

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023439.D
 Acq On : 10 Jun 2022 10:47
 Operator : SY/VA
 Sample : VSTD02522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 11:41:12 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	8.842	114	339909	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	333182	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184552	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	131477	24.887	ug/L	0.00
7) Chloroethane-d5	2.885	69	98036	26.157	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	181501	23.546	ug/L	0.00
21) 2-Butanone-d5	7.281	46	408	0.401	ug/L	0.21
24) Chloroform-d	7.653	84	229394	25.162	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	124320	25.719	ug/L	0.00
32) Benzene-d6	8.275	84	435547	24.020	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	127011	24.890	ug/L	0.00
41) Toluene-d8	10.323	98	432183	24.988	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	56900	25.034	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	41119	52.796	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119456	26.575	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	155236	23.797	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	33835	29.159	ug/L	92
3) Chloromethane	2.215	50	104601	26.500	ug/L	96
5) Vinyl chloride	2.361	62	168095	27.416	ug/L	99
6) Bromomethane	2.782	94	88852	26.447	ug/L	88
8) Chloroethane	2.922	64	87218	28.556	ug/L	96
9) Trichlorofluoromethane	3.257	101	72681	23.825	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	107091	24.840	ug/L	95
12) 1,1-Dichloroethene	4.044	96	92346	24.164	ug/L	91
13) Acetone	4.123	43	32949	43.964	ug/L	97
14) Carbon disulfide	4.385	76	289005	23.792	ug/L	99
15) Methyl Acetate	4.672	43	40183	23.993	ug/L	96
16) Methylene chloride	4.916	84	107410	22.128	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	109230	24.060	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	167762	25.164	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	199301	25.698	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	120230	24.984	ug/L #	93
22) 2-Butanone	7.171	43	58064	52.020	ug/L	100
23) Bromochloromethane	7.513	128	54193	24.040	ug/L	92
25) Chloroform	7.677	83	222800	25.877	ug/L	99
27) 1,2-Dichloroethane	8.403	62	152564	27.765	ug/L	97
29) Cyclohexane	7.958	56	175437	25.198	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	192642	24.700	ug/L	97
31) Carbon tetrachloride	8.073	117	177250	24.779	ug/L	97
33) Benzene	8.323	78	487717	25.202	ug/L	100
34) Trichloroethene	9.092	95	127450	24.311	ug/L	95
35) Methylcyclohexane	9.335	83	219782	25.534	ug/L	96
37) 1,2-Dichloropropane	9.372	63	117945	25.790	ug/L	100
38) Bromodichloromethane	9.646	83	166269	25.932	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	185730	26.115	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	132287	52.742	ug/L	99
42) Toluene	10.390	91	560384	25.706	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	168028	26.856	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023439.D
 Acq On : 10 Jun 2022 10:47
 Operator : SY/VA
 Sample : VSTD02522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 11:41:12 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

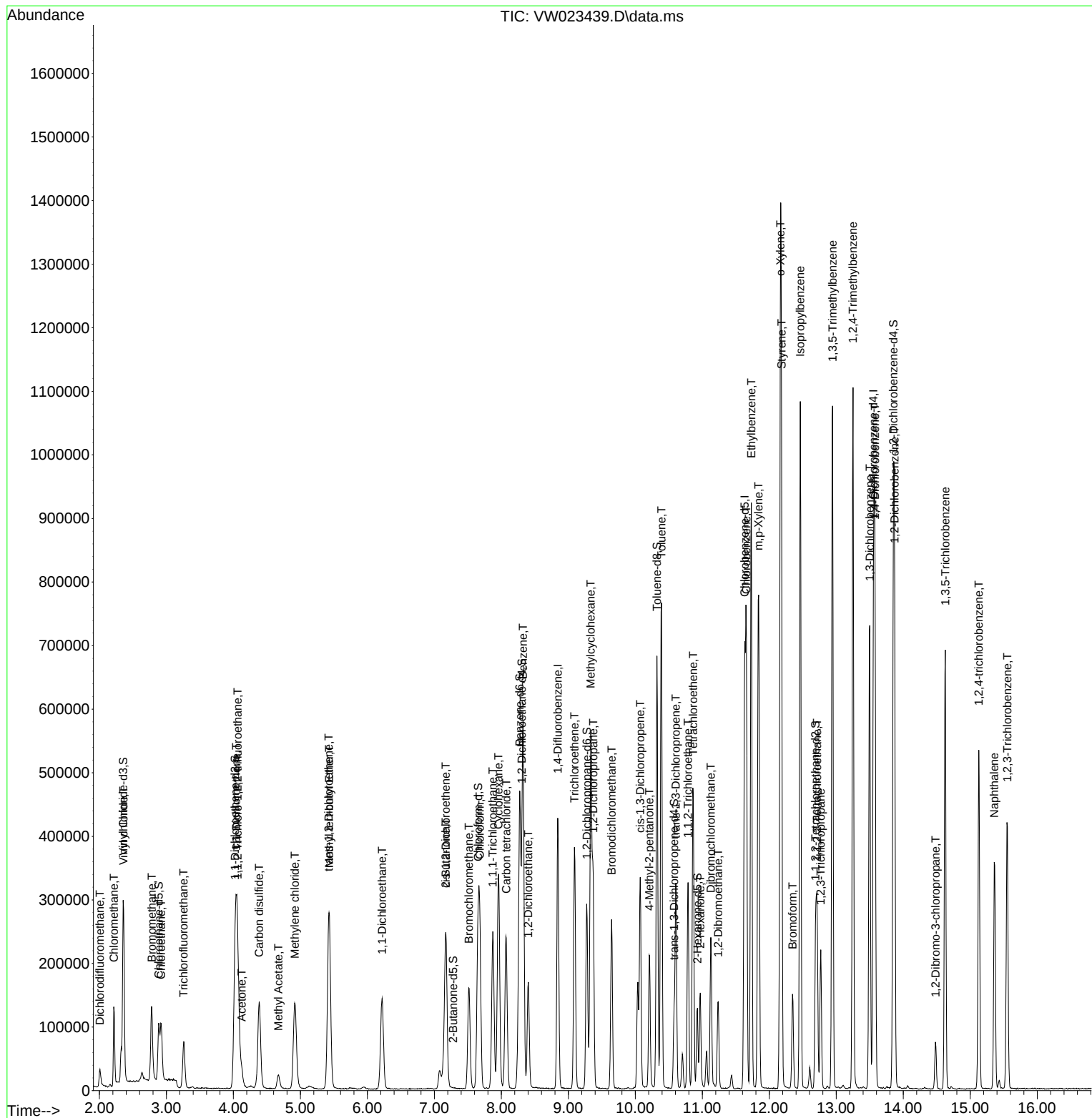
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	95799	26.012	ug/L	98
46) Tetrachloroethene	10.866	164	97542	23.638	ug/L	83
48) 2-Hexanone	10.969	43	92997	57.200	ug/L	96
49) Dibromochloromethane	11.128	129	118108	26.426	ug/L	100
50) 1,2-Dibromoethane	11.238	107	90517	25.241	ug/L	99
51) Chlorobenzene	11.658	112	364854	25.540	ug/L	98
52) Ethylbenzene	11.731	91	636612	26.457	ug/L	100
53) m,p-Xylene	11.841	106	250330	26.868	ug/L	97
54) o-Xylene	12.164	106	243964	27.194	ug/L	98
55) Styrene	12.183	104	423059	27.315	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	120523	26.843	ug/L	94
59) Bromoform	12.347	173	61369	24.505	ug/L	98
60) Isopropylbenzene	12.463	105	674440	26.076	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85761	25.542	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	571961	26.592	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	563745	26.508	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	281348	24.105	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	292809	24.405	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	269191	25.157	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18180	25.531	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	193938	25.000	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	148487	24.873	ug/L	96
71) Naphthalene	15.359	128	300715	26.776	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	128319	24.545	ug/L	96

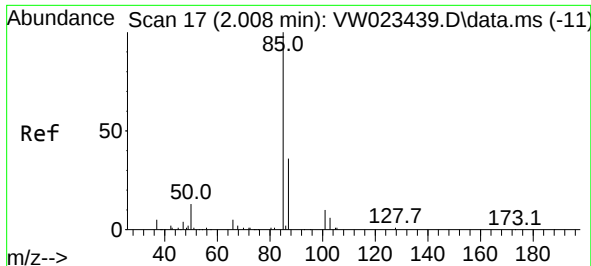
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023439.D
 Acq On : 10 Jun 2022 10:47
 Operator : SY/VA
 Sample : VSTD02522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 11:41:12 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

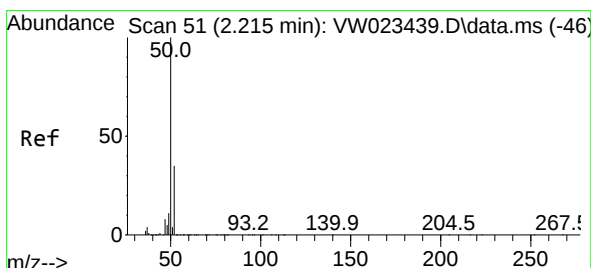
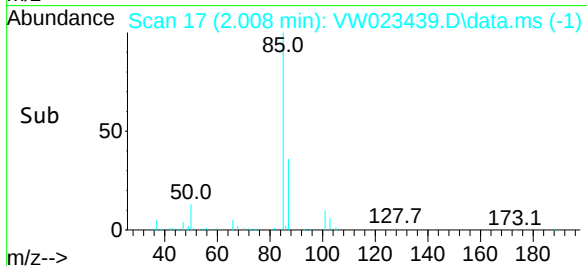
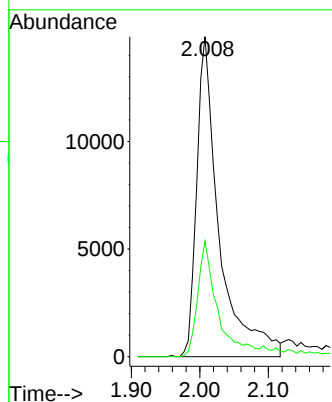
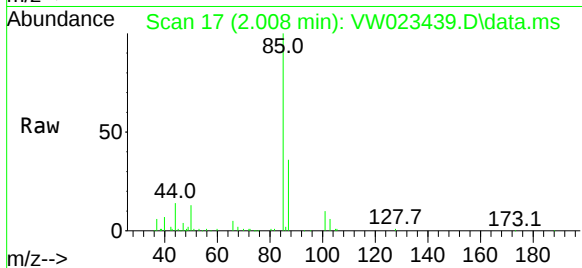




#2
 Dichlorodifluoromethane
 Concen: 29.159 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023439.D
 Acq: 10 Jun 2022 10:47

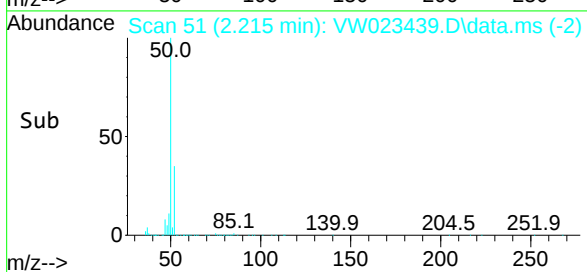
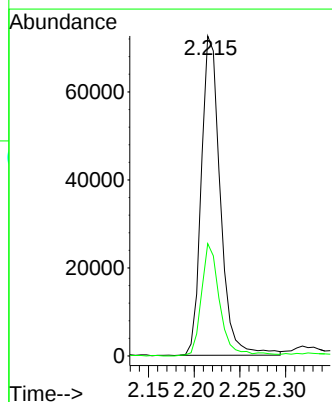
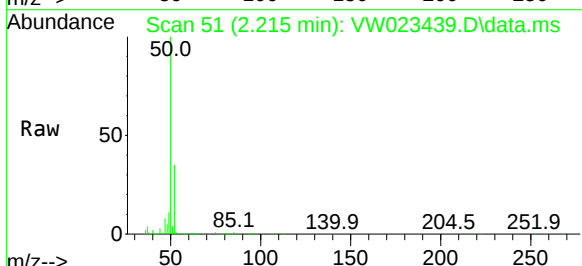
Instrument :
 MSVOA_W
 ClientSampleId :

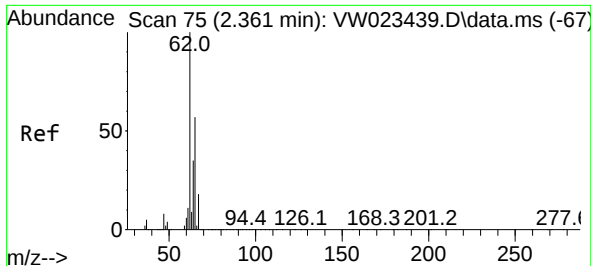
Tgt Ion: 85 Resp: 33835
 Ion Ratio Lower Upper
 85 100
 87 30.0 27.8 41.8



#3
 Chloromethane
 Concen: 26.500 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023439.D
 Acq: 10 Jun 2022 10:47

Tgt Ion: 50 Resp: 104601
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.1 42.9

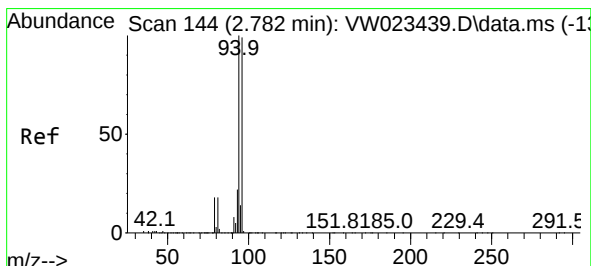
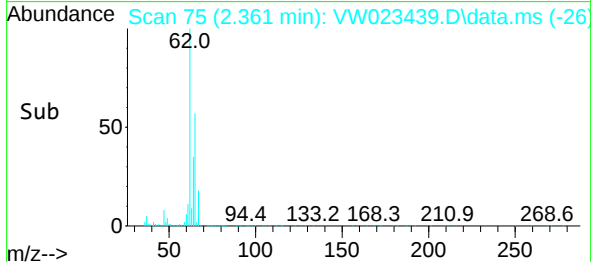
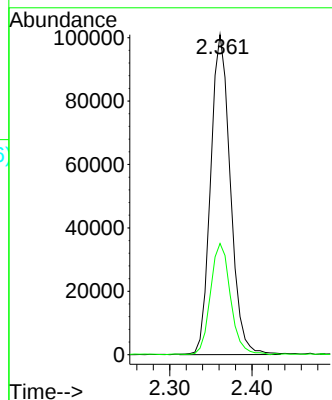
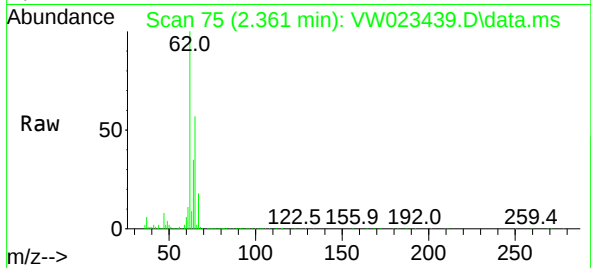




#5
 Vinyl chloride
 Concen: 27.416 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023439.D
 Acq: 10 Jun 2022 10:47

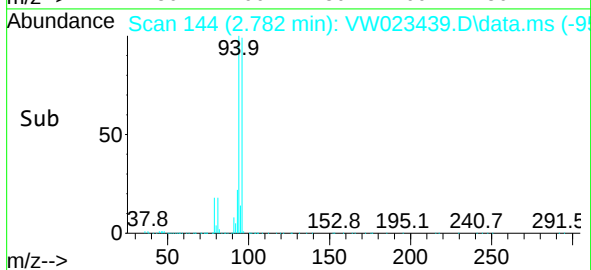
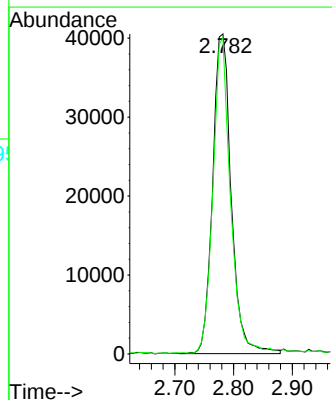
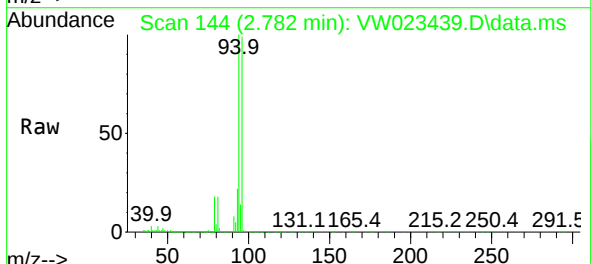
Instrument :
 MSVOA_W
 ClientSampleId :

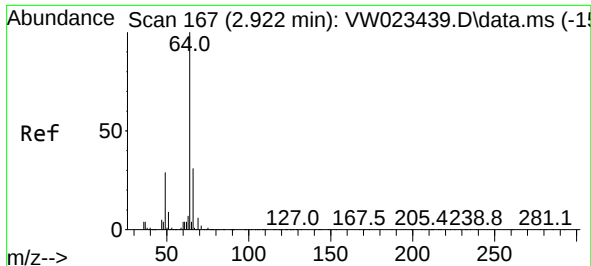
Tgt Ion: 62 Resp: 168095
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.9 46.3



#6
 Bromomethane
 Concen: 26.447 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023439.D
 Acq: 10 Jun 2022 10:47

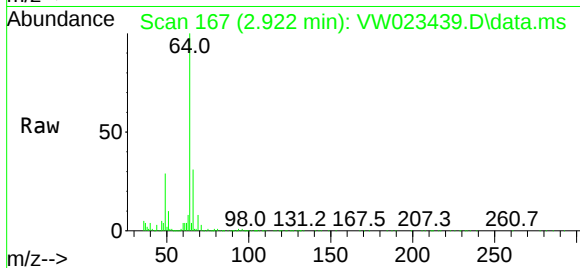
Tgt Ion: 94 Resp: 88852
 Ion Ratio Lower Upper
 94 100
 96 98.9 61.7 114.5



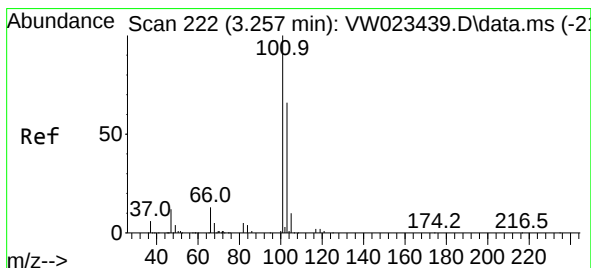
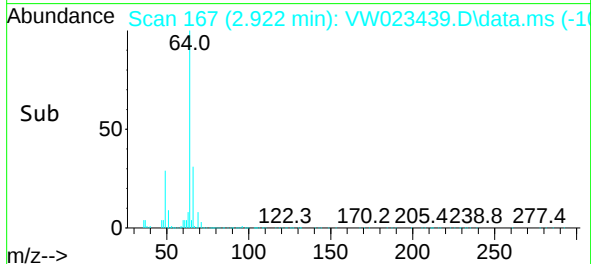
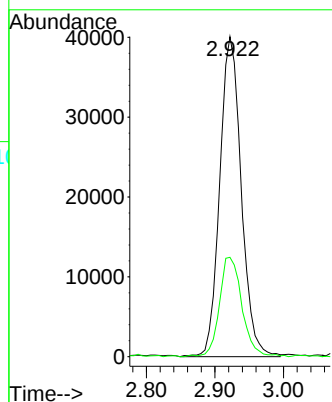


#8
Chloroethane
Concen: 28.556 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Instrument :
MSVOA_W
ClientSampleId :

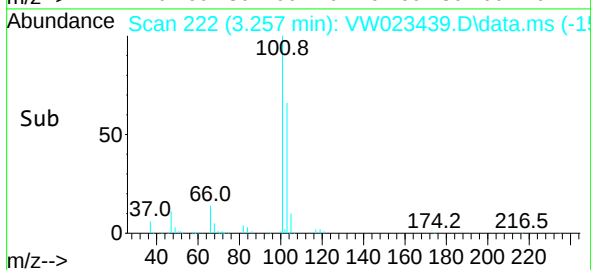
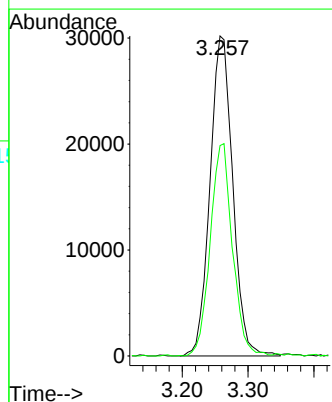
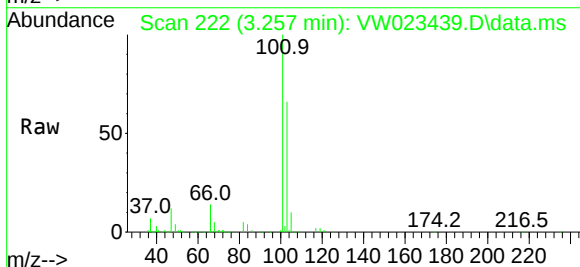


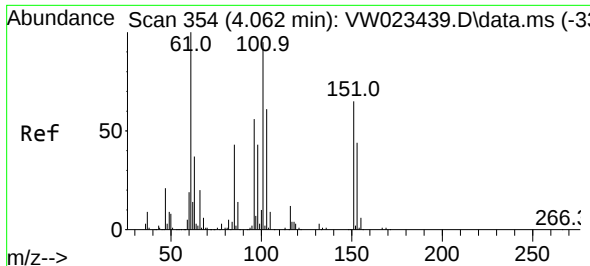
Tgt Ion: 64 Resp: 87218
Ion Ratio Lower Upper
64 100
66 31.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.825 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion: 101 Resp: 72681
Ion Ratio Lower Upper
101 100
103 64.4 53.9 80.9

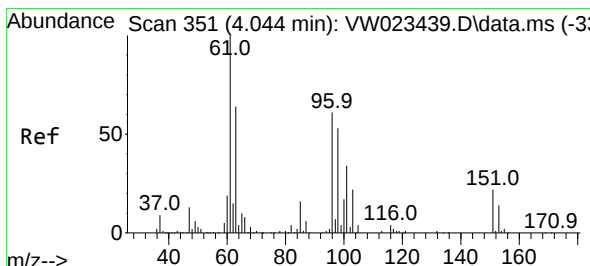
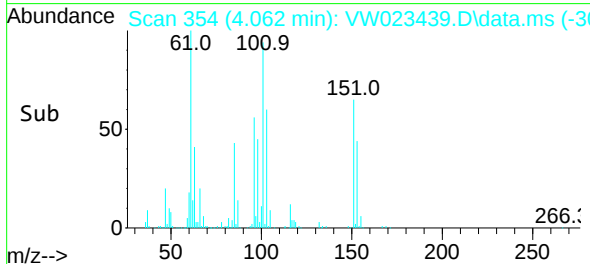
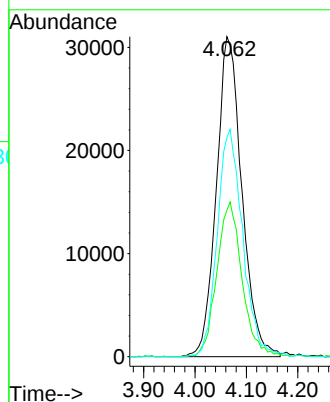
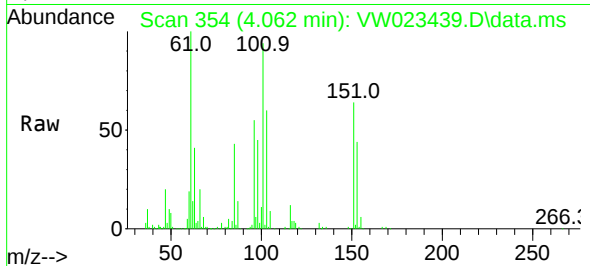




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.840 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW023439.D
 Acq: 10 Jun 2022 10:47

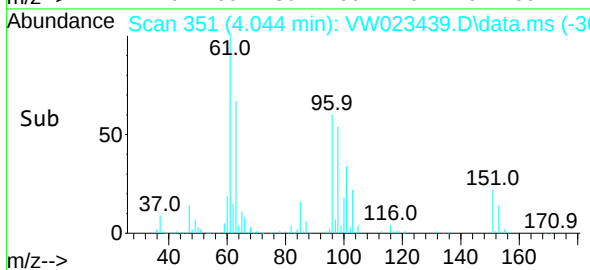
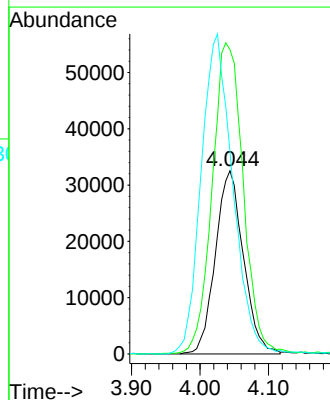
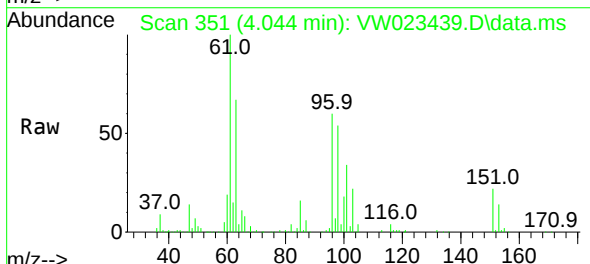
Instrument :
 MSVOA_W
 ClientSampleId :

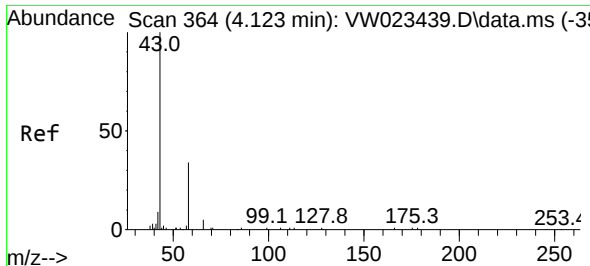
Tgt Ion:101 Resp: 107091
 Ion Ratio Lower Upper
 101 100
 85 47.6 34.3 51.5
 151 70.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.164 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023439.D
 Acq: 10 Jun 2022 10:47

Tgt Ion: 96 Resp: 92346
 Ion Ratio Lower Upper
 96 100
 61 166.1 125.7 233.5
 63 110.5 83.4 155.0

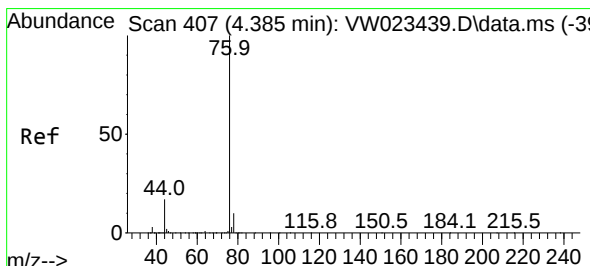
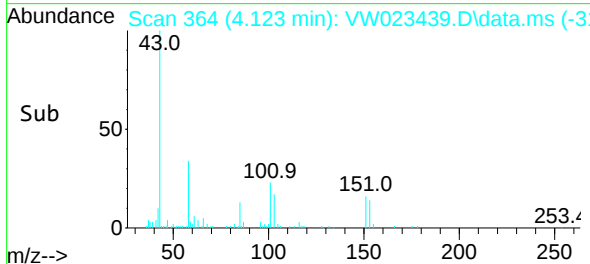
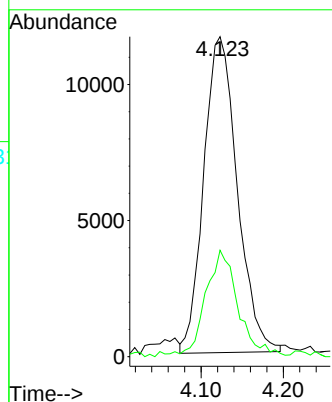
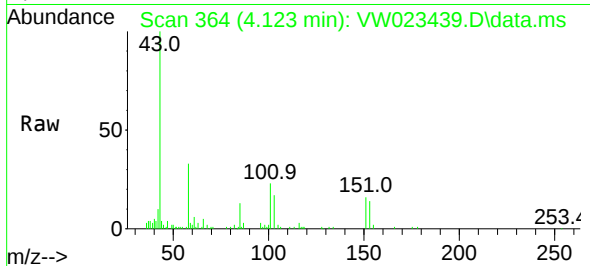




#13
Acetone
Concen: 43.964 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

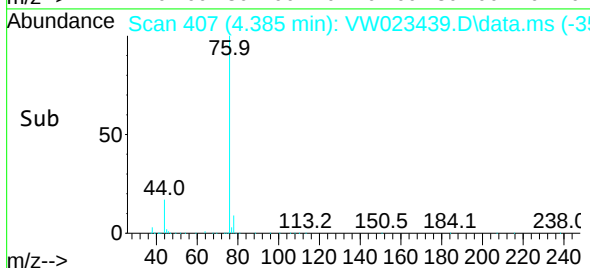
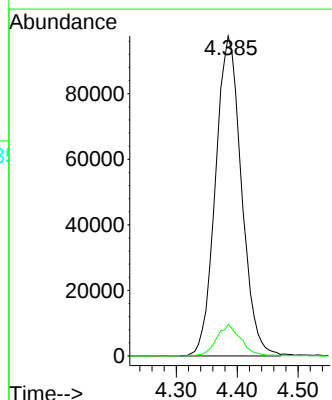
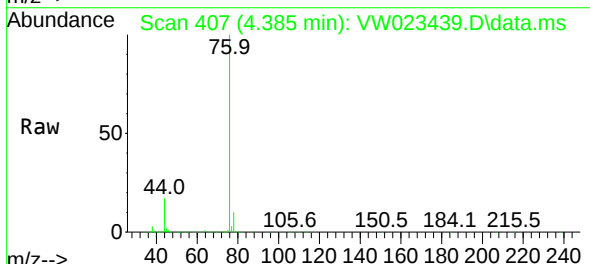
Instrument :
MSVOA_W
ClientSampleId :

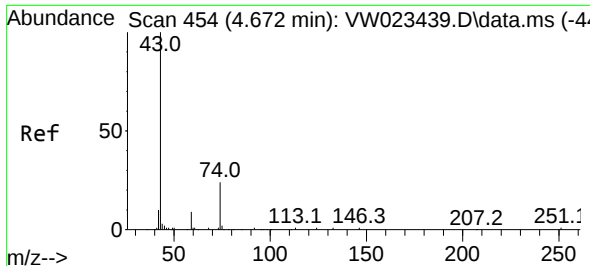
Tgt Ion: 43 Resp: 32949
Ion Ratio Lower Upper
43 100
58 30.4 0.0 64.0



#14
Carbon disulfide
Concen: 23.792 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion: 76 Resp: 289005
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5

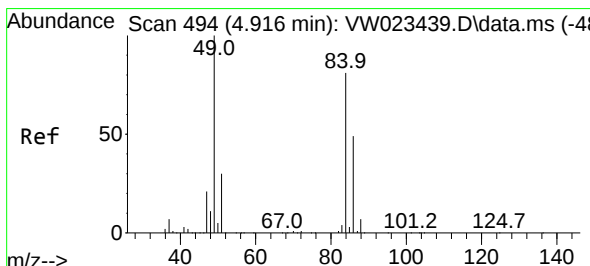
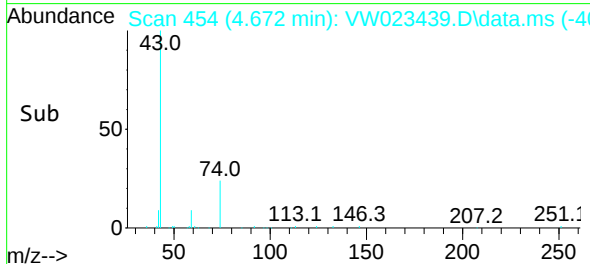
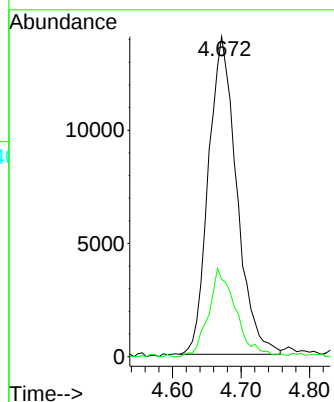
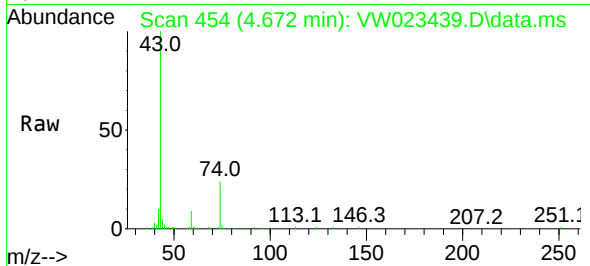




#15
Methyl Acetate
Concen: 23.993 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

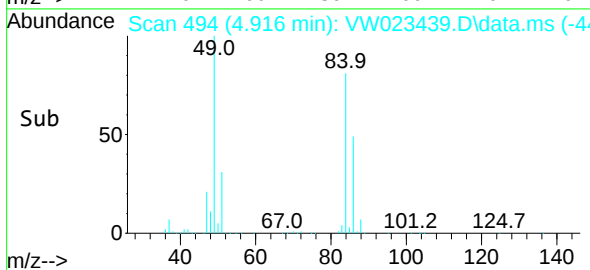
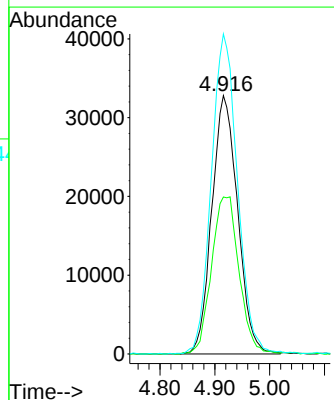
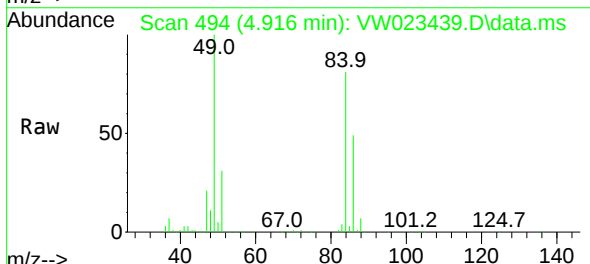
Instrument :
MSVOA_W
ClientSampleId :

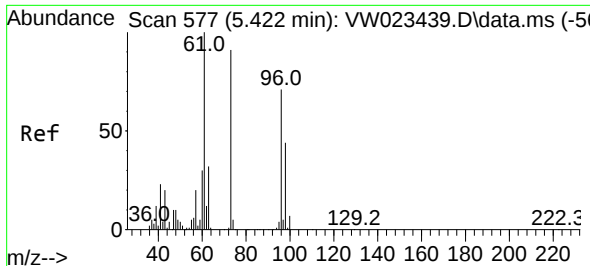
Tgt Ion: 43 Resp: 40183
Ion Ratio Lower Upper
43 100
74 25.3 21.9 32.9



#16
Methylene chloride
Concen: 22.128 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

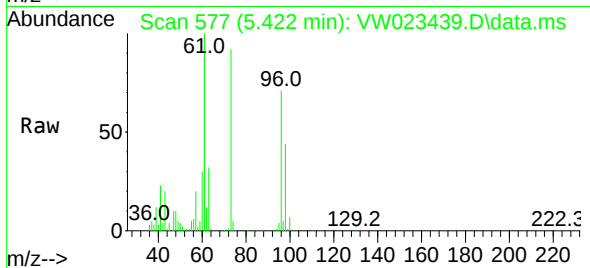
Tgt Ion: 84 Resp: 107410
Ion Ratio Lower Upper
84 100
86 60.8 45.4 84.4
49 123.9 82.5 153.1



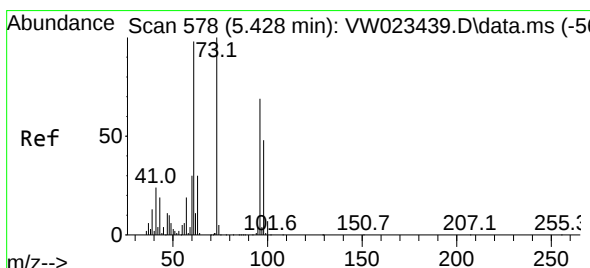
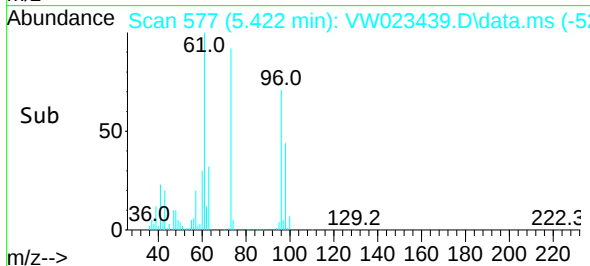
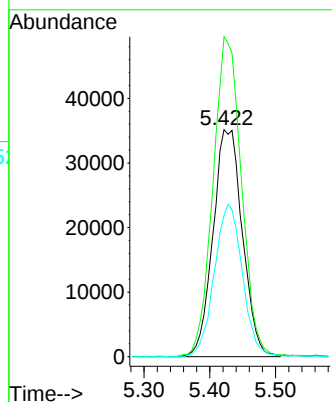


#17
trans-1,2-Dichloroethene
Concen: 24.060 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Instrument :
MSVOA_W
ClientSampleId :

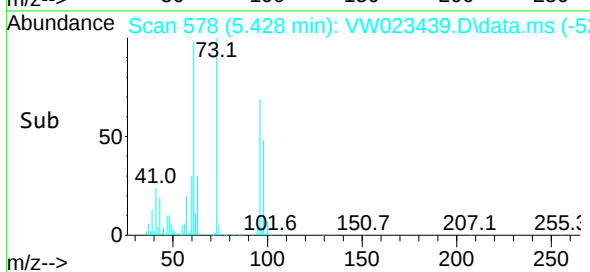
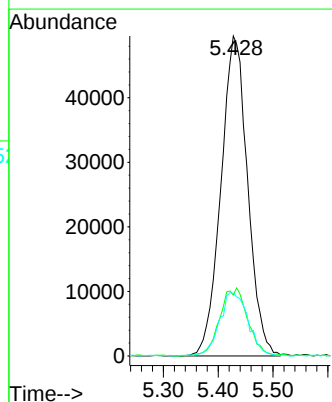
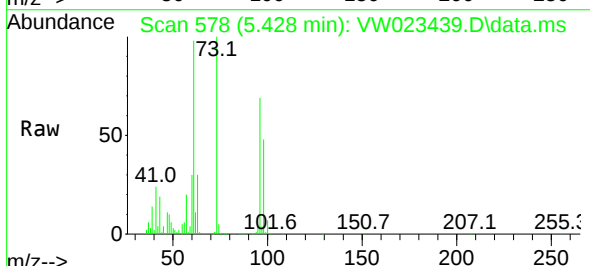


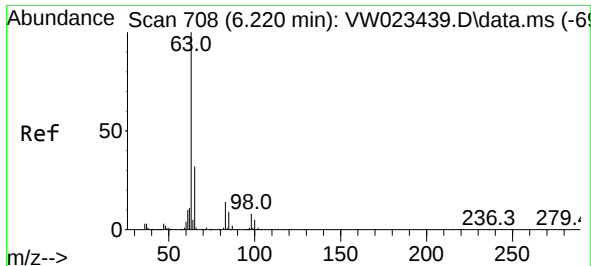
Tgt Ion: 96 Resp: 109230
Ion Ratio Lower Upper
96 100
61 140.9 92.2 171.2
98 62.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.164 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion: 73 Resp: 167762
Ion Ratio Lower Upper
73 100
43 11.8 15.9 23.9#
57 21.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.698 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

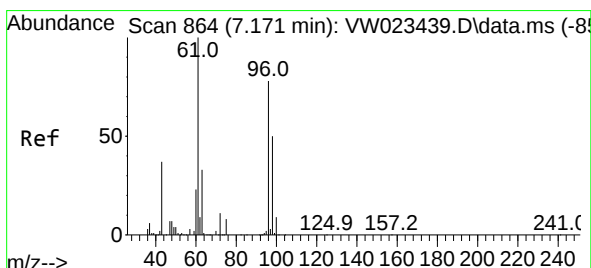
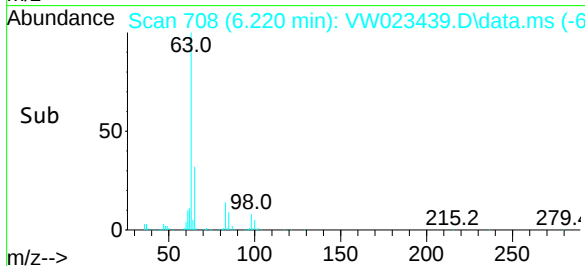
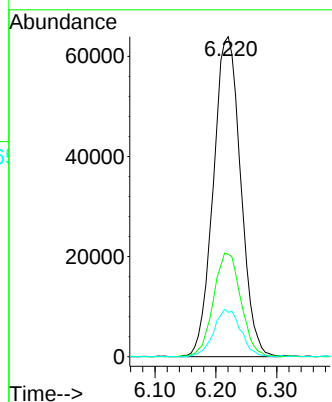
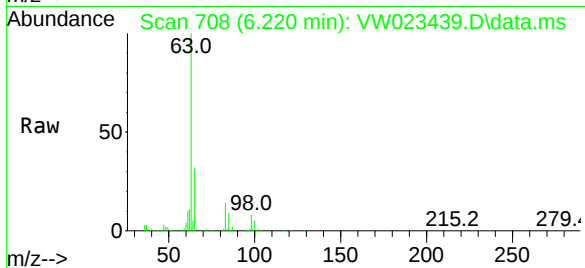
Tgt Ion: 63 Resp: 199301

Ion Ratio Lower Upper

63 100

65 32.0 23.3 43.3

83 13.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.984 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

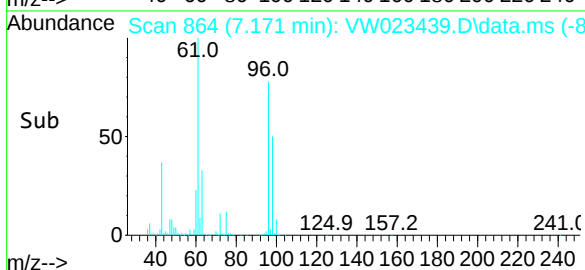
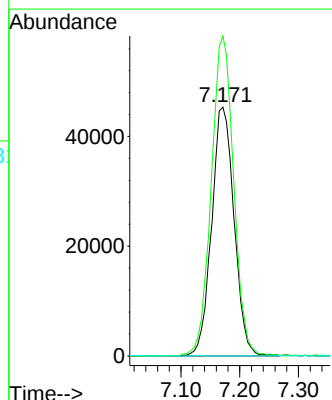
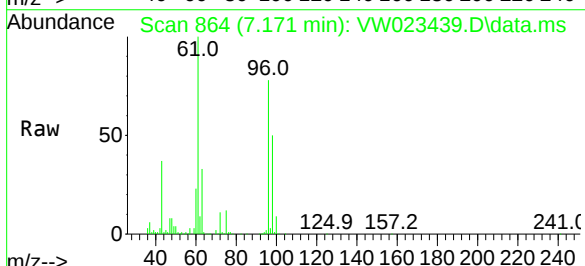
Tgt Ion: 96 Resp: 120230

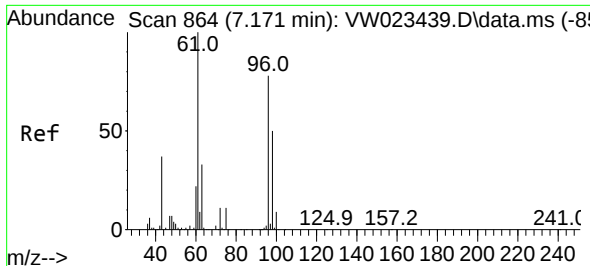
Ion Ratio Lower Upper

96 100

61 128.6 84.2 156.4

68 0.0 0.1 0.1#

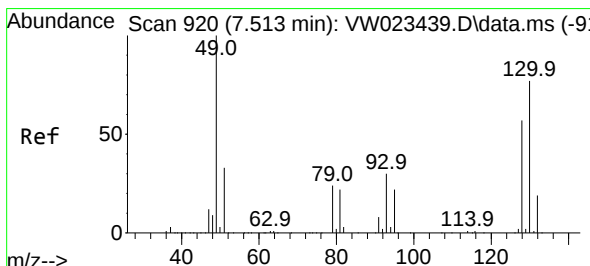
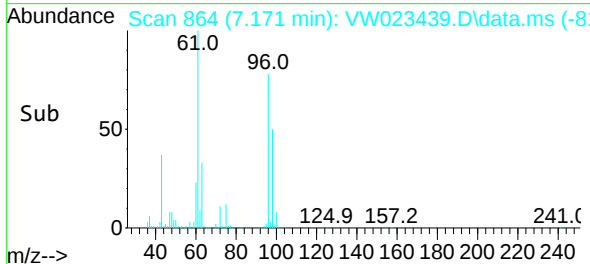
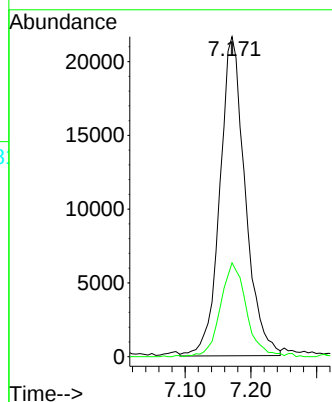
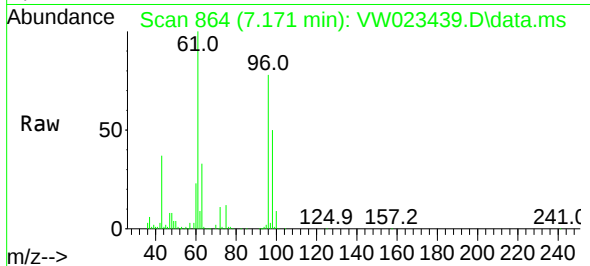




#22
2-Butanone
Concen: 52.020 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

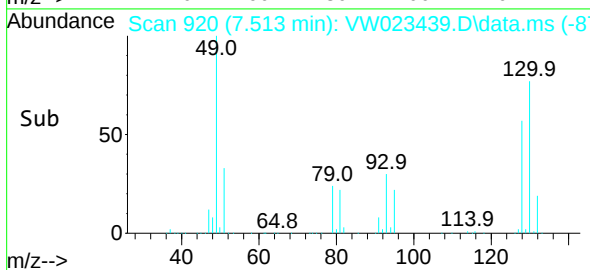
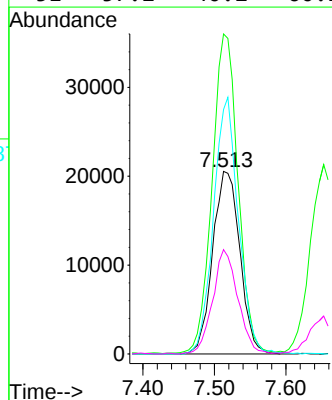
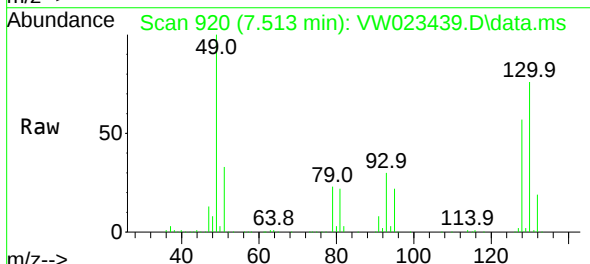
Instrument :
MSVOA_W
ClientSampleId :

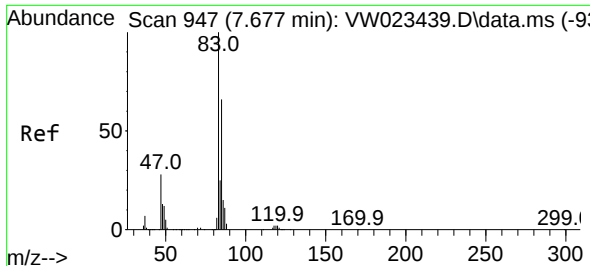
Tgt Ion: 43 Resp: 58064
Ion Ratio Lower Upper
43 100
72 29.9 15.1 45.3



#23
Bromochloromethane
Concen: 24.040 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion: 128 Resp: 54193
Ion Ratio Lower Upper
128 100
49 175.3 110.0 204.4
130 134.0 94.8 176.0
51 57.2 40.2 60.2

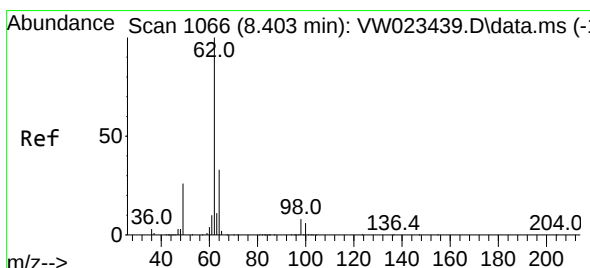
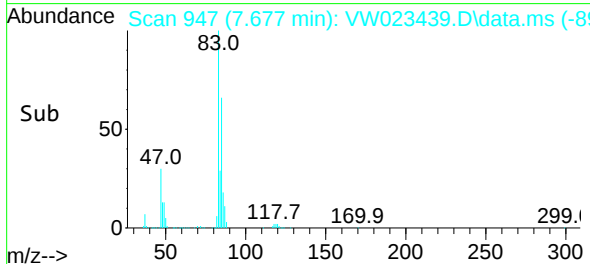
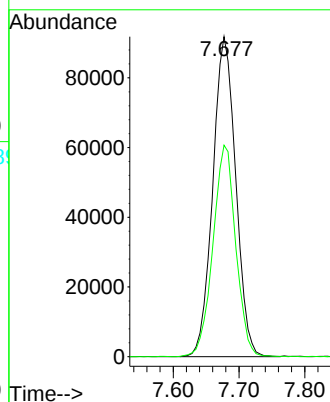
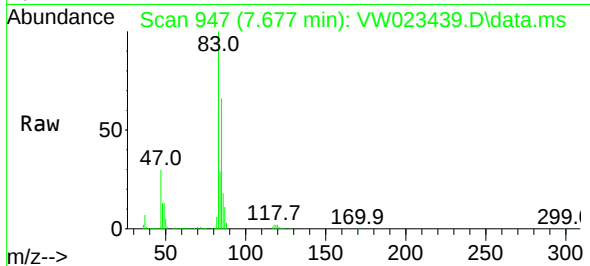




#25
Chloroform
Concen: 25.877 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

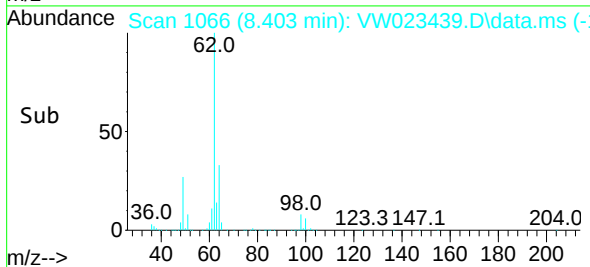
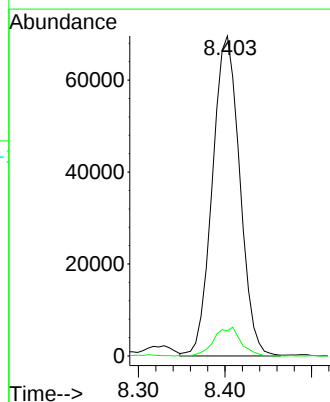
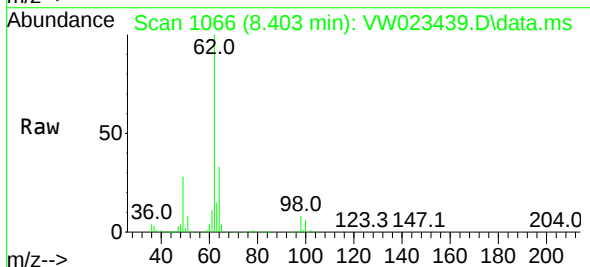
Instrument :
MSVOA_W
ClientSampleId :

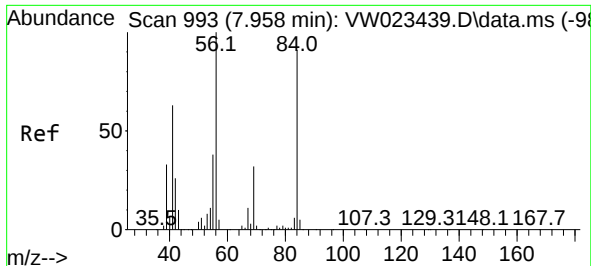
Tgt Ion: 83 Resp: 222800
Ion Ratio Lower Upper
83 100
85 66.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.765 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

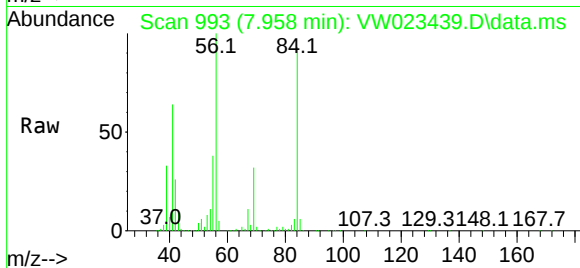
Tgt Ion: 62 Resp: 152564
Ion Ratio Lower Upper
62 100
98 7.8 7.2 10.8



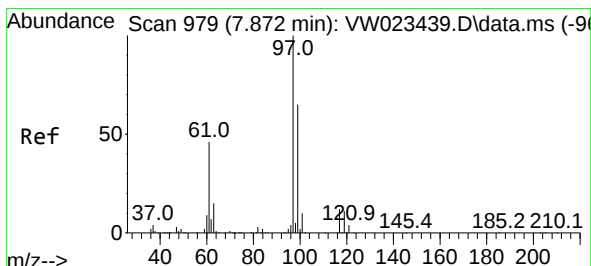
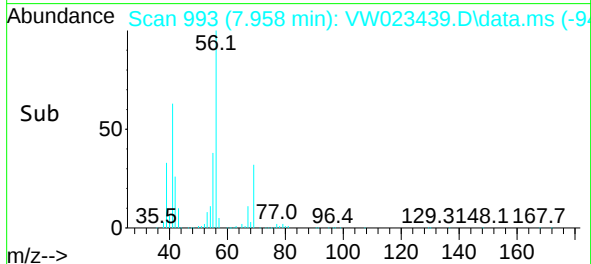
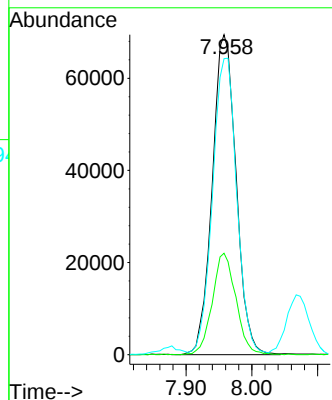


#29
Cyclohexane
Concen: 25.198 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Instrument :
MSVOA_W
ClientSampleId :

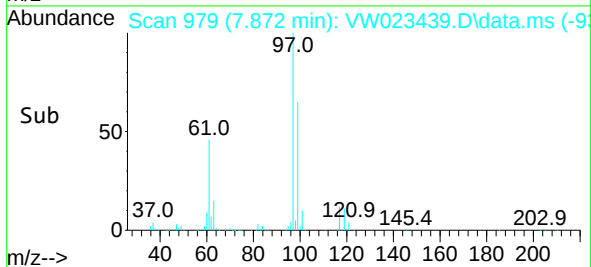
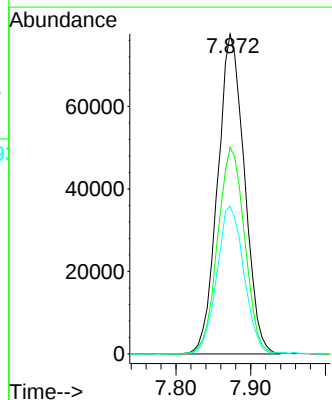
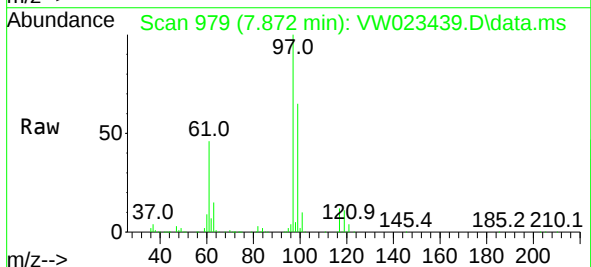


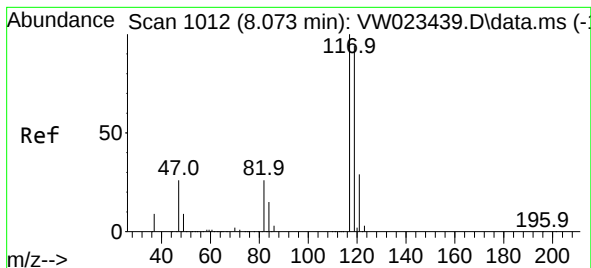
Tgt Ion: 56 Resp: 175437
Ion Ratio Lower Upper
56 100
69 31.3 25.6 38.4
84 94.1 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 24.700 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion: 97 Resp: 192642
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 46.7 34.8 52.2





#31

Carbon tetrachloride

Concen: 24.779 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

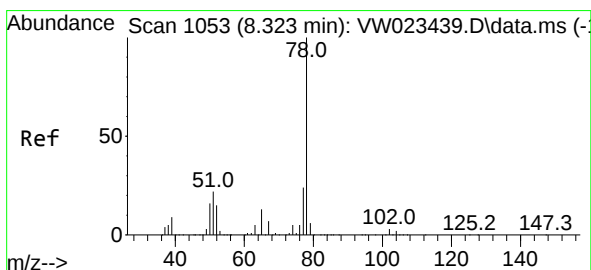
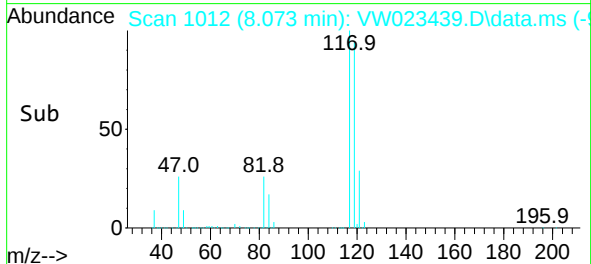
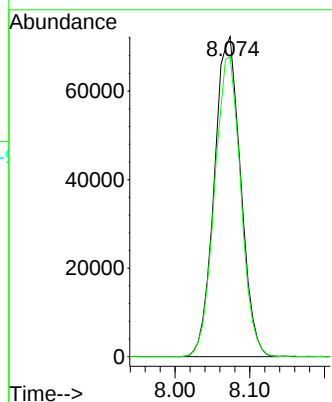
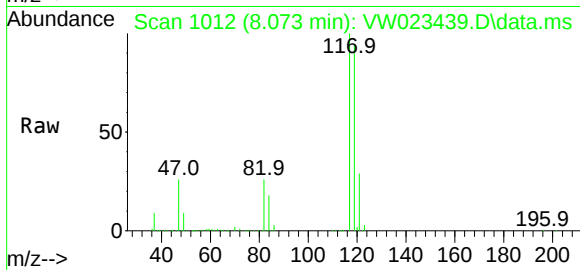
ClientSampleId :

Tgt Ion:117 Resp: 177250

Ion Ratio Lower Upper

117 100

119 93.1 76.6 115.0



#33

Benzene

Concen: 25.202 ug/L

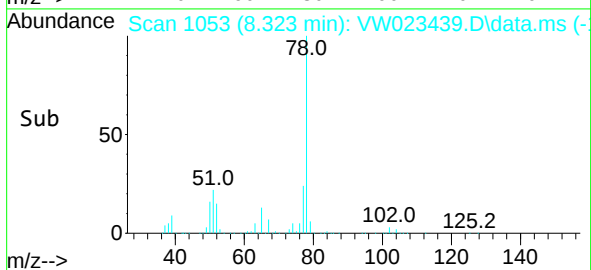
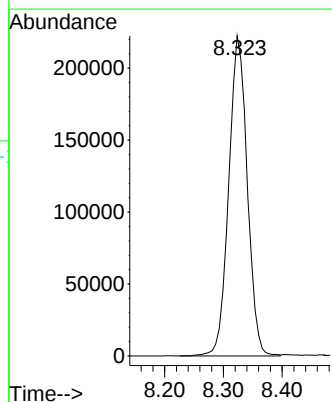
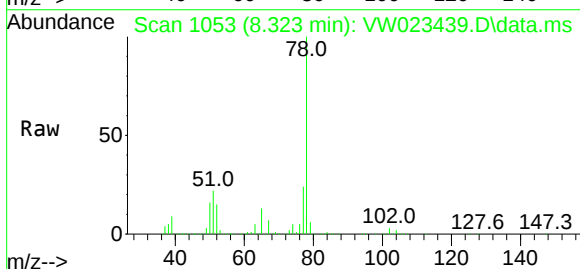
RT: 8.323 min Scan# 1053

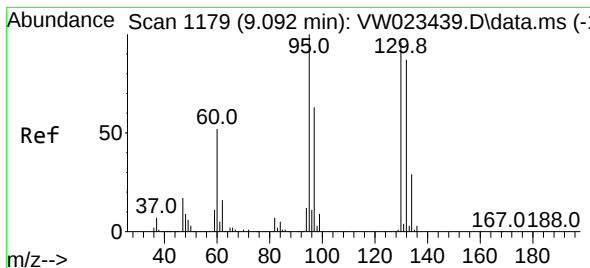
Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Tgt Ion: 78 Resp: 487717





#34

Trichloroethene

Concen: 24.311 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

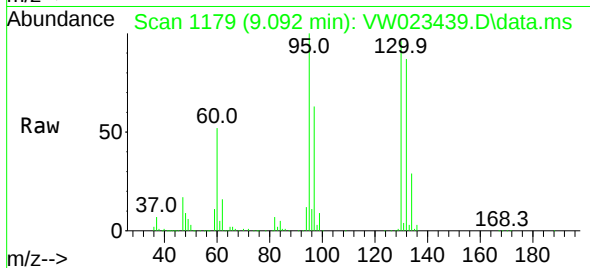
Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 127450

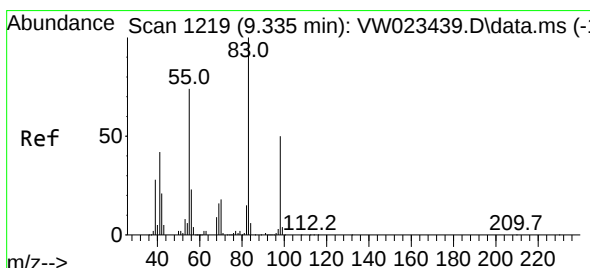
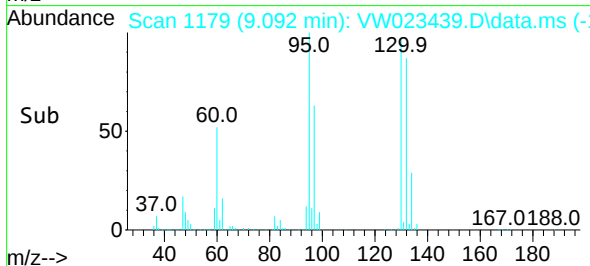
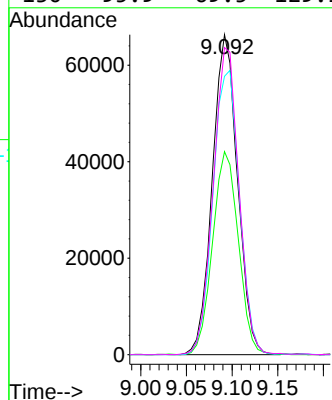
Ion Ratio Lower Upper

95 100

97 63.4 46.1 85.7

132 87.0 66.9 124.3

130 95.9 69.5 129.1



#35

Methylcyclohexane

Concen: 25.534 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

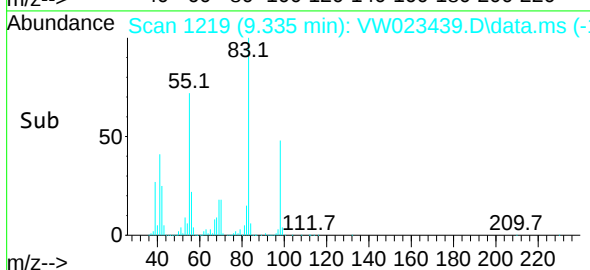
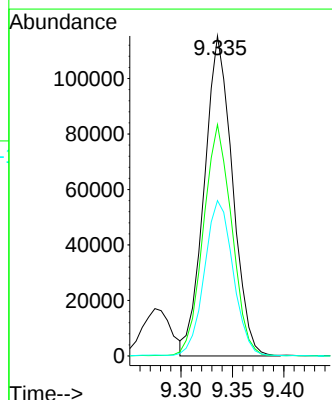
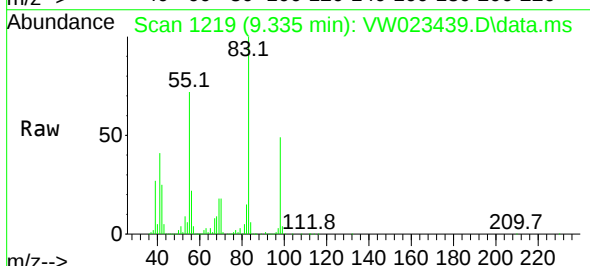
Tgt Ion: 83 Resp: 219782

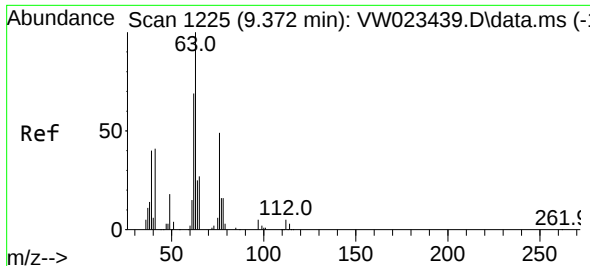
Ion Ratio Lower Upper

83 100

55 73.1 55.1 82.7

98 49.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.790 ug/L

RT: 9.372 min Scan# 117945

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

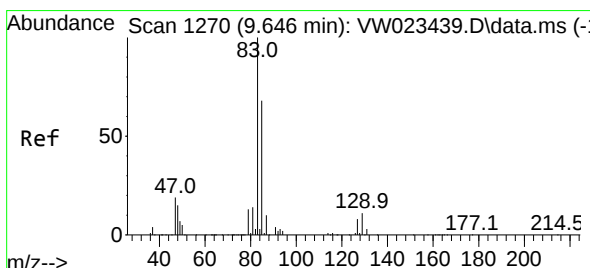
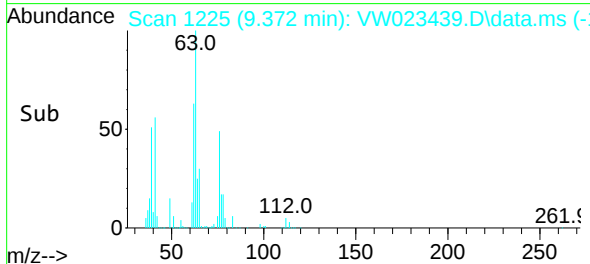
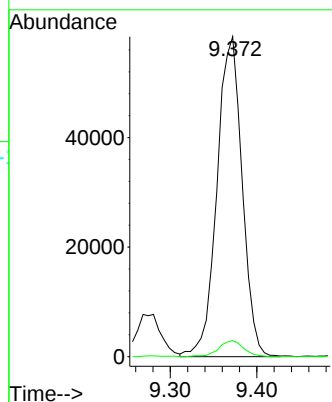
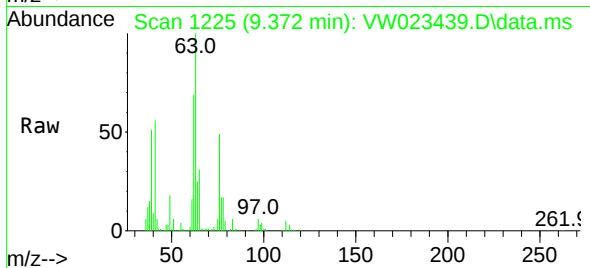
ClientSampleId :

Tgt Ion: 63 Resp: 117945

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.932 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

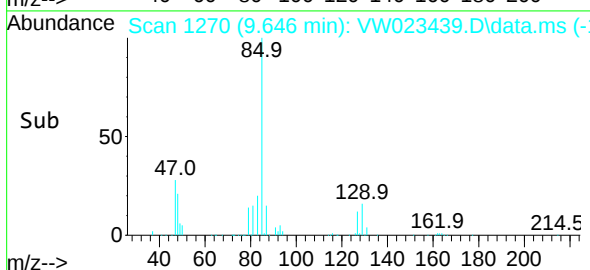
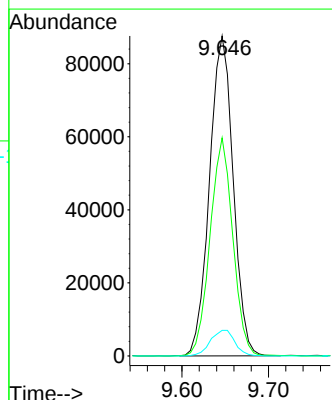
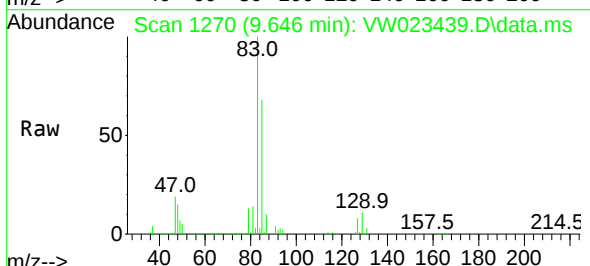
Tgt Ion: 83 Resp: 166269

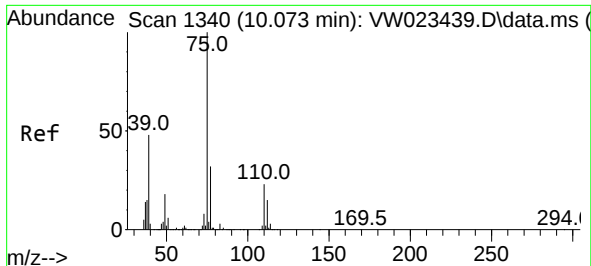
Ion Ratio Lower Upper

83 100

85 68.2 43.5 80.7

127 8.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.115 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

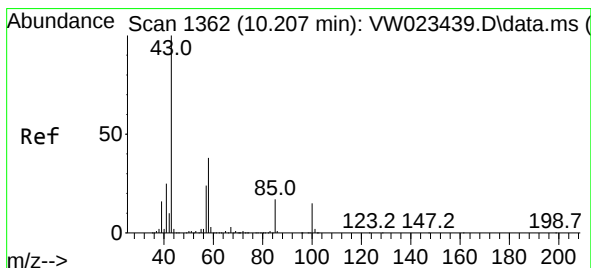
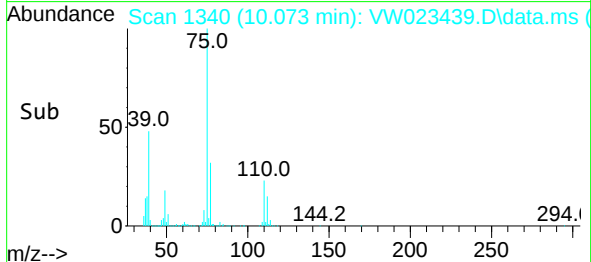
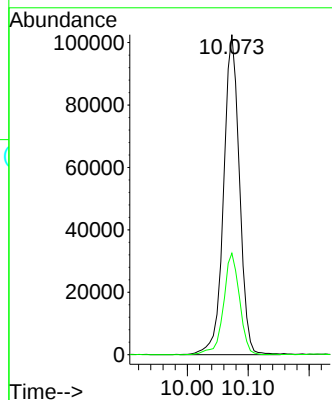
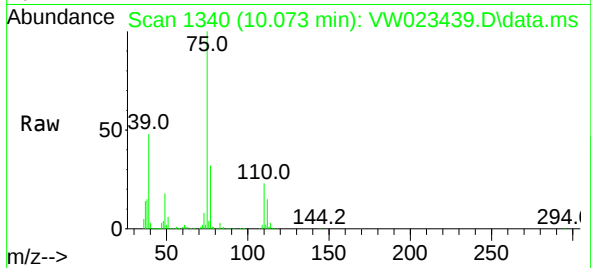
ClientSampleId :

Tgt Ion: 75 Resp: 185730

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.742 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

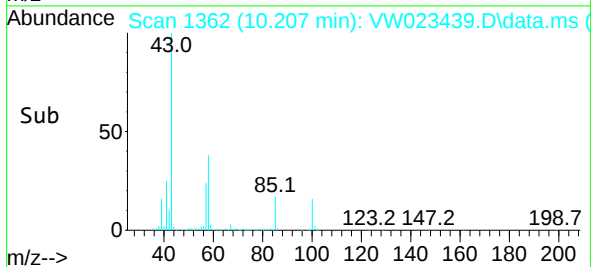
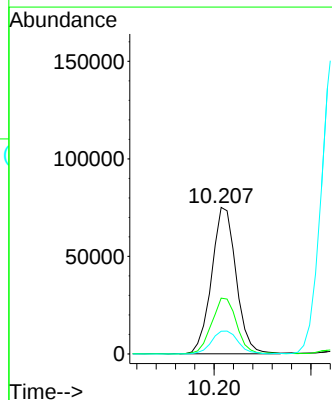
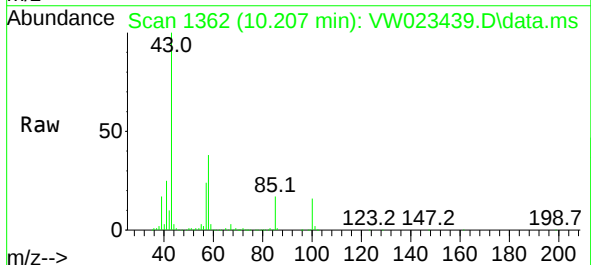
Tgt Ion: 43 Resp: 132287

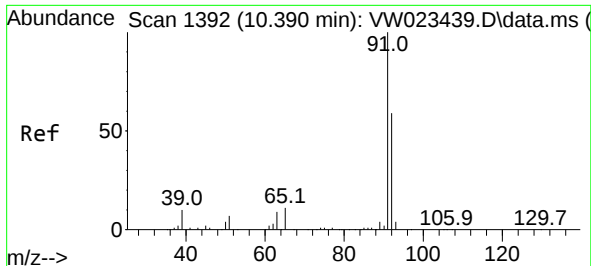
Ion Ratio Lower Upper

43 100

58 38.6 31.4 47.2

100 16.8 14.2 21.4





#42

Toluene

Concen: 25.706 ug/L

RT: 10.390 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

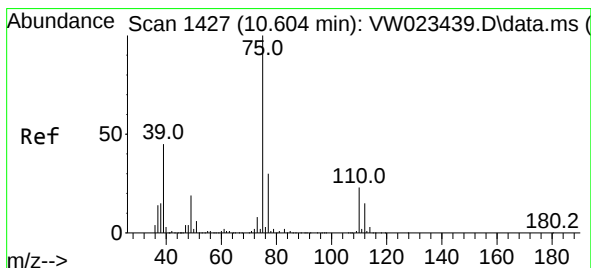
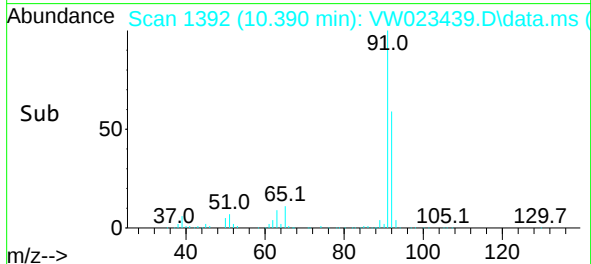
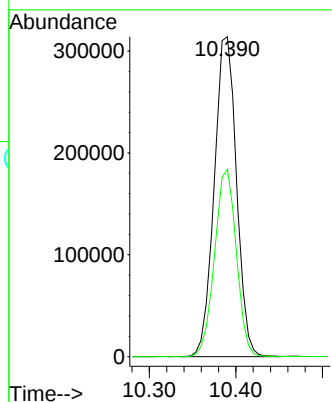
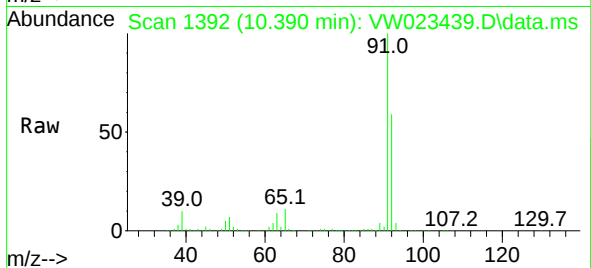
ClientSampleId :

Tgt Ion: 91 Resp: 560384

Ion Ratio Lower Upper

91 100

92 58.6 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 26.856 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023439.D

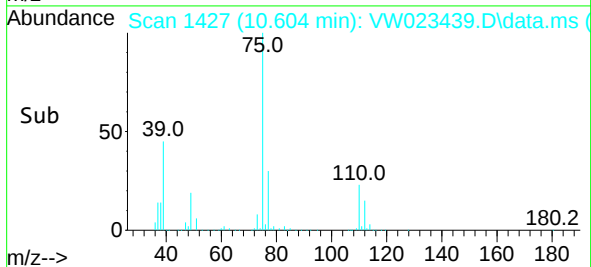
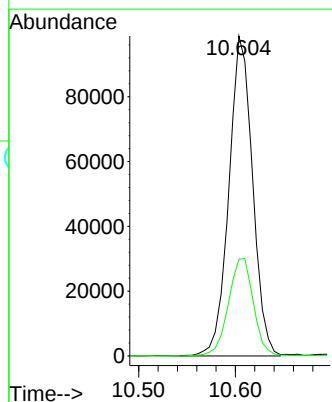
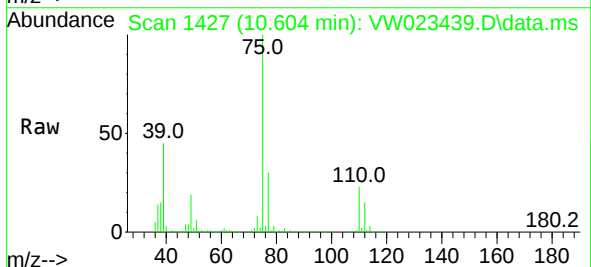
Acq: 10 Jun 2022 10:47

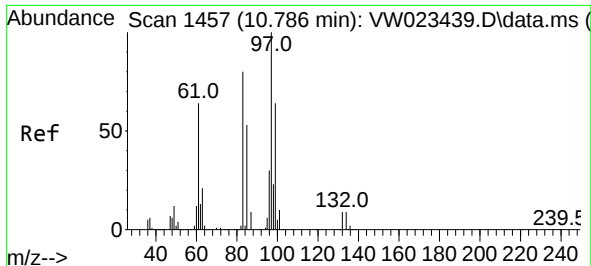
Tgt Ion: 75 Resp: 168028

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.012 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 95799

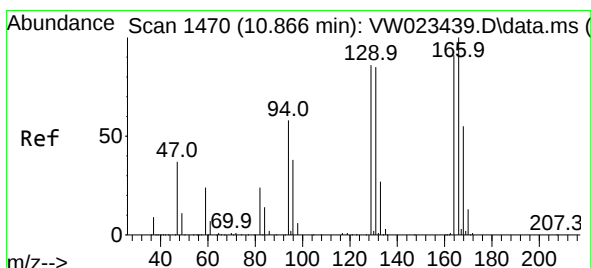
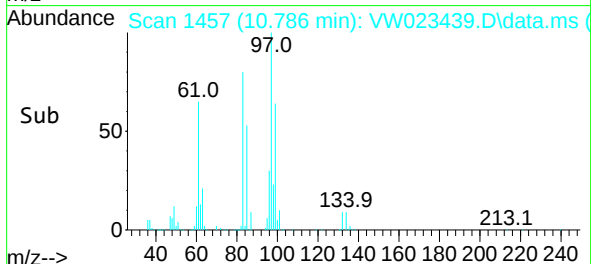
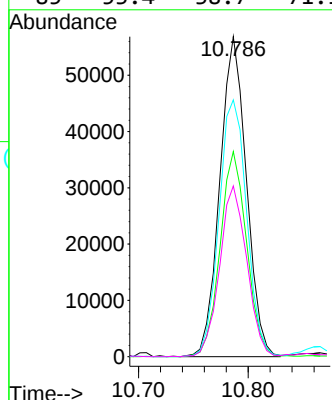
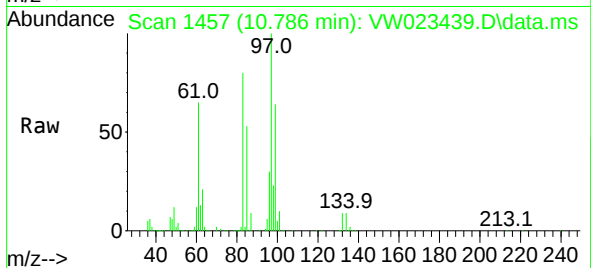
Ion Ratio Lower Upper

97 100

99 64.1 44.7 82.9

83 80.2 58.4 108.4

85 53.4 38.7 71.9



#46

Tetrachloroethene

Concen: 23.638 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Tgt Ion:164 Resp: 97542

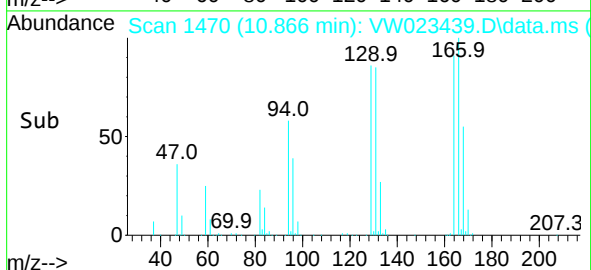
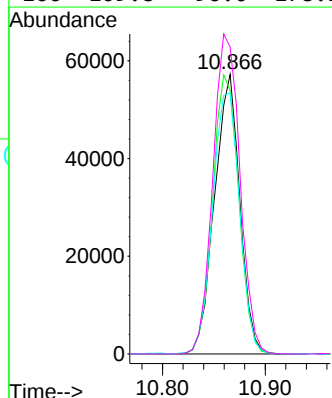
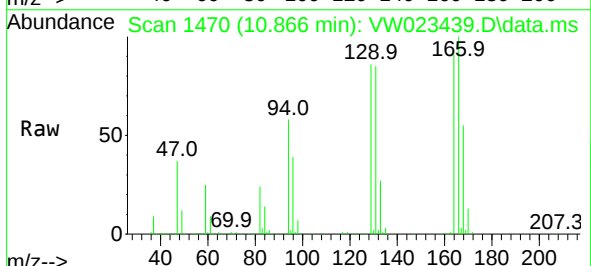
Ion Ratio Lower Upper

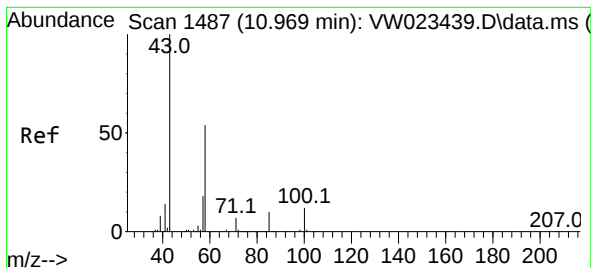
164 100

129 94.2 76.9 142.7

131 93.3 75.1 139.5

166 109.8 96.0 178.2

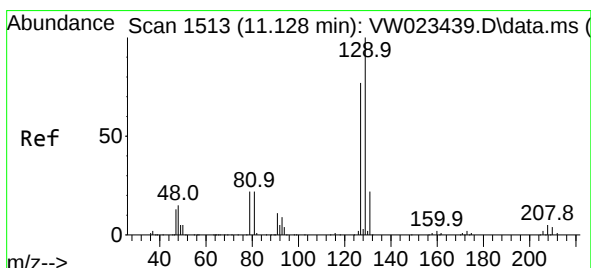
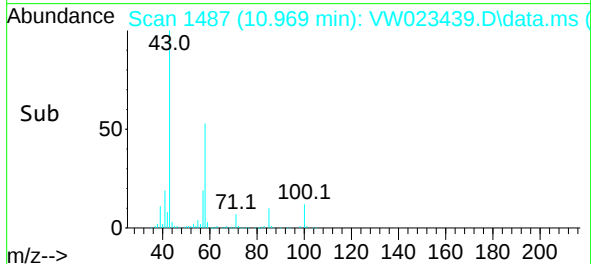
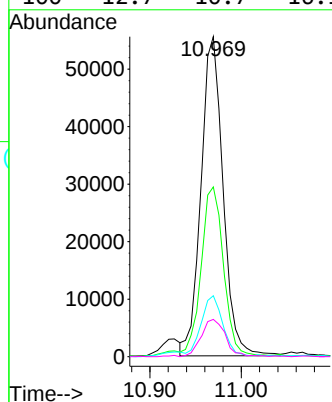
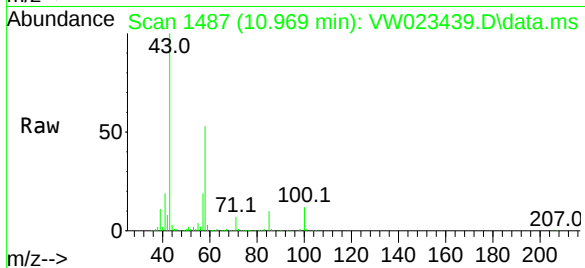




#48
2-Hexanone
Concen: 57.200 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

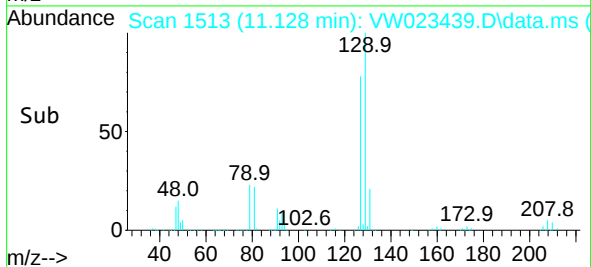
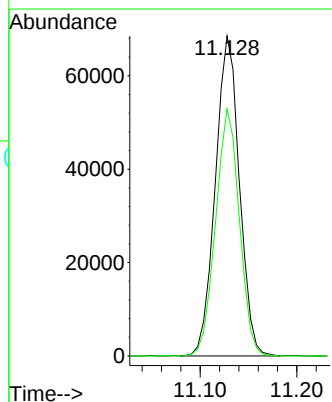
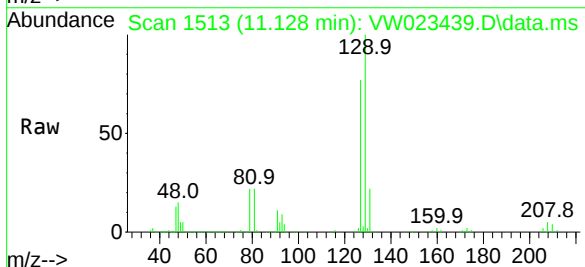
Instrument :
MSVOA_W
ClientSampleId :

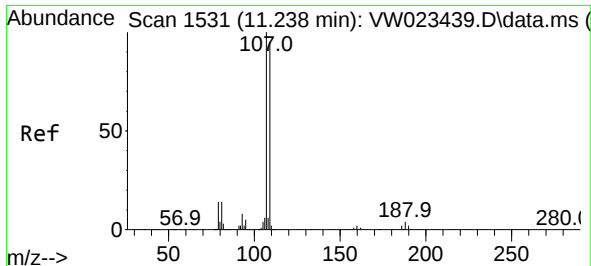
Tgt Ion: 43 Resp: 92997
Ion Ratio Lower Upper
43 100
58 54.3 45.9 68.9
57 18.8 16.2 24.2
100 12.7 10.7 16.1



#49
Dibromochloromethane
Concen: 26.426 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion: 129 Resp: 118108
Ion Ratio Lower Upper
129 100
127 77.2 53.8 100.0





#50

1,2-Dibromoethane

Concen: 25.241 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023439.D

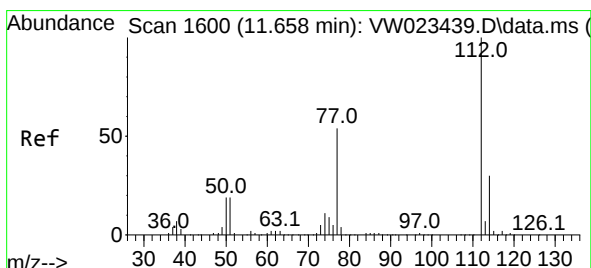
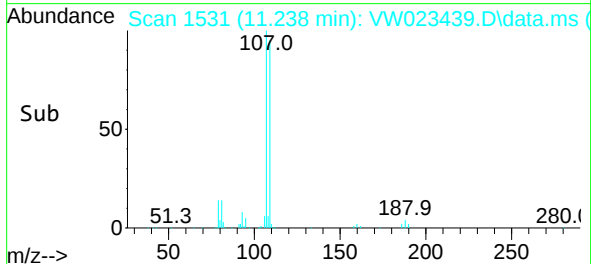
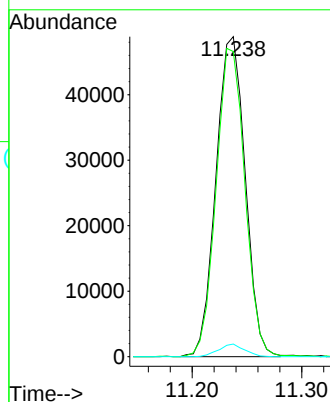
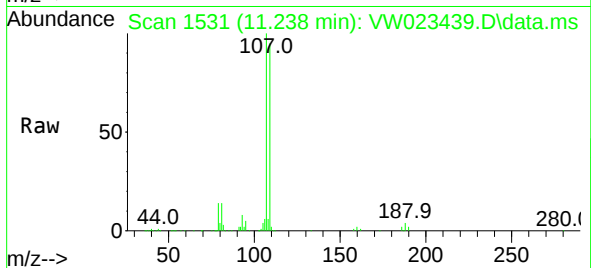
Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	90517
Ion	Ratio	Lower	Upper
107	100		
109	95.4	67.5	125.4
188	4.0	2.9	4.3



#51

Chlorobenzene

Concen: 25.540 ug/L

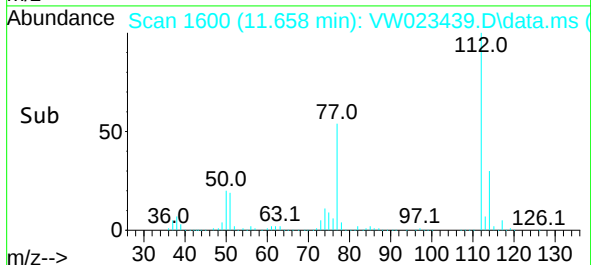
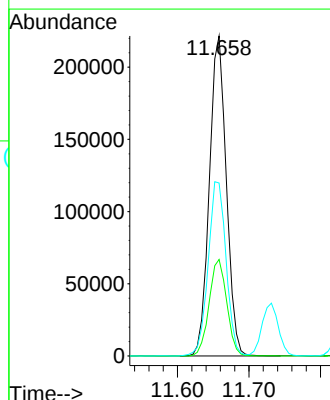
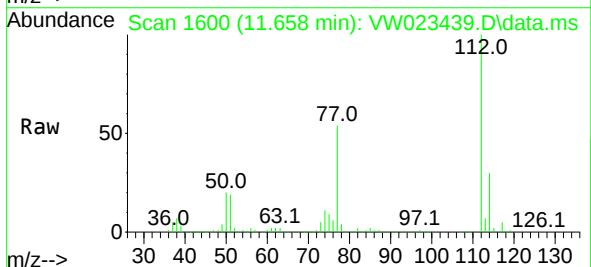
RT: 11.658 min Scan# 1600

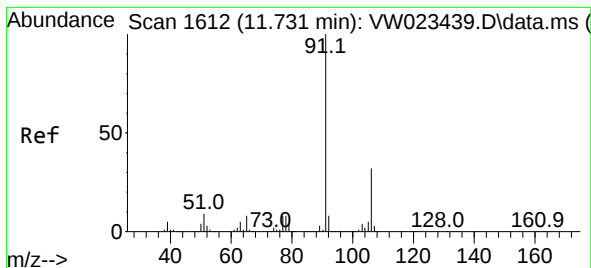
Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Tgt Ion:	112	Resp:	364854
Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.0	41.0
77	54.0	42.6	63.8

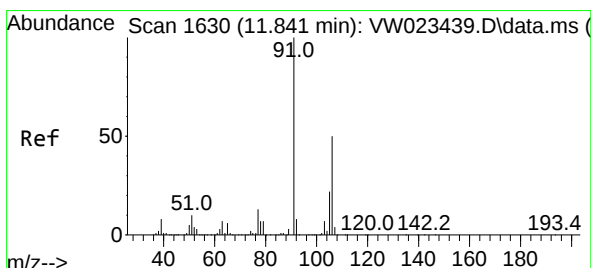
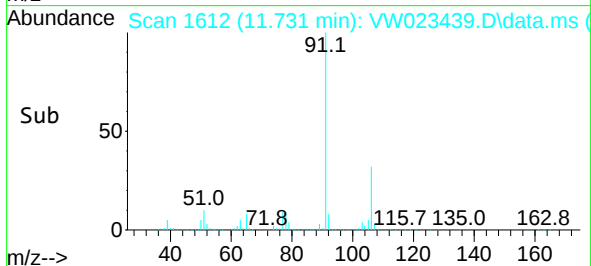
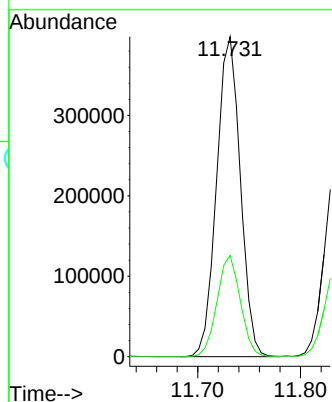
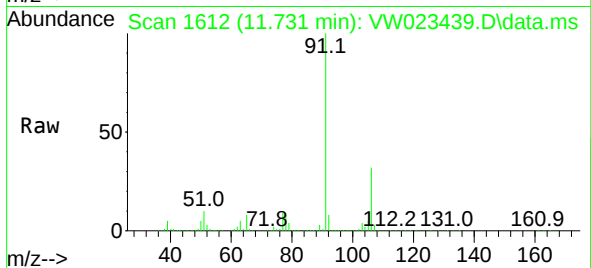




#52
Ethylbenzene
Concen: 26.457 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

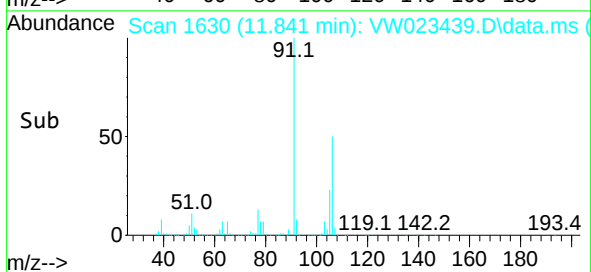
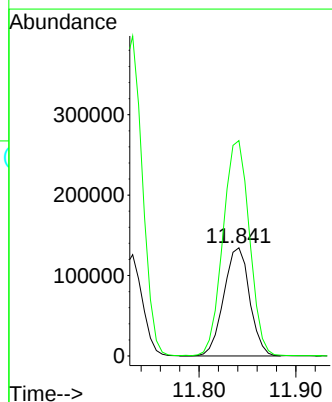
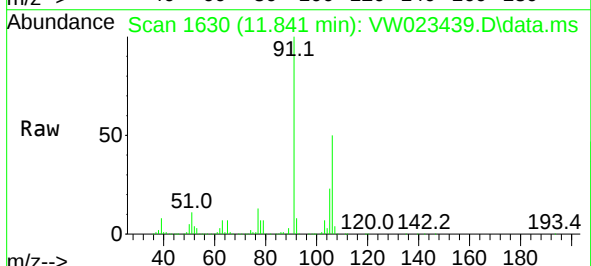
Instrument :
MSVOA_W
ClientSampleId :

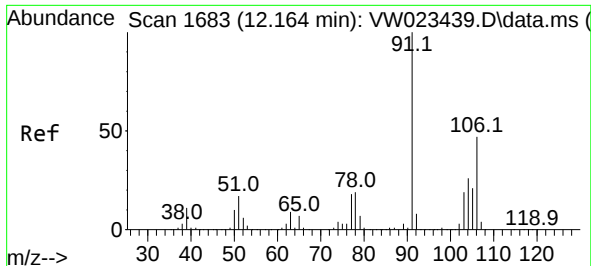
Tgt Ion: 91 Resp: 636612
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 26.868 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion: 106 Resp: 250330
Ion Ratio Lower Upper
106 100
91 199.1 136.8 254.0

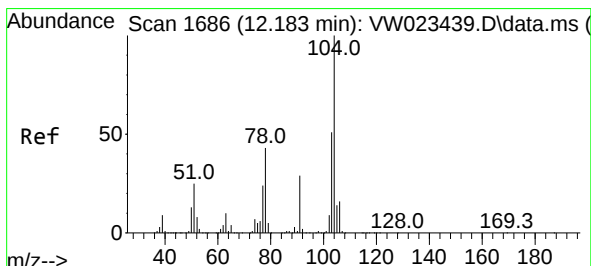
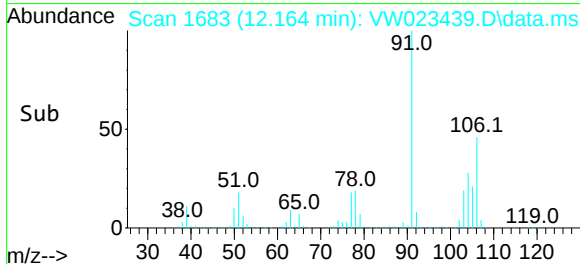
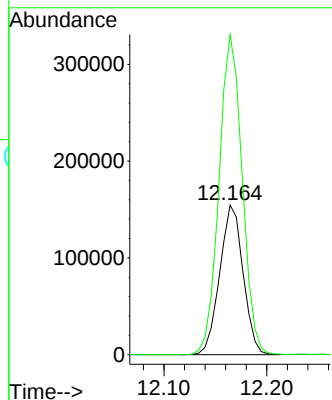
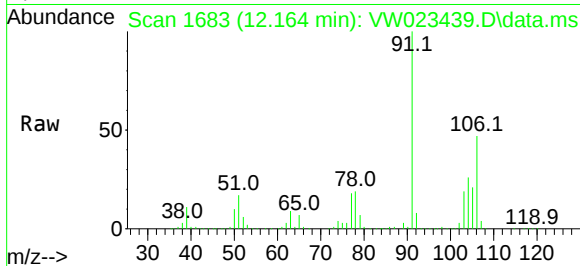




#54
o-Xylene
Concen: 27.194 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

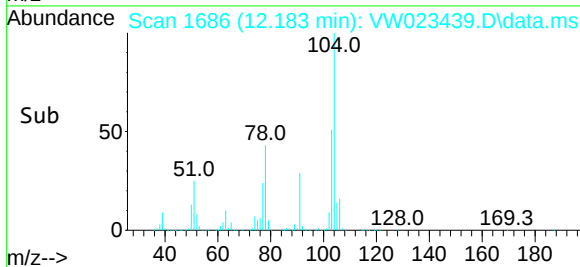
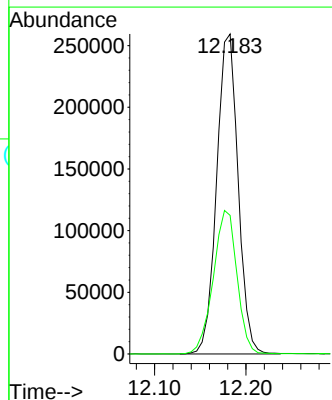
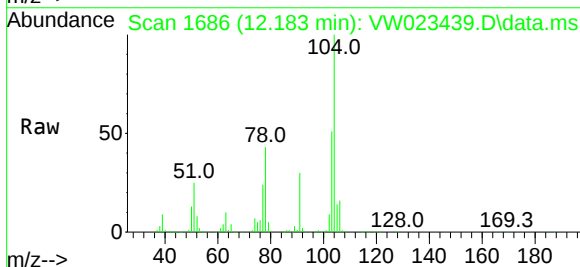
Instrument :
MSVOA_W
ClientSampleId :

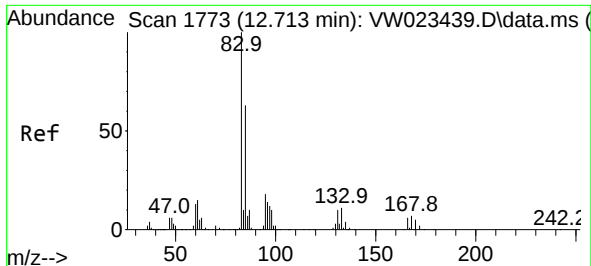
Tgt Ion:106 Resp: 243964
Ion Ratio Lower Upper
106 100
91 213.9 147.2 273.4



#55
Styrene
Concen: 27.315 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion:104 Resp: 423059
Ion Ratio Lower Upper
104 100
78 43.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.843 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

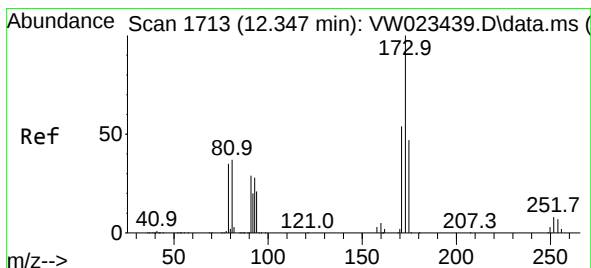
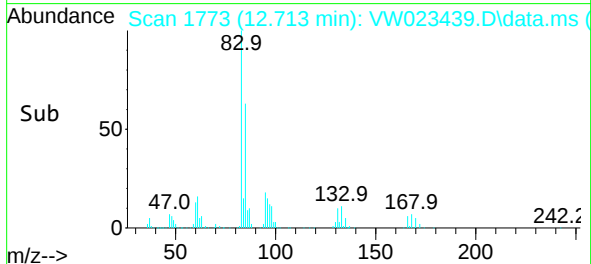
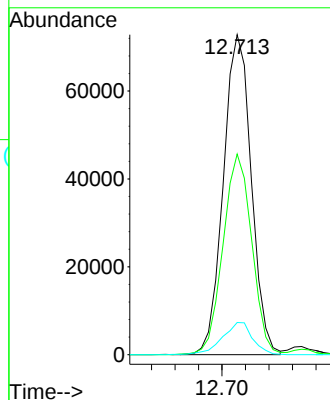
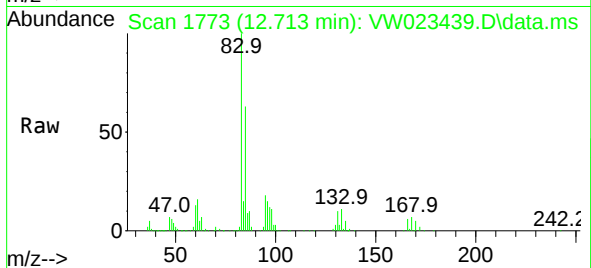
Tgt Ion: 83 Resp: 120523

Ion Ratio Lower Upper

83 100

85 62.7 47.5 88.1

131 10.1 8.7 13.1



#59

Bromoform

Concen: 24.505 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

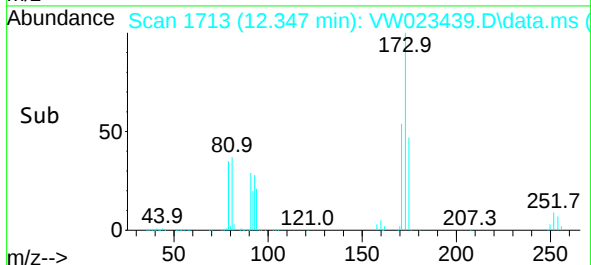
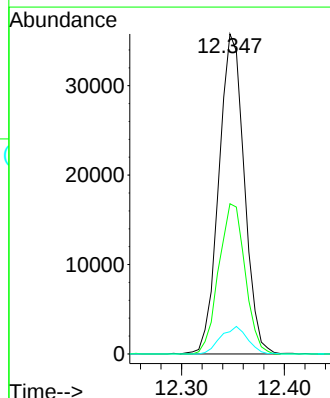
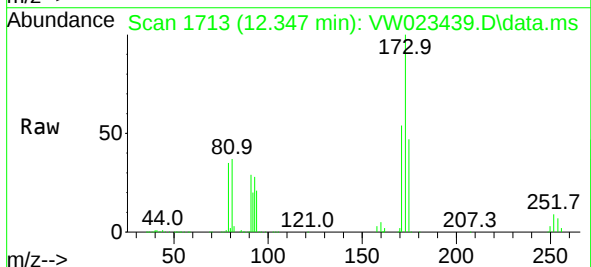
Tgt Ion: 173 Resp: 61369

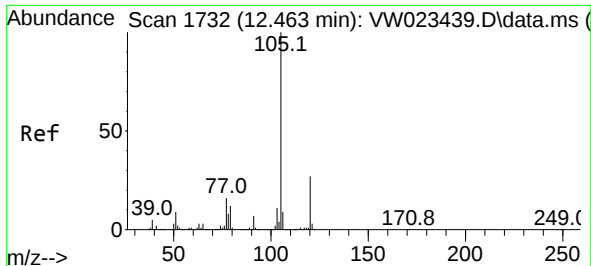
Ion Ratio Lower Upper

173 100

175 48.6 38.1 57.1

254 9.1 6.5 9.7

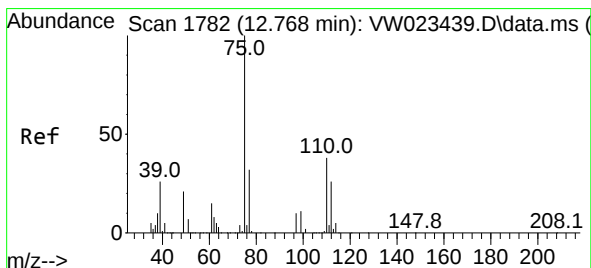
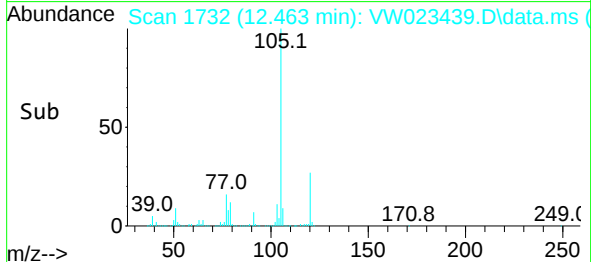
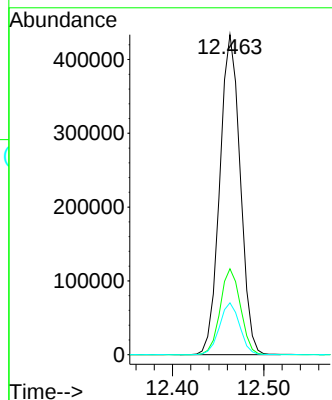
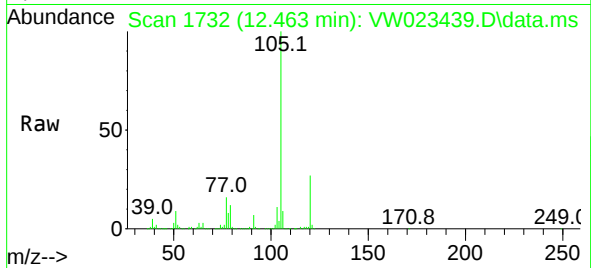




#60
Isopropylbenzene
Concen: 26.076 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

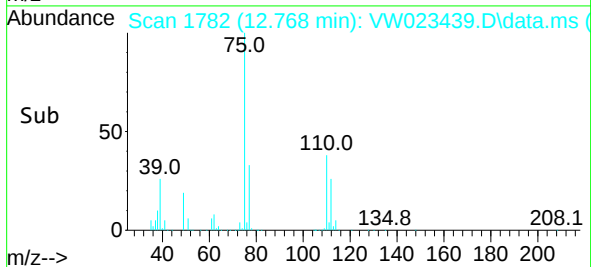
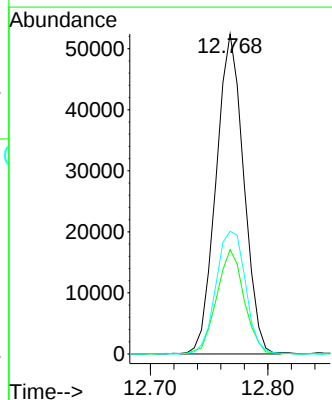
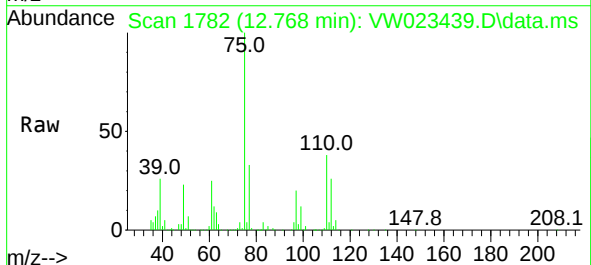
Instrument :
MSVOA_W
ClientSampleId :

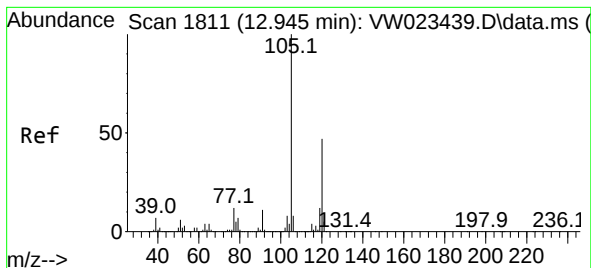
Tgt Ion:105 Resp: 674440
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.542 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion: 75 Resp: 85761
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 41.0 34.1 51.1

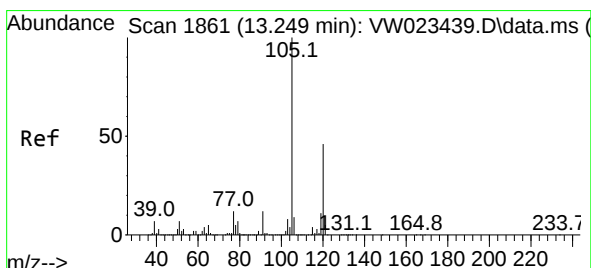
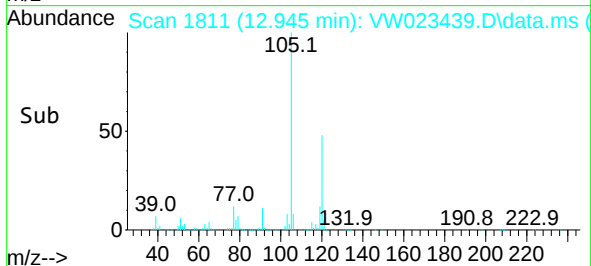
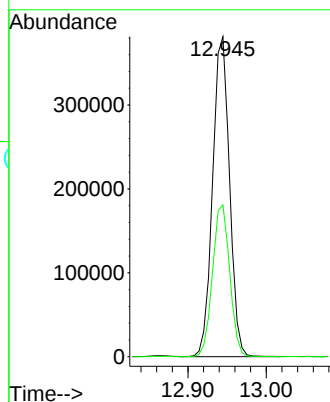
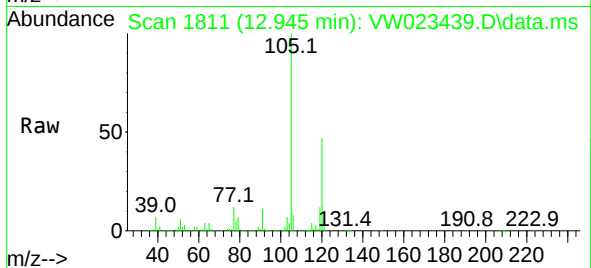




#62
1,3,5-Trimethylbenzene
Concen: 26.592 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

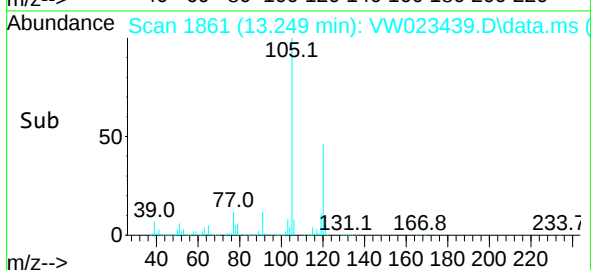
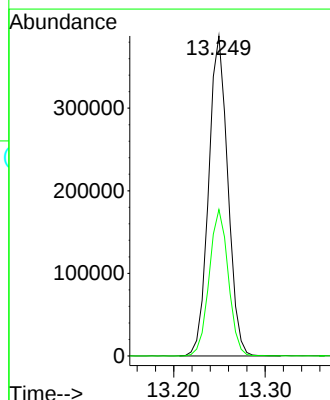
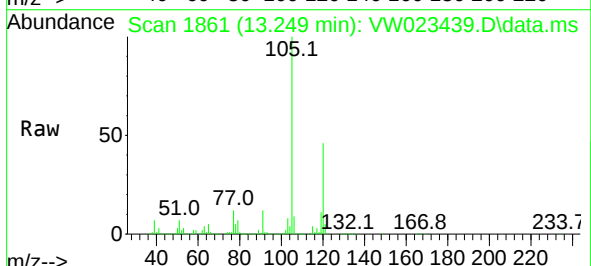
Instrument :
MSVOA_W
ClientSampleId :

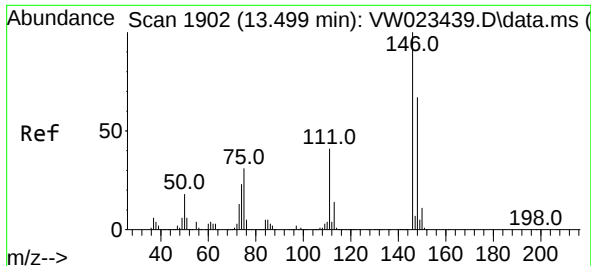
Tgt Ion:105 Resp: 571961
Ion Ratio Lower Upper
105 100
120 48.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 26.508 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion:105 Resp: 563745
Ion Ratio Lower Upper
105 100
120 45.6 37.4 56.2

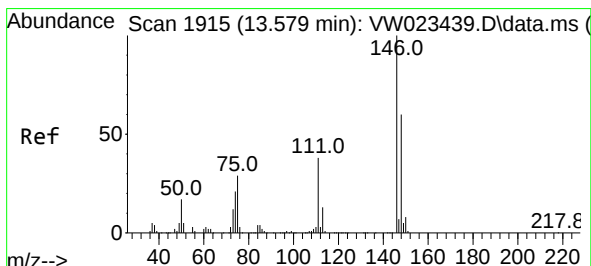
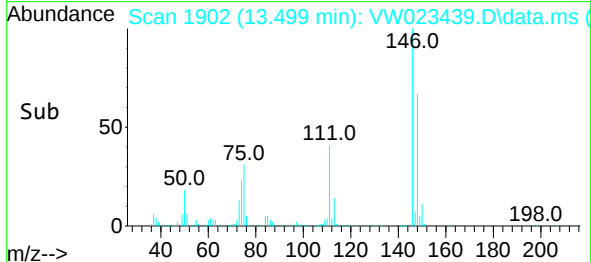
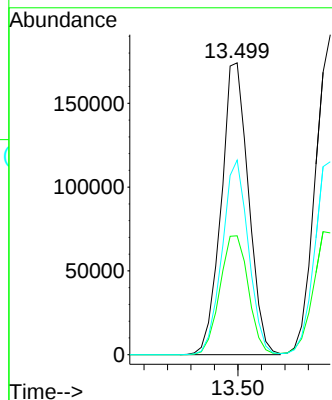
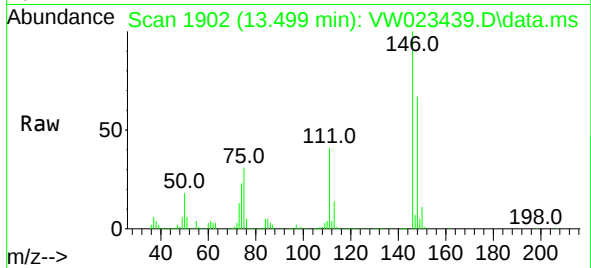




#64
1,3-Dichlorobenzene
Concen: 24.105 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

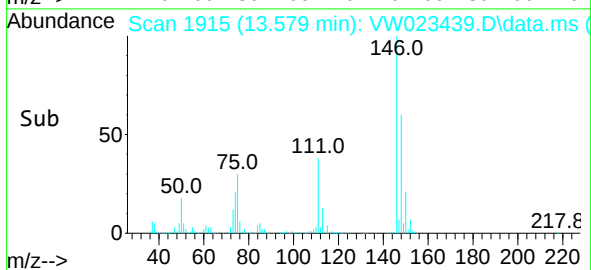
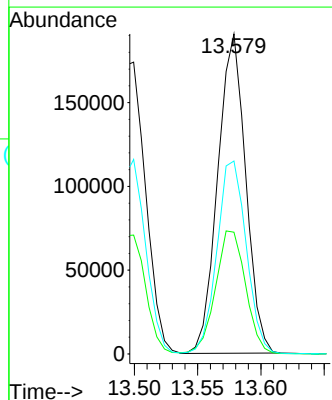
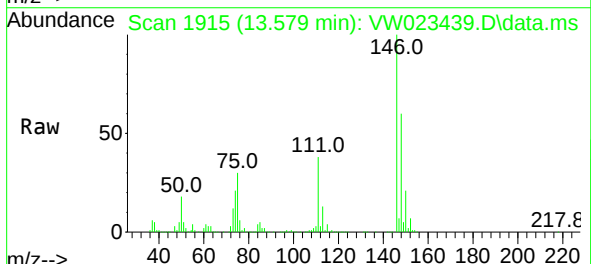
Instrument :
MSVOA_W
ClientSampleId :

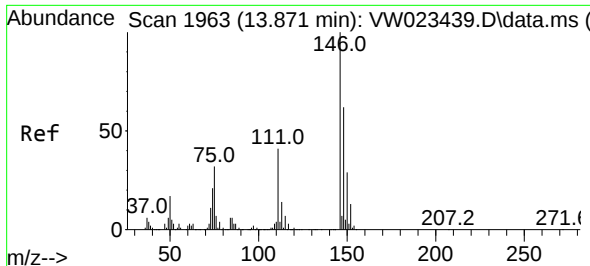
Tgt Ion:146 Resp: 281348
Ion Ratio Lower Upper
146 100
111 40.7 29.5 54.9
148 66.6 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.405 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion:146 Resp: 292809
Ion Ratio Lower Upper
146 100
111 38.0 27.2 50.4
148 60.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.157 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

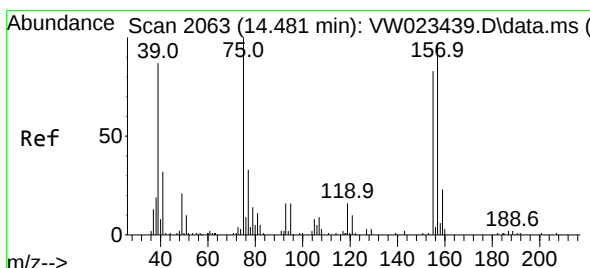
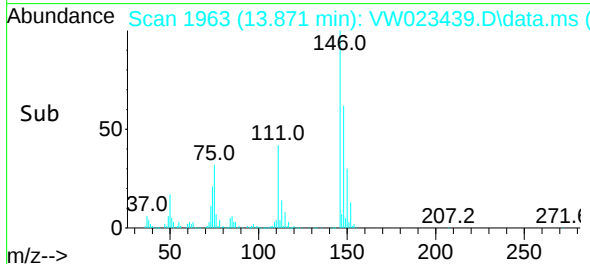
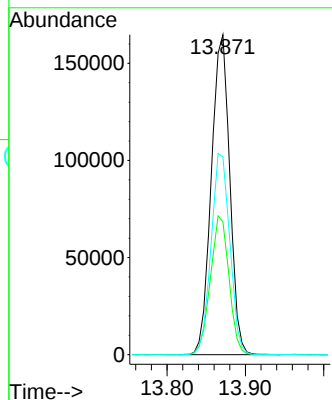
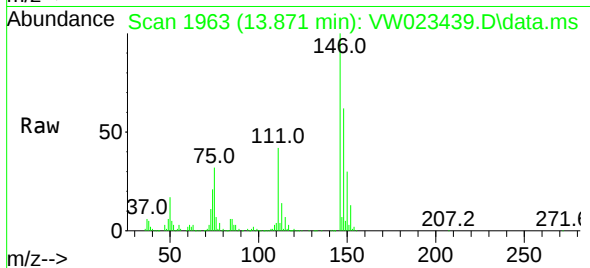
Tgt Ion:146 Resp: 269191

Ion Ratio Lower Upper

146 100

111 41.5 35.7 53.5

148 61.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.531 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

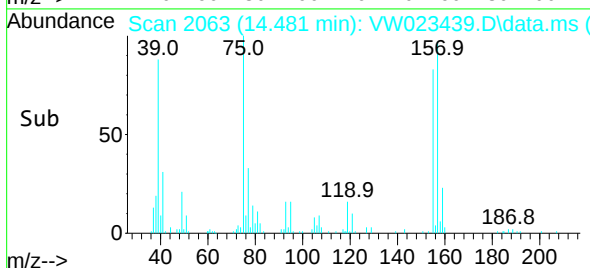
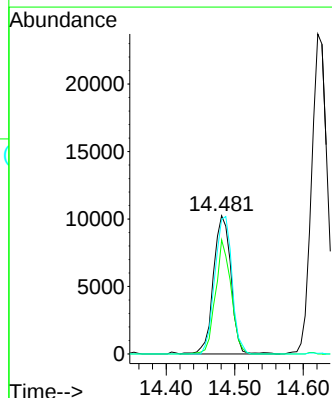
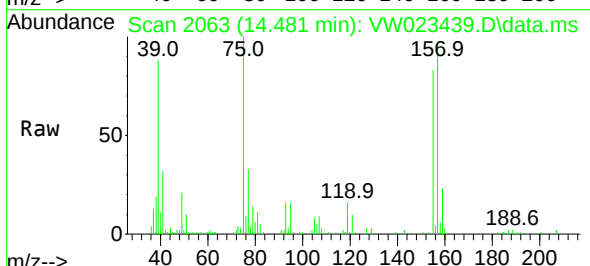
Tgt Ion: 75 Resp: 18180

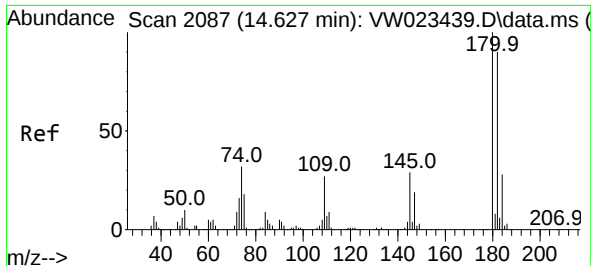
Ion Ratio Lower Upper

75 100

155 82.6 59.3 88.9

157 97.5 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 25.000 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

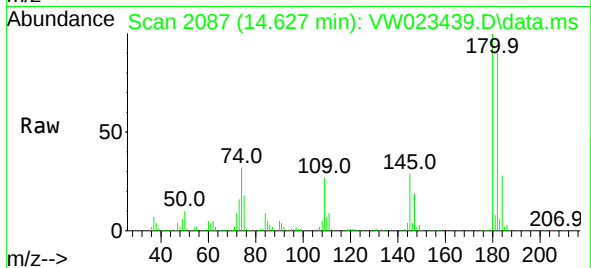
Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 193938

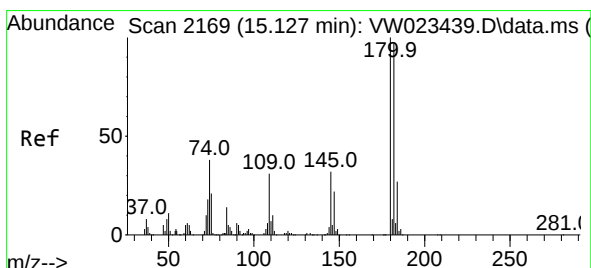
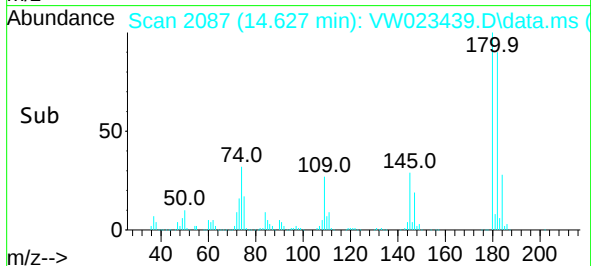
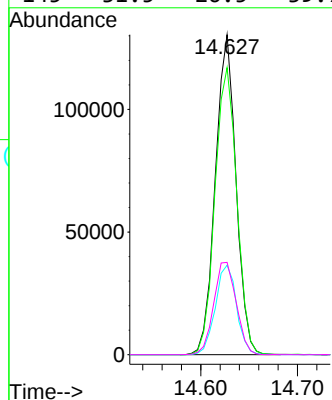
Ion Ratio Lower Upper

180 100

182 94.4 74.8 112.2

184 28.7 23.4 35.2

145 31.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.873 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023439.D

Acq: 10 Jun 2022 10:47

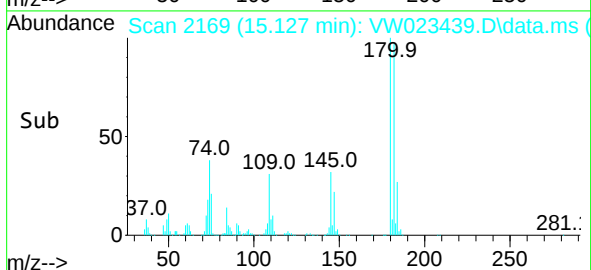
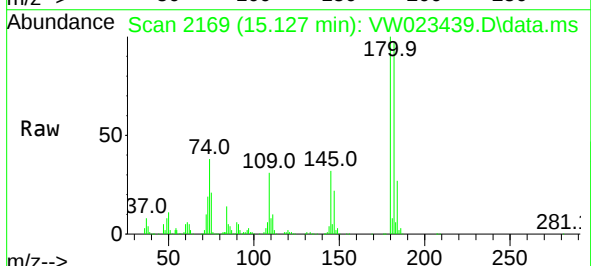
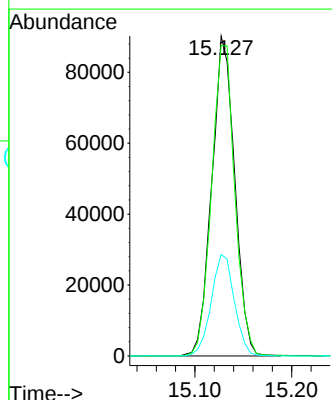
Tgt Ion:180 Resp: 148487

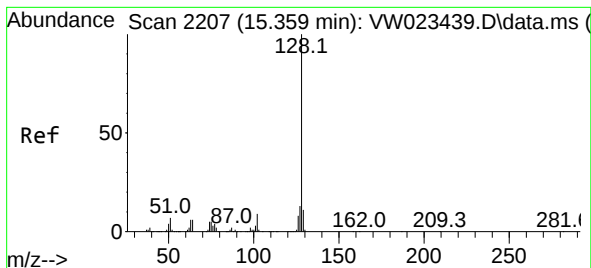
Ion Ratio Lower Upper

180 100

182 98.4 74.9 112.3

145 32.0 26.6 39.8

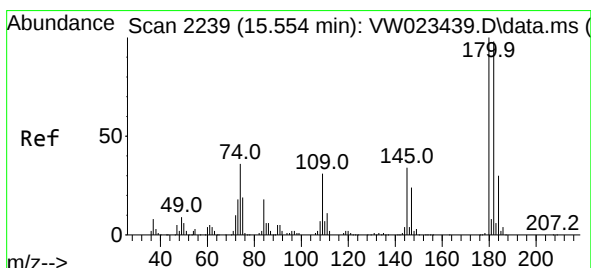
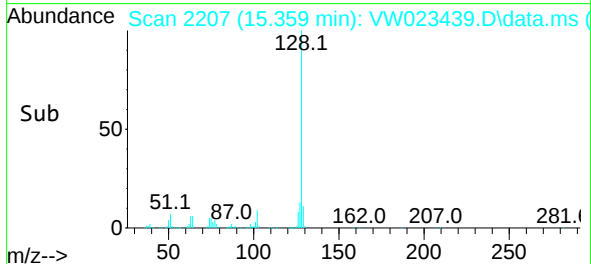
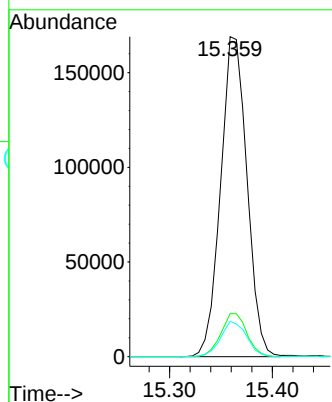
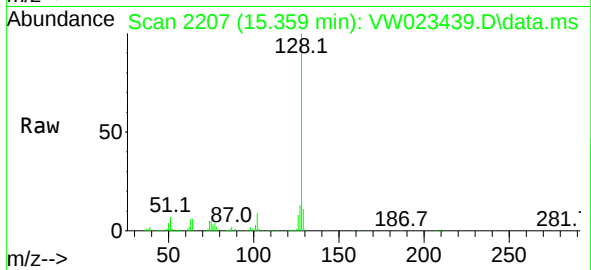




#71
Naphthalene
Concen: 26.776 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 300715
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.545 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW023439.D
Acq: 10 Jun 2022 10:47

Tgt Ion:180 Resp: 128319
Ion Ratio Lower Upper
180 100
182 96.9 73.5 110.3
145 35.6 27.9 41.9

