

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052622\
 Data File : VW023358.D
 Acq On : 26 May 2022 14:49
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 00:24:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 27 00:22:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	350674	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	354392	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201456	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	112575	15.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.600%
7) Chloroethane-d5	2.885	69	80371	17.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.680%
11) 1,1-Dichloroethene-d2	4.019	63	171389	18.436	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.760%
21) 2-Butanone-d5	7.074	46	59152	43.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.480%
24) Chloroform-d	7.647	84	229884	22.375	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	8.299	65	120186	21.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.320%
32) Benzene-d6	8.275	84	424492	20.781	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.120%
36) 1,2-Dichloropropane-d6	9.268	67	123949	21.602	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	10.317	98	413041	20.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.720%
43) trans-1,3-Dichloroprop...	10.579	79	54810	20.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.000%
47) 2-Hexanone-d5	10.921	63	47549	43.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	121816	22.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	161114	22.878	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35056	18.338	ug/L	99
3) Chloromethane	2.215	50	112014	30.323	ug/L	98
5) Vinyl chloride	2.361	62	149911	20.221	ug/L	98
6) Bromomethane	2.776	94	75422	15.845	ug/L	89
8) Chloroethane	2.916	64	74057	20.711	ug/L	97
9) Trichlorofluoromethane	3.257	101	66705	19.686	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	114318	22.563	ug/L	93
12) 1,1-Dichloroethene	4.044	96	102546	22.832	ug/L	79
13) Acetone	4.123	43	33648	32.855	ug/L	94
14) Carbon disulfide	4.385	76	254398	20.660	ug/L	99
15) Methyl Acetate	4.666	43	45233	21.984	ug/L	100
16) Methylene chloride	4.916	84	119643	23.317	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	119771	23.697	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	197304	25.572	ug/L	100
19) 1,1-Dichloroethane	6.214	63	213737	24.951	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	135557	24.970	ug/L	97
22) 2-Butanone	7.171	43	62031	43.310	ug/L	99
23) Bromochloromethane	7.513	128	63616	25.022	ug/L	93
25) Chloroform	7.677	83	241057	25.449	ug/L	96

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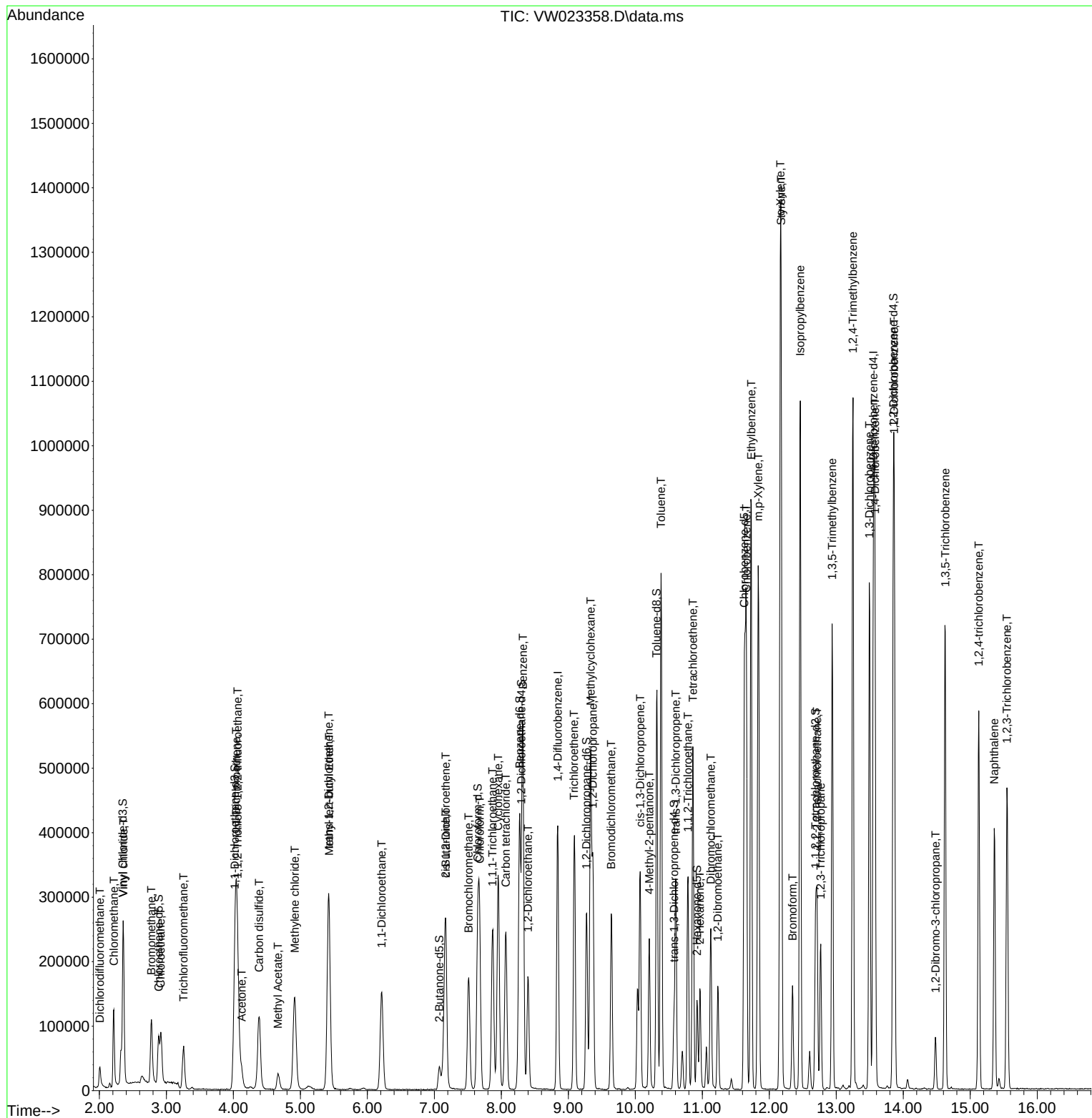
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	154217	24.424	ug/L	99
29) Cyclohexane	7.952	56	172545	22.512	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	202449	24.173	ug/L	100
31) Carbon tetrachloride	8.067	117	183739	23.454	ug/L	99
33) Benzene	8.323	78	505503	24.213	ug/L	100
34) Trichloroethene	9.085	95	135988	23.685	ug/L	97
35) Methylcyclohexane	9.335	83	218474	23.163	ug/L	99
37) 1,2-Dichloropropane	9.366	63	122765	24.299	ug/L	99
38) Bromodichloromethane	9.640	83	173294	24.149	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	197246	25.179	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	140112	43.999	ug/L	99
42) Toluene	10.384	91	588488	25.152	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	176573	25.253	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	102346	24.232	ug/L	99
46) Tetrachloroethene	10.860	164	108626	25.175	ug/L	93
48) 2-Hexanone	10.963	43	95845	45.046	ug/L	98
49) Dibromochloromethane	11.128	129	128265	25.233	ug/L	97
50) 1,2-Dibromoethane	11.231	107	102495	24.168	ug/L	97
51) Chlorobenzene	11.658	112	388351	25.177	ug/L	98
52) Ethylbenzene	11.731	91	656568	25.224	ug/L	100
53) m,p-Xylene	11.835	106	263870	25.727	ug/L	97
54) o-Xylene	12.164	106	255092	25.918	ug/L	94
55) Styrene	12.176	104	431183	25.782	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	125296	23.752	ug/L	94
59) Bromoform	12.347	173	68368	23.947	ug/L #	96
60) Isopropylbenzene	12.463	105	696004	25.219	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88266	21.928	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	380698	24.794	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	578336	25.085	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	324760	26.356	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	317230	24.925	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	291609	25.862	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18326	20.832	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.627	180	215176	26.308	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	170610	25.931	ug/L	95
71) Naphthalene	15.359	128	343585	24.027	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	150554	25.818	ug/L	97

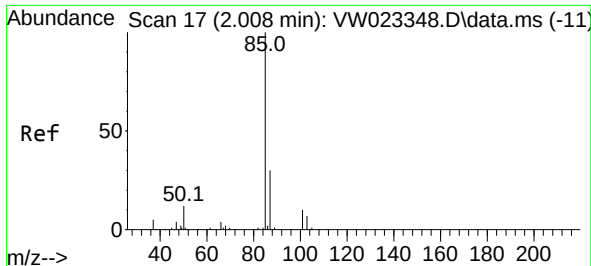
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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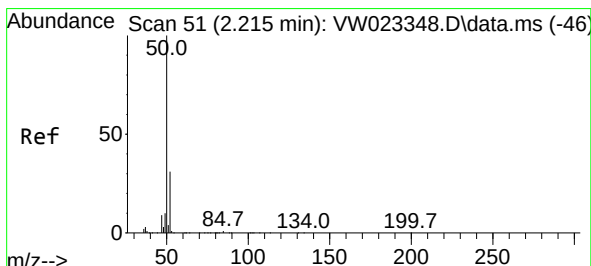
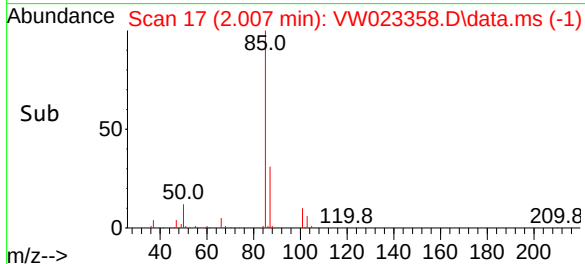
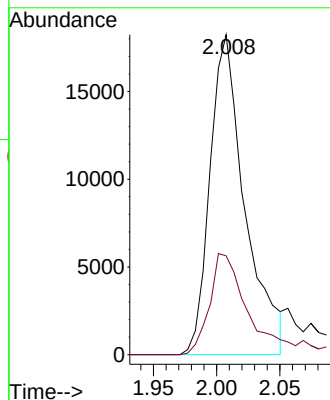
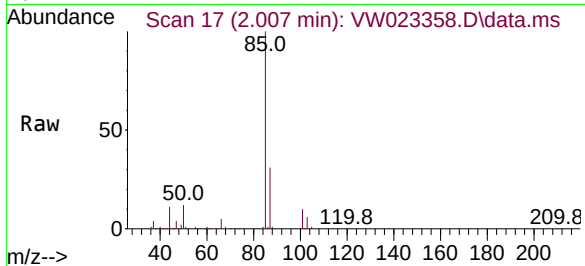




#2
 Dichlorodifluoromethane
 Concen: 18.338 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023358.D
 Acq: 26 May 2022 14:49

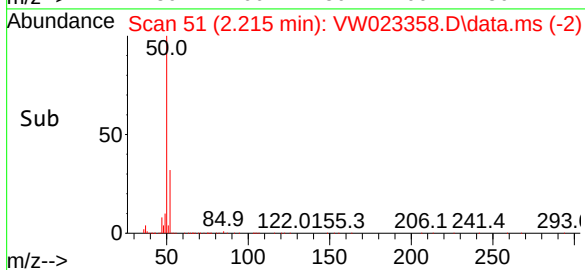
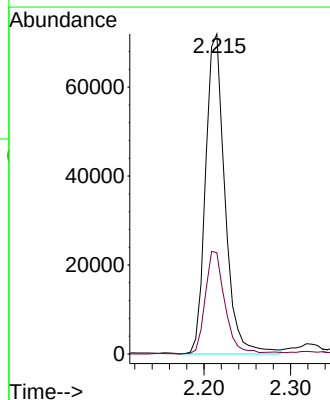
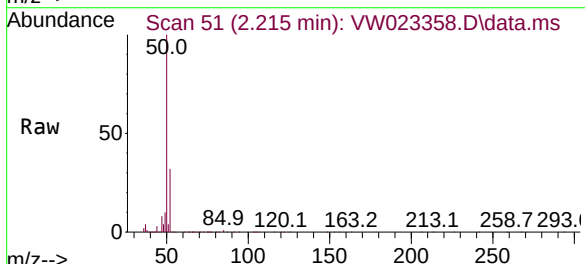
Instrument :
 MSVOA_W
 ClientSampleId :

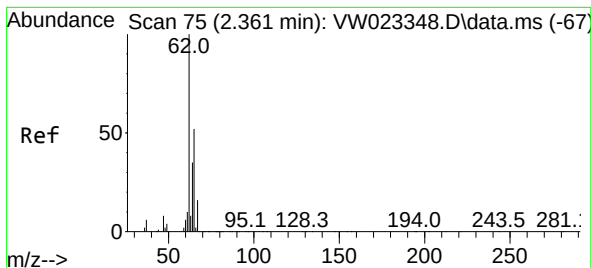
Tgt Ion: 85 Resp: 35056
 Ion Ratio Lower Upper
 85 100
 87 34.0 27.8 41.8



#3
 Chloromethane
 Concen: 30.323 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023358.D
 Acq: 26 May 2022 14:49

Tgt Ion: 50 Resp: 112014
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.1 42.9





#5

Vinyl chloride

Concen: 20.221 ug/L

RT: 2.361 min Scan# 75

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

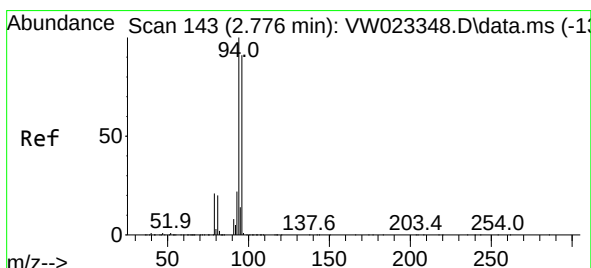
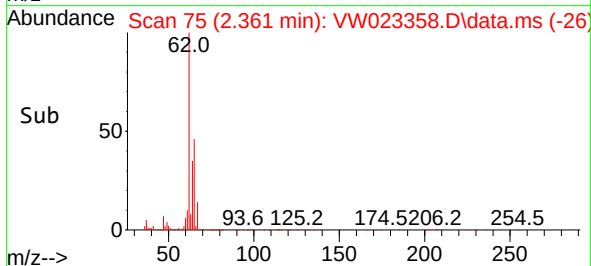
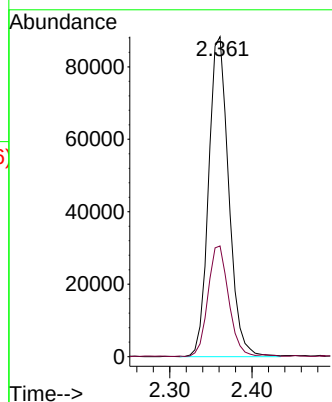
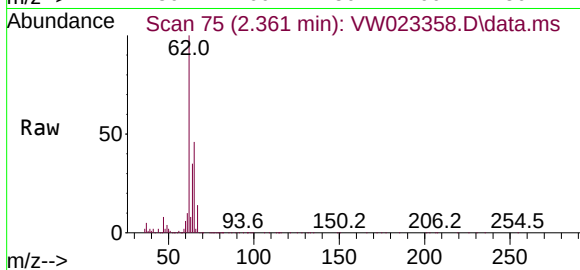
ClientSampleId :

Tgt Ion: 62 Resp: 149911

Ion Ratio Lower Upper

62 100

64 34.6 24.9 46.3



#6

Bromomethane

Concen: 15.845 ug/L

RT: 2.776 min Scan# 143

Delta R.T. -0.000 min

Lab File: VW023358.D

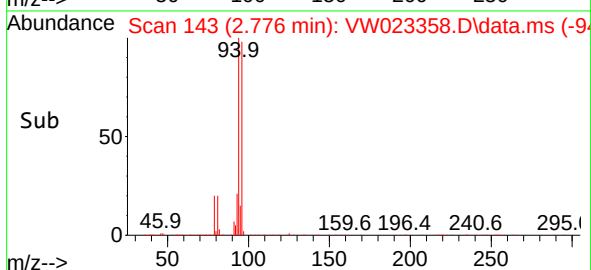
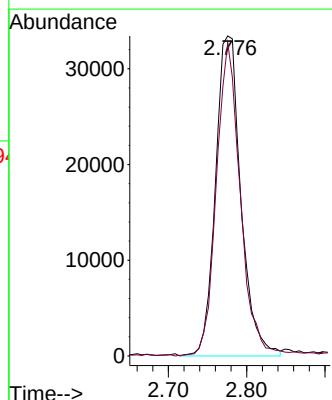
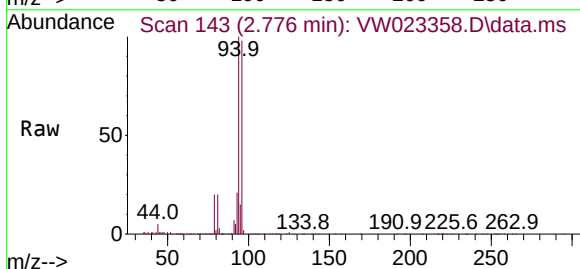
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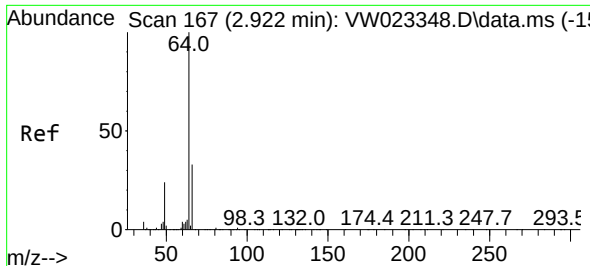
Tgt Ion: 94 Resp: 75422

Ion Ratio Lower Upper

94 100

96 97.9 61.7 114.5

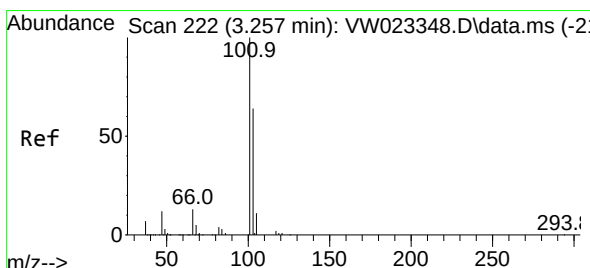
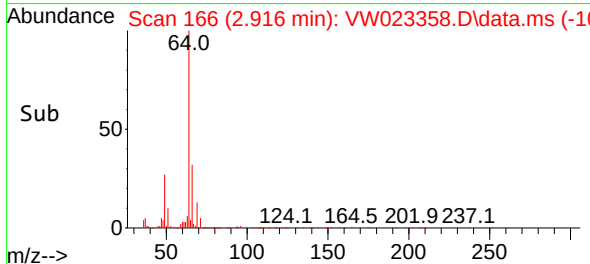
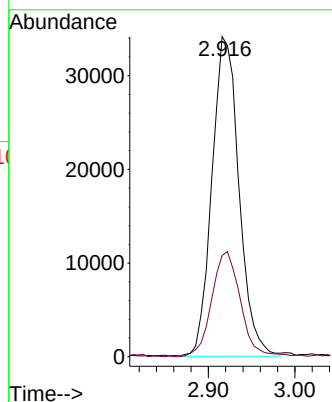
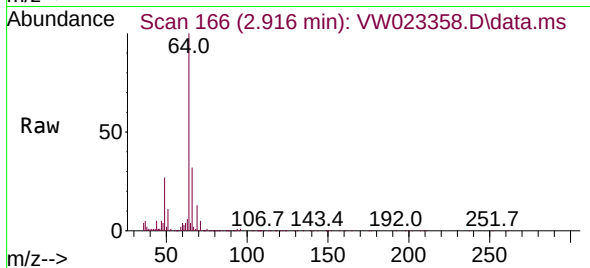




#8
Chloroethane
Concen: 20.711 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

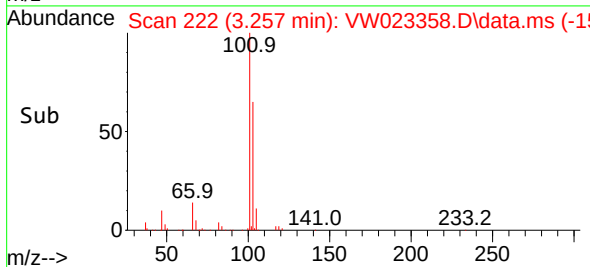
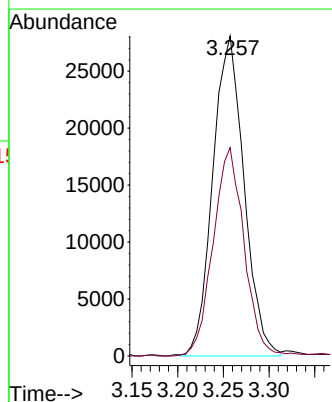
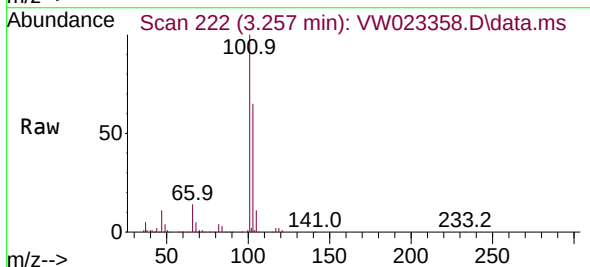
Instrument :
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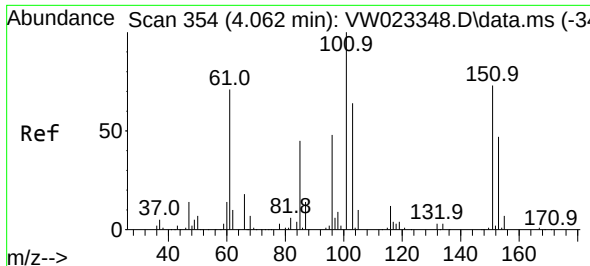
Tgt Ion: 64 Resp: 74057
Ion Ratio Lower Upper
64 100
66 31.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.686 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion: 101 Resp: 66705
Ion Ratio Lower Upper
101 100
103 64.3 53.9 80.9

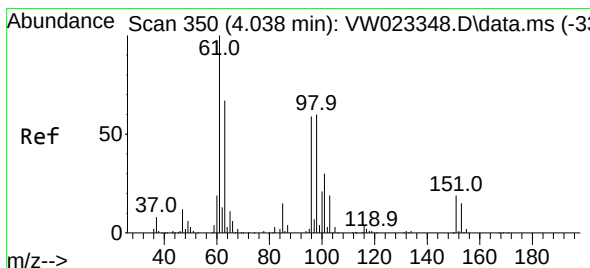
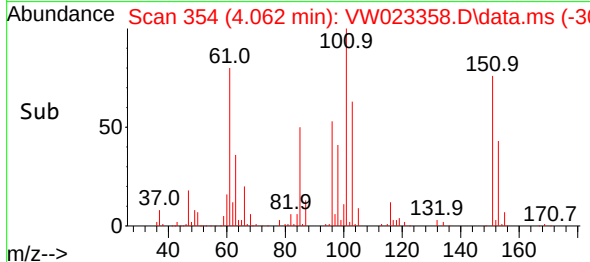
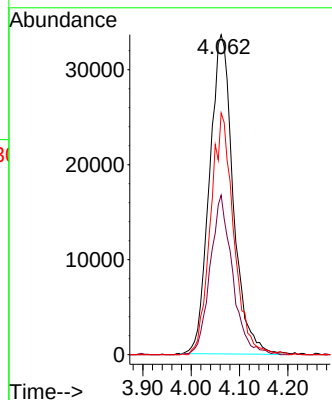
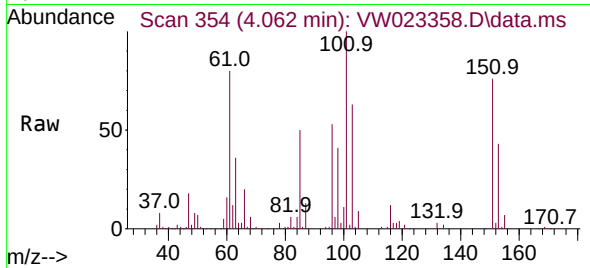




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.563 ug/L
 RT: 4.062 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VW023358.D
 Acq: 26 May 2022 14:49

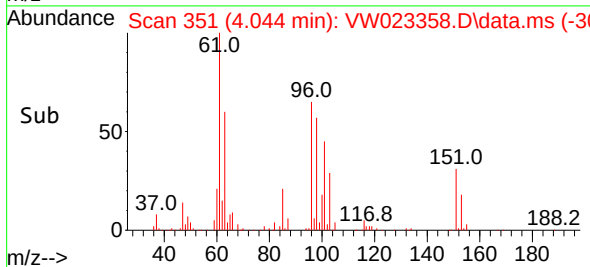
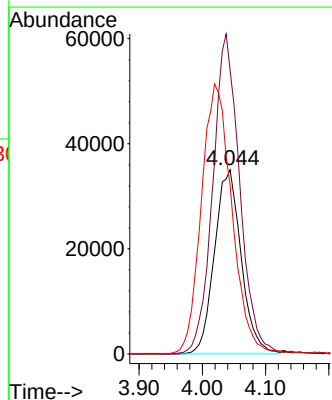
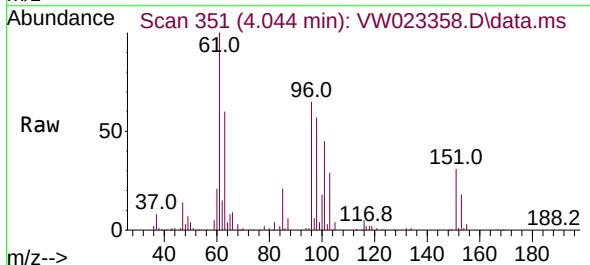
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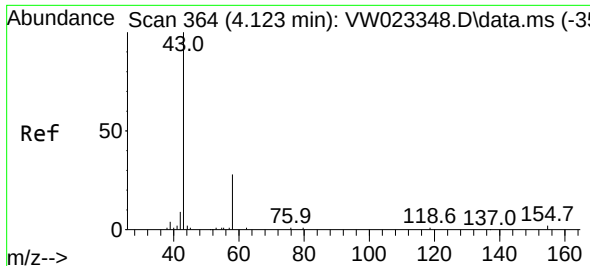
Tgt Ion:101 Resp: 114318
 Ion Ratio Lower Upper
 101 100
 85 46.2 34.3 51.5
 151 73.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.832 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023358.D
 Acq: 26 May 2022 14:49

Tgt Ion: 96 Resp: 102546
 Ion Ratio Lower Upper
 96 100
 61 154.0 125.7 233.5
 63 91.9 83.4 155.0

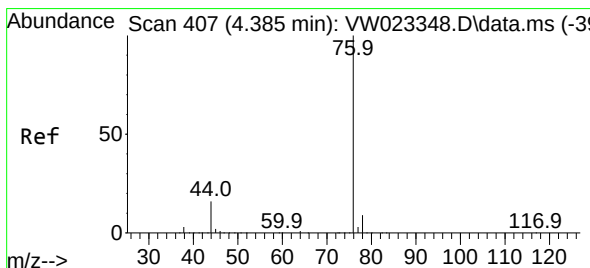
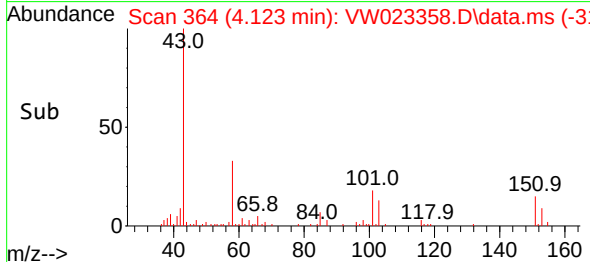
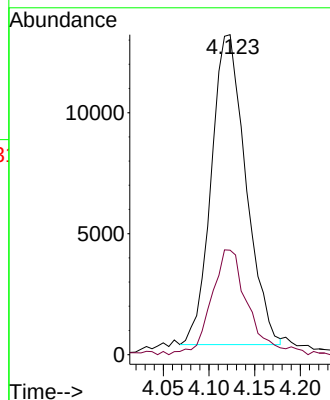
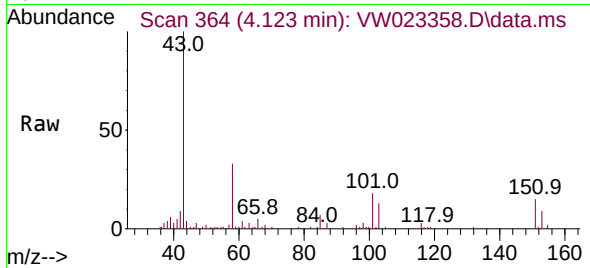




#13
Acetone
Concen: 32.855 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

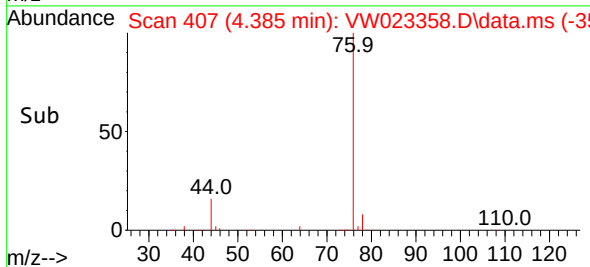
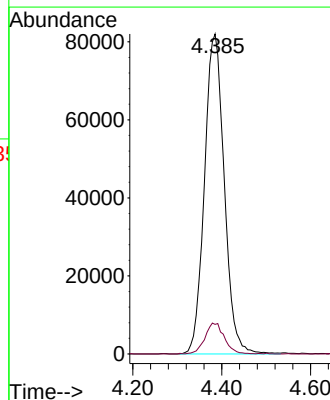
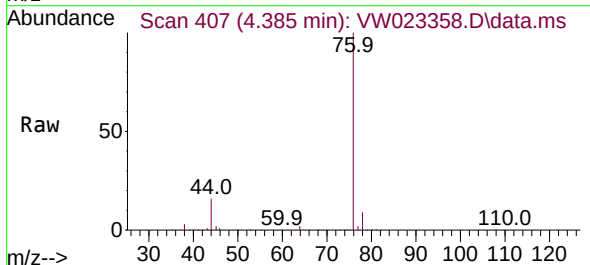
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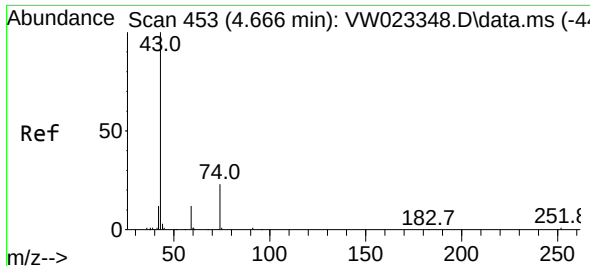
Tgt Ion: 43 Resp: 33648
Ion Ratio Lower Upper
43 100
58 35.1 0.0 64.0



#14
Carbon disulfide
Concen: 20.660 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 254398
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

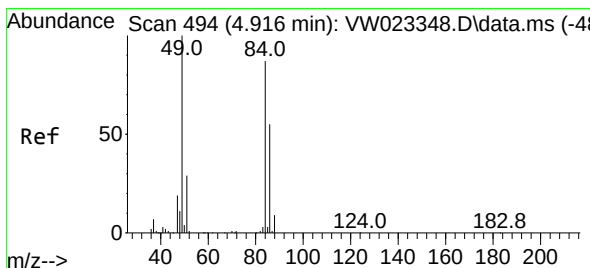
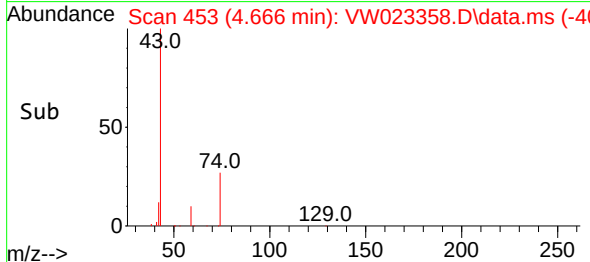
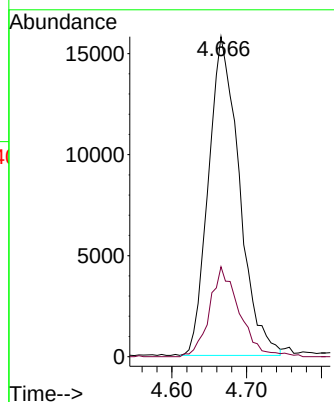
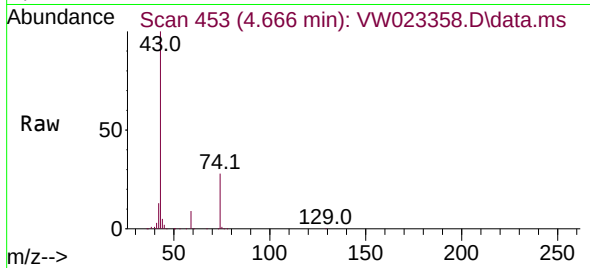




#15
Methyl Acetate
Concen: 21.984 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

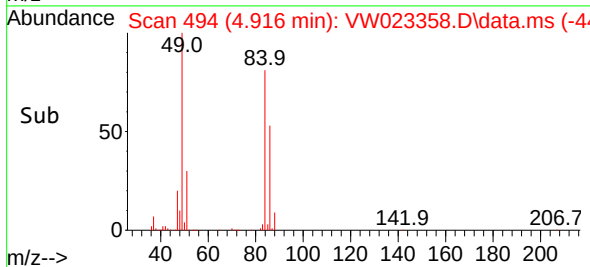
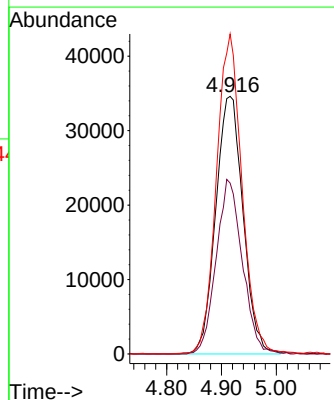
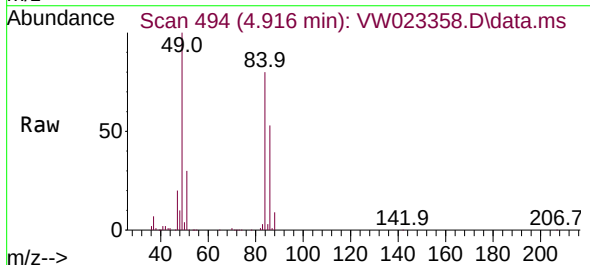
Instrument :
MSVOA_W
ClientSampleId :

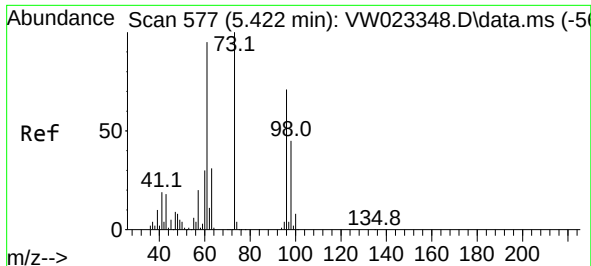
Tgt Ion: 43 Resp: 45233
Ion Ratio Lower Upper
43 100
74 27.2 21.9 32.9



#16
Methylene chloride
Concen: 23.317 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion: 84 Resp: 119643
Ion Ratio Lower Upper
84 100
86 66.3 45.4 84.4
49 124.3 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 23.697 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

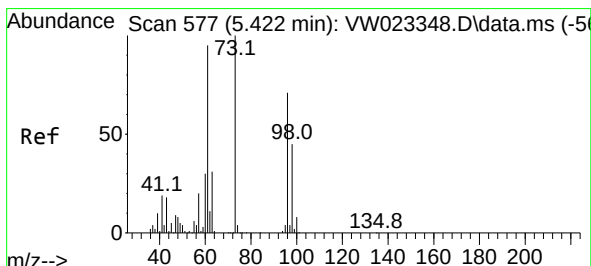
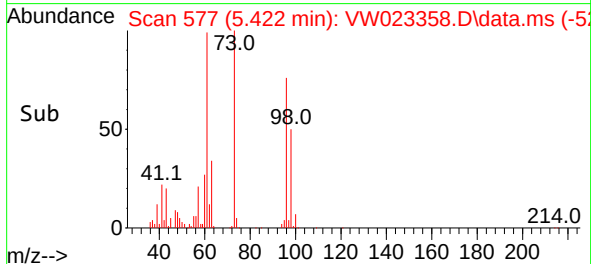
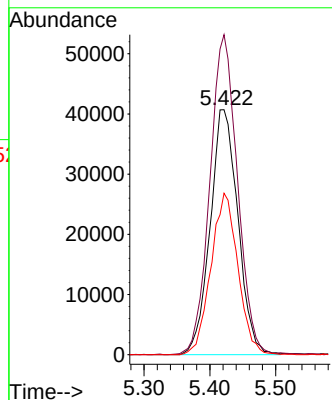
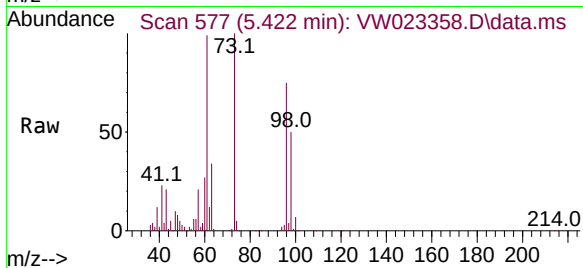
Tgt Ion: 96 Resp: 119771

Ion Ratio Lower Upper

96 100

61 130.6 92.2 171.2

98 65.9 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 25.572 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

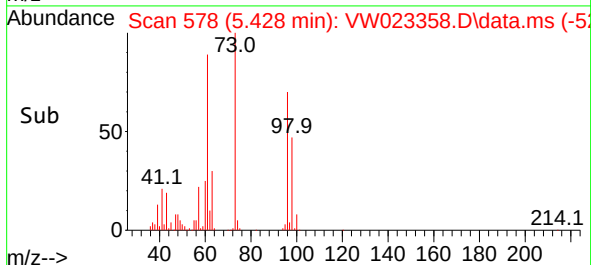
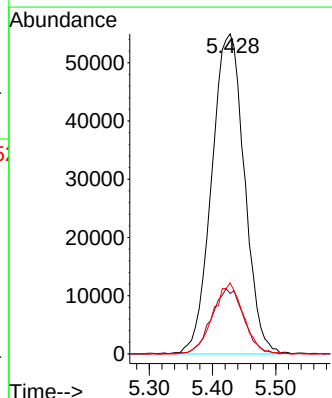
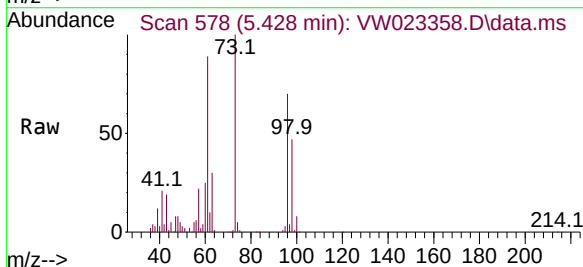
Tgt Ion: 73 Resp: 197304

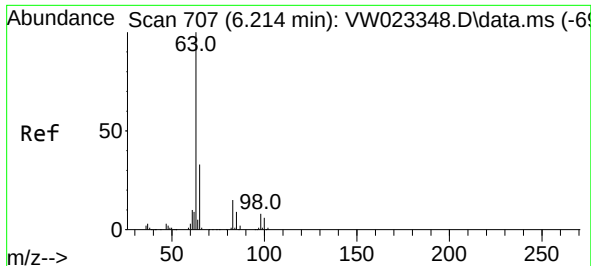
Ion Ratio Lower Upper

73 100

43 20.2 15.9 23.9

57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.951 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

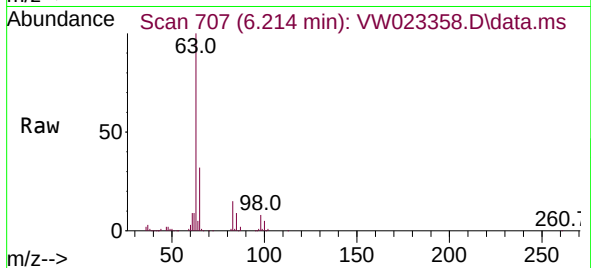
Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :



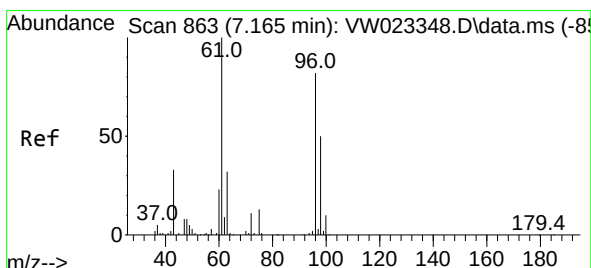
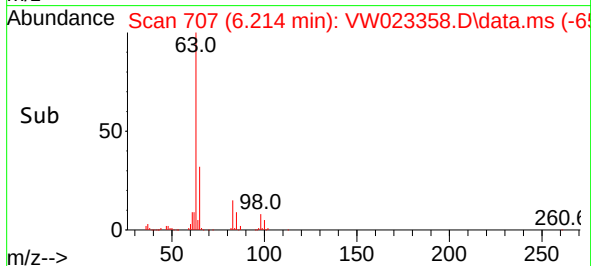
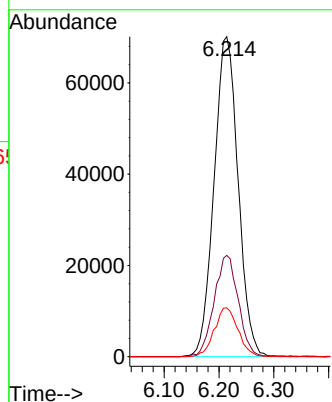
Tgt Ion: 63 Resp: 213737

Ion Ratio Lower Upper

63 100

65 31.7 23.3 43.3

83 15.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.970 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

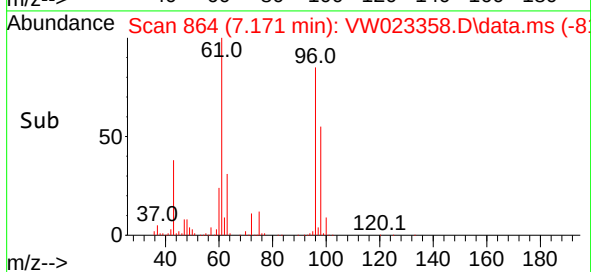
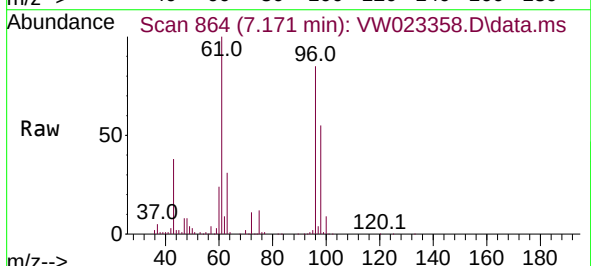
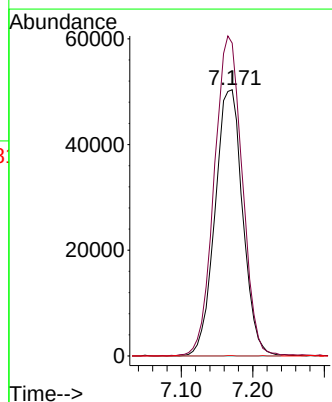
Tgt Ion: 96 Resp: 135557

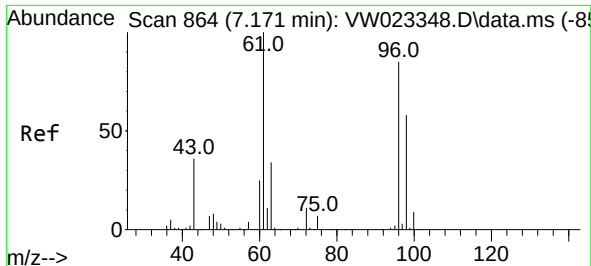
Ion Ratio Lower Upper

96 100

61 117.5 84.2 156.4

68 0.1 0.1 0.1

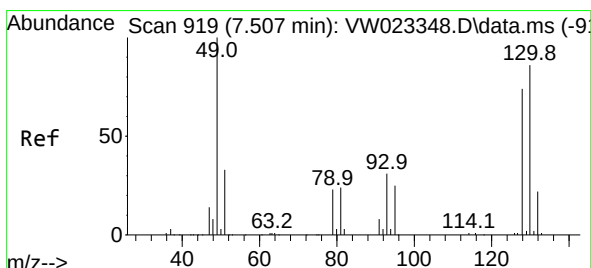
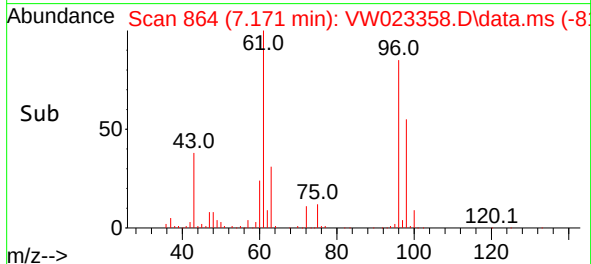
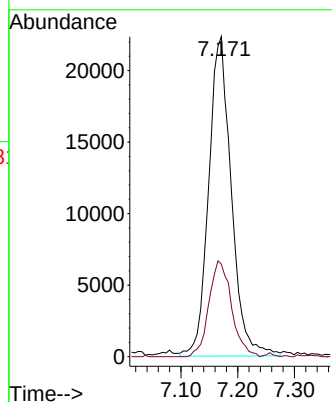
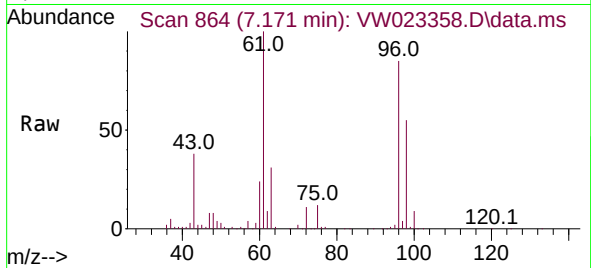




#22
2-Butanone
Concen: 43.310 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

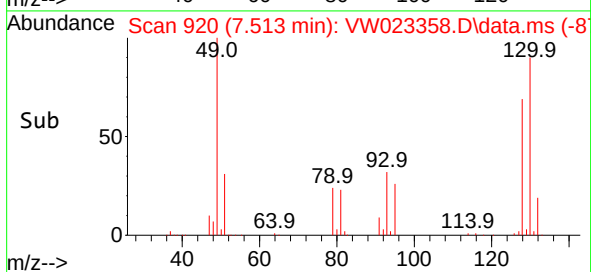
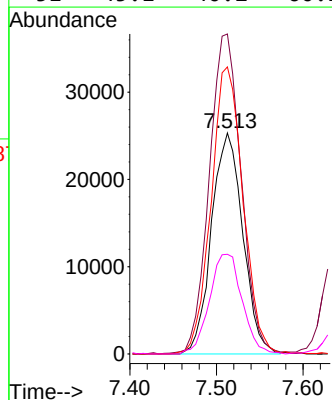
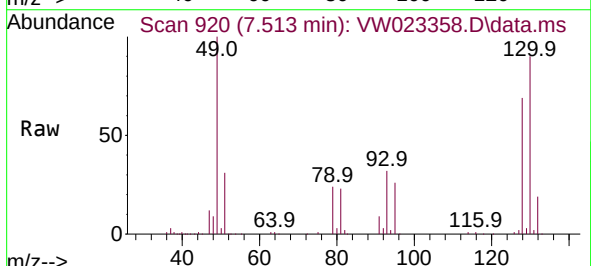
Instrument :
MSVOA_W
ClientSampleId :

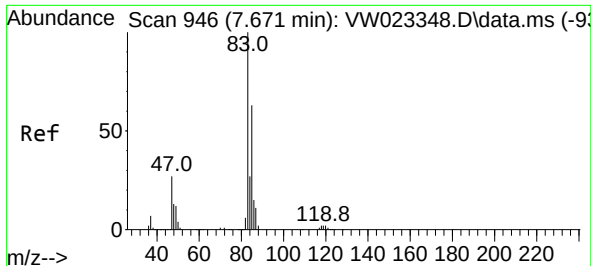
Tgt Ion: 43 Resp: 62031
Ion Ratio Lower Upper
43 100
72 29.9 15.1 45.3



#23
Bromochloromethane
Concen: 25.022 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion:128 Resp: 63616
Ion Ratio Lower Upper
128 100
49 144.8 110.0 204.4
130 129.9 94.8 176.0
51 45.1 40.2 60.2

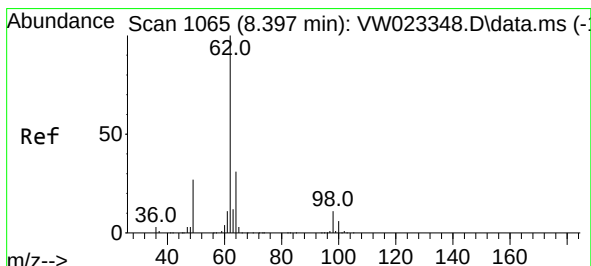
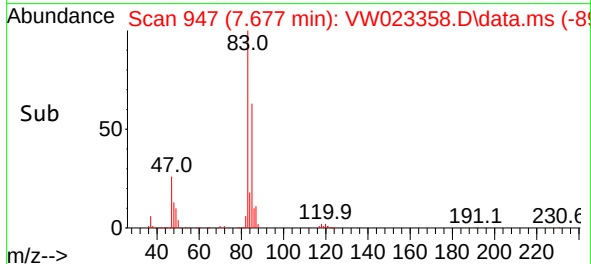
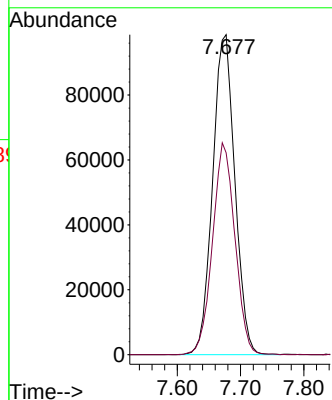
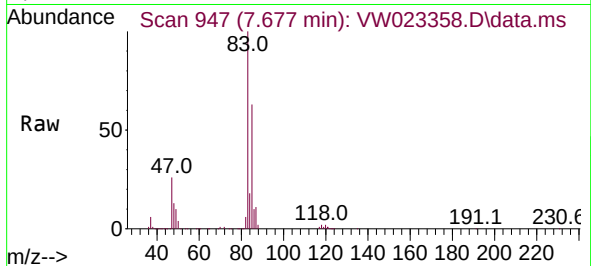




#25
Chloroform
Concen: 25.449 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

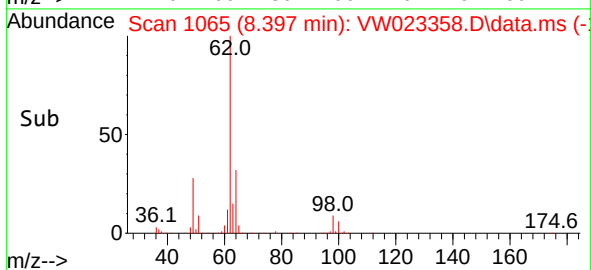
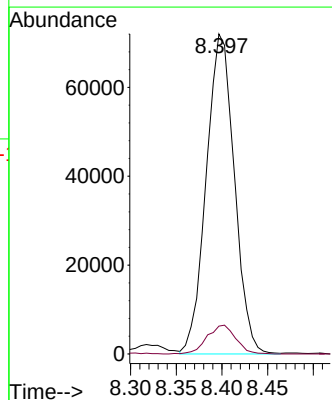
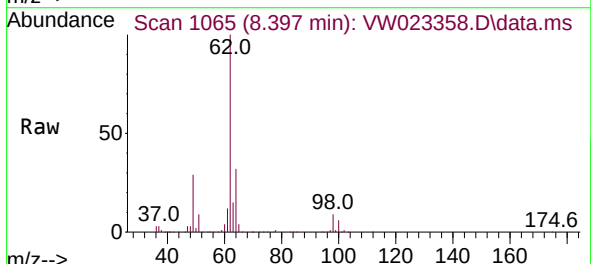
Instrument :
MSVOA_W
ClientSampleId :

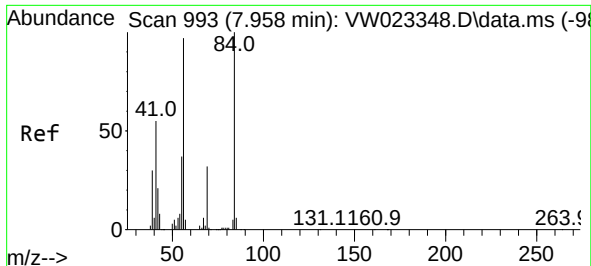
Tgt Ion: 83 Resp: 241057
Ion Ratio Lower Upper
83 100
85 63.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.424 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion: 62 Resp: 154217
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8





#29

Cyclohexane

Concen: 22.512 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

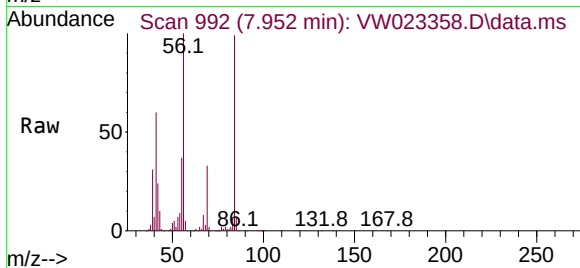
Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :



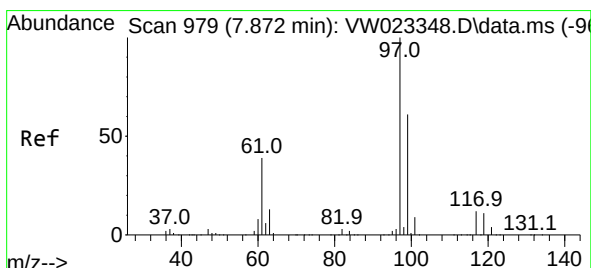
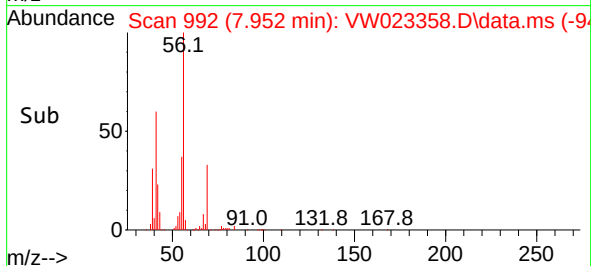
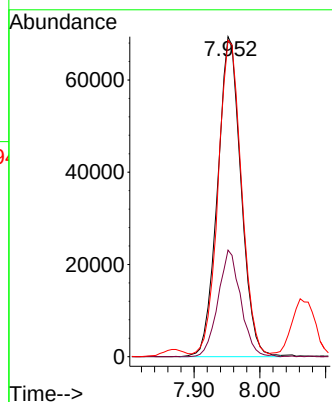
Tgt Ion: 56 Resp: 172545

Ion Ratio Lower Upper

56 100

69 32.0 25.6 38.4

84 98.8 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.173 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

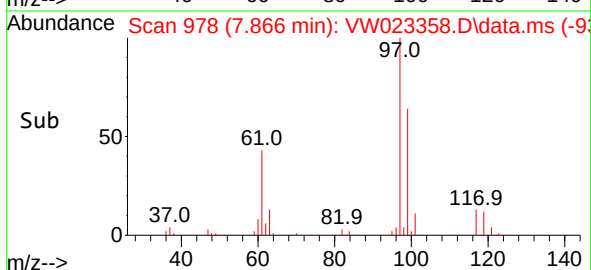
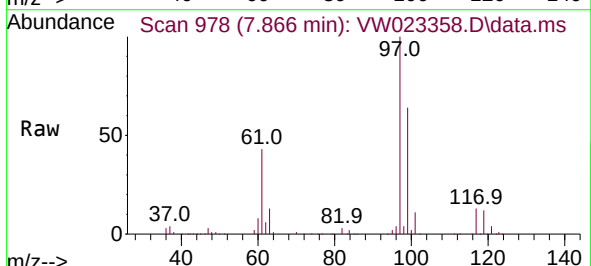
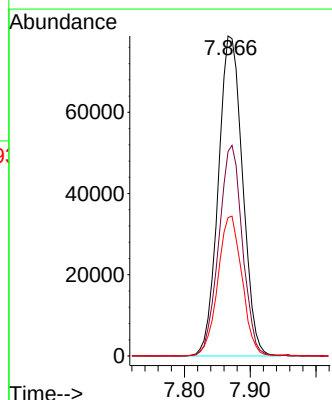
Tgt Ion: 97 Resp: 202449

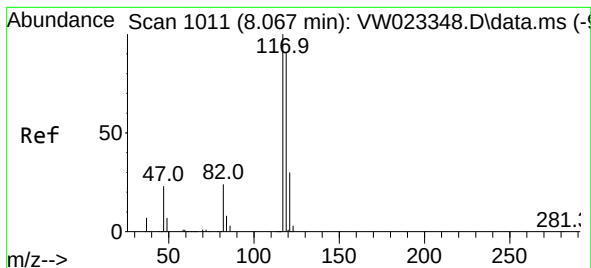
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 43.5 34.8 52.2





#31

Carbon tetrachloride

Concen: 23.454 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

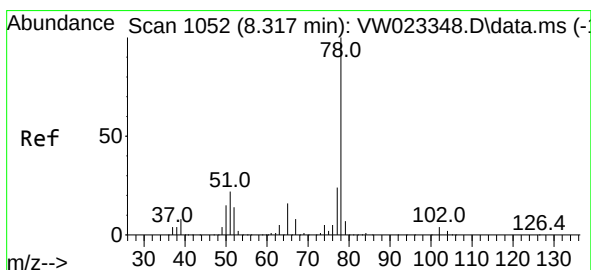
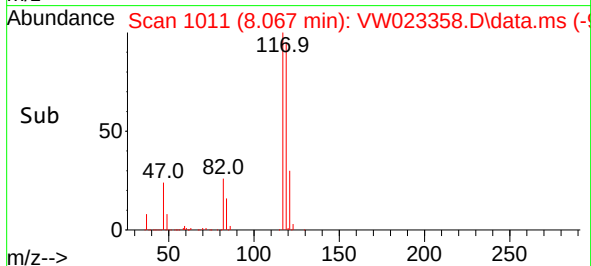
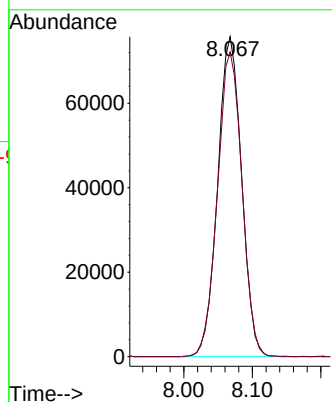
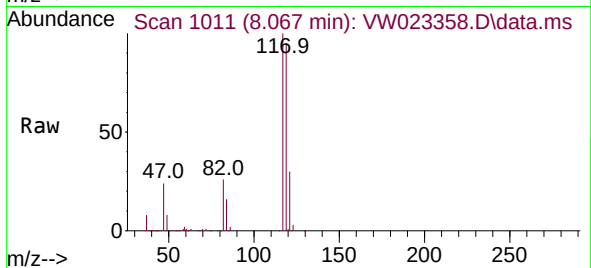
ClientSampleId :

Tgt Ion:117 Resp: 183739

Ion Ratio Lower Upper

117 100

119 97.0 76.6 115.0



#33

Benzene

Concen: 24.213 ug/L

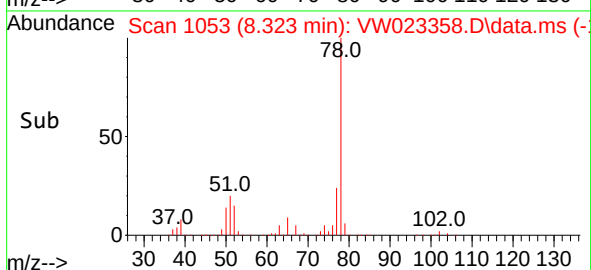
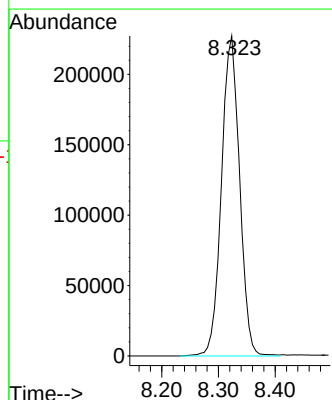
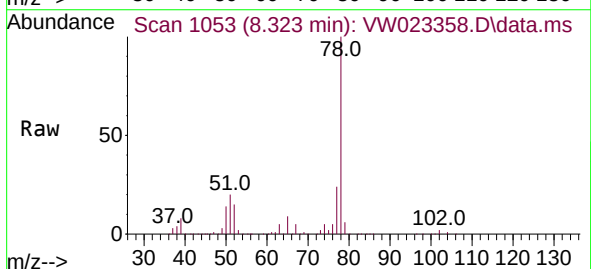
RT: 8.323 min Scan# 1053

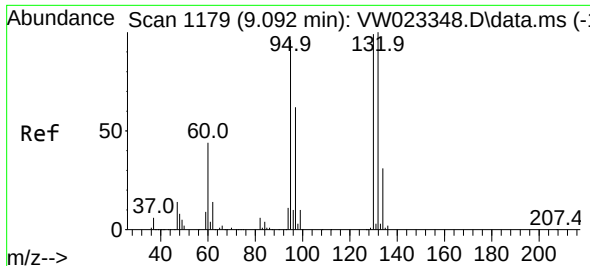
Delta R.T. 0.006 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

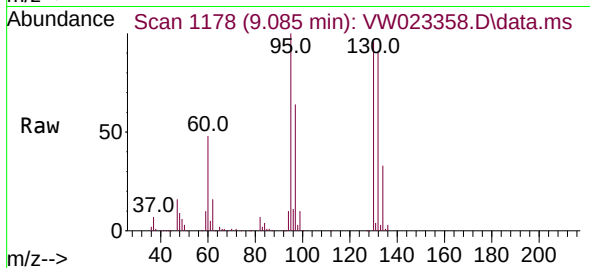
Tgt Ion: 78 Resp: 505503



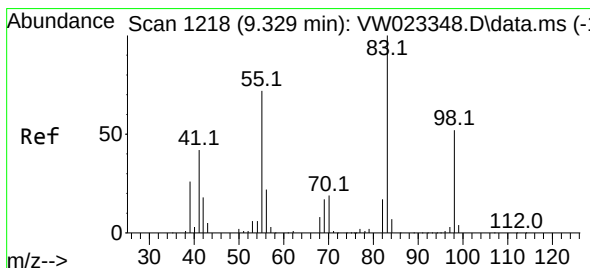
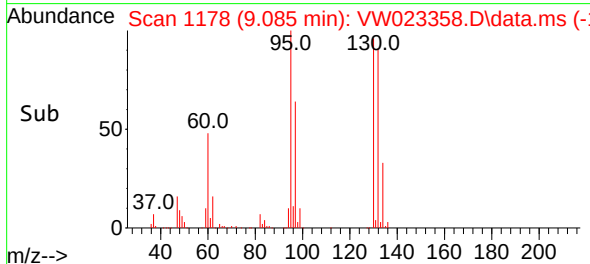
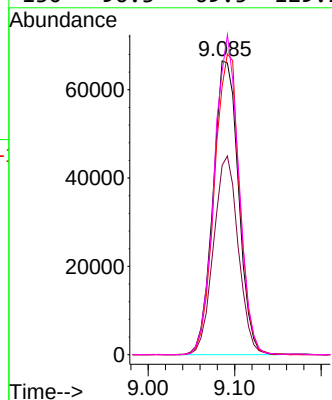


#34
Trichloroethene
Concen: 23.685 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Instrument :
MSVOA_W
ClientSampleId :

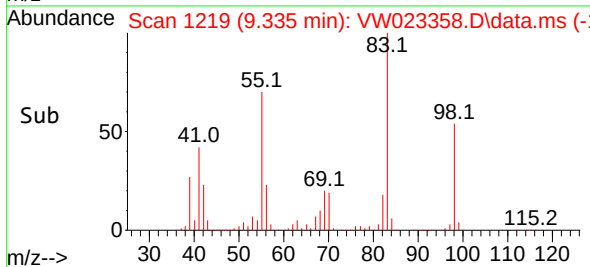
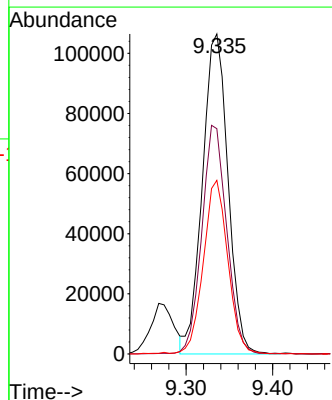
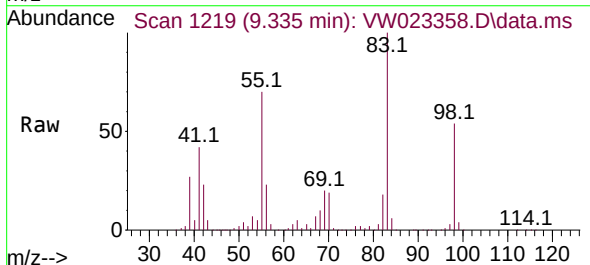


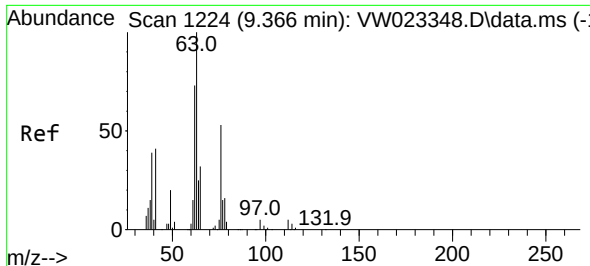
Tgt Ion: 95 Resp: 135988
Ion Ratio Lower Upper
95 100
97 64.4 46.1 85.7
132 91.3 66.9 124.3
130 96.3 69.5 129.1



#35
Methylcyclohexane
Concen: 23.163 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion: 83 Resp: 218474
Ion Ratio Lower Upper
83 100
55 69.5 55.1 82.7
98 51.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.299 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

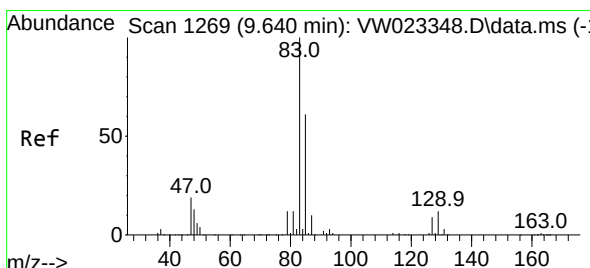
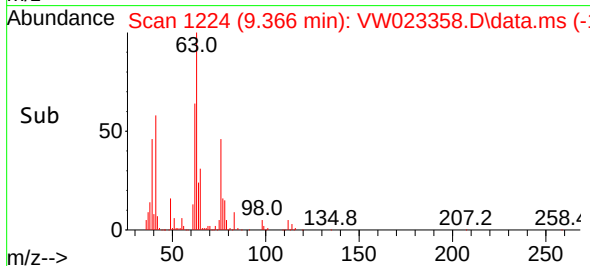
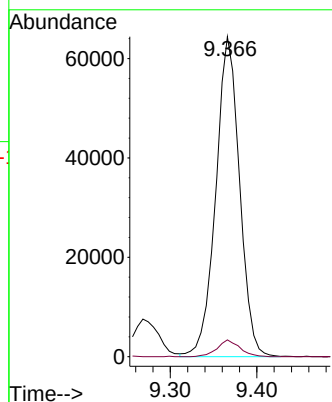
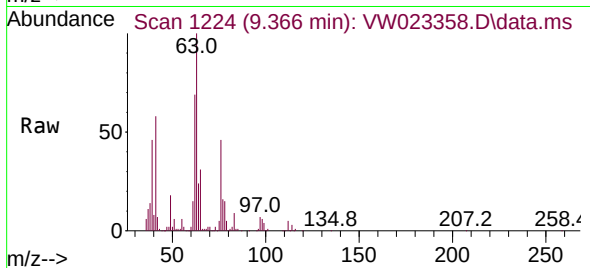
ClientSampleId :

Tgt Ion: 63 Resp: 122765

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 24.149 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

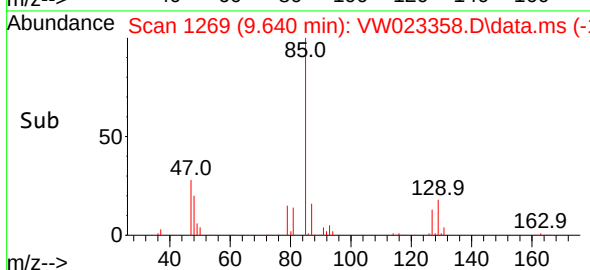
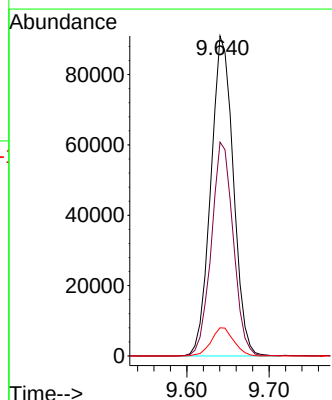
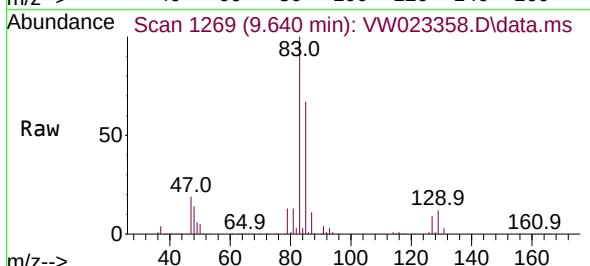
Tgt Ion: 83 Resp: 173294

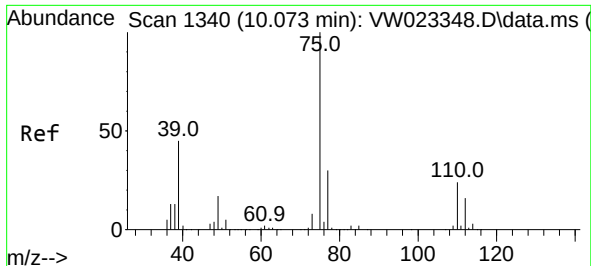
Ion Ratio Lower Upper

83 100

85 66.8 43.5 80.7

127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.179 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

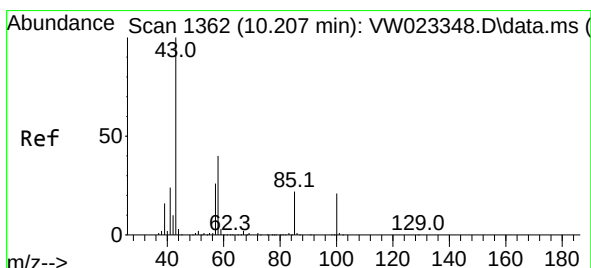
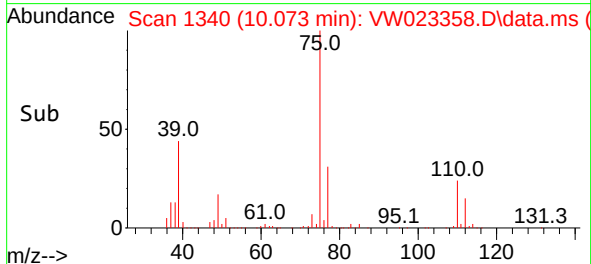
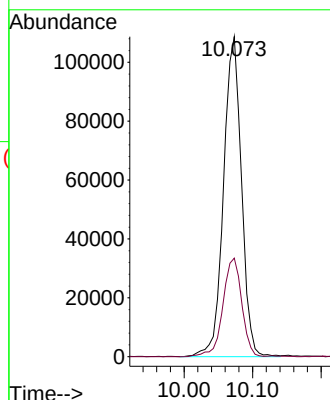
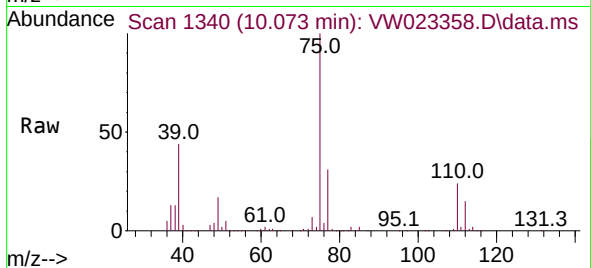
ClientSampleId :

Tgt Ion: 75 Resp: 197246

Ion Ratio Lower Upper

75 100

77 30.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 43.999 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

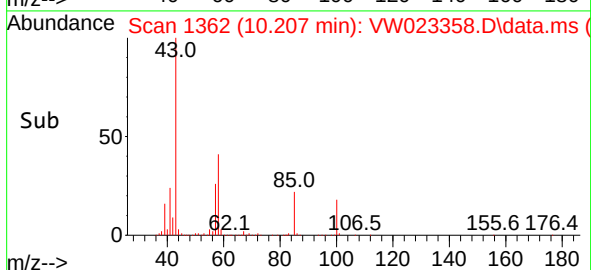
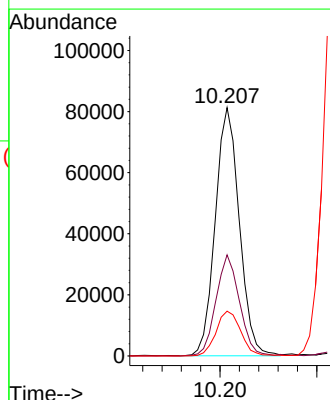
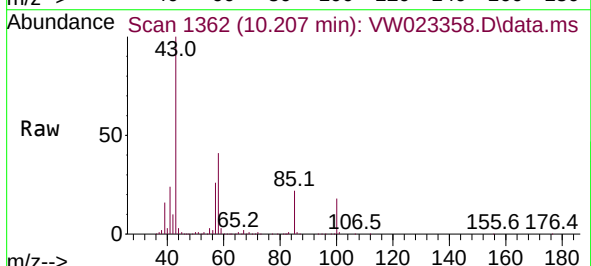
Tgt Ion: 43 Resp: 140112

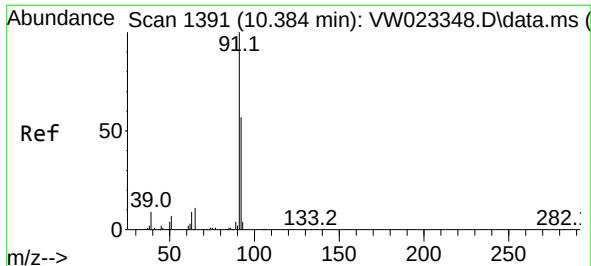
Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.2

100 18.5 14.2 21.4

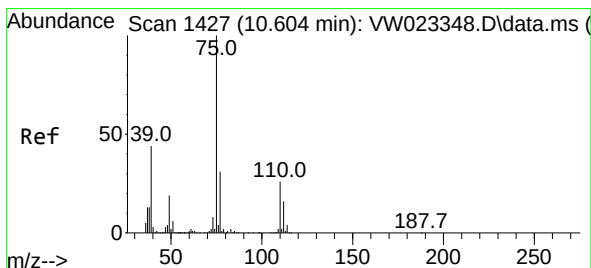
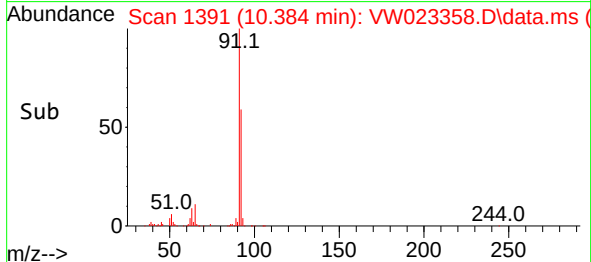
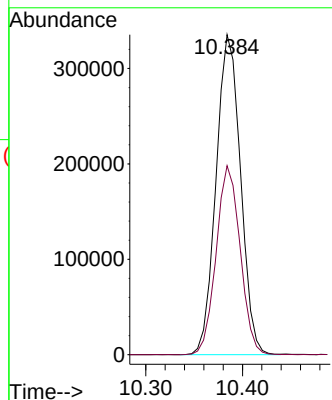
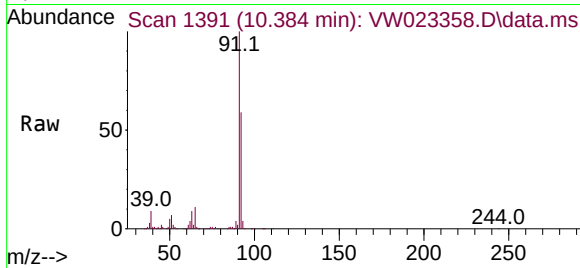




#42
Toluene
Concen: 25.152 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

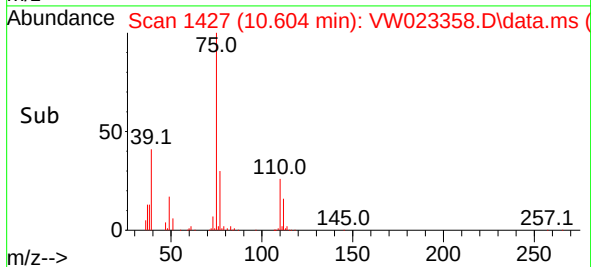
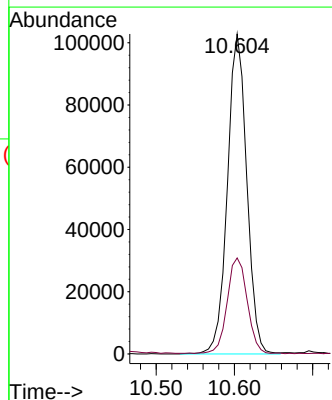
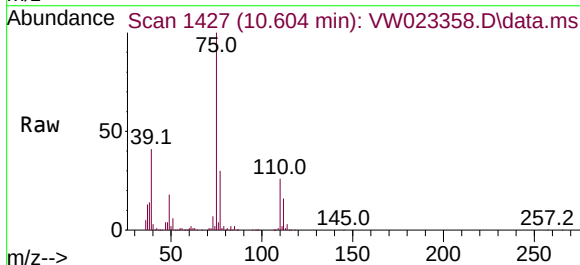
Instrument :
MSVOA_W
ClientSampleId :

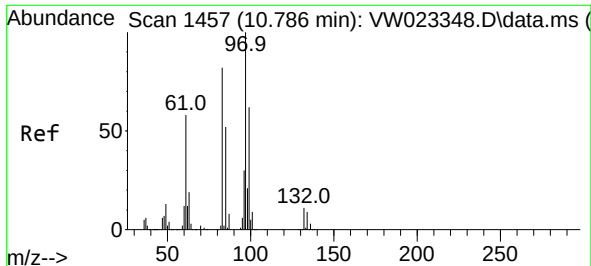
Tgt Ion: 91 Resp: 588488
Ion Ratio Lower Upper
91 100
92 59.1 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.253 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion: 75 Resp: 176573
Ion Ratio Lower Upper
75 100
77 30.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.232 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 102346

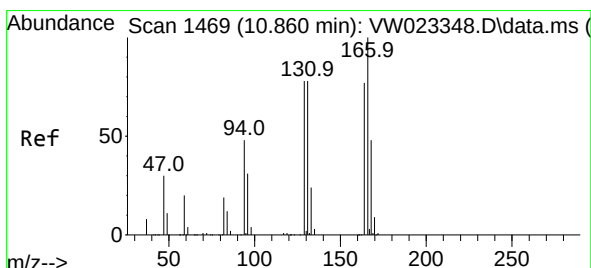
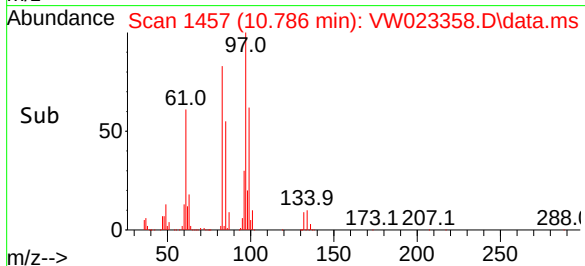
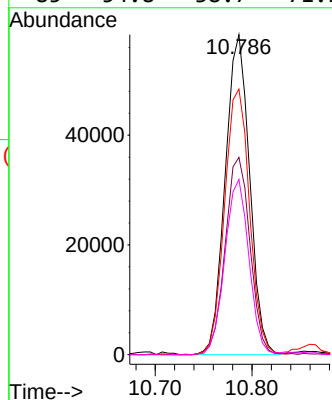
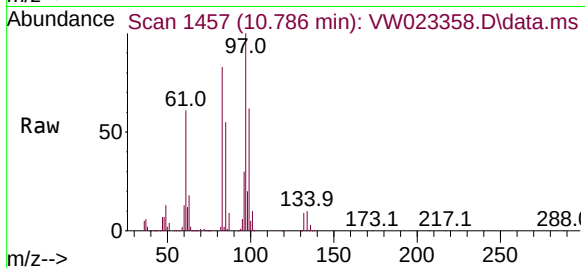
Ion Ratio Lower Upper

97 100

99 61.7 44.7 82.9

83 83.0 58.4 108.4

85 54.8 38.7 71.9



#46

Tetrachloroethene

Concen: 25.175 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Tgt Ion:164 Resp: 108626

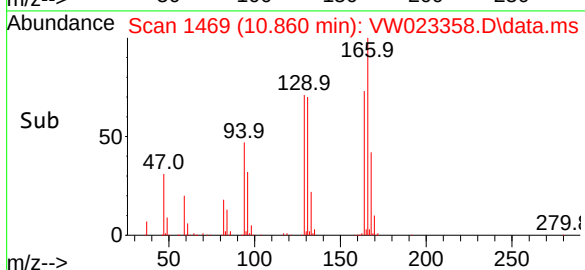
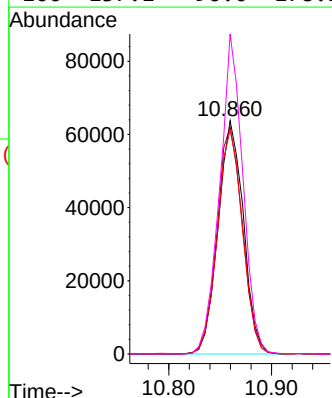
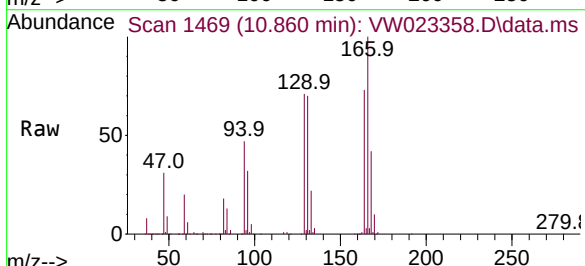
Ion Ratio Lower Upper

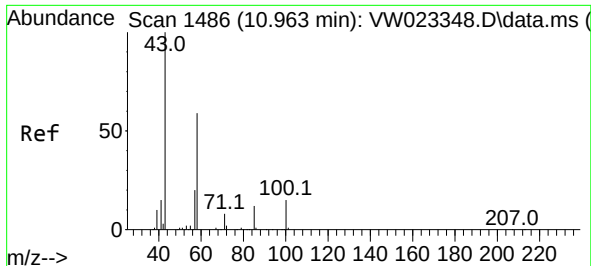
164 100

129 97.3 76.9 142.7

131 96.0 75.1 139.5

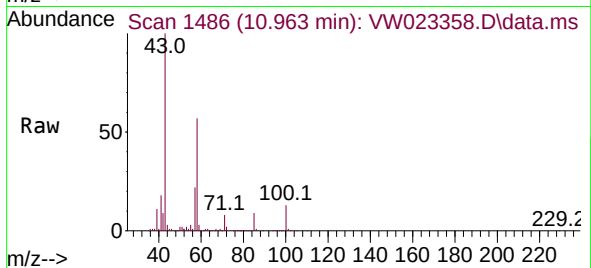
166 137.1 96.0 178.2



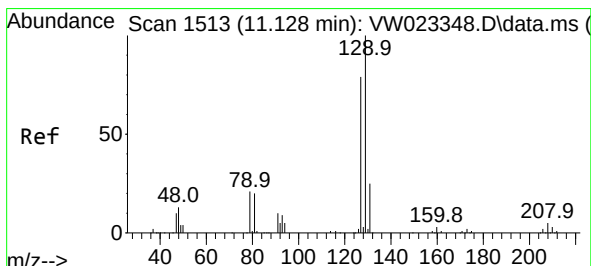
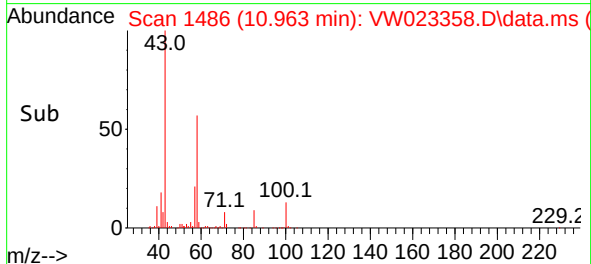
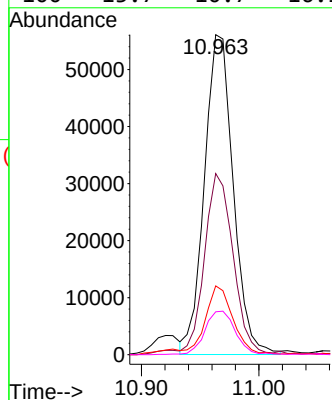


#48
2-Hexanone
Concen: 45.046 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Instrument :
MSVOA_W
ClientSampleId :

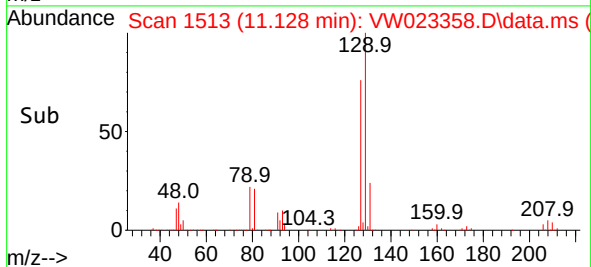
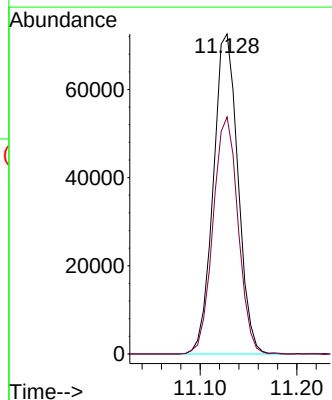
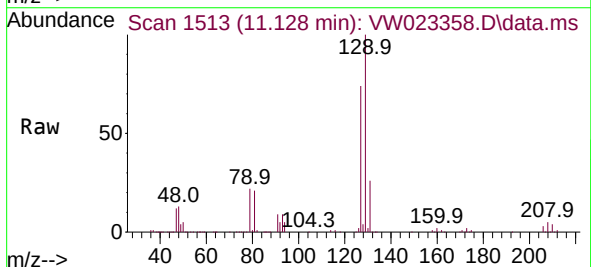


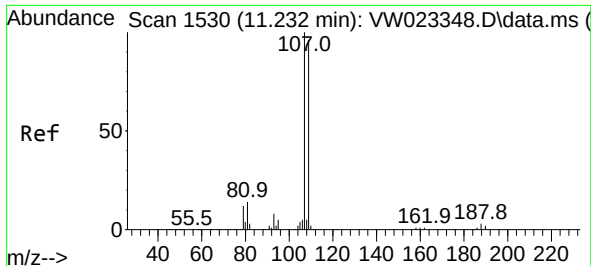
Tgt Ion: 43 Resp: 95845
Ion Ratio Lower Upper
43 100
58 56.0 45.9 68.9
57 20.6 16.2 24.2
100 13.7 10.7 16.1



#49
Dibromochloromethane
Concen: 25.233 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion: 129 Resp: 128265
Ion Ratio Lower Upper
129 100
127 74.1 53.8 100.0





#50

1,2-Dibromoethane

Concen: 24.168 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023358.D

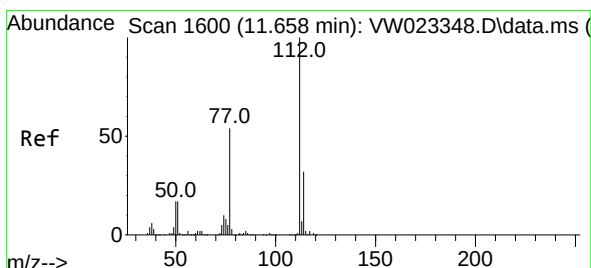
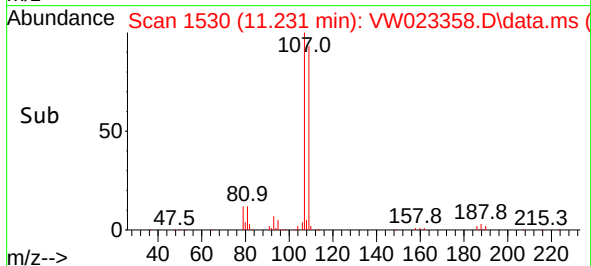
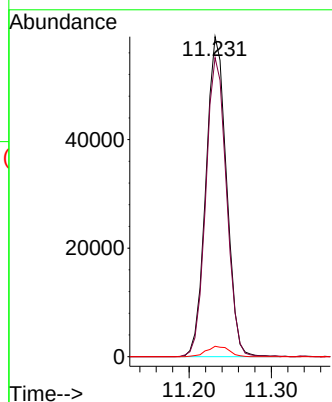
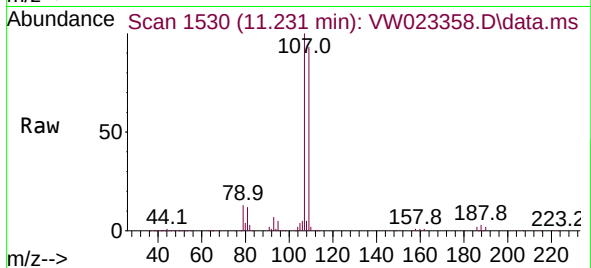
Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp: 102495
Ion Ratio	Lower Upper
107	100
109	93.5 67.5 125.4
188	3.3 2.9 4.3



#51

Chlorobenzene

Concen: 25.177 ug/L

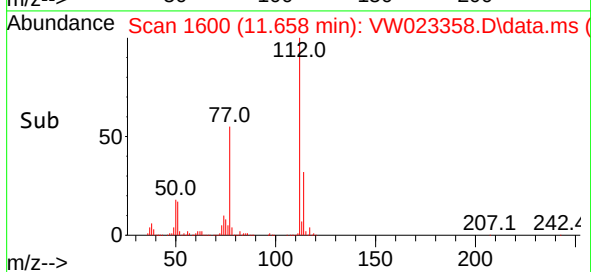
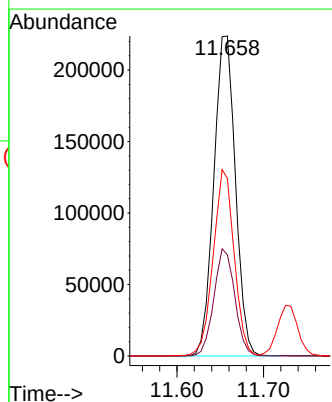
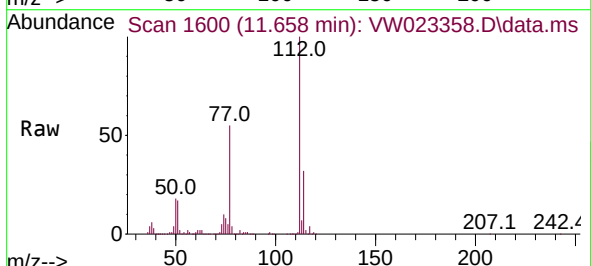
RT: 11.658 min Scan# 1600

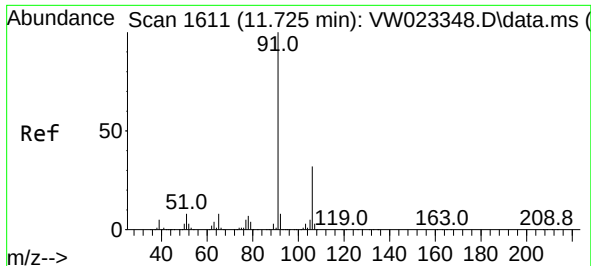
Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Tgt Ion:112	Resp: 388351
Ion Ratio	Lower Upper
112	100
114	31.6 22.0 41.0
77	55.5 42.6 63.8

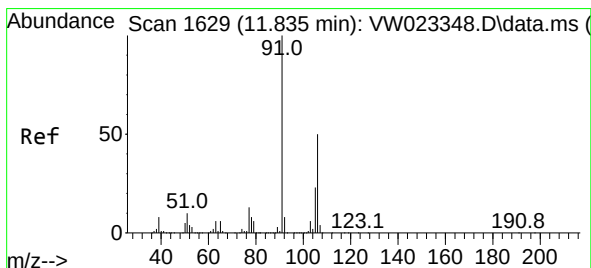
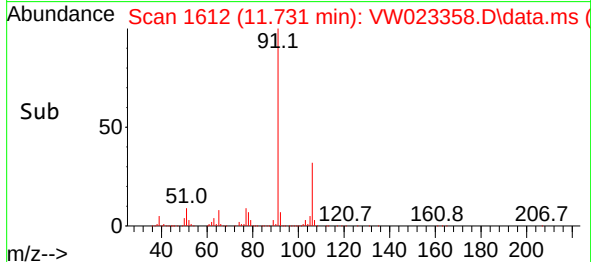
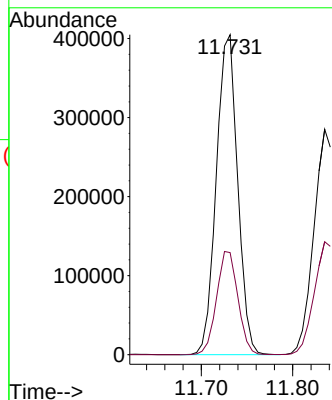
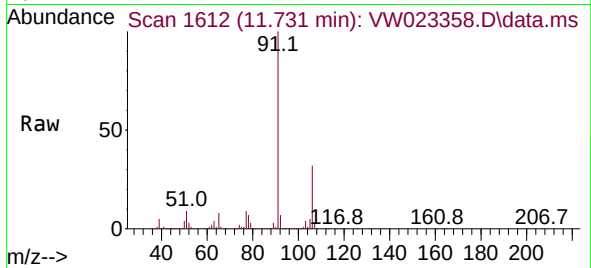




#52
Ethylbenzene
Concen: 25.224 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

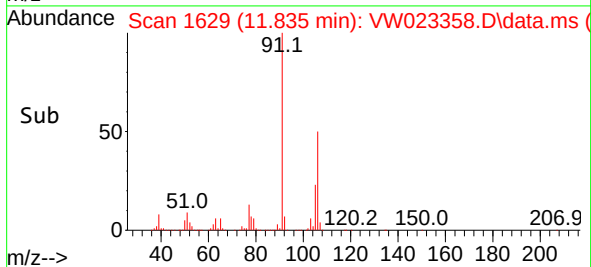
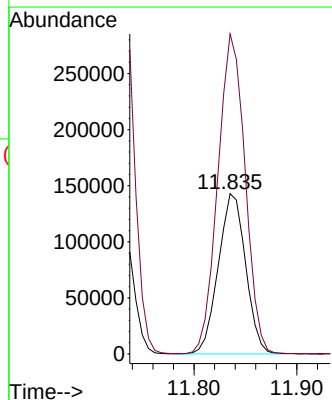
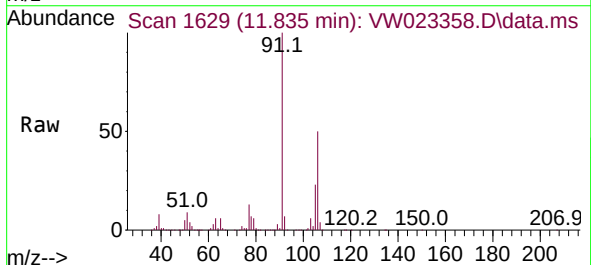
Instrument :
MSVOA_W
ClientSampleId :

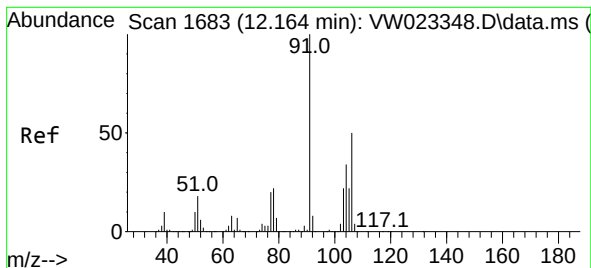
Tgt Ion: 91 Resp: 656568
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.3



#53
m,p-Xylene
Concen: 25.727 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion:106 Resp: 263870
Ion Ratio Lower Upper
106 100
91 199.5 136.8 254.0

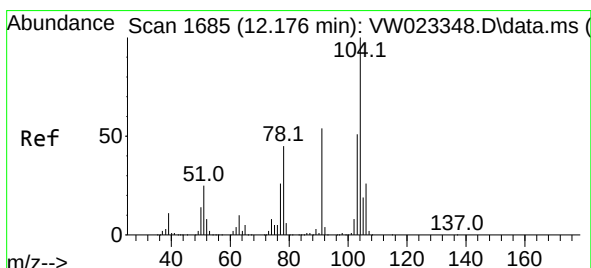
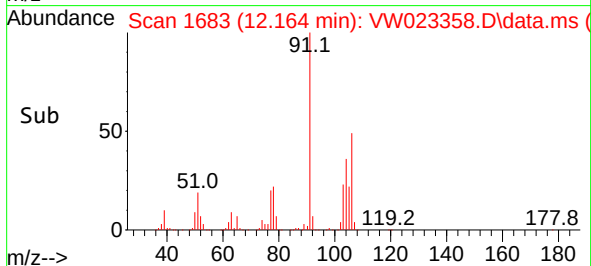
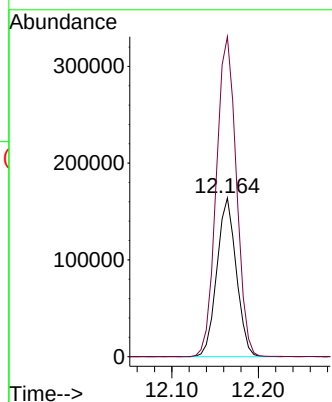
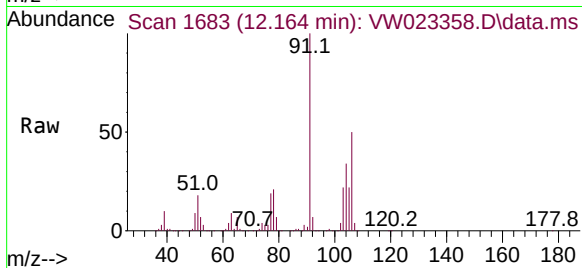




#54
o-Xylene
Concen: 25.918 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

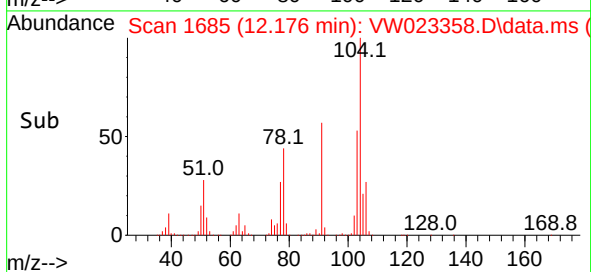
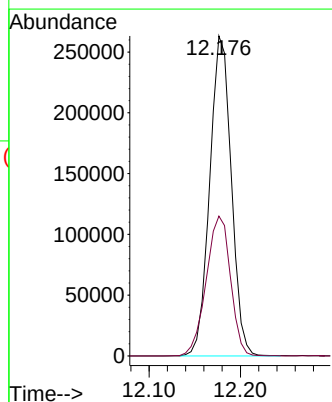
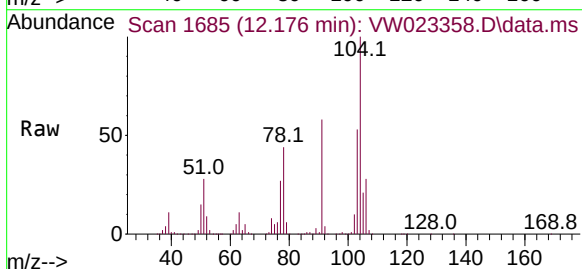
Instrument :
MSVOA_W
ClientSampleId :

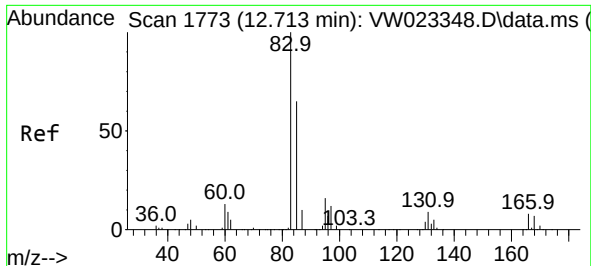
Tgt Ion:106 Resp: 255092
Ion Ratio Lower Upper
106 100
91 201.5 147.2 273.4



#55
Styrene
Concen: 25.782 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion:104 Resp: 431183
Ion Ratio Lower Upper
104 100
78 43.7 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.752 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

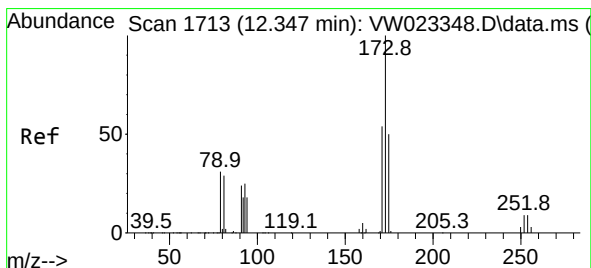
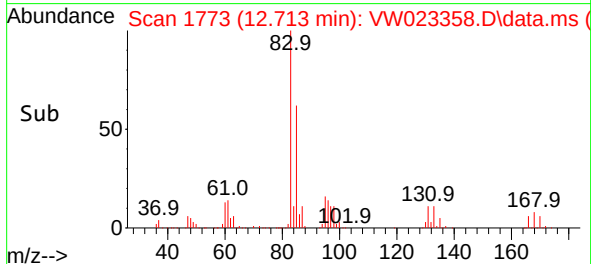
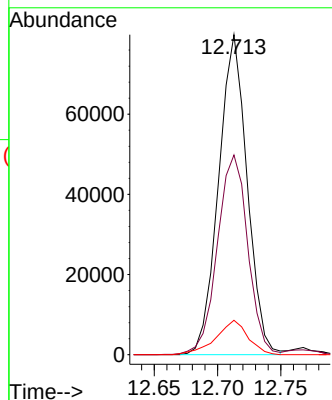
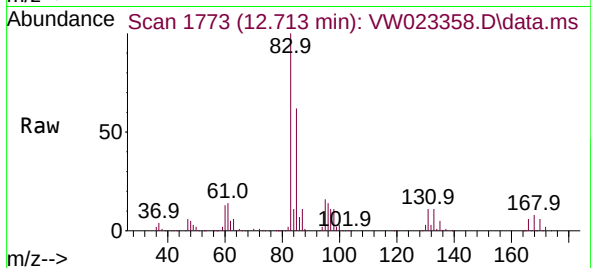
Tgt Ion: 83 Resp: 125296

Ion Ratio Lower Upper

83 100

85 62.4 47.5 88.1

131 10.7 8.7 13.1



#59

Bromoform

Concen: 23.947 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

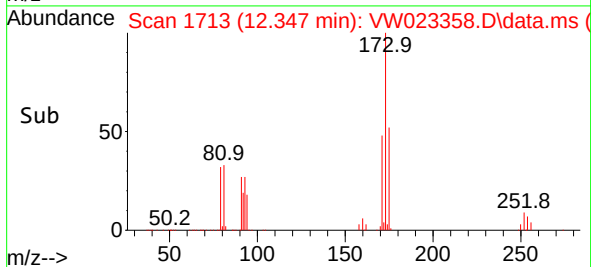
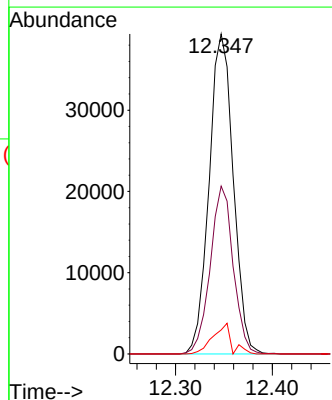
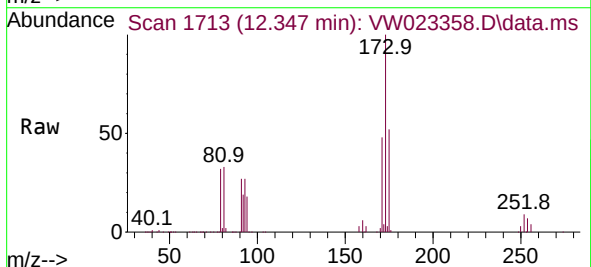
Tgt Ion:173 Resp: 68368

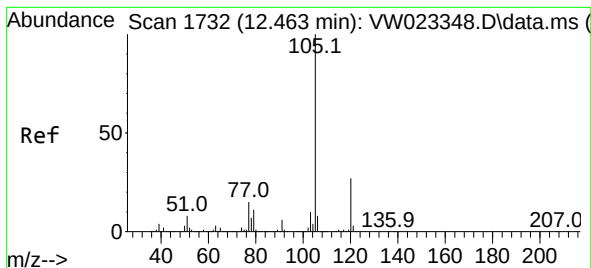
Ion Ratio Lower Upper

173 100

175 49.9 38.1 57.1

254 6.4 6.5 9.7#





#60

Isopropylbenzene

Concen: 25.219 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023358.D

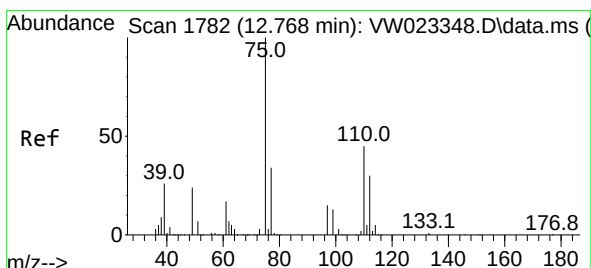
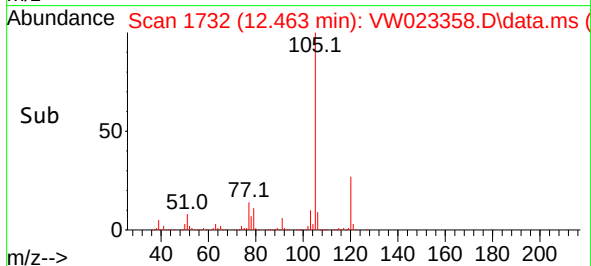
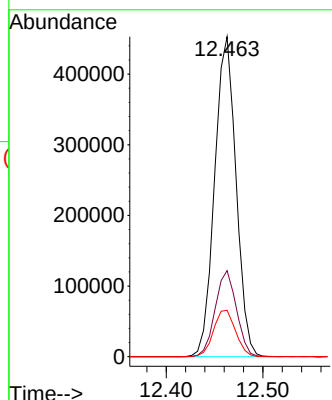
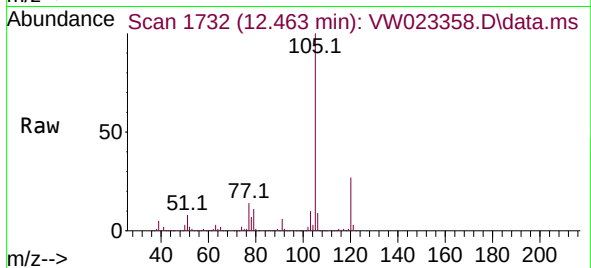
Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	696004
Ion Ratio	Lower	Upper	
105	100		
120	26.8	21.3	31.9
77	15.0	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 21.928 ug/L

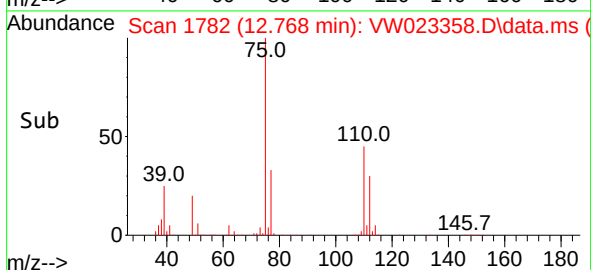
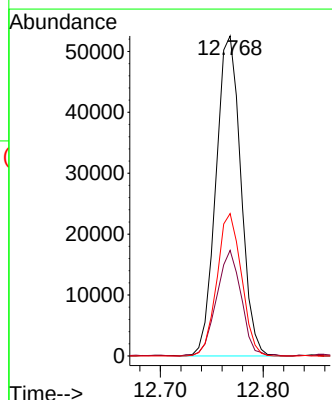
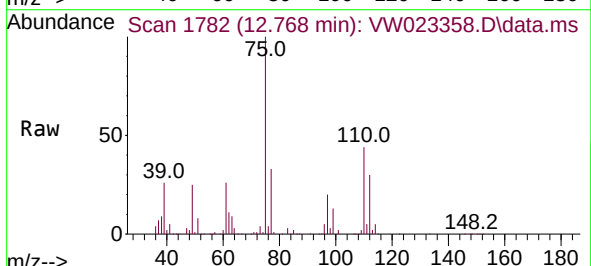
RT: 12.768 min Scan# 1782

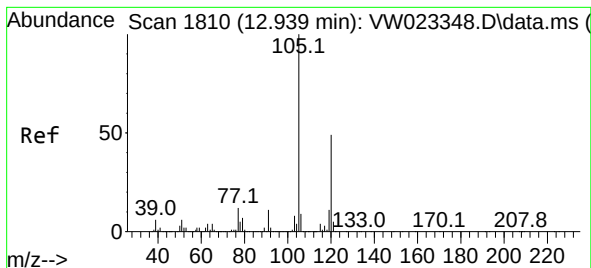
Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Tgt Ion:	75	Resp:	88266
Ion Ratio	Lower	Upper	
75	100		
77	32.5	26.2	39.2
110	43.9	34.1	51.1

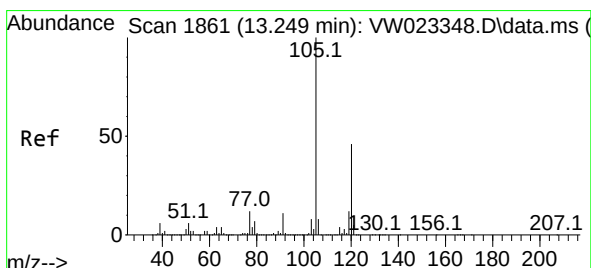
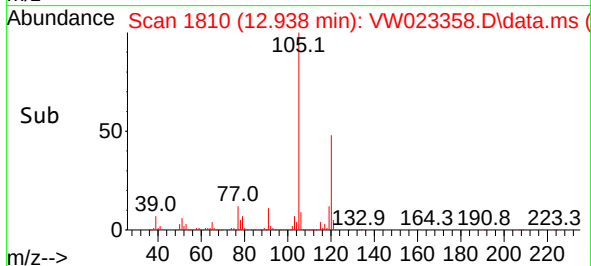
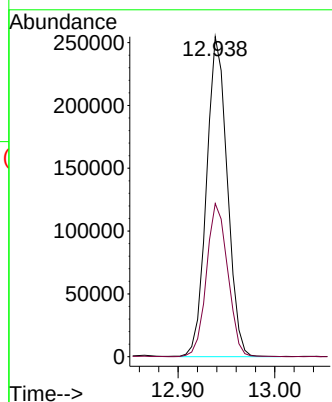
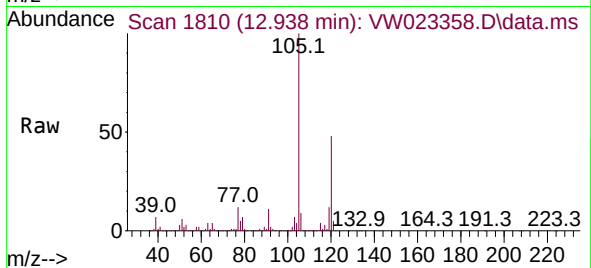




#62
1,3,5-Trimethylbenzene
Concen: 24.794 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

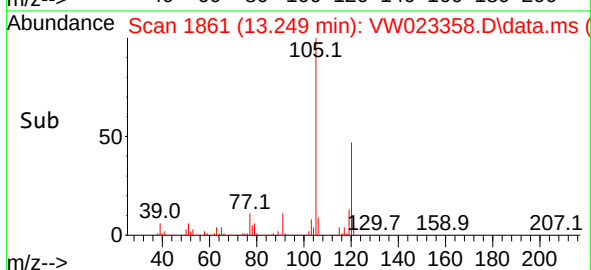
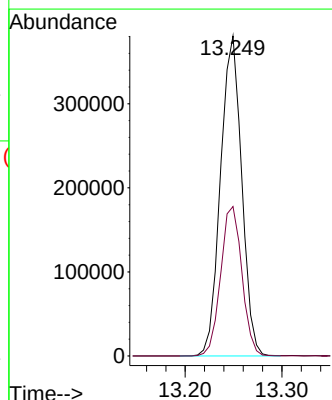
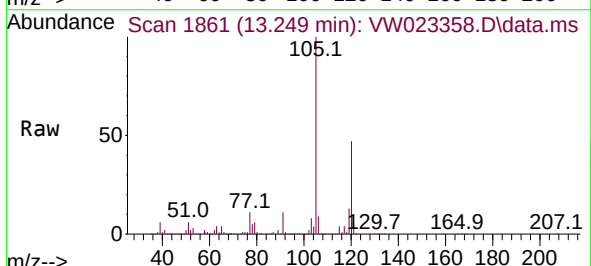
Instrument :
MSVOA_W
ClientSampleId :

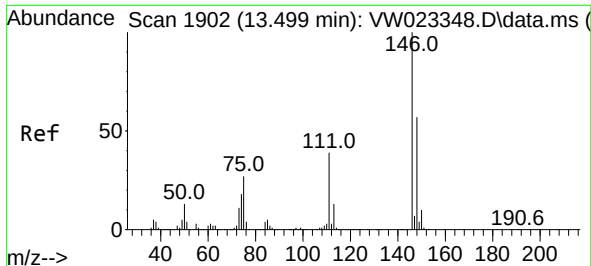
Tgt Ion:105 Resp: 380698
Ion Ratio Lower Upper
105 100
120 49.0 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.085 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion:105 Resp: 578336
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.2

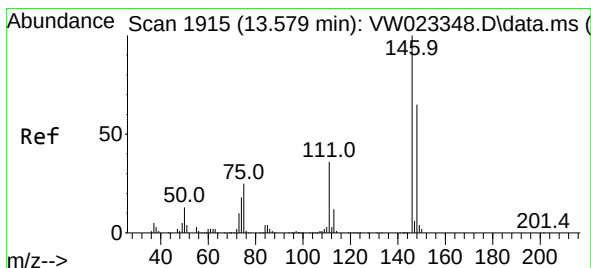
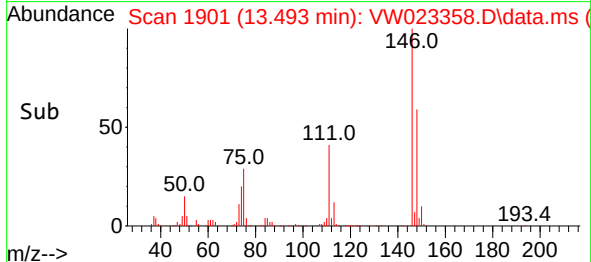
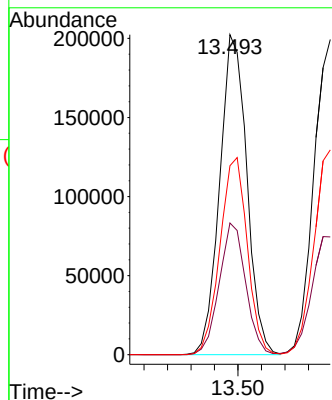
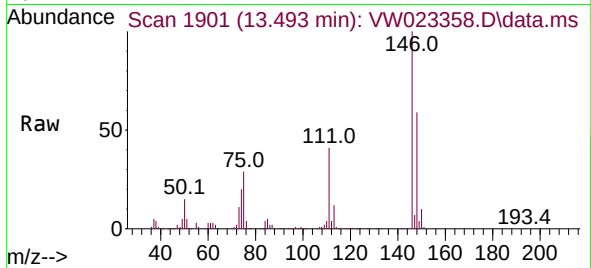




#64
1,3-Dichlorobenzene
Concen: 26.356 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

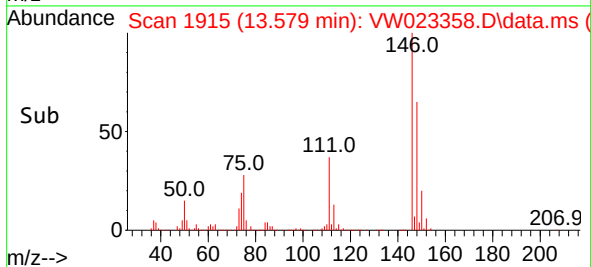
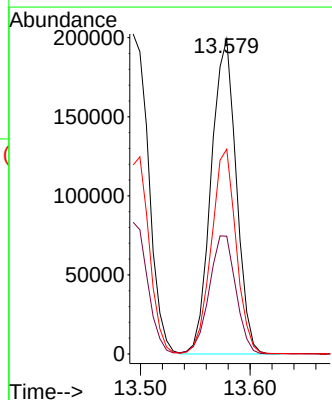
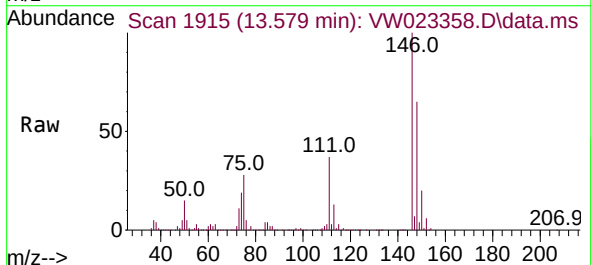
Instrument :
MSVOA_W
ClientSampleId :

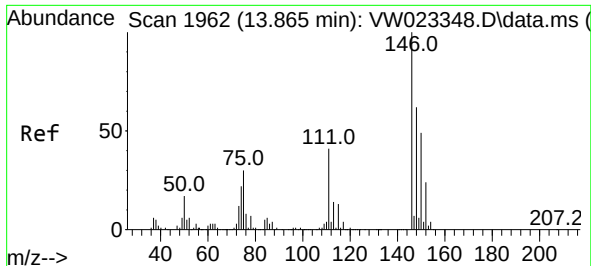
Tgt Ion:146 Resp: 324760
Ion Ratio Lower Upper
146 100
111 41.2 29.5 54.9
148 59.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.925 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023358.D
Acq: 26 May 2022 14:49

Tgt Ion:146 Resp: 317230
Ion Ratio Lower Upper
146 100
111 37.4 27.2 50.4
148 65.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.862 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

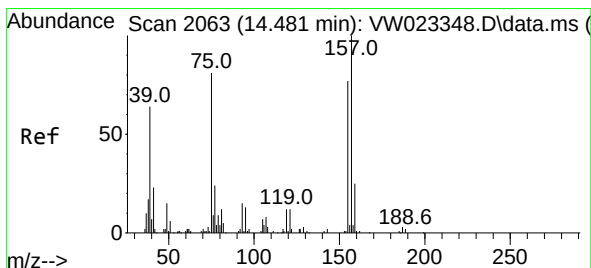
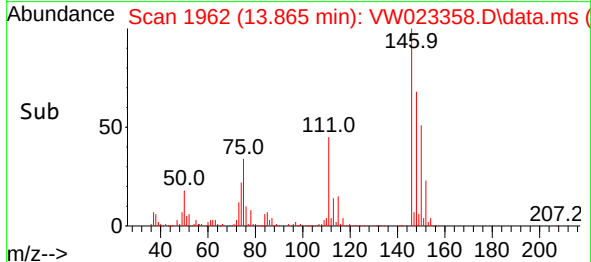
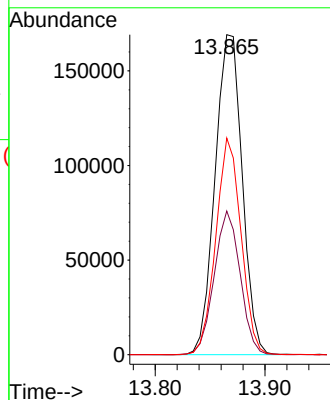
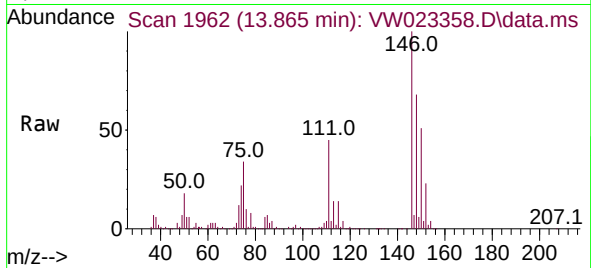
Tgt Ion:146 Resp: 291609

Ion Ratio Lower Upper

146 100

111 44.9 35.7 53.5

148 67.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.832 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

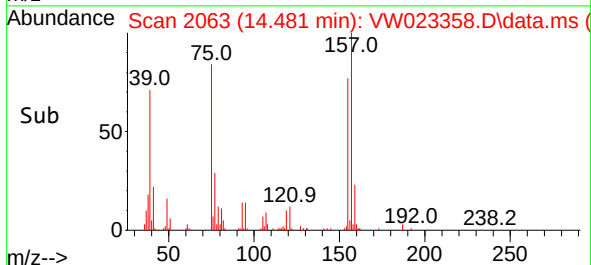
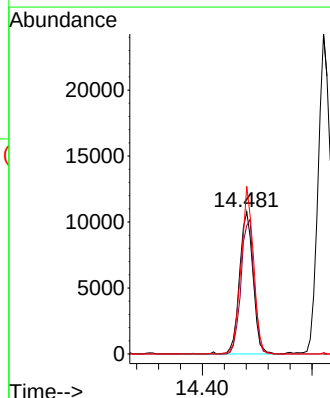
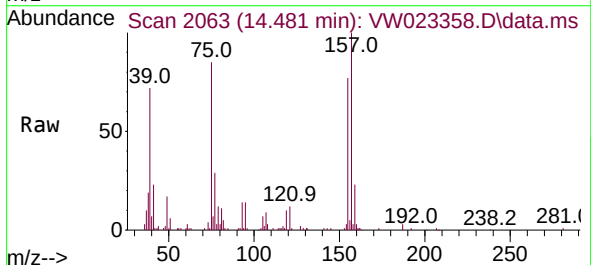
Tgt Ion: 75 Resp: 18326

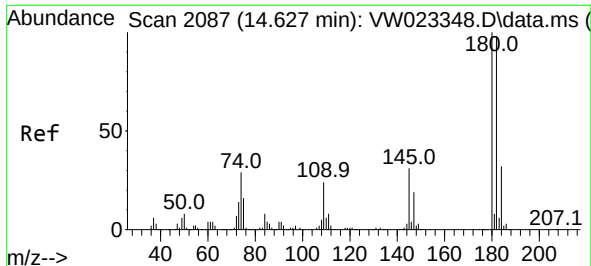
Ion Ratio Lower Upper

75 100

155 90.2 59.3 88.9#

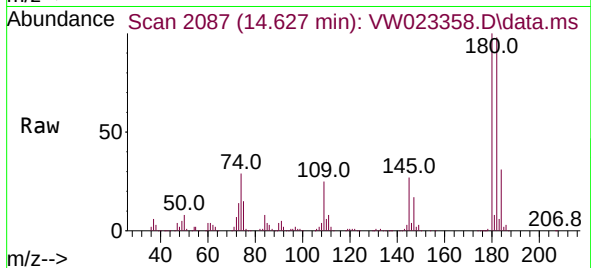
157 117.7 89.8 134.8



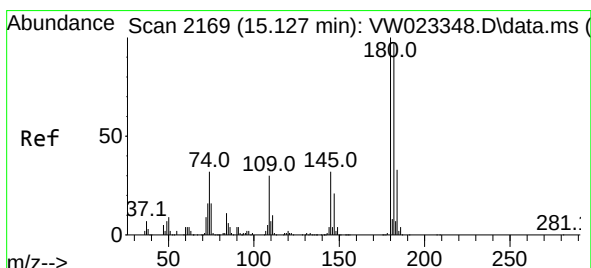
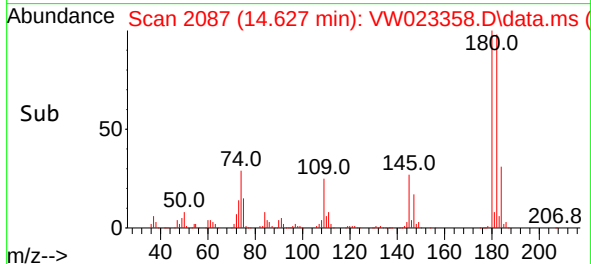
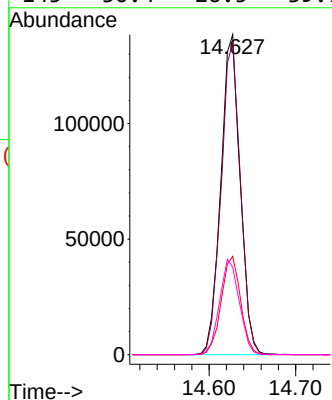


#69
 1,3,5-Trichlorobenzene
 Concen: 26.308 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023358.D
 Acq: 26 May 2022 14:49

Instrument :
 MSVOA_W
 ClientSampleId :

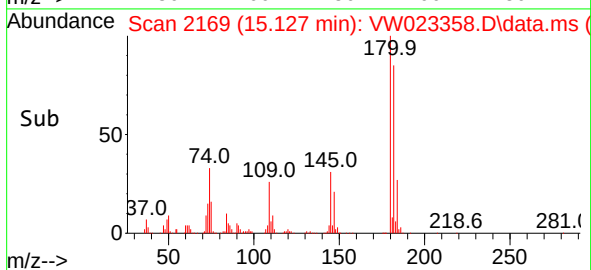
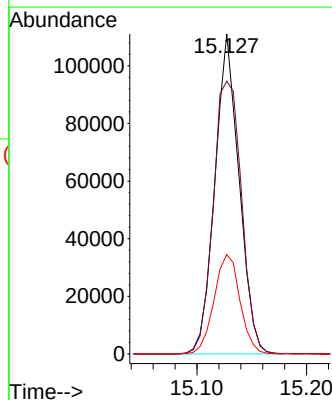
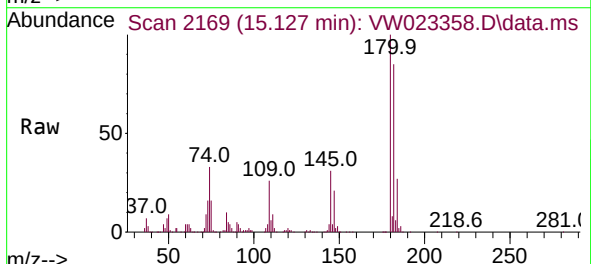


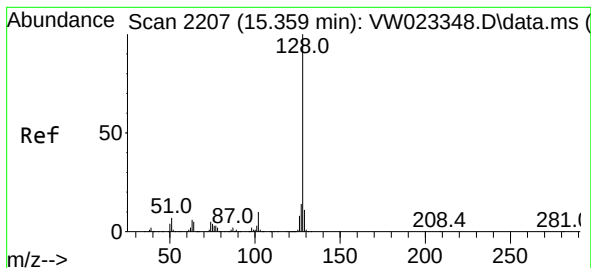
Tgt Ion:180 Resp: 215176
 Ion Ratio Lower Upper
 180 100
 182 97.2 74.8 112.2
 184 30.8 23.4 35.2
 145 30.4 26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.931 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023358.D
 Acq: 26 May 2022 14:49

Tgt Ion:180 Resp: 170610
 Ion Ratio Lower Upper
 180 100
 182 99.7 74.9 112.3
 145 33.3 26.6 39.8





#71

Naphthalene

Concen: 24.027 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

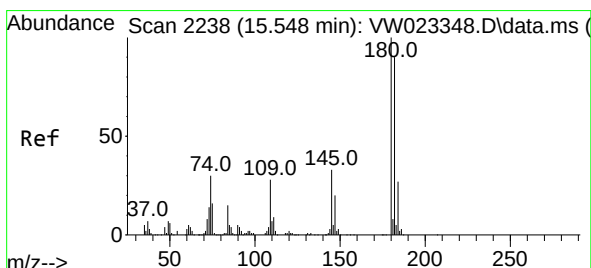
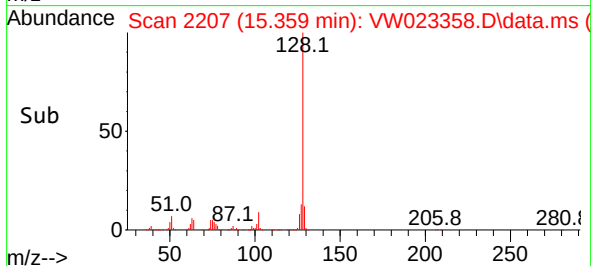
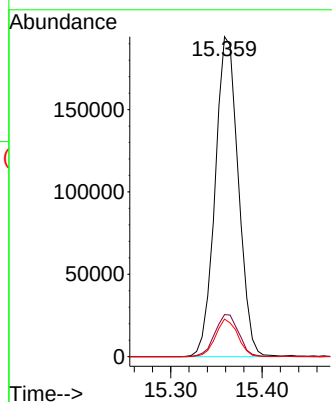
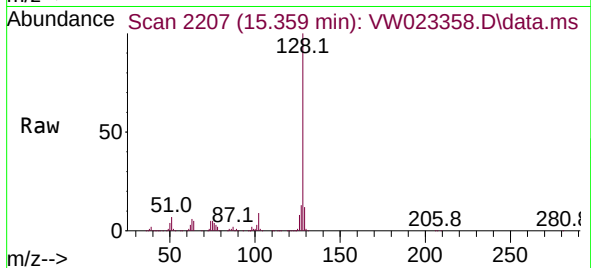
Tgt Ion:128 Resp: 343585

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.818 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023358.D

Acq: 26 May 2022 14:49

Tgt Ion:180 Resp: 150554

Ion Ratio Lower Upper

180 100

182 96.4 73.5 110.3

145 34.8 27.9 41.9

