

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023539.D
 Acq On : 30 Jun 2022 10:52
 Operator : SY/VA
 Sample : VSTD05036
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 01 05:30:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:29:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	380736	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	376809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210680	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	315562	58.029	ug/L	0.00
7) Chloroethane-d5	2.879	69	209782	56.052	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	358382	53.185	ug/L	0.01
21) 2-Butanone-d5	7.074	46	140508	99.380	ug/L	0.00
24) Chloroform-d	7.647	84	518147	49.853	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	284750	49.612	ug/L	0.00
32) Benzene-d6	8.275	84	1007140	49.436	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	291278	48.358	ug/L	0.00
41) Toluene-d8	10.323	98	1018791	51.417	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	139458	52.264	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	125656	109.978	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	290680	50.263	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	387484	50.429	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	90089	57.302	ug/L	94
3) Chloromethane	2.215	50	244556	53.699	ug/L	99
5) Vinyl chloride	2.361	62	357311	58.255	ug/L	96
6) Bromomethane	2.769	94	216171	53.433	ug/L	98
8) Chloroethane	2.916	64	159713	55.685	ug/L	92
9) Trichlorofluoromethane	3.245	101	146678	51.622	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	234699	51.028	ug/L	98
12) 1,1-Dichloroethene	4.037	96	209769	54.709	ug/L	92
13) Acetone	4.123	43	83487	92.737	ug/L	99
14) Carbon disulfide	4.385	76	614850	59.577	ug/L	98
15) Methyl Acetate	4.672	43	109909	49.673	ug/L	100
16) Methylene chloride	4.915	84	232855	42.874	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	253505	52.500	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	380488	53.731	ug/L	100
19) 1,1-Dichloroethane	6.214	63	432181	50.749	ug/L	99
22) 2-Butanone	7.171	43	150026	97.676	ug/L	100
23) Bromochloromethane	7.512	128	132214	50.763	ug/L	97
25) Chloroform	7.677	83	475301	49.999	ug/L	100
27) 1,2-Dichloroethane	8.396	62	323329	51.419	ug/L	97
29) Cyclohexane	7.951	56	383344	53.835	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	394449	48.265	ug/L	99
31) Carbon tetrachloride	8.067	117	354979	48.048	ug/L	97
33) Benzene	8.323	78	1042543	49.179	ug/L	100
34) Trichloroethene	9.091	95	278244	48.989	ug/L	96
35) Methylcyclohexane	9.335	83	478036	53.489	ug/L	98
37) 1,2-Dichloropropane	9.366	63	252820	49.305	ug/L	99
38) Bromodichloromethane	9.646	83	364074	49.593	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	420841	53.002	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	353592	105.216	ug/L	99
42) Toluene	10.384	91	1210157	51.611	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	388441	52.930	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	222498	51.032	ug/L	99

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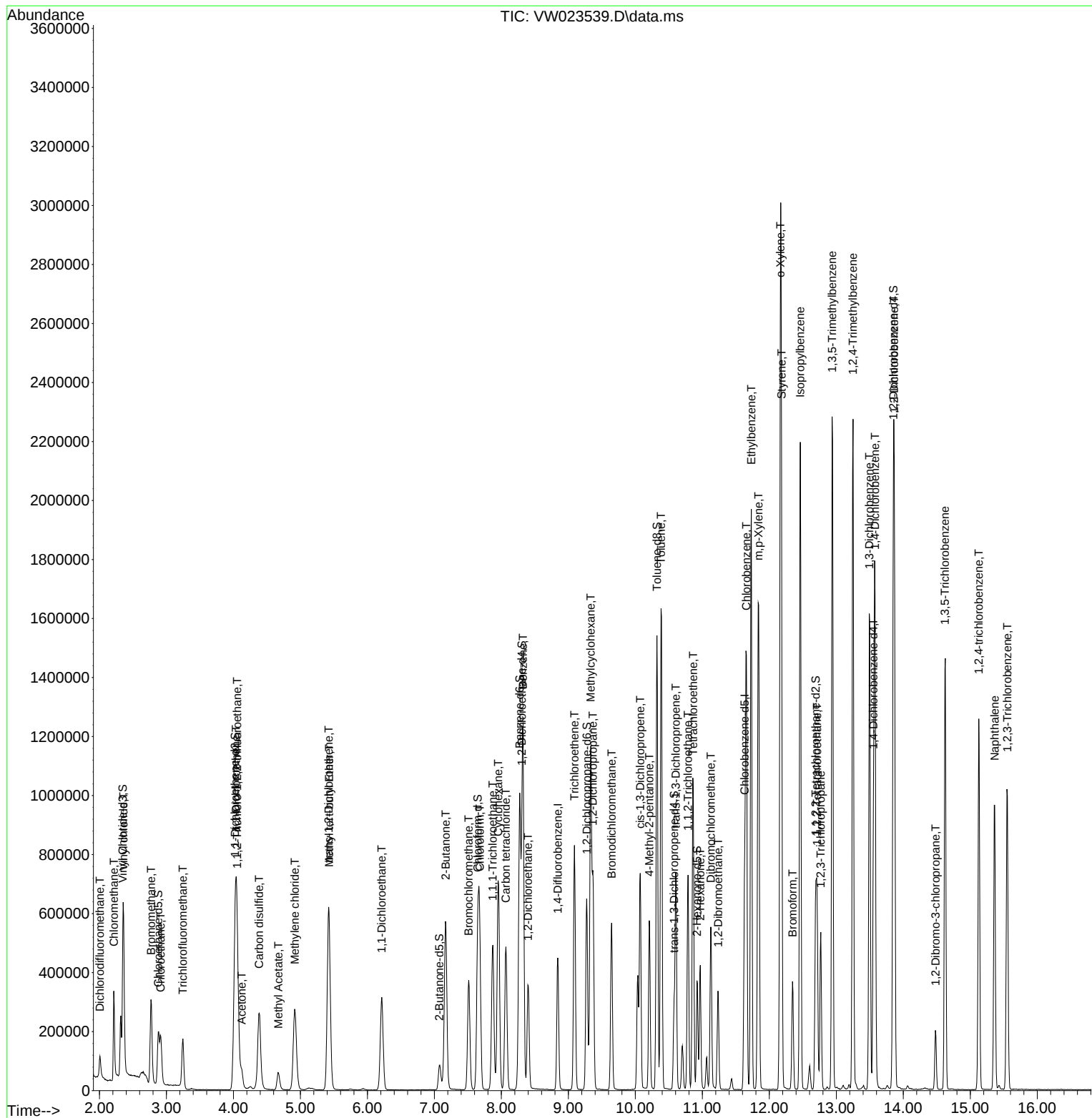
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.866	164	227872	49.885	ug/L	90
48) 2-Hexanone	10.969	43	251672	109.032	ug/L	98
49) Dibromochloromethane	11.128	129	281563	52.851	ug/L	95
50) 1,2-Dibromoethane	11.237	107	220578	50.773	ug/L	95
51) Chlorobenzene	11.658	112	807702	50.341	ug/L	97
52) Ethylbenzene	11.731	91	1355663	51.836	ug/L	98
53) m,p-Xylene	11.841	106	546875	53.185	ug/L	96
54) o-Xylene	12.164	106	532505	54.829	ug/L	97
55) Styrene	12.182	104	926881	54.606	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	288397	51.432	ug/L	99
59) Bromoform	12.347	173	159734	51.101	ug/L	99
60) Isopropylbenzene	12.463	105	1410177	50.739	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	203618	47.980	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1222815	52.957	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1222627	52.762	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	656216	49.126	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	647375	47.787	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	614571	50.770	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	46848	48.271	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	430711	48.294	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	370660	51.501	ug/L	98
71) Naphthalene	15.365	128	827381	55.408	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	333096	50.708	ug/L	97

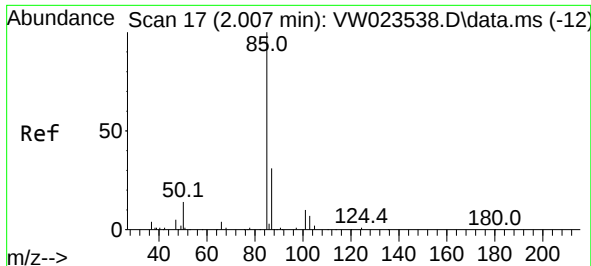
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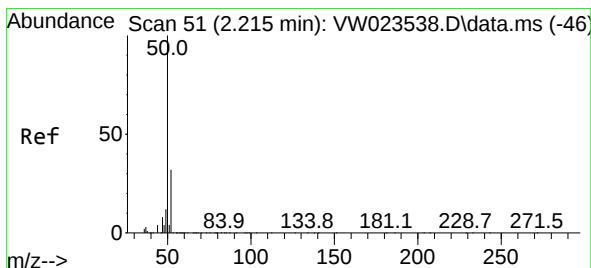
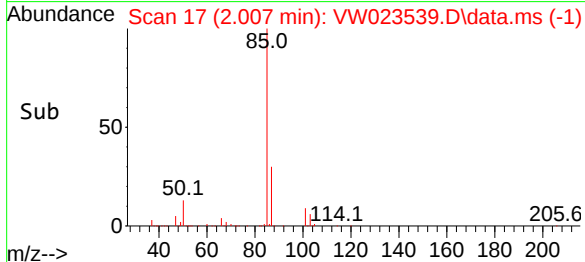
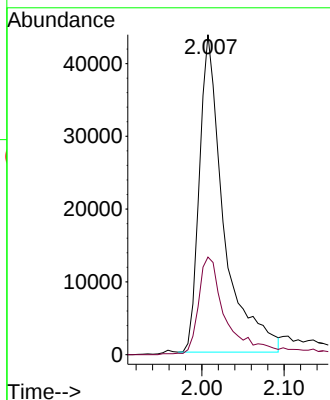
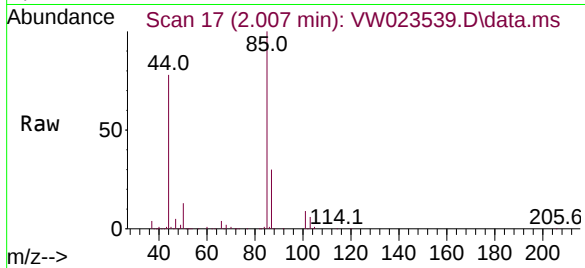




#2
 Dichlorodifluoromethane
 Concen: 57.302 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023539.D
 Acq: 30 Jun 2022 10:52

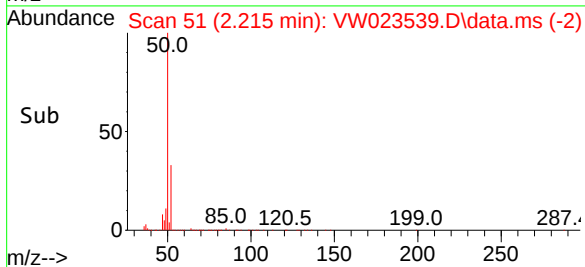
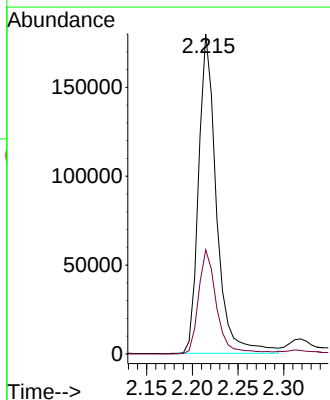
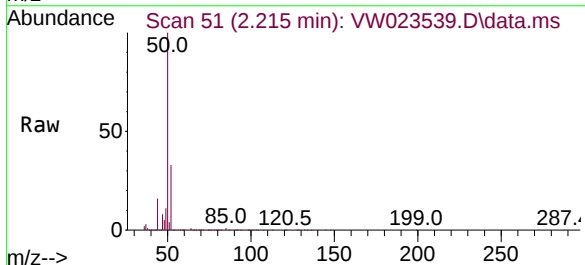
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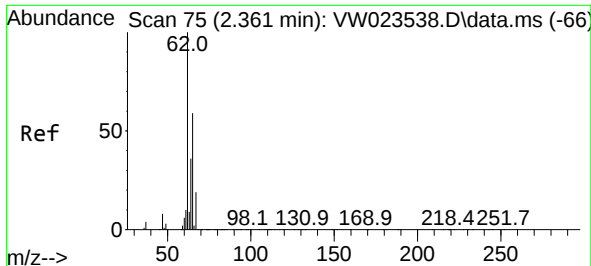
Tgt Ion: 85 Resp: 90089
 Ion Ratio Lower Upper
 85 100
 87 29.3 26.0 39.0



#3
 Chloromethane
 Concen: 53.699 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023539.D
 Acq: 30 Jun 2022 10:52

Tgt Ion: 50 Resp: 244556
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9

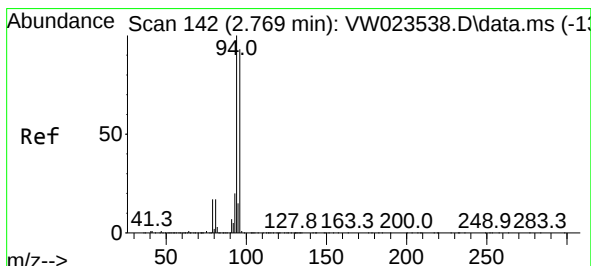
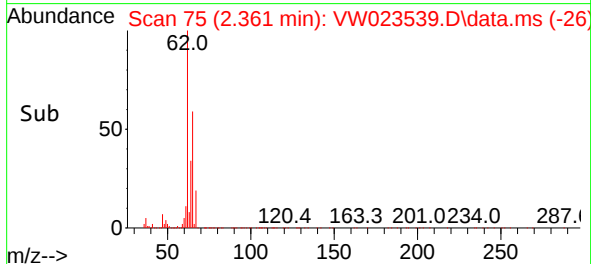
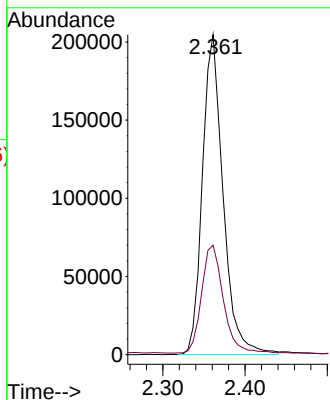
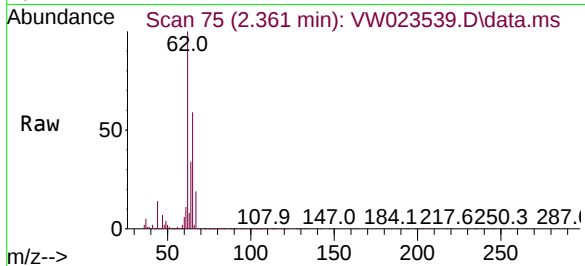




#5
 Vinyl chloride
 Concen: 58.255 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023539.D
 Acq: 30 Jun 2022 10:52

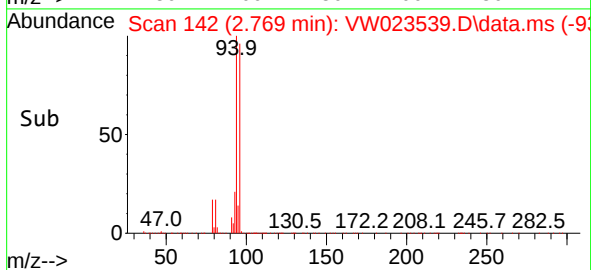
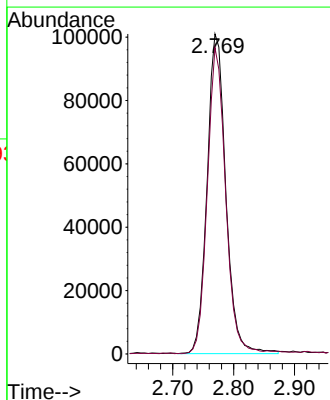
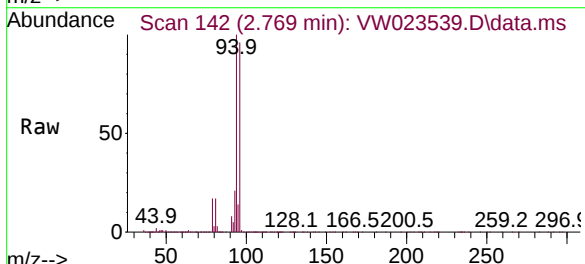
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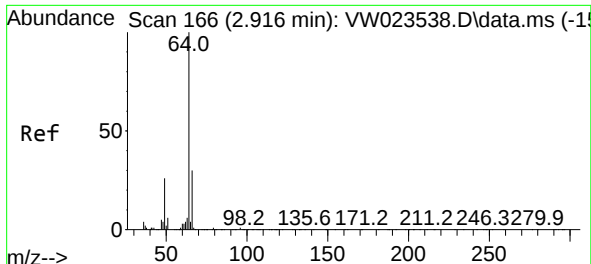
Tgt Ion: 62 Resp: 357311
 Ion Ratio Lower Upper
 62 100
 64 34.2 25.8 47.8



#6
 Bromomethane
 Concen: 53.433 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023539.D
 Acq: 30 Jun 2022 10:52

Tgt Ion: 94 Resp: 216171
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.6 121.8

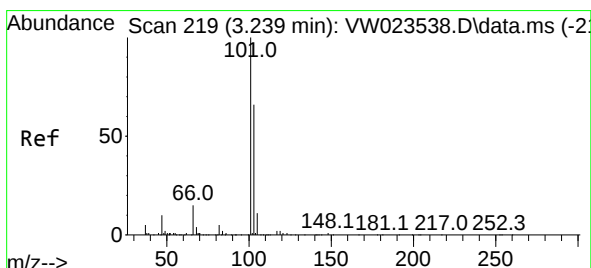
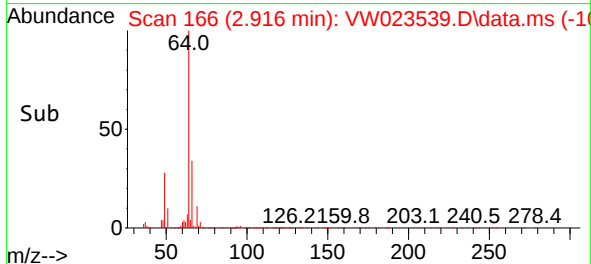
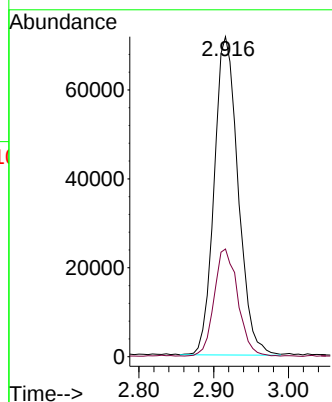
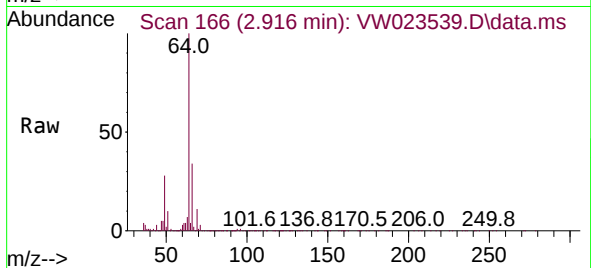




#8
Chloroethane
Concen: 55.685 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023539.D
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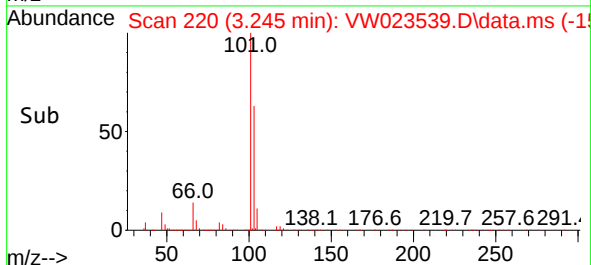
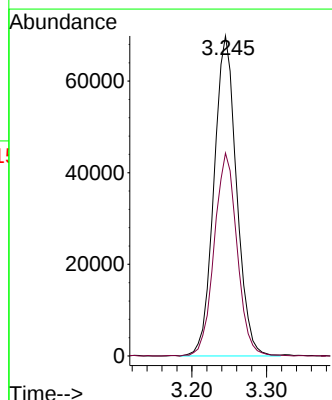
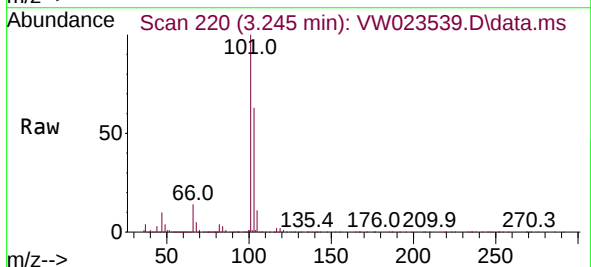
Instrument :
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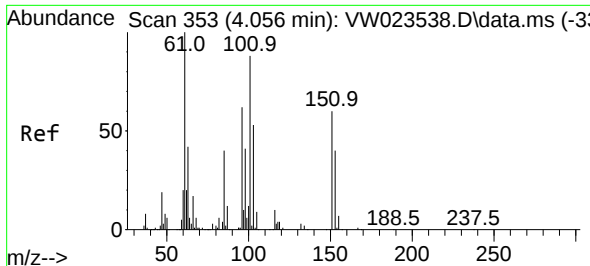
Tgt Ion: 64 Resp: 159713
Ion Ratio Lower Upper
64 100
66 33.7 20.6 38.2



#9
Trichlorofluoromethane
Concen: 51.622 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion: 101 Resp: 146678
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8

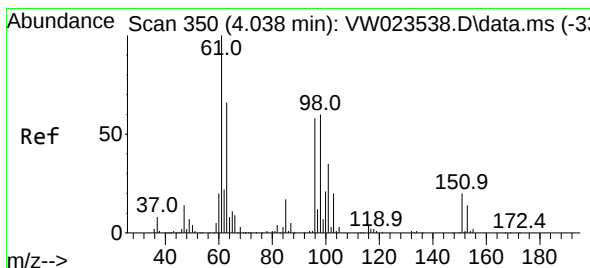
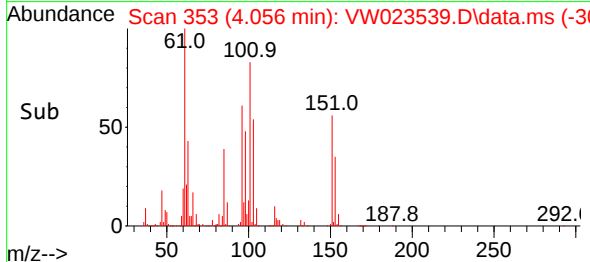
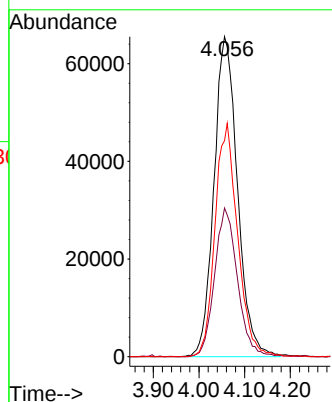
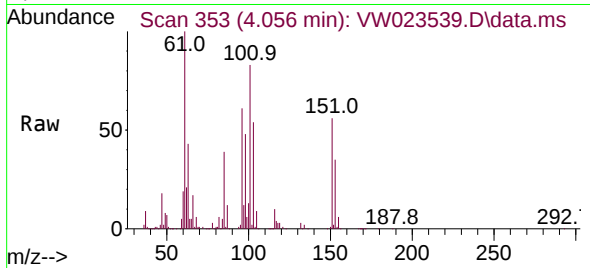




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.028 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023539.D
 Acq: 30 Jun 2022 10:52

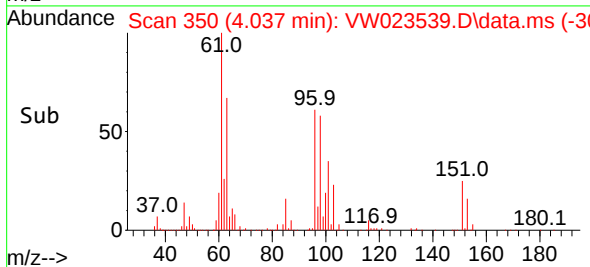
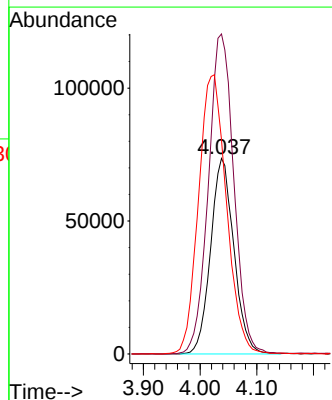
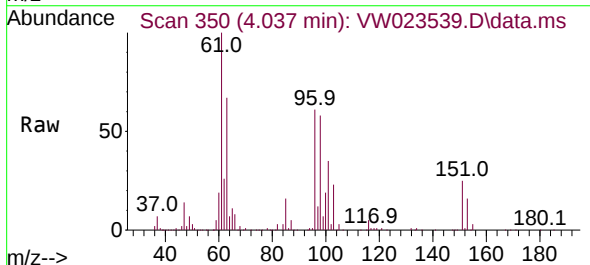
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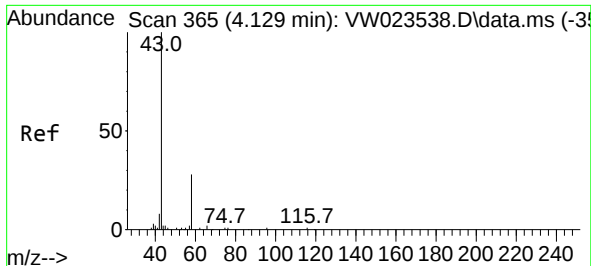
Tgt Ion:101 Resp: 234699
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.0 55.4
 151 69.9 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 54.709 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023539.D
 Acq: 30 Jun 2022 10:52

Tgt Ion: 96 Resp: 209769
 Ion Ratio Lower Upper
 96 100
 61 163.7 122.0 226.6
 63 109.7 83.0 154.2





#13

Acetone

Concen: 92.737 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

Instrument :

MSVOA_W

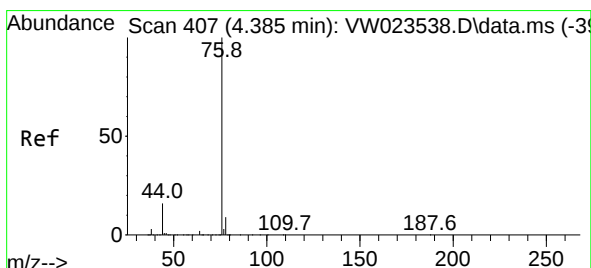
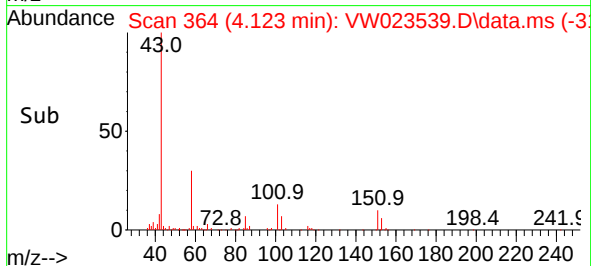
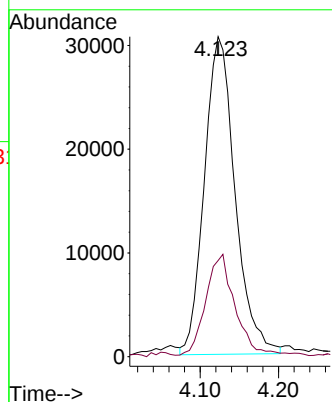
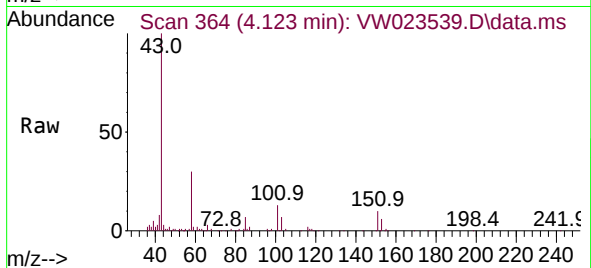
ClientSampleId :

Tgt Ion: 43 Resp: 83487

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.2



#14

Carbon disulfide

Concen: 59.577 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023539.D

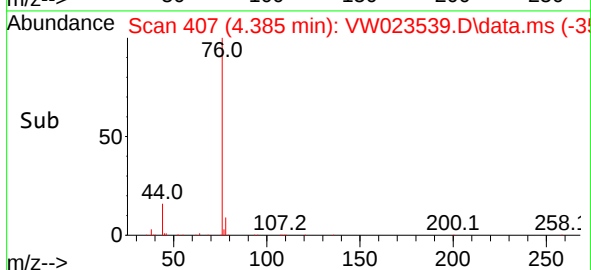
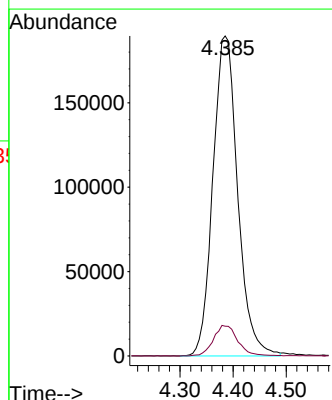
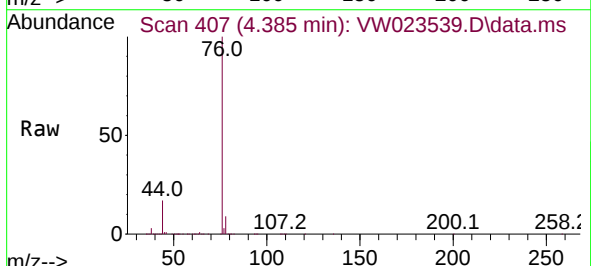
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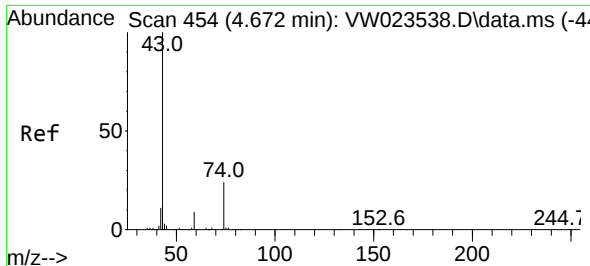
Tgt Ion: 76 Resp: 614850

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

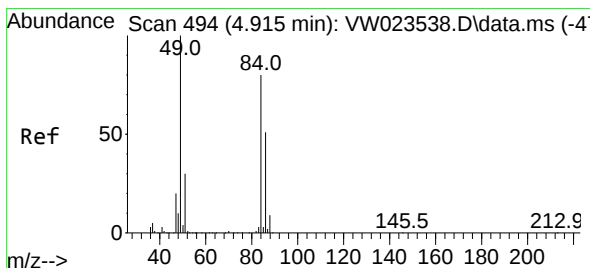
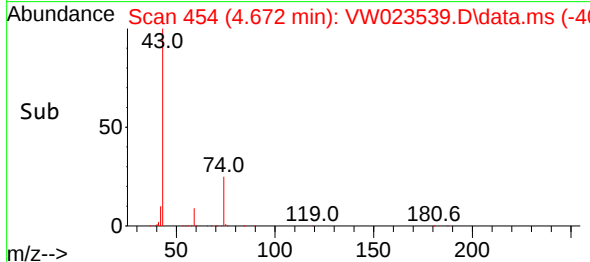
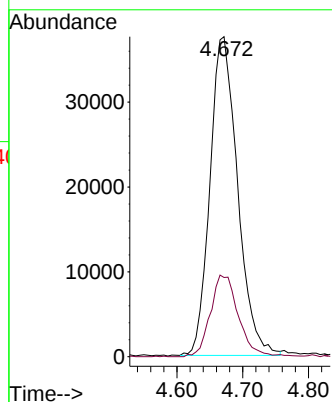
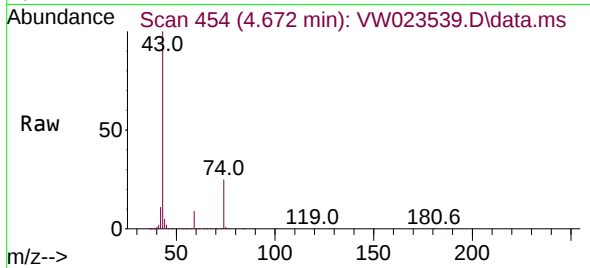




#15
Methyl Acetate
Concen: 49.673 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
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Acq: 30 Jun 2022 10:52

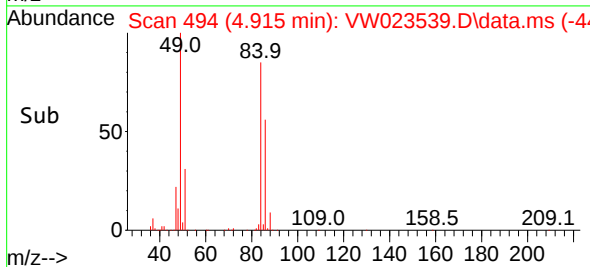
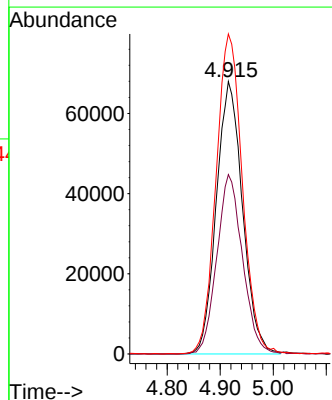
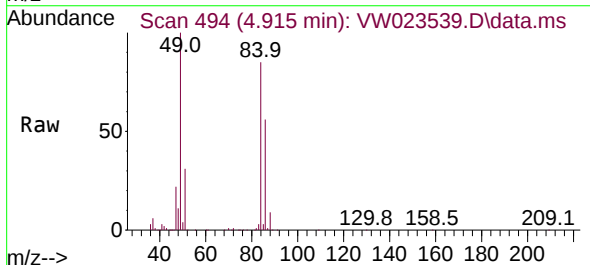
Instrument :
MSVOA_W
ClientSampleId :

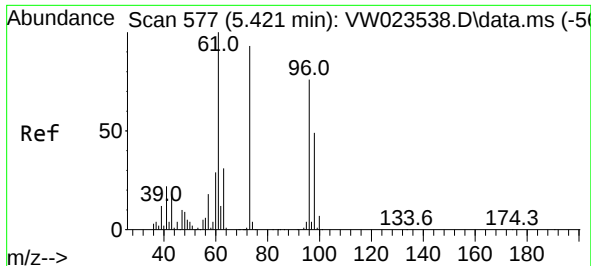
Tgt Ion: 43 Resp: 109909
Ion Ratio Lower Upper
43 100
74 25.6 20.4 30.6



#16
Methylene chloride
Concen: 42.874 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

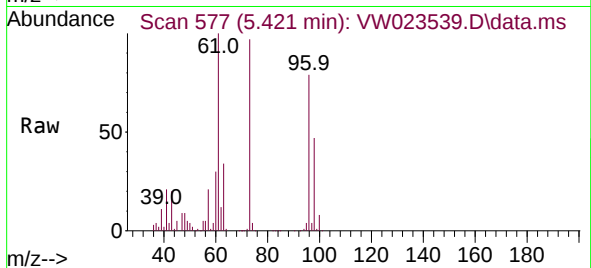
Tgt Ion: 84 Resp: 232855
Ion Ratio Lower Upper
84 100
86 65.8 44.9 83.3
49 117.4 87.6 162.6





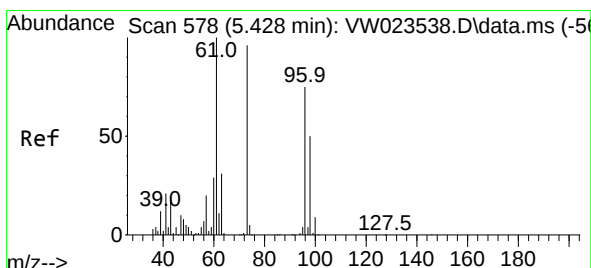
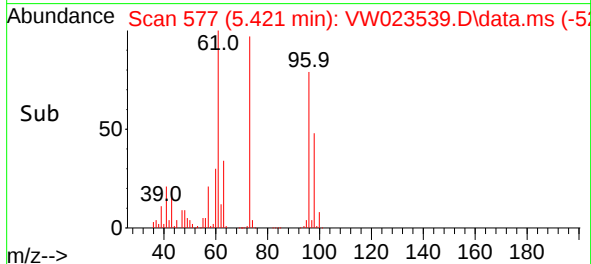
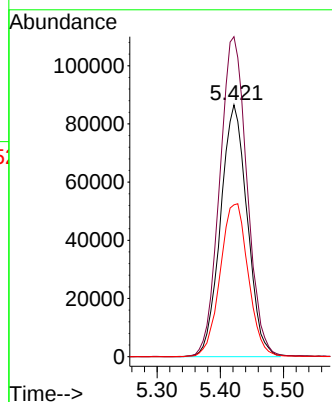
#17
trans-1,2-Dichloroethene
Concen: 52.500 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 253505

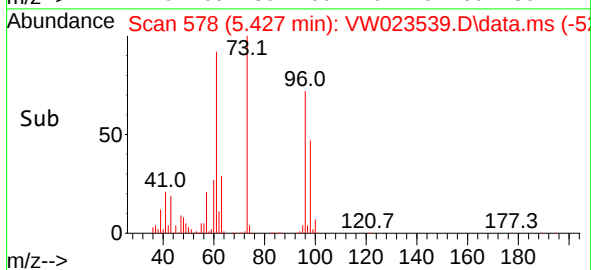
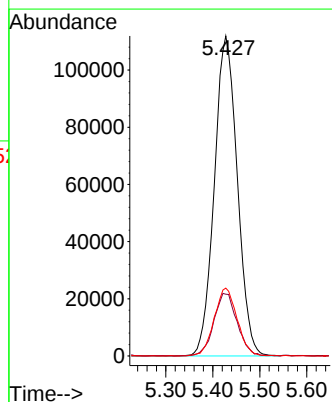
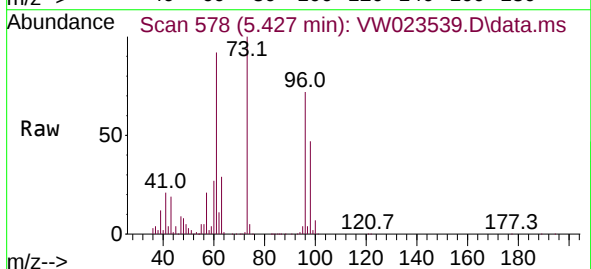
Ion	Ratio	Lower	Upper
96	100		
61	127.0	92.3	171.5
98	60.3	45.5	84.5

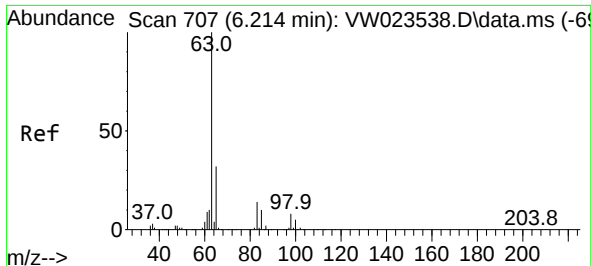


#18
Methyl tert-butyl Ether
Concen: 53.731 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion: 73 Resp: 380488

Ion	Ratio	Lower	Upper
73	100		
43	19.9	16.2	24.2
57	21.1	16.9	25.3





#19

1,1-Dichloroethane

Concen: 50.749 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

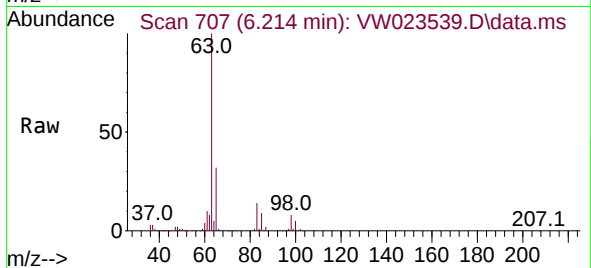
Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :



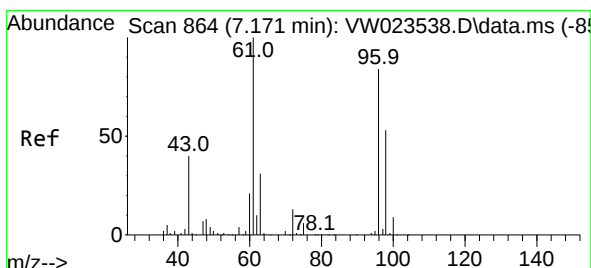
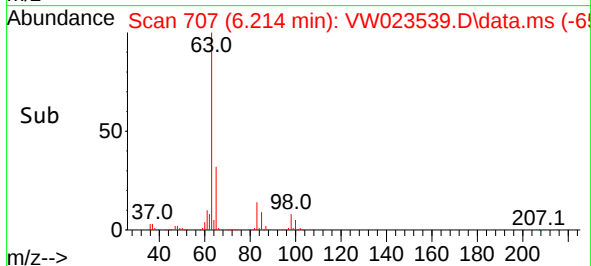
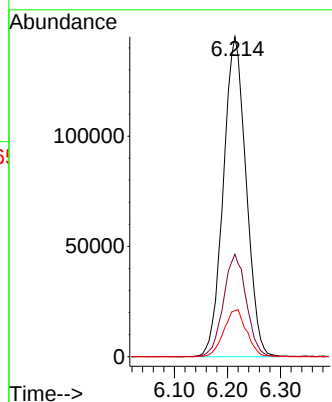
Tgt Ion: 63 Resp: 432181

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.3

83 14.4 9.8 18.2



#22

2-Butanone

Concen: 97.676 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023539.D

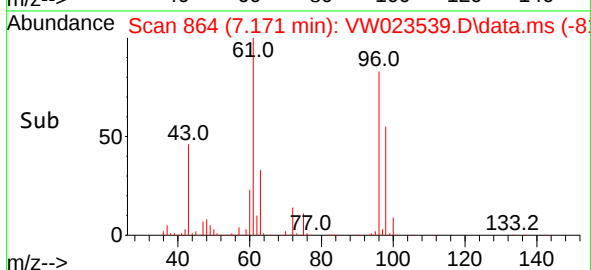
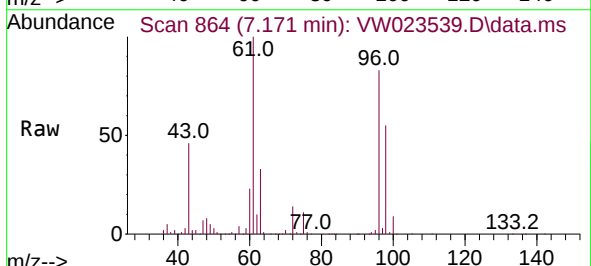
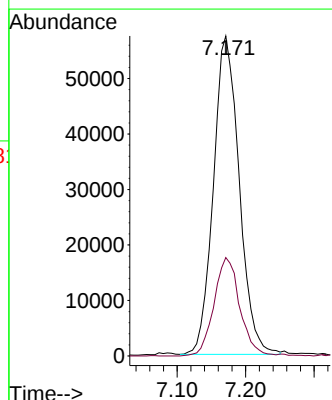
Acq: 30 Jun 2022 10:52

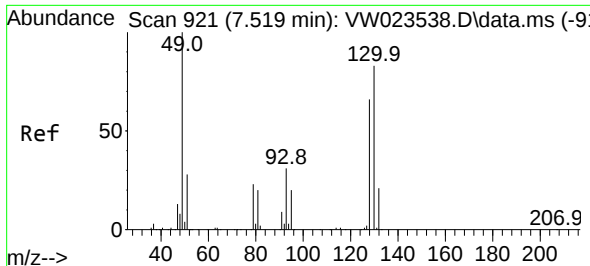
Tgt Ion: 43 Resp: 150026

Ion Ratio Lower Upper

43 100

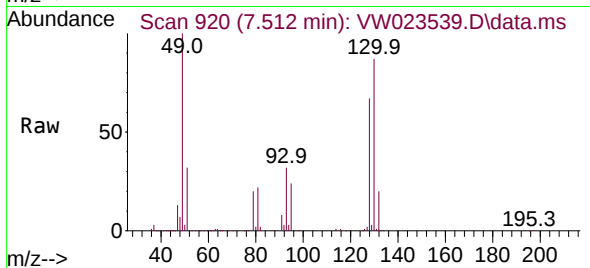
72 30.8 15.4 46.1



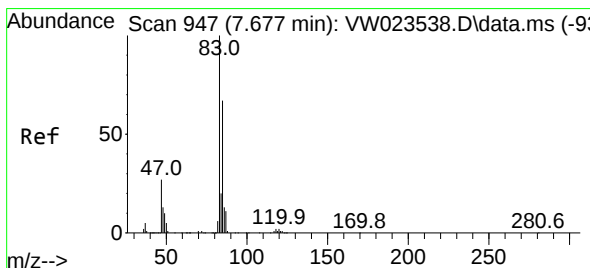
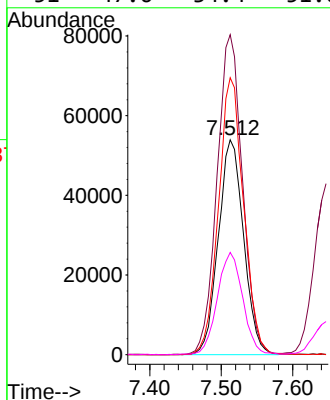
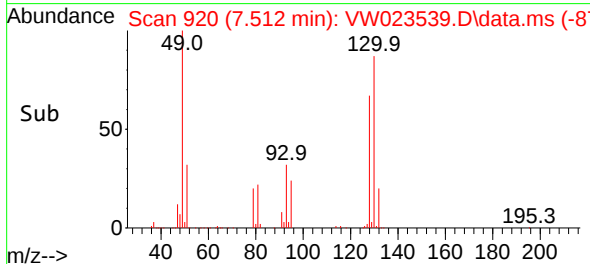


#23
Bromochloromethane
Concen: 50.763 ug/L
RT: 7.512 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Instrument :
MSVOA_W
ClientSampleId :

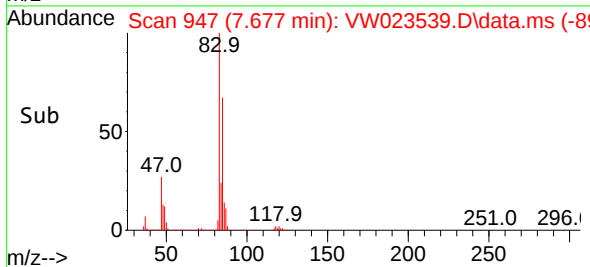
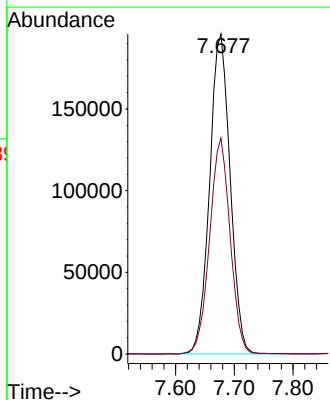
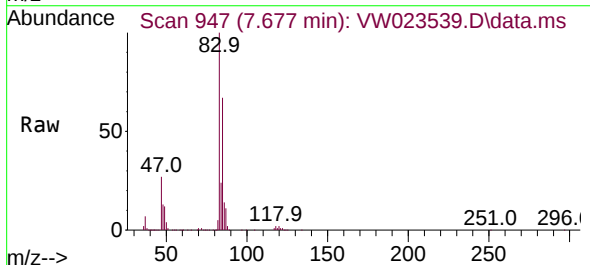


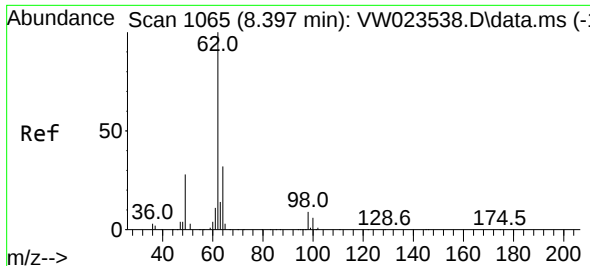
Tgt Ion:128 Resp: 132214
Ion Ratio Lower Upper
128 100
49 148.9 105.8 196.6
130 128.9 87.6 162.8
51 47.6 34.4 51.6



#25
Chloroform
Concen: 49.999 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion: 83 Resp: 475301
Ion Ratio Lower Upper
83 100
85 67.4 47.0 87.4





#27

1,2-Dichloroethane

Concen: 51.419 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

Instrument :

MSVOA_W

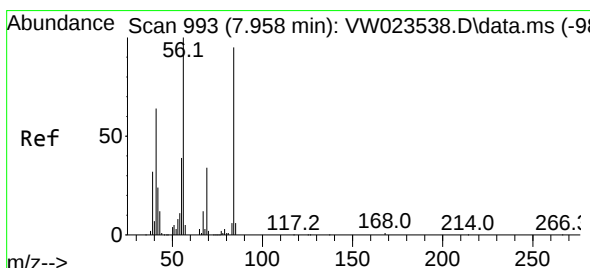
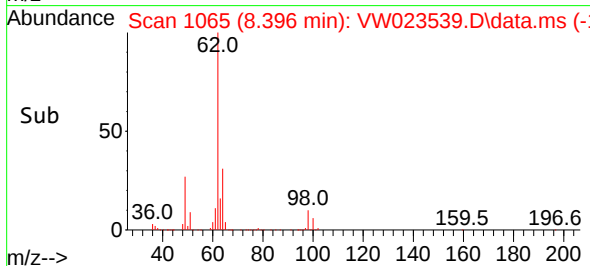
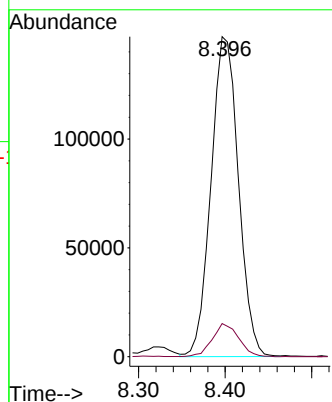
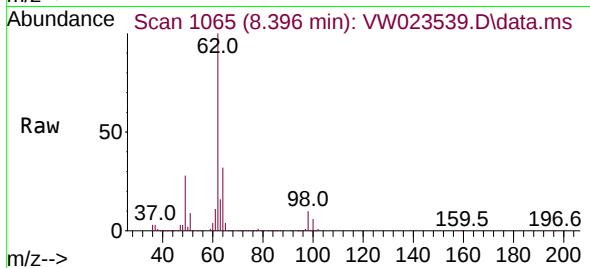
ClientSampleId :

Tgt Ion: 62 Resp: 323329

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.0



#29

Cyclohexane

Concen: 53.835 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

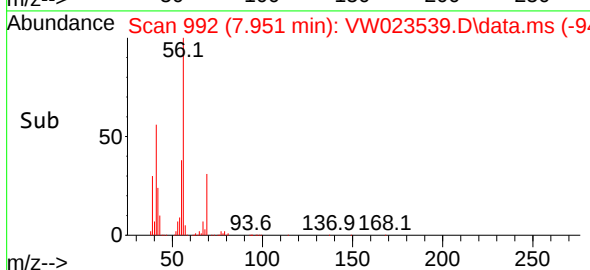
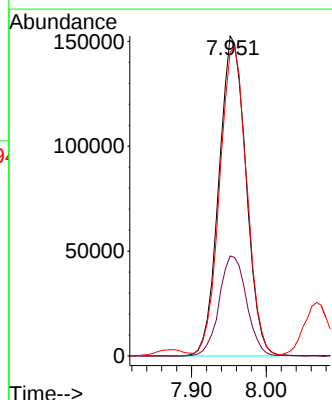
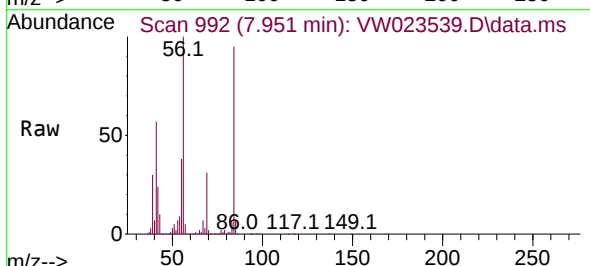
Tgt Ion: 56 Resp: 383344

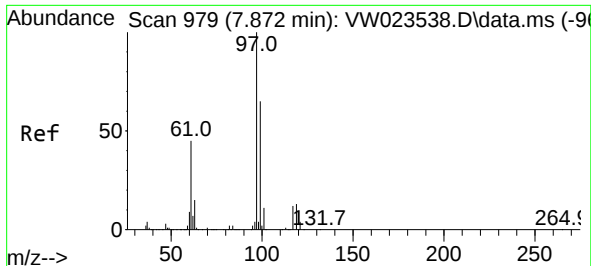
Ion Ratio Lower Upper

56 100

69 31.7 25.6 38.4

84 96.8 77.0 115.6





#30

1,1,1-Trichloroethane

Concen: 48.265 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

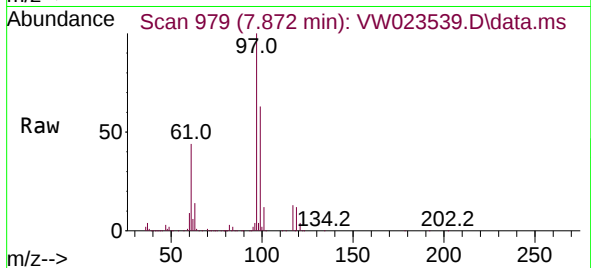
Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :



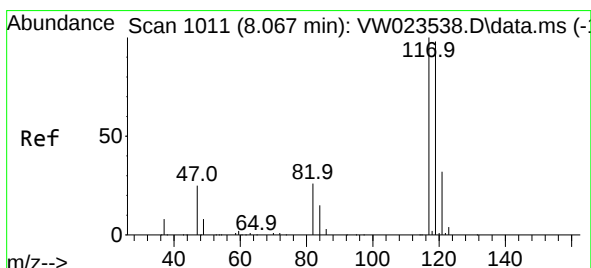
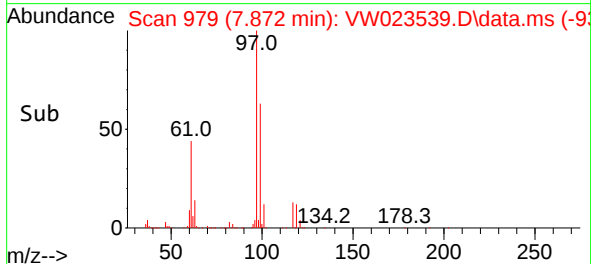
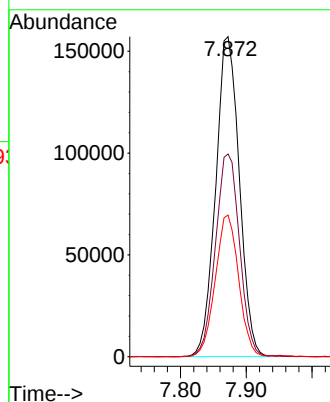
Tgt Ion: 97 Resp: 394449

Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

61 43.8 35.8 53.8



#31

Carbon tetrachloride

Concen: 48.048 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023539.D

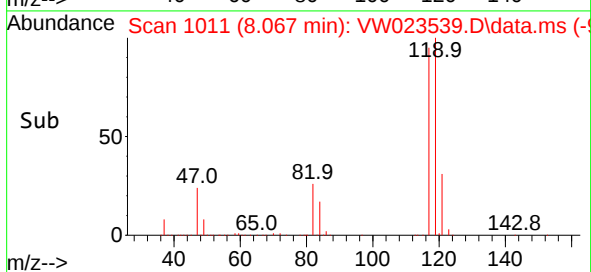
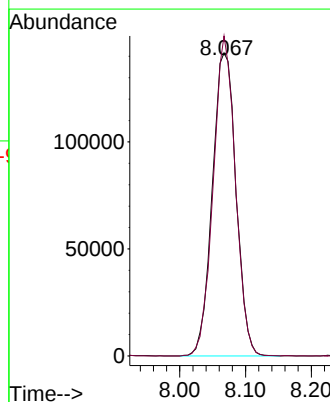
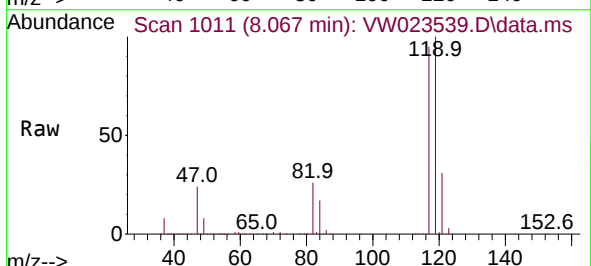
Acq: 30 Jun 2022 10:52

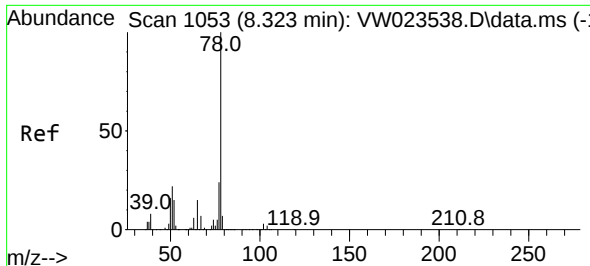
Tgt Ion: 117 Resp: 354979

Ion Ratio Lower Upper

117 100

119 98.9 76.7 115.1

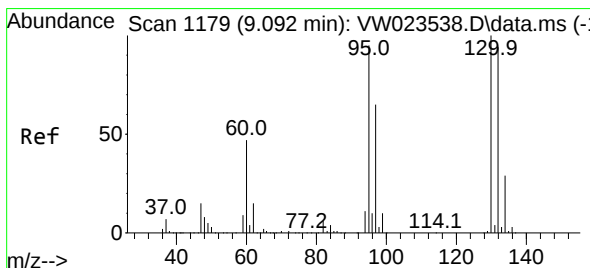
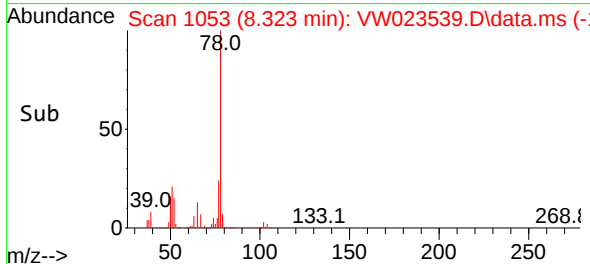
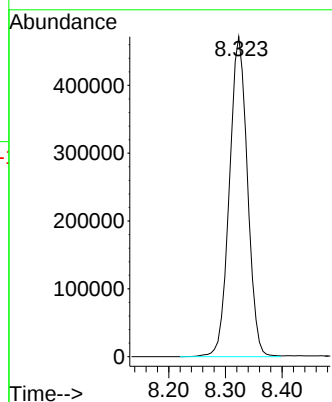
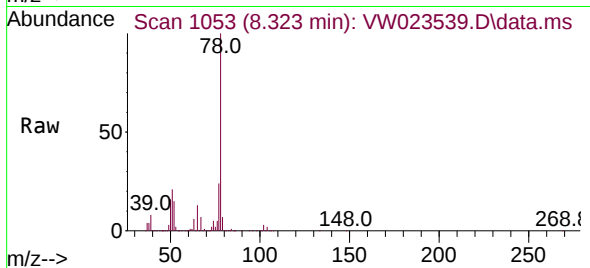




#33
Benzene
Concen: 49.179 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Instrument :
MSVOA_W
ClientSampleId :

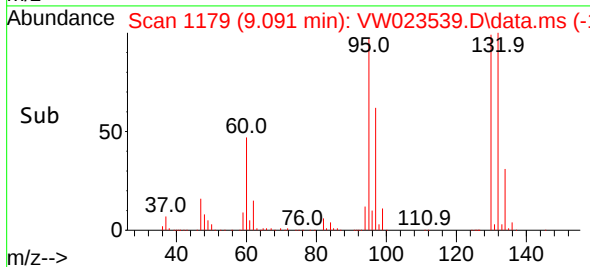
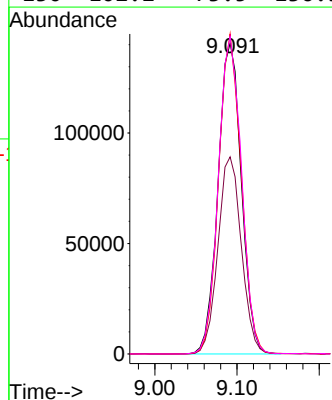
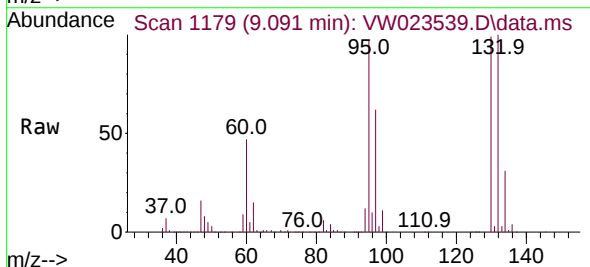
Tgt Ion: 78 Resp: 1042543

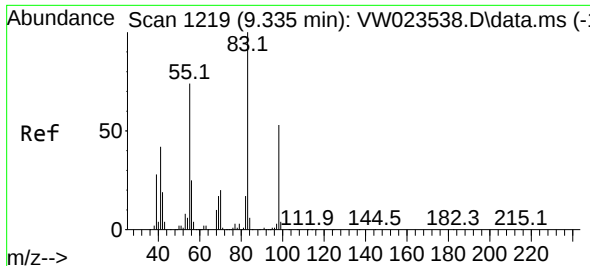


#34
Trichloroethene
Concen: 48.989 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion: 95 Resp: 278244

Ion	Ratio	Lower	Upper
95	100		
97	63.5	47.5	88.1
132	103.1	68.9	127.9
130	102.2	73.5	136.5

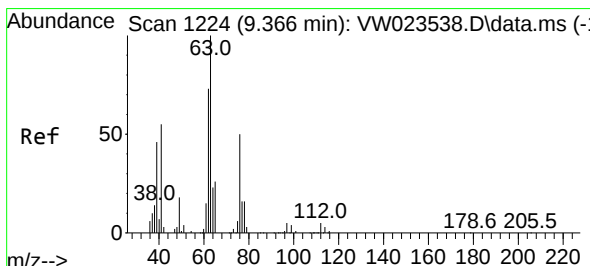
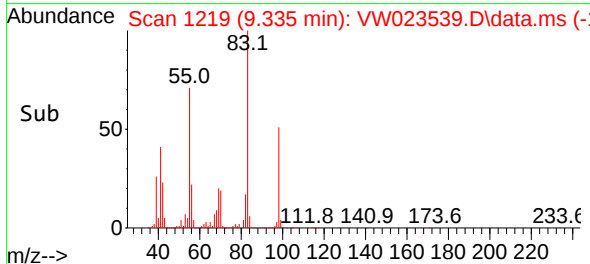
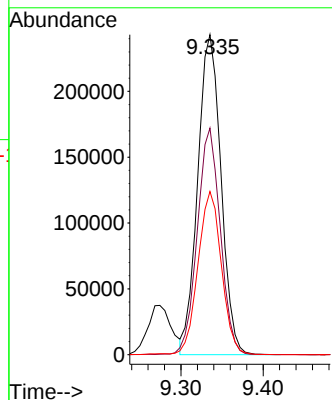
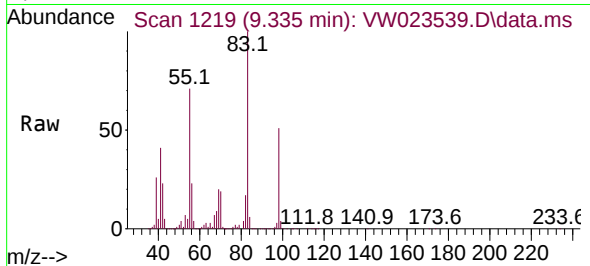




#35
Methylcyclohexane
Concen: 53.489 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

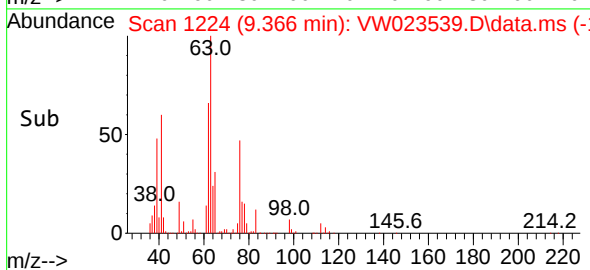
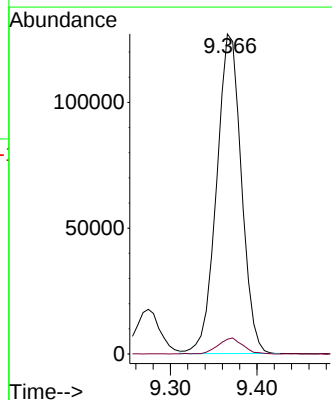
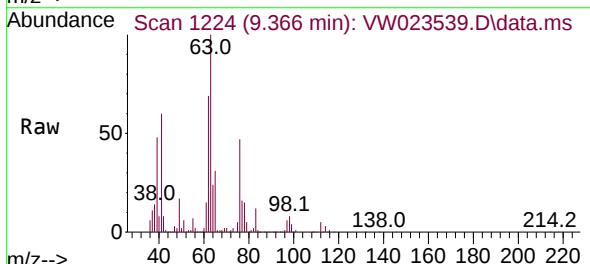
Instrument :
MSVOA_W
ClientSampleId :

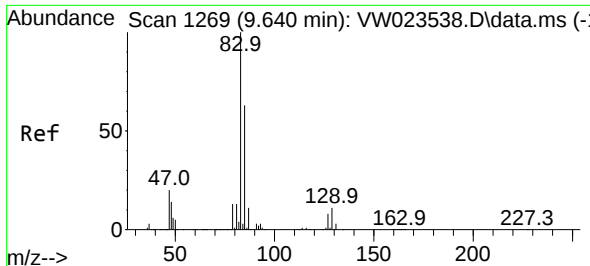
Tgt Ion: 83 Resp: 478036
Ion Ratio Lower Upper
83 100
55 69.8 57.0 85.6
98 51.3 40.2 60.4



#37
1,2-Dichloropropane
Concen: 49.305 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion: 63 Resp: 252820
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1

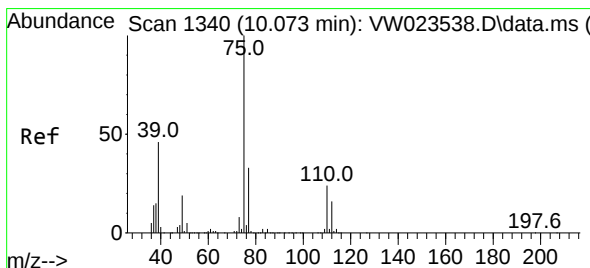
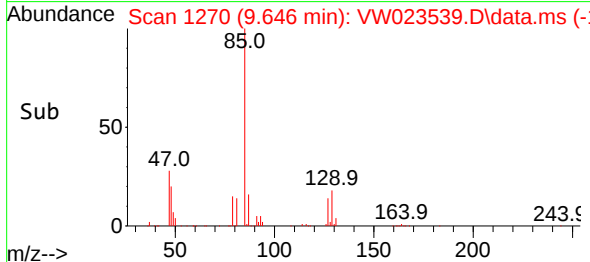
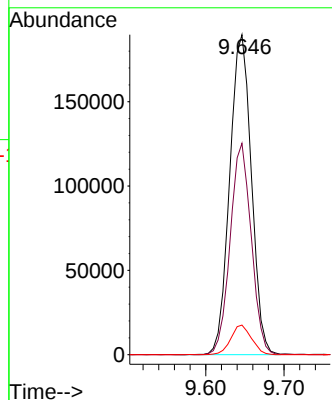
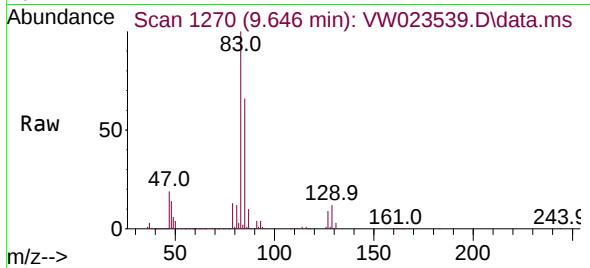




#38
Bromodichloromethane
Concen: 49.593 ug/L
RT: 9.646 min Scan# 1269
Delta R.T. 0.006 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

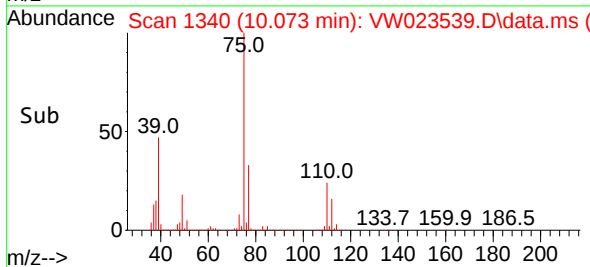
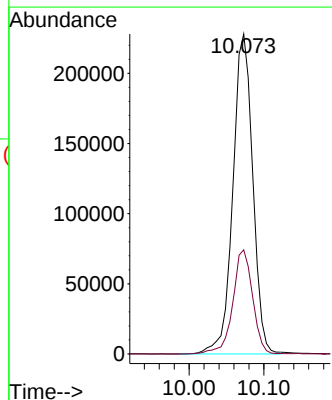
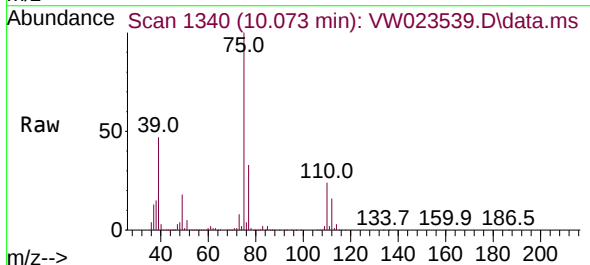
Instrument :
MSVOA_W
ClientSampleId :

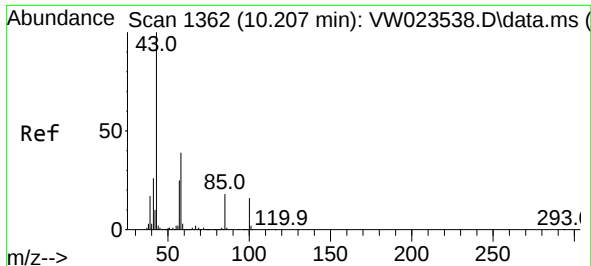
Tgt Ion: 83 Resp: 364074
Ion Ratio Lower Upper
83 100
85 66.1 44.2 82.0
127 9.3 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 53.002 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion: 75 Resp: 420841
Ion Ratio Lower Upper
75 100
77 32.6 23.0 42.6





#40

4-Methyl-2-pentanone

Concen: 105.216 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

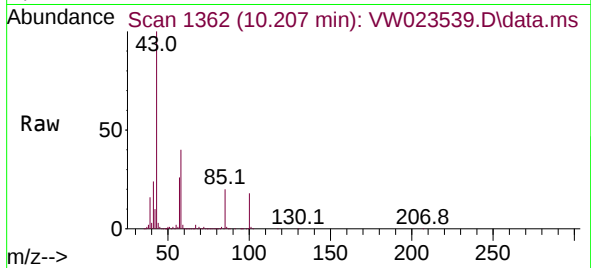
Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

Instrument :

MSVOA_W

ClientSampleId :



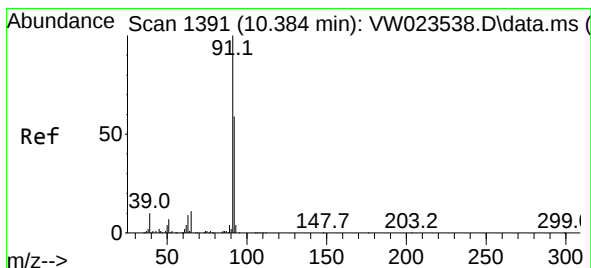
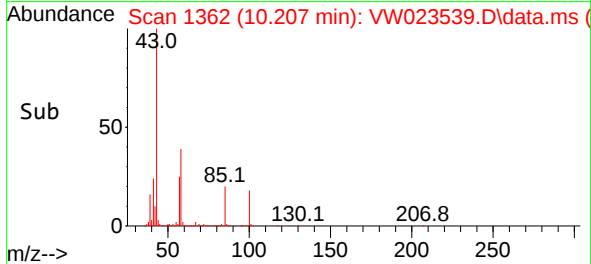
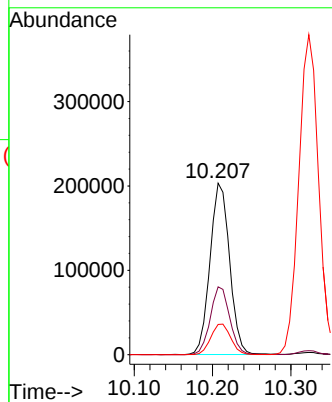
Tgt Ion: 43 Resp: 353592

Ion Ratio Lower Upper

43 100

58 39.3 31.8 47.8

100 18.2 14.0 21.0



#42

Toluene

Concen: 51.611 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023539.D

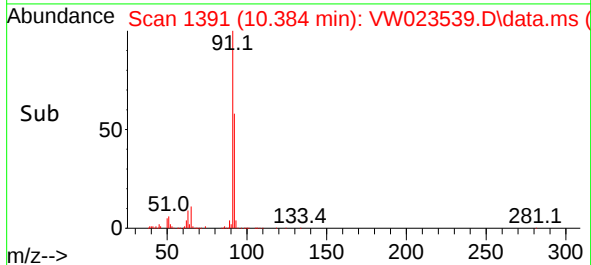
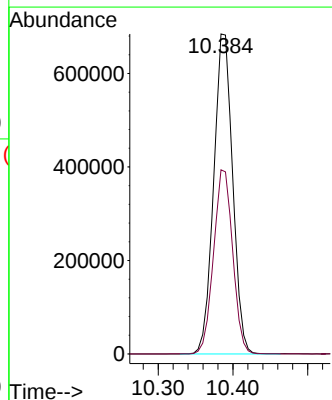
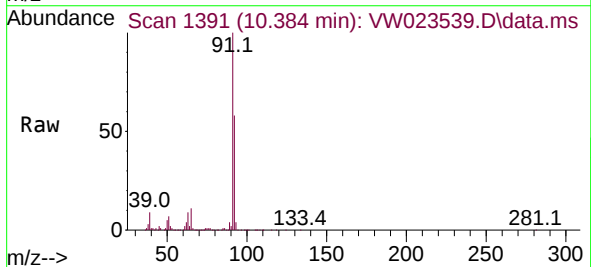
Acq: 30 Jun 2022 10:52

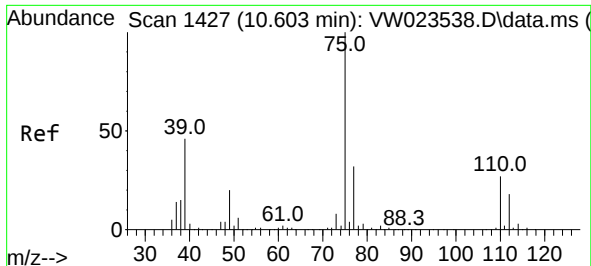
Tgt Ion: 91 Resp: 1210157

Ion Ratio Lower Upper

91 100

92 57.5 41.2 76.4

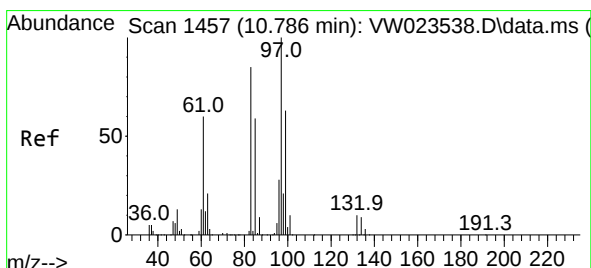
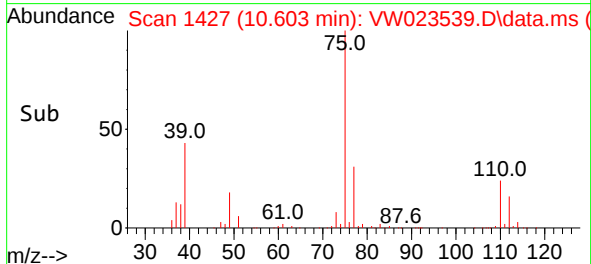
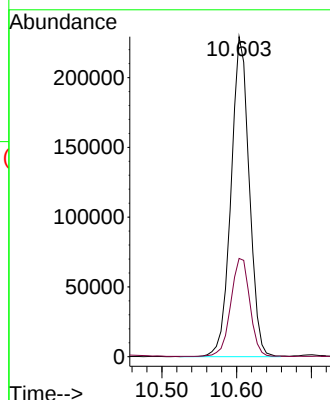
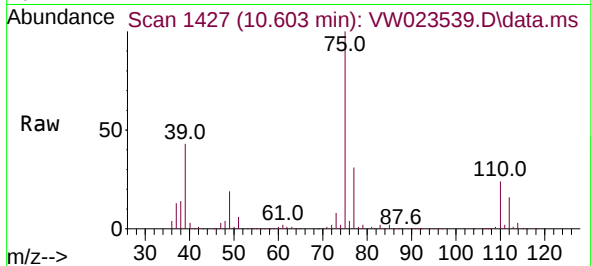




#44
trans-1,3-Dichloropropene
Concen: 52.930 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

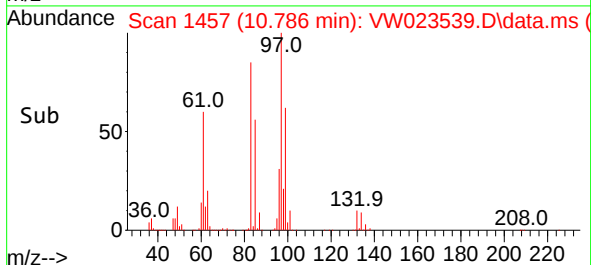
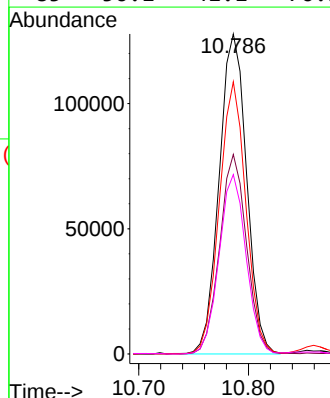
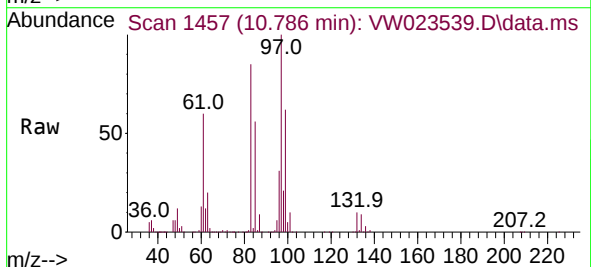
Instrument :
MSVOA_W
ClientSampleId :

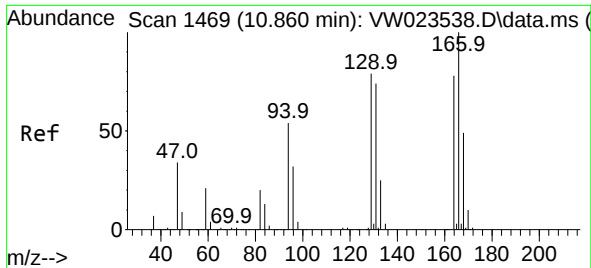
Tgt Ion: 75 Resp: 388441
Ion Ratio Lower Upper
75 100
77 30.7 22.9 42.5



#45
1,1,2-Trichloroethane
Concen: 51.032 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

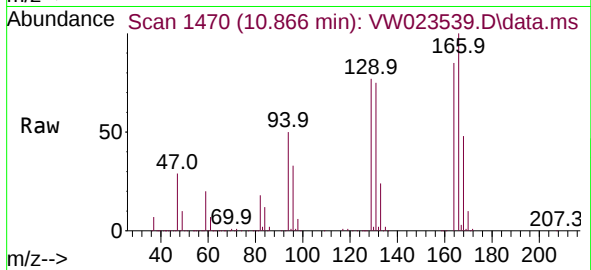
Tgt Ion: 97 Resp: 222498
Ion Ratio Lower Upper
97 100
99 62.4 43.9 81.5
83 85.1 59.8 111.0
85 56.1 41.1 76.3



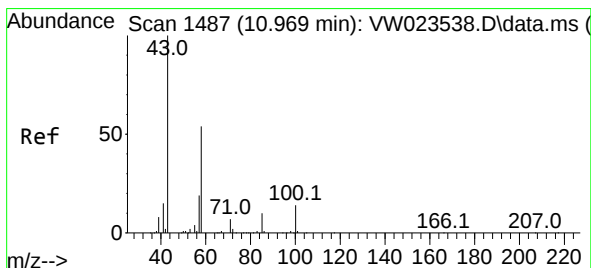
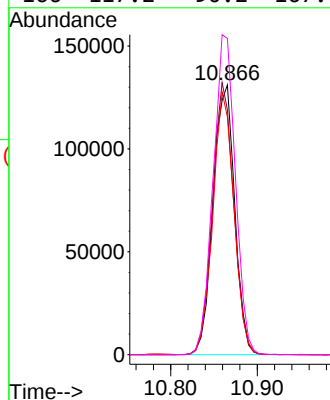
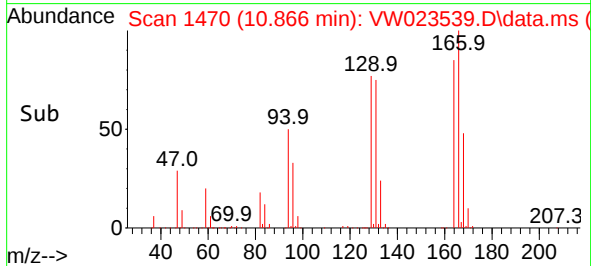


#46
Tetrachloroethene
Concen: 49.885 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

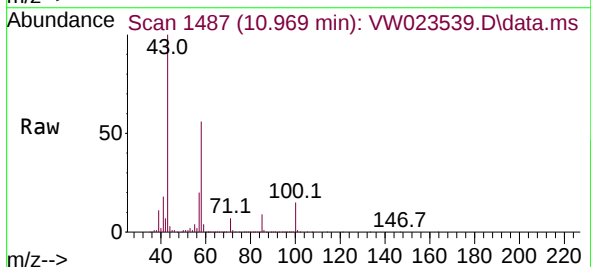
Instrument :
MSVOA_W
ClientSampleId :



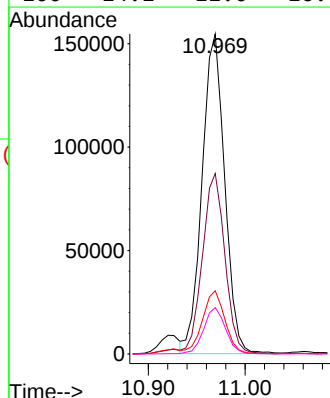
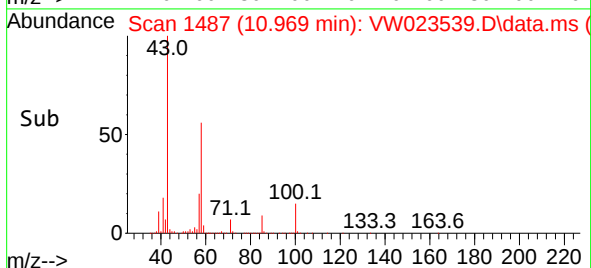
Tgt Ion:164 Resp: 227872
Ion Ratio Lower Upper
164 100
129 90.8 71.3 132.3
131 88.1 67.0 124.4
166 117.2 90.2 167.6

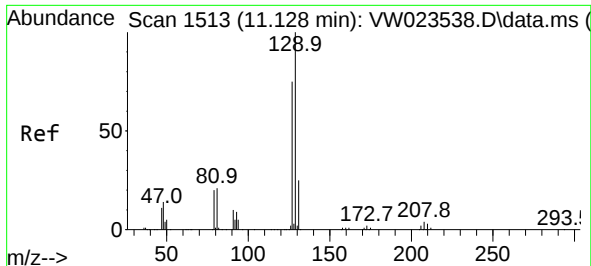


#48
2-Hexanone
Concen: 109.032 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52



Tgt Ion: 43 Resp: 251672
Ion Ratio Lower Upper
43 100
58 56.1 43.7 65.5
57 19.8 15.7 23.5
100 14.1 11.0 16.4





#49

Dibromochloromethane

Concen: 52.851 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

Instrument :

MSVOA_W

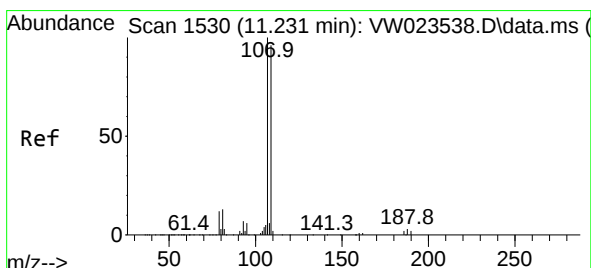
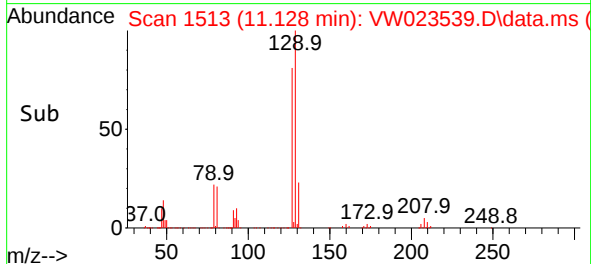
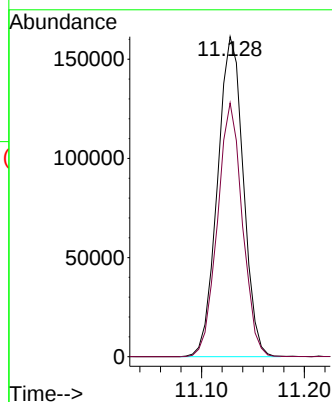
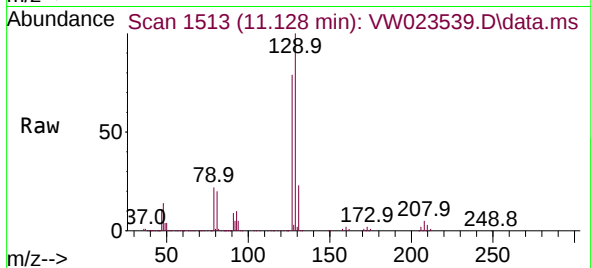
ClientSampleId :

Tgt Ion:129 Resp: 281563

Ion Ratio Lower Upper

129 100

127 79.3 52.7 97.9



#50

1,2-Dibromoethane

Concen: 50.773 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

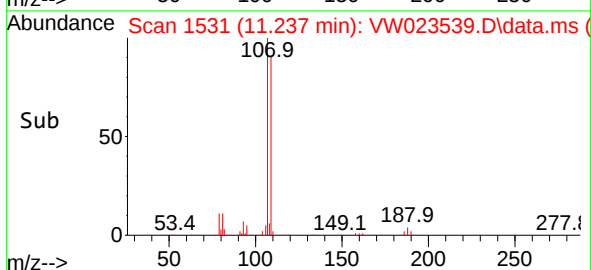
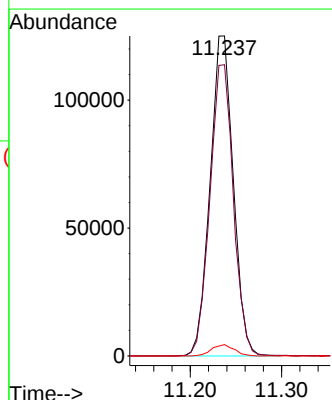
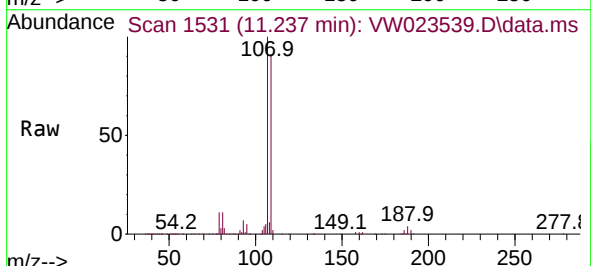
Tgt Ion:107 Resp: 220578

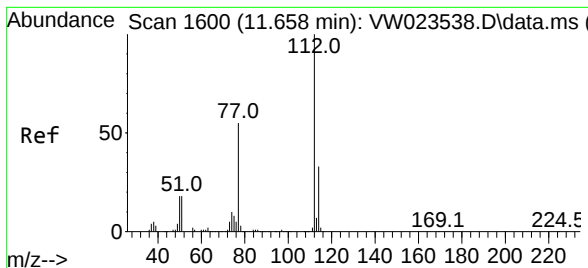
Ion Ratio Lower Upper

107 100

109 91.0 67.2 124.8

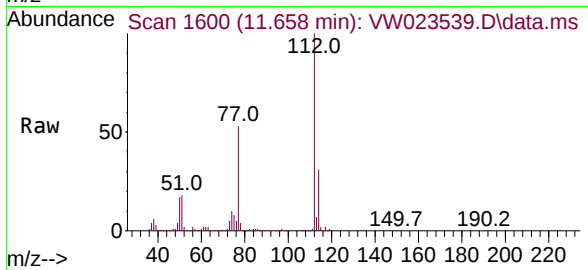
188 3.5 2.7 4.1



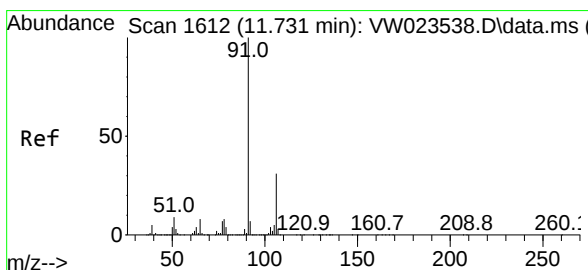
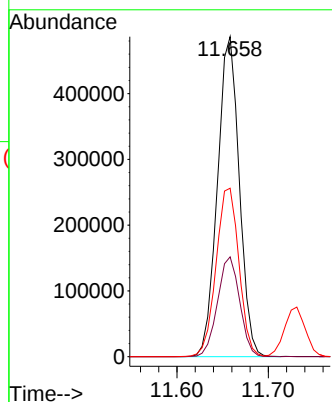
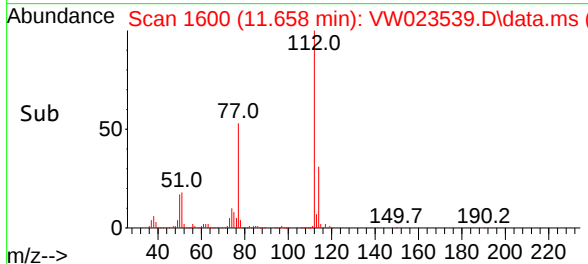


#51
Chlorobenzene
Concen: 50.341 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Instrument :
MSVOA_W
ClientSampleId :

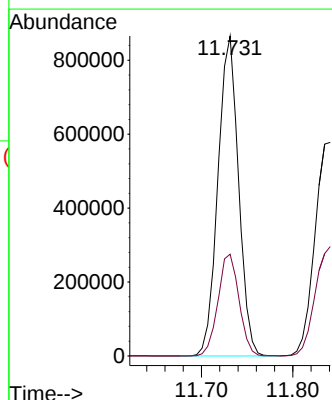
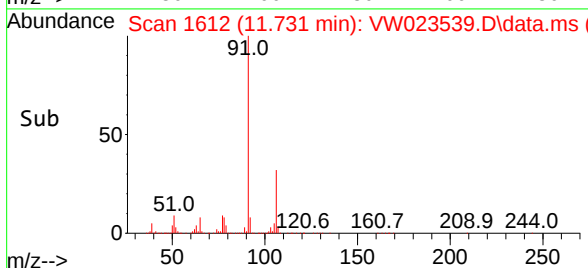
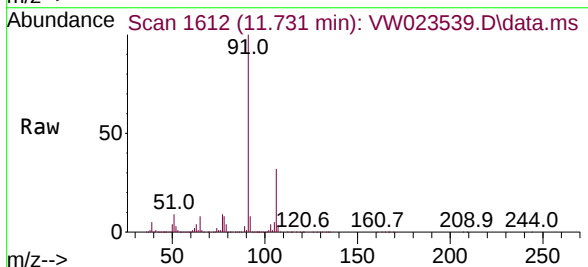


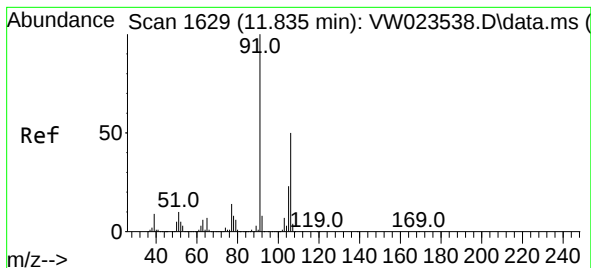
Tgt Ion:112 Resp: 807702
Ion Ratio Lower Upper
112 100
114 31.2 23.1 42.9
77 52.7 44.2 66.4



#52
Ethylbenzene
Concen: 51.836 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion: 91 Resp: 1355663
Ion Ratio Lower Upper
91 100
106 31.8 21.4 39.8

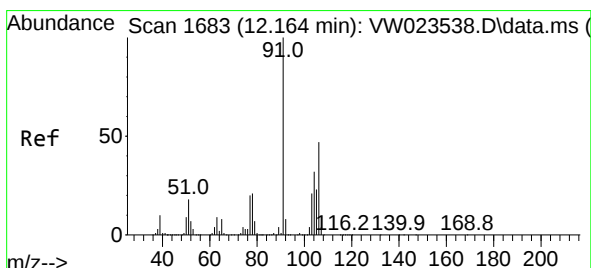
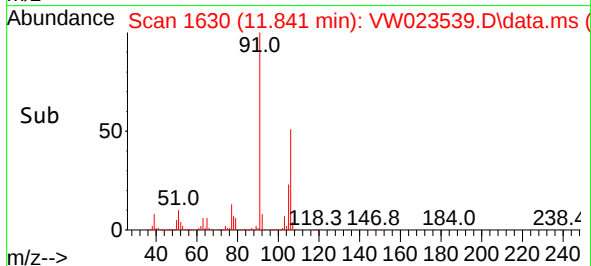
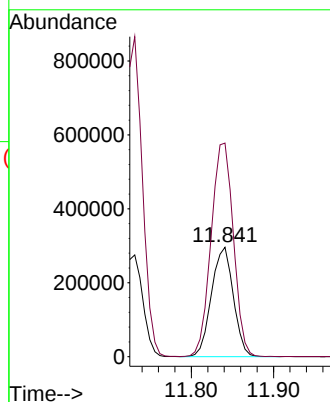
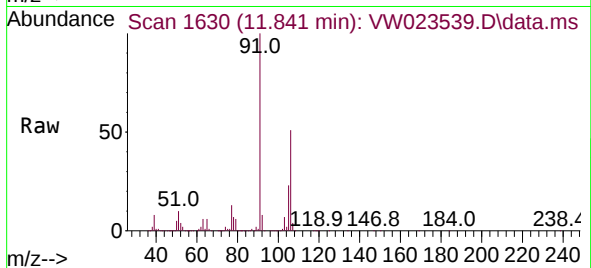




#53
m,p-Xylene
Concen: 53.185 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

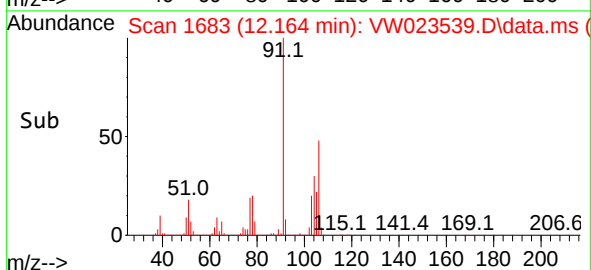
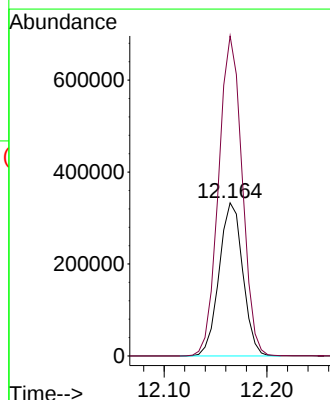
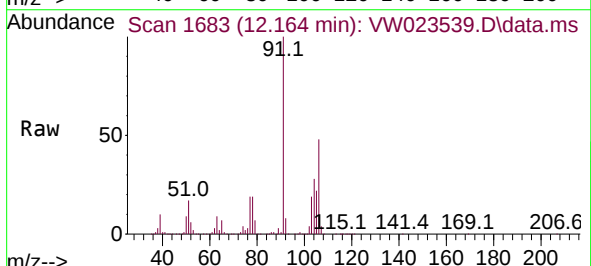
Instrument :
MSVOA_W
ClientSampleId :

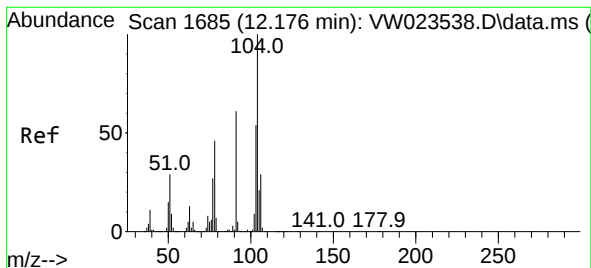
Tgt Ion:106 Resp: 546875
Ion Ratio Lower Upper
106 100
91 195.2 140.8 261.6



#54
o-Xylene
Concen: 54.829 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion:106 Resp: 532505
Ion Ratio Lower Upper
106 100
91 208.9 149.3 277.3





#55

Styrene

Concen: 54.606 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

Instrument :

MSVOA_W

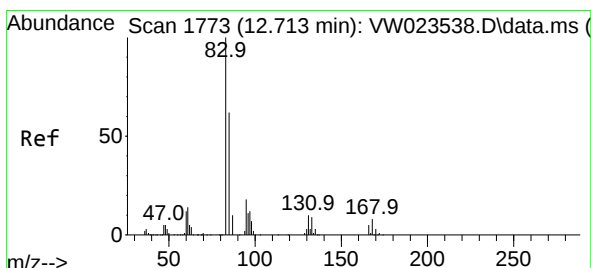
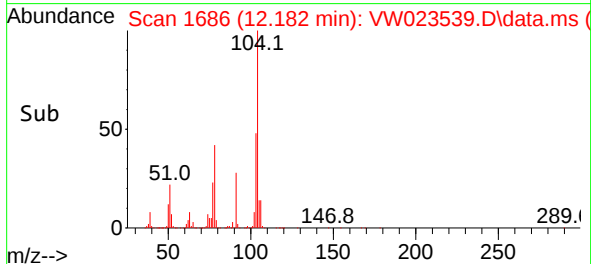
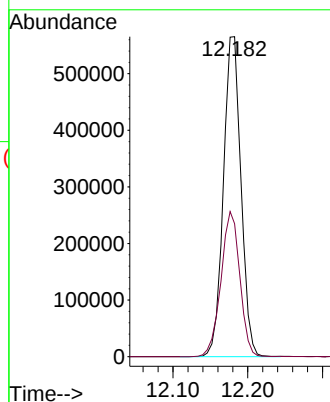
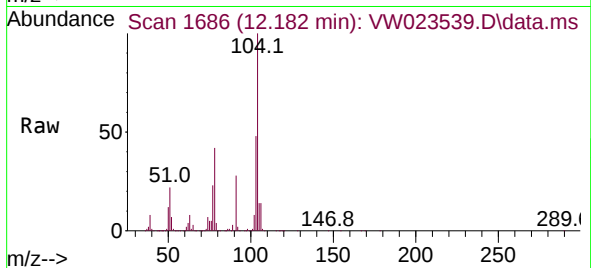
ClientSampleId :

Tgt Ion:104 Resp: 926881

Ion Ratio Lower Upper

104 100

78 41.6 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 51.432 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023539.D

Acq: 30 Jun 2022 10:52

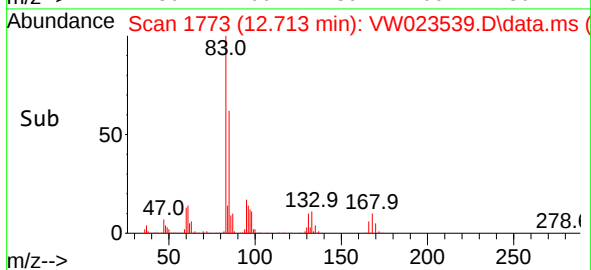
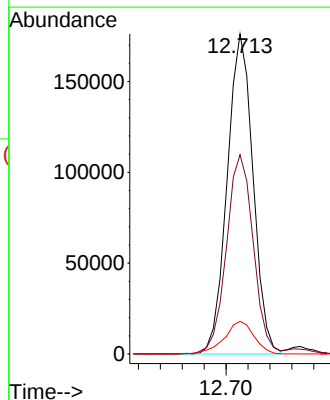
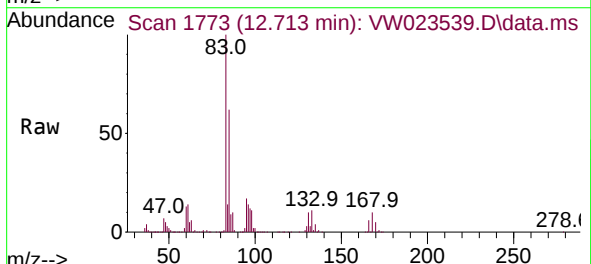
Tgt Ion: 83 Resp: 288397

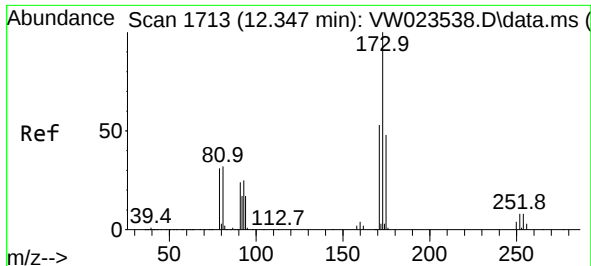
Ion Ratio Lower Upper

83 100

85 62.3 44.0 81.6

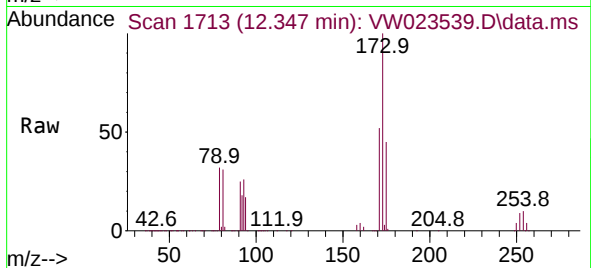
131 10.2 8.5 12.7



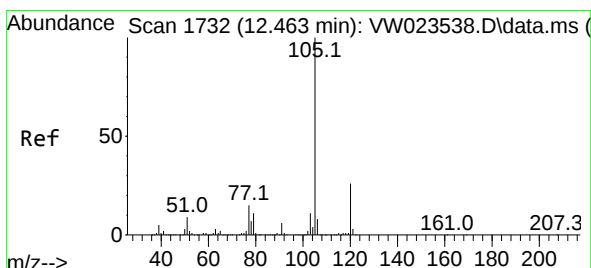
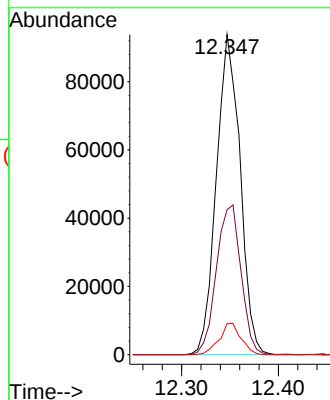
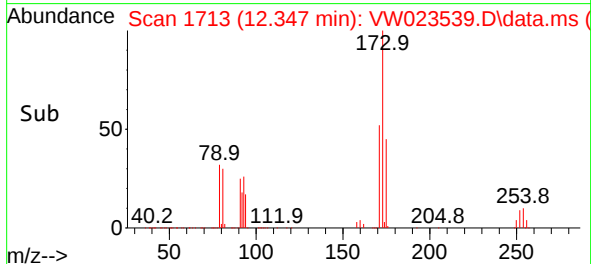


#59
Bromoform
Concen: 51.101 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Instrument :
MSVOA_W
ClientSampleId :

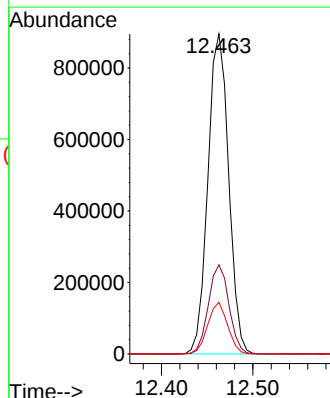
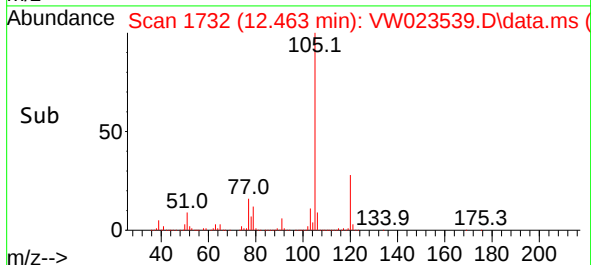
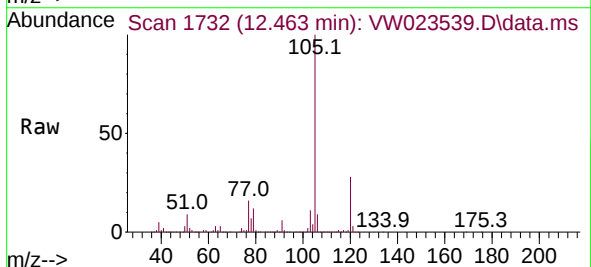


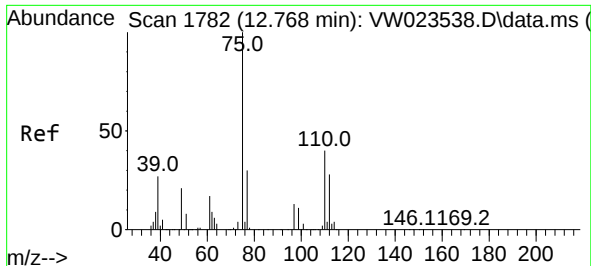
Tgt Ion:173 Resp: 159734
Ion Ratio Lower Upper
173 100
175 48.4 37.9 56.9
254 9.0 7.0 10.4



#60
Isopropylbenzene
Concen: 50.739 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion:105 Resp: 1410177
Ion Ratio Lower Upper
105 100
120 27.6 21.3 31.9
77 15.5 12.4 18.6

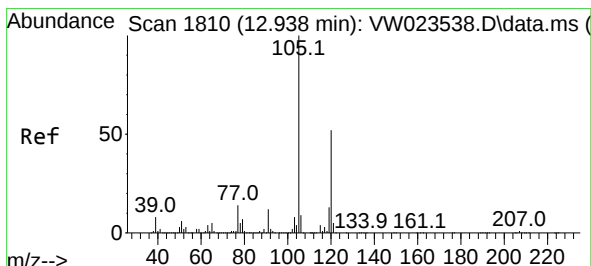
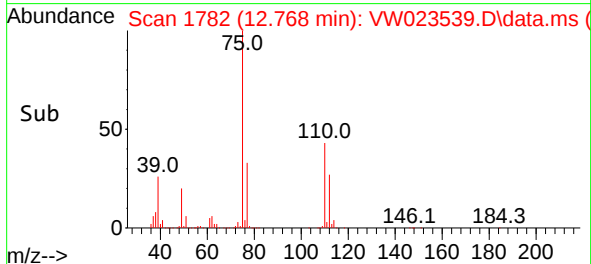
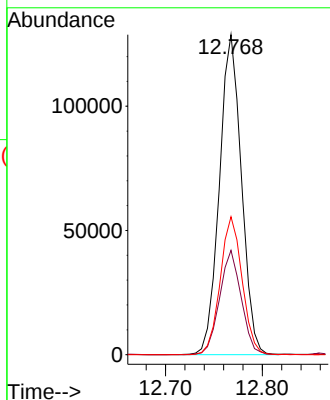
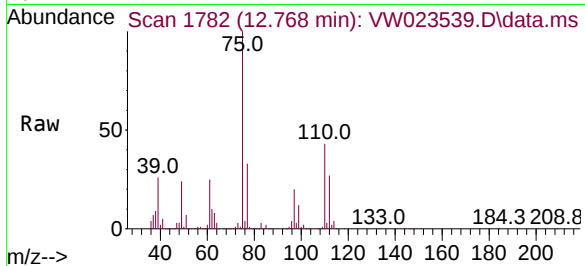




#61
1,2,3-Trichloropropane
Concen: 47.980 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

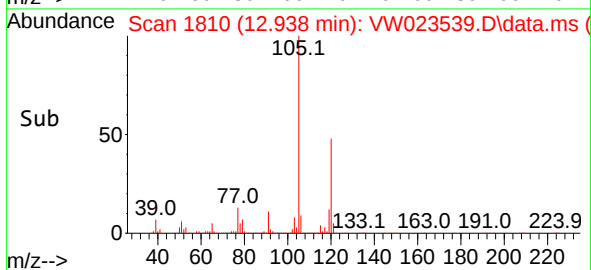
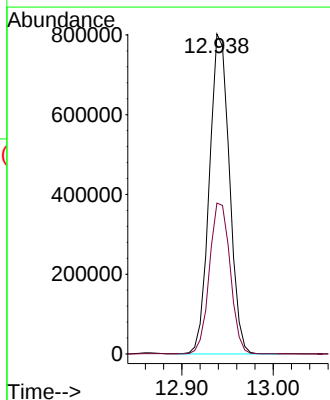
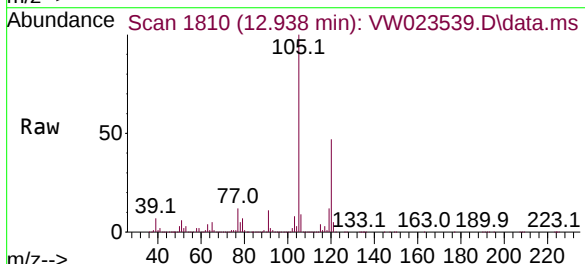
Instrument :
MSVOA_W
ClientSampleId :

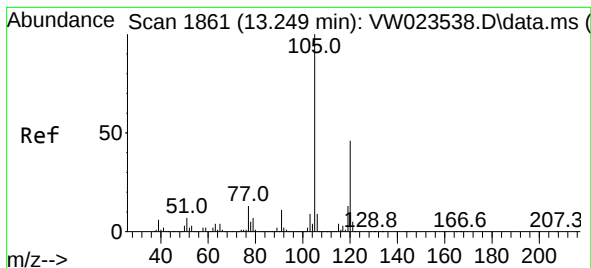
Tgt Ion: 75 Resp: 203618
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 42.8 34.3 51.5



#62
1,3,5-Trimethylbenzene
Concen: 52.957 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

Tgt Ion:105 Resp: 1222815
Ion Ratio Lower Upper
105 100
120 48.7 39.7 59.5

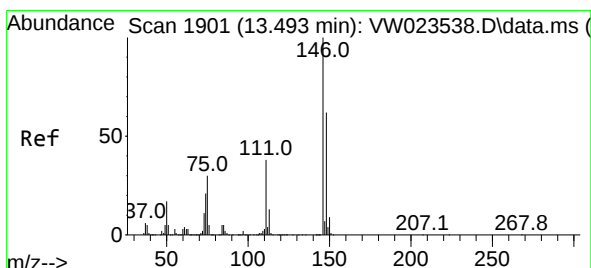
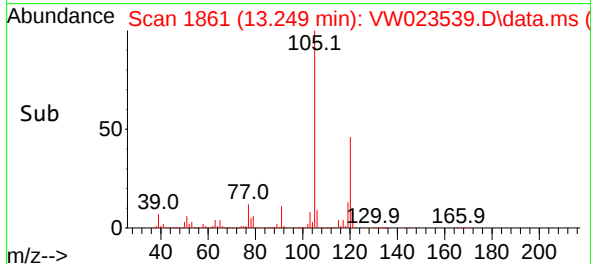
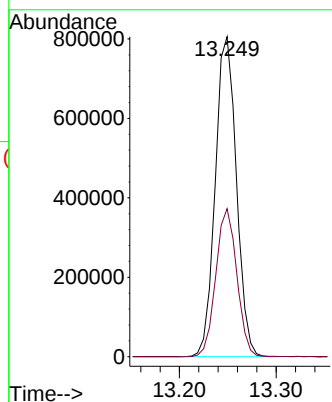
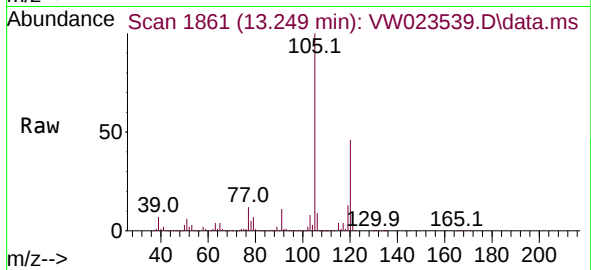




#63
1,2,4-Trimethylbenzene
Concen: 52.762 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

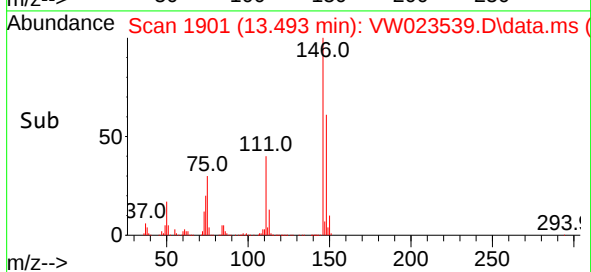
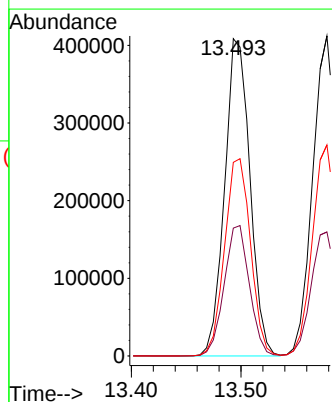
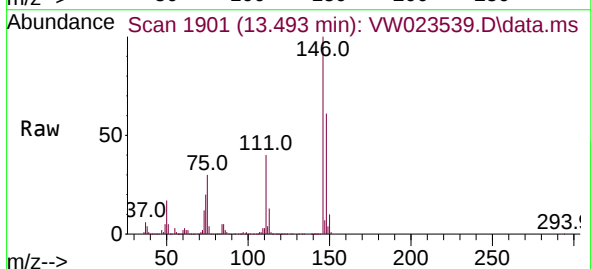
Instrument :
MSVOA_W
ClientSampleId :

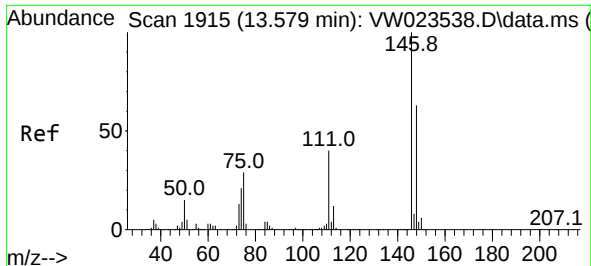
Tgt Ion:105 Resp: 1222627
Ion Ratio Lower Upper
105 100
120 45.9 36.9 55.3



#64
1,3-Dichlorobenzene
Concen: 49.126 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

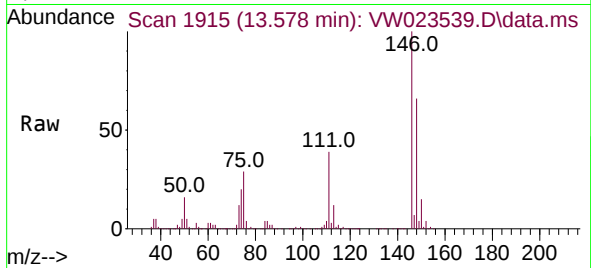
Tgt Ion:146 Resp: 656216
Ion Ratio Lower Upper
146 100
111 40.3 26.7 49.7
148 61.0 43.3 80.5



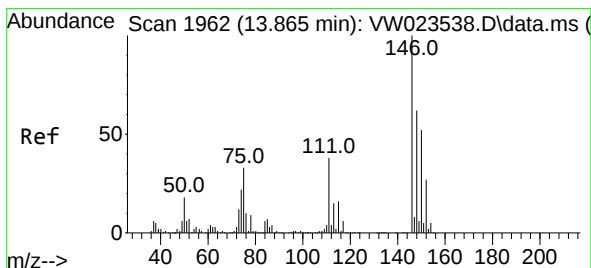
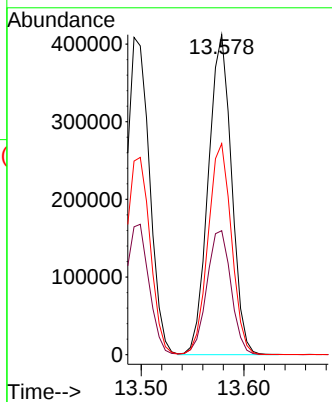
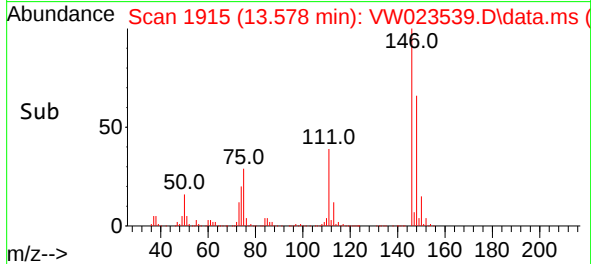


#65
1,4-Dichlorobenzene
Concen: 47.787 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

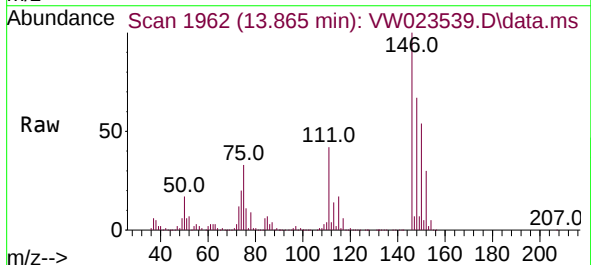
Instrument :
MSVOA_W
ClientSampleId :



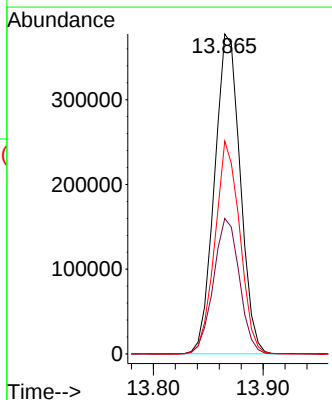
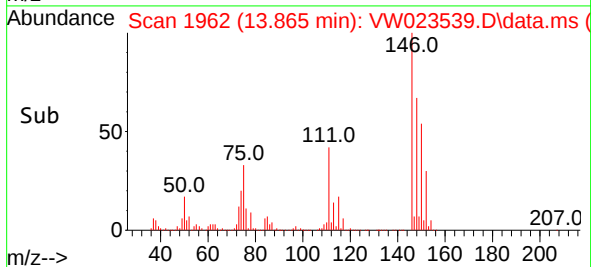
Tgt Ion:146 Resp: 647375
Ion Ratio Lower Upper
146 100
111 38.7 28.2 52.4
148 65.9 44.4 82.4

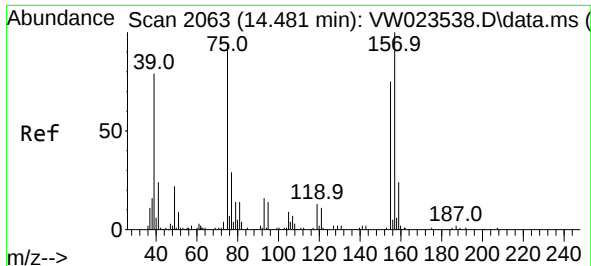


#67
1,2-Dichlorobenzene
Concen: 50.770 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52



Tgt Ion:146 Resp: 614571
Ion Ratio Lower Upper
146 100
111 42.3 30.6 45.8
148 66.6 49.9 74.9

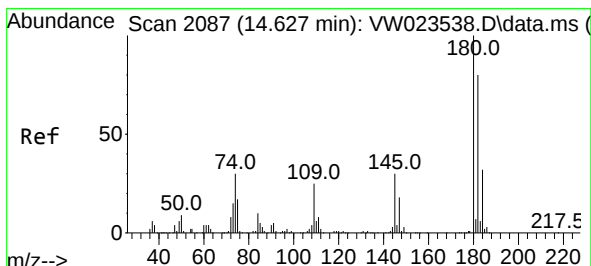
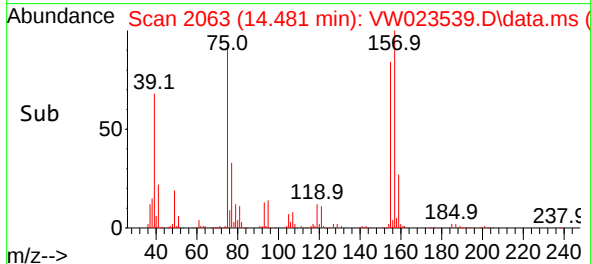
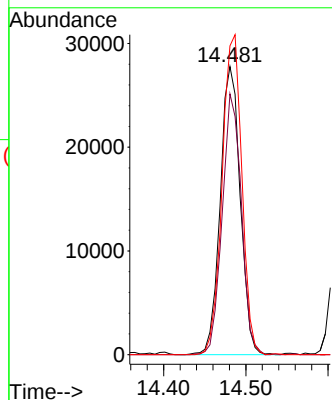
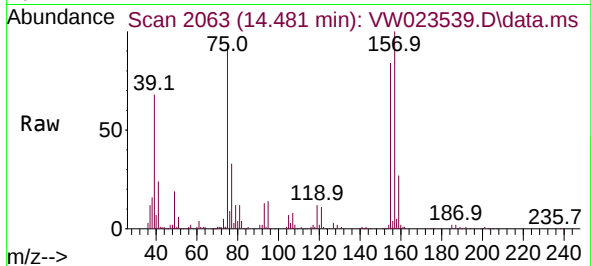




#68
1,2-Dibromo-3-chloropropane
Concen: 48.271 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

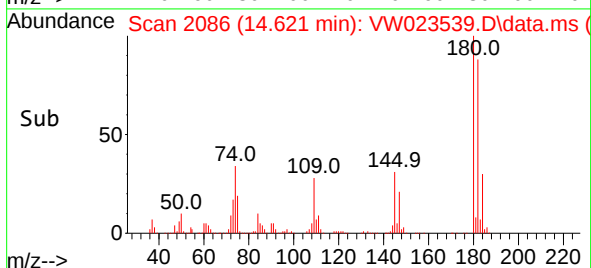
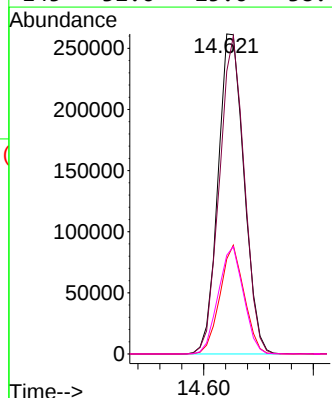
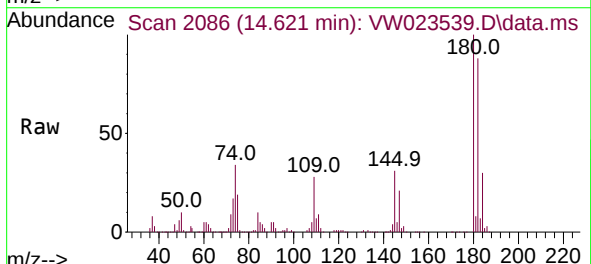
Instrument :
MSVOA_W
ClientSampleId :

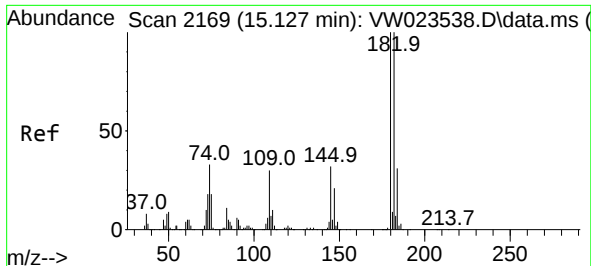
Tgt Ion: 75 Resp: 46848
Ion Ratio Lower Upper
75 100
155 90.5 63.8 95.6
157 107.2 85.0 127.4



#69
1,3,5-Trichlorobenzene
Concen: 48.294 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

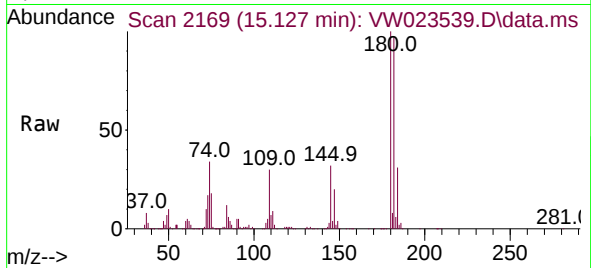
Tgt Ion:180 Resp: 430711
Ion Ratio Lower Upper
180 100
182 95.0 75.5 113.3
184 31.7 24.6 36.8
145 32.6 25.6 38.4



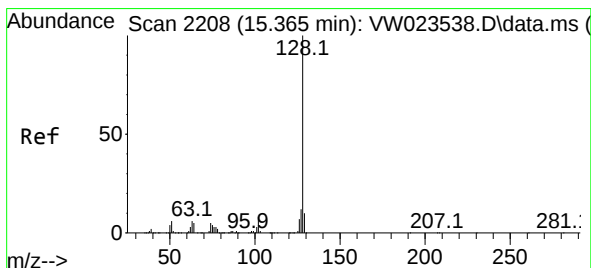
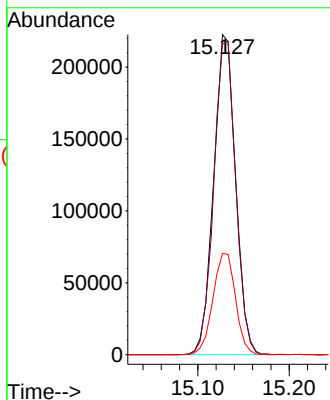
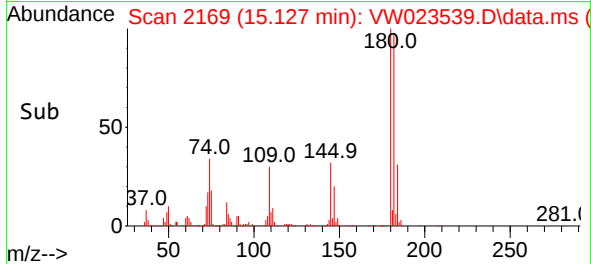


#70
1,2,4-trichlorobenzene
Concen: 51.501 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52

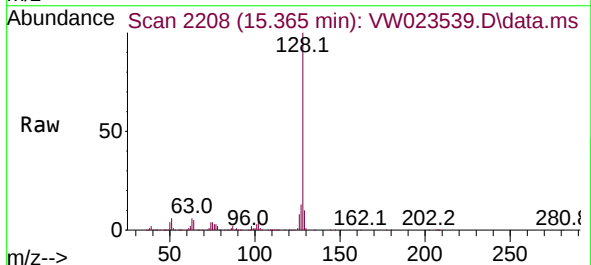
Instrument :
MSVOA_W
ClientSampleId :



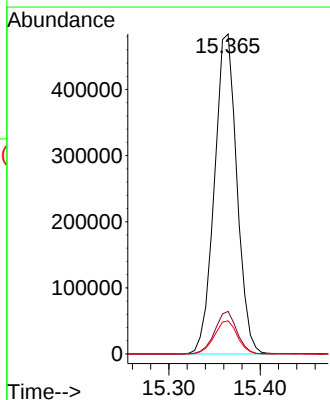
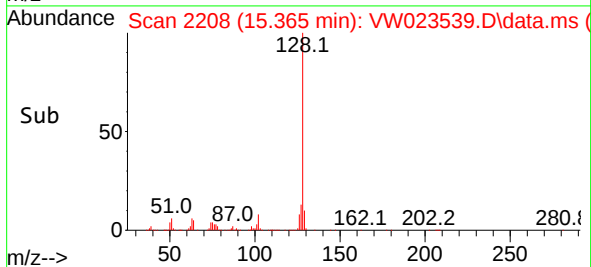
Tgt Ion:180 Resp: 370660
Ion Ratio Lower Upper
180 100
182 98.2 77.0 115.4
145 32.7 26.1 39.1

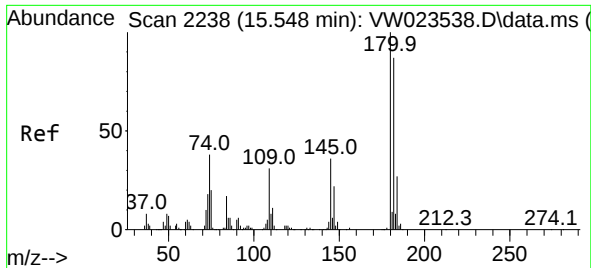


#71
Naphthalene
Concen: 55.408 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW023539.D
Acq: 30 Jun 2022 10:52



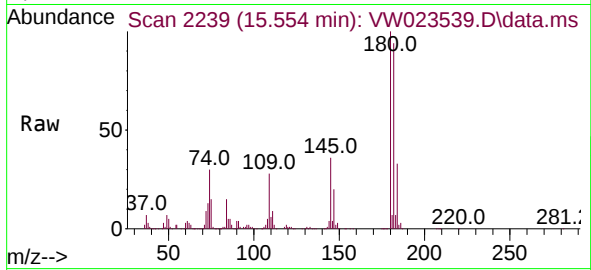
Tgt Ion:128 Resp: 827381
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.6 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 50.708 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023539.D
 Acq: 30 Jun 2022 10:52

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 333096
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.6 113.4
 145 35.4 28.2 42.2

