

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022731.D
 Acq On : 02 May 2022 10:46
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 00:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	323796	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320540	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	177442	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	168628	25.384	ug/L	0.00
7) Chloroethane-d5	2.885	69	110975	25.677	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	214678	25.031	ug/L	0.00
21) 2-Butanone-d5	7.080	46	64736	51.680	ug/L	0.00
24) Chloroform-d	7.647	84	249028	26.251	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	136156	26.169	ug/L	0.00
32) Benzene-d6	8.275	84	487998	26.413	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	136257	26.254	ug/L	0.00
41) Toluene-d8	10.323	98	468459	26.248	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	61798	25.861	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	54053	54.558	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126084	26.065	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	161347	26.012	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	39802	22.779	ug/L	100
3) Chloromethane	2.215	50	85197	24.978	ug/L	100
5) Vinyl chloride	2.361	62	170796	24.951	ug/L	100
6) Bromomethane	2.776	94	102976	23.430	ug/L	100
8) Chloroethane	2.922	64	81055	24.550	ug/L	100
9) Trichlorofluoromethane	3.257	101	74476	23.804	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	113470	24.362	ug/L	100
12) 1,1-Dichloroethene	4.044	96	99699	24.041	ug/L	100
13) Acetone	4.123	43	33849	39.559	ug/L	94
14) Carbon disulfide	4.385	76	269886	23.737	ug/L	100
15) Methyl Acetate	4.678	43	45487	23.138	ug/L	100
16) Methylene chloride	4.922	84	109237	23.056	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	110845	23.751	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	178263	25.078	ug/L	100
19) 1,1-Dichloroethane	6.214	63	193555	24.471	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	124177	24.773	ug/L	100
22) 2-Butanone	7.171	43	61416	46.511	ug/L	100
23) Bromochloromethane	7.513	128	55538	23.658	ug/L	100
25) Chloroform	7.677	83	218241	24.953	ug/L	100
27) 1,2-Dichloroethane	8.403	62	143027	24.532	ug/L	100
29) Cyclohexane	7.952	56	169697	24.479	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	190340	25.128	ug/L	100
31) Carbon tetrachloride	8.067	117	172033	24.278	ug/L	100
33) Benzene	8.323	78	460126	24.367	ug/L	100
34) Trichloroethene	9.092	95	124046	23.887	ug/L	100
35) Methylcyclohexane	9.335	83	209463	24.553	ug/L	100
37) 1,2-Dichloropropane	9.366	63	110093	24.092	ug/L	100
38) Bromodichloromethane	9.640	83	159701	24.605	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	179575	25.344	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	142038	49.315	ug/L	100
42) Toluene	10.384	91	522836	24.706	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	161490	25.535	ug/L	100

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 Response via : Initial Calibration

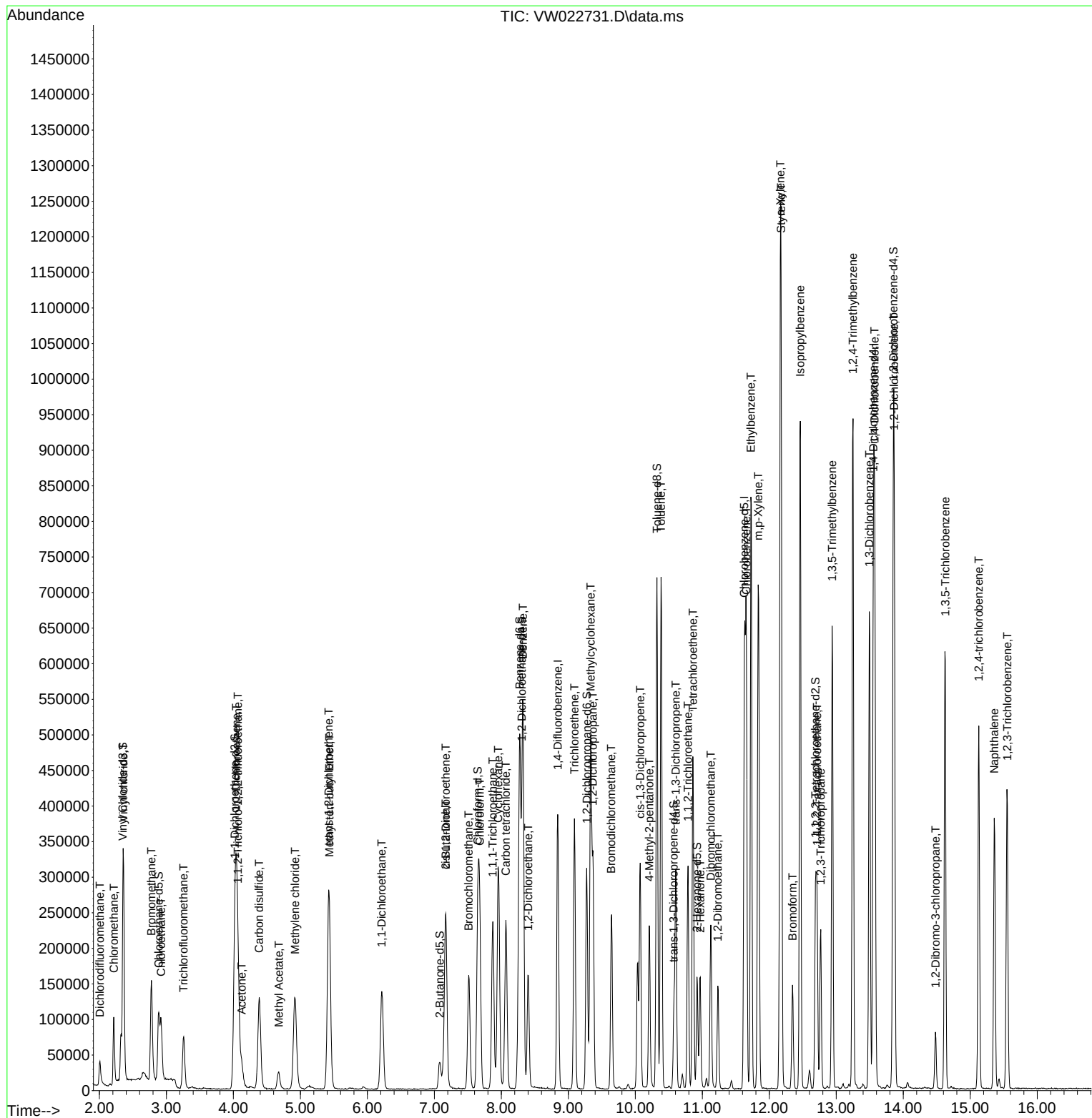
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	91993	24.081	ug/L	100
46) Tetrachloroethene	10.860	164	91882	23.543	ug/L	100
48) 2-Hexanone	10.969	43	96322	50.052	ug/L	100
49) Dibromochloromethane	11.128	129	113867	24.766	ug/L	100
50) 1,2-Dibromoethane	11.231	107	91611	23.883	ug/L	100
51) Chlorobenzene	11.658	112	342878	24.577	ug/L	100
52) Ethylbenzene	11.725	91	589685	25.047	ug/L	100
53) m,p-Xylene	11.835	106	233144	25.132	ug/L	100
54) o-Xylene	12.164	106	224103	25.174	ug/L	100
55) Styrene	12.176	104	392821	25.969	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	116178	24.349	ug/L	100
59) Bromoform	12.347	173	61114	24.303	ug/L	100
60) Isopropylbenzene	12.463	105	612310	25.189	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85563	24.133	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	341270	25.234	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	513790	25.302	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	266445	24.550	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	275159	24.545	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	246240	24.794	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18274	23.584	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	178495	24.777	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	144106	24.867	ug/L	100
71) Naphthalene	15.359	128	325492	25.842	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	129506	25.214	ug/L	100

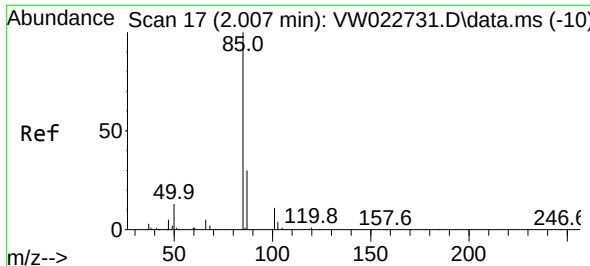
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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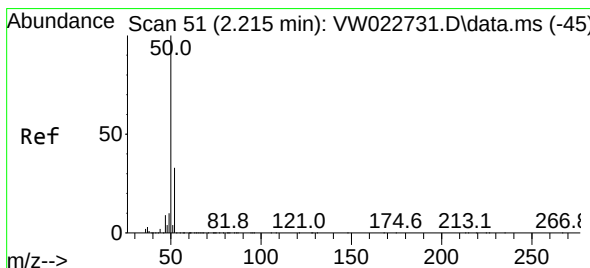
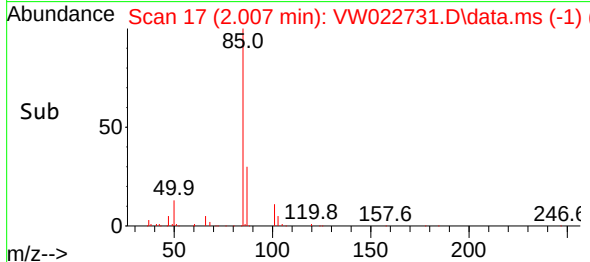
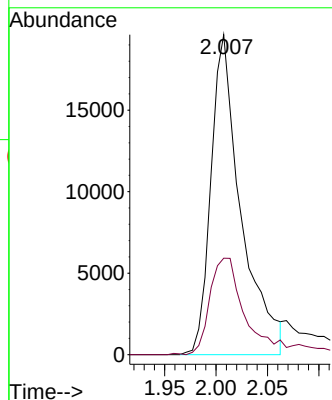
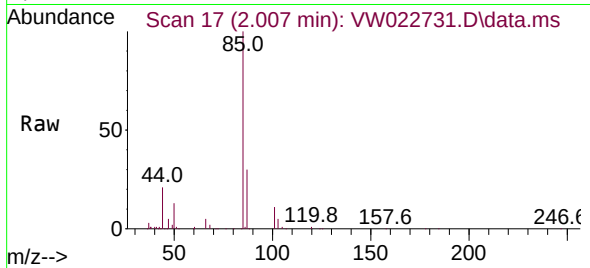




#2
 Dichlorodifluoromethane
 Concen: 22.779 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022731.D
 Acq: 02 May 2022 10:46

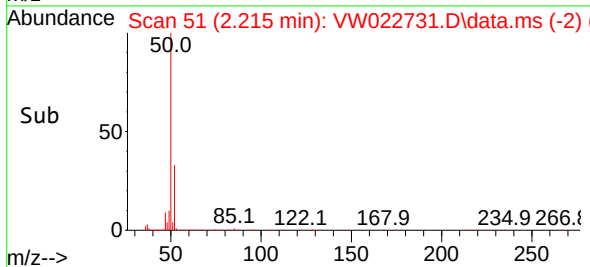
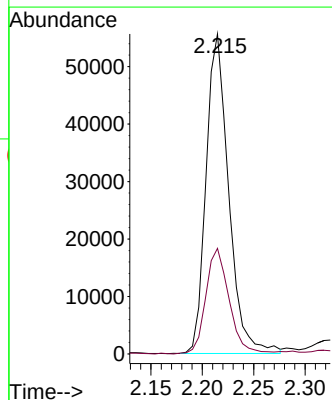
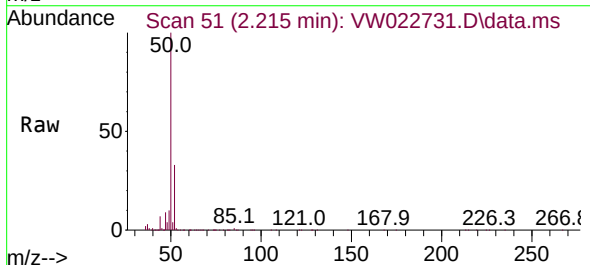
Instrument :
 MSVOA_W
 ClientSampleId :

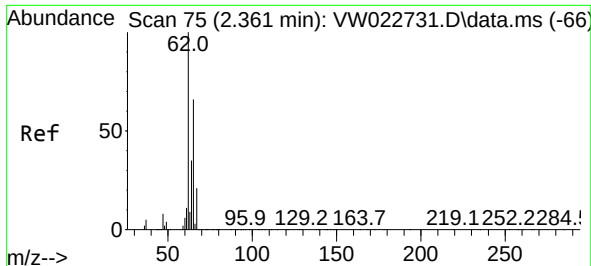
Tgt Ion: 85 Resp: 39802
 Ion Ratio Lower Upper
 85 100
 87 34.8 27.8 41.8



#3
 Chloromethane
 Concen: 24.978 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022731.D
 Acq: 02 May 2022 10:46

Tgt Ion: 50 Resp: 85197
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

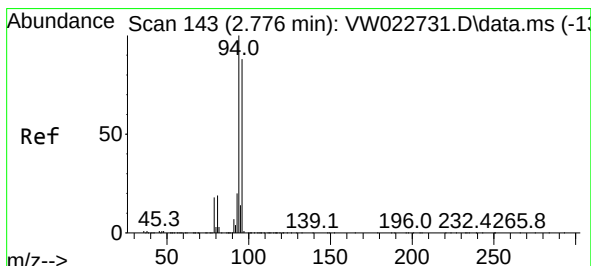
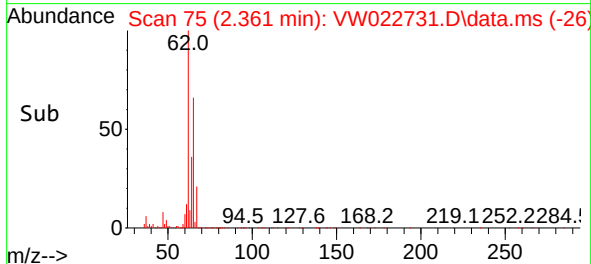
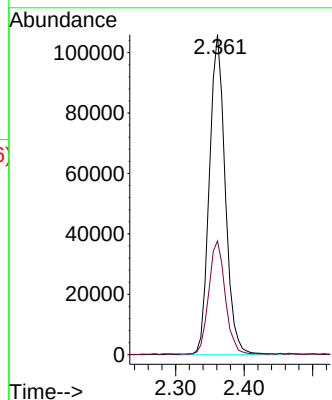
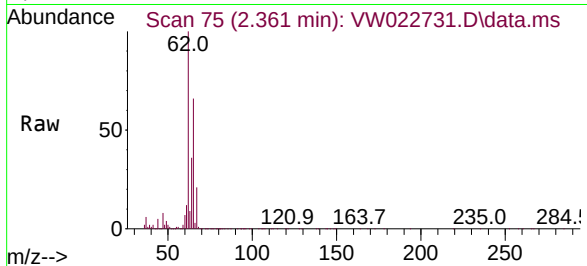




#5
 Vinyl chloride
 Concen: 24.951 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022731.D
 Acq: 02 May 2022 10:46

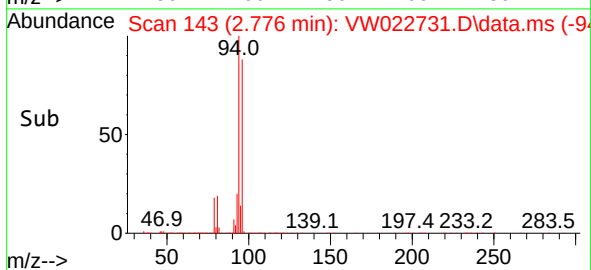
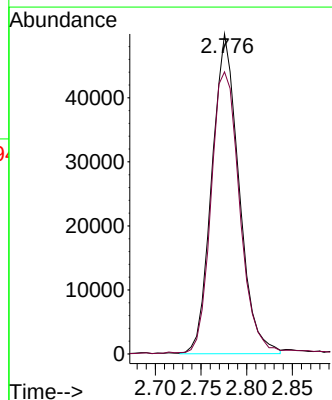
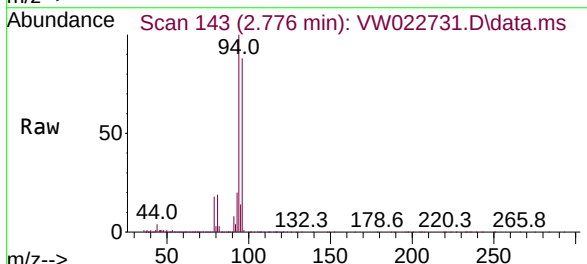
Instrument :
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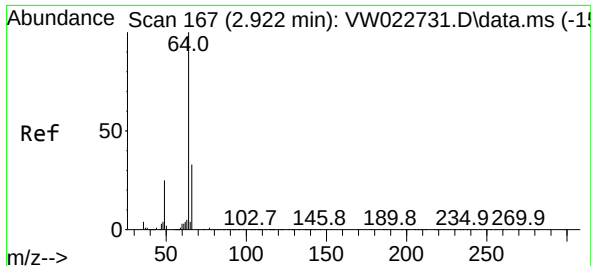
Tgt Ion: 62 Resp: 170796
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.9 46.3



#6
 Bromomethane
 Concen: 23.430 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022731.D
 Acq: 02 May 2022 10:46

Tgt Ion: 94 Resp: 102976
 Ion Ratio Lower Upper
 94 100
 96 88.1 61.7 114.5

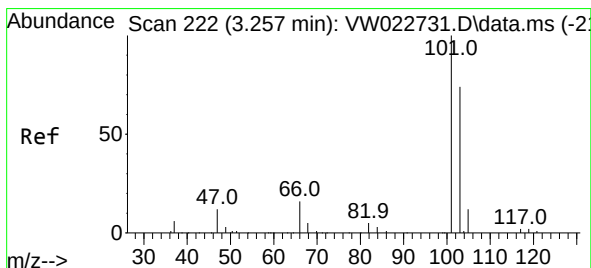
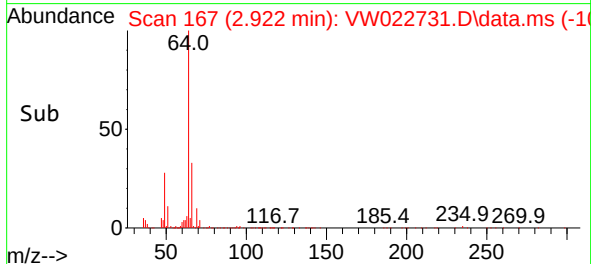
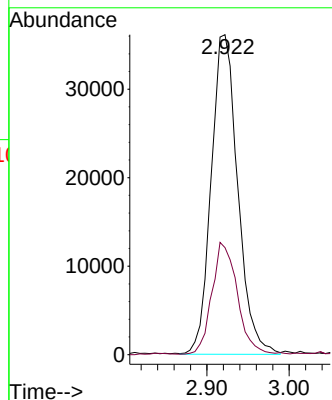
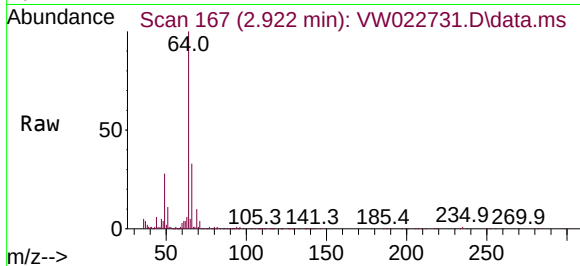




#8
Chloroethane
Concen: 24.550 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

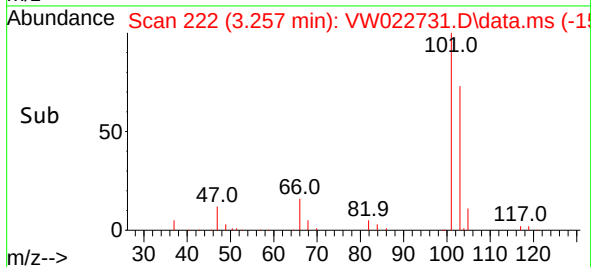
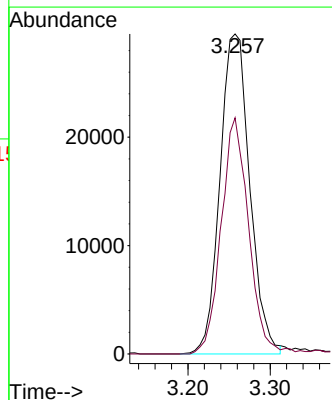
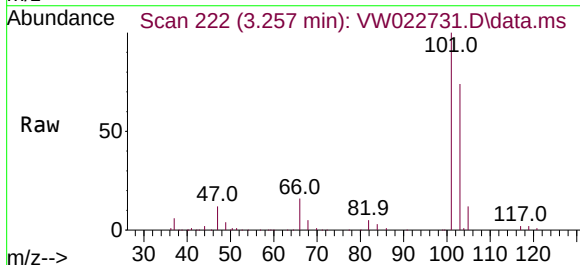
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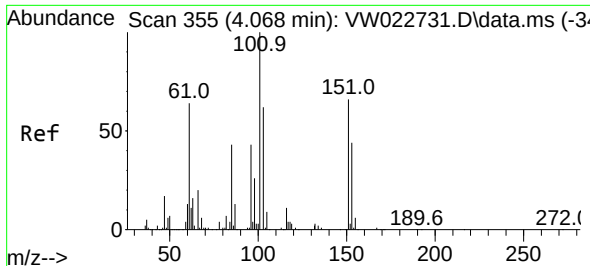
Tgt Ion: 64 Resp: 81055
Ion Ratio Lower Upper
64 100
66 33.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.804 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion: 101 Resp: 74476
Ion Ratio Lower Upper
101 100
103 67.4 53.9 80.9

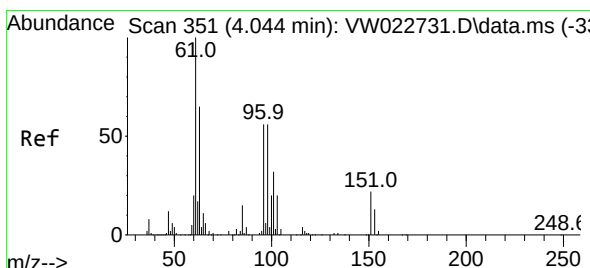
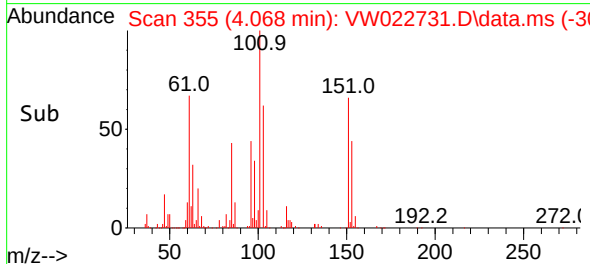
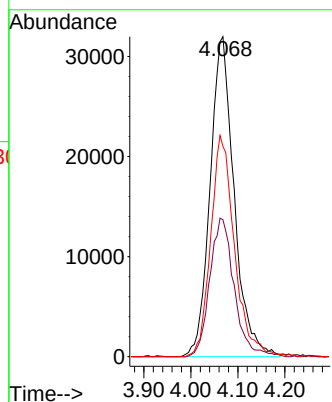
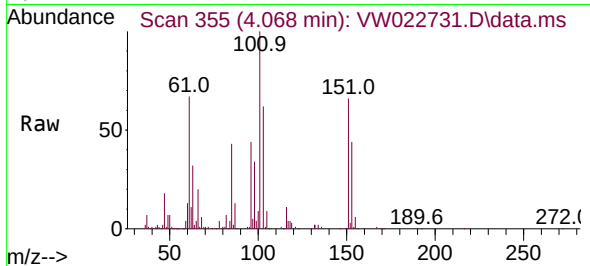




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.362 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW022731.D
 Acq: 02 May 2022 10:46

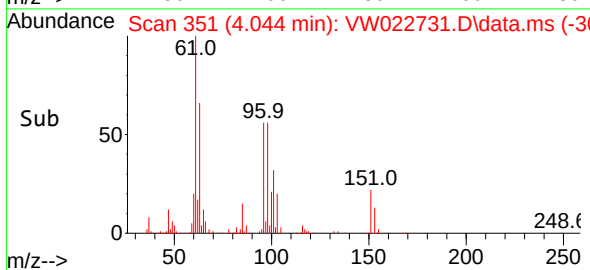
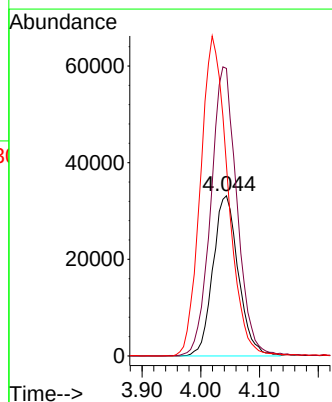
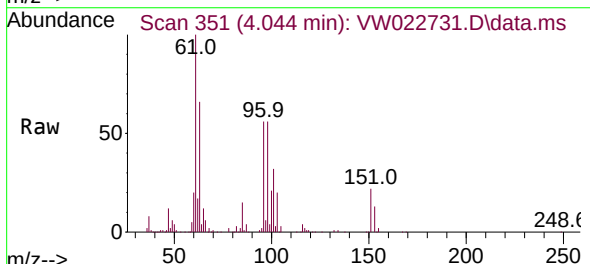
Instrument :
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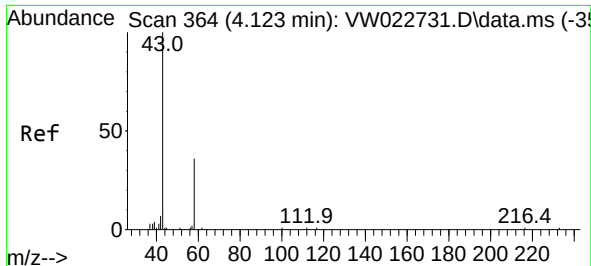
Tgt Ion:101 Resp: 113470
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.3 51.5
 151 67.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.041 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022731.D
 Acq: 02 May 2022 10:46

Tgt Ion: 96 Resp: 99699
 Ion Ratio Lower Upper
 96 100
 61 179.6 125.7 233.5
 63 119.2 83.4 155.0





#13

Acetone

Concen: 39.559 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

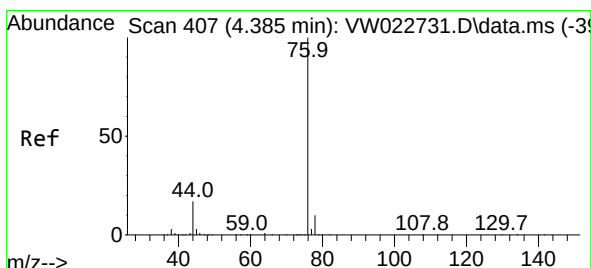
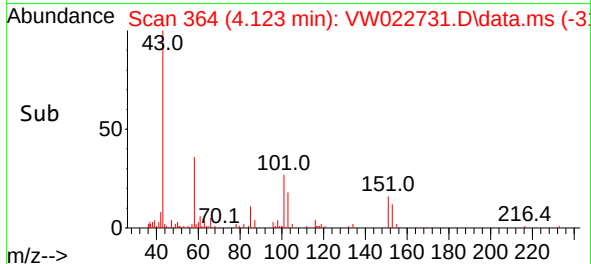
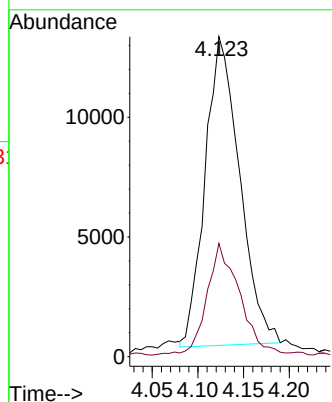
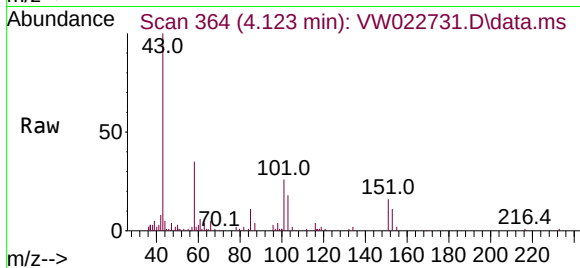
ClientSampleId :

Tgt Ion: 43 Resp: 33849

Ion Ratio Lower Upper

43 100

58 35.2 0.0 64.0



#14

Carbon disulfide

Concen: 23.737 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022731.D

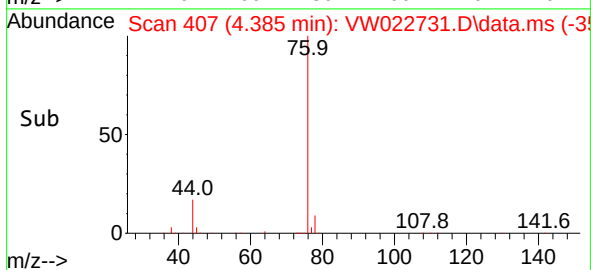
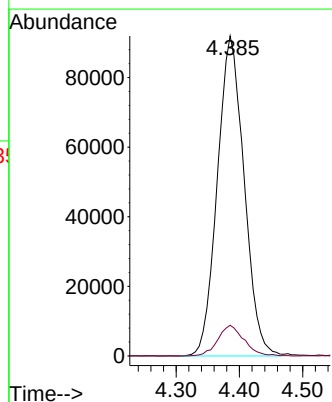
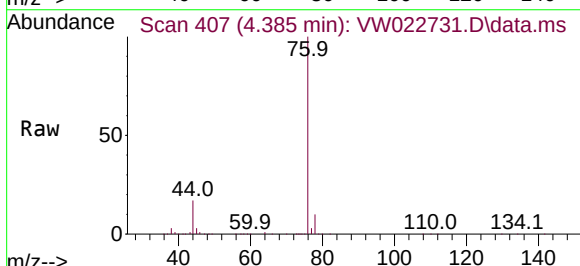
Acq: 02 May 2022 10:46

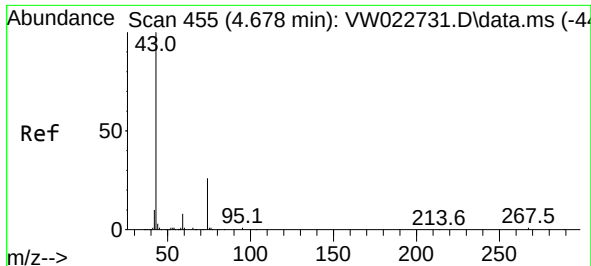
Tgt Ion: 76 Resp: 269886

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

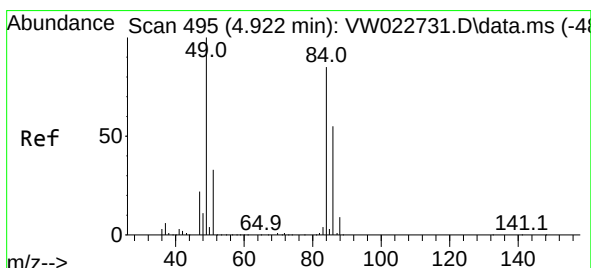
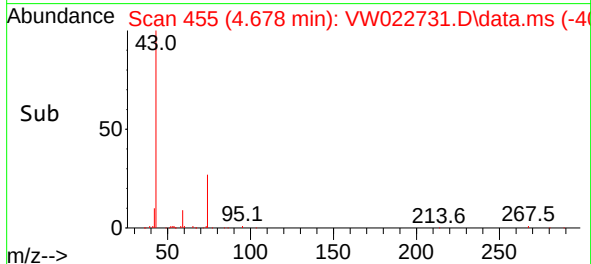
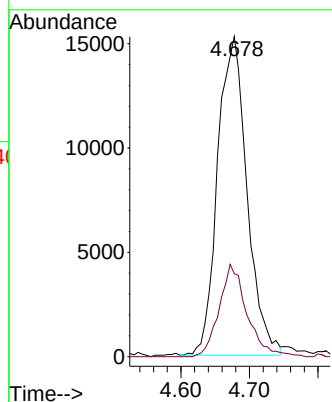
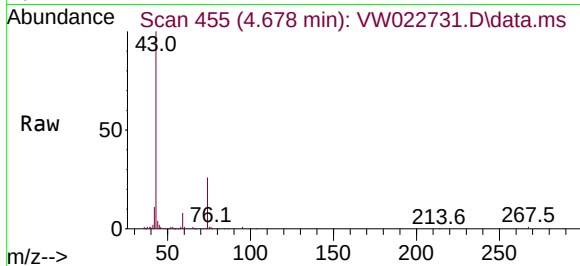




#15
Methyl Acetate
Concen: 23.138 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW022731.D
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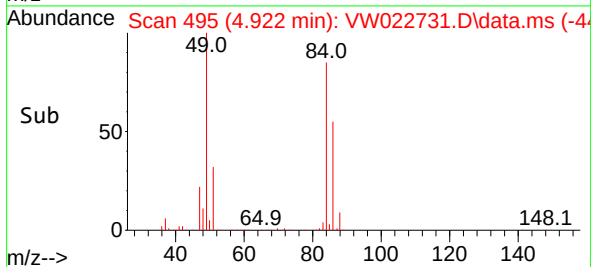
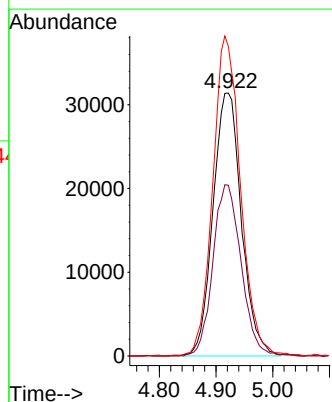
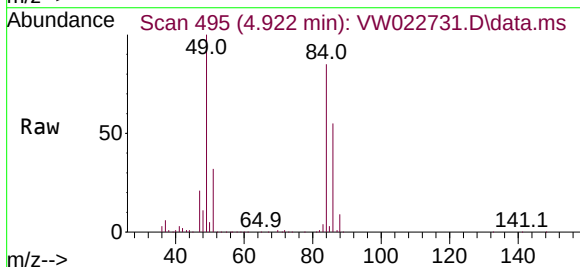
Instrument :
MSVOA_W
ClientSampleId :

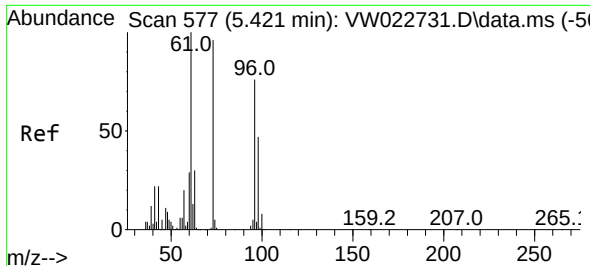
Tgt Ion: 43 Resp: 45487
Ion Ratio Lower Upper
43 100
74 27.4 21.9 32.9



#16
Methylene chloride
Concen: 23.056 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

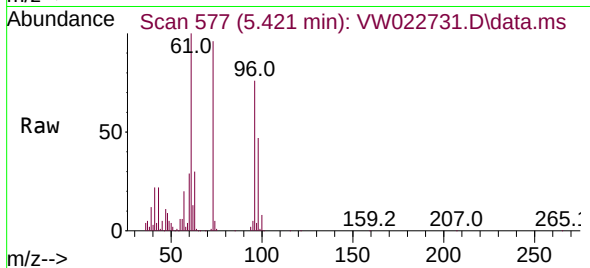
Tgt Ion: 84 Resp: 109237
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 117.8 82.5 153.1





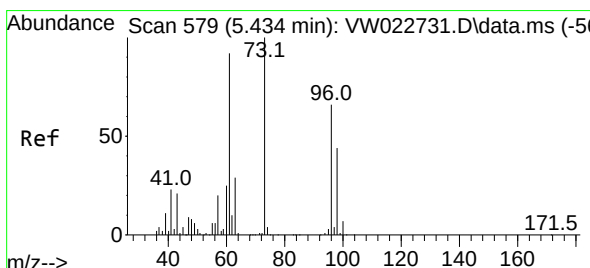
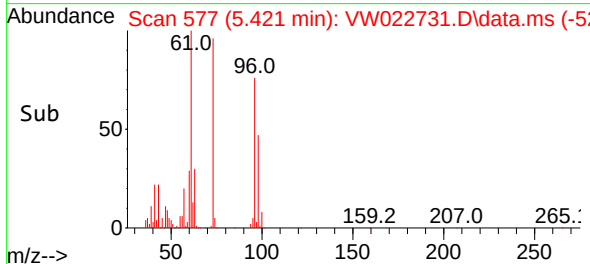
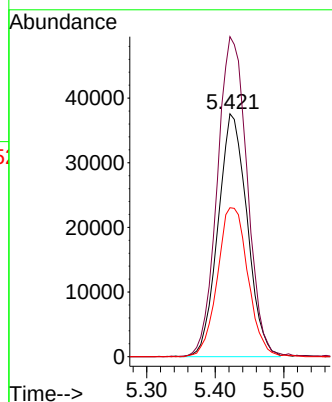
#17
trans-1,2-Dichloroethene
Concen: 23.751 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 110845

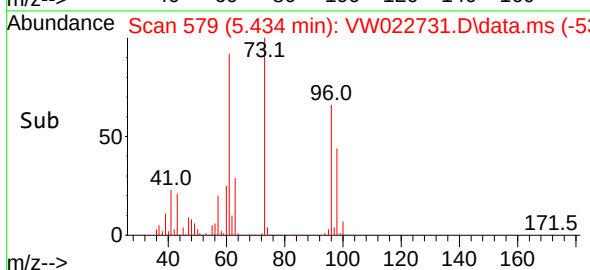
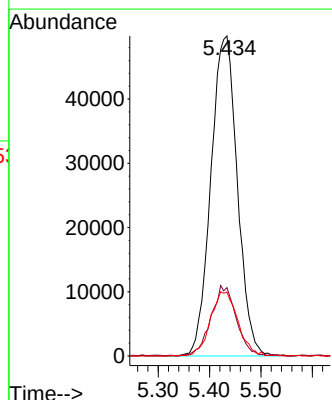
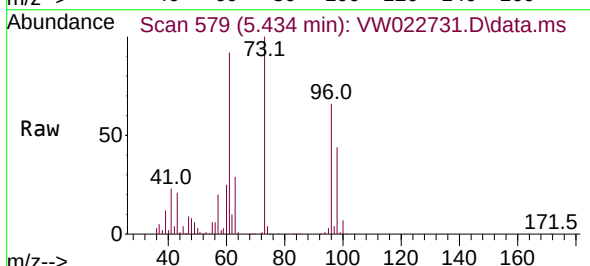
Ion	Ratio	Lower	Upper
96	100		
61	131.7	92.2	171.2
98	61.3	42.9	79.7

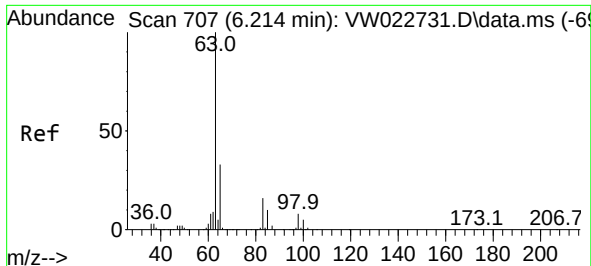


#18
Methyl tert-butyl Ether
Concen: 25.078 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion: 73 Resp: 178263

Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.9	23.9
57	20.6	16.5	24.7





#19

1,1-Dichloroethane

Concen: 24.471 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

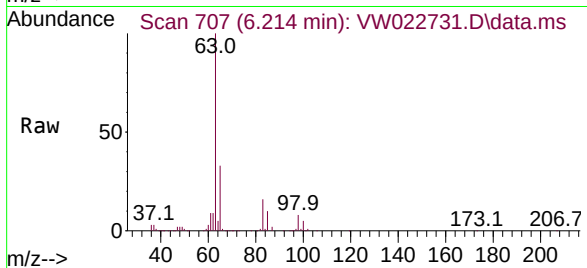
Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

ClientSampleId :



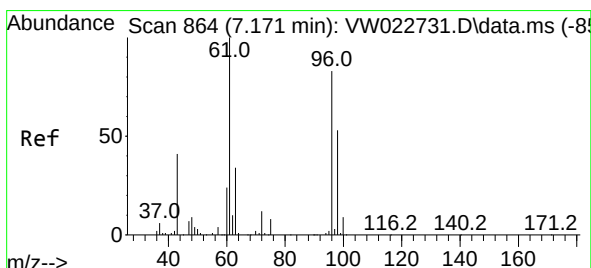
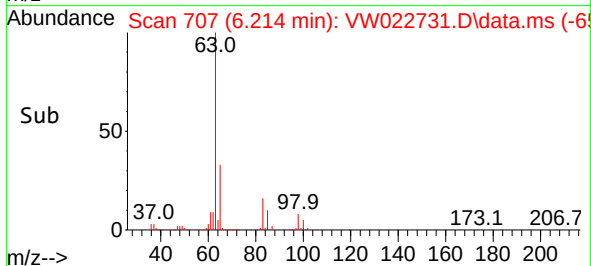
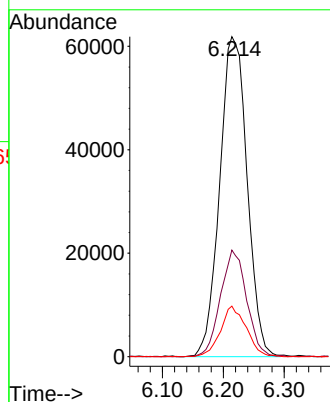
Tgt Ion: 63 Resp: 193555

Ion Ratio Lower Upper

63 100

65 33.3 23.3 43.3

83 15.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.773 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

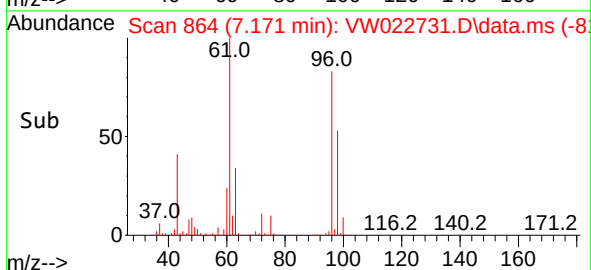
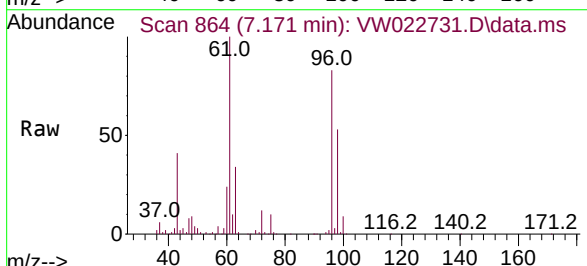
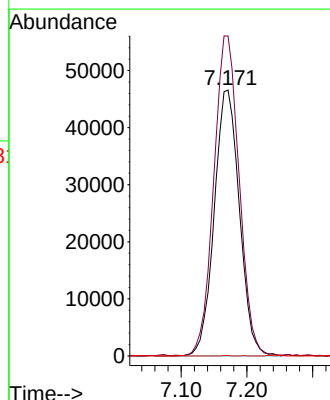
Tgt Ion: 96 Resp: 124177

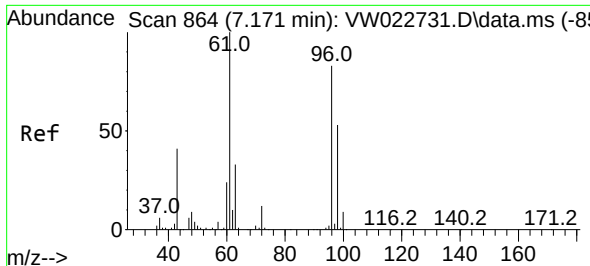
Ion Ratio Lower Upper

96 100

61 120.3 84.2 156.4

68 0.1 0.1 0.1

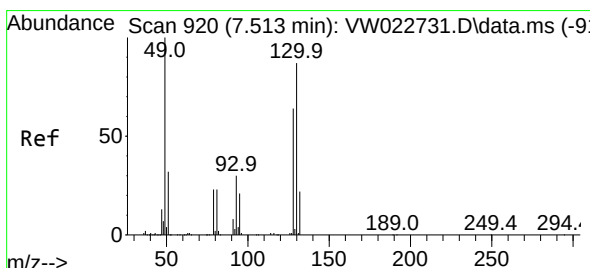
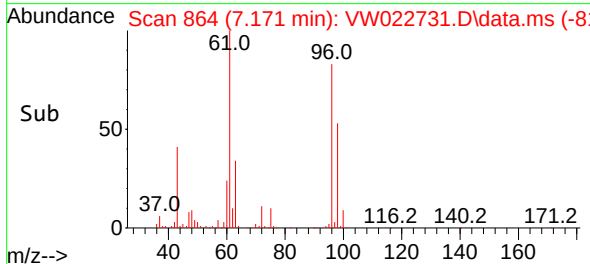
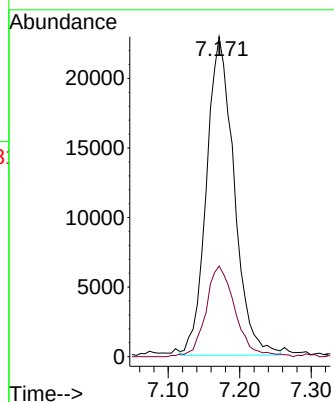
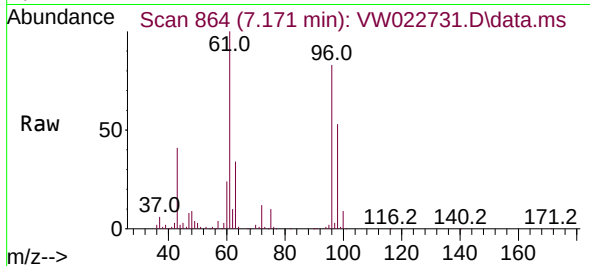




#22
2-Butanone
Concen: 46.511 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

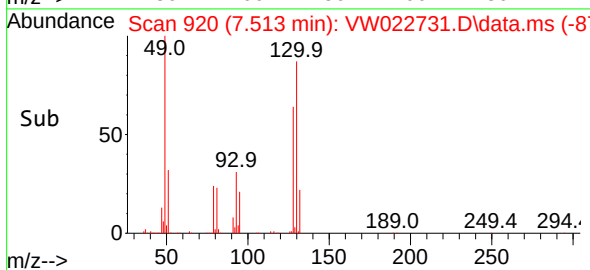
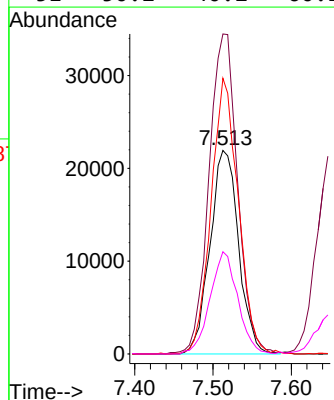
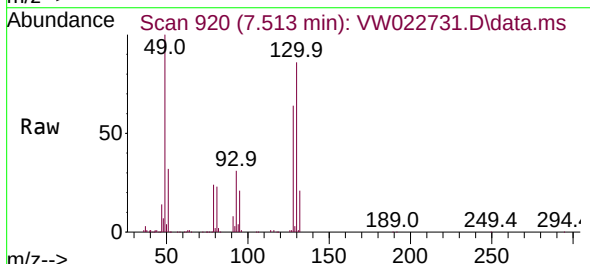
Instrument :
MSVOA_W
ClientSampleId :

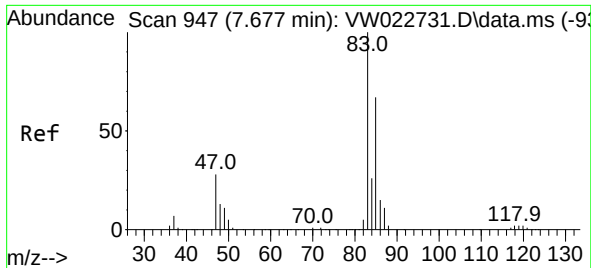
Tgt Ion: 43 Resp: 61416
Ion Ratio Lower Upper
43 100
72 30.2 15.1 45.3



#23
Bromochloromethane
Concen: 23.658 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion: 128 Resp: 55538
Ion Ratio Lower Upper
128 100
49 157.2 110.0 204.4
130 135.4 94.8 176.0
51 50.2 40.2 60.2

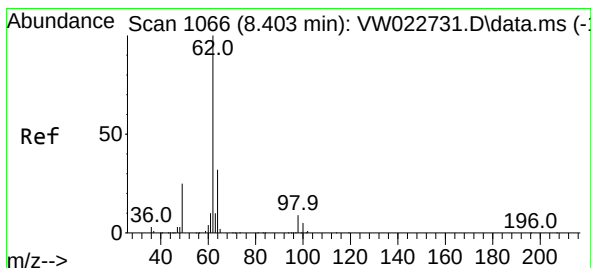
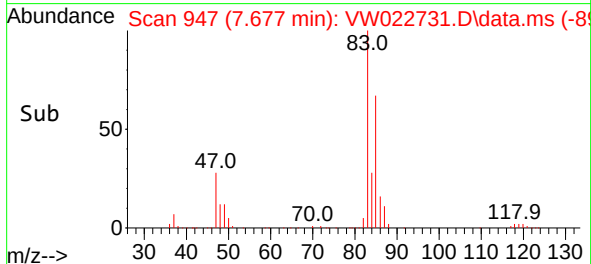
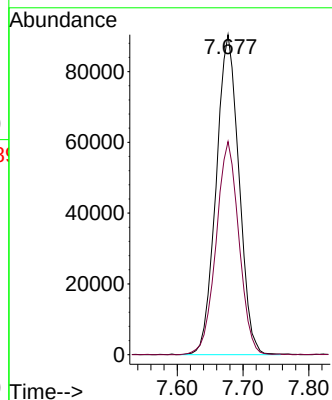
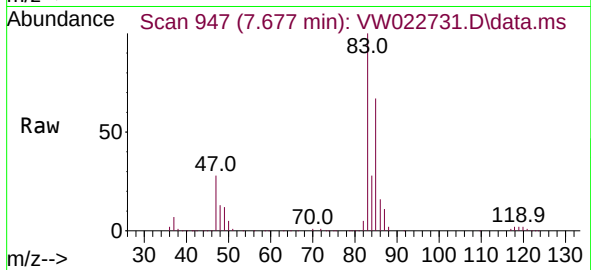




#25
Chloroform
Concen: 24.953 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

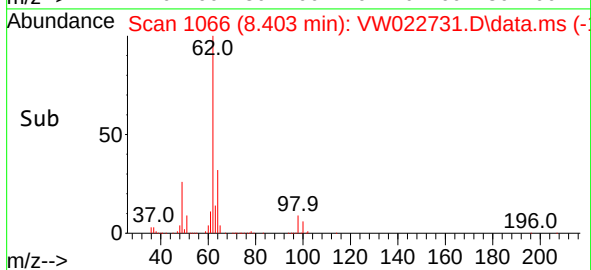
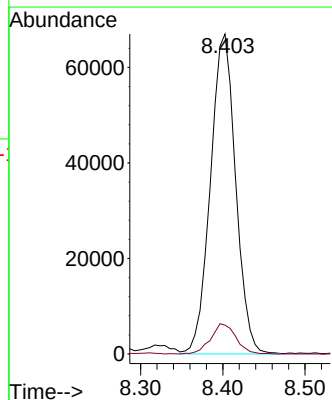
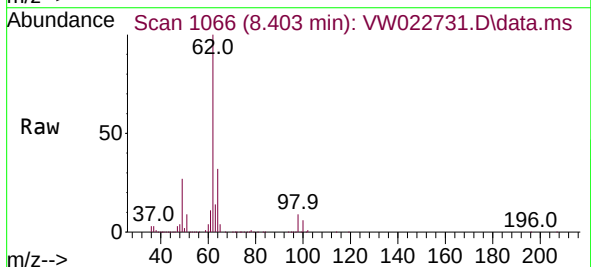
Instrument :
MSVOA_W
ClientSampleId :

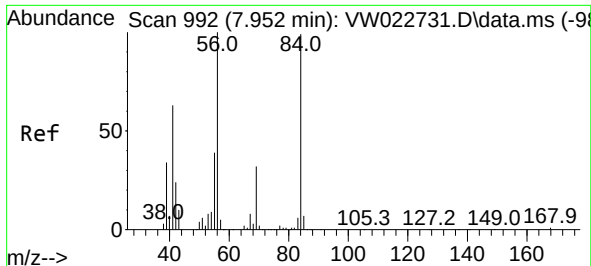
Tgt Ion: 83 Resp: 218241
Ion Ratio Lower Upper
83 100
85 66.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.532 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion: 62 Resp: 143027
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 24.479 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

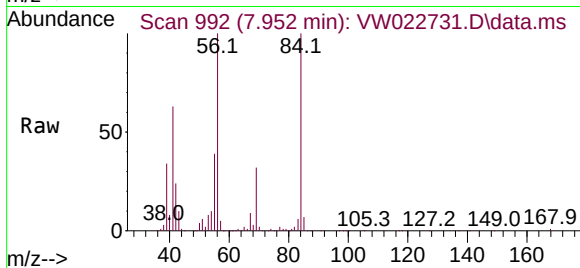
Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

ClientSampleId :



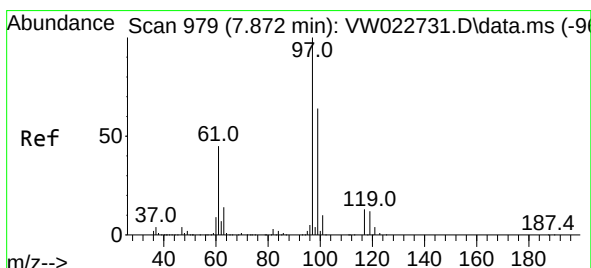
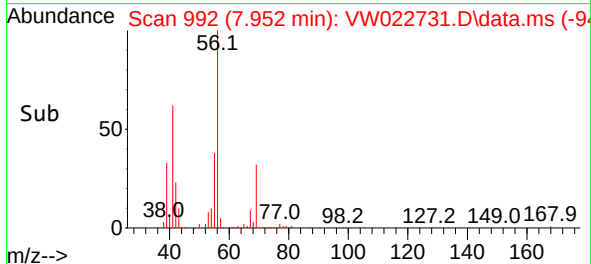
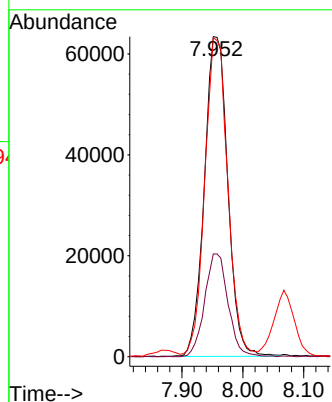
Tgt Ion: 56 Resp: 169697

Ion Ratio Lower Upper

56 100

69 32.0 25.6 38.4

84 97.8 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 25.128 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

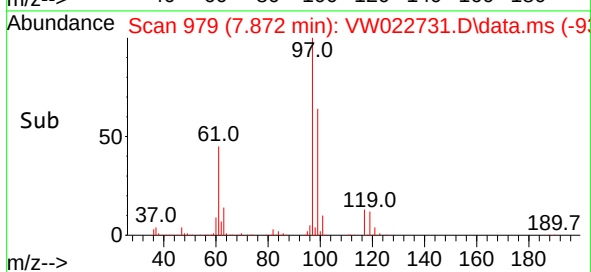
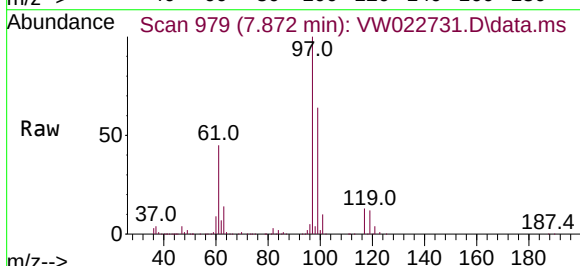
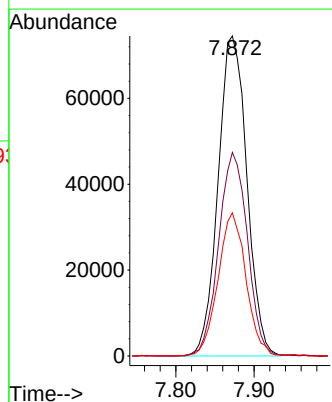
Tgt Ion: 97 Resp: 190340

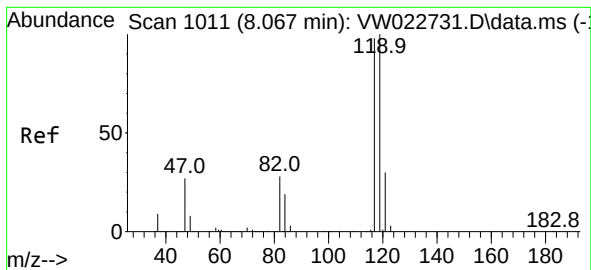
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 43.5 34.8 52.2





#31

Carbon tetrachloride

Concen: 24.278 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

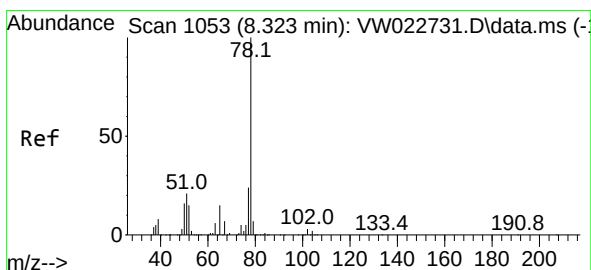
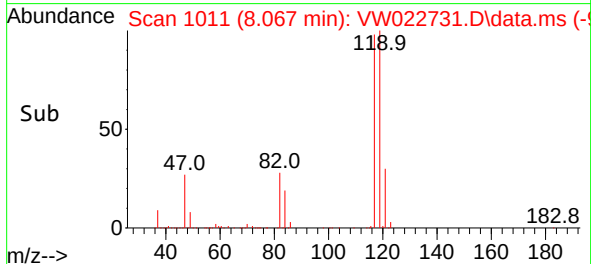
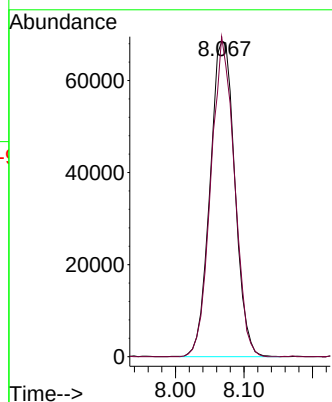
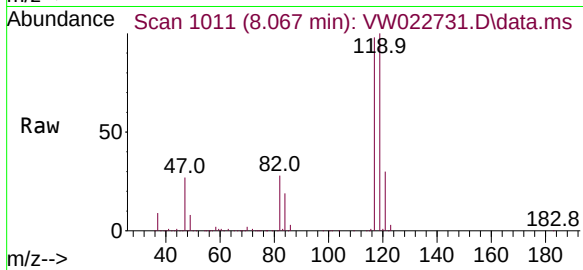
ClientSampleId :

Tgt Ion:117 Resp: 172033

Ion Ratio Lower Upper

117 100

119 95.8 76.6 115.0



#33

Benzene

Concen: 24.367 ug/L

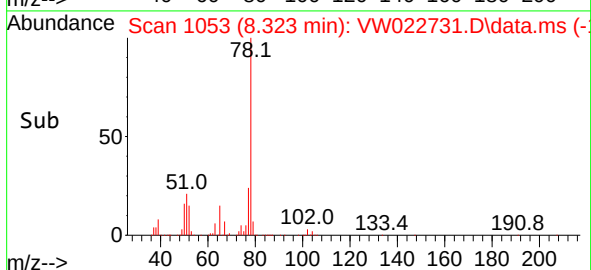
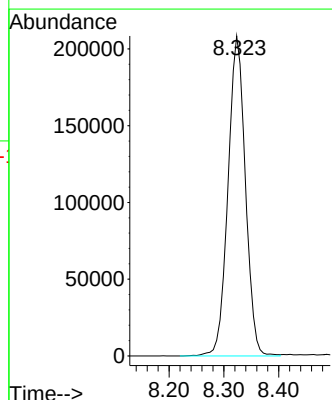
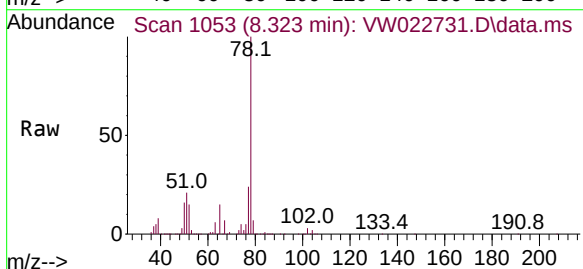
RT: 8.323 min Scan# 1053

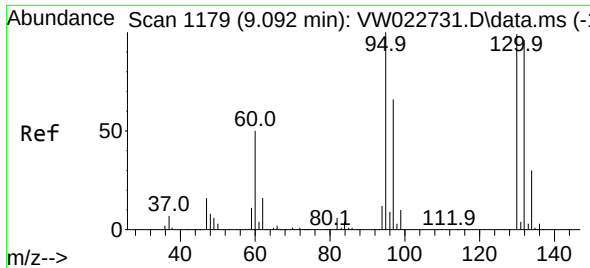
Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Tgt Ion: 78 Resp: 460126

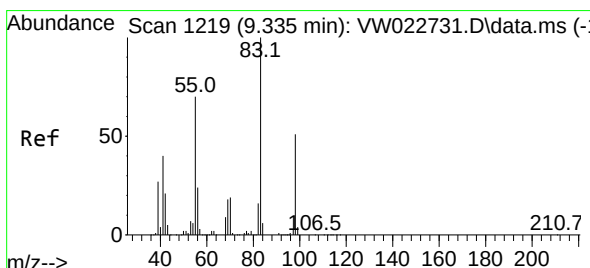
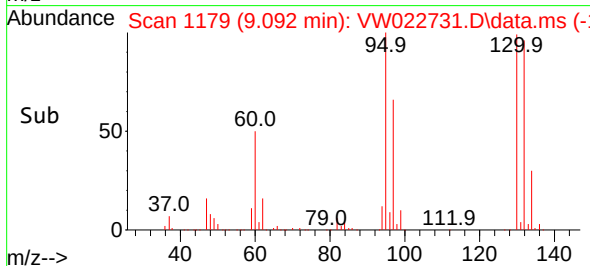
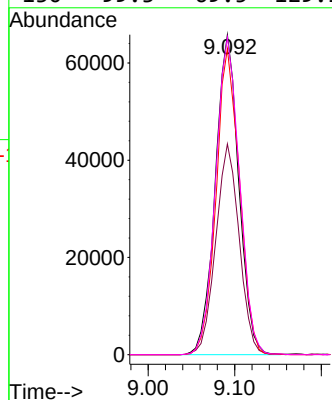
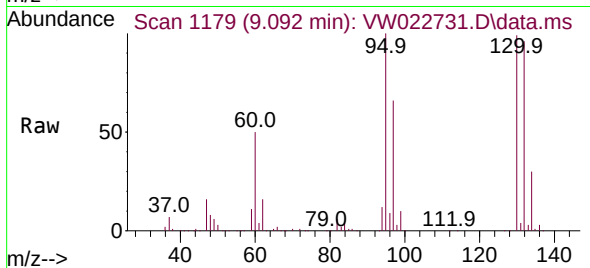




#34
Trichloroethene
Concen: 23.887 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

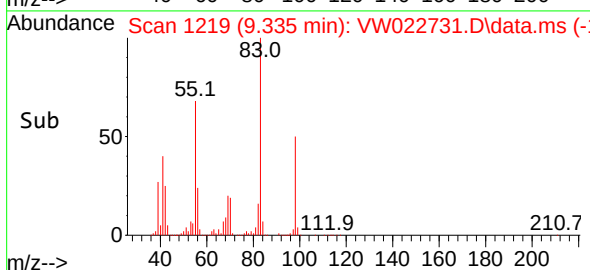
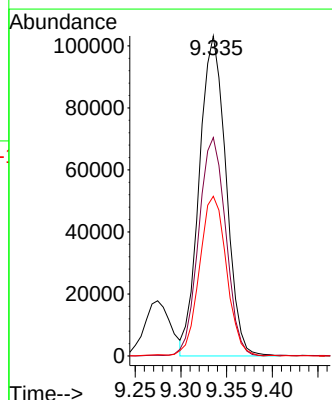
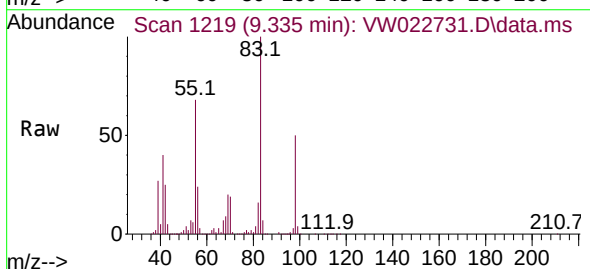
Instrument :
MSVOA_W
ClientSampleId :

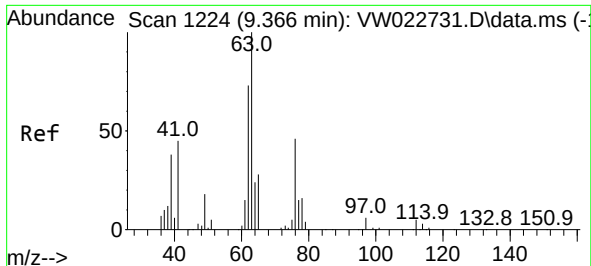
Tgt Ion: 95 Resp: 124046
Ion Ratio Lower Upper
95 100
97 65.9 46.1 85.7
132 95.6 66.9 124.3
130 99.3 69.5 129.1



#35
Methylcyclohexane
Concen: 24.553 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion: 83 Resp: 209463
Ion Ratio Lower Upper
83 100
55 68.9 55.1 82.7
98 50.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.092 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

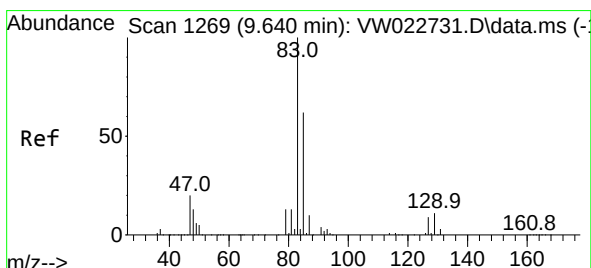
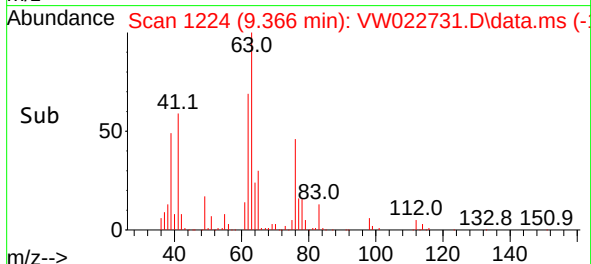
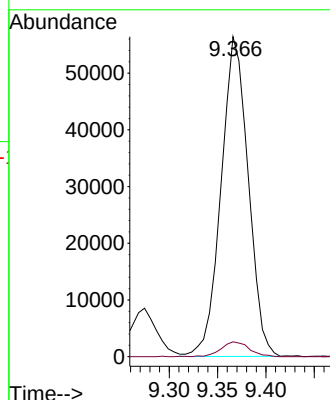
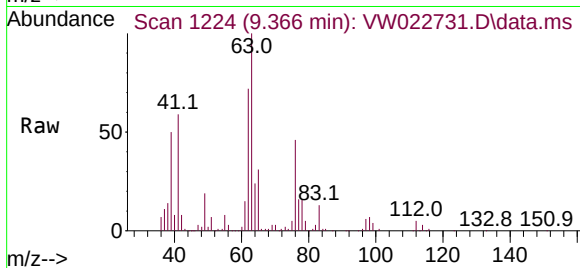
ClientSampleId :

Tgt Ion: 63 Resp: 110093

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 24.605 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

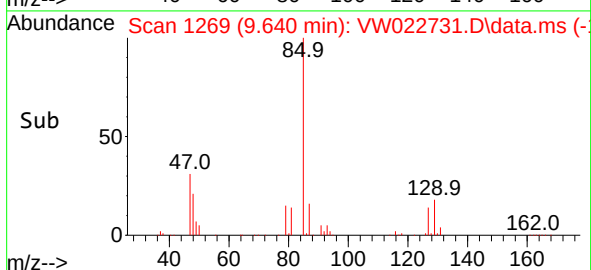
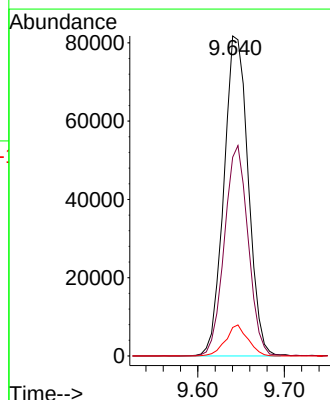
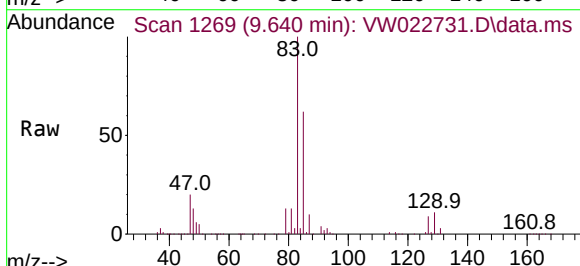
Tgt Ion: 83 Resp: 159701

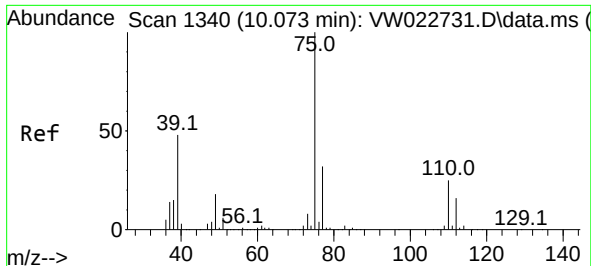
Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.7

127 8.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.344 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

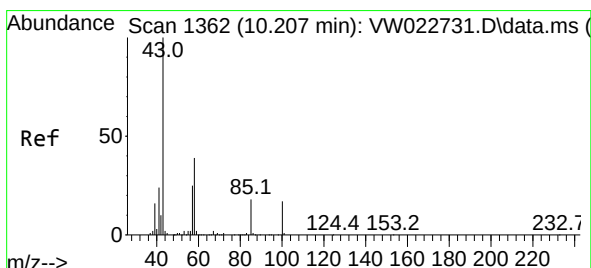
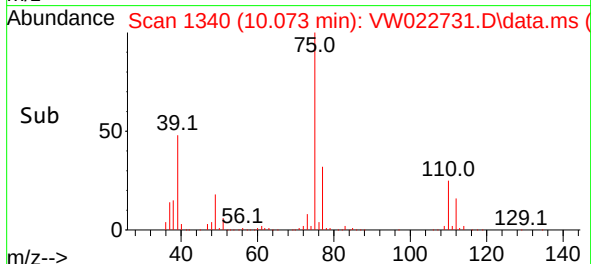
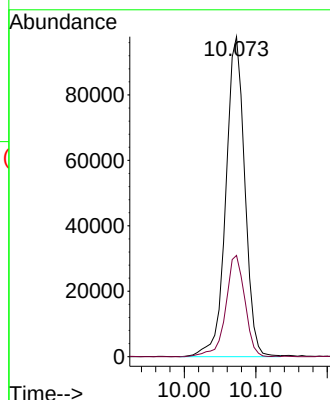
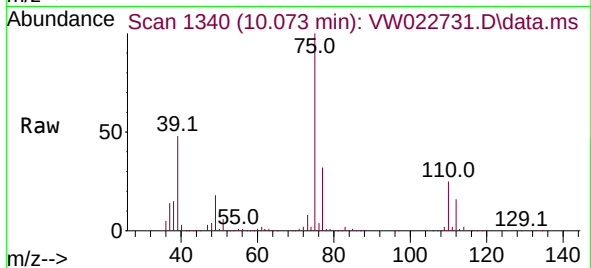
ClientSampleId :

Tgt Ion: 75 Resp: 179575

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.315 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

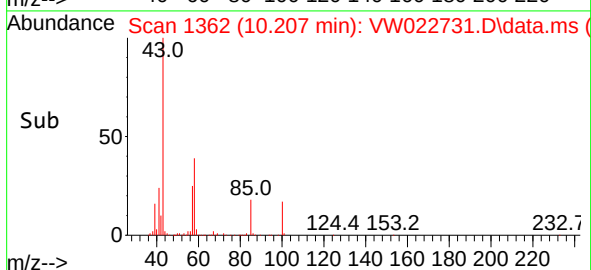
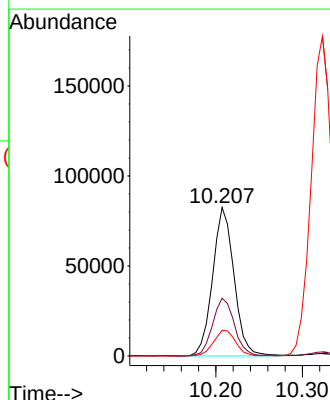
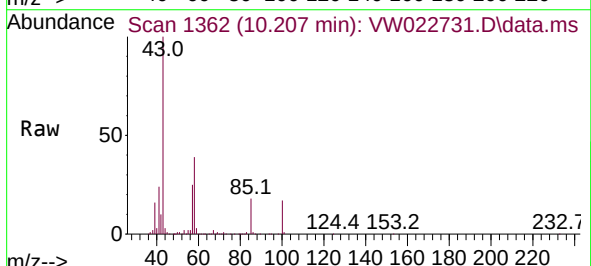
Tgt Ion: 43 Resp: 142038

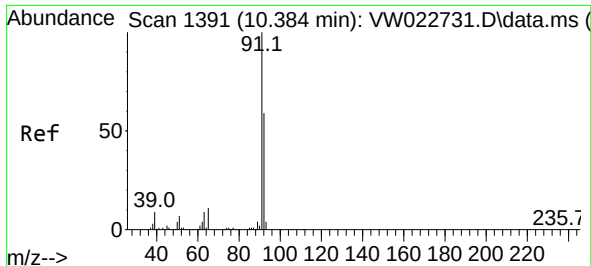
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 17.8 14.2 21.4

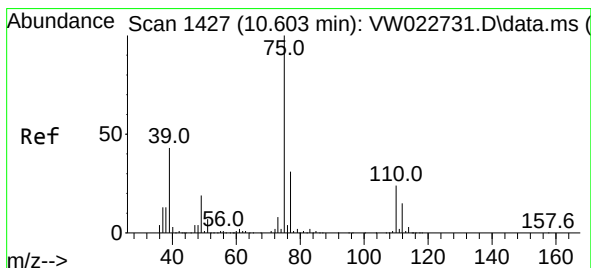
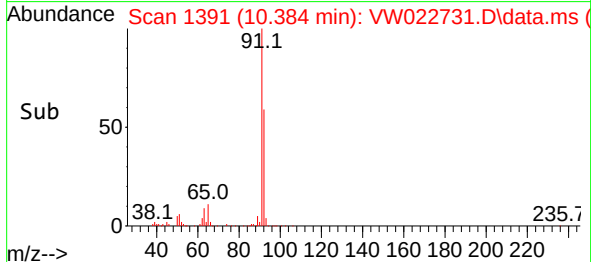
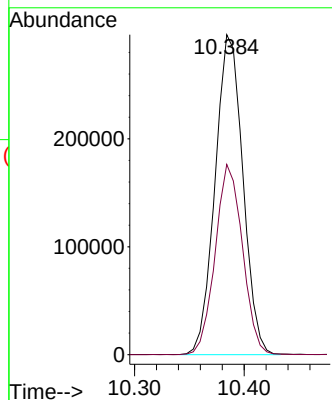
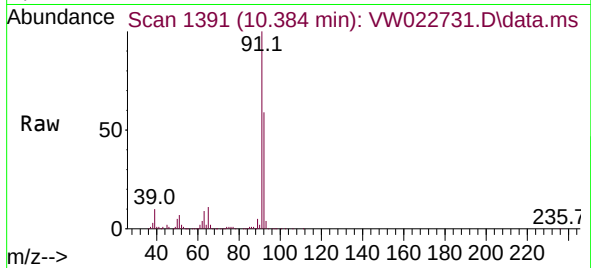




#42
Toluene
Concen: 24.706 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

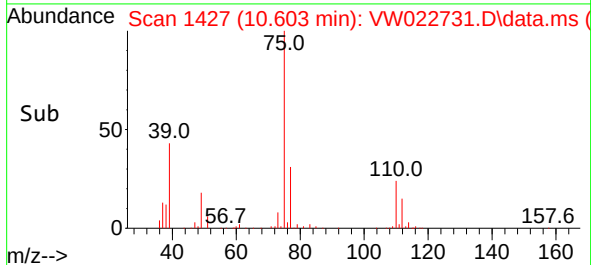
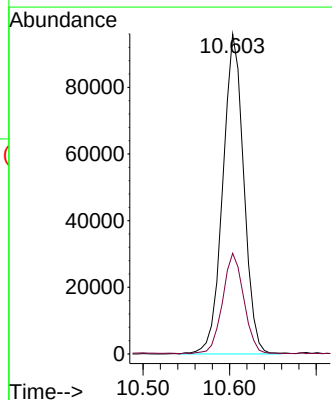
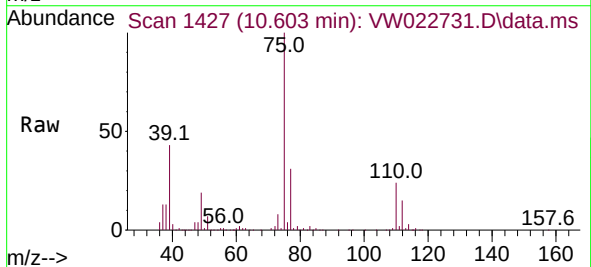
Instrument :
MSVOA_W
ClientSampleId :

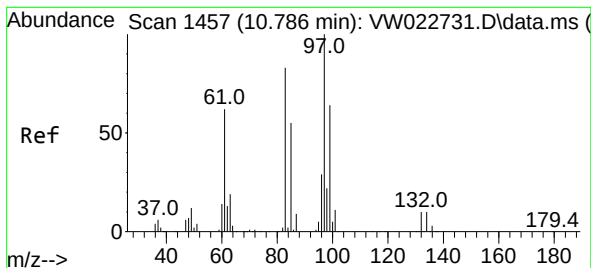
Tgt Ion: 91 Resp: 522836
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.535 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion: 75 Resp: 161490
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.081 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 91993

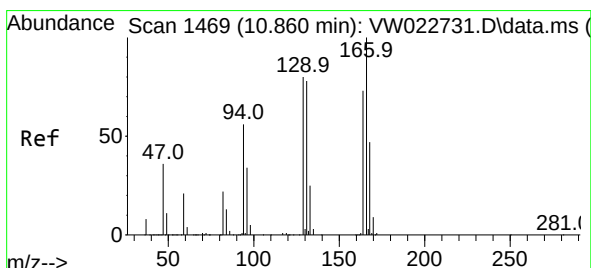
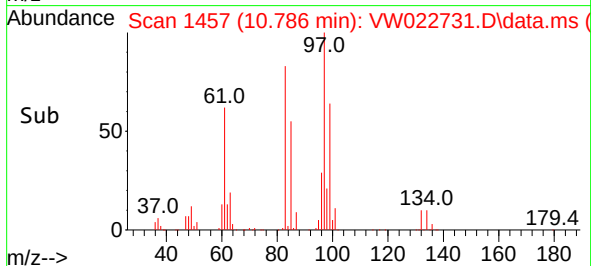
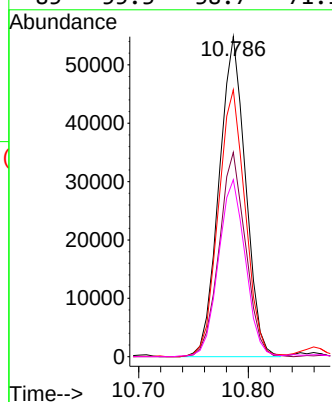
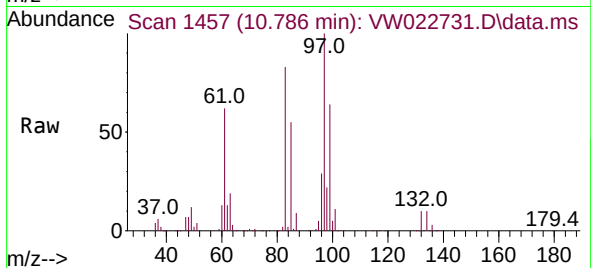
Ion Ratio Lower Upper

97 100

99 63.8 44.7 82.9

83 83.4 58.4 108.4

85 55.3 38.7 71.9



#46

Tetrachloroethene

Concen: 23.543 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Tgt Ion:164 Resp: 91882

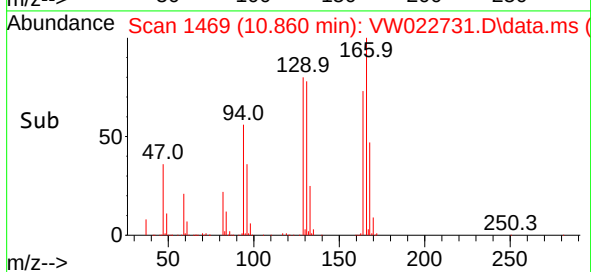
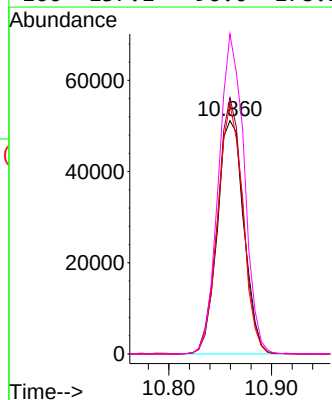
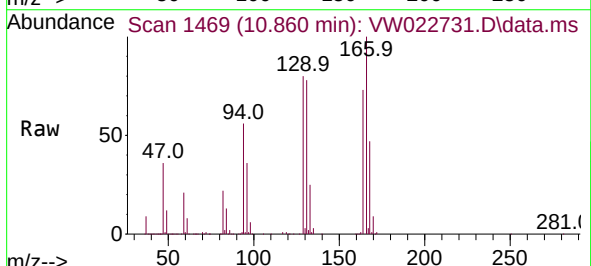
Ion Ratio Lower Upper

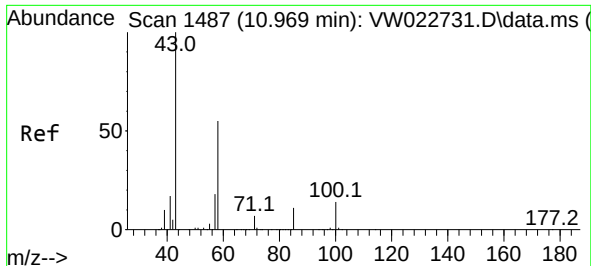
164 100

129 109.8 76.9 142.7

131 107.3 75.1 139.5

166 137.1 96.0 178.2

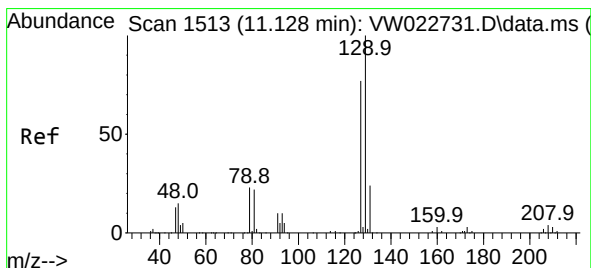
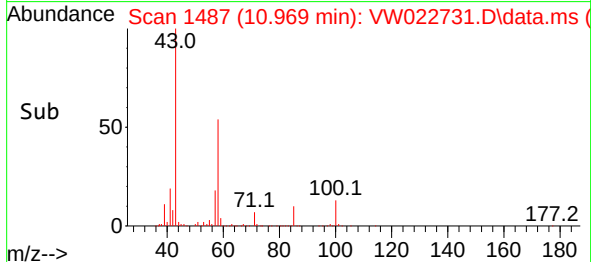
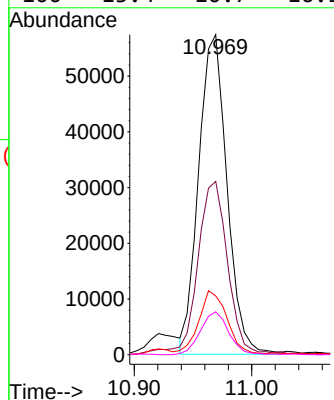
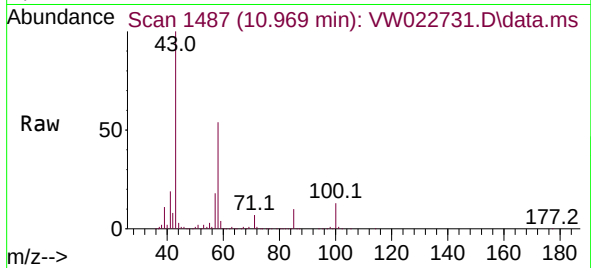




#48
2-Hexanone
Concen: 50.052 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

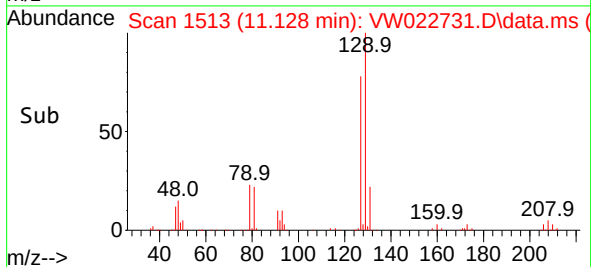
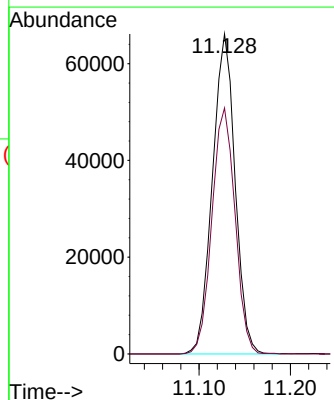
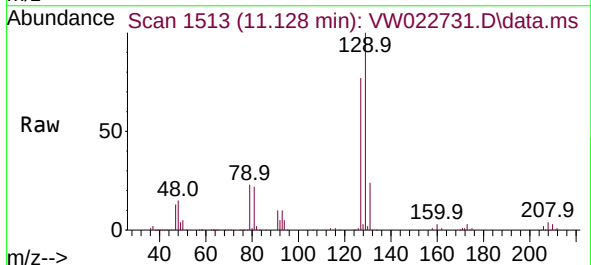
Instrument :
MSVOA_W
ClientSampleId :

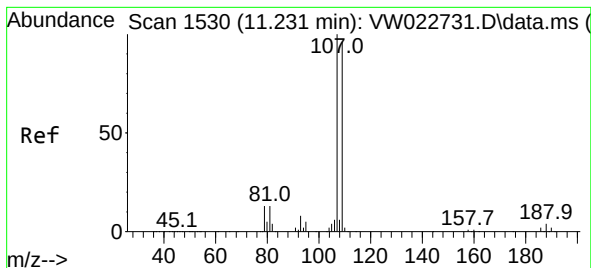
Tgt Ion: 43 Resp: 96322
Ion Ratio Lower Upper
43 100
58 57.4 45.9 68.9
57 20.2 16.2 24.2
100 13.4 10.7 16.1



#49
Dibromochloromethane
Concen: 24.766 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion:129 Resp: 113867
Ion Ratio Lower Upper
129 100
127 76.9 53.8 100.0

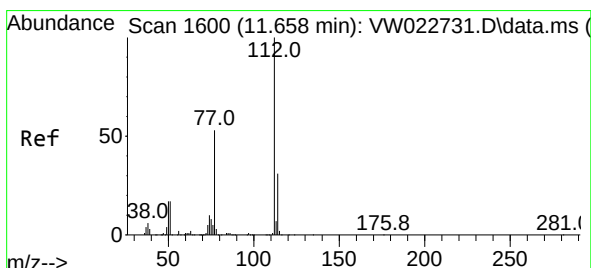
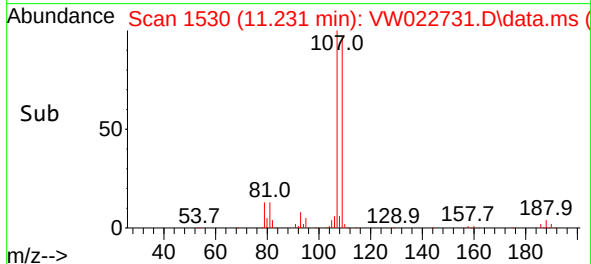
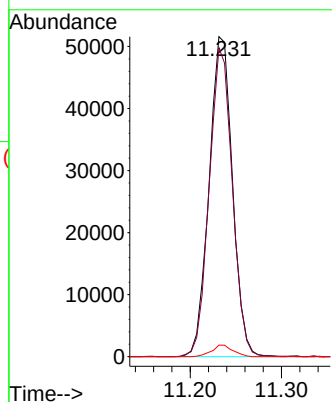
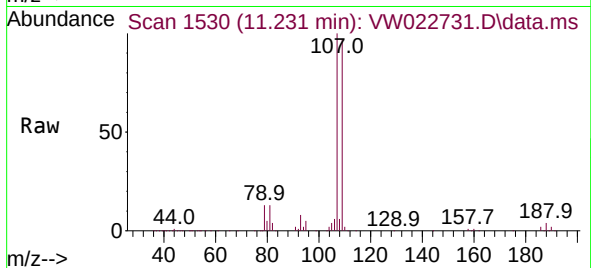




#50
1,2-Dibromoethane
Concen: 23.883 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

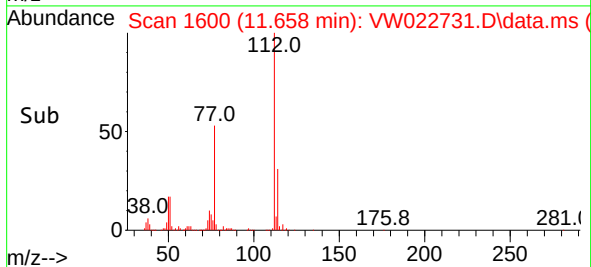
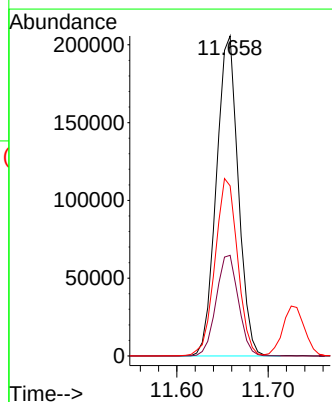
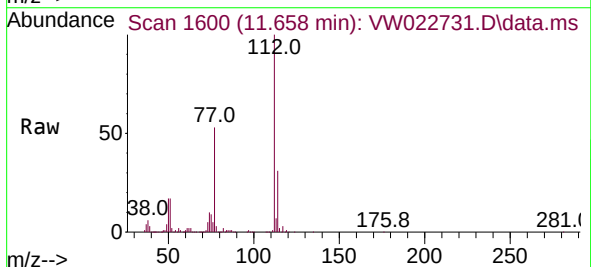
Instrument :
MSVOA_W
ClientSampleId :

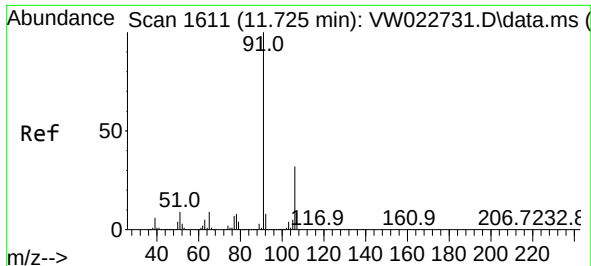
Tgt Ion:107 Resp: 91611
Ion Ratio Lower Upper
107 100
109 96.5 67.5 125.4
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 24.577 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion:112 Resp: 342878
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 53.2 42.6 63.8

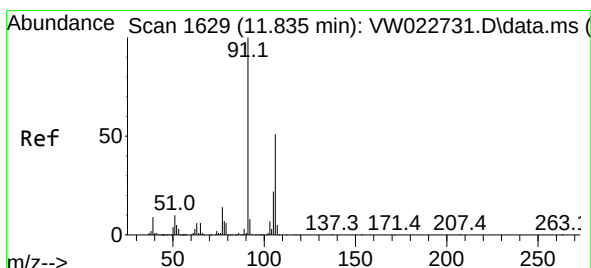
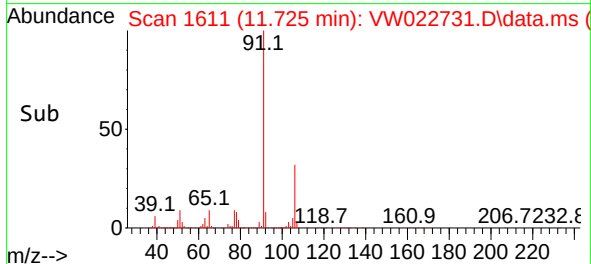
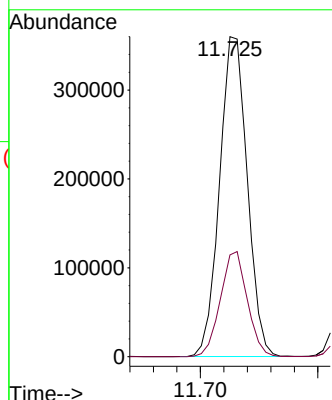
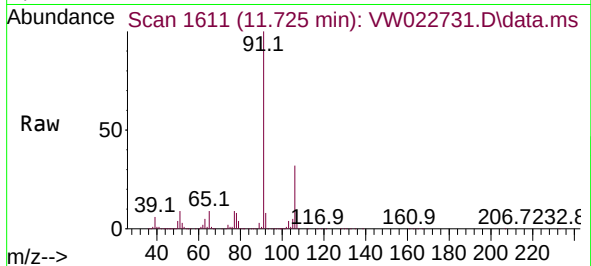




#52
Ethylbenzene
Concen: 25.047 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

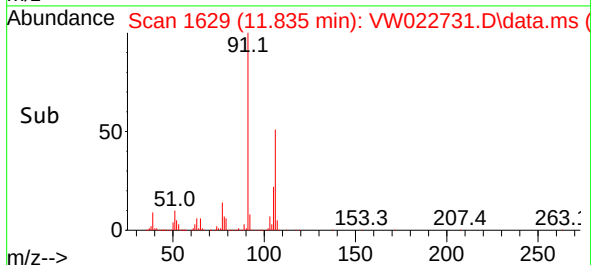
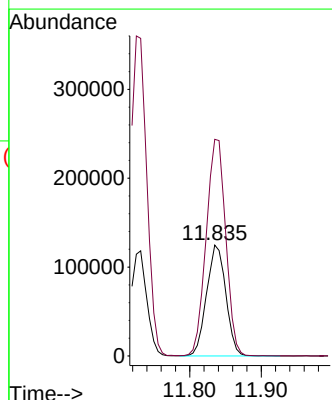
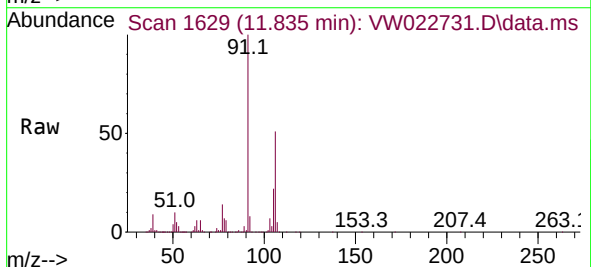
Instrument :
MSVOA_W
ClientSampleId :

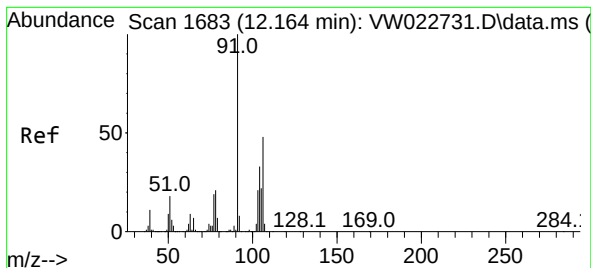
Tgt Ion: 91 Resp: 589685
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3



#53
m,p-Xylene
Concen: 25.132 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion:106 Resp: 233144
Ion Ratio Lower Upper
106 100
91 195.4 136.8 254.0





#54

o-Xylene

Concen: 25.174 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

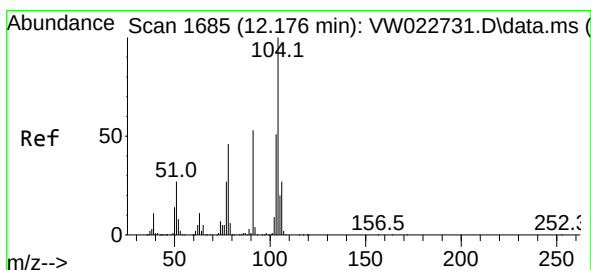
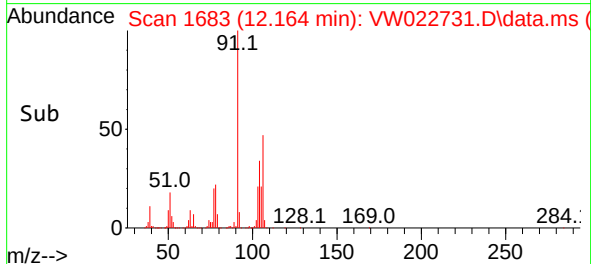
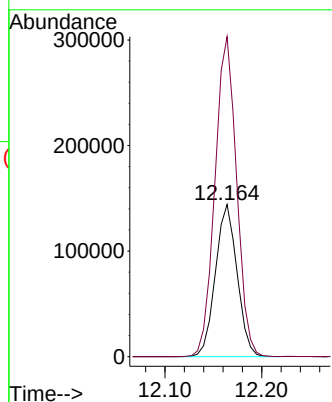
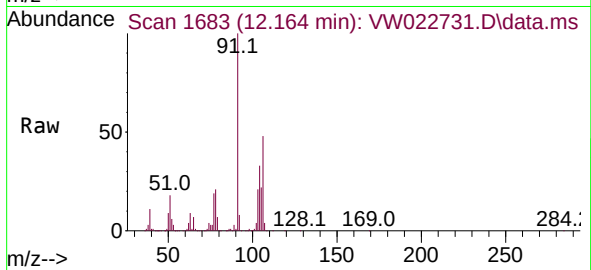
ClientSampleId :

Tgt Ion:106 Resp: 224103

Ion Ratio Lower Upper

106 100

91 210.3 147.2 273.4



#55

Styrene

Concen: 25.969 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022731.D

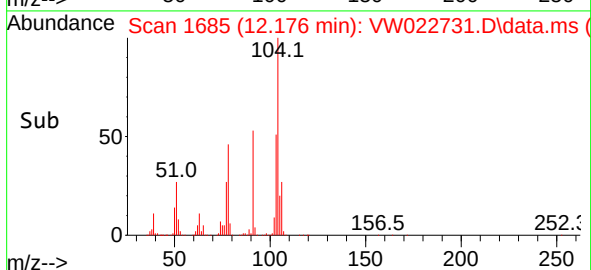
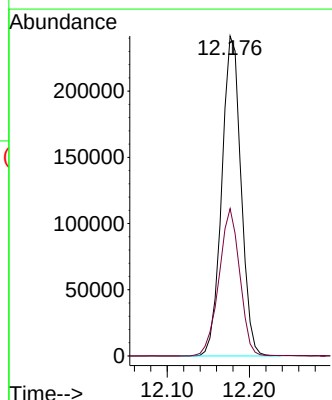
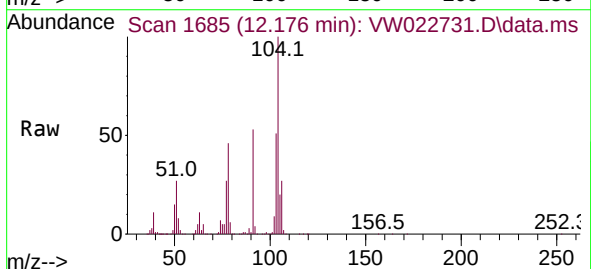
Acq: 02 May 2022 10:46

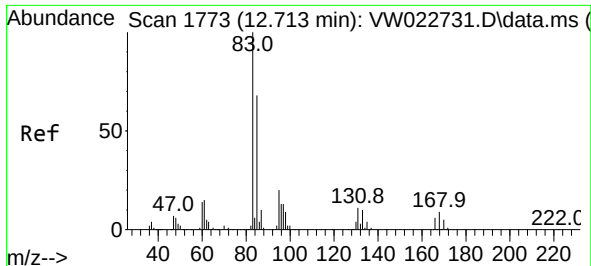
Tgt Ion:104 Resp: 392821

Ion Ratio Lower Upper

104 100

78 46.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.349 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

ClientSampleId :

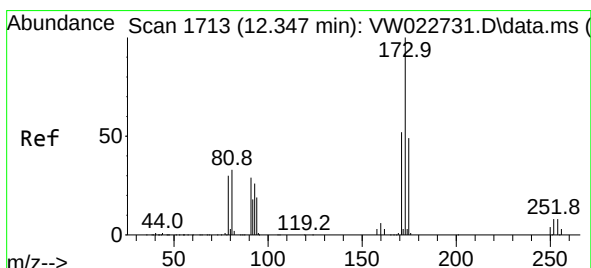
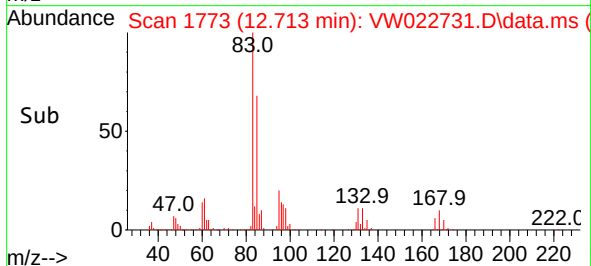
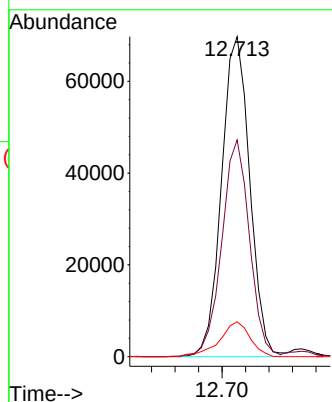
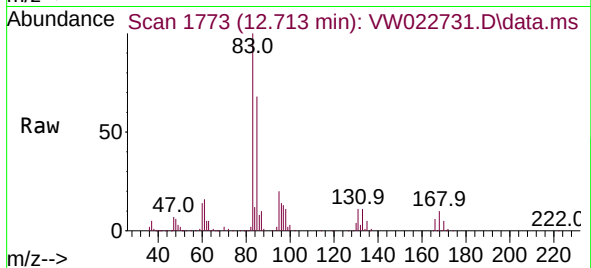
Tgt Ion: 83 Resp: 116178

Ion Ratio Lower Upper

83 100

85 67.8 47.5 88.1

131 10.9 8.7 13.1



#59

Bromoform

Concen: 24.303 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

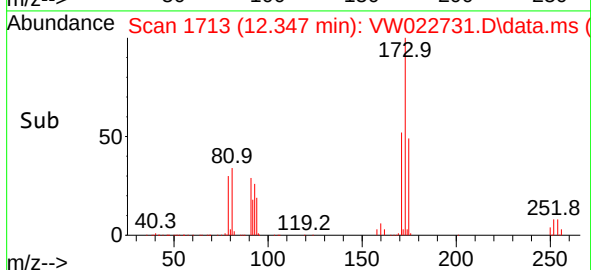
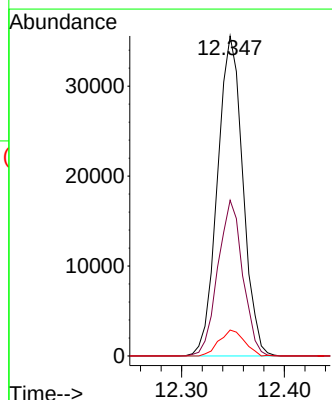
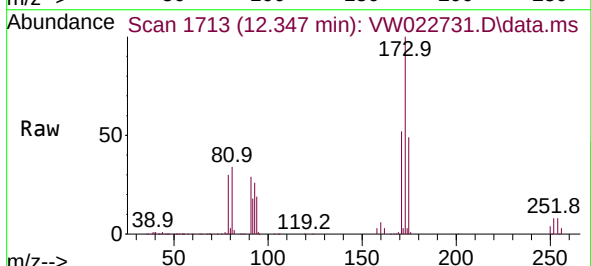
Tgt Ion: 173 Resp: 61114

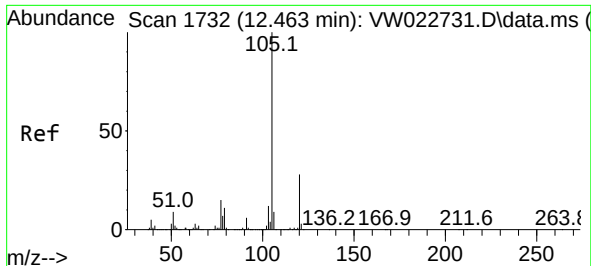
Ion Ratio Lower Upper

173 100

175 47.6 38.1 57.1

254 8.1 6.5 9.7

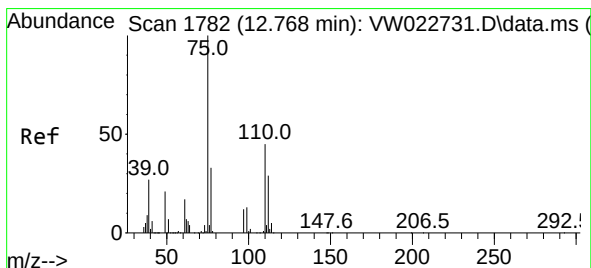
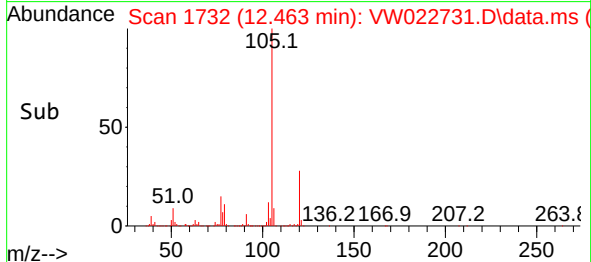
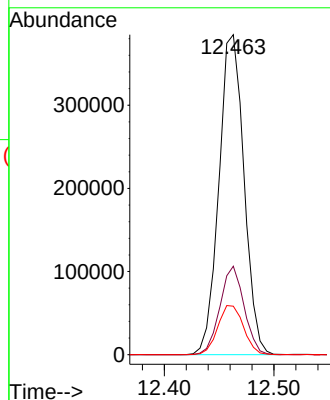
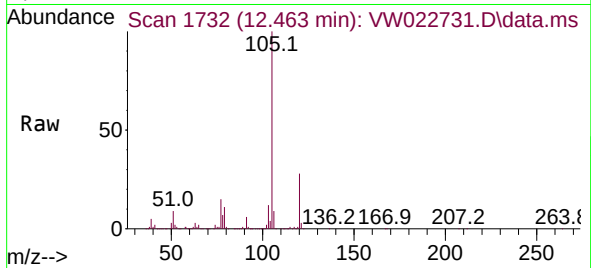




#60
Isopropylbenzene
Concen: 25.189 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

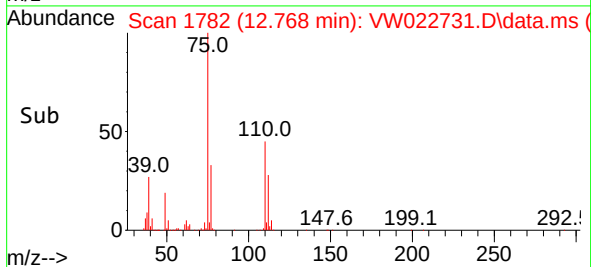
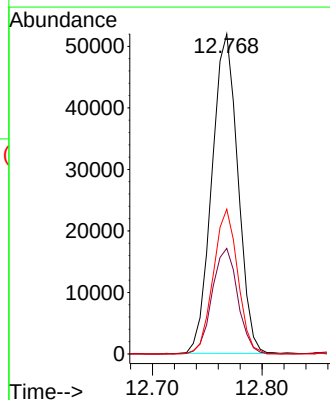
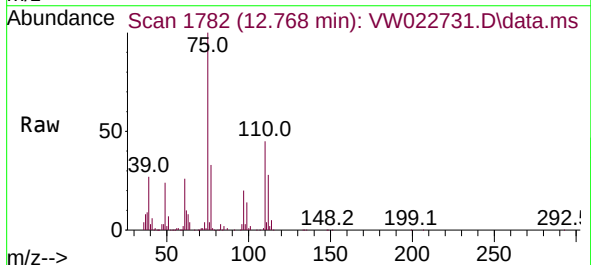
Instrument :
MSVOA_W
ClientSampleId :

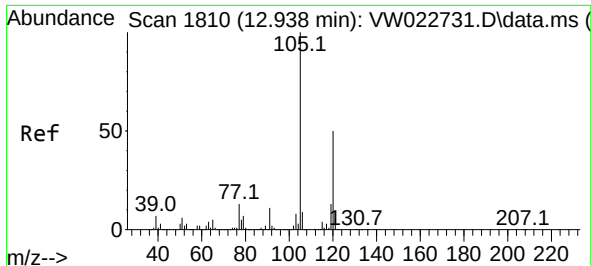
Tgt Ion:105 Resp: 612310
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.133 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion: 75 Resp: 85563
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 42.6 34.1 51.1

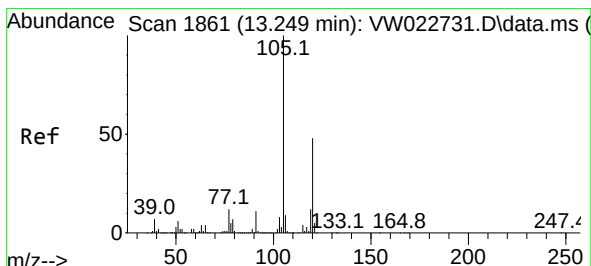
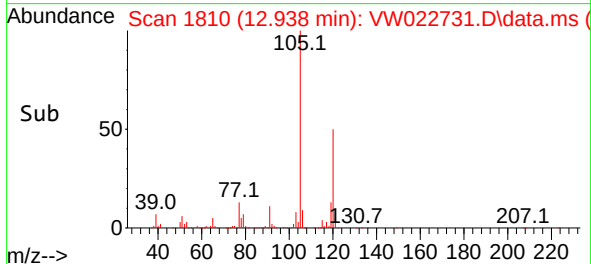
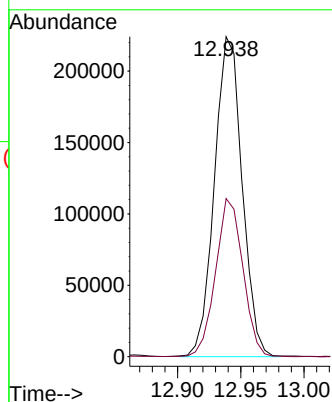
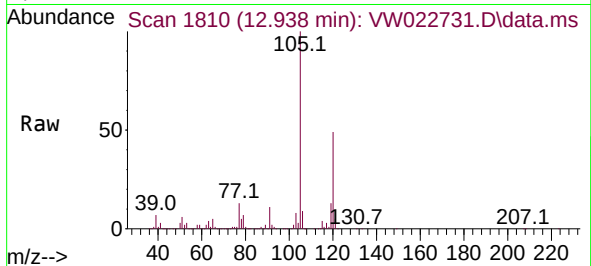




#62
 1,3,5-Trimethylbenzene
 Concen: 25.234 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022731.D
 Acq: 02 May 2022 10:46

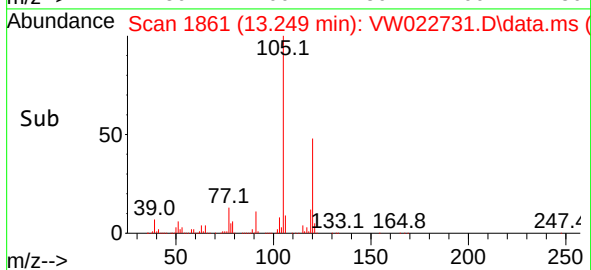
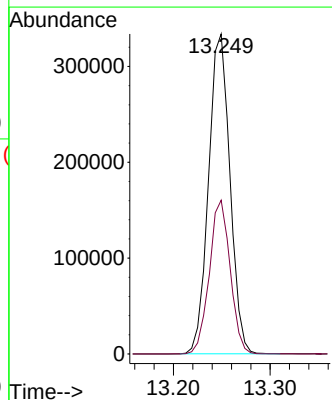
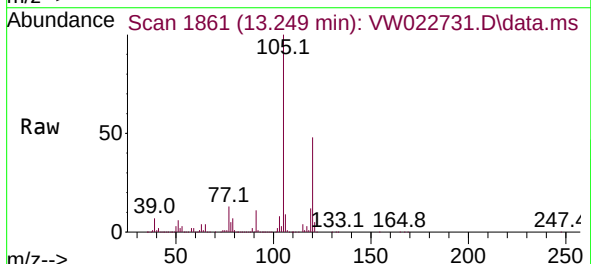
Instrument :
 MSVOA_W
 ClientSampleId :

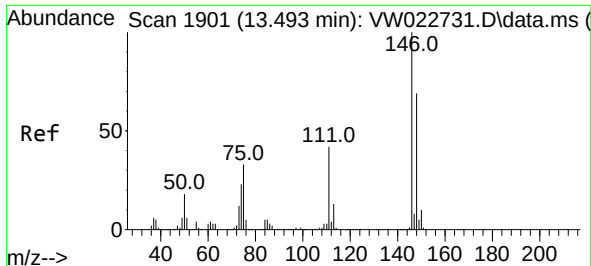
Tgt Ion:105 Resp: 341270
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 25.302 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022731.D
 Acq: 02 May 2022 10:46

Tgt Ion:105 Resp: 513790
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.4 56.2

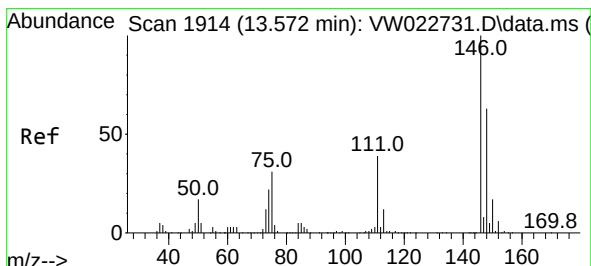
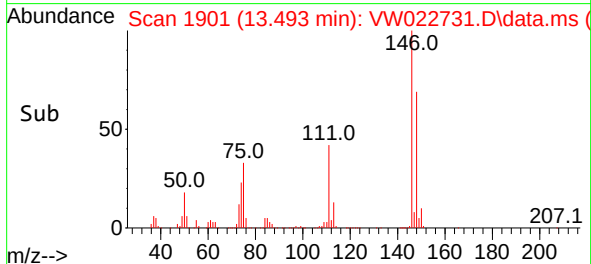
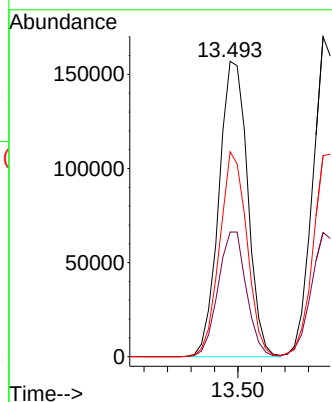
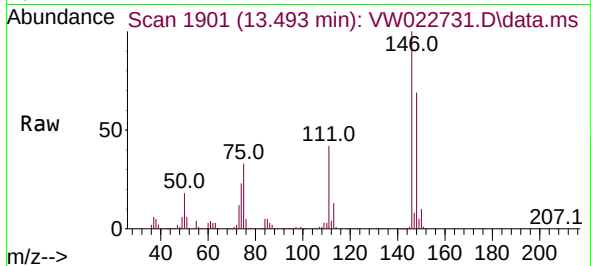




#64
1,3-Dichlorobenzene
Concen: 24.550 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

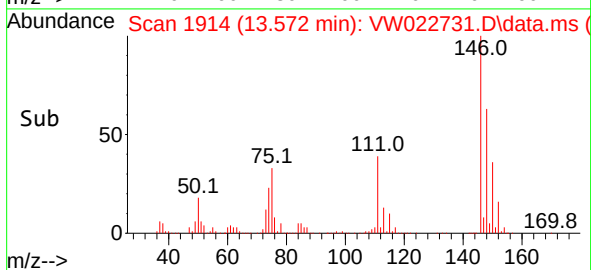
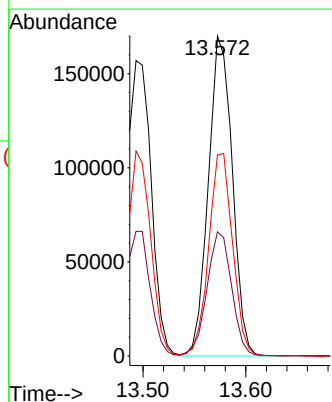
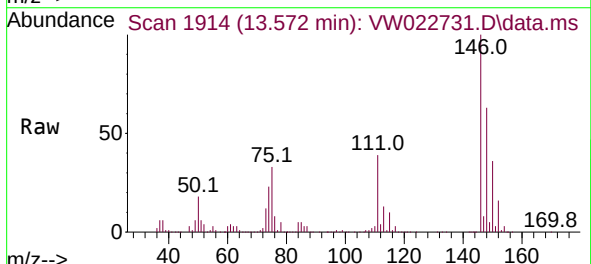
Instrument :
MSVOA_W
ClientSampleId :

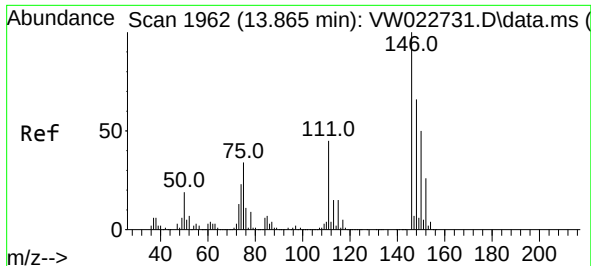
Tgt Ion:146 Resp: 266445
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 69.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.545 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion:146 Resp: 275159
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.4
148 62.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.794 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

ClientSampleId :

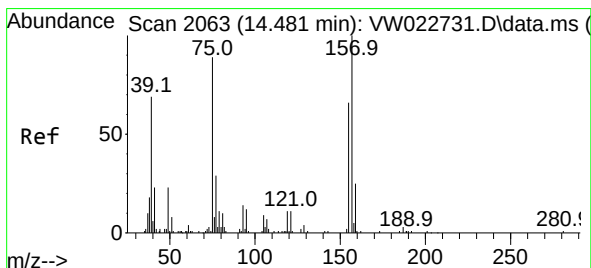
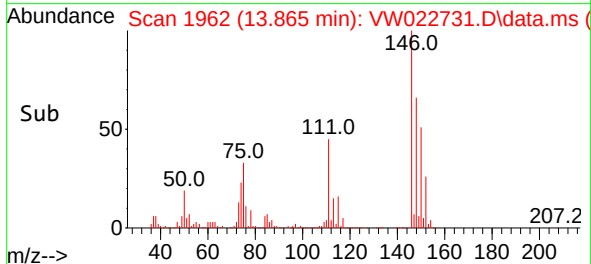
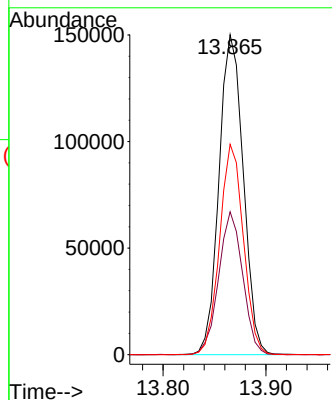
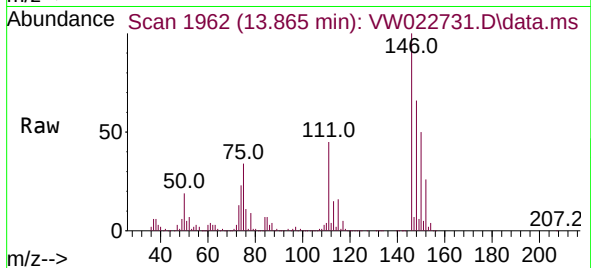
Tgt Ion:146 Resp: 246240

Ion Ratio Lower Upper

146 100

111 44.6 35.7 53.5

148 65.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.584 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

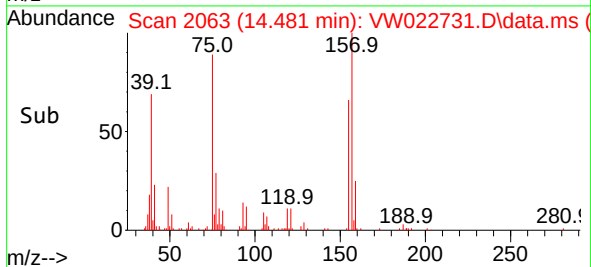
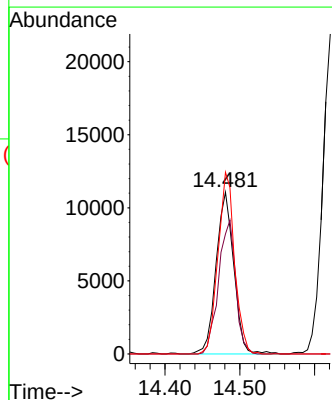
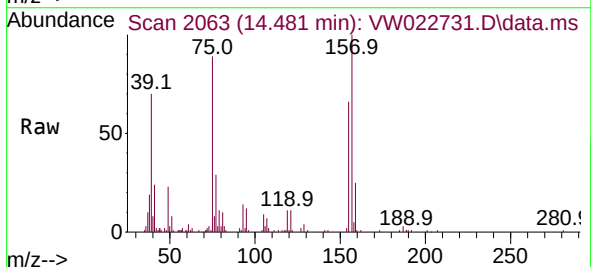
Tgt Ion: 75 Resp: 18274

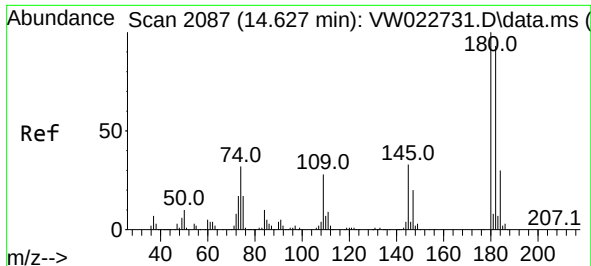
Ion Ratio Lower Upper

75 100

155 74.1 59.3 88.9

157 112.3 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 24.777 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

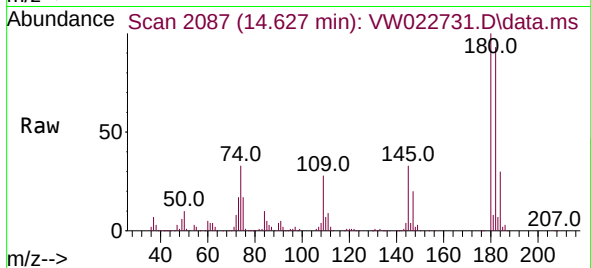
Lab File: VW022731.D

Acq: 02 May 2022 10:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 178495

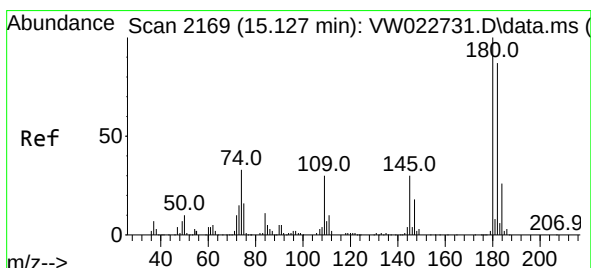
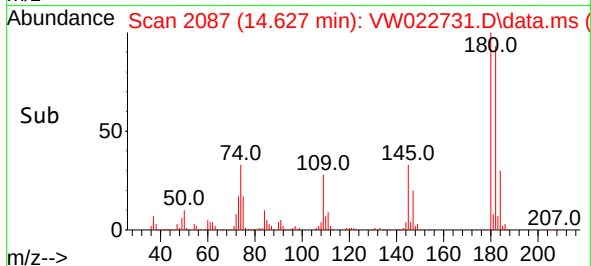
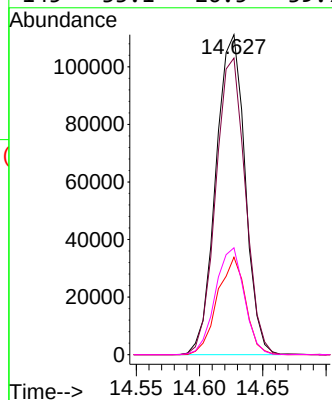
Ion Ratio Lower Upper

180 100

182 93.5 74.8 112.2

184 29.3 23.4 35.2

145 33.1 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.867 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022731.D

Acq: 02 May 2022 10:46

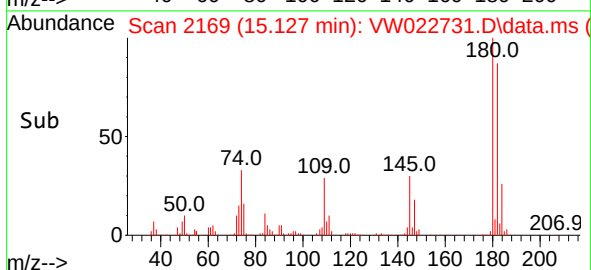
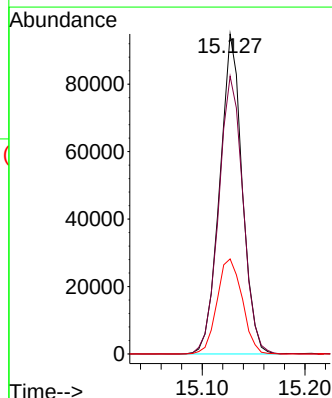
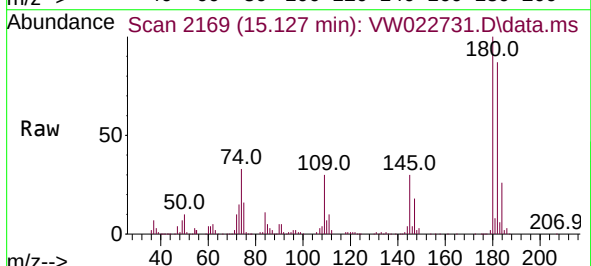
Tgt Ion:180 Resp: 144106

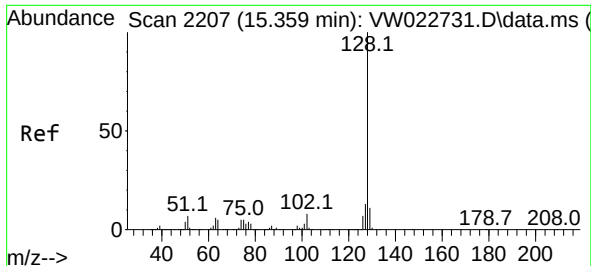
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 33.2 26.6 39.8

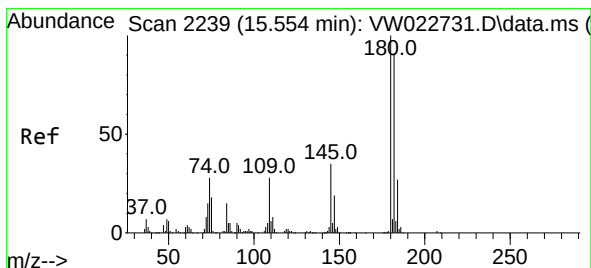
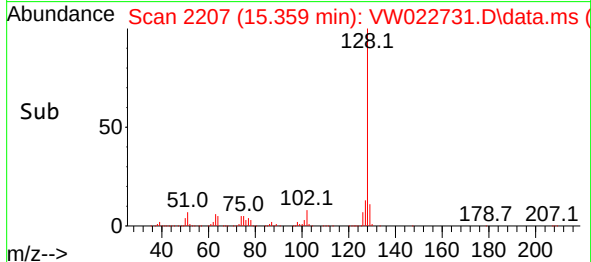
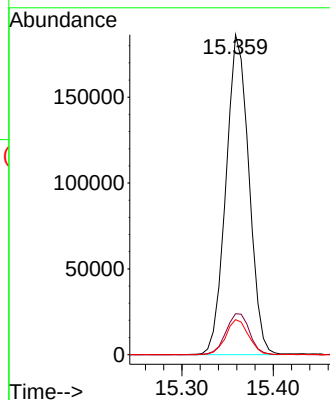
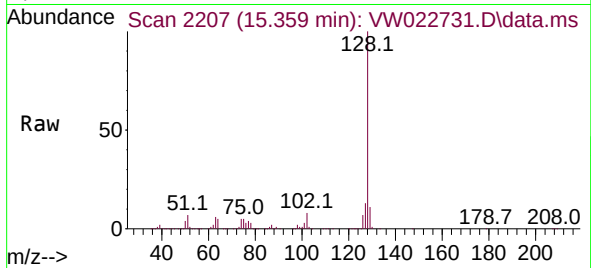




#71
Naphthalene
Concen: 25.842 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 325492
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.214 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW022731.D
Acq: 02 May 2022 10:46

Tgt Ion:180 Resp: 129506
Ion Ratio Lower Upper
180 100
182 91.9 73.5 110.3
145 34.9 27.9 41.9

