroethane
Concen: 24.984 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

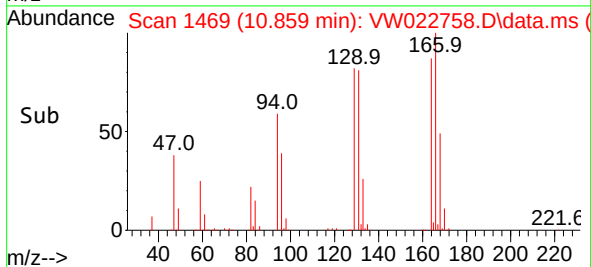
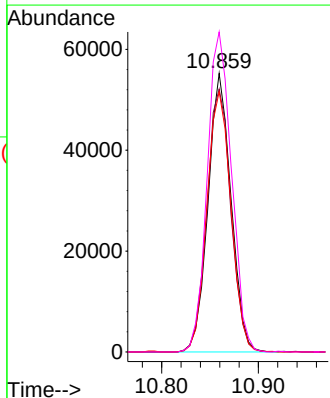
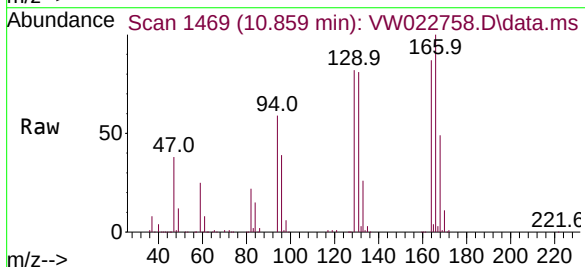
Instrument :
MSVOA_W
ClientSampleId :

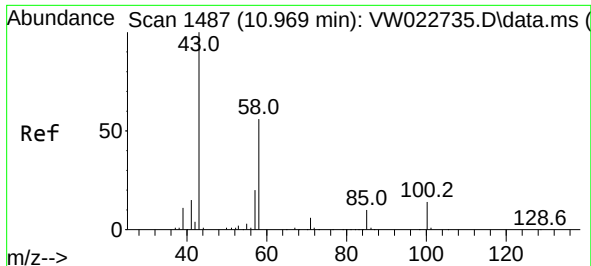
Tgt Ion: 97	Resp: 97443
Ion Ratio	Lower Upper
97 100	
99 65.1	44.7 82.9
83 89.6	58.4 108.4
85 54.4	38.7 71.9



#46
Tetrachloroethene
Concen: 22.937 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

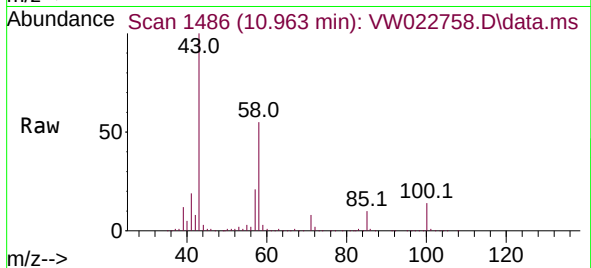
Tgt	Ion:164	Resp:	91394
Ion	Ratio	Lower	Upper
164	100		
129	94.4	76.9	142.7
131	93.4	75.1	139.5
166	114.8	96.0	178.2



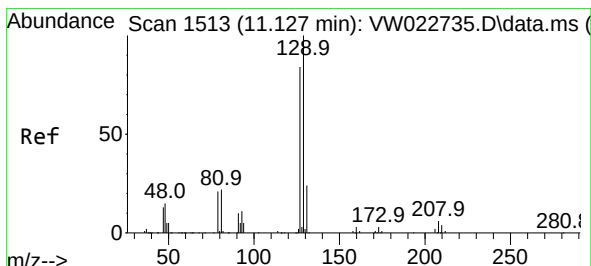
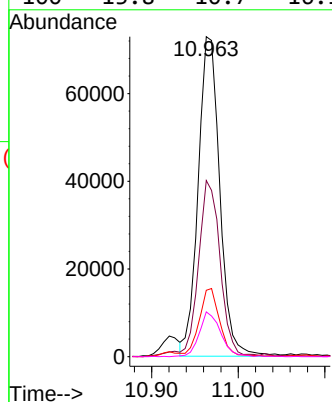
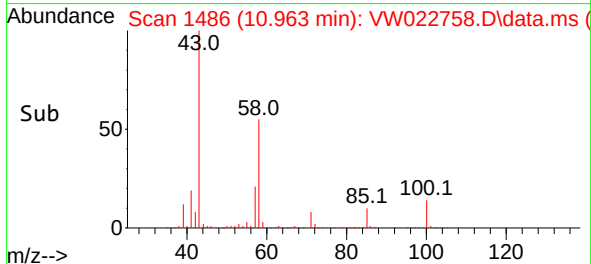


#48
2-Hexanone
Concen: 64.500 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

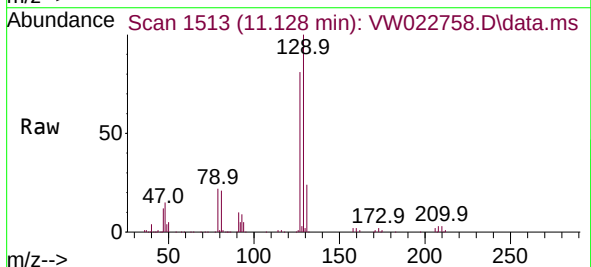
Instrument :
MSVOA_W
ClientSampleId :



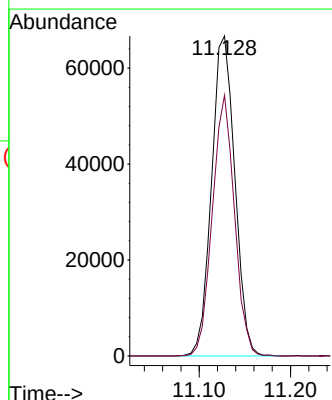
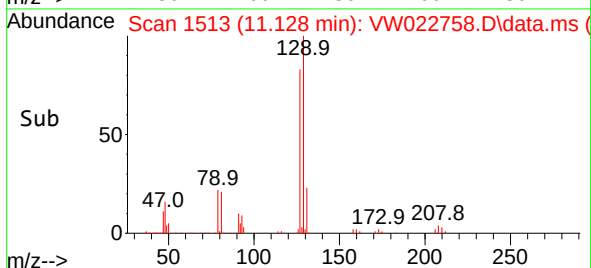
Tgt Ion:	43	Resp:	126732
Ion	Ratio	Lower	Upper
43	100		
58	53.9	45.9	68.9
57	20.1	16.2	24.2
100	13.8	10.7	16.1

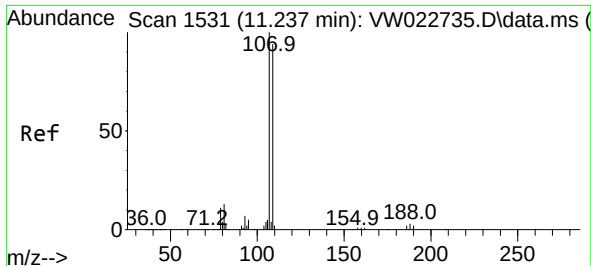


#49
Dibromochloromethane
Concen: 25.164 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41



Tgt Ion:	129	Resp:	118124
Ion	Ratio	Lower	Upper
129	100		
127	81.4	53.8	100.0





#50

1,2-Dibromoethane

Concen: 25.779 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

ClientSampleId :

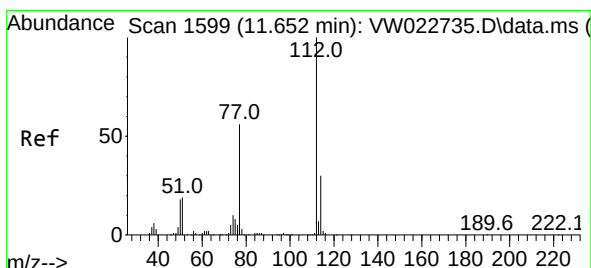
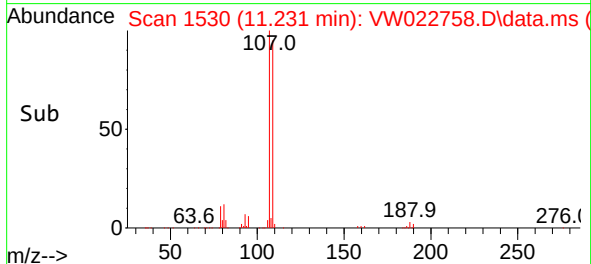
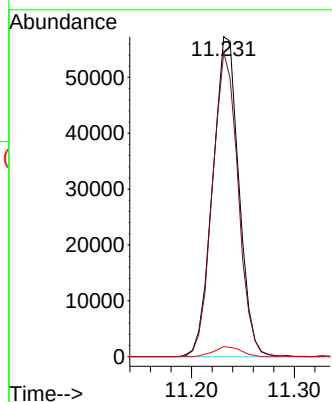
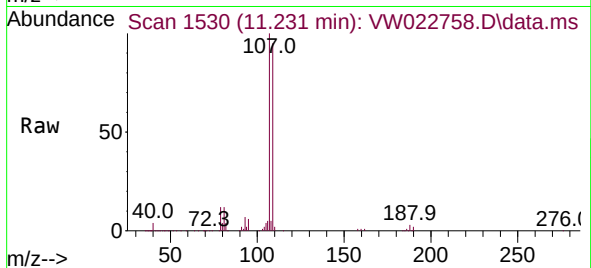
Tgt Ion:107 Resp: 100961

Ion Ratio Lower Upper

107 100

109 95.2 67.5 125.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 22.548 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

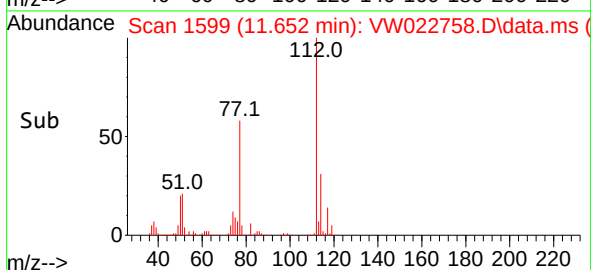
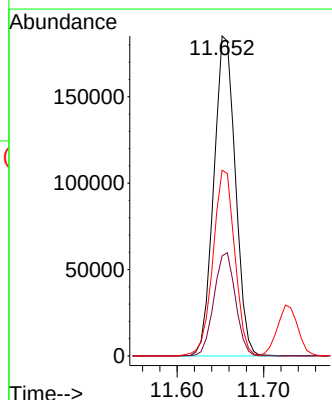
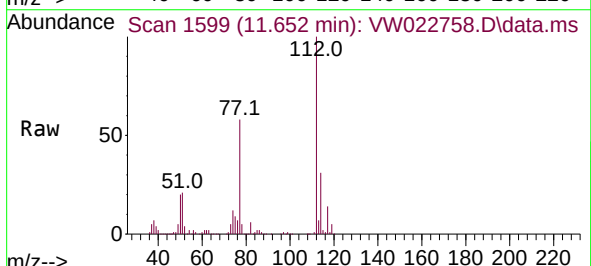
Tgt Ion:112 Resp: 321185

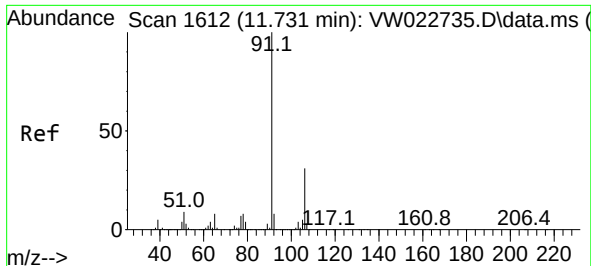
Ion Ratio Lower Upper

112 100

114 31.3 22.0 41.0

77 58.1 42.6 63.8





#52

Ethylbenzene

Concen: 22.448 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

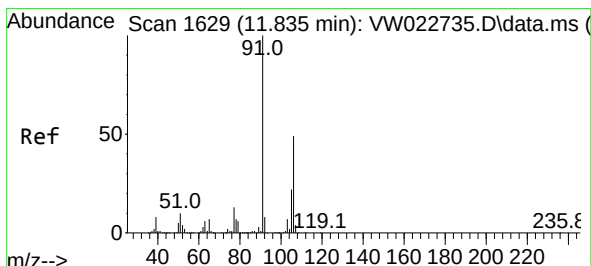
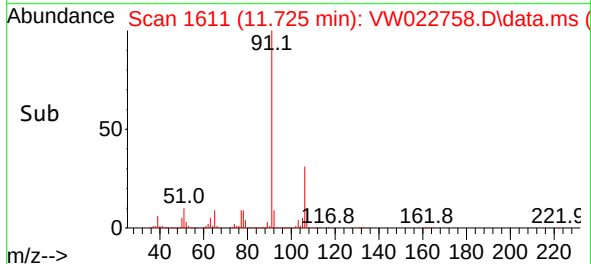
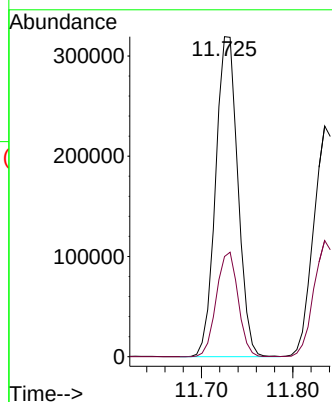
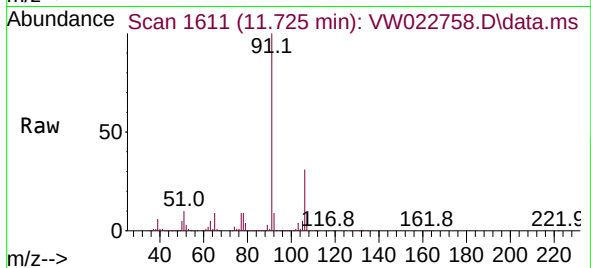
ClientSampleId :

Tgt Ion: 91 Resp: 539606

Ion Ratio Lower Upper

91 100

106 31.3 22.3 41.3



#53

m,p-Xylene

Concen: 22.709 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022758.D

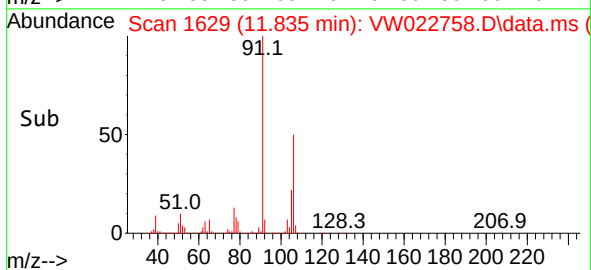
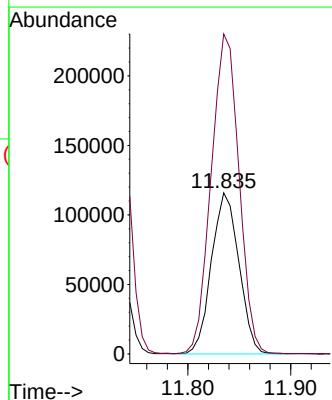
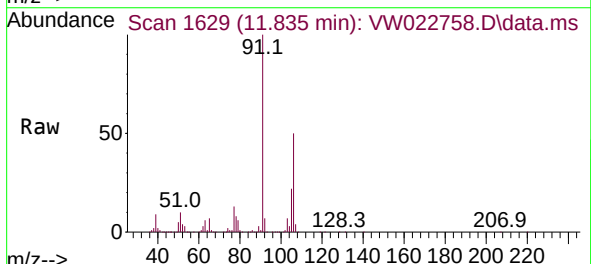
Acq: 02 May 2022 22:41

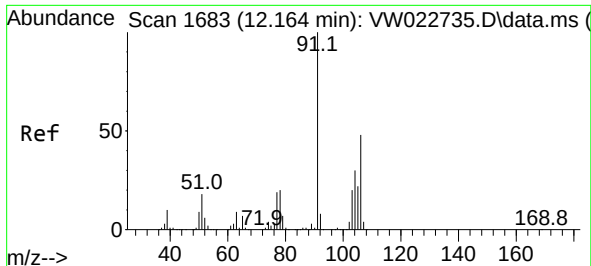
Tgt Ion:106 Resp: 215085

Ion Ratio Lower Upper

106 100

91 198.6 136.8 254.0

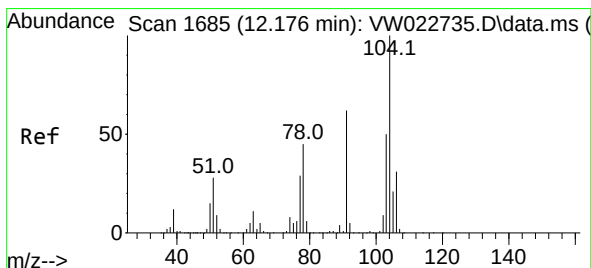
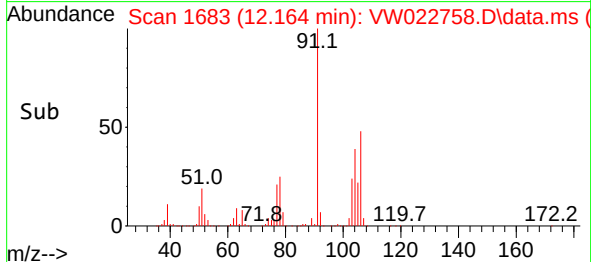
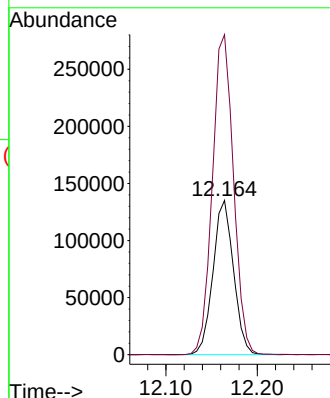
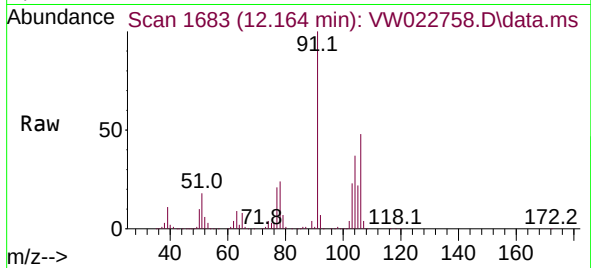




#54
o-Xylene
Concen: 23.242 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

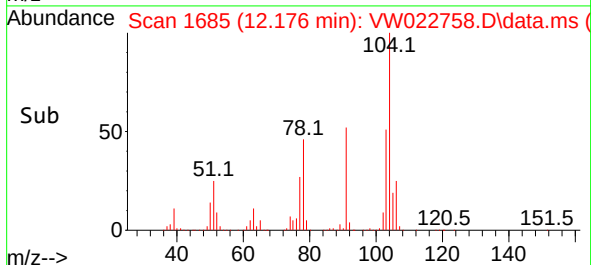
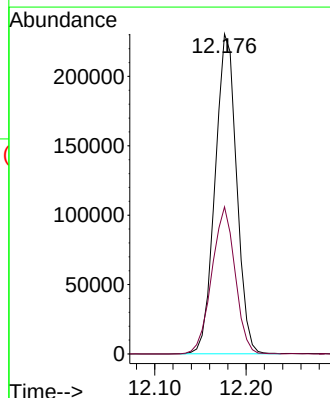
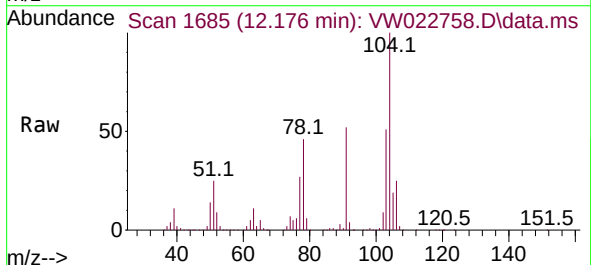
Instrument :
MSVOA_W
ClientSampleId :

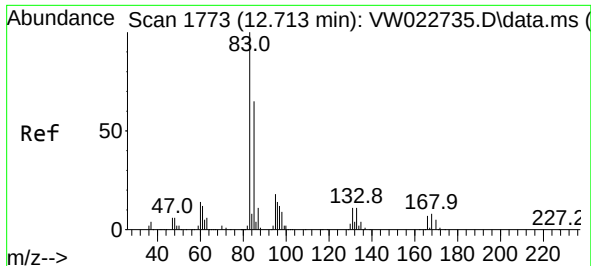
Tgt Ion:106 Resp: 211239
Ion Ratio Lower Upper
106 100
91 207.5 147.2 273.4



#55
Styrene
Concen: 24.418 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion:104 Resp: 377118
Ion Ratio Lower Upper
104 100
78 46.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.192 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

ClientSampleId :

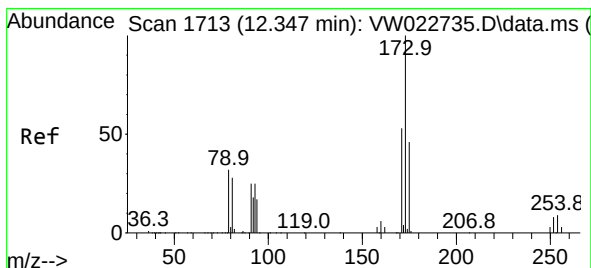
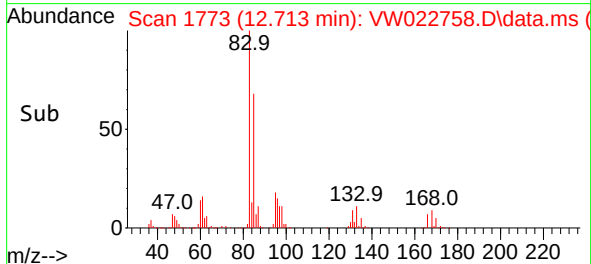
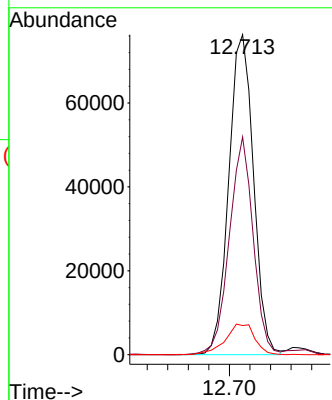
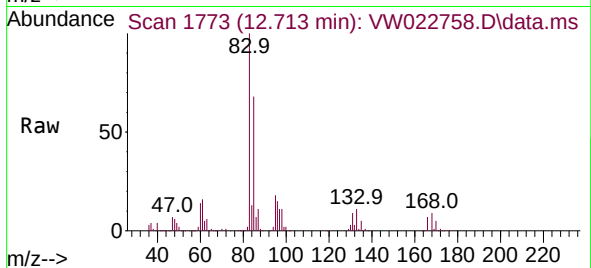
Tgt Ion: 83 Resp: 127594

Ion Ratio Lower Upper

83 100

85 68.0 47.5 88.1

131 9.1 8.7 13.1



#59

Bromoform

Concen: 26.068 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

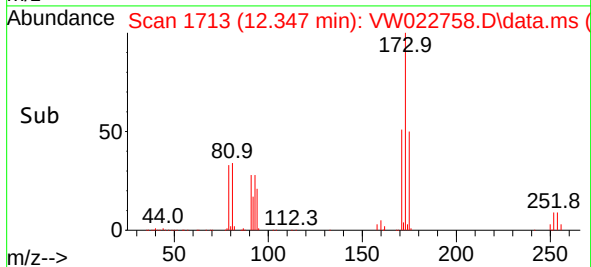
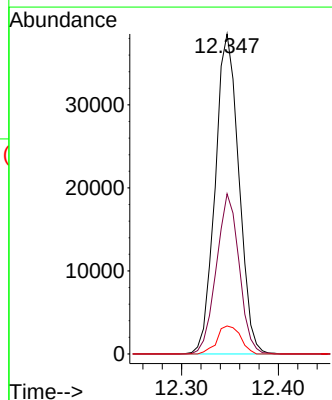
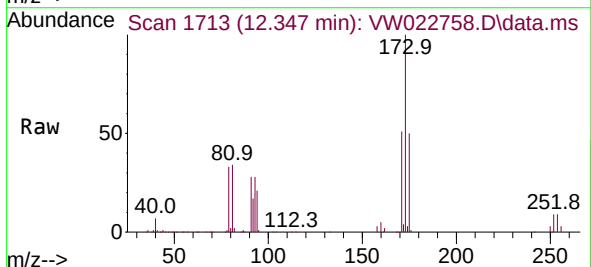
Tgt Ion: 173 Resp: 65456

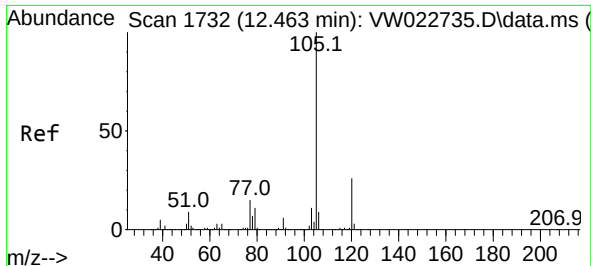
Ion Ratio Lower Upper

173 100

175 48.2 38.1 57.1

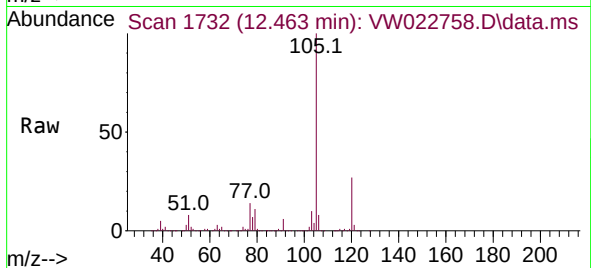
254 8.7 6.5 9.7



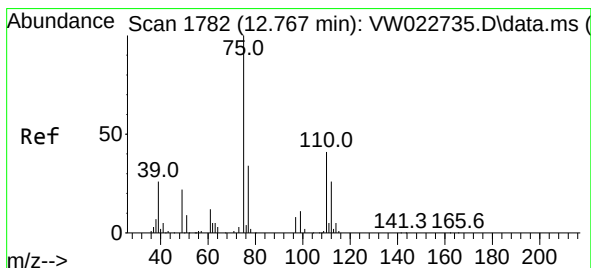
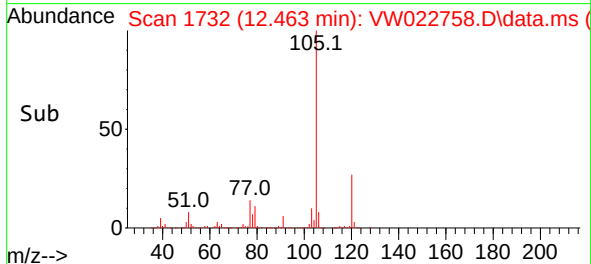
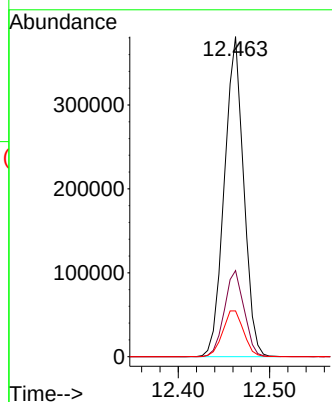


#60
Isopropylbenzene
Concen: 23.103 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Instrument :
MSVOA_W
ClientSampleId :

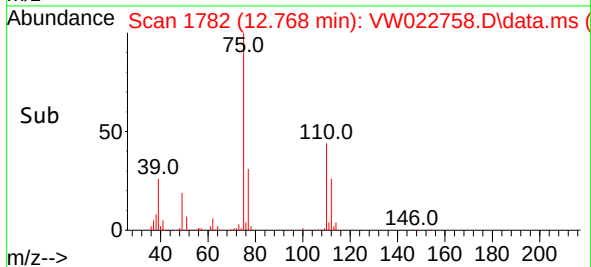
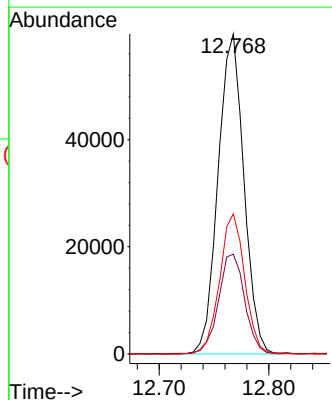
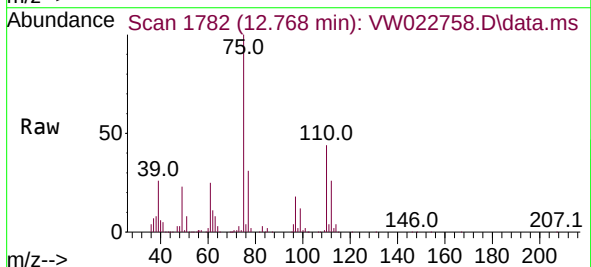


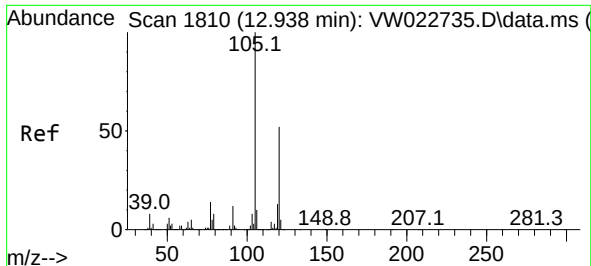
Tgt Ion:105 Resp: 560794
Ion Ratio Lower Upper
105 100
120 27.5 21.3 31.9
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 27.579 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion: 75 Resp: 97639
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 42.5 34.1 51.1

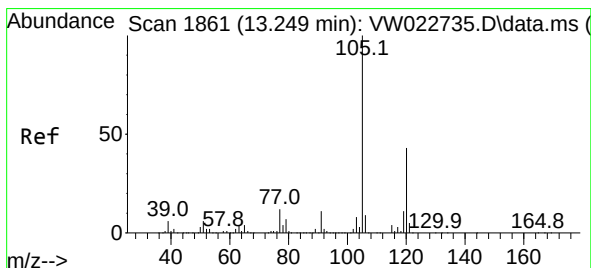
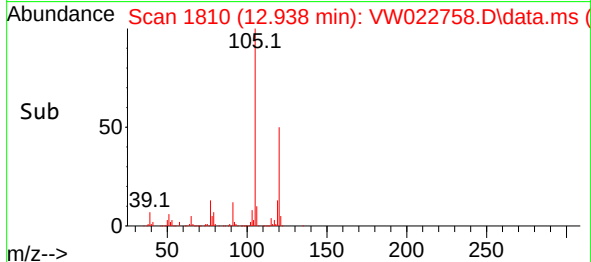
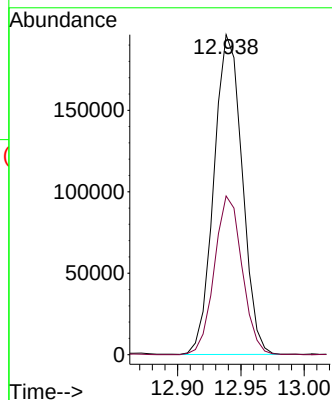
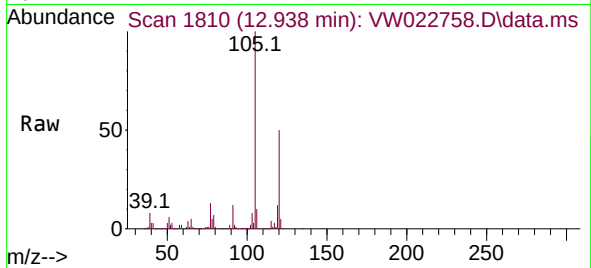




#62
1,3,5-Trimethylbenzene
Concen: 22.585 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

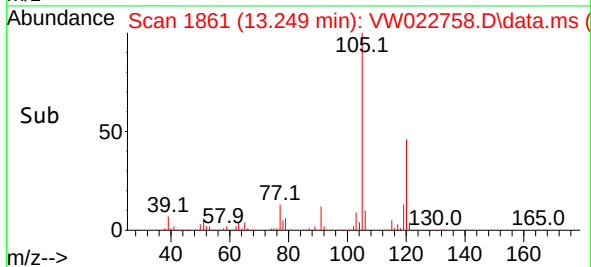
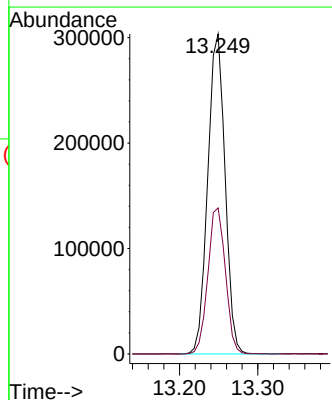
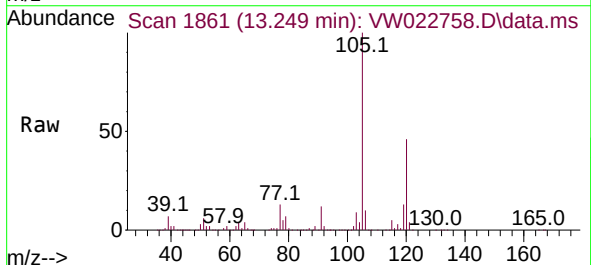
Instrument :
MSVOA_W
ClientSampleId :

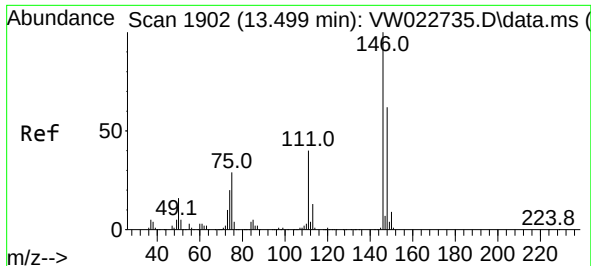
Tgt Ion:105 Resp: 304995
Ion Ratio Lower Upper
105 100
120 48.7 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 22.947 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion:105 Resp: 465290
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.2

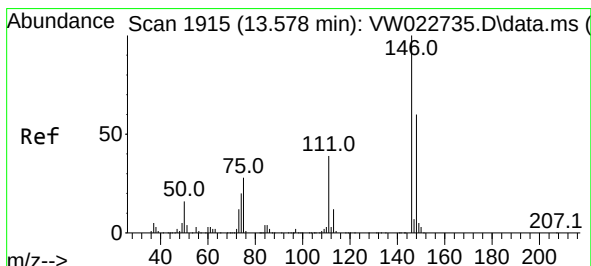
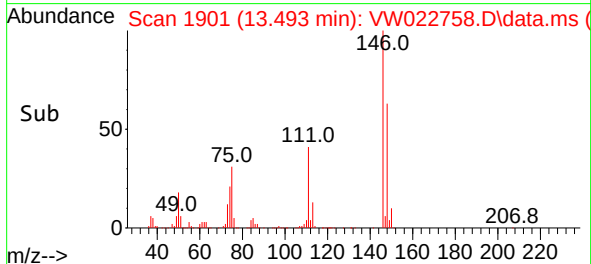
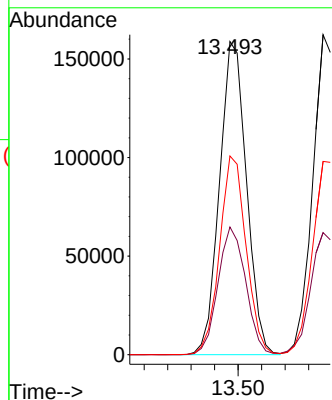
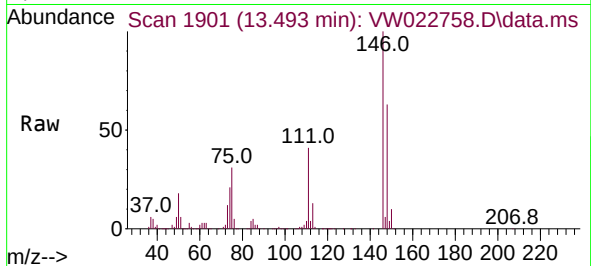




#64
1,3-Dichlorobenzene
Concen: 23.376 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

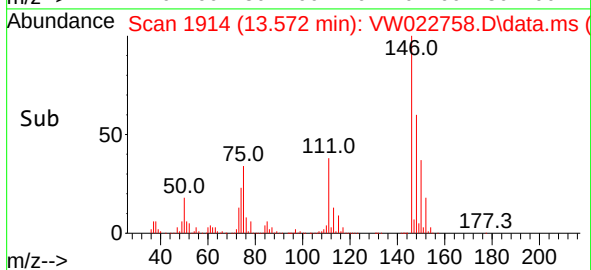
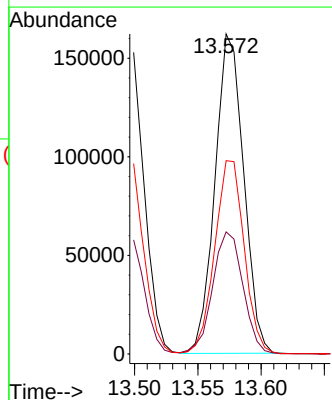
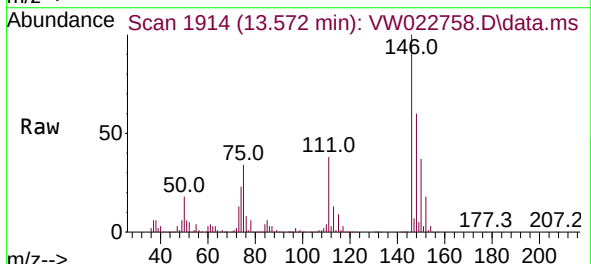
Instrument :
MSVOA_W
ClientSampleId :

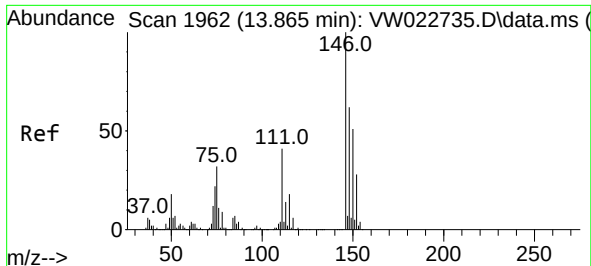
Tgt Ion:146 Resp: 253330
Ion Ratio Lower Upper
146 100
111 40.8 29.5 54.9
148 63.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.818 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion:146 Resp: 255418
Ion Ratio Lower Upper
146 100
111 38.2 27.2 50.4
148 60.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.363 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

ClientSampleId :

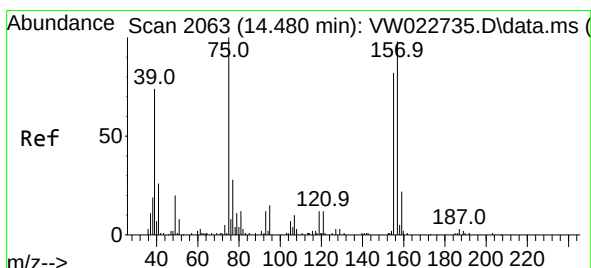
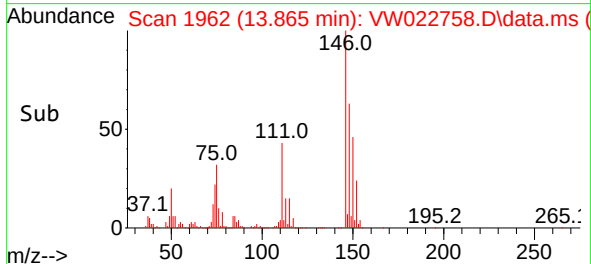
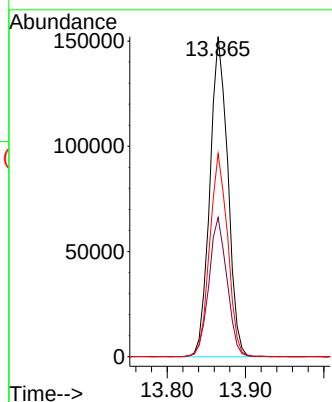
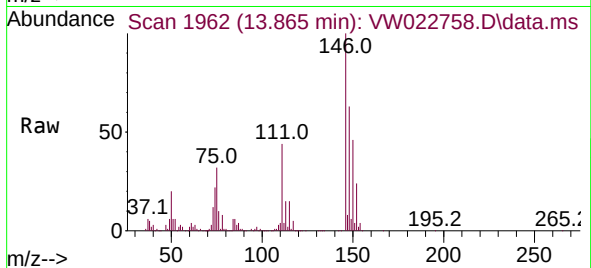
Tgt Ion:146 Resp: 241606

Ion Ratio Lower Upper

146 100

111 43.5 35.7 53.5

148 63.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 27.714 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

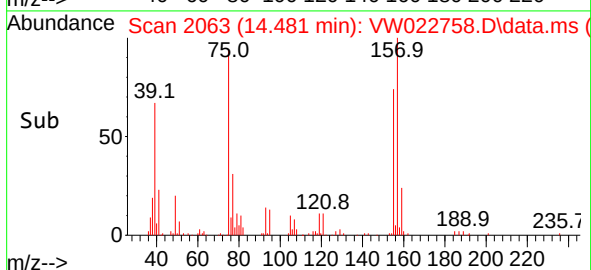
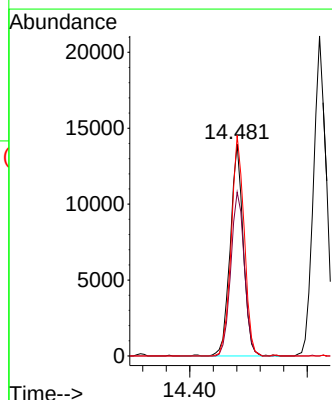
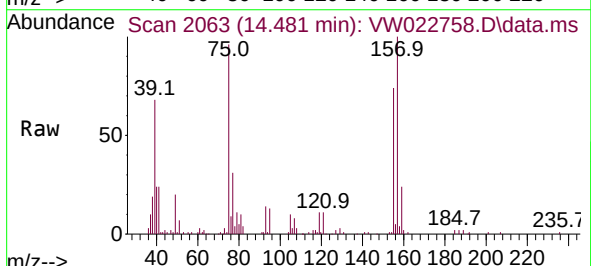
Tgt Ion: 75 Resp: 21443

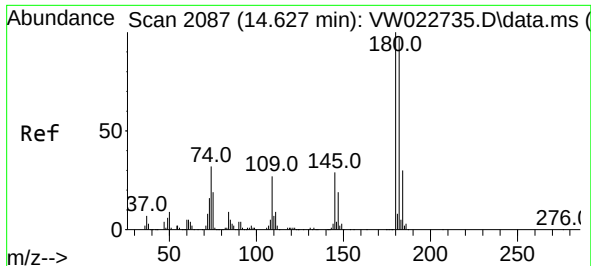
Ion Ratio Lower Upper

75 100

155 77.4 59.3 88.9

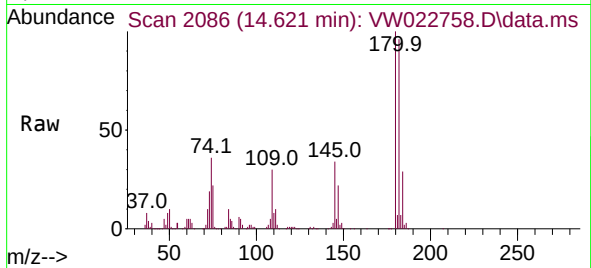
157 104.2 89.8 134.8



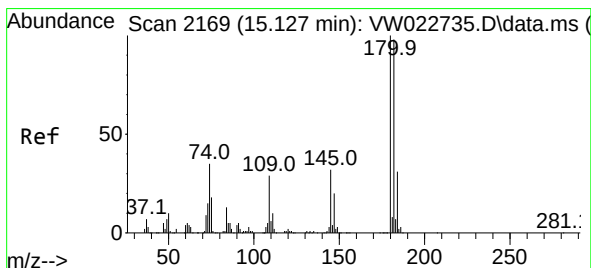
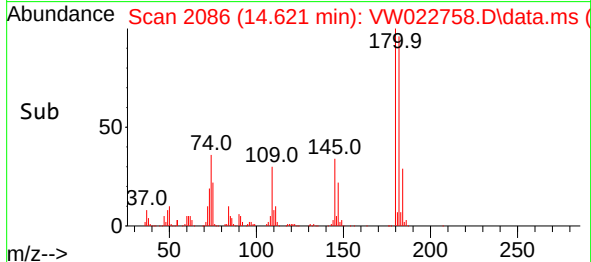
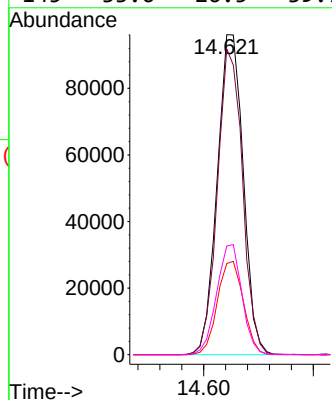


#69
1,3,5-Trichlorobenzene
Concen: 22.037 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Instrument :
MSVOA_W
ClientSampleId :

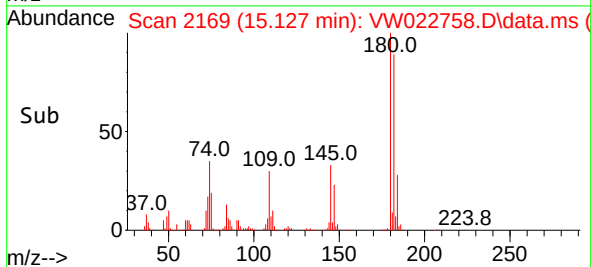
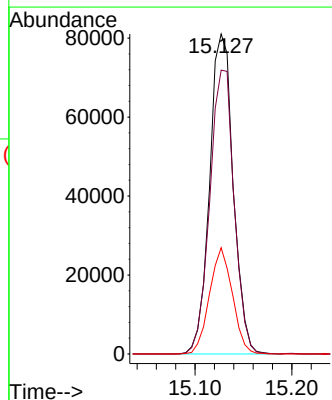
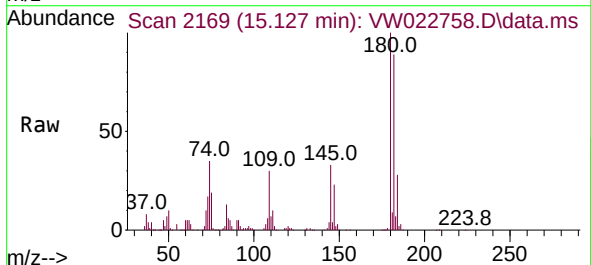


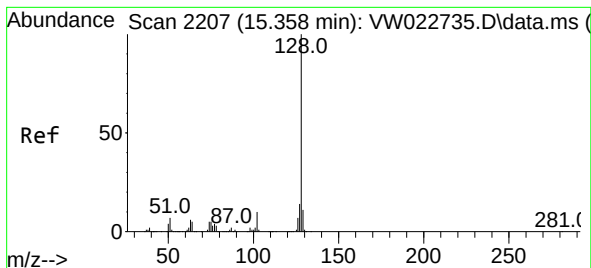
Tgt Ion:180 Resp: 158529
Ion Ratio Lower Upper
180 100
182 92.1 74.8 112.2
184 29.2 23.4 35.2
145 33.6 26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 23.744 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022758.D
Acq: 02 May 2022 22:41

Tgt Ion:180 Resp: 137397
Ion Ratio Lower Upper
180 100
182 91.8 74.9 112.3
145 32.2 26.6 39.8





#71

Naphthalene

Concen: 28.048 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Instrument :

MSVOA_W

ClientSampleId :

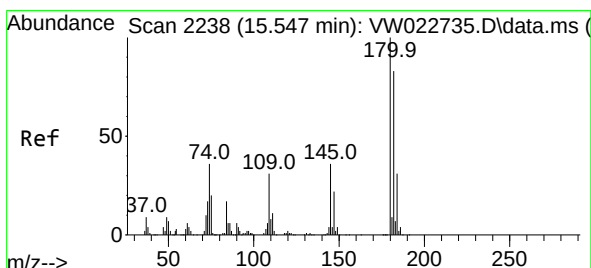
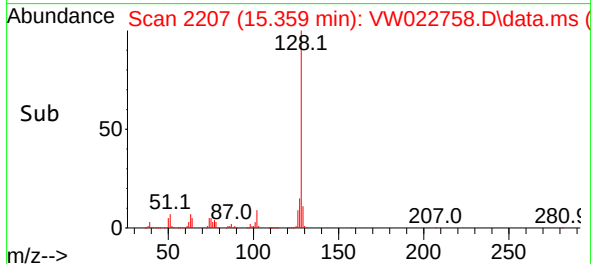
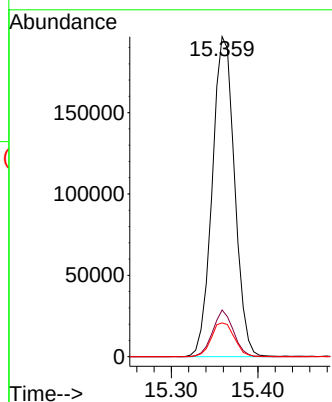
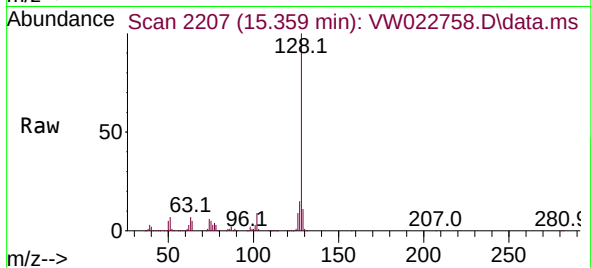
Tgt Ion:128 Resp: 352772

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.655 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022758.D

Acq: 02 May 2022 22:41

Tgt Ion:180 Resp: 121322

Ion Ratio Lower Upper

180 100

182 92.1 73.5 110.3

145 37.3 27.9 41.9

