

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023161.D
 Acq On : 19 May 2022 04:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 19 04:57:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 04:23:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	263271	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	264999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	161999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	126100	23.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
7) Chloroethane-d5	2.885	69	100442	28.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.320%
11) 1,1-Dichloroethene-d2	4.025	63	157862	22.619	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	7.080	46	61321	59.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.420%
24) Chloroform-d	7.653	84	228680	29.648	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.600%
26) 1,2-Dichloroethane-d4	8.305	65	127017	30.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.080%
32) Benzene-d6	8.274	84	430064	28.156	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.640%
36) 1,2-Dichloropropane-d6	9.274	67	128958	30.056	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.240%#
41) Toluene-d8	10.323	98	414995	28.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.520%
43) trans-1,3-Dichloroprop...	10.579	79	53941	27.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.200%
47) 2-Hexanone-d5	10.920	63	48785	59.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	138572	34.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.600%#
66) 1,2-Dichlorobenzene-d4	13.853	152	165650	29.252	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	28619	19.941	ug/L	98
3) Chloromethane	2.215	50	67089	24.191	ug/L	99
5) Vinyl chloride	2.361	62	110803	19.908	ug/L	99
6) Bromomethane	2.775	94	73710	20.626	ug/L	84
8) Chloroethane	2.922	64	63161	23.528	ug/L	92
9) Trichlorofluoromethane	3.257	101	46026	18.093	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	85252	22.413	ug/L	98
12) 1,1-Dichloroethene	4.043	96	69284	20.547	ug/L	91
13) Acetone	4.135	43	30694	39.920	ug/L	94
14) Carbon disulfide	4.385	76	139591	15.100	ug/L	98
15) Methyl Acetate	4.678	43	38599	24.988	ug/L	100
16) Methylene chloride	4.921	84	103572	26.886	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	81216	21.403	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	158890	27.430	ug/L	99
19) 1,1-Dichloroethane	6.220	63	159397	24.785	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	98798	24.241	ug/L #	96
22) 2-Butanone	7.177	43	49820	46.332	ug/L	99
23) Bromochloromethane	7.512	128	48042	25.170	ug/L	94
25) Chloroform	7.677	83	185176	26.040	ug/L	99

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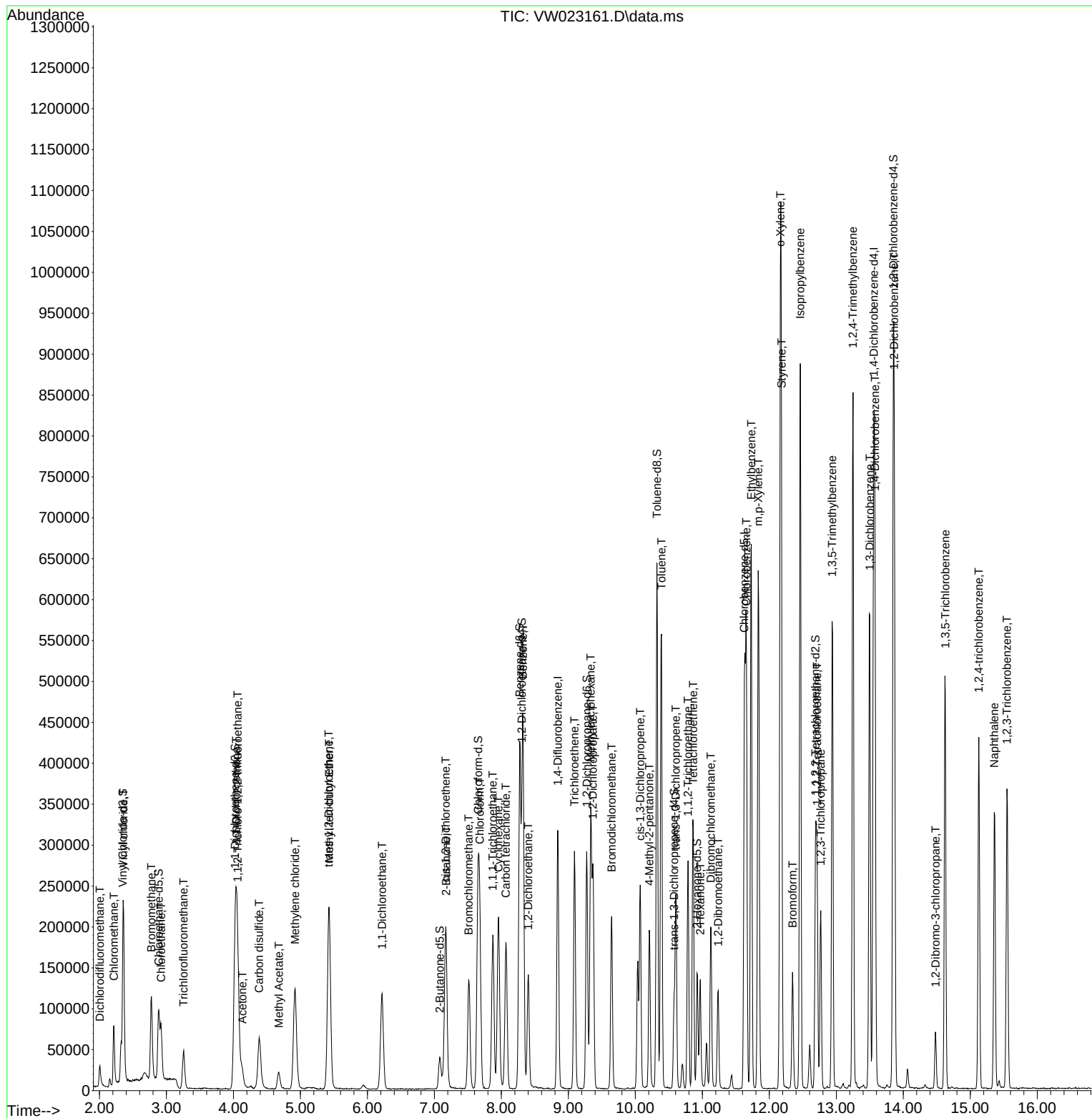
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	123896	26.137	ug/L	100
29) Cyclohexane	7.957	56	109078	19.033	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	147457	23.546	ug/L	99
31) Carbon tetrachloride	8.067	117	129781	22.154	ug/L	99
33) Benzene	8.323	78	373638	23.934	ug/L	100
34) Trichloroethene	9.091	95	98119	22.854	ug/L	96
35) Methylcyclohexane	9.335	83	141341	20.040	ug/L	98
37) 1,2-Dichloropropane	9.366	63	95551	25.292	ug/L	100
38) Bromodichloromethane	9.646	83	134252	25.019	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	141727	24.194	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	119567	50.213	ug/L	97
42) Toluene	10.390	91	418249	23.906	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	125729	24.047	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	83769	26.525	ug/L	97
46) Tetrachloroethene	10.865	164	70601	21.882	ug/L	85
48) 2-Hexanone	10.969	43	77596	48.772	ug/L	99
49) Dibromochloromethane	11.128	129	100979	26.566	ug/L	91
50) 1,2-Dibromoethane	11.237	107	80374	25.345	ug/L	97
51) Chlorobenzene	11.658	112	288133	24.981	ug/L	98
52) Ethylbenzene	11.731	91	475584	24.434	ug/L	99
53) m,p-Xylene	11.835	106	204089	26.611	ug/L	98
54) o-Xylene	12.164	106	196634	26.718	ug/L	94
55) Styrene	12.182	104	340628	27.238	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	118226	29.971	ug/L	95
59) Bromoform	12.347	173	59390	25.869	ug/L	99
60) Isopropylbenzene	12.463	105	559379	25.205	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	84141	25.994	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	300631	24.349	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	457026	24.652	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	241189	24.341	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	256704	25.082	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	236237	26.054	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15981	22.590	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	143495	21.817	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	123453	23.334	ug/L	100
71) Naphthalene	15.359	128	289368	25.164	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	113842	24.277	ug/L	99

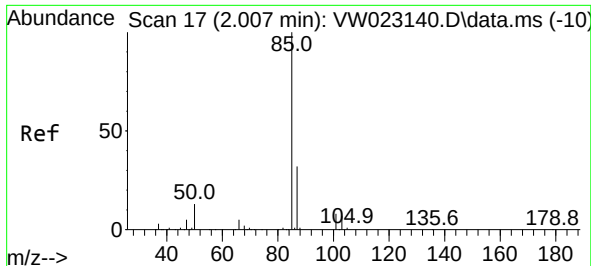
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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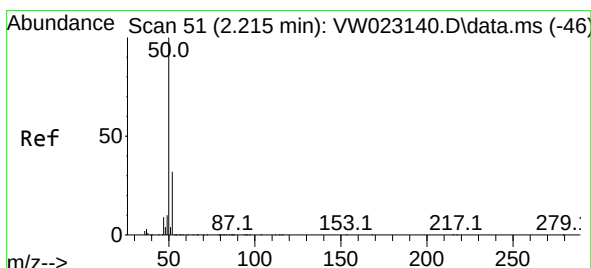
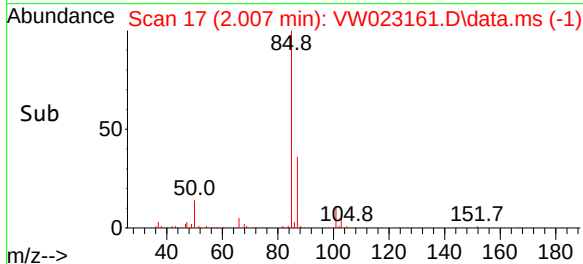
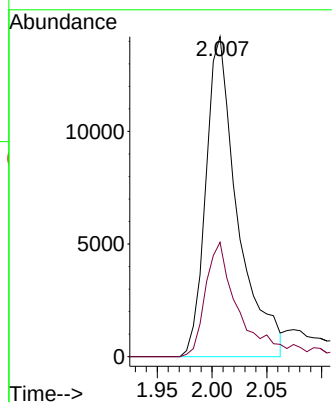
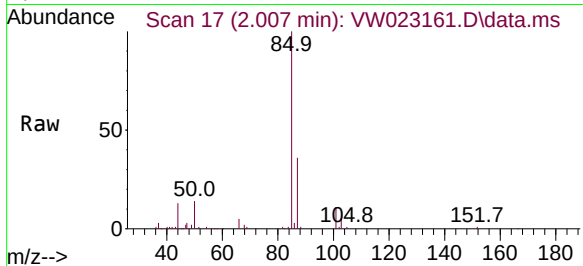




#2
 Dichlorodifluoromethane
 Concen: 19.941 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW023161.D
 Acq: 19 May 2022 04:06

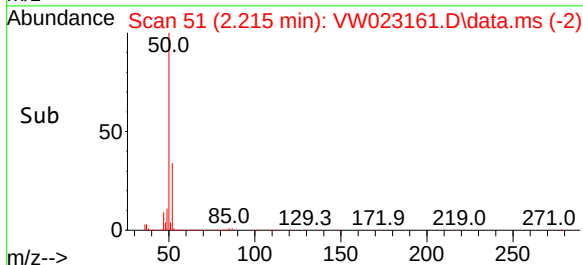
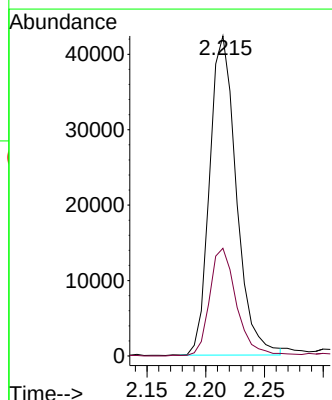
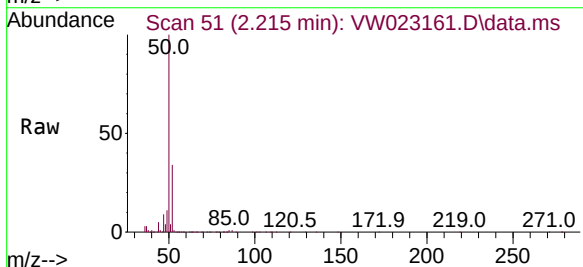
Instrument :
 MSVOA_W
 ClientSampleId :

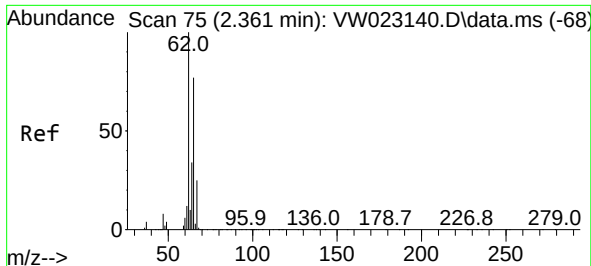
Tgt Ion: 85 Resp: 28619
 Ion Ratio Lower Upper
 85 100
 87 36.2 27.8 41.8



#3
 Chloromethane
 Concen: 24.191 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023161.D
 Acq: 19 May 2022 04:06

Tgt Ion: 50 Resp: 67089
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.1 42.9

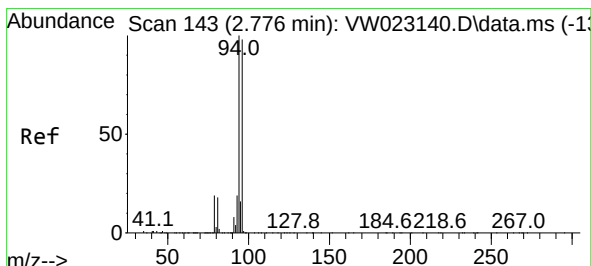
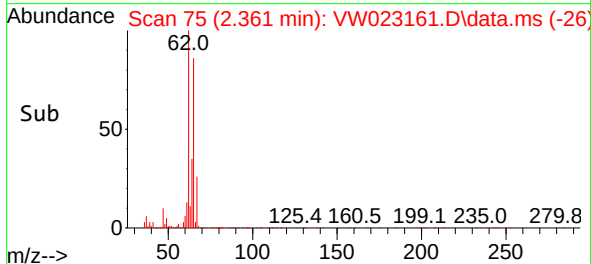
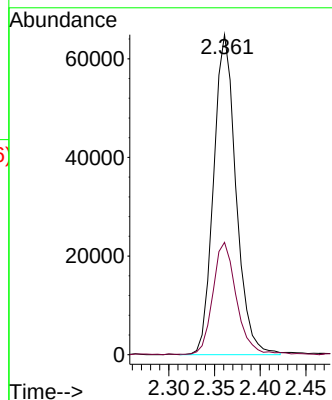
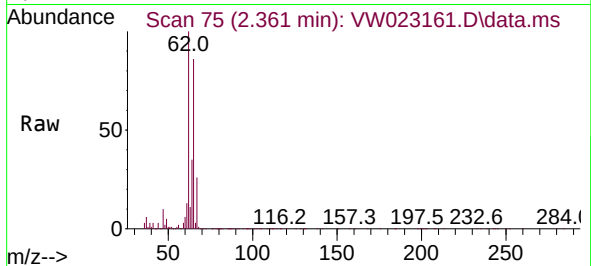




#5
 Vinyl chloride
 Concen: 19.908 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023161.D
 Acq: 19 May 2022 04:06

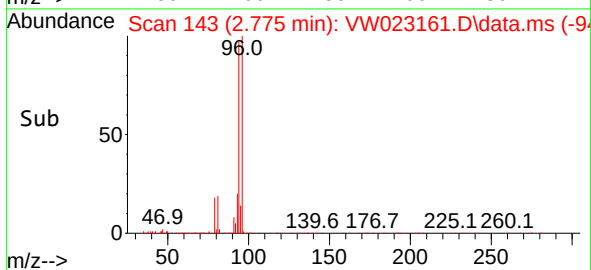
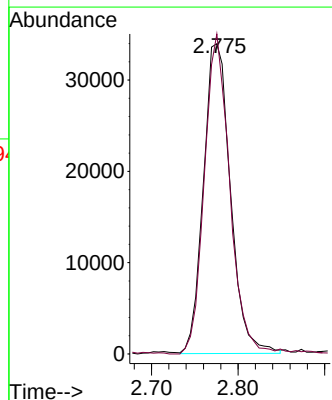
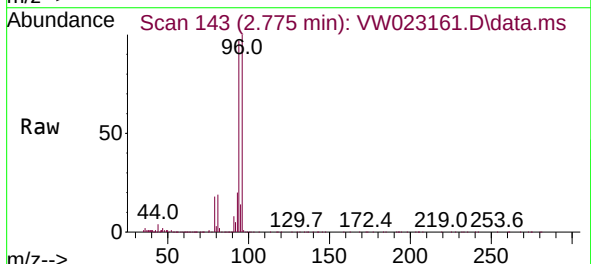
Instrument :
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 ClientSampleId :

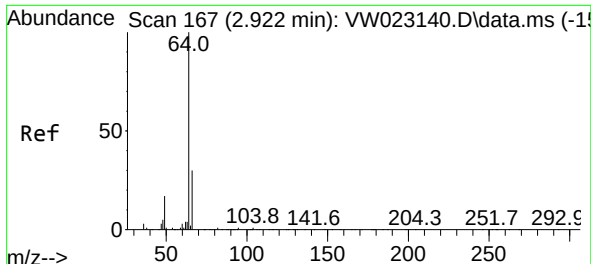
Tgt Ion: 62 Resp: 110803
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.9 46.3



#6
 Bromomethane
 Concen: 20.626 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023161.D
 Acq: 19 May 2022 04:06

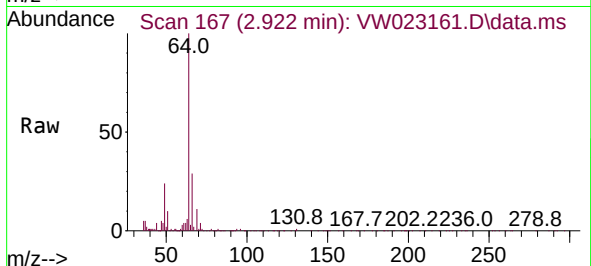
Tgt Ion: 94 Resp: 73710
 Ion Ratio Lower Upper
 94 100
 96 103.2 61.7 114.5



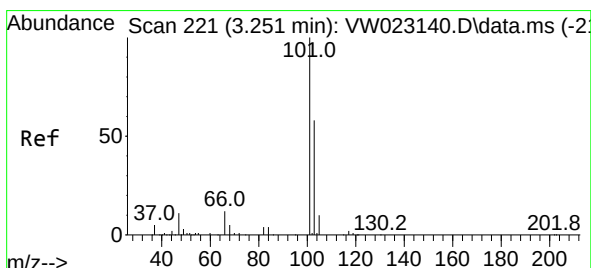
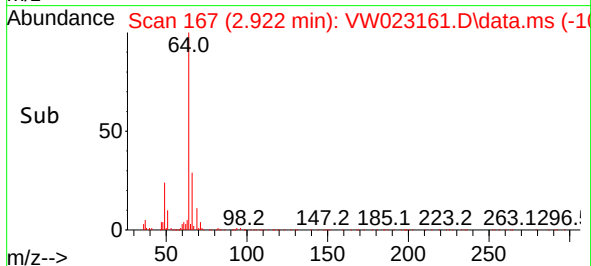
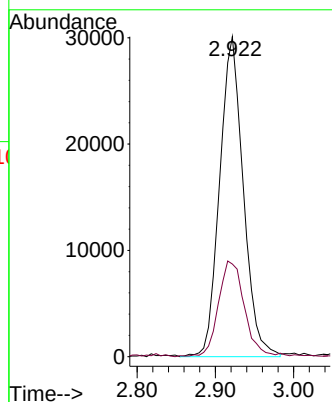


#8
Chloroethane
Concen: 23.528 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Instrument :
MSVOA_W
ClientSampleId :

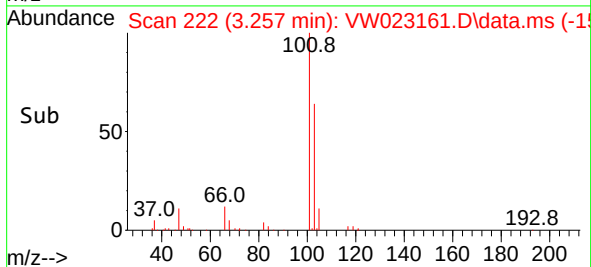
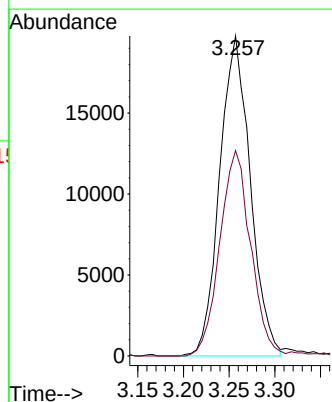
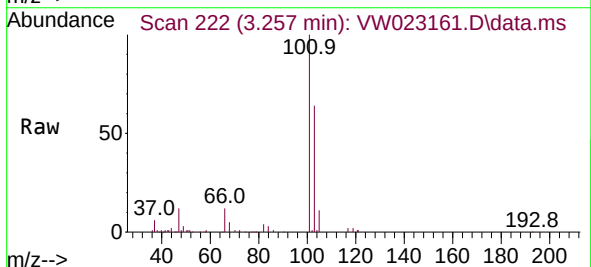


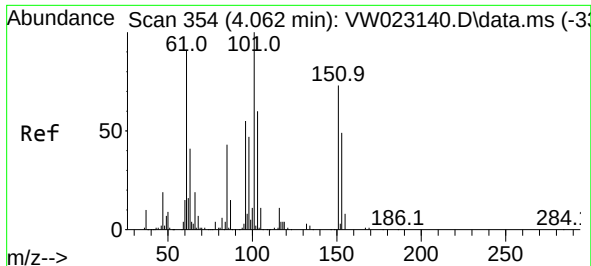
Tgt Ion: 64 Resp: 63161
Ion Ratio Lower Upper
64 100
66 29.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.093 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion: 101 Resp: 46026
Ion Ratio Lower Upper
101 100
103 64.6 53.9 80.9

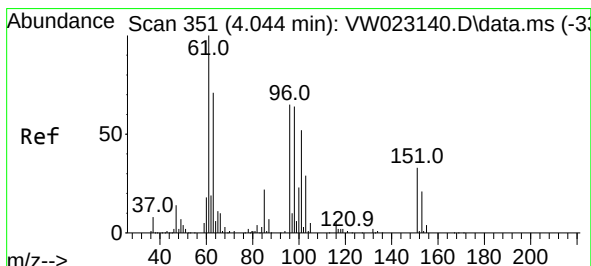
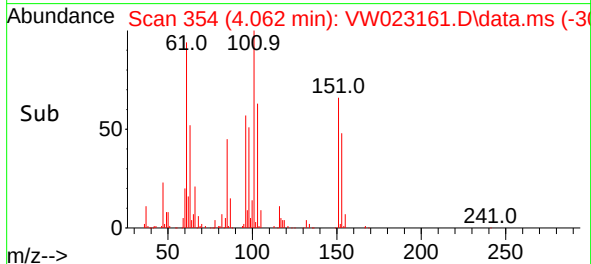
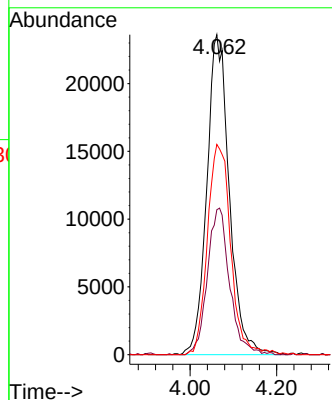
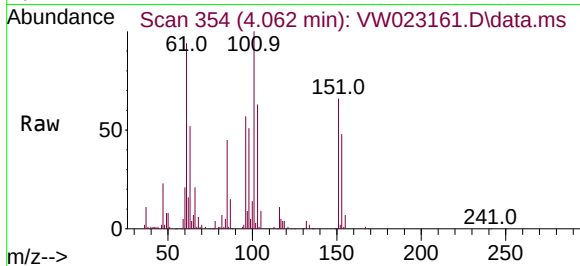




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.413 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW023161.D
 Acq: 19 May 2022 04:06

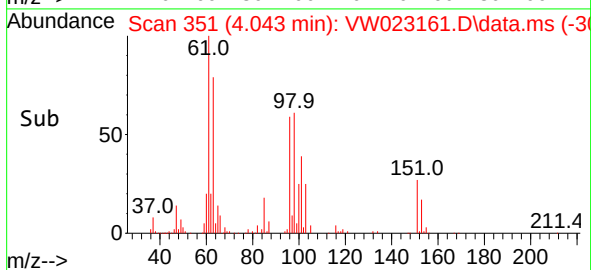
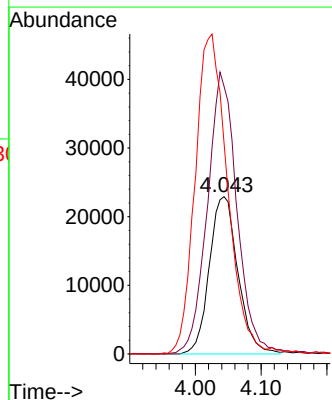
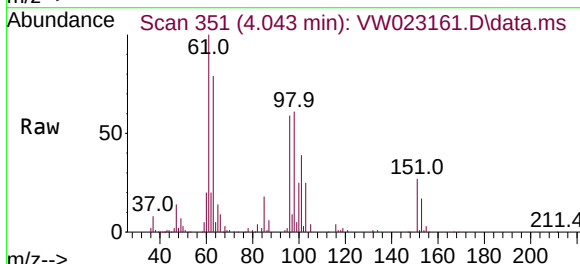
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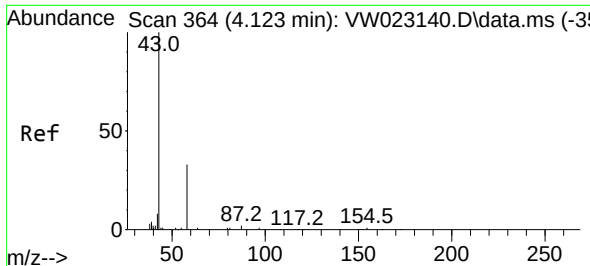
Tgt Ion:	101	Resp:	85252
Ion	Ratio	Lower	Upper
101	100		
85	44.6	34.3	51.5
151	66.9	54.2	81.2



#12
 1,1-Dichloroethene
 Concen: 20.547 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW023161.D
 Acq: 19 May 2022 04:06

Tgt Ion:	96	Resp:	69284
Ion	Ratio	Lower	Upper
96	100		
61	170.1	125.7	233.5
63	134.2	83.4	155.0





#13

Acetone

Concen: 39.920 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

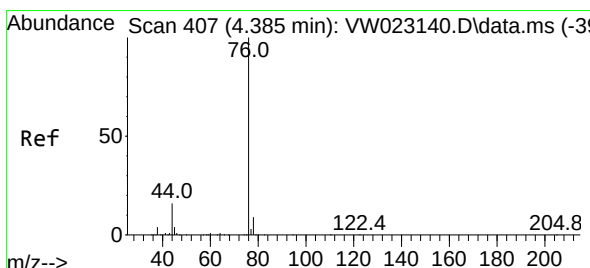
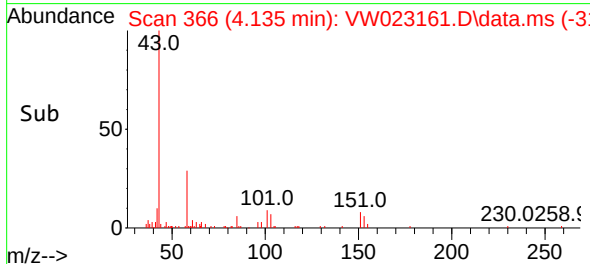
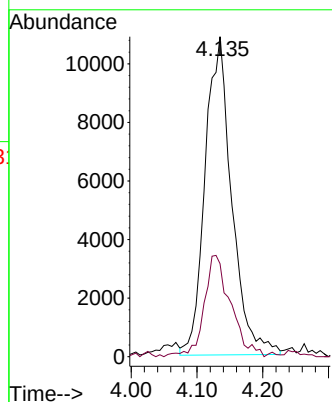
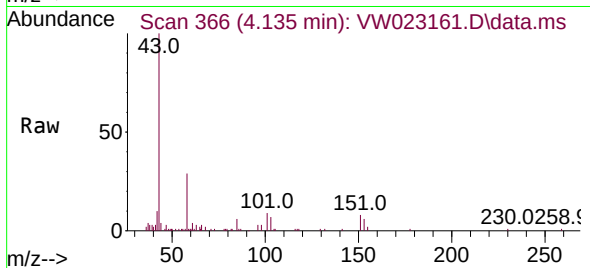
ClientSampleId :

Tgt Ion: 43 Resp: 30694

Ion Ratio Lower Upper

43 100

58 28.9 0.0 64.0



#14

Carbon disulfide

Concen: 15.100 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023161.D

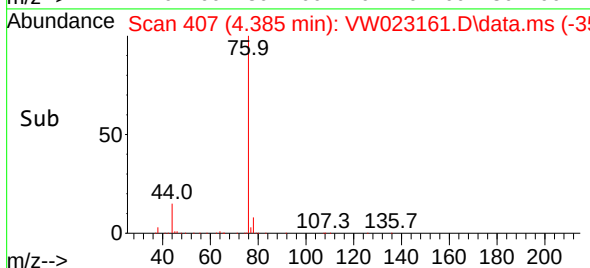
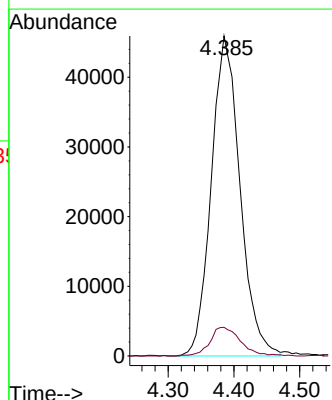
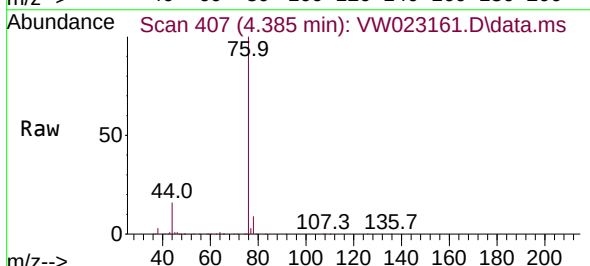
Acq: 19 May 2022 04:06

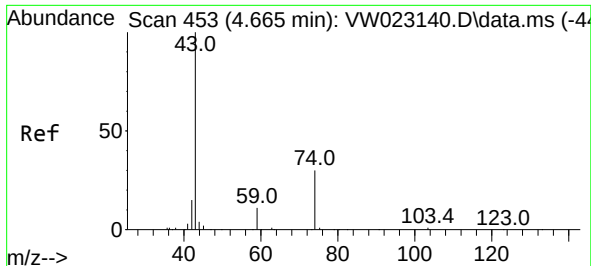
Tgt Ion: 76 Resp: 139591

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

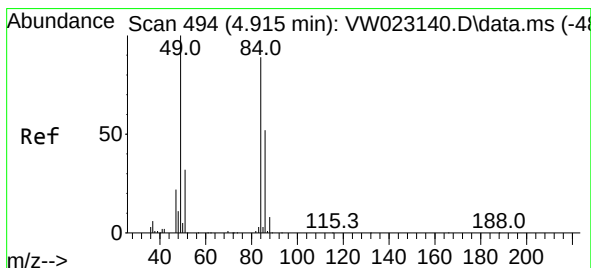
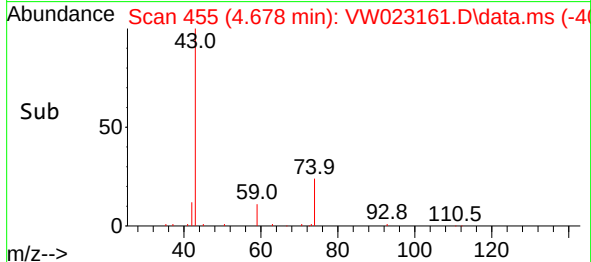
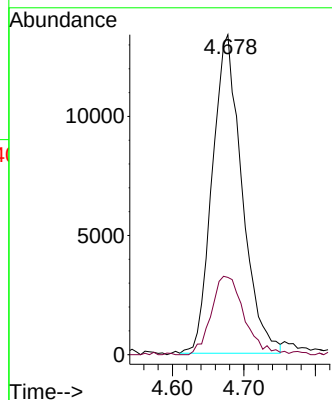
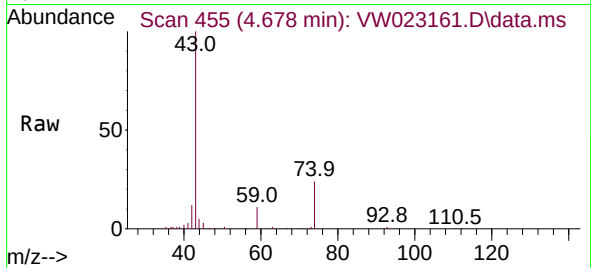




#15
Methyl Acetate
Concen: 24.988 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

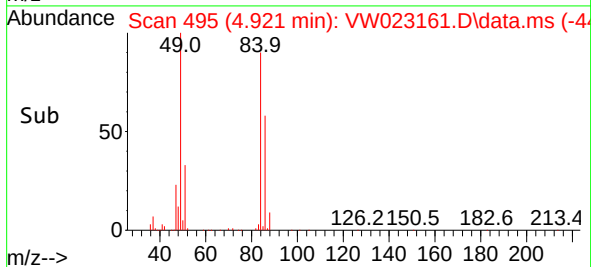
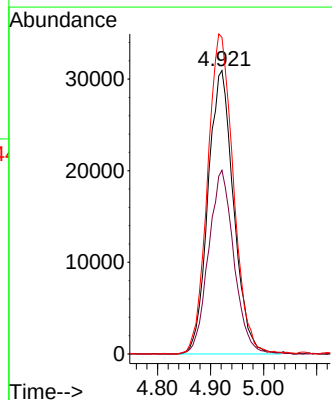
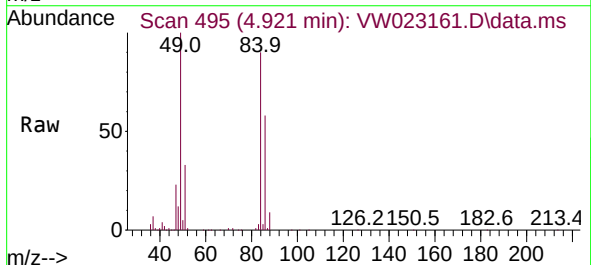
Instrument :
MSVOA_W
ClientSampleId :

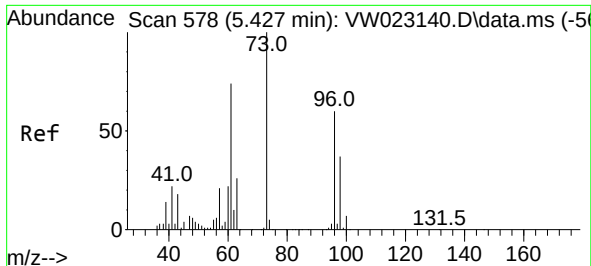
Tgt Ion: 43 Resp: 38599
Ion Ratio Lower Upper
43 100
74 27.2 21.9 32.9



#16
Methylene chloride
Concen: 26.886 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion: 84 Resp: 103572
Ion Ratio Lower Upper
84 100
86 64.8 45.4 84.4
49 111.7 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 21.403 ug/L

RT: 5.421 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

ClientSampleId :

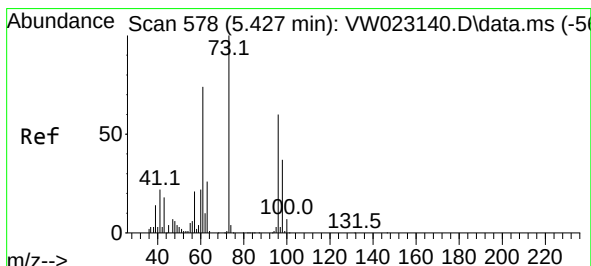
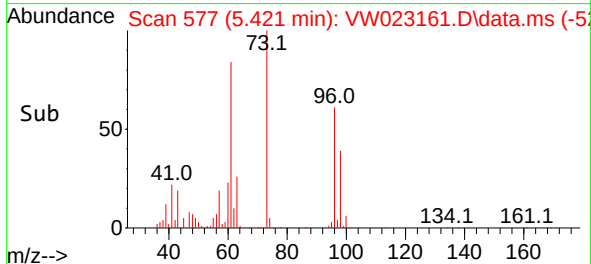
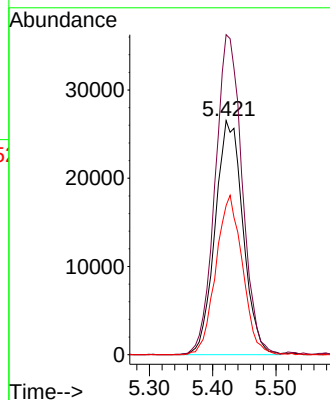
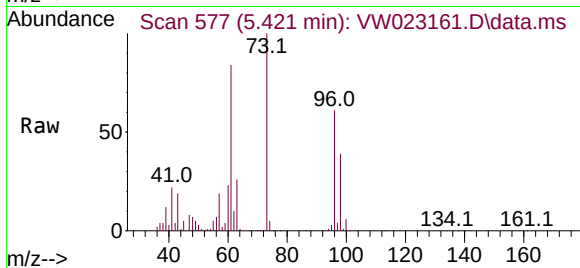
Tgt Ion: 96 Resp: 81216

Ion Ratio Lower Upper

96 100

61 136.7 92.2 171.2

98 63.7 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 27.430 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

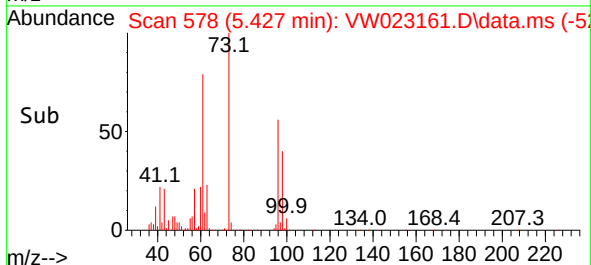
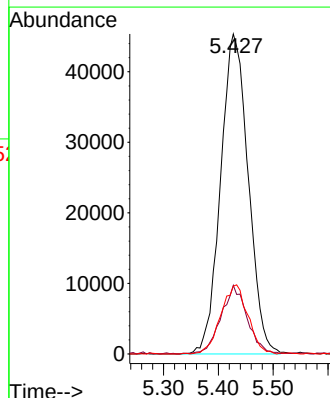
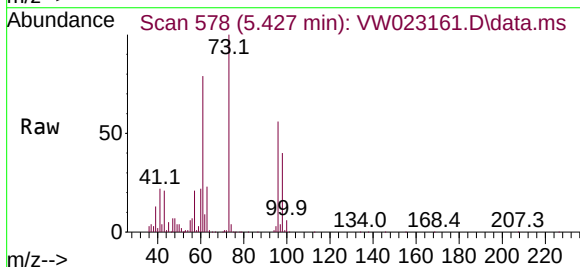
Tgt Ion: 73 Resp: 158890

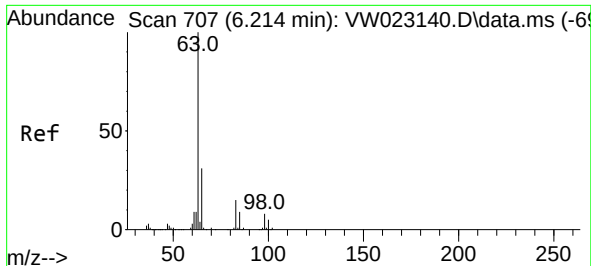
Ion Ratio Lower Upper

73 100

43 19.9 15.9 23.9

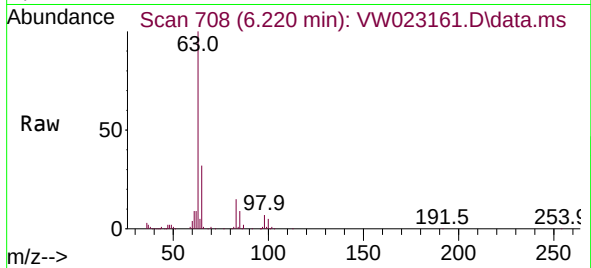
57 21.2 16.5 24.7



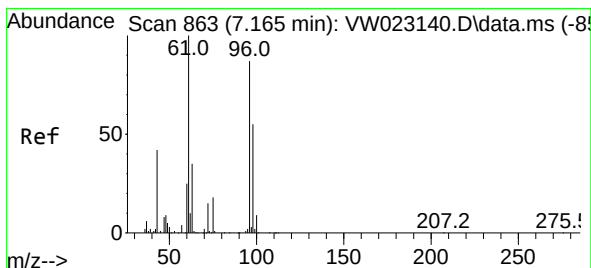
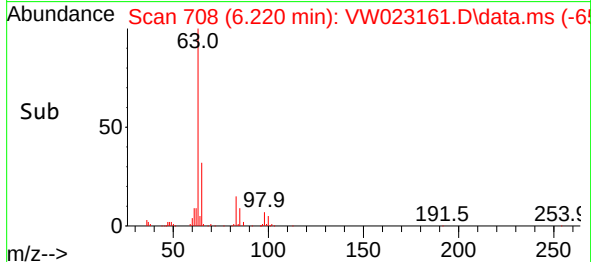
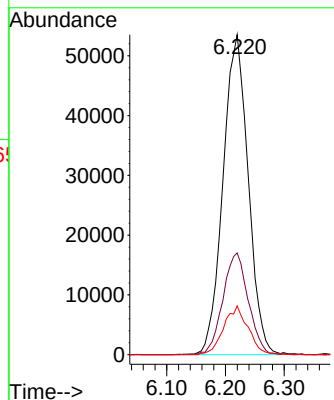


#19
1,1-Dichloroethane
Concen: 24.785 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Instrument :
MSVOA_W
ClientSampleId :

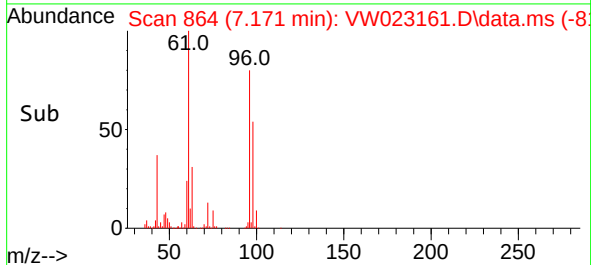
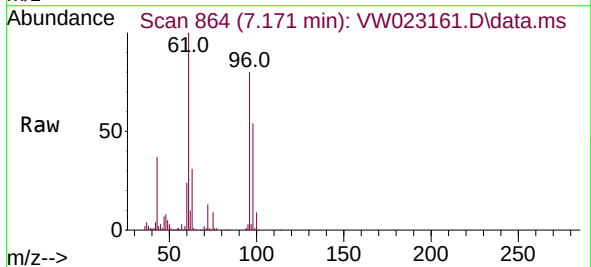
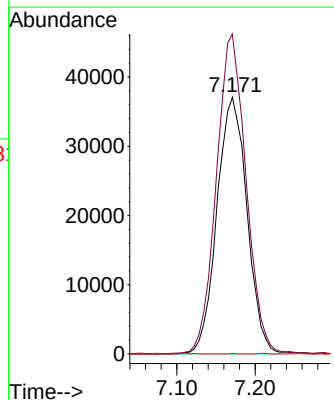


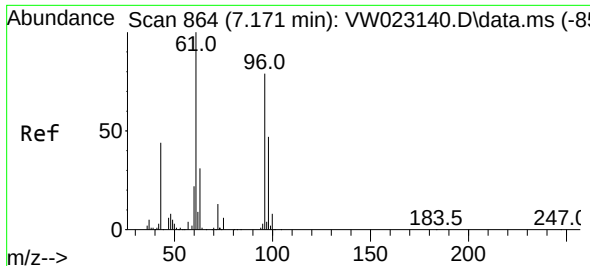
Tgt Ion: 63 Resp: 159397
Ion Ratio Lower Upper
63 100
65 31.8 23.3 43.3
83 15.2 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 24.241 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion: 96 Resp: 98798
Ion Ratio Lower Upper
96 100
61 124.7 84.2 156.4
68 0.2 0.1 0.1#

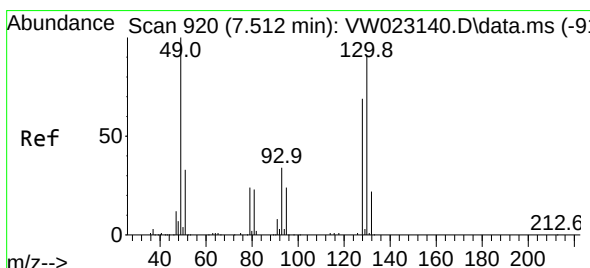
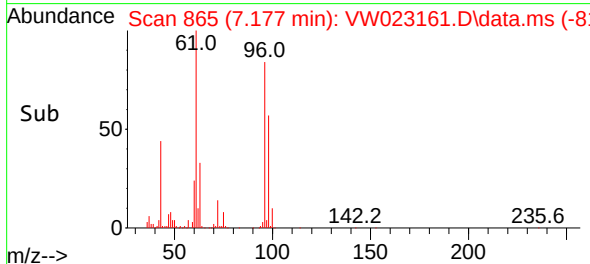
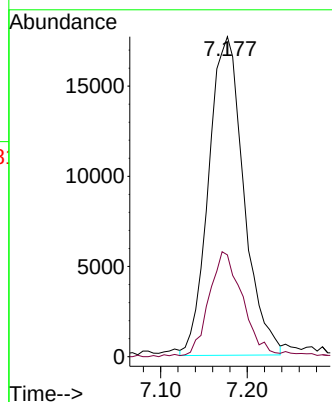
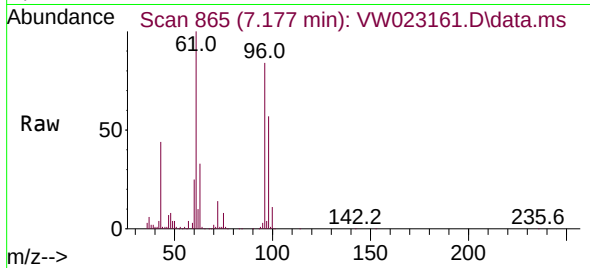




#22
2-Butanone
Concen: 46.332 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

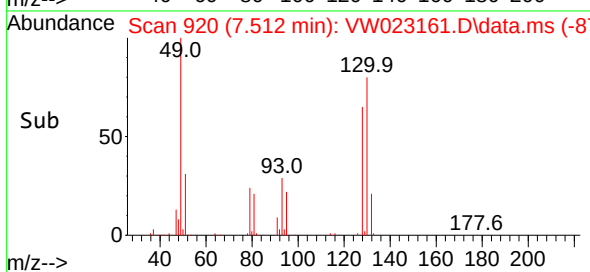
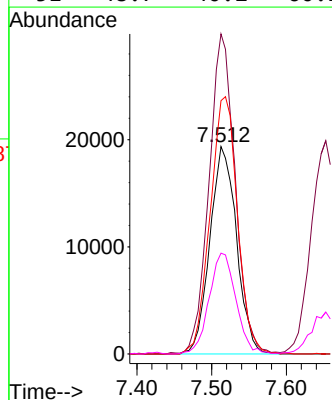
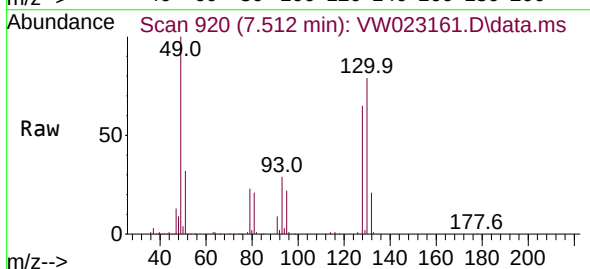
Instrument :
MSVOA_W
ClientSampleId :

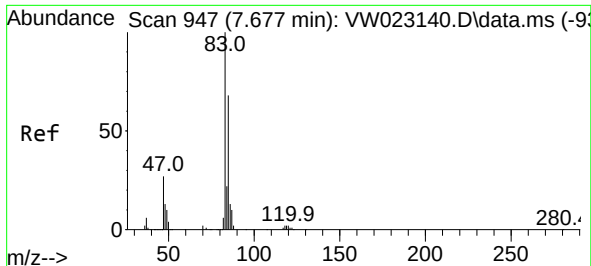
Tgt Ion: 43 Resp: 49820
Ion Ratio Lower Upper
43 100
72 30.7 15.1 45.3



#23
Bromochloromethane
Concen: 25.170 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion: 128 Resp: 48042
Ion Ratio Lower Upper
128 100
49 154.4 110.0 204.4
130 122.2 94.8 176.0
51 48.7 40.2 60.2

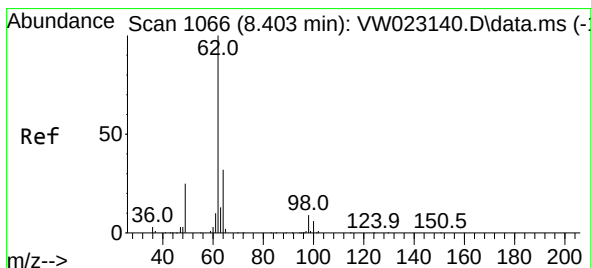
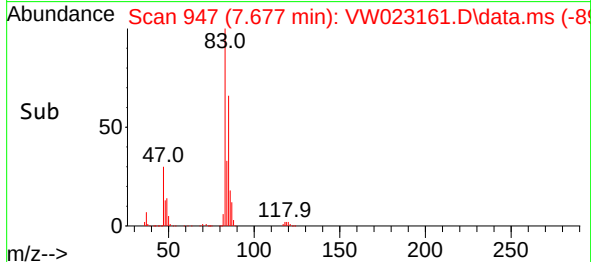
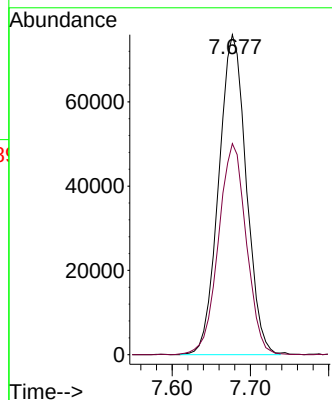
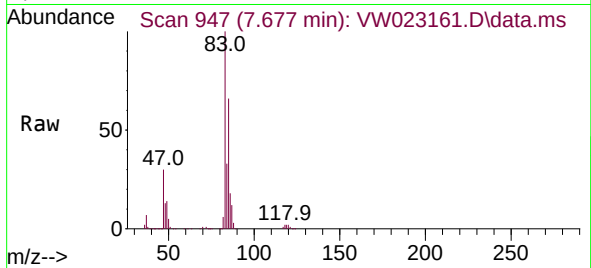




#25
Chloroform
Concen: 26.040 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

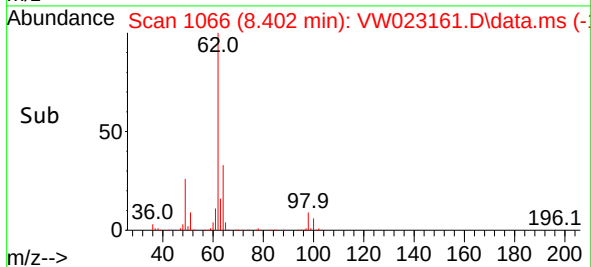
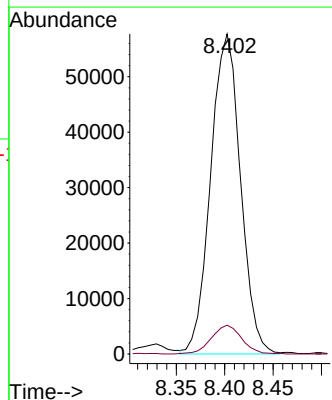
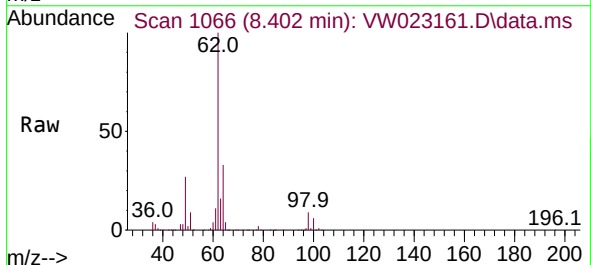
Instrument :
MSVOA_W
ClientSampleId :

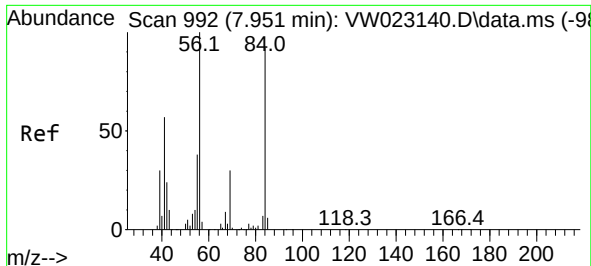
Tgt Ion: 83 Resp: 185176
Ion Ratio Lower Upper
83 100
85 66.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.137 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion: 62 Resp: 123896
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

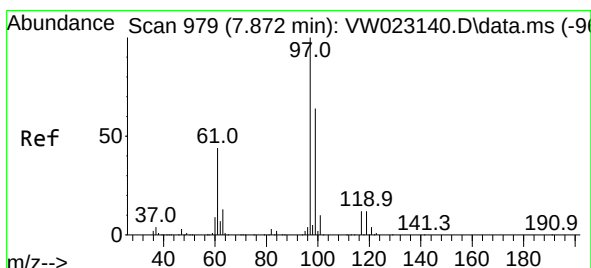
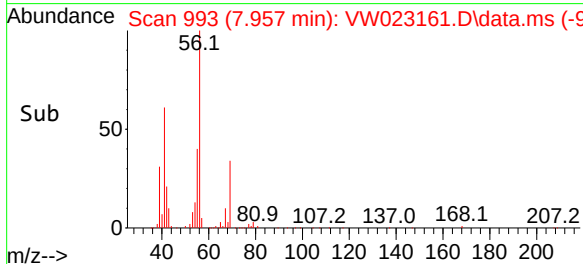
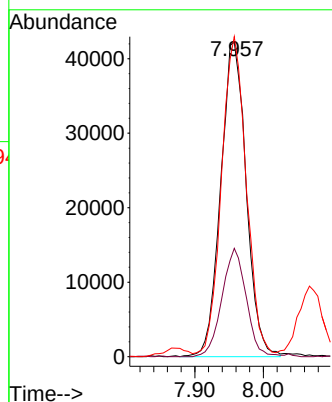
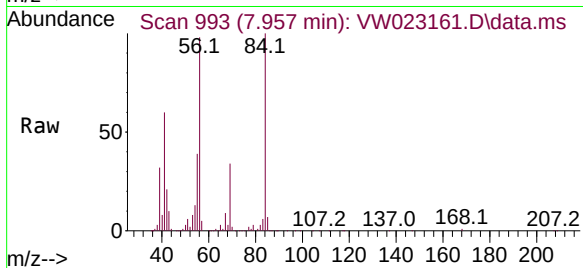




#29
Cyclohexane
Concen: 19.033 ug/L
RT: 7.957 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

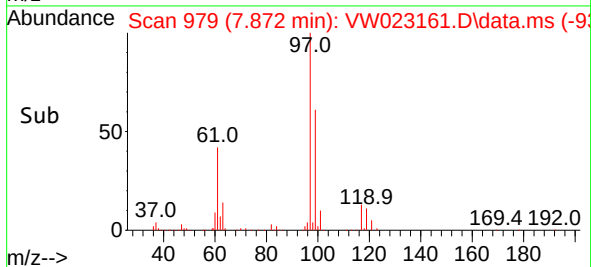
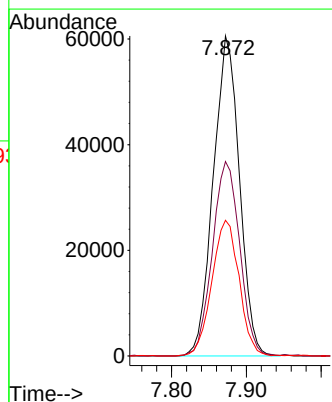
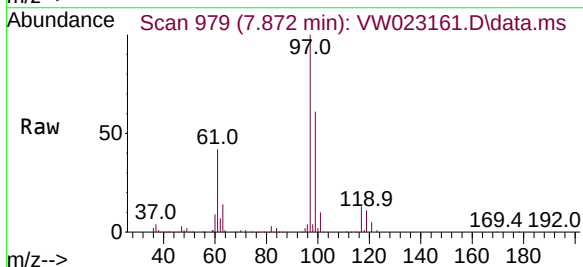
Instrument :
MSVOA_W
ClientSampleId :

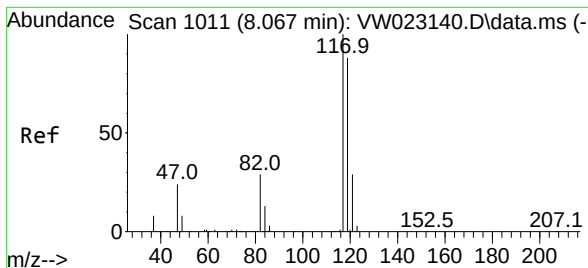
Tgt Ion: 56 Resp: 109078
Ion Ratio Lower Upper
56 100
69 32.7 25.6 38.4
84 99.5 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 23.546 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion: 97 Resp: 147457
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 44.1 34.8 52.2





#31

Carbon tetrachloride

Concen: 22.154 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

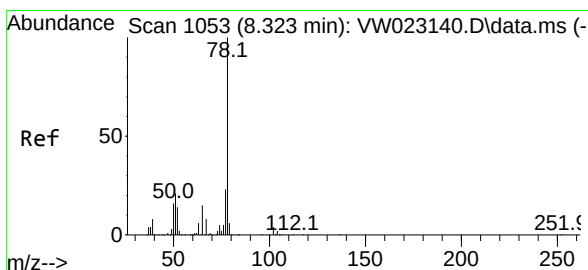
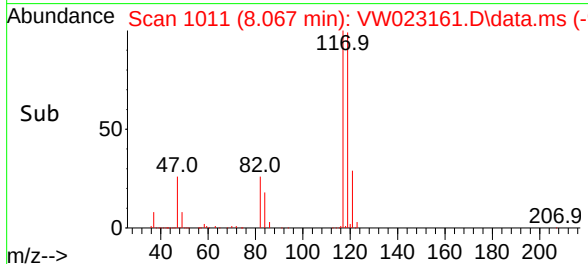
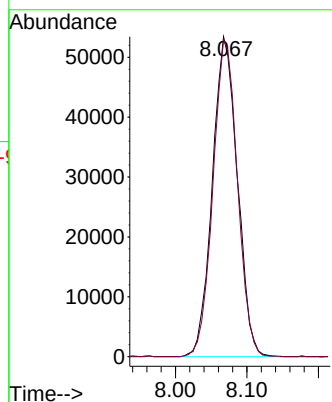
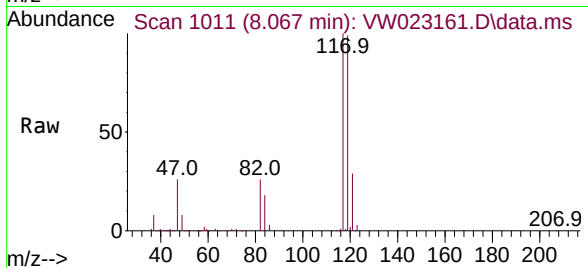
ClientSampleId :

Tgt Ion:117 Resp: 129781

Ion Ratio Lower Upper

117 100

119 97.0 76.6 115.0



#33

Benzene

Concen: 23.934 ug/L

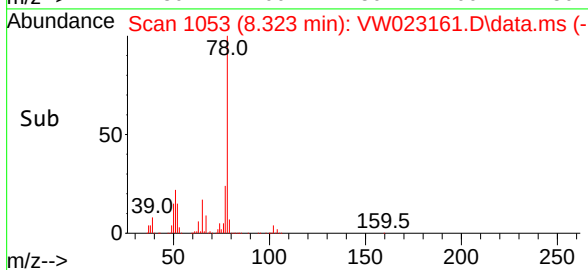
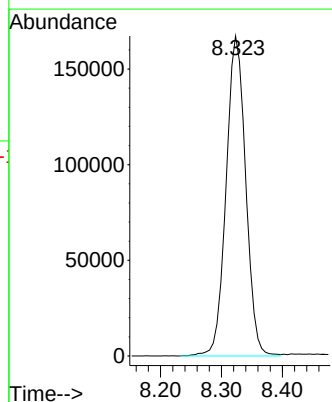
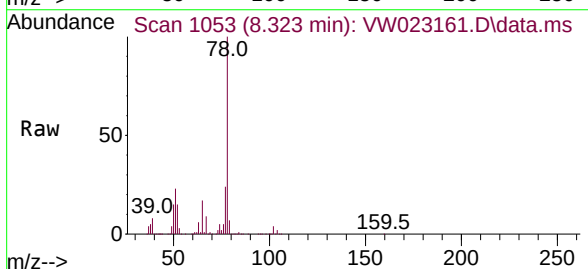
RT: 8.323 min Scan# 1053

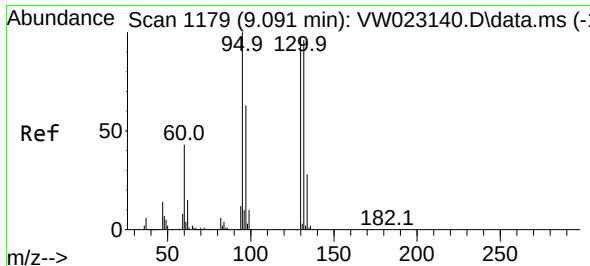
Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

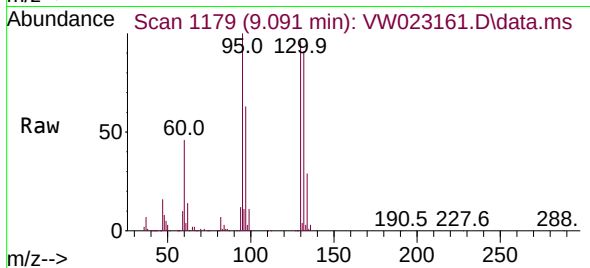
Tgt Ion: 78 Resp: 373638



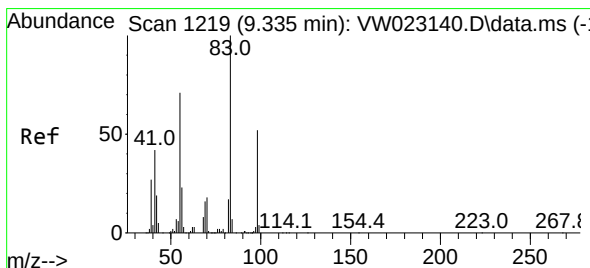
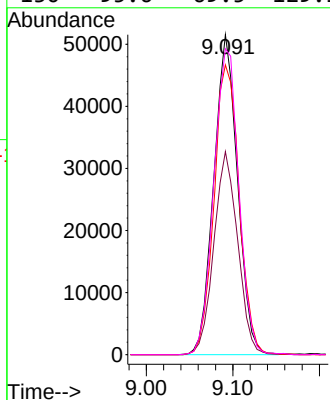
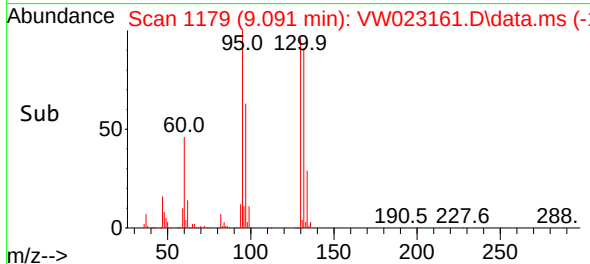


#34
Trichloroethene
Concen: 22.854 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

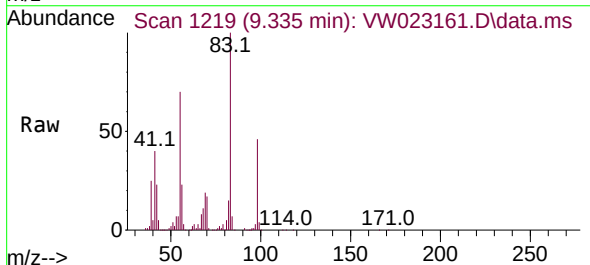
Instrument :
MSVOA_W
ClientSampleId :



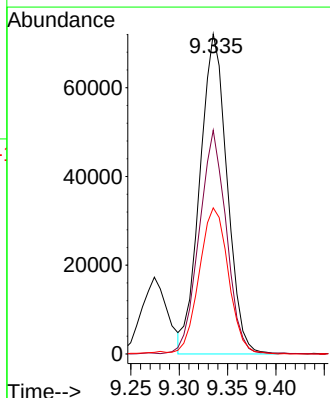
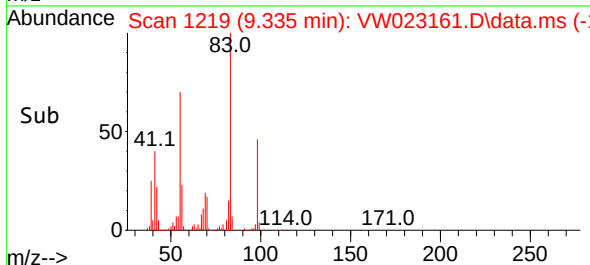
Tgt Ion: 95 Resp: 98119
Ion Ratio Lower Upper
95 100
97 63.4 46.1 85.7
132 90.6 66.9 124.3
130 95.6 69.5 129.1

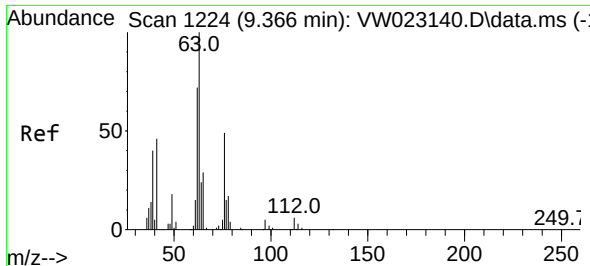


#35
Methylcyclohexane
Concen: 20.040 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06



Tgt Ion: 83 Resp: 141341
Ion Ratio Lower Upper
83 100
55 69.7 55.1 82.7
98 48.9 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.292 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

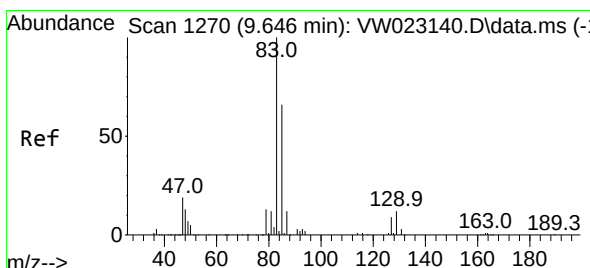
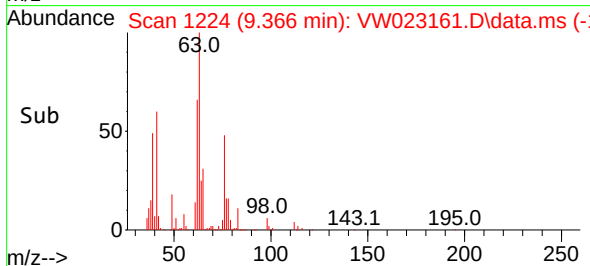
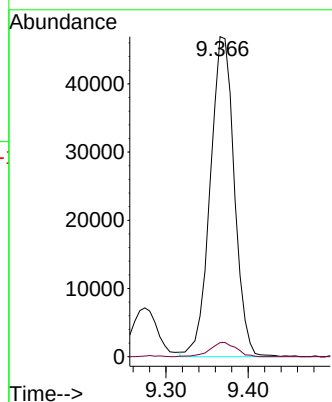
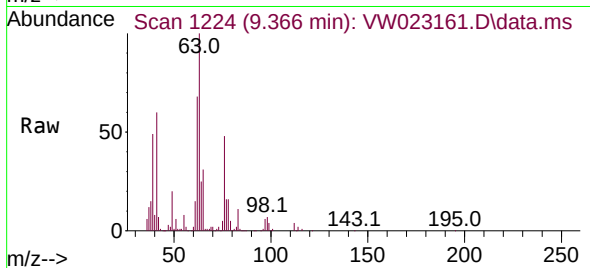
ClientSampleId :

Tgt Ion: 63 Resp: 95551

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.019 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

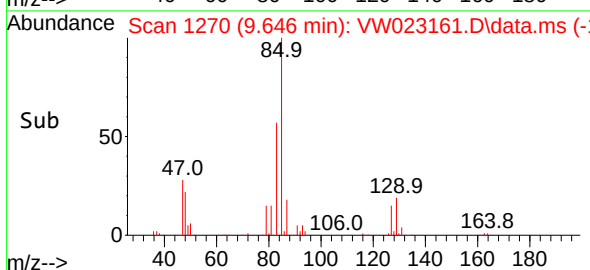
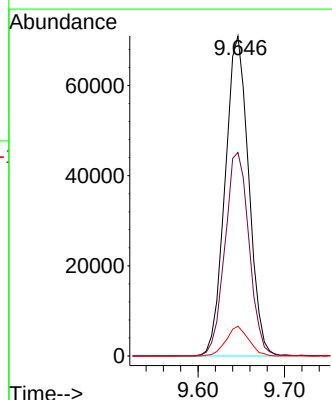
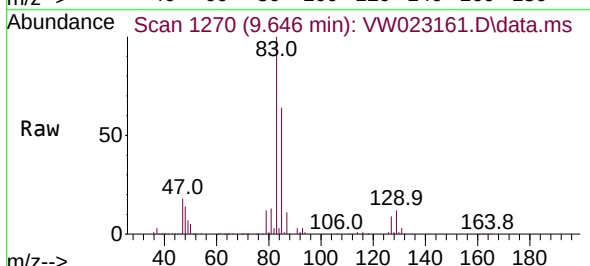
Tgt Ion: 83 Resp: 134252

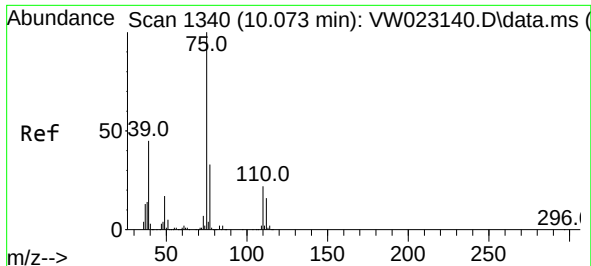
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.7

127 9.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.194 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

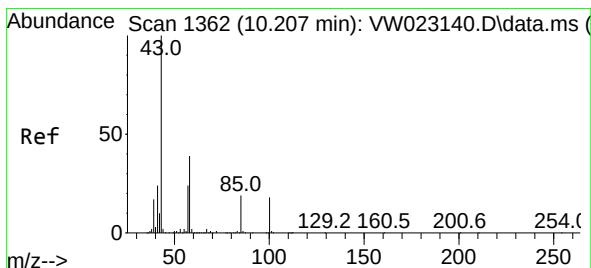
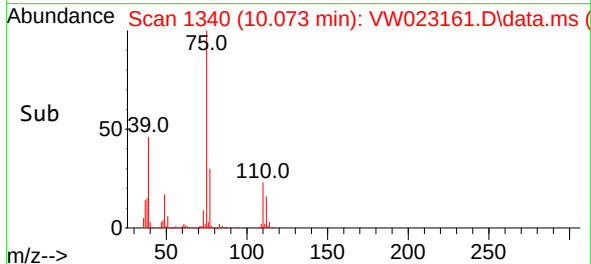
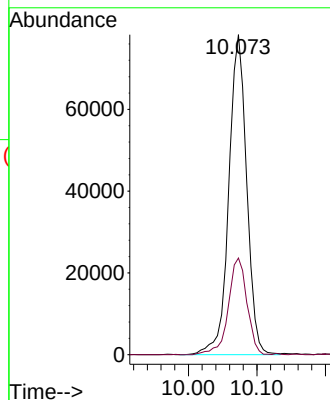
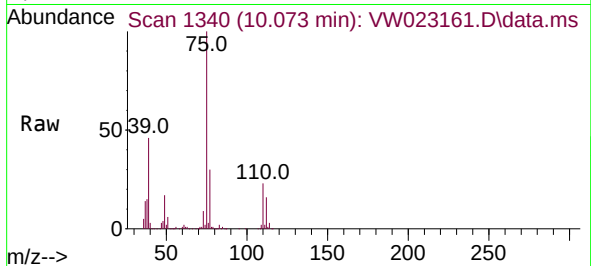
ClientSampleId :

Tgt Ion: 75 Resp: 141727

Ion Ratio Lower Upper

75 100

77 30.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.213 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

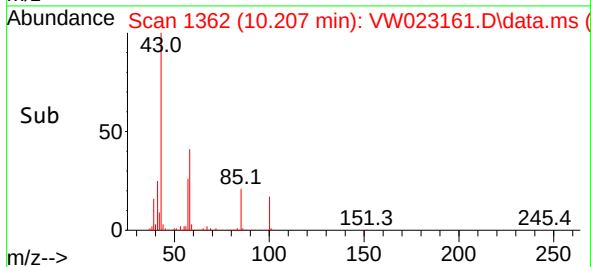
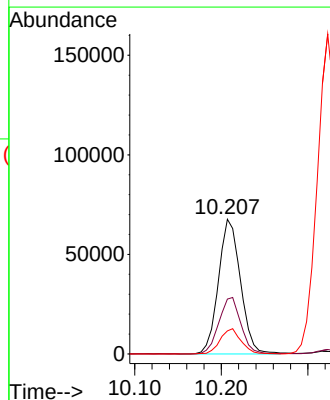
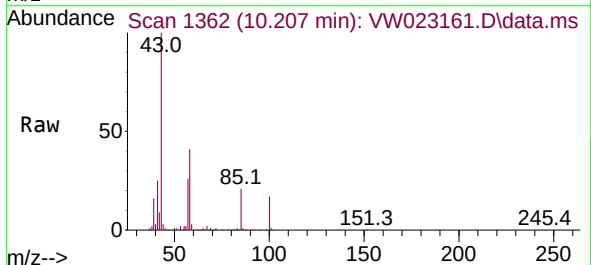
Tgt Ion: 43 Resp: 119567

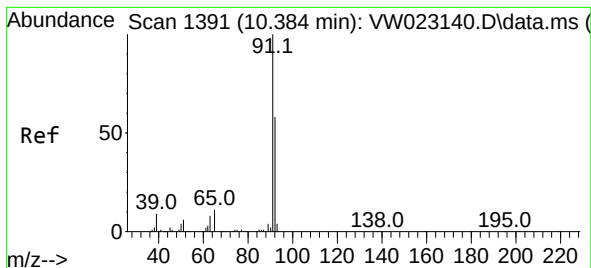
Ion Ratio Lower Upper

43 100

58 41.9 31.4 47.2

100 17.8 14.2 21.4





#42

Toluene

Concen: 23.906 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

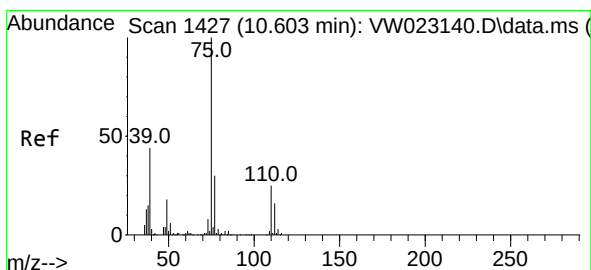
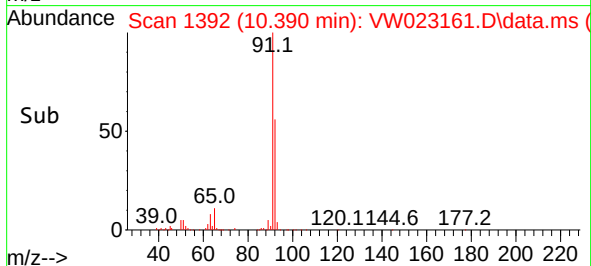
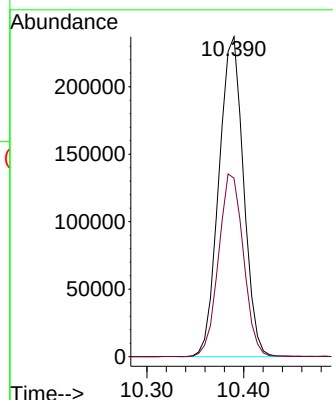
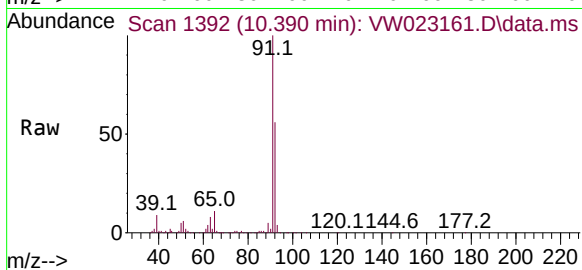
ClientSampleId :

Tgt Ion: 91 Resp: 418249

Ion Ratio Lower Upper

91 100

92 55.8 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 24.047 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023161.D

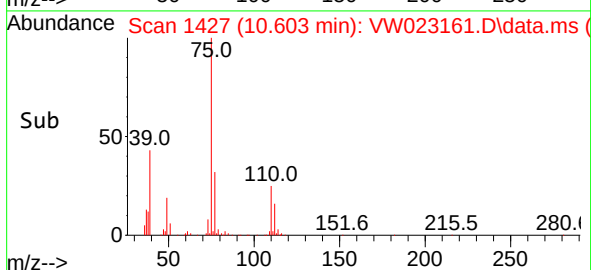
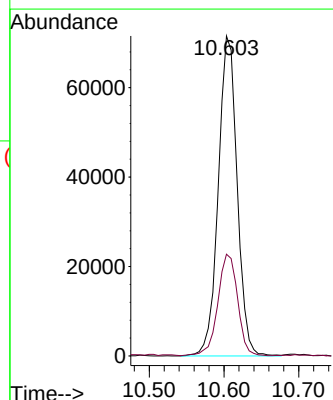
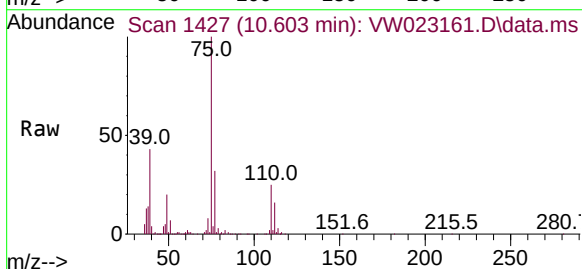
Acq: 19 May 2022 04:06

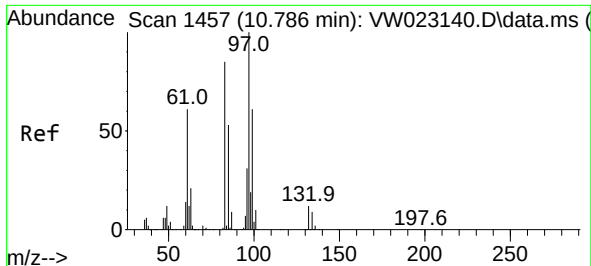
Tgt Ion: 75 Resp: 125729

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8

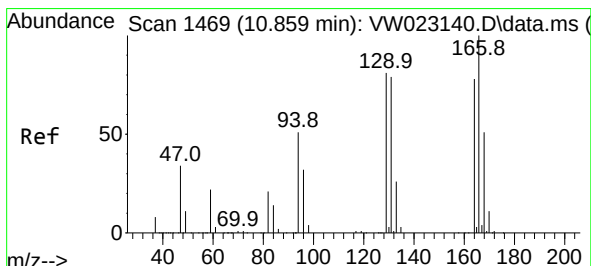
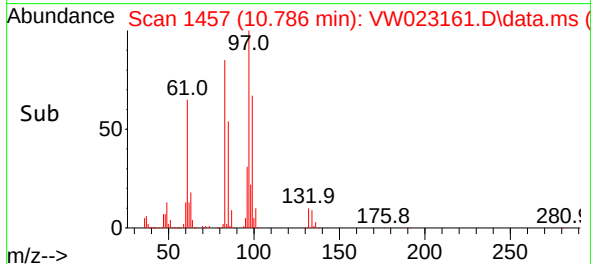
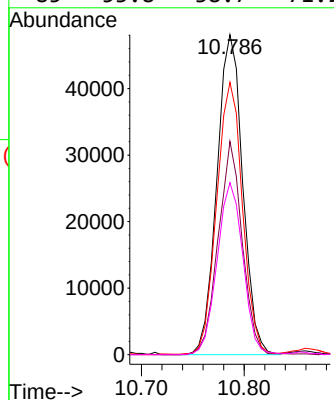
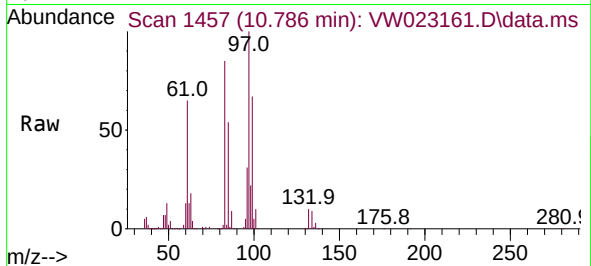




#45
1,1,2-Trichloroethane
Concen: 26.525 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

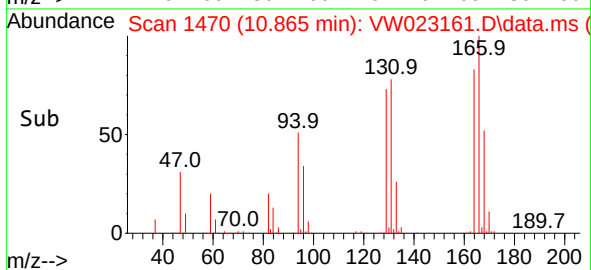
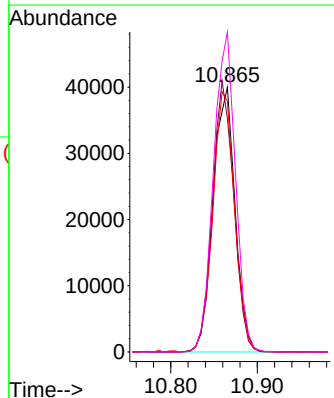
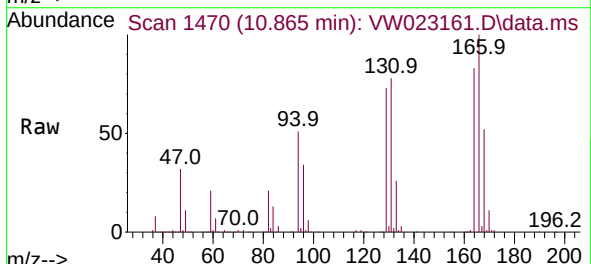
Instrument :
MSVOA_W
ClientSampleId :

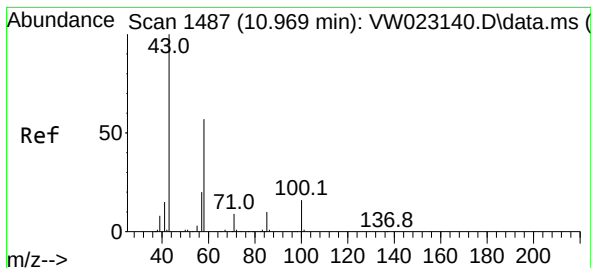
Tgt Ion: 97 Resp: 83769
Ion Ratio Lower Upper
97 100
99 66.7 44.7 82.9
83 85.1 58.4 108.4
85 53.8 38.7 71.9



#46
Tetrachloroethene
Concen: 21.882 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion:164 Resp: 70601
Ion Ratio Lower Upper
164 100
129 88.2 76.9 142.7
131 94.8 75.1 139.5
166 120.9 96.0 178.2





#48

2-Hexanone

Concen: 48.772 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

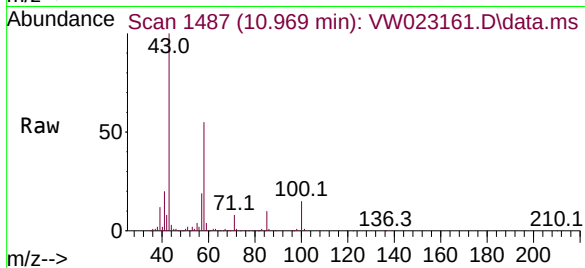
Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 77596

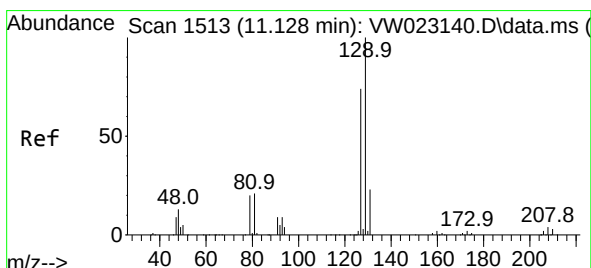
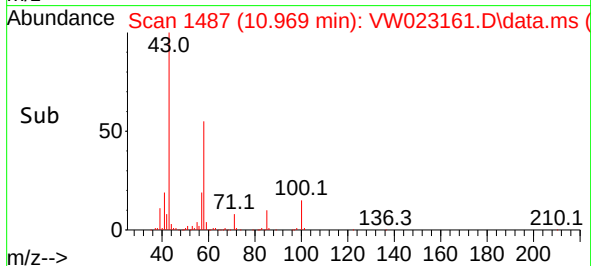
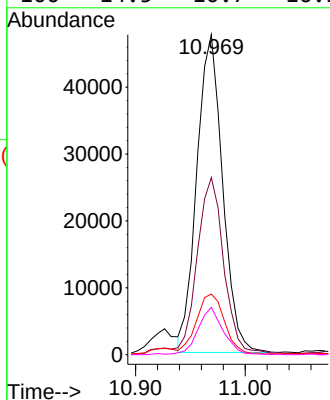
Ion Ratio Lower Upper

43 100

58 58.1 45.9 68.9

57 21.1 16.2 24.2

100 14.5 10.7 16.1



#49

Dibromochloromethane

Concen: 26.566 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023161.D

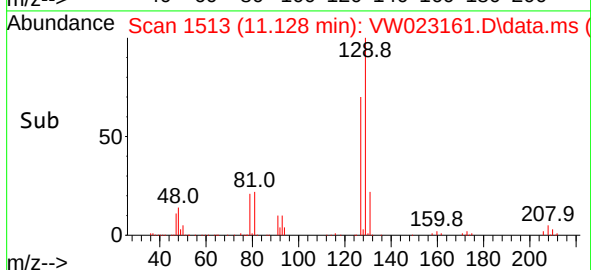
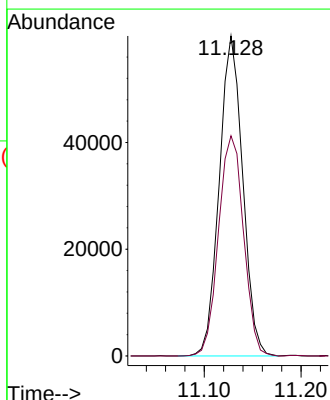
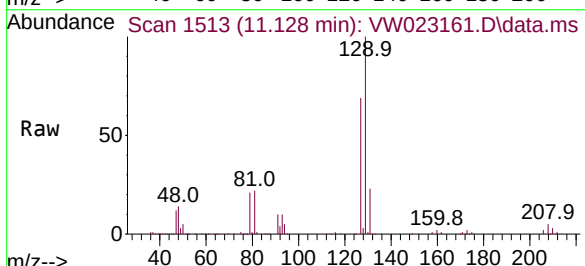
Acq: 19 May 2022 04:06

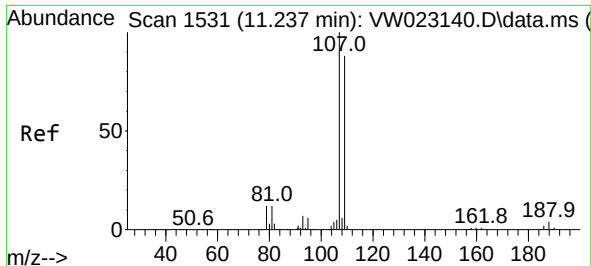
Tgt Ion:129 Resp: 100979

Ion Ratio Lower Upper

129 100

127 68.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 25.345 ug/L

RT: 11.237 min Scan# 1

Delta R.T. -0.000 min

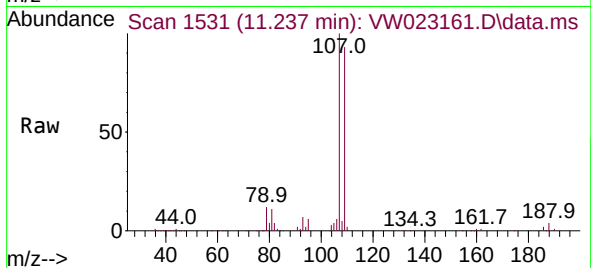
Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

ClientSampleId :



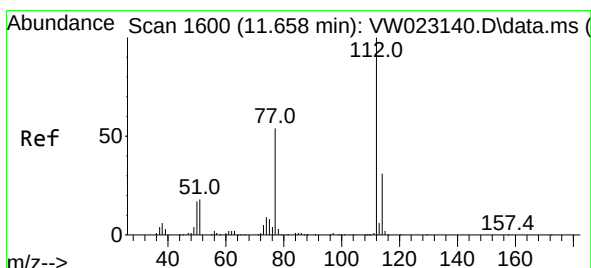
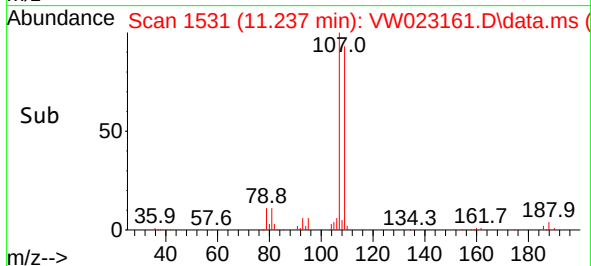
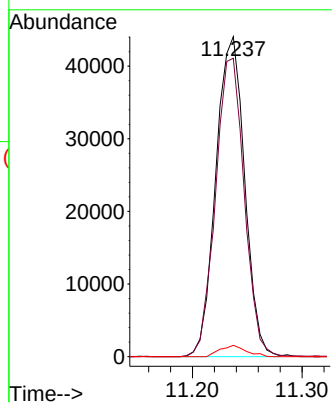
Tgt Ion:107 Resp: 80374

Ion Ratio Lower Upper

107 100

109 93.2 67.5 125.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 24.981 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

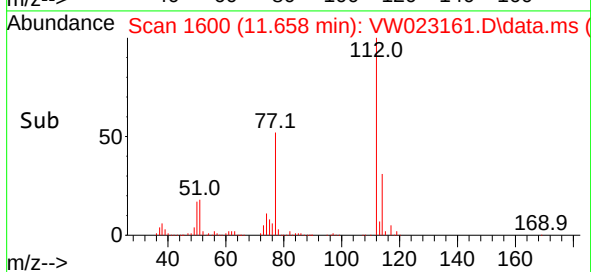
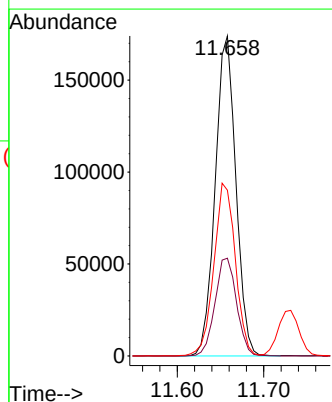
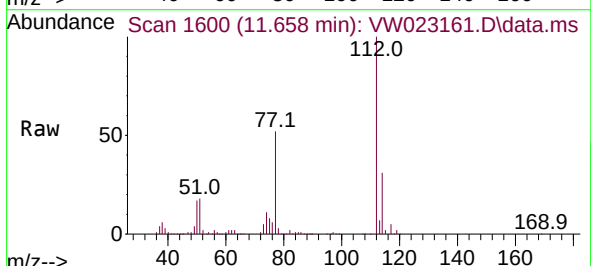
Tgt Ion:112 Resp: 288133

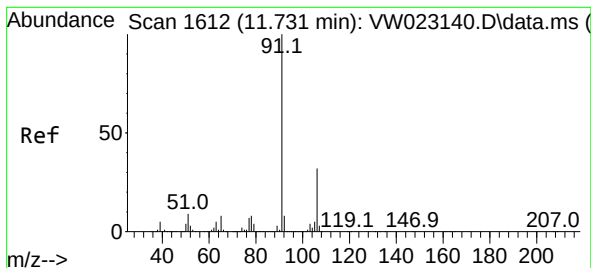
Ion Ratio Lower Upper

112 100

114 30.6 22.0 41.0

77 51.8 42.6 63.8

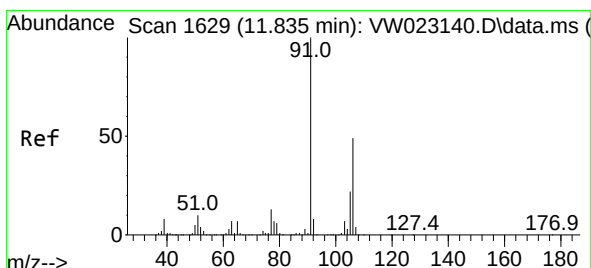
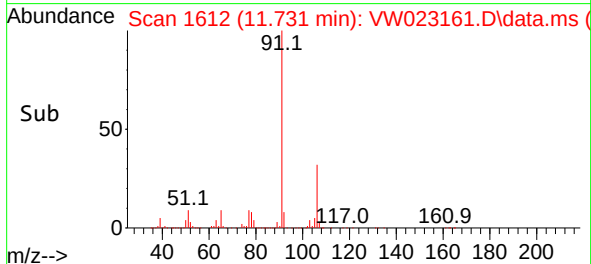
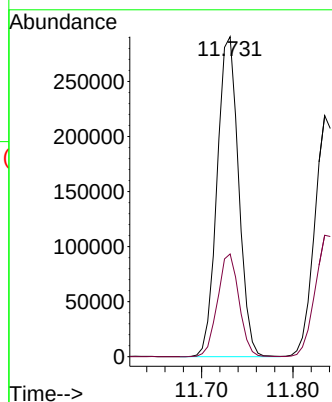
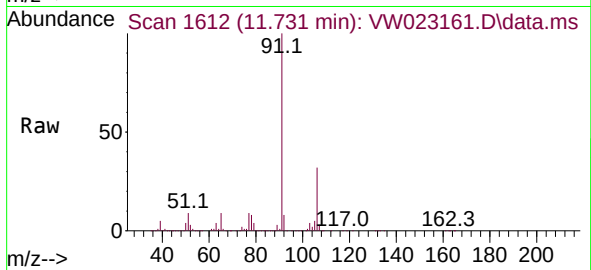




#52
Ethylbenzene
Concen: 24.434 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

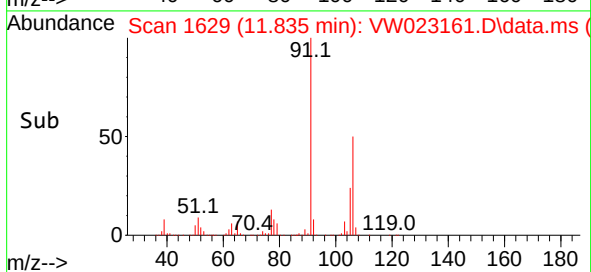
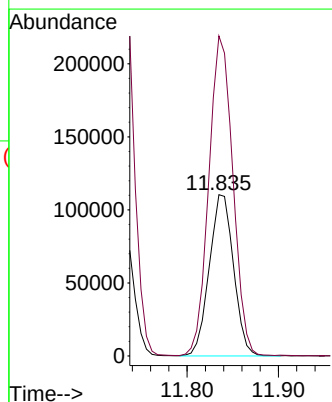
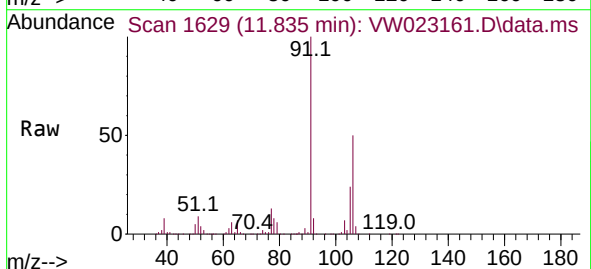
Instrument :
MSVOA_W
ClientSampleId :

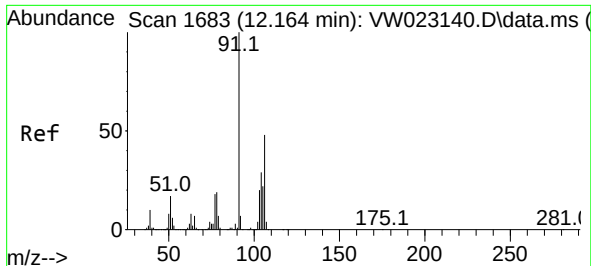
Tgt Ion: 91 Resp: 475584
Ion Ratio Lower Upper
91 100
106 32.1 22.3 41.3



#53
m,p-Xylene
Concen: 26.611 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion:106 Resp: 204089
Ion Ratio Lower Upper
106 100
91 198.5 136.8 254.0

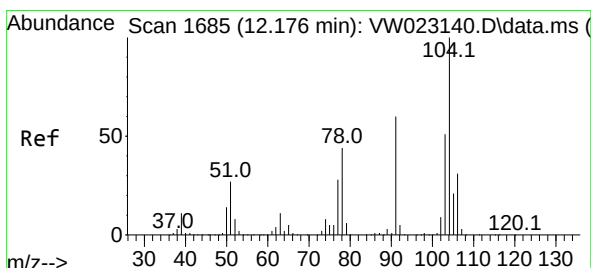
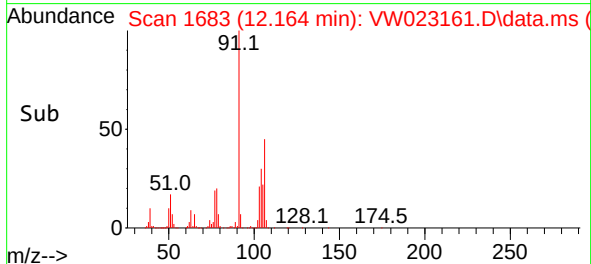
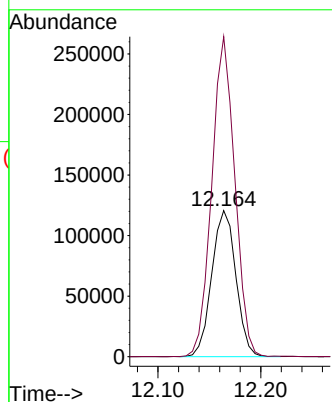
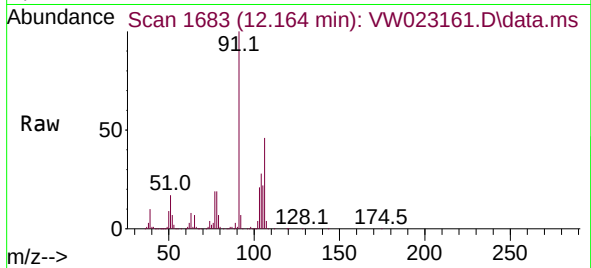




#54
o-Xylene
Concen: 26.718 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

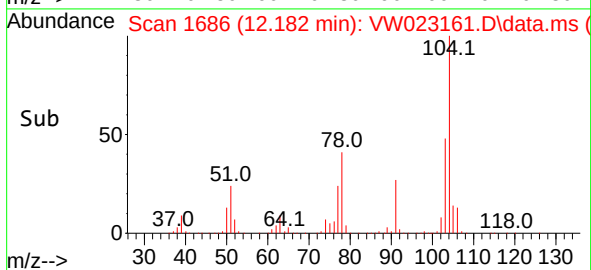
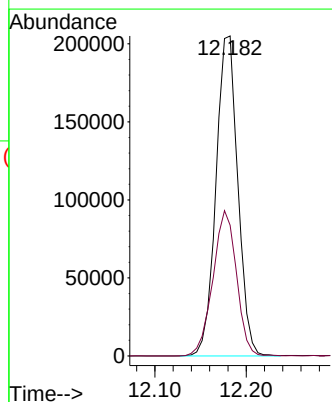
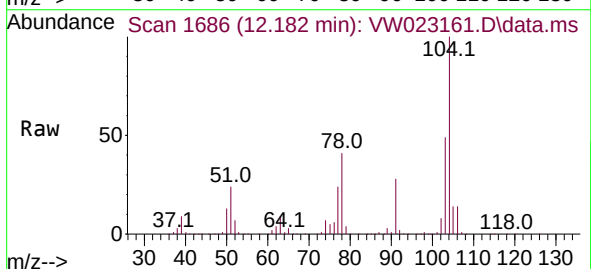
Instrument :
MSVOA_W
ClientSampleId :

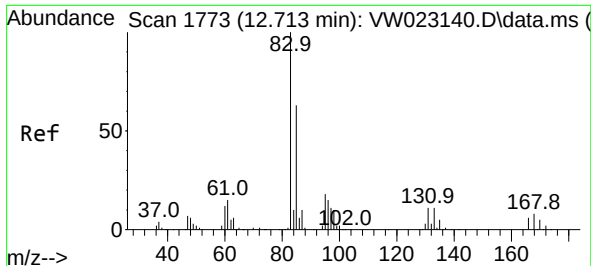
Tgt Ion:106 Resp: 196634
Ion Ratio Lower Upper
106 100
91 219.1 147.2 273.4



#55
Styrene
Concen: 27.238 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion:104 Resp: 340628
Ion Ratio Lower Upper
104 100
78 40.8 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 29.971 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

ClientSampleId :

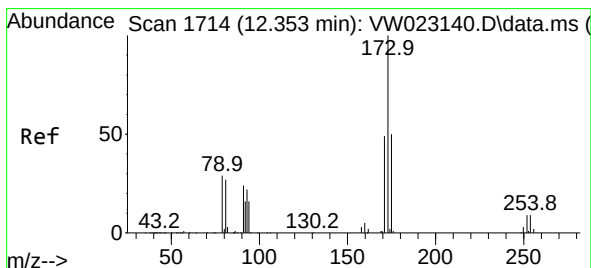
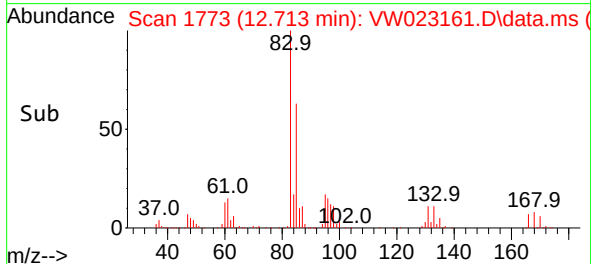
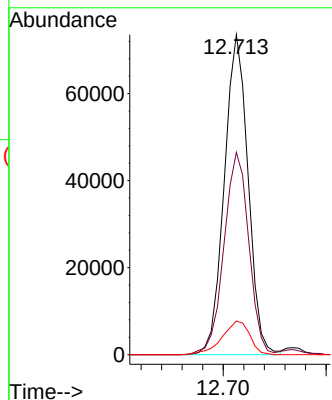
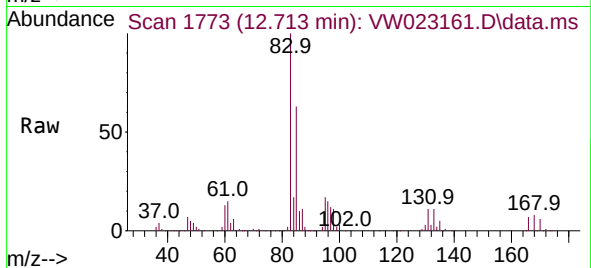
Tgt Ion: 83 Resp: 118226

Ion Ratio Lower Upper

83 100

85 63.3 47.5 88.1

131 10.5 8.7 13.1



#59

Bromoform

Concen: 25.869 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

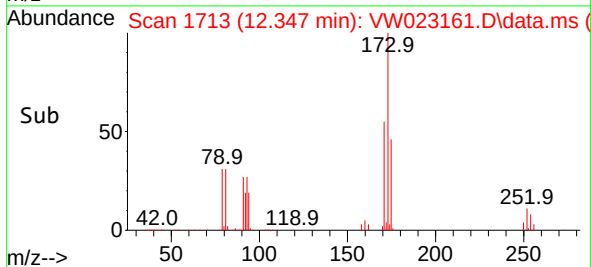
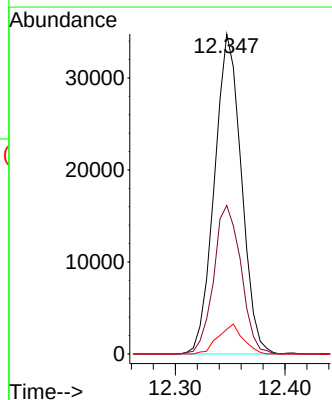
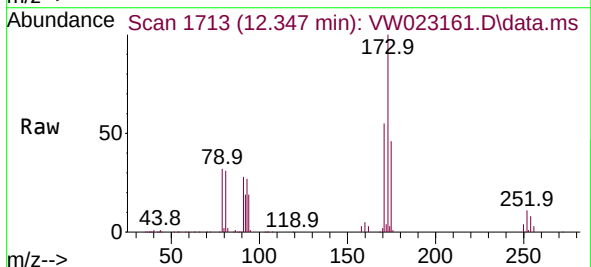
Tgt Ion:173 Resp: 59390

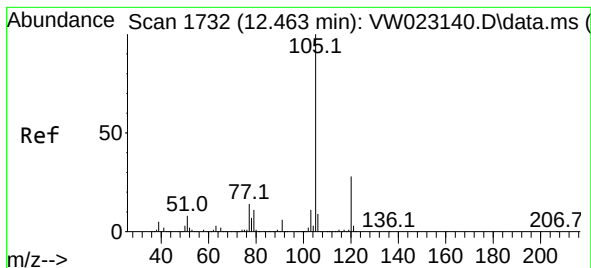
Ion Ratio Lower Upper

173 100

175 47.1 38.1 57.1

254 8.6 6.5 9.7





#60

Isopropylbenzene

Concen: 25.205 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

ClientSampleId :

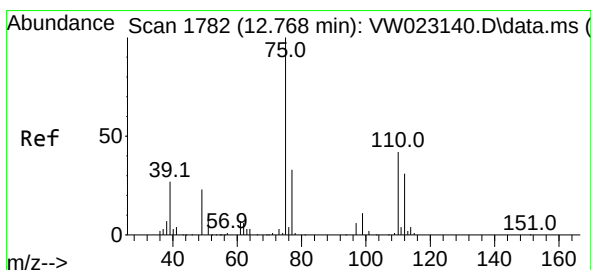
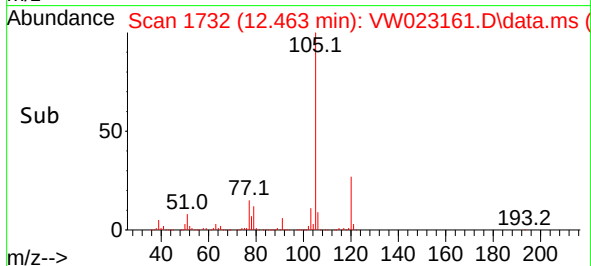
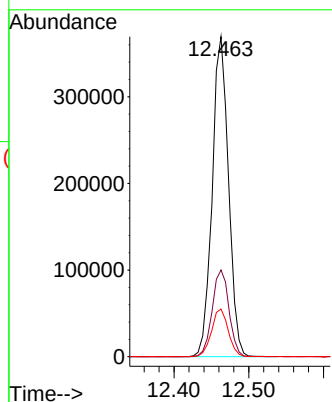
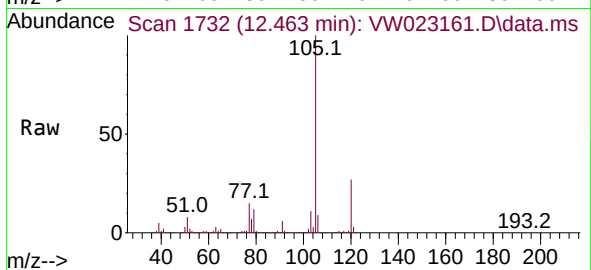
Tgt Ion:105 Resp: 559379

Ion Ratio Lower Upper

105 100

120 27.9 21.3 31.9

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 25.994 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

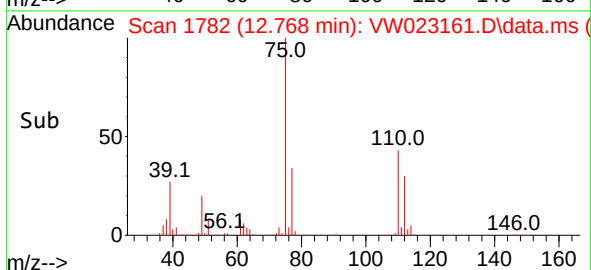
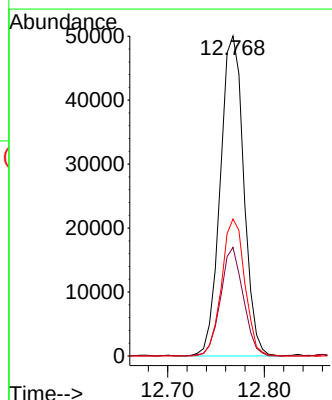
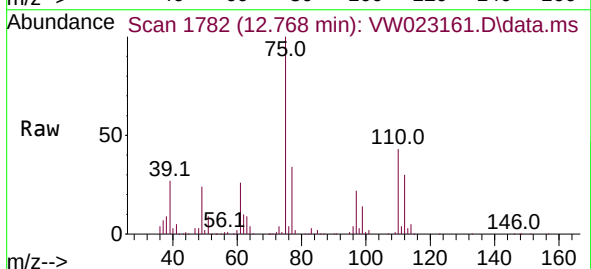
Tgt Ion: 75 Resp: 84141

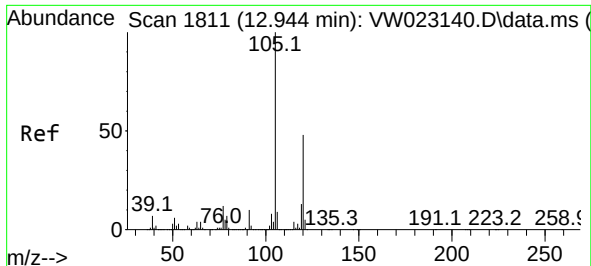
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

110 42.2 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 24.349 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

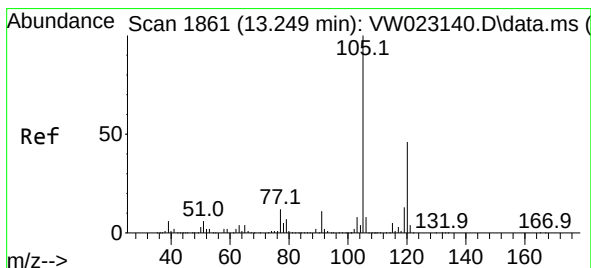
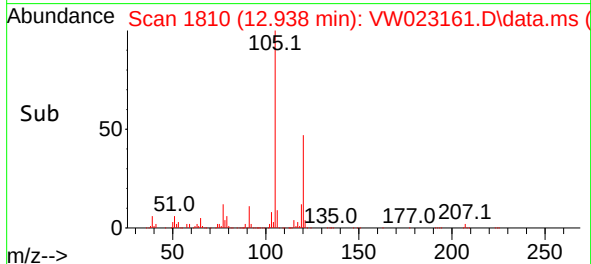
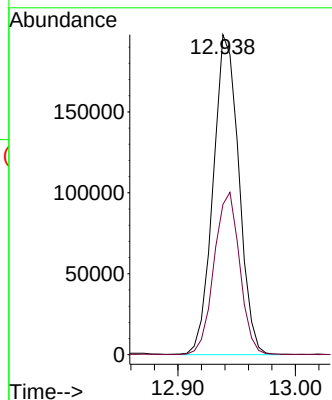
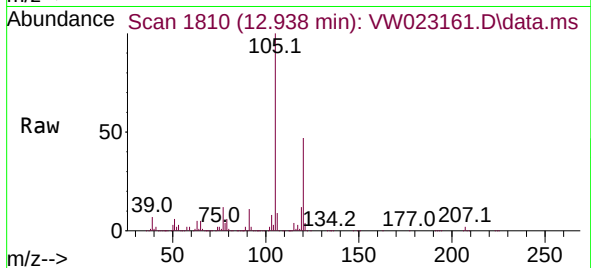
ClientSampleId :

Tgt Ion:105 Resp: 300631

Ion Ratio Lower Upper

105 100

120 50.7 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 24.652 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023161.D

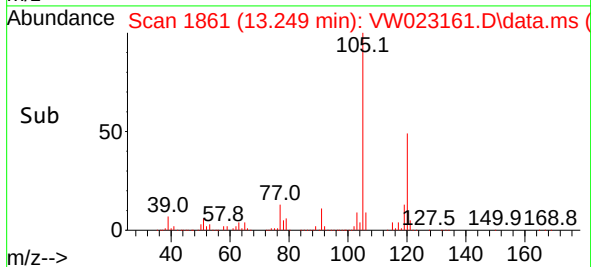
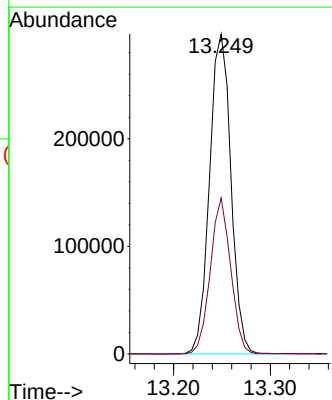
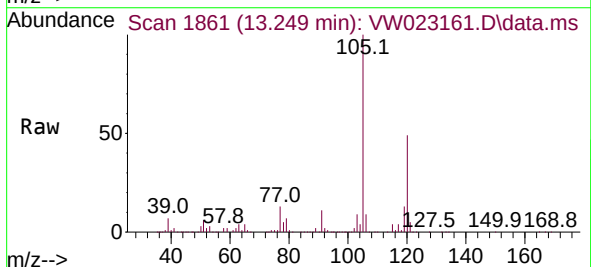
Acq: 19 May 2022 04:06

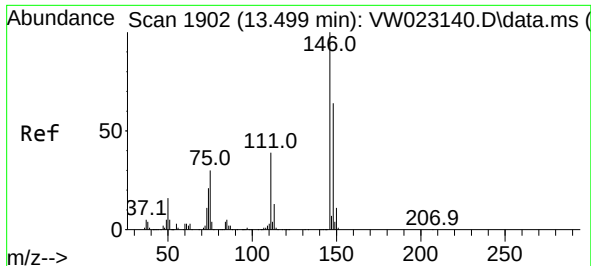
Tgt Ion:105 Resp: 457026

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.2

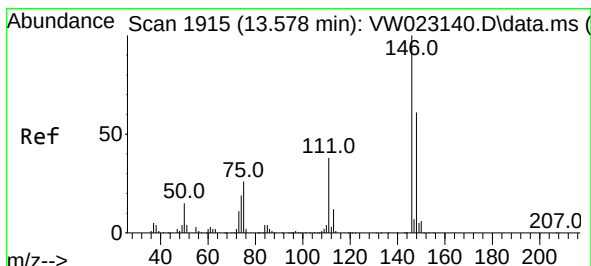
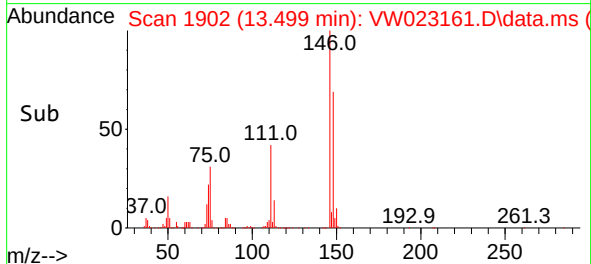
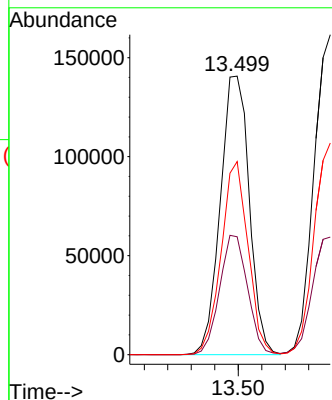
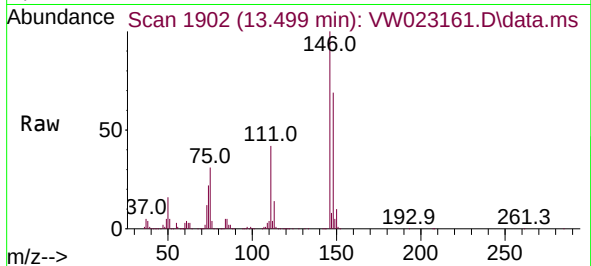




#64
1,3-Dichlorobenzene
Concen: 24.341 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

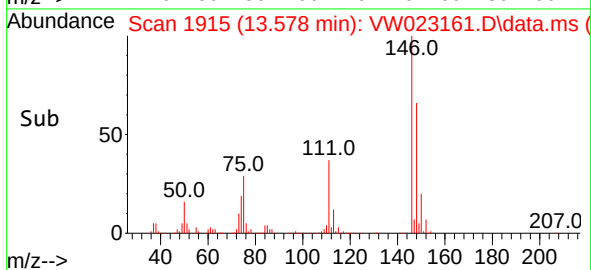
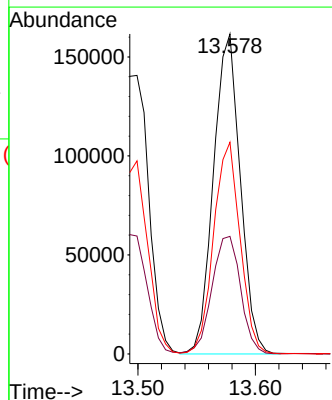
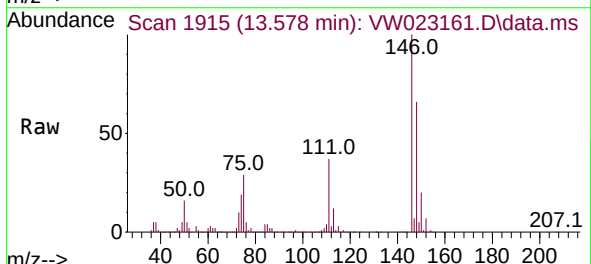
Instrument :
MSVOA_W
ClientSampleId :

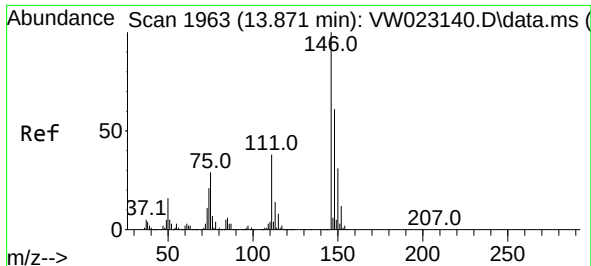
Tgt Ion:146 Resp: 241189
Ion Ratio Lower Upper
146 100
111 42.3 29.5 54.9
148 69.3 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.082 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion:146 Resp: 256704
Ion Ratio Lower Upper
146 100
111 36.8 27.2 50.4
148 66.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.054 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

ClientSampleId :

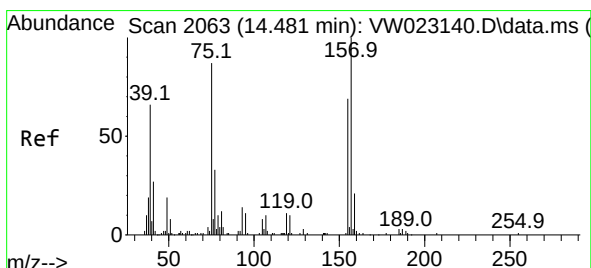
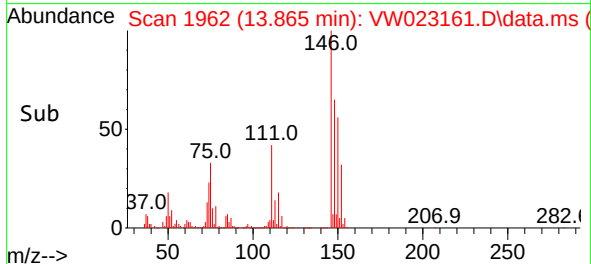
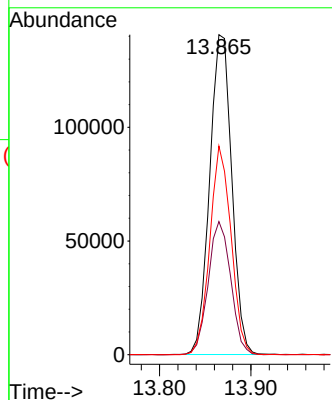
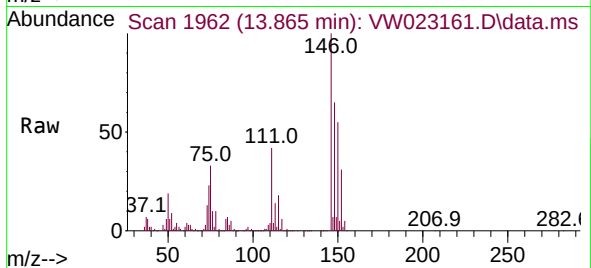
Tgt Ion:146 Resp: 236237

Ion Ratio Lower Upper

146 100

111 41.6 35.7 53.5

148 65.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.590 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

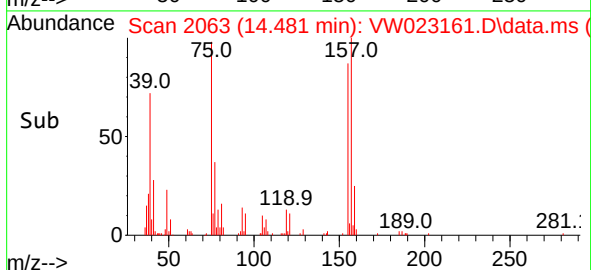
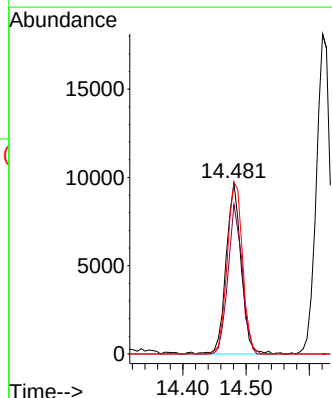
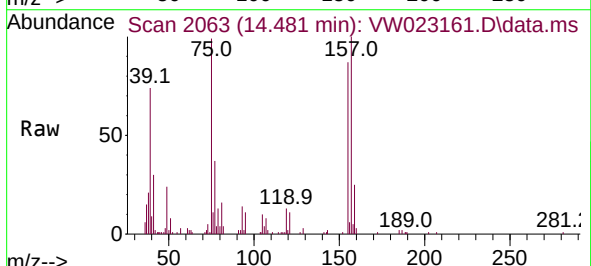
Tgt Ion: 75 Resp: 15981

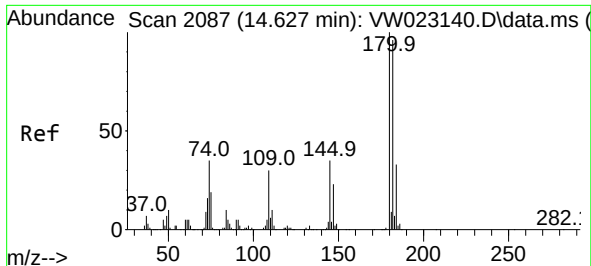
Ion Ratio Lower Upper

75 100

155 87.5 59.3 88.9

157 100.5 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 21.817 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

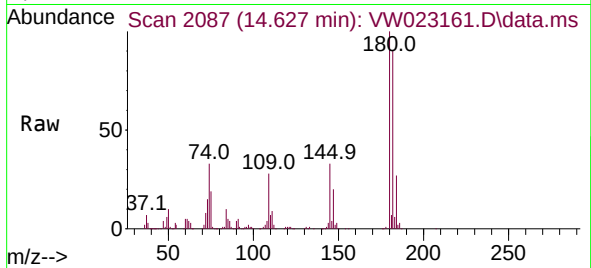
Lab File: VW023161.D

Acq: 19 May 2022 04:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 143495

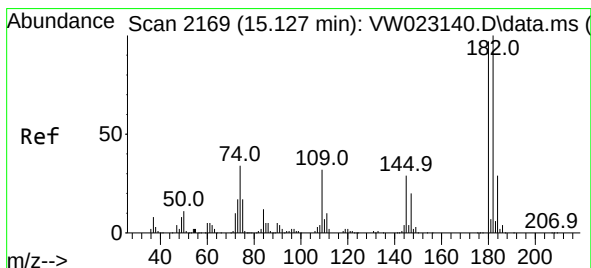
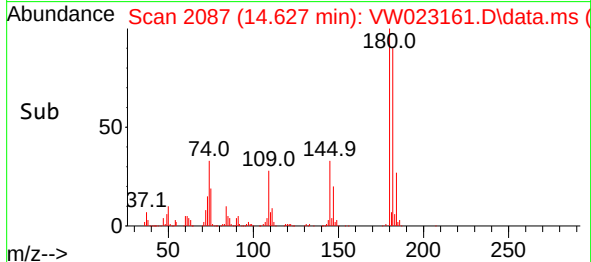
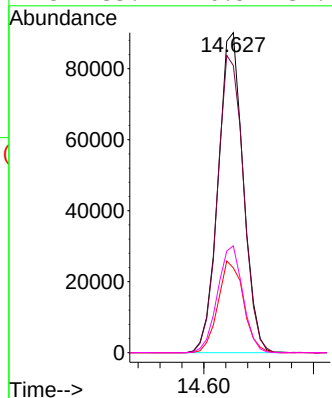
Ion Ratio Lower Upper

180 100

182 95.9 74.8 112.2

184 29.0 23.4 35.2

145 33.7 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 23.334 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023161.D

Acq: 19 May 2022 04:06

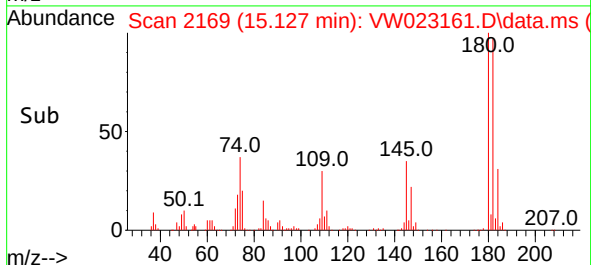
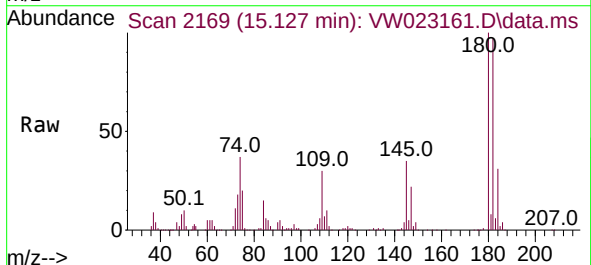
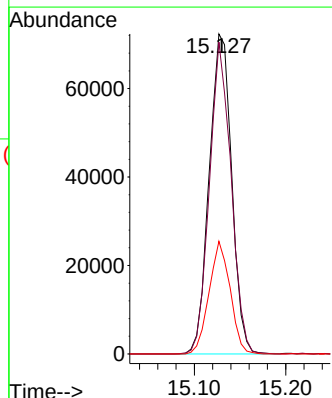
Tgt Ion:180 Resp: 123453

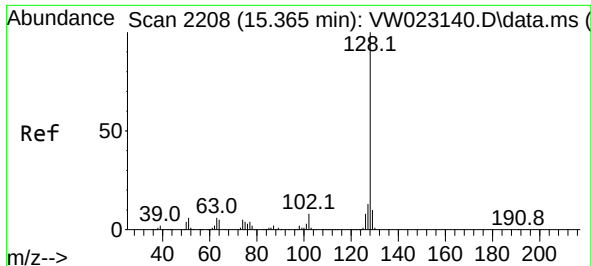
Ion Ratio Lower Upper

180 100

182 93.8 74.9 112.3

145 33.0 26.6 39.8

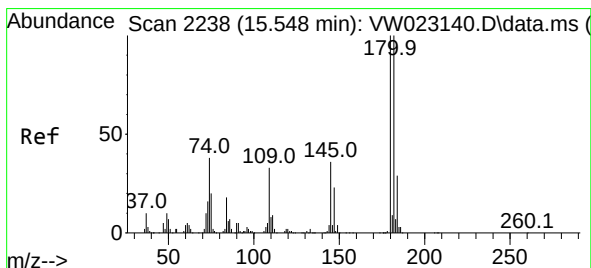
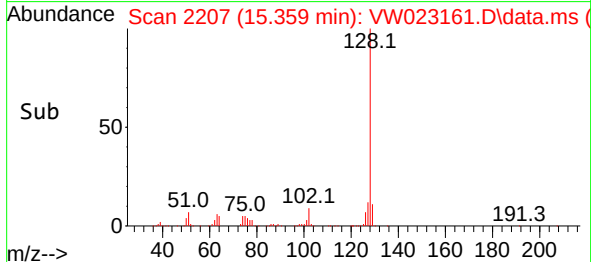
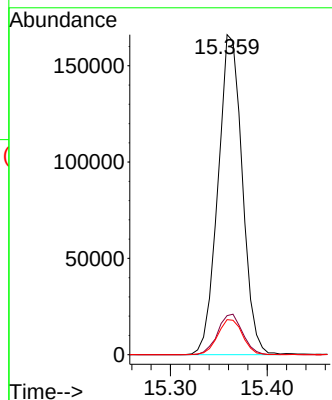
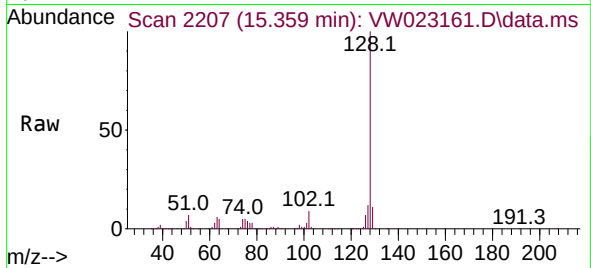




#71
Naphthalene
Concen: 25.164 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 289368
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.277 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW023161.D
Acq: 19 May 2022 04:06

Tgt Ion:180 Resp: 113842
Ion Ratio Lower Upper
180 100
182 93.3 73.5 110.3
145 35.1 27.9 41.9

