

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023437.D
 Acq On : 10 Jun 2022 09:59
 Operator : SY/VA
 Sample : VSTD2.520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 11:40:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 11:40:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	312457	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	139160	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	13575	2.795	ug/L	0.00
7) Chloroethane-d5	2.885	69	8454	2.454	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	18870	2.663	ug/L	-0.01
21) 2-Butanone-d5	7.092	46	5605	5.990	ug/L	0.02
24) Chloroform-d	7.646	84	23615	2.818	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	12739	2.867	ug/L	0.00
32) Benzene-d6	8.274	84	42162	2.640	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	12000	2.670	ug/L	0.00
41) Toluene-d8	10.323	98	37062	2.433	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4841	2.418	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	2890	4.213	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	10626	2.684	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	12921	2.627	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	1154	1.082	ug/L	97
3) Chloromethane	2.214	50	9344	2.575	ug/L	96
5) Vinyl chloride	2.361	62	15039	2.668	ug/L	97
6) Bromomethane	2.775	94	7772	2.517	ug/L	97
8) Chloroethane	2.922	64	6921	2.465	ug/L	93
9) Trichlorofluoromethane	3.257	101	6909	2.464	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	9182	2.317	ug/L #	65
12) 1,1-Dichloroethene	4.037	96	8399	2.391	ug/L	88
13) Acetone	4.123	43	2341	3.398	ug/L	69
14) Carbon disulfide	4.385	76	26224	2.349	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	10561	2.531	ug/L	85
18) Methyl tert-butyl Ether	5.421	73	14872	2.427	ug/L #	85
19) 1,1-Dichloroethane	6.214	63	19039	2.671	ug/L	93
20) cis-1,2-Dichloroethene	7.177	96	11557	2.613	ug/L #	79
22) 2-Butanone	7.183	43	5474	5.335	ug/L	84
23) Bromochloromethane	7.518	128	5303	2.559	ug/L #	84
25) Chloroform	7.677	83	21579	2.726	ug/L	95
27) 1,2-Dichloroethane	8.396	62	14004	2.772	ug/L	96
29) Cyclohexane	7.963	56	14334	2.337	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	18063	2.629	ug/L	95
31) Carbon tetrachloride	8.073	117	16582	2.632	ug/L	100
33) Benzene	8.323	78	44482	2.610	ug/L	100
34) Trichloroethene	9.091	95	12358	2.676	ug/L	96
35) Methylcyclohexane	9.335	83	17413	2.297	ug/L	95
37) 1,2-Dichloropropane	9.366	63	11024	2.737	ug/L #	94
38) Bromodichloromethane	9.646	83	14733	2.609	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	15078	2.407	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	10936	4.950	ug/L #	95
42) Toluene	10.384	91	44250	2.305	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	12457	2.260	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	9124	2.813	ug/L	93
46) Tetrachloroethene	10.865	164	9272	2.551	ug/L	81

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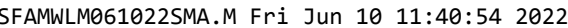
Quant Time: Jun 10 11:40:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 11:40:18 2022
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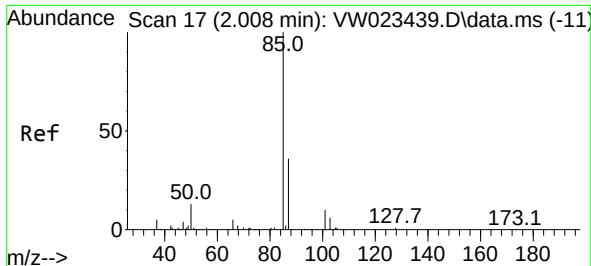
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) 2-Hexanone	10.969	43	6446	4.501	ug/L	96
49) Dibromochloromethane	11.127	129	8997	2.285	ug/L	99
50) 1,2-Dibromoethane	11.237	107	7529	2.384	ug/L #	100
51) Chlorobenzene	11.658	112	32266	2.564	ug/L	93
52) Ethylbenzene	11.731	91	50313	2.374	ug/L	96
53) m,p-Xylene	11.835	106	19509	2.377	ug/L	80
54) o-Xylene	12.164	106	17164	2.172	ug/L	97
55) Styrene	12.182	104	28389	2.081	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.719	83	10083	2.550	ug/L #	97
59) Bromoform	12.347	173	4691	2.484	ug/L #	97
60) Isopropylbenzene	12.463	105	45684	2.342	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	6768	2.673	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	35375	2.181	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	35518	2.215	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	21691	2.465	ug/L	88
65) 1,4-Dichlorobenzene	13.578	146	23328	2.579	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	19388	2.403	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	1502	2.797	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.621	180	14121	2.414	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	10084	2.240	ug/L	99
71) Naphthalene	15.365	128	16619	1.962	ug/L	97
72) 1,2,3-Trichlorobenzene	15.547	180	8604	2.183	ug/L	94

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

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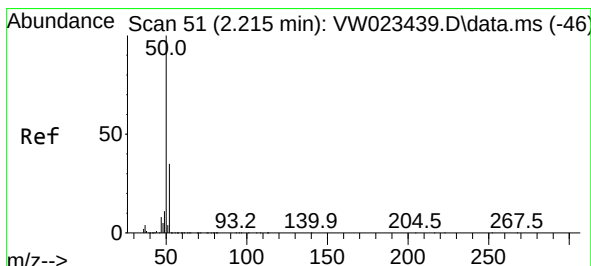
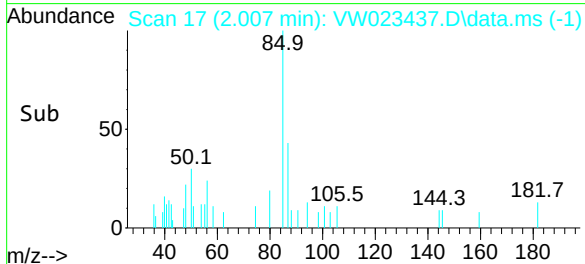
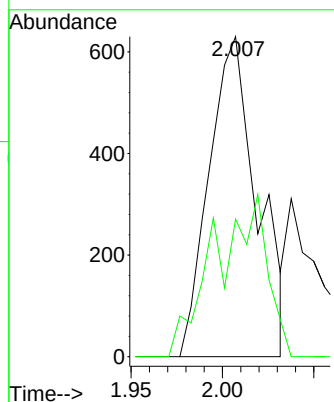
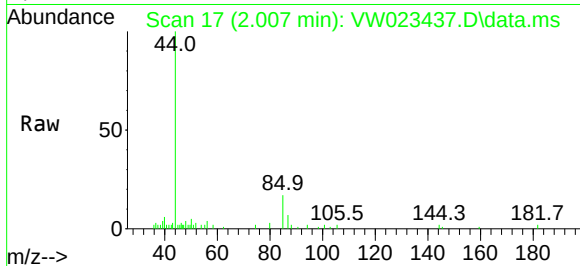




#2
 Dichlorodifluoromethane
 Concen: 1.082 ug/L
 RT: 2.007 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VW023437.D
 Acq: 10 Jun 2022 09:59

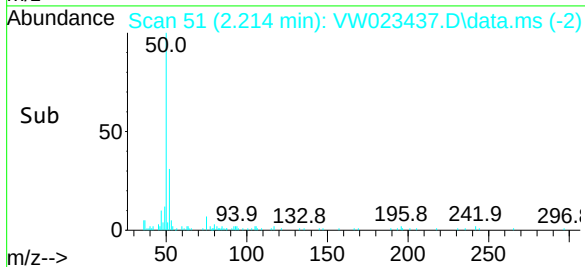
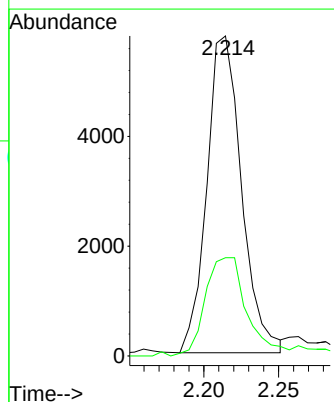
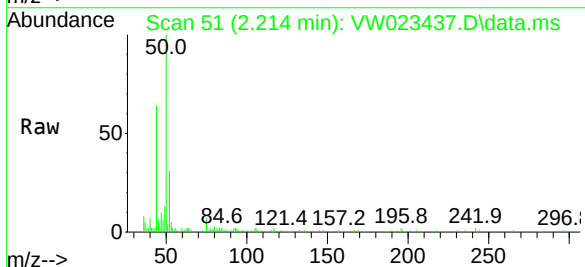
Instrument :
 MSVOA_W
 ClientSampleId :

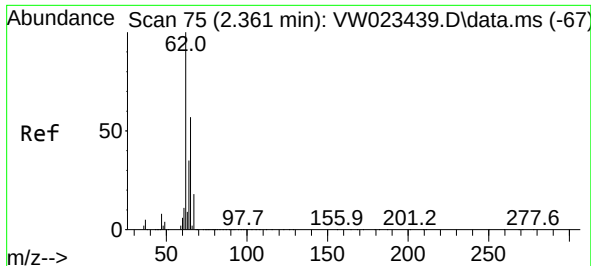
Tgt Ion: 85 Resp: 1154
 Ion Ratio Lower Upper
 85 100
 87 32.8 27.8 41.8



#3
 Chloromethane
 Concen: 2.575 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023437.D
 Acq: 10 Jun 2022 09:59

Tgt Ion: 50 Resp: 9344
 Ion Ratio Lower Upper
 50 100
 52 30.7 23.1 42.9

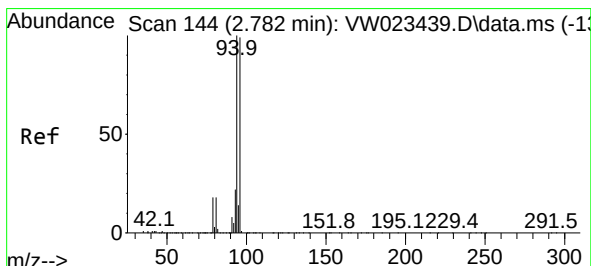
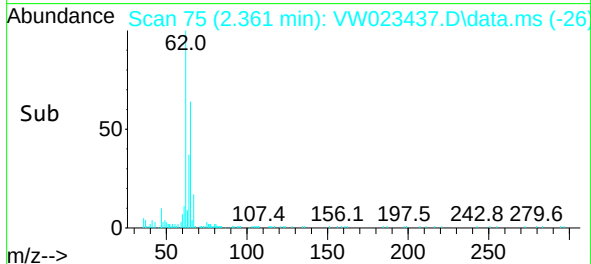
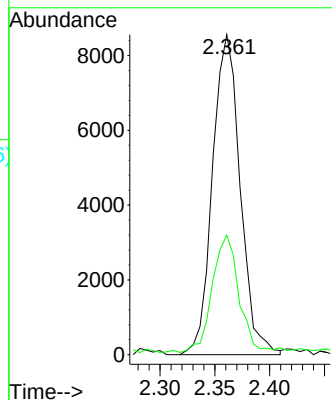
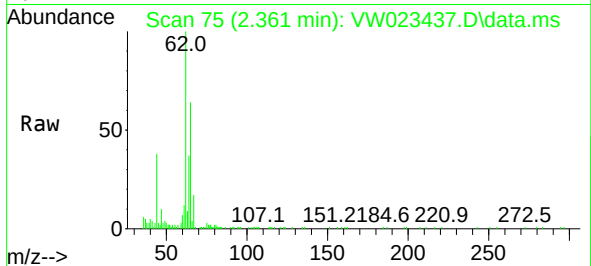




#5
 Vinyl chloride
 Concen: 2.668 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023437.D
 Acq: 10 Jun 2022 09:59

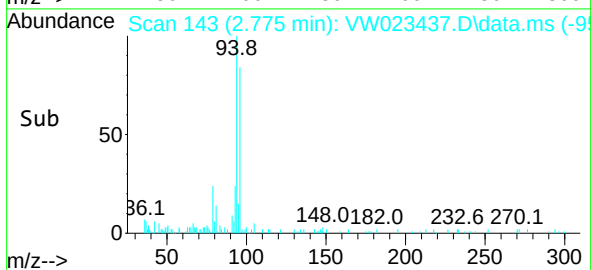
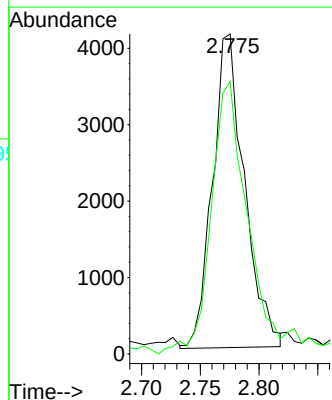
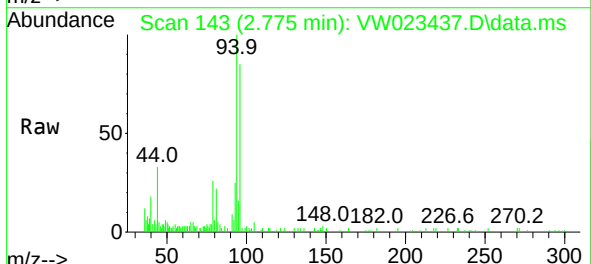
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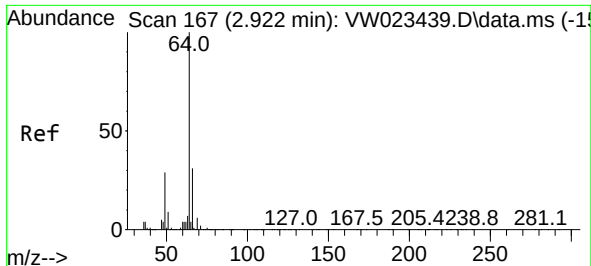
Tgt Ion: 62 Resp: 15039
 Ion Ratio Lower Upper
 62 100
 64 37.3 24.9 46.3



#6
 Bromomethane
 Concen: 2.517 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023437.D
 Acq: 10 Jun 2022 09:59

Tgt Ion: 94 Resp: 7772
 Ion Ratio Lower Upper
 94 100
 96 85.2 61.7 114.5

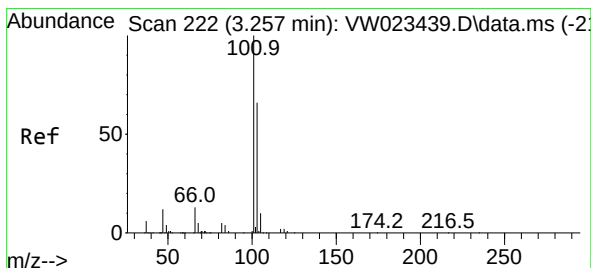
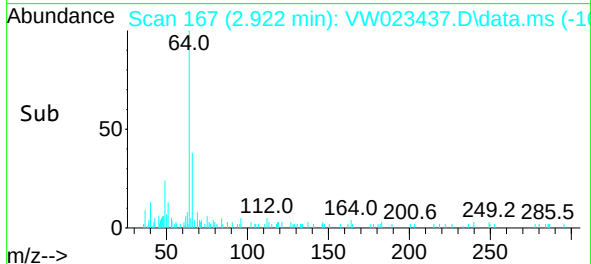
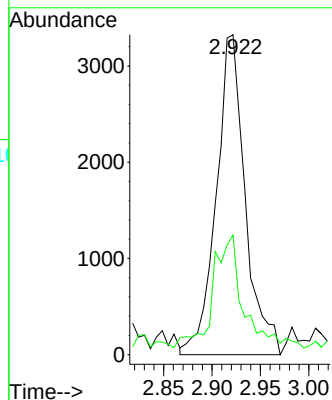
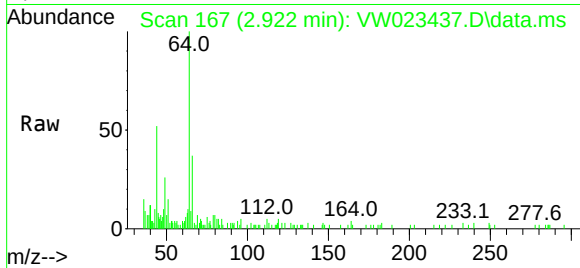




#8
Chloroethane
Concen: 2.465 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

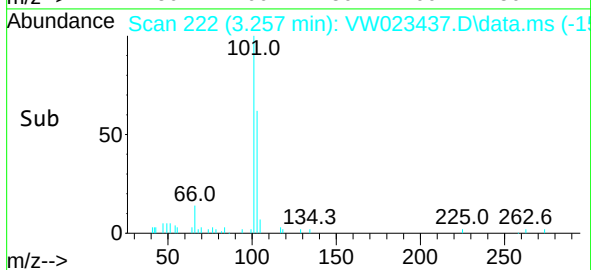
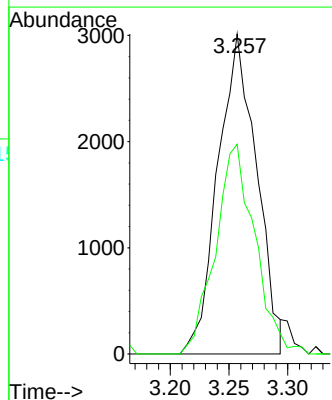
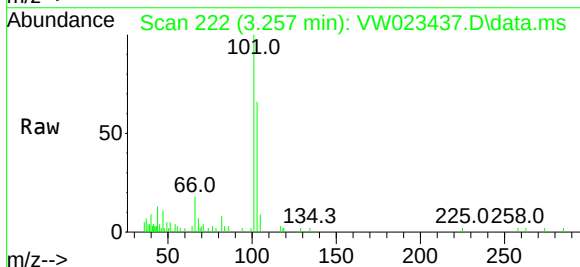
Instrument :
MSVOA_W
ClientSampleId :

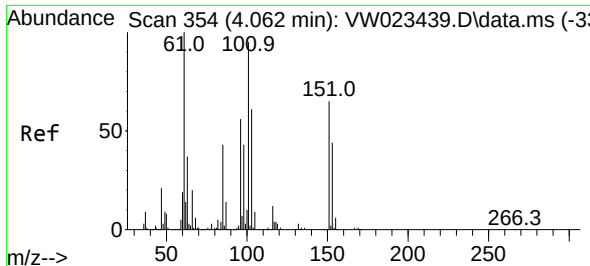
Tgt Ion: 64 Resp: 6921
Ion Ratio Lower Upper
64 100
66 37.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 2.464 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion: 101 Resp: 6909
Ion Ratio Lower Upper
101 100
103 66.2 53.9 80.9

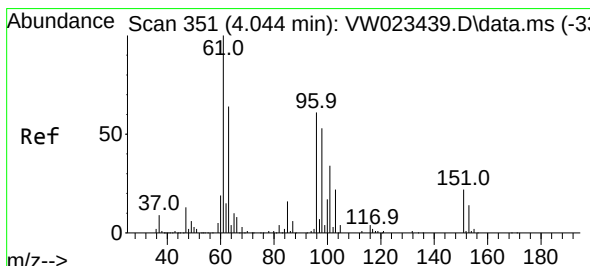
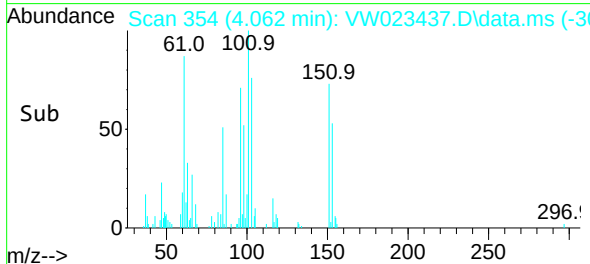
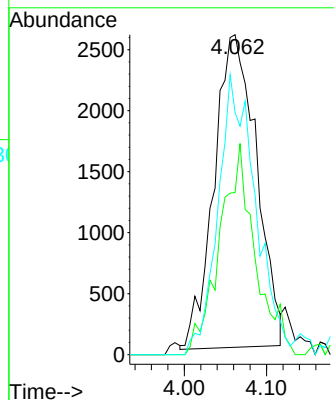
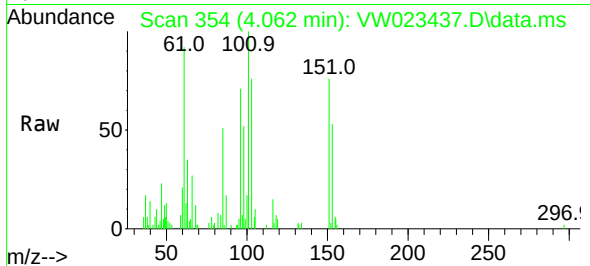




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.317 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023437.D
 Acq: 10 Jun 2022 09:59

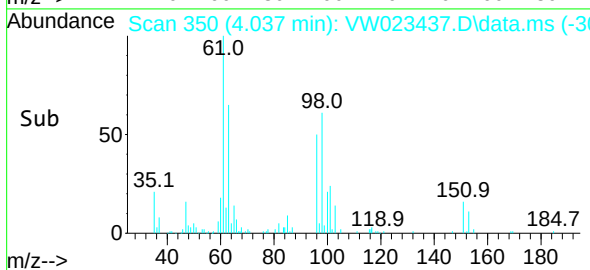
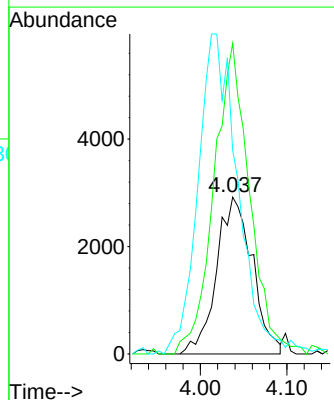
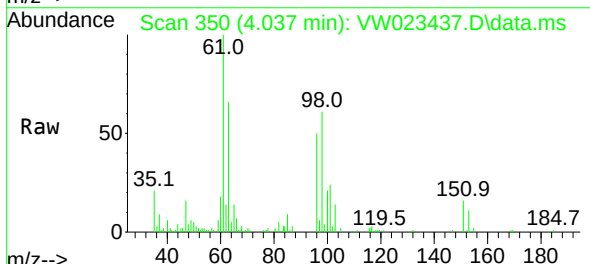
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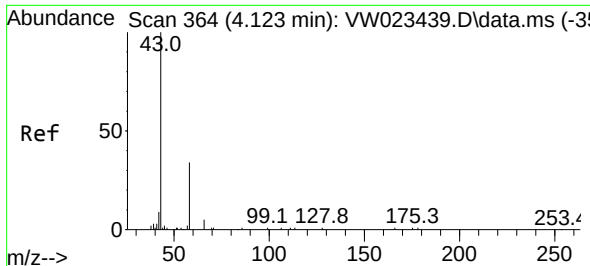
Tgt Ion:101 Resp: 9182
 Ion Ratio Lower Upper
 101 100
 85 20.8 34.3 51.5#
 151 39.8 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 2.391 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023437.D
 Acq: 10 Jun 2022 09:59

Tgt Ion: 96 Resp: 8399
 Ion Ratio Lower Upper
 96 100
 61 198.1 125.7 233.5
 63 129.8 83.4 155.0

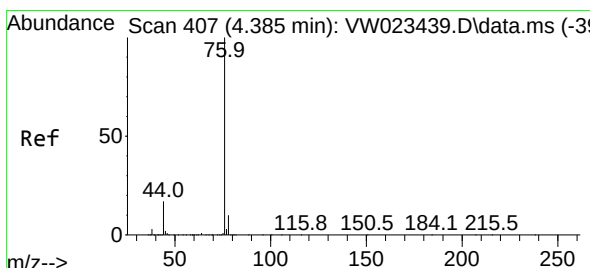
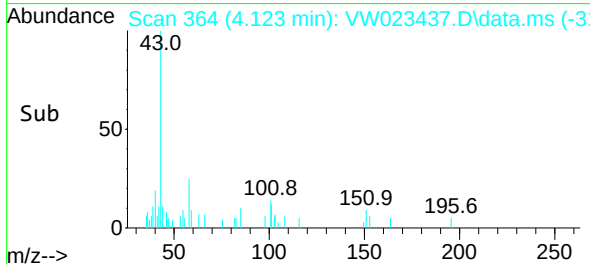
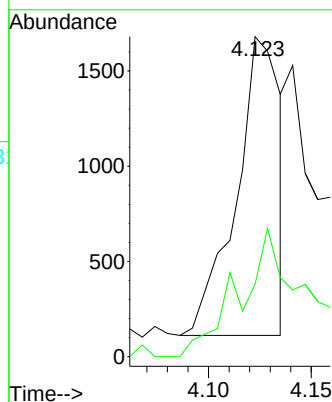
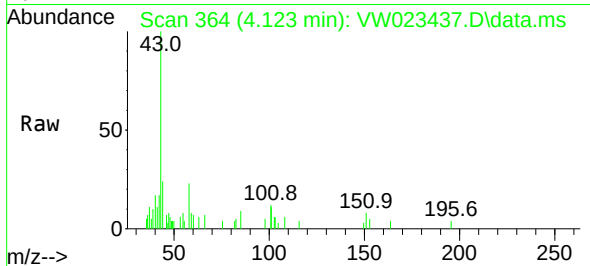




#13
Acetone
Concen: 3.398 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

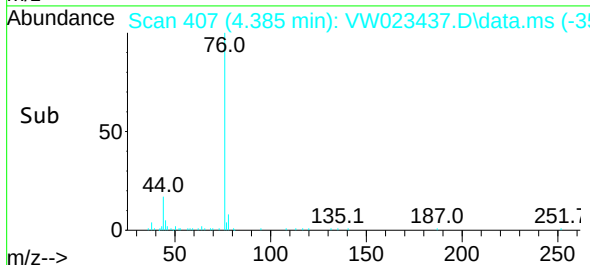
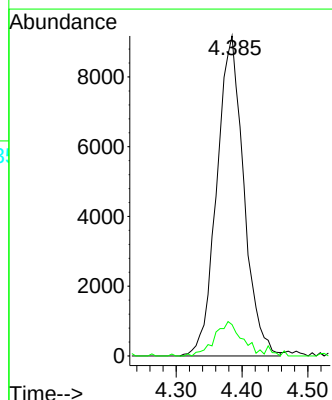
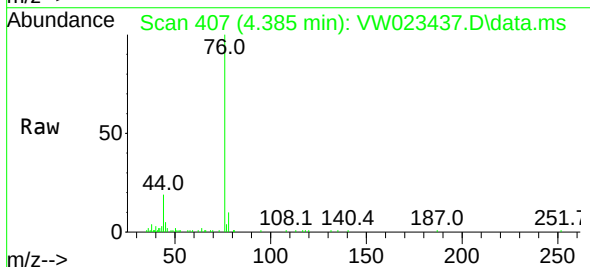
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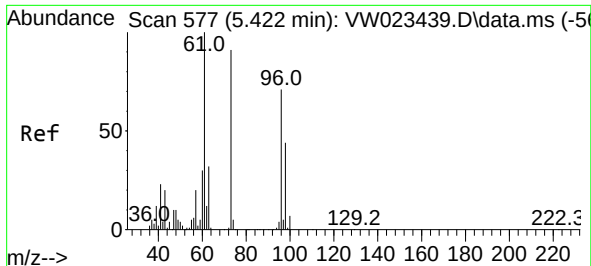
Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
58 14.9 0.0 64.0



#14
Carbon disulfide
Concen: 2.349 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

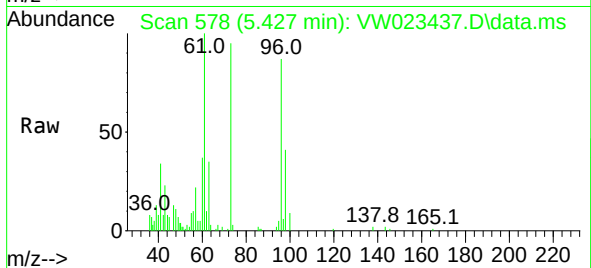
Tgt Ion: 76 Resp: 26224
Ion Ratio Lower Upper
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78 9.8 7.7 11.5



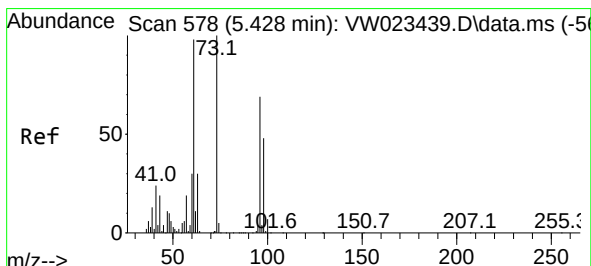
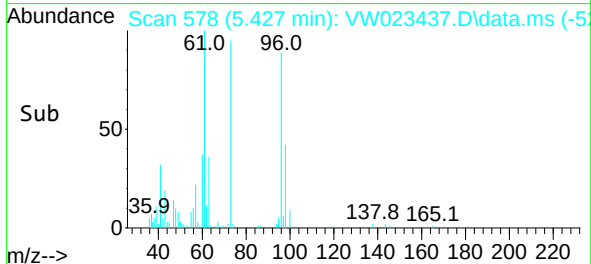
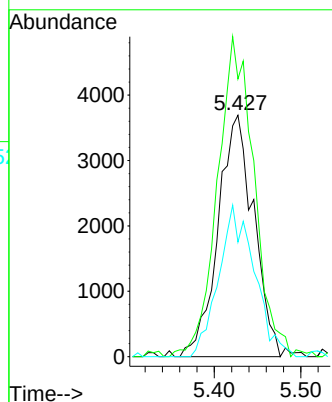


#17
trans-1,2-Dichloroethene
Concen: 2.531 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Instrument :
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ClientSampleId :

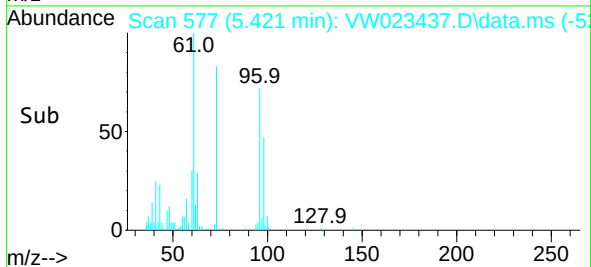
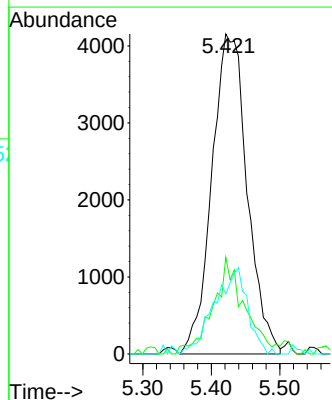
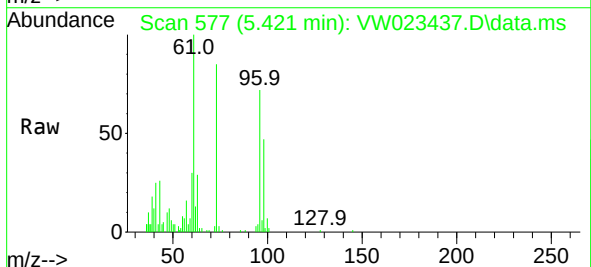


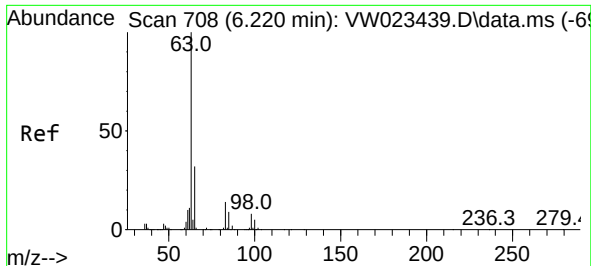
Tgt Ion: 96 Resp: 10561
Ion Ratio Lower Upper
96 100
61 115.1 92.2 171.2
98 47.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 2.427 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion: 73 Resp: 14872
Ion Ratio Lower Upper
73 100
43 15.6 15.9 23.9#
57 11.4 16.5 24.7#

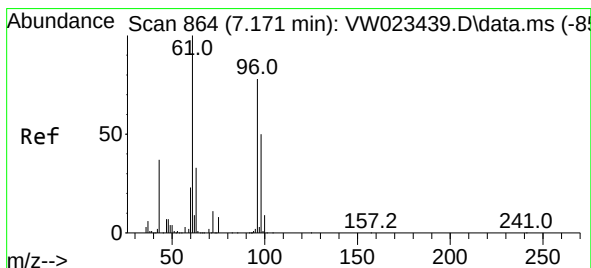
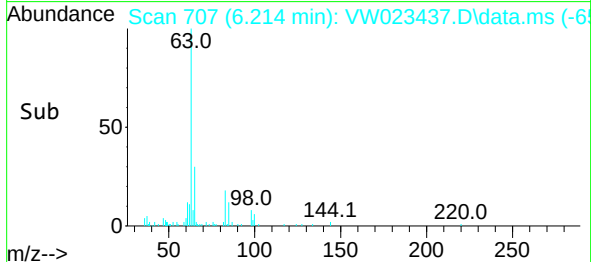
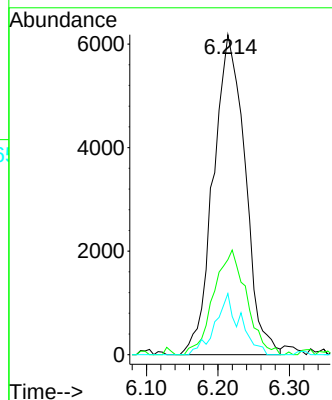
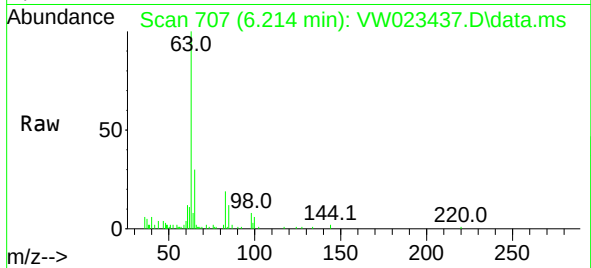




#19
1,1-Dichloroethane
Concen: 2.671 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

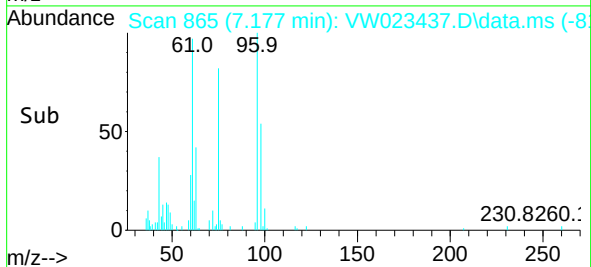
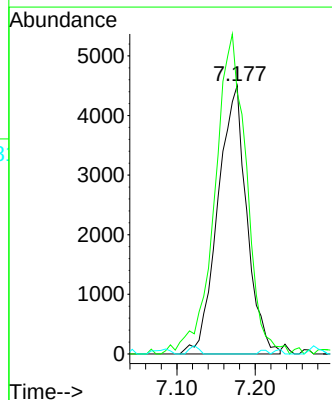
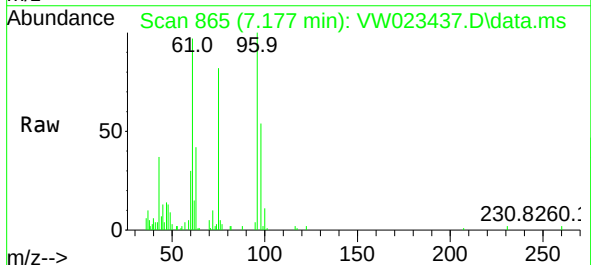
Instrument :
MSVOA_W
ClientSampleId :

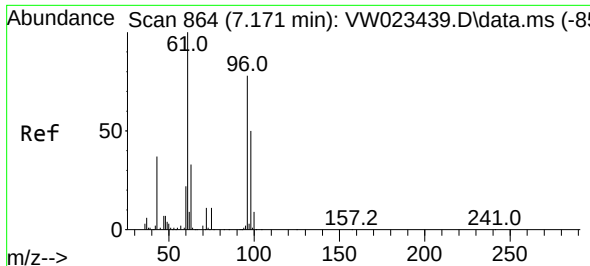
Tgt Ion: 63 Resp: 19039
Ion Ratio Lower Upper
63 100
65 29.7 23.3 43.3
83 19.1 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 2.613 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion: 96 Resp: 11557
Ion Ratio Lower Upper
96 100
61 97.4 84.2 156.4
68 0.0 0.1 0.1#

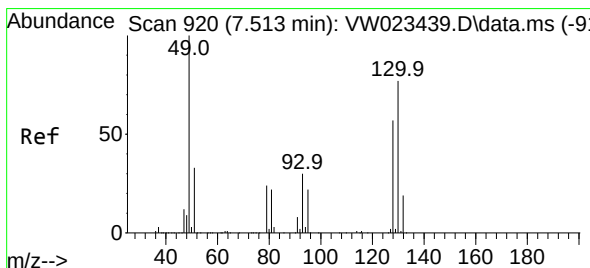
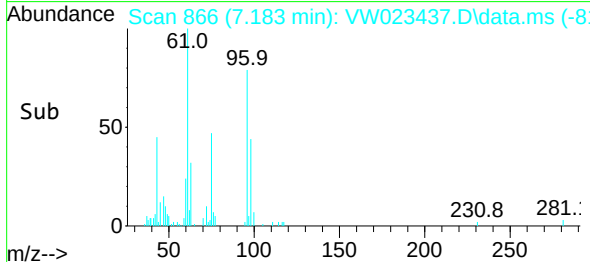
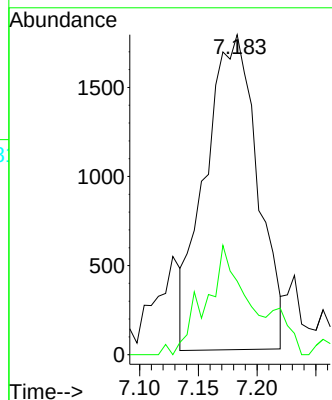
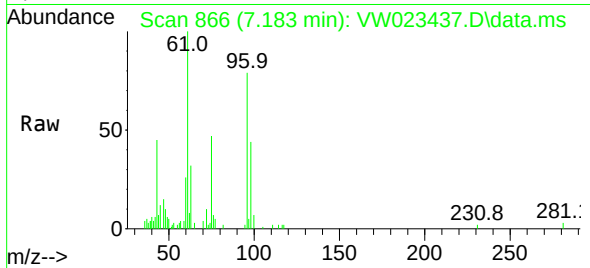




#22
2-Butanone
Concen: 5.335 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

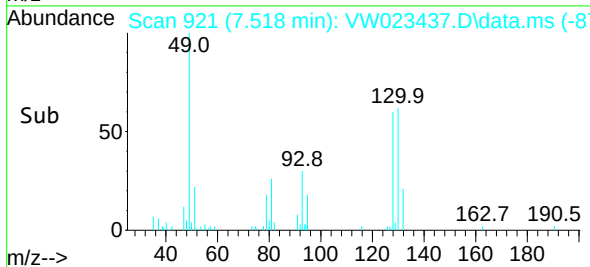
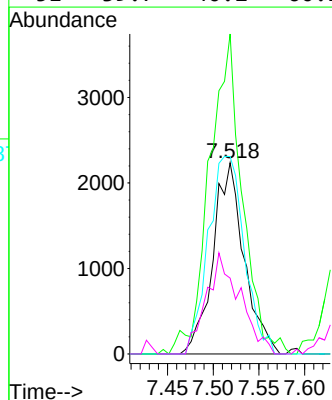
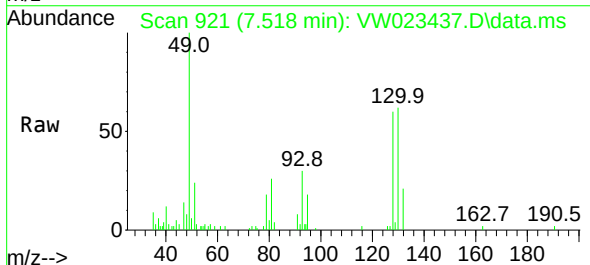
Instrument :
MSVOA_W
ClientSampleId :

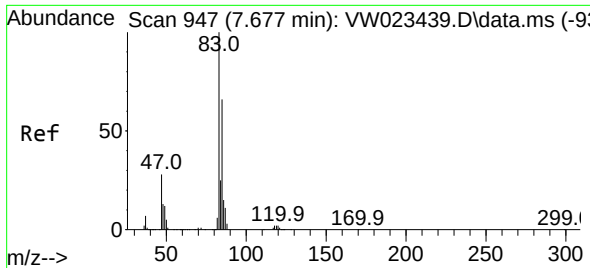
Tgt Ion: 43 Resp: 5474
Ion Ratio Lower Upper
43 100
72 21.3 15.1 45.3



#23
Bromochloromethane
Concen: 2.559 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion: 128 Resp: 5303
Ion Ratio Lower Upper
128 100
49 167.4 110.0 204.4
130 103.3 94.8 176.0
51 39.7 40.2 60.2#

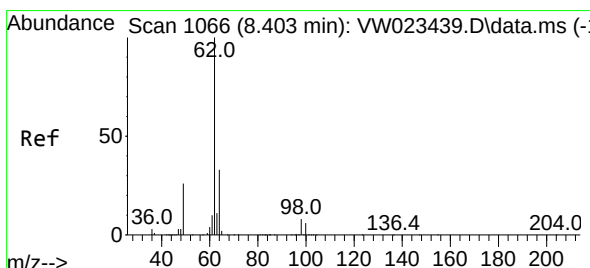
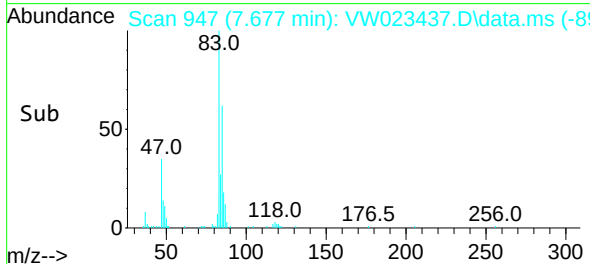
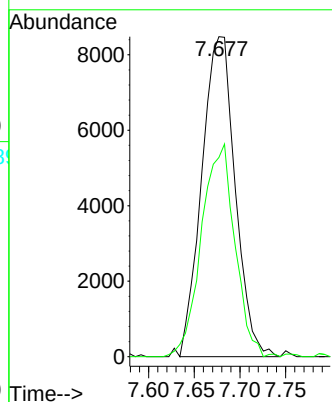
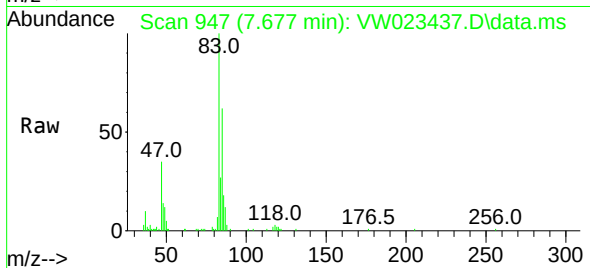




#25
Chloroform
Concen: 2.726 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

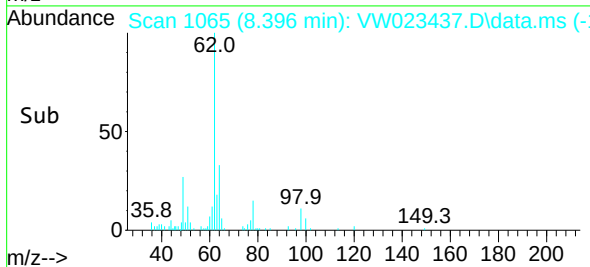
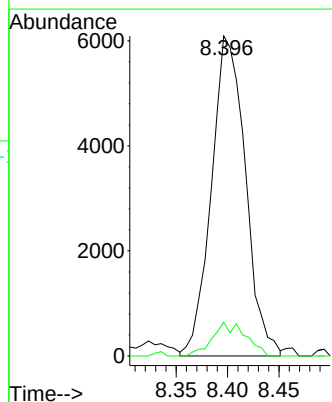
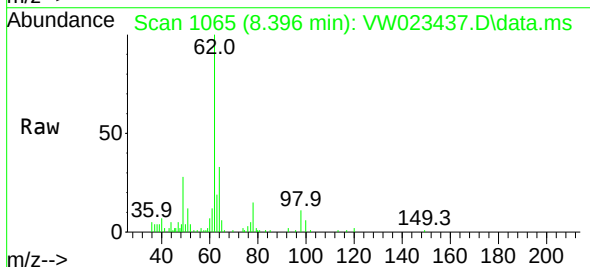
Instrument :
MSVOA_W
ClientSampleId :

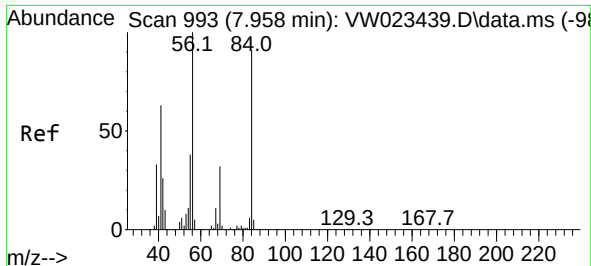
Tgt Ion: 83 Resp: 21579
Ion Ratio Lower Upper
83 100
85 62.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 2.772 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion: 62 Resp: 14004
Ion Ratio Lower Upper
62 100
98 10.5 7.2 10.8





#29

Cyclohexane

Concen: 2.337 ug/L

RT: 7.963 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

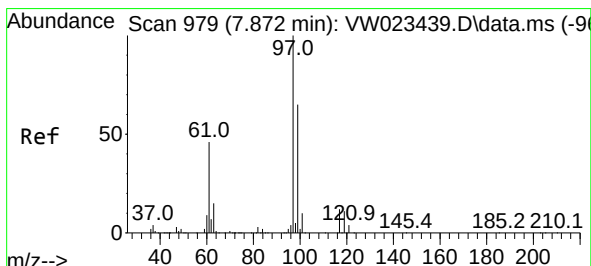
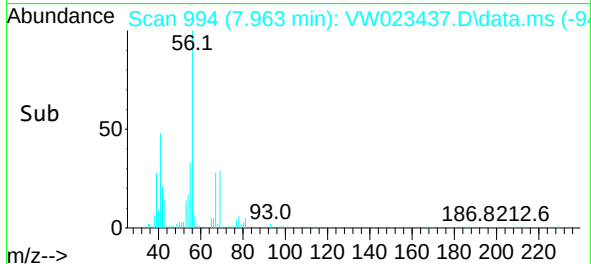
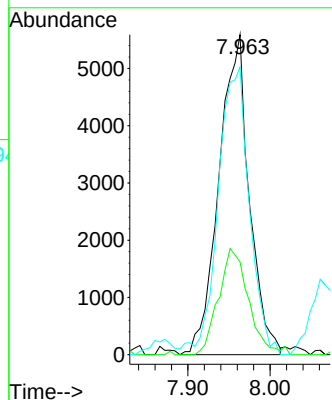
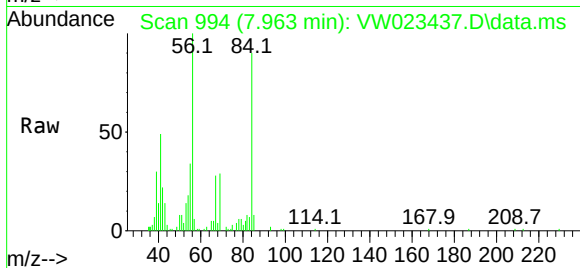
Tgt Ion: 56 Resp: 14334

Ion Ratio Lower Upper

56 100

69 32.5 25.6 38.4

84 90.9 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 2.629 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

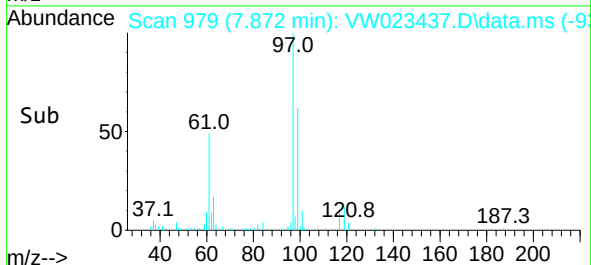
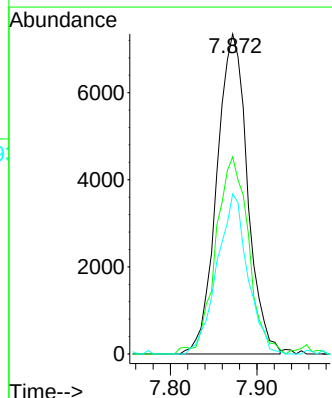
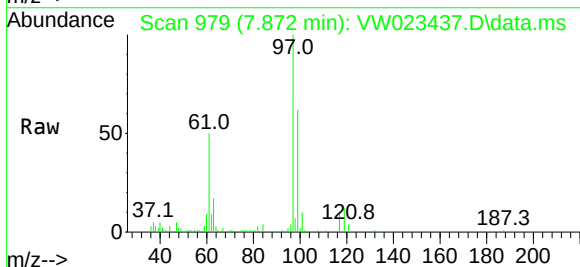
Tgt Ion: 97 Resp: 18063

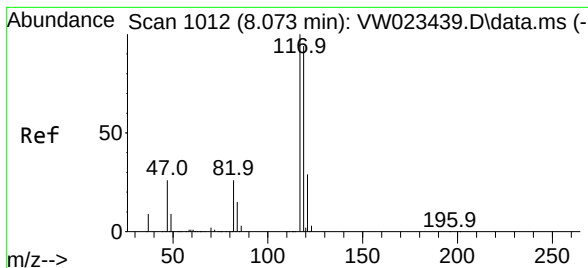
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 49.8 34.8 52.2

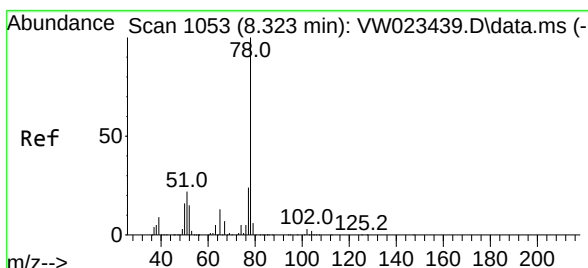
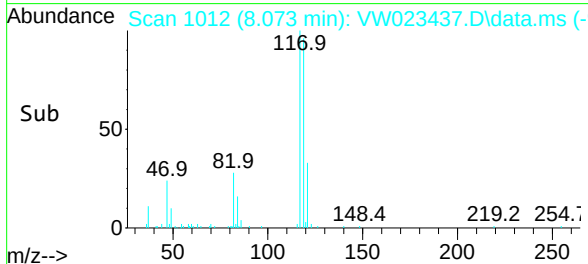
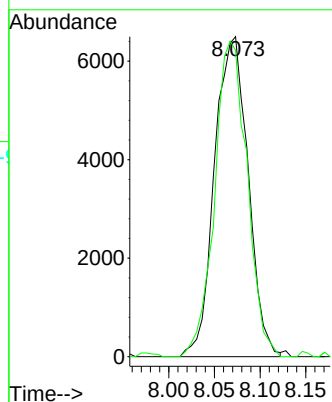
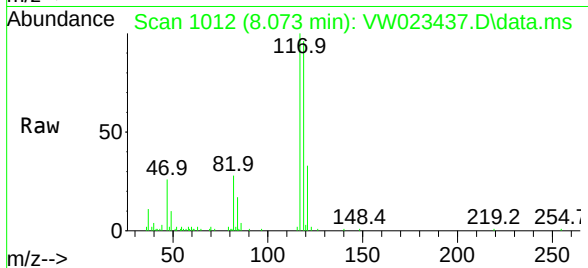




#31
Carbon tetrachloride
Concen: 2.632 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

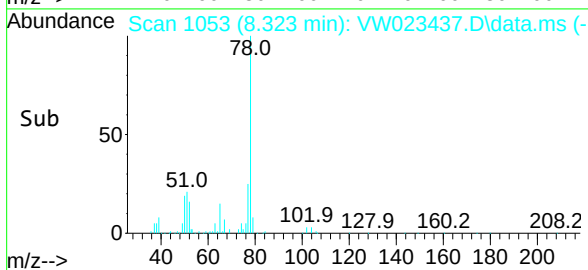
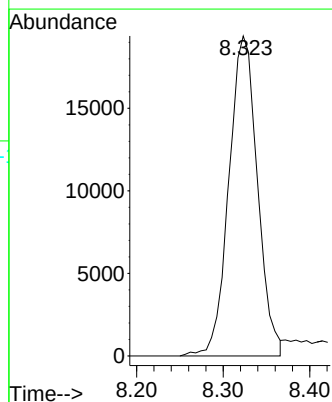
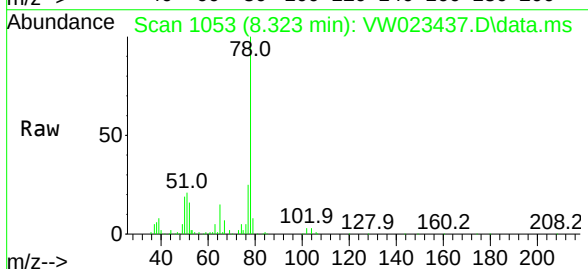
Instrument :
MSVOA_W
ClientSampleId :

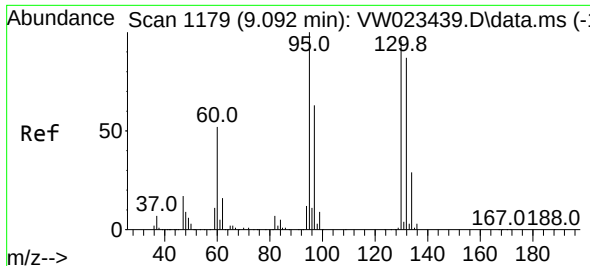
Tgt Ion:117 Resp: 16582
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0



#33
Benzene
Concen: 2.610 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

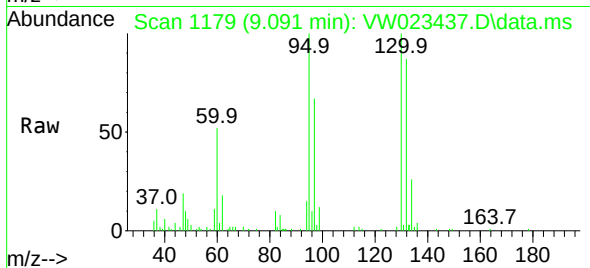
Tgt Ion: 78 Resp: 44482





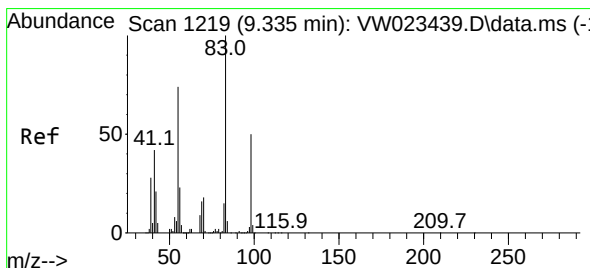
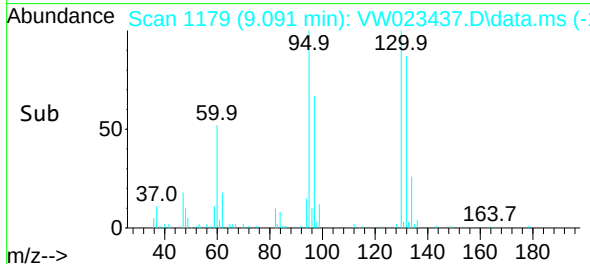
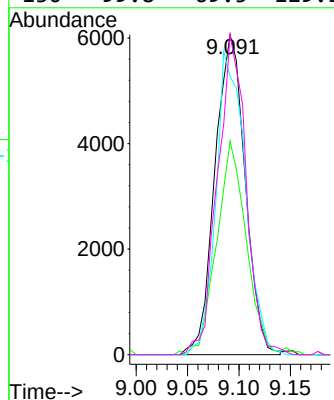
#34
Trichloroethene
Concen: 2.676 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 12358

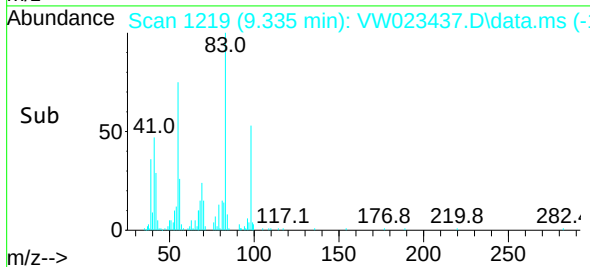
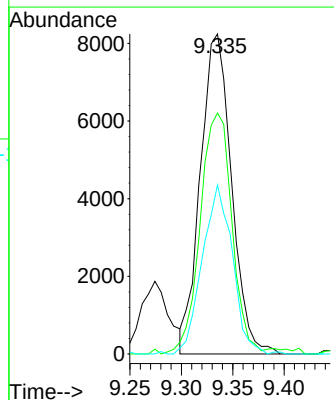
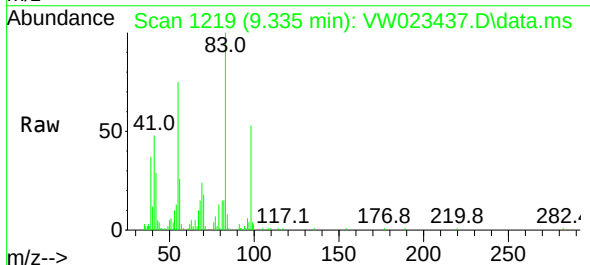
Ion	Ratio	Lower	Upper
95	100		
97	66.7	46.1	85.7
132	86.9	66.9	124.3
130	99.8	69.5	129.1

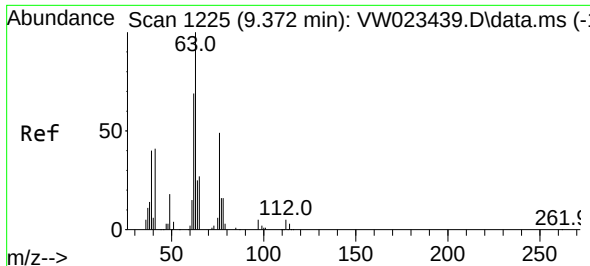


#35
Methylcyclohexane
Concen: 2.297 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion: 83 Resp: 17413

Ion	Ratio	Lower	Upper
83	100		
55	76.3	55.1	82.7
98	50.8	40.4	60.6





#37

1,2-Dichloropropane

Concen: 2.737 ug/L

RT: 9.366 min Scan# 11024

Delta R.T. -0.006 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Instrument :

MSVOA_W

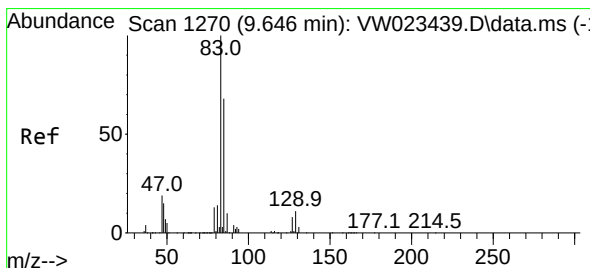
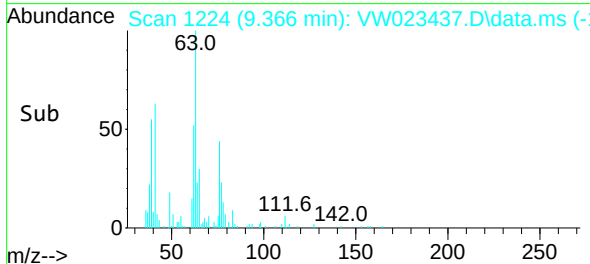
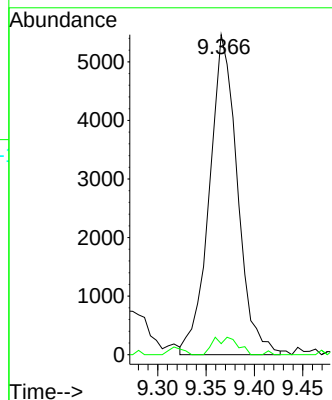
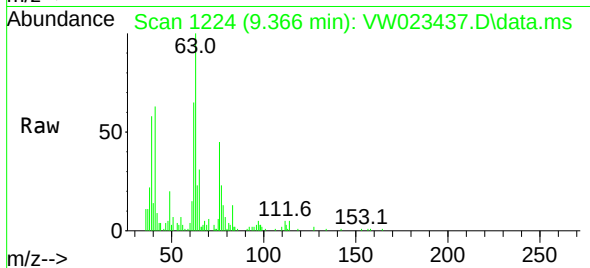
ClientSampleId :

Tgt Ion: 63 Resp: 11024

Ion Ratio Lower Upper

63 100

112 2.7 3.8 5.8#



#38

Bromodichloromethane

Concen: 2.609 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

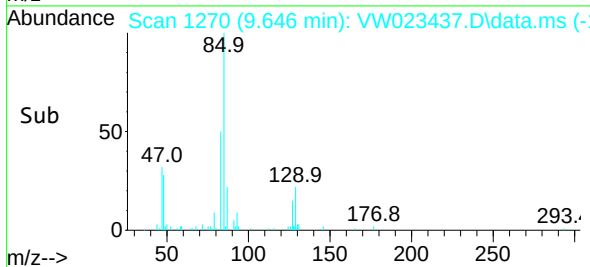
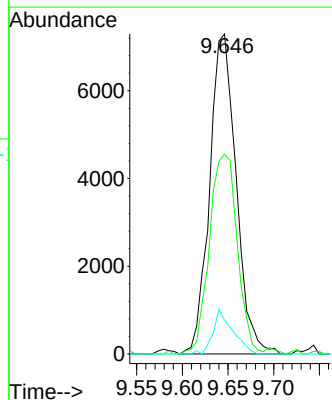
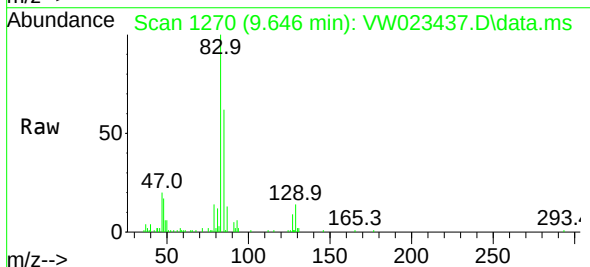
Tgt Ion: 83 Resp: 14733

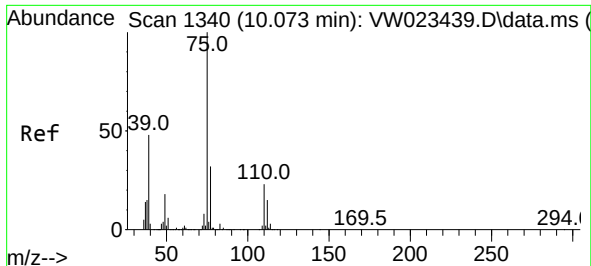
Ion Ratio Lower Upper

83 100

85 62.5 43.5 80.7

127 10.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 2.407 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Instrument :

MSVOA_W

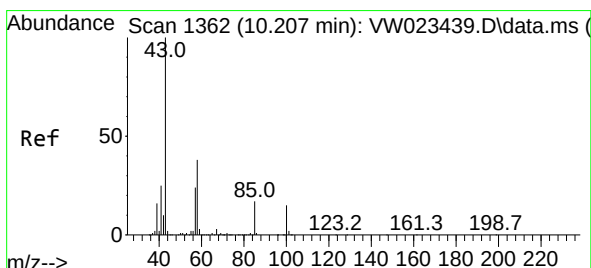
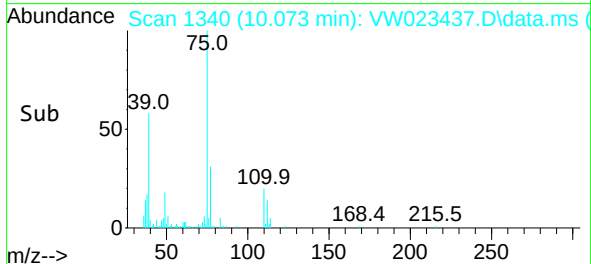
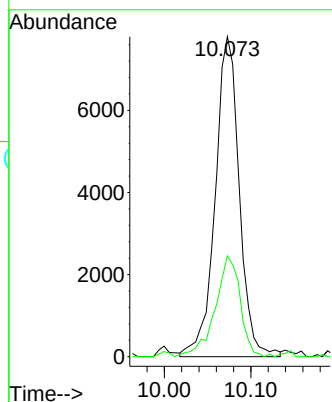
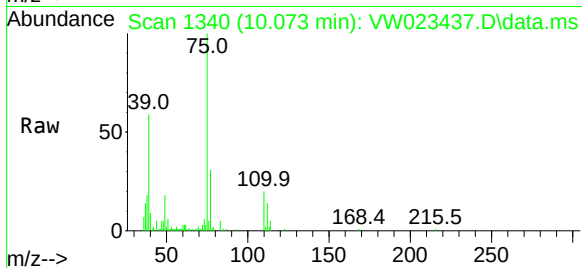
ClientSampleId :

Tgt Ion: 75 Resp: 15078

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 4.950 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

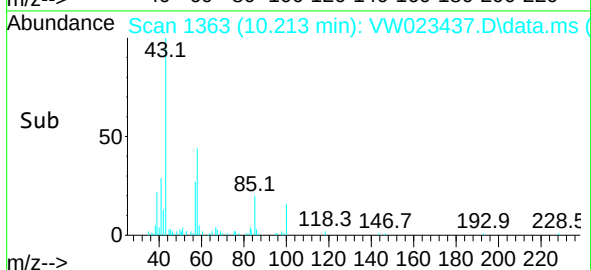
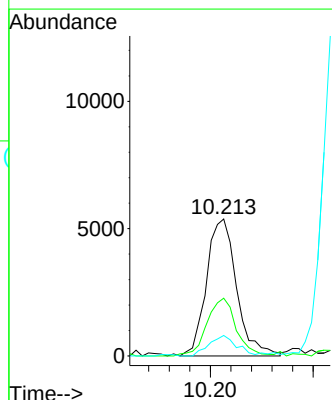
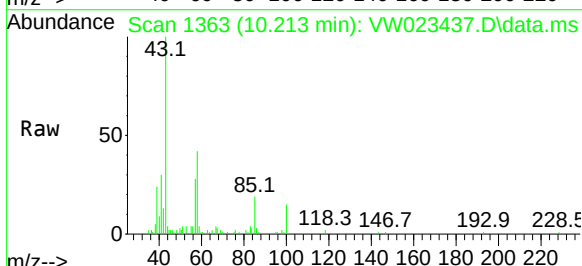
Tgt Ion: 43 Resp: 10936

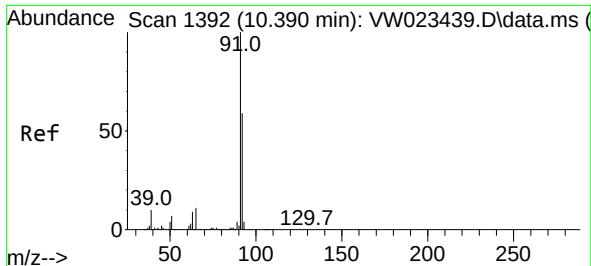
Ion Ratio Lower Upper

43 100

58 40.9 31.4 47.2

100 13.6 14.2 21.4#

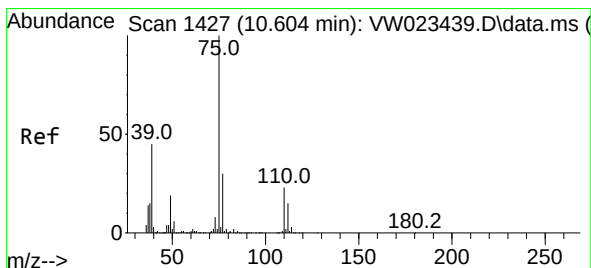
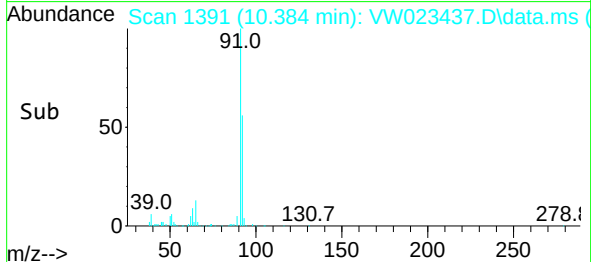
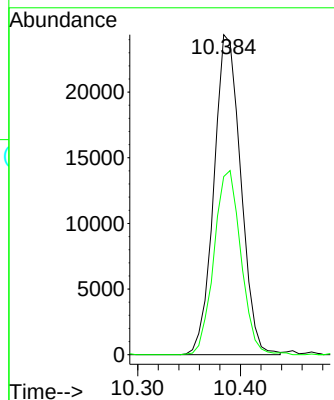
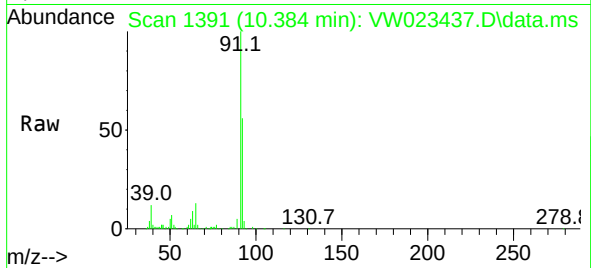




#42
Toluene
Concen: 2.305 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

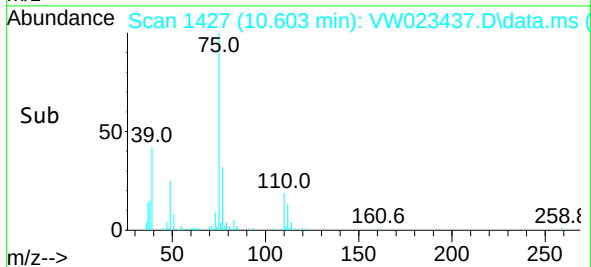
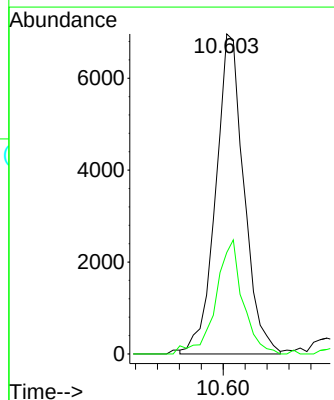
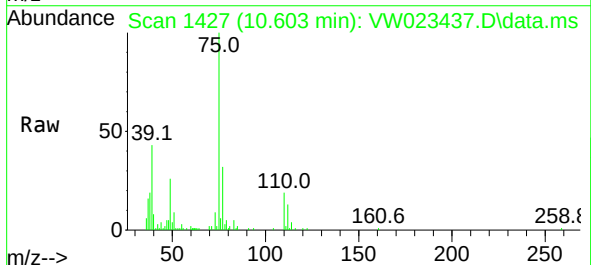
Instrument :
MSVOA_W
ClientSampleId :

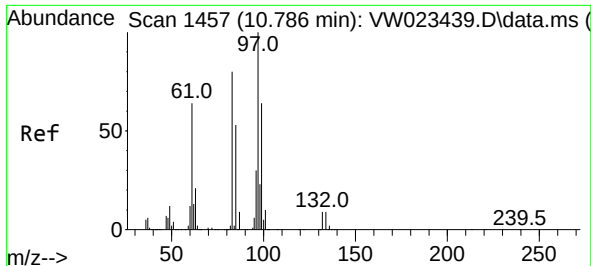
Tgt Ion: 91 Resp: 44250
Ion Ratio Lower Upper
91 100
92 55.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 2.260 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

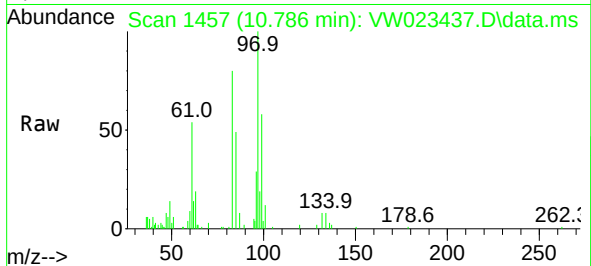
Tgt Ion: 75 Resp: 12457
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8



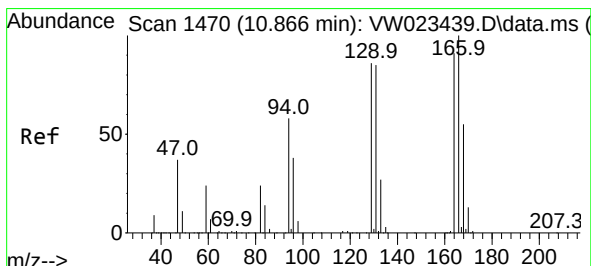
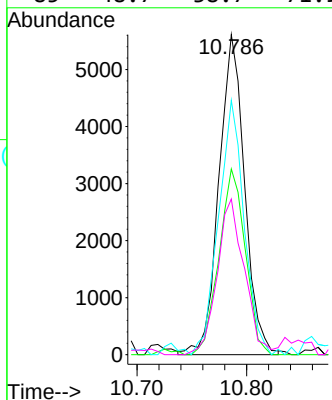
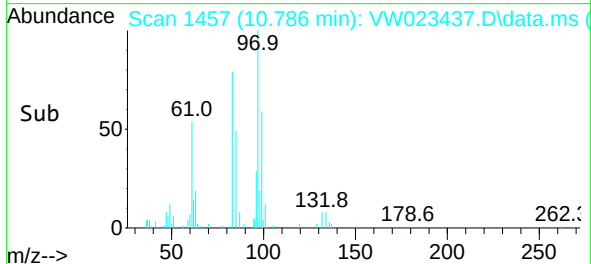


#45
1,1,2-Trichloroethane
Concen: 2.813 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

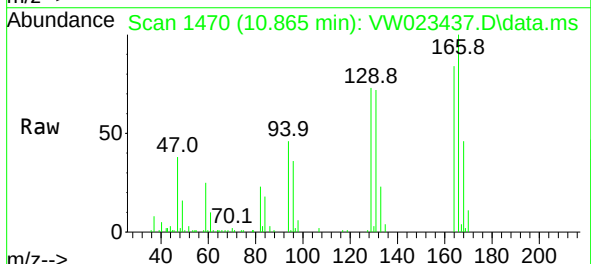
Instrument :
MSVOA_W
ClientSampleId :



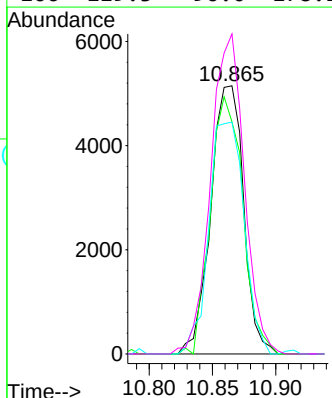
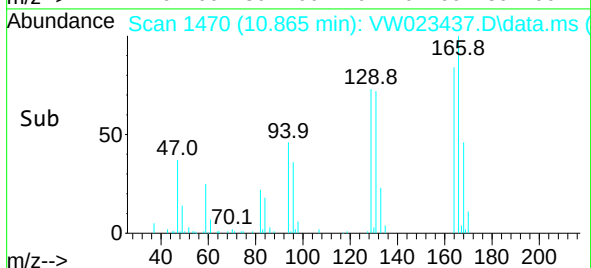
Tgt Ion: 97	Resp: 9124
Ion Ratio	Lower Upper
97 100	
99 58.0	44.7 82.9
83 79.5	58.4 108.4
85 48.7	38.7 71.9

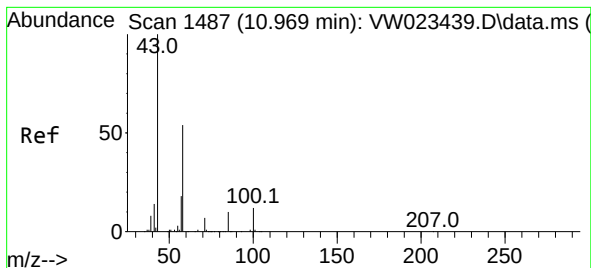


#46
Tetrachloroethene
Concen: 2.551 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59



Tgt Ion:164	Resp:	9272	
Ion	Ratio	Lower	Upper
164	100		
129	86.6	76.9	142.7
131	86.4	75.1	139.5
166	119.3	96.0	178.2





#48

2-Hexanone

Concen: 4.501 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

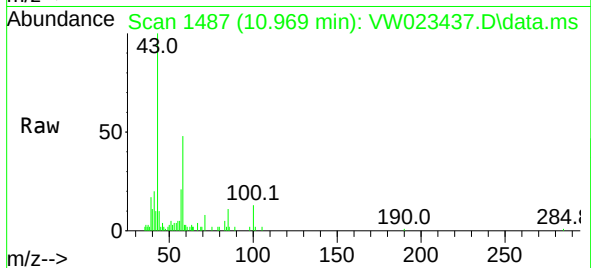
Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 6446

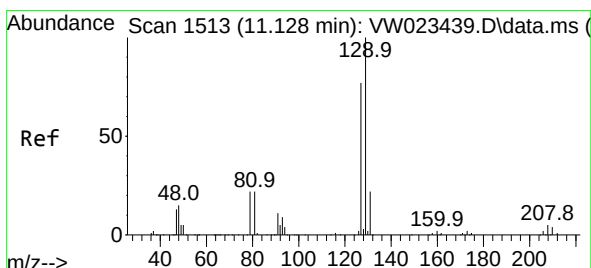
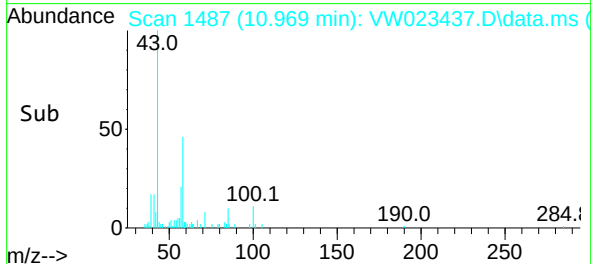
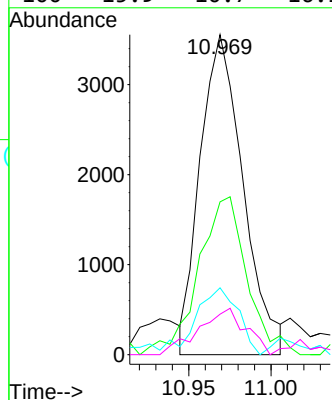
Ion Ratio Lower Upper

43 100

58 53.7 45.9 68.9

57 20.6 16.2 24.2

100 15.9 10.7 16.1



#49

Dibromochloromethane

Concen: 2.285 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023437.D

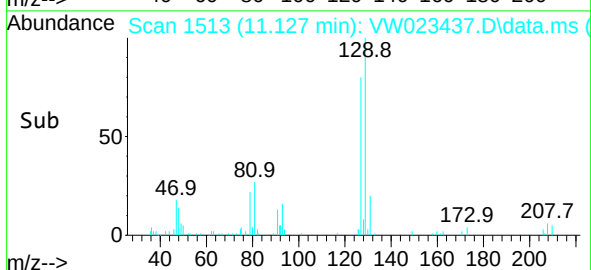
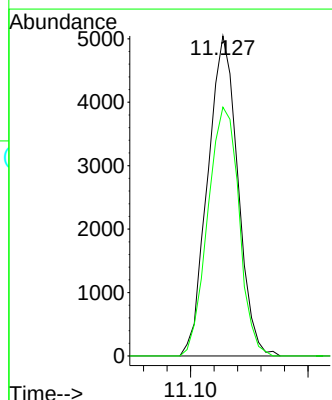
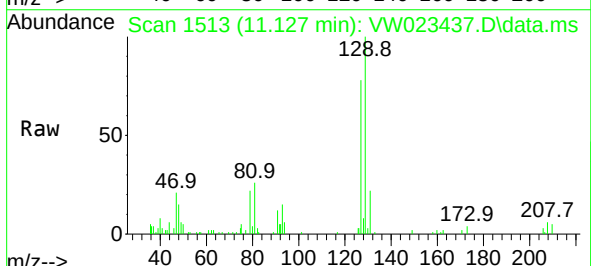
Acq: 10 Jun 2022 09:59

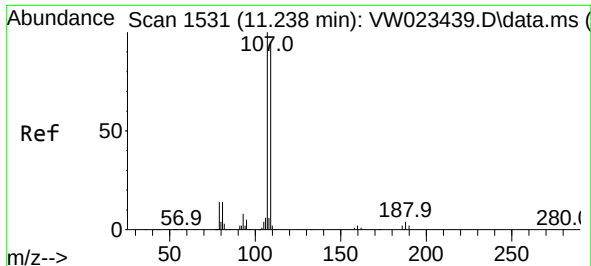
Tgt Ion: 129 Resp: 8997

Ion Ratio Lower Upper

129 100

127 77.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 2.384 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. -0.000 min

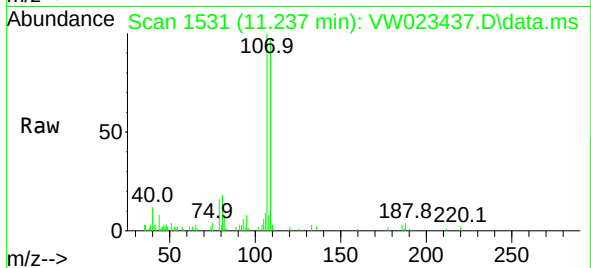
Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :



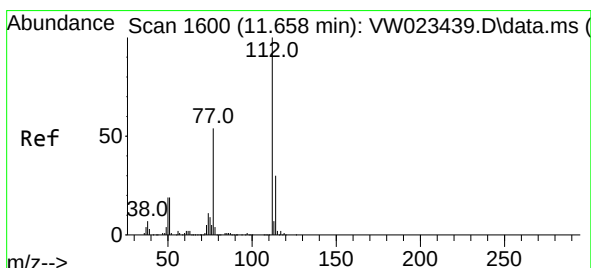
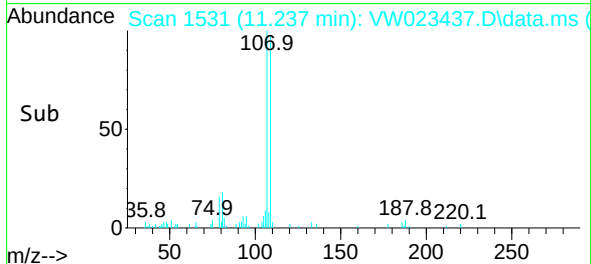
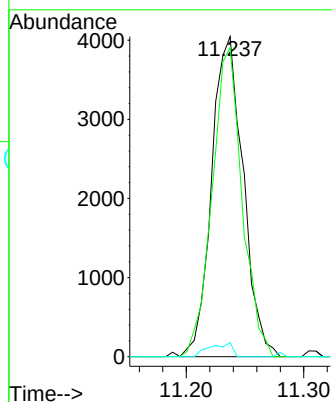
Tgt Ion:107 Resp: 7529

Ion Ratio Lower Upper

107 100

109 96.7 67.5 125.4

188 4.4 2.9 4.3#



#51

Chlorobenzene

Concen: 2.564 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

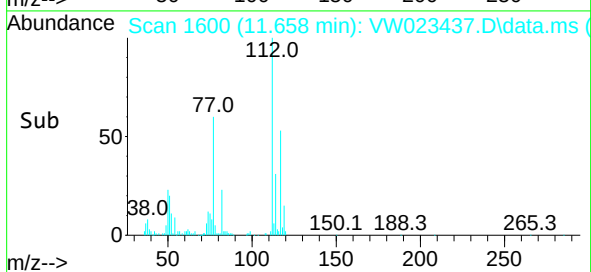
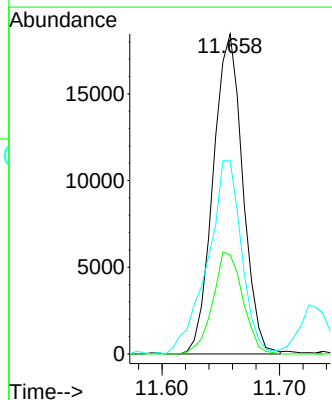
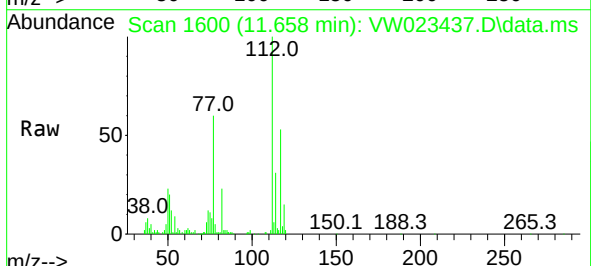
Tgt Ion:112 Resp: 32266

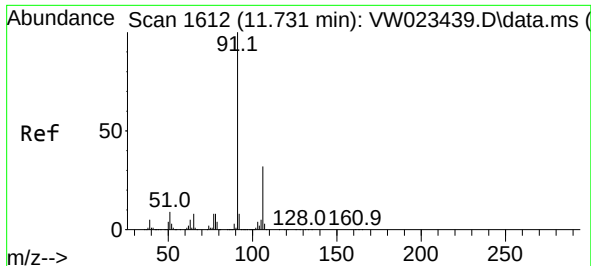
Ion Ratio Lower Upper

112 100

114 31.0 22.0 41.0

77 60.3 42.6 63.8

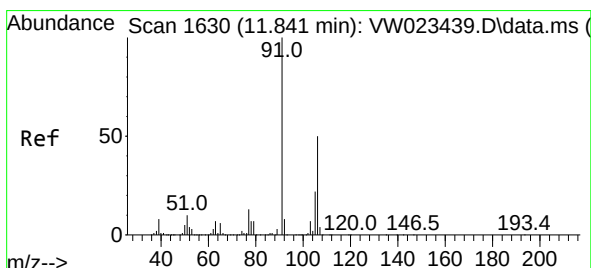
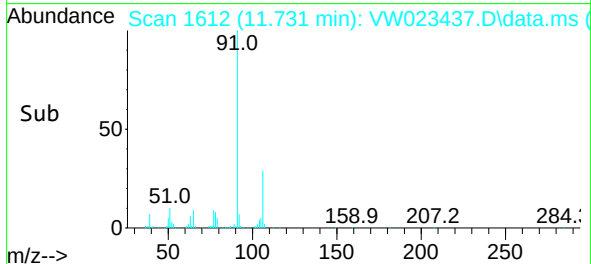
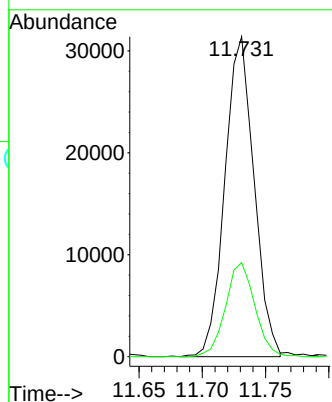
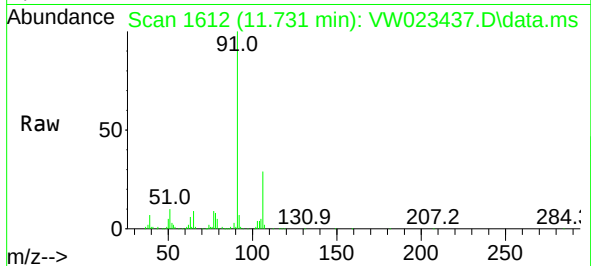




#52
Ethylbenzene
Concen: 2.374 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

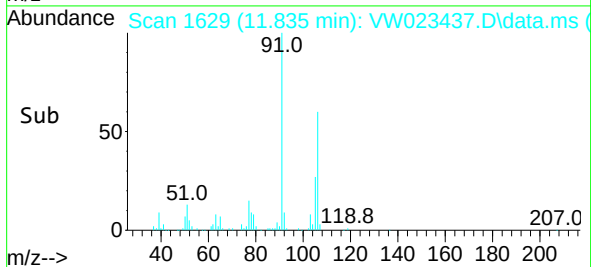
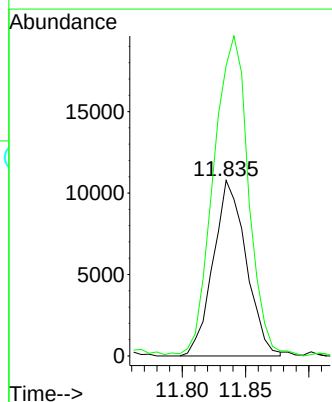
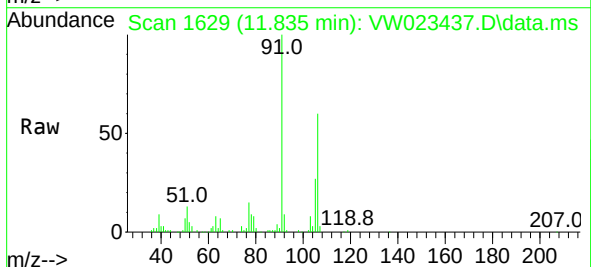
Instrument :
MSVOA_W
ClientSampleId :

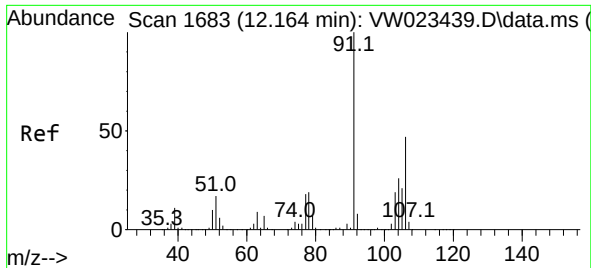
Tgt Ion: 91 Resp: 50313
Ion Ratio Lower Upper
91 100
106 29.4 22.3 41.3



#53
m,p-Xylene
Concen: 2.377 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion: 106 Resp: 19509
Ion Ratio Lower Upper
106 100
91 165.4 136.8 254.0

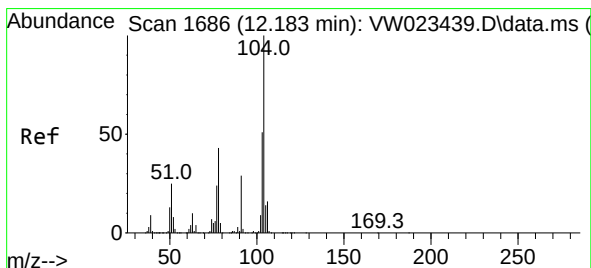
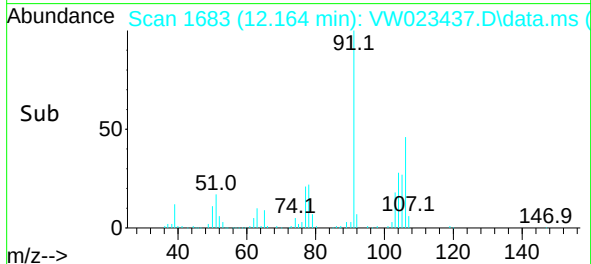
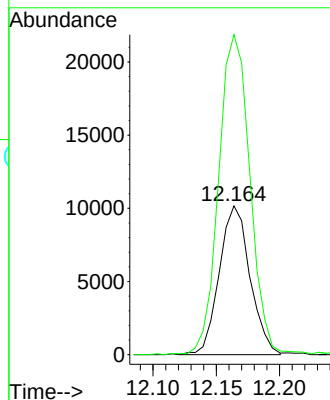
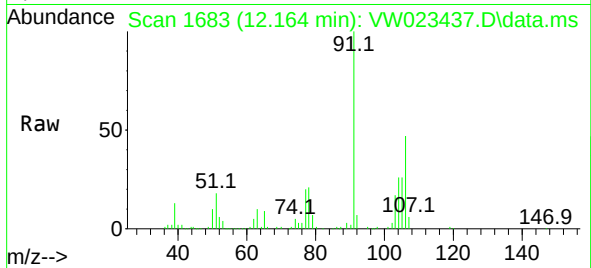




#54
o-Xylene
Concen: 2.172 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

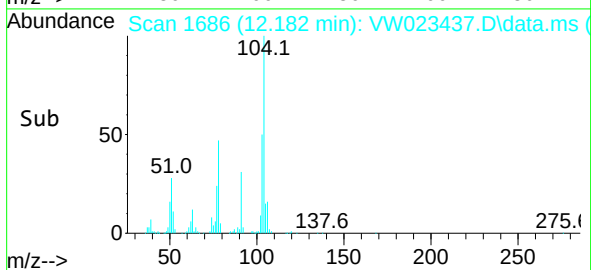
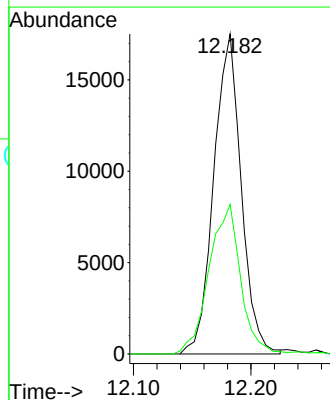
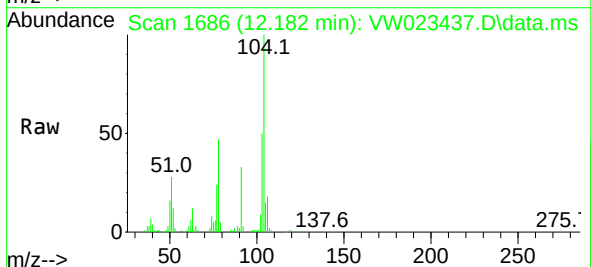
Instrument :
MSVOA_W
ClientSampleId :

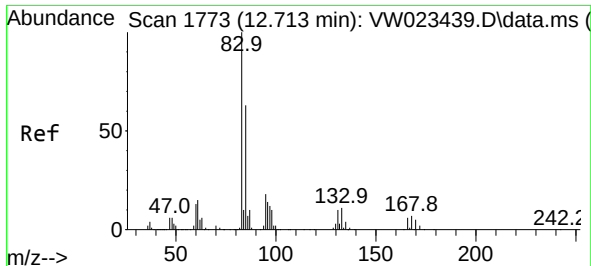
Tgt Ion:106 Resp: 17164
Ion Ratio Lower Upper
106 100
91 215.0 147.2 273.4



#55
Styrene
Concen: 2.081 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion:104 Resp: 28389
Ion Ratio Lower Upper
104 100
78 46.7 32.3 59.9

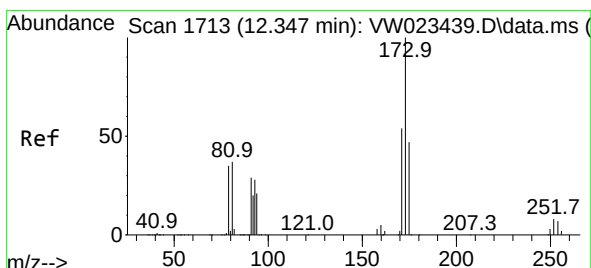
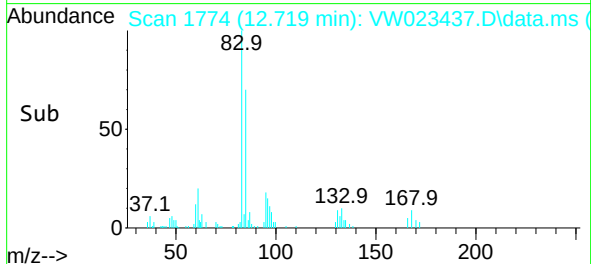
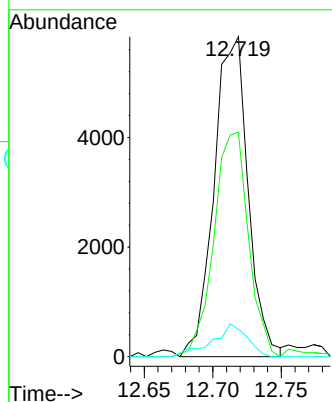
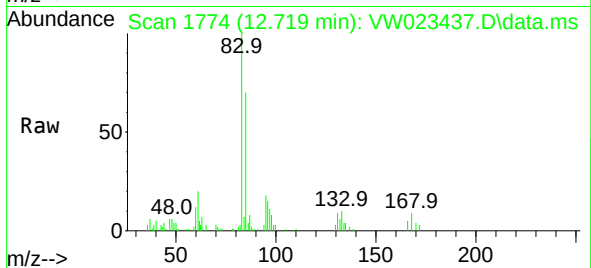




#57
1,1,2,2-Tetrachloroethane
Concen: 2.550 ug/L
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

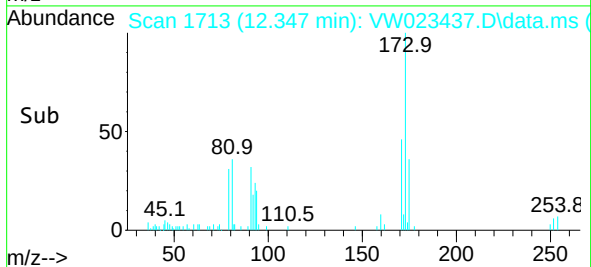
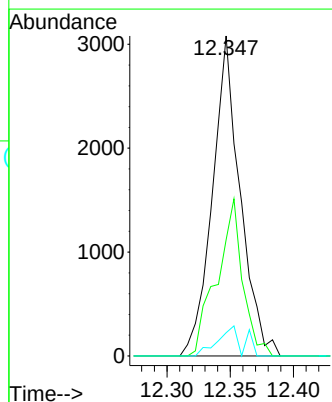
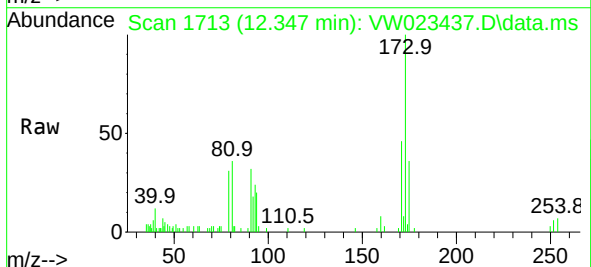
Instrument :
MSVOA_W
ClientSampleId :

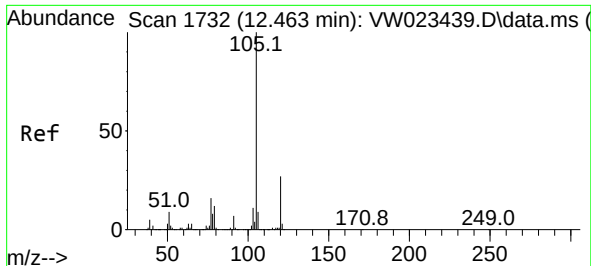
Tgt Ion: 83 Resp: 10083
Ion Ratio Lower Upper
83 100
85 70.1 47.5 88.1
131 8.6 8.7 13.1#



#59
Bromoform
Concen: 2.484 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion: 173 Resp: 4691
Ion Ratio Lower Upper
173 100
175 45.9 38.1 57.1
254 6.4 6.5 9.7#

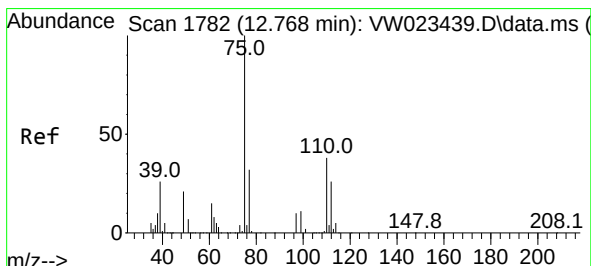
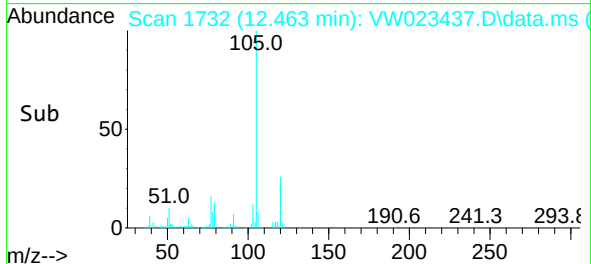
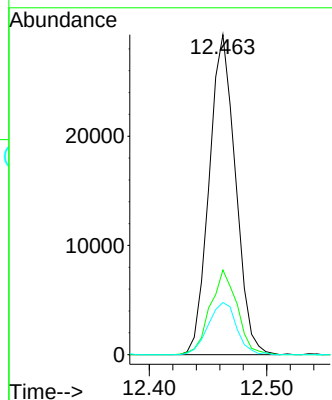
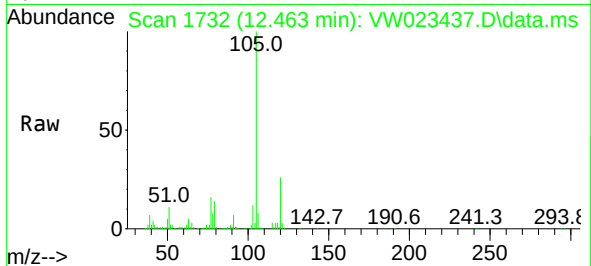




#60
Isopropylbenzene
Concen: 2.342 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

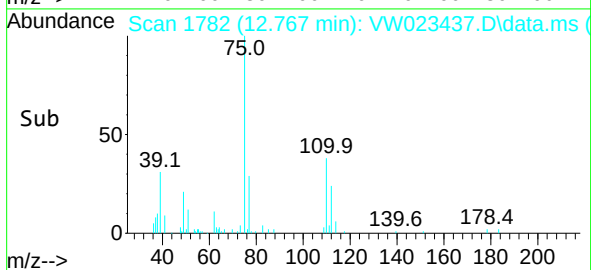
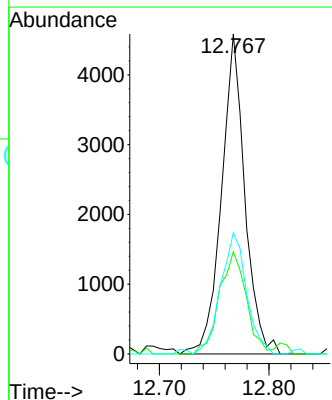
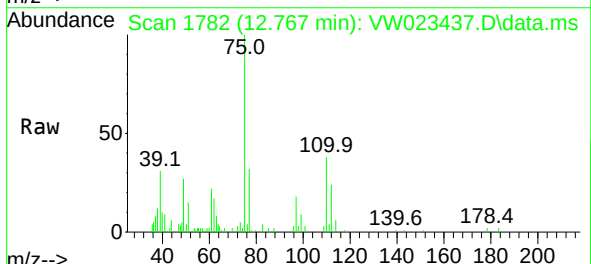
Instrument :
MSVOA_W
ClientSampleId :

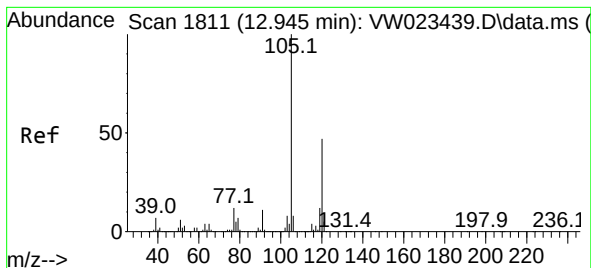
Tgt Ion:	105	Resp:	45684
Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.3	31.9
77	17.6	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 2.673 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion:	75	Resp:	6768
Ion	Ratio	Lower	Upper
75	100		
77	36.6	26.2	39.2
110	42.1	34.1	51.1

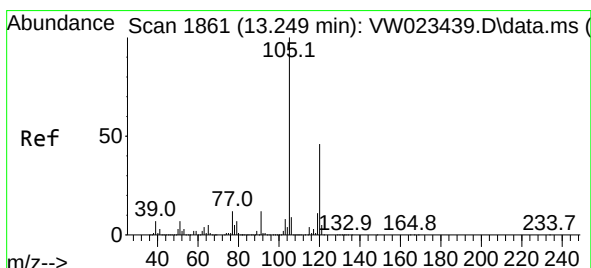
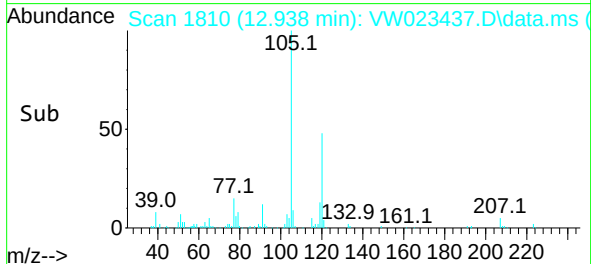
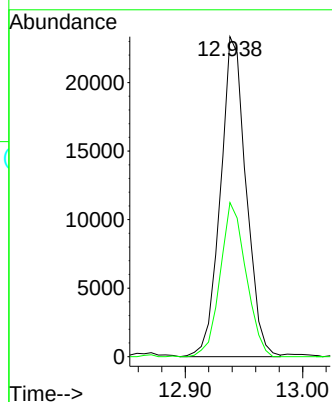
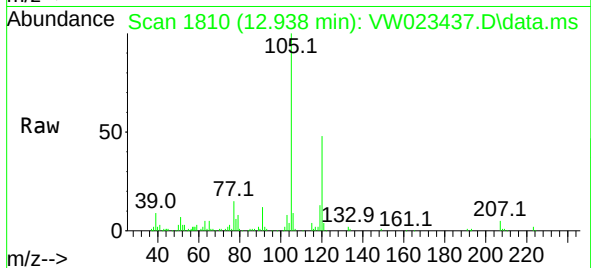




#62
 1,3,5-Trimethylbenzene
 Concen: 2.181 ug/L
 RT: 12.938 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: VW023437.D
 Acq: 10 Jun 2022 09:59

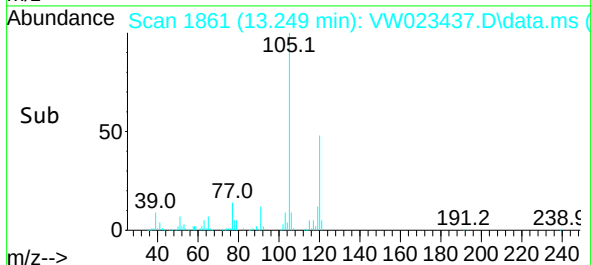
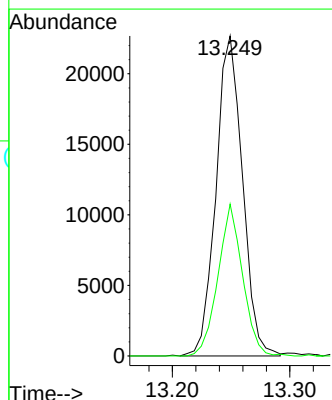
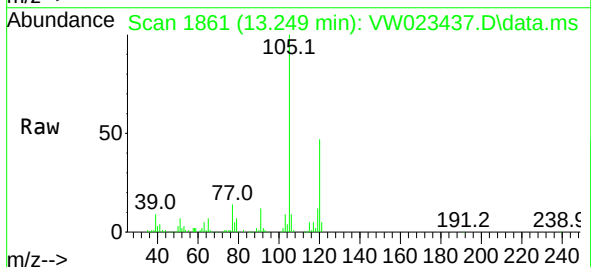
Instrument :
 MSVOA_W
 ClientSampleId :

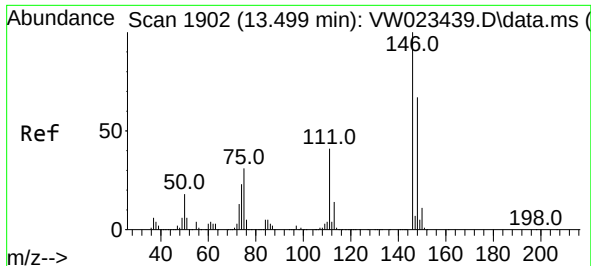
Tgt Ion:105 Resp: 35375
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 2.215 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023437.D
 Acq: 10 Jun 2022 09:59

Tgt Ion:105 Resp: 35518
 Ion Ratio Lower Upper
 105 100
 120 44.0 37.4 56.2

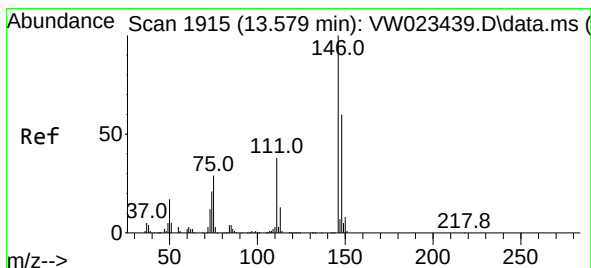
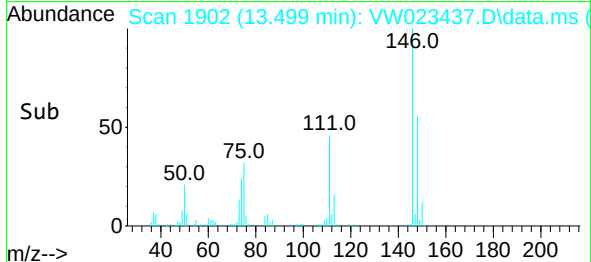
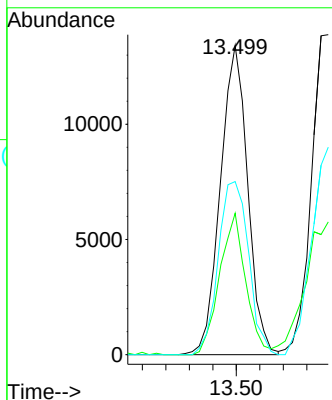
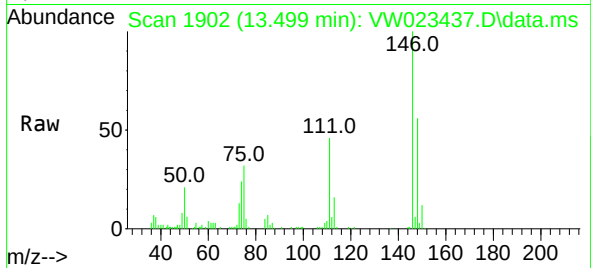




#64
1,3-Dichlorobenzene
Concen: 2.465 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

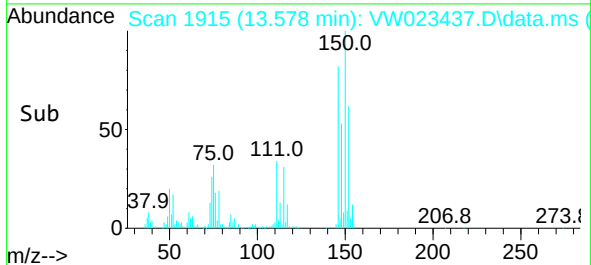
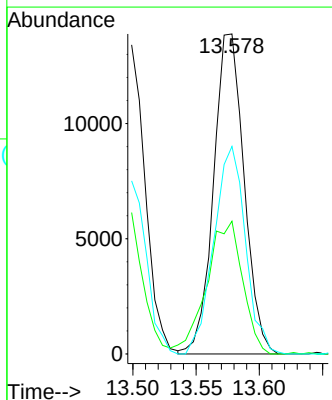
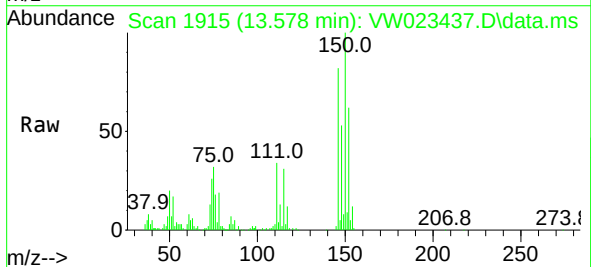
Instrument :
MSVOA_W
ClientSampleId :

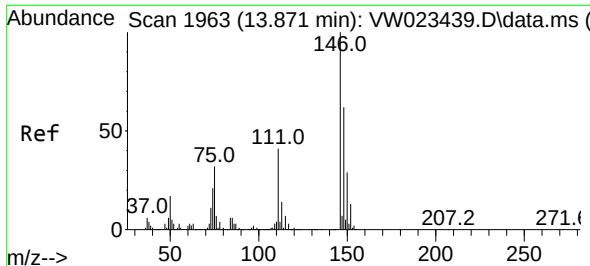
Tgt Ion:146 Resp: 21691
Ion Ratio Lower Upper
146 100
111 45.7 29.5 54.9
148 56.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 2.579 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023437.D
Acq: 10 Jun 2022 09:59

Tgt Ion:146 Resp: 23328
Ion Ratio Lower Upper
146 100
111 41.5 27.2 50.4
148 64.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 2.403 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW023437.D

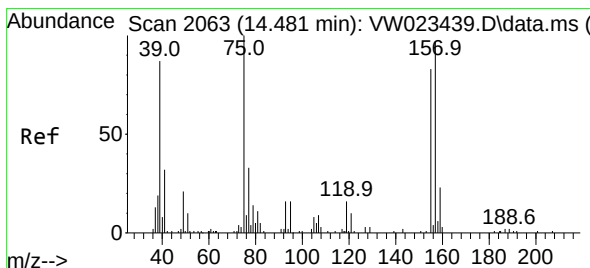
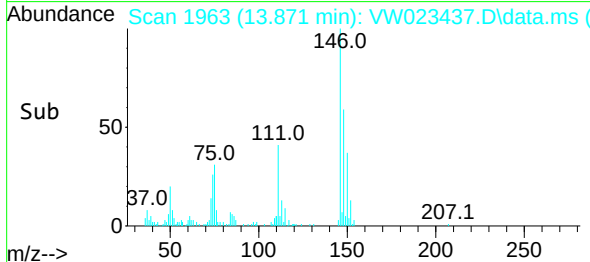
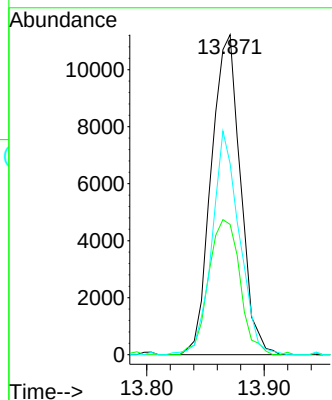
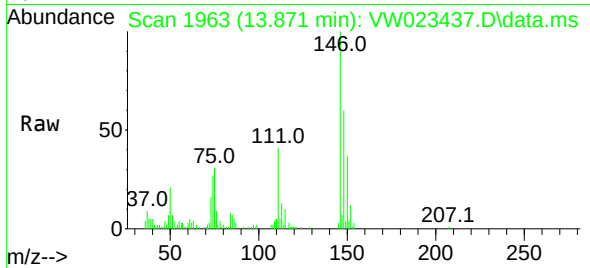
Acq: 10 Jun 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	19388
Ion	Ratio	Lower	Upper
146	100		
111	40.7	35.7	53.5
148	59.7	52.6	79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.797 ug/L

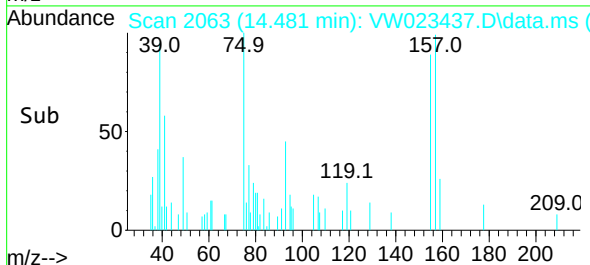
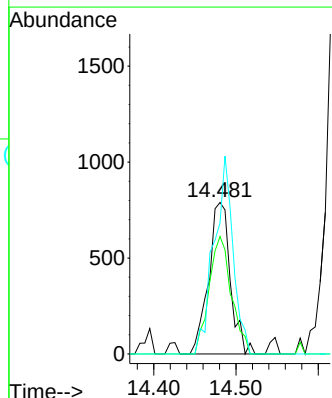
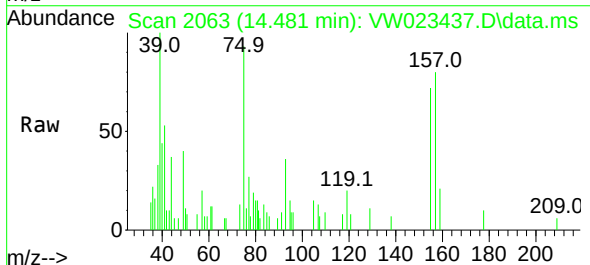
RT: 14.481 min Scan# 2063

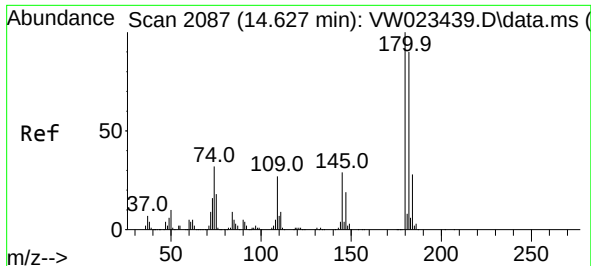
Delta R.T. -0.000 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Tgt Ion:	75	Resp:	1502
Ion	Ratio	Lower	Upper
75	100		
155	77.5	59.3	88.9
157	86.5	89.8	134.8#





#69

1,3,5-Trichlorobenzene

Concen: 2.414 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 14121

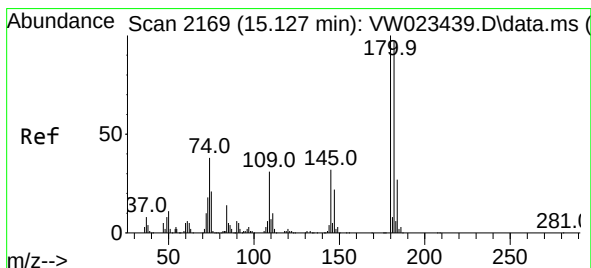
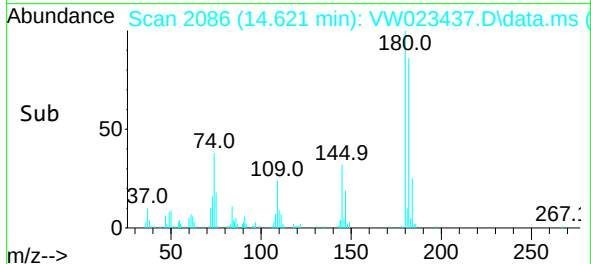
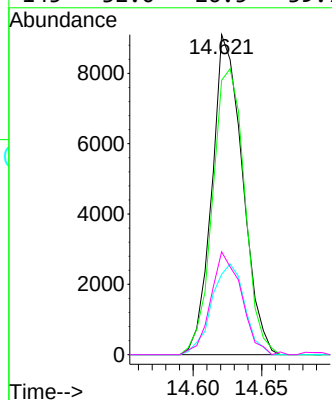
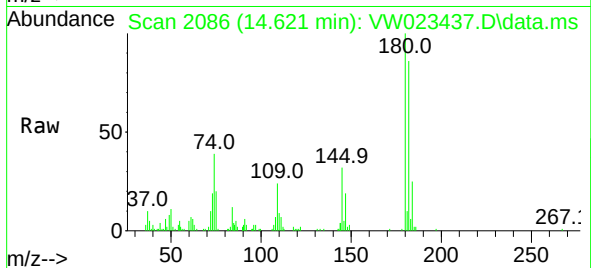
Ion Ratio Lower Upper

180 100

182 93.5 74.8 112.2

184 30.4 23.4 35.2

145 32.0 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 2.240 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

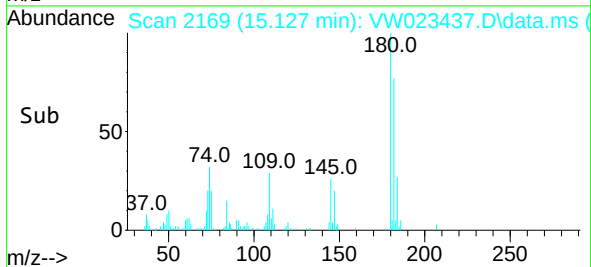
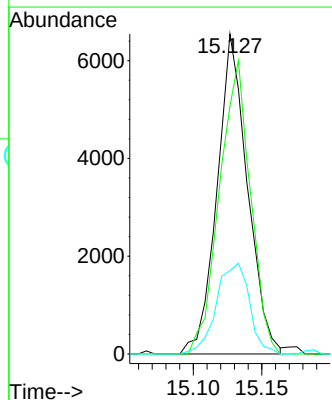
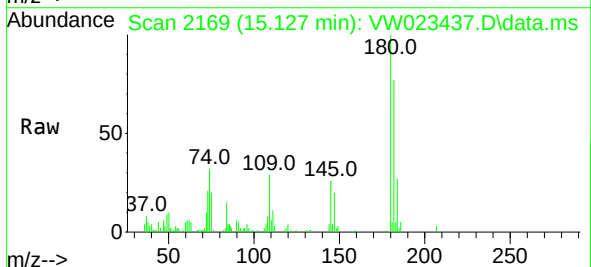
Tgt Ion:180 Resp: 10084

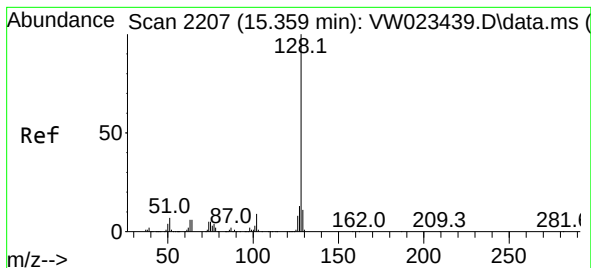
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 30.9 26.6 39.8





#71

Naphthalene

Concen: 1.962 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

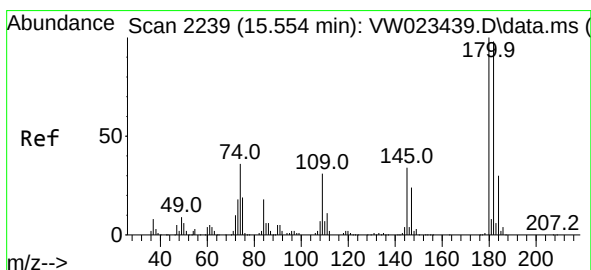
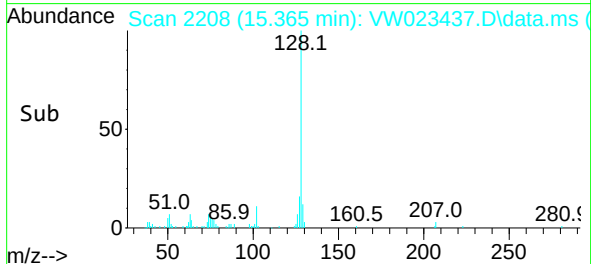
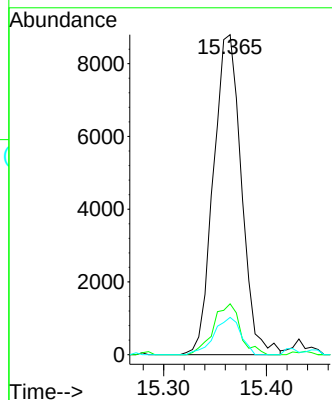
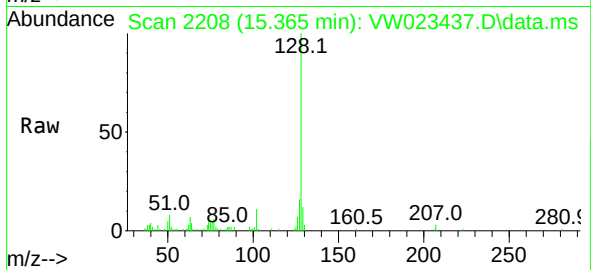
Tgt Ion:128 Resp: 16619

Ion Ratio Lower Upper

128 100

127 15.3 10.6 16.0

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.183 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023437.D

Acq: 10 Jun 2022 09:59

Tgt Ion:180 Resp: 8604

Ion Ratio Lower Upper

180 100

182 96.9 73.5 110.3

145 38.5 27.9 41.9

