

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028350.D
 Acq On : 08 Apr 2024 10:58
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:12:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	295695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	267777	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134693	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	24345	5.136	ug/L	0.00
7) Chloroethane-d5	2.905	69	16547	4.606	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	9785	4.874	ug/L	0.00
21) 2-Butanone-d5	7.088	46	6497	7.617	ug/L	0.00
24) Chloroform-d	7.648	84	33952	4.400	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	17971	4.482	ug/L	0.00
32) Benzene-d6	8.276	84	64797	4.430	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	18975	4.364	ug/L	0.00
41) Toluene-d8	10.325	98	56012	4.211	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	7136	4.127	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	4649	8.013	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	13182	4.297	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	17638	4.141	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	19173	4.821	ug/L	97
3) Chloromethane	2.223	50	23102	4.948	ug/L	97
5) Vinyl chloride	2.375	62	28629	5.148	ug/L	96
6) Bromomethane	2.789	94	18295	5.266	ug/L	98
8) Chloroethane	2.936	64	16642	4.965	ug/L	95
9) Trichlorofluoromethane	3.271	101	22060	4.973	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	20433	4.913	ug/L	90
12) 1,1-Dichloroethene	4.051	96	19547	5.020	ug/L	80
13) Acetone	4.125	43	8293	8.029	ug/L	83
14) Carbon disulfide	4.393	76	65740	5.096	ug/L	98
15) Methyl Acetate	4.679	43	8398	4.792	ug/L	95
16) Methylene chloride	4.917	84	24490	5.489	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	21138	5.121	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	28763	4.964	ug/L	99
19) 1,1-Dichloroethane	6.216	63	40516	5.027	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	22048	5.033	ug/L	95
22) 2-Butanone	7.179	43	10284	8.158	ug/L	99
23) Bromochloromethane	7.520	128	9726	5.154	ug/L	97
25) Chloroform	7.679	83	41050	5.196	ug/L	99
27) 1,2-Dichloroethane	8.398	62	28081	5.150	ug/L	98
29) Cyclohexane	7.959	56	34470	4.873	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	33596	5.173	ug/L	97
31) Carbon tetrachloride	8.069	117	29661	5.150	ug/L	98
33) Benzene	8.325	78	85714	5.120	ug/L	100
34) Trichloroethene	9.093	95	23332	5.142	ug/L	97
35) Methylcyclohexane	9.337	83	38784	5.009	ug/L	100
37) 1,2-Dichloropropane	9.368	63	22917	5.252	ug/L	98
38) Bromodichloromethane	9.642	83	27911	5.160	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	30025	4.685	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	20824	9.528	ug/L	97
42) Toluene	10.386	91	91523	5.160	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	23971	4.631	ug/L	98

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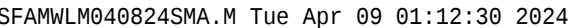
Quant Time: Apr 09 01:12:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

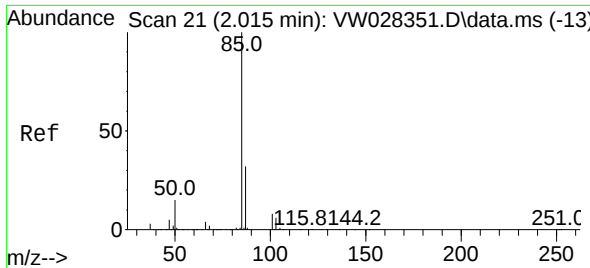
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.782	97	15320	5.190	ug/L	94
46) Tetrachloroethene	10.861	164	17799	5.252	ug/L	89
48) 2-Hexanone	10.965	43	15177	8.970	ug/L	97
49) Dibromochloromethane	11.129	129	15859	5.026	ug/L	98
50) 1,2-Dibromoethane	11.233	107	13816	5.127	ug/L	96
51) Chlorobenzene	11.654	112	57222	5.190	ug/L	96
52) Ethylbenzene	11.727	91	101852	5.066	ug/L	97
53) m,p-Xylene	11.837	106	36546	4.888	ug/L	99
54) o-Xylene	12.160	106	34557	4.964	ug/L	99
55) Styrene	12.178	104	57339	4.839	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	17401	5.208	ug/L	98
59) Bromoform	12.349	173	8565	4.817	ug/L	99
60) Isopropylbenzene	12.458	105	97418	4.824	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	12286	4.989	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	59515	4.624	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	72659	4.691	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	42359	4.944	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	45561	5.227	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	37767	5.011	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	2759	4.889	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	30526	5.177	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	22860	4.965	ug/L	92
71) Naphthalene	15.360	128	36638	4.496	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	20513	5.021	ug/L	99

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

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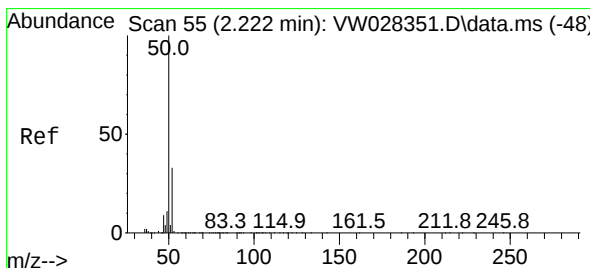
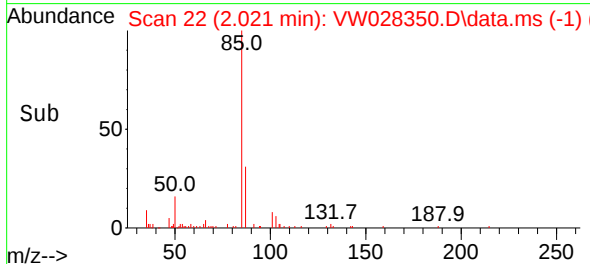
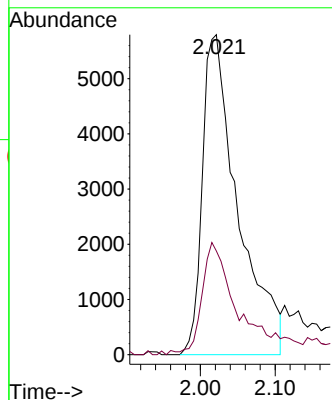
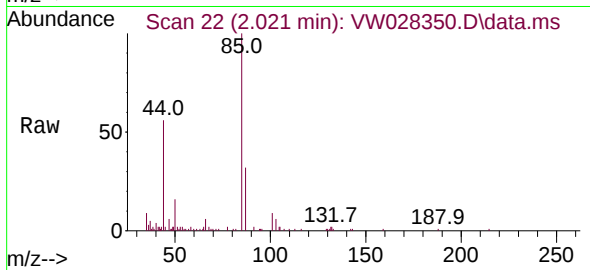




#2
Dichlorodifluoromethane
Concen: 4.821 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

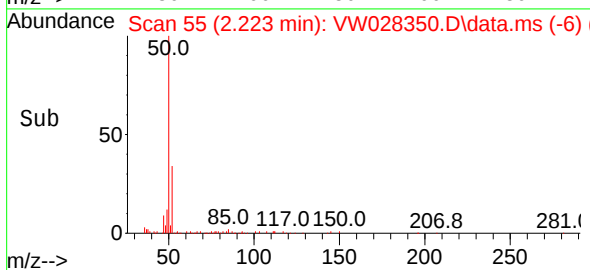
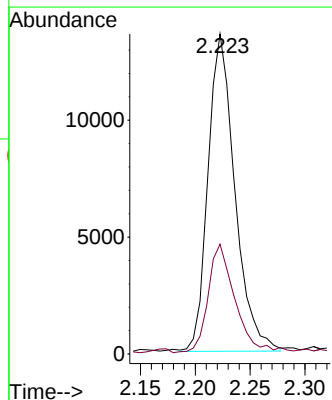
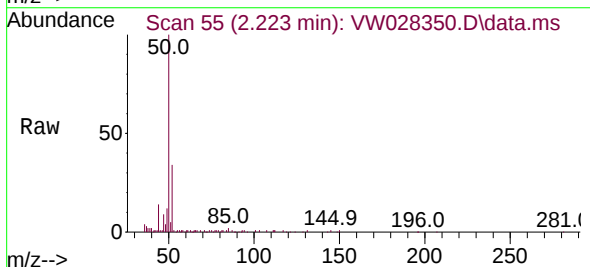
Instrument :
MSVOA_W
ClientSampleId :

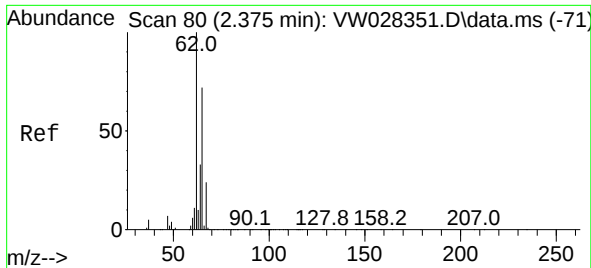
Tgt Ion: 85 Resp: 19173
Ion Ratio Lower Upper
85 100
87 30.8 23.4 35.0



#3
Chloromethane
Concen: 4.948 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

Tgt Ion: 50 Resp: 23102
Ion Ratio Lower Upper
50 100
52 34.3 23.0 42.6

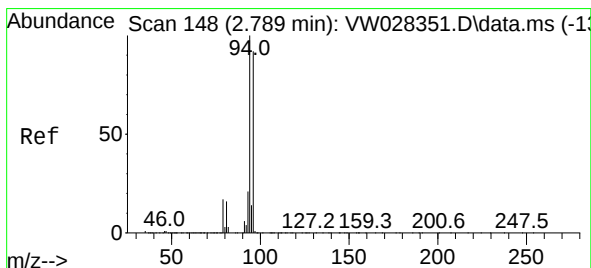
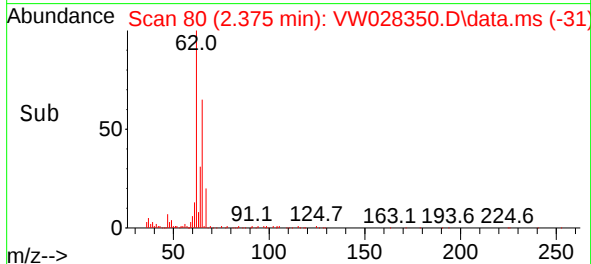
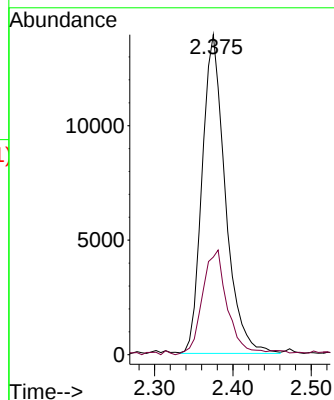
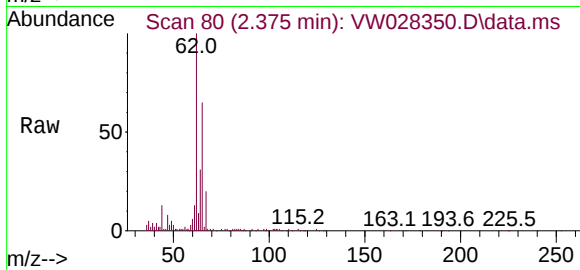




#5
 Vinyl chloride
 Concen: 5.148 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028350.D
 Acq: 08 Apr 2024 10:58

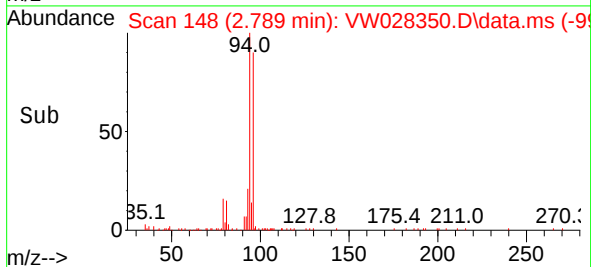
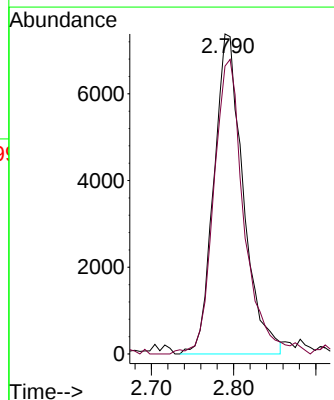
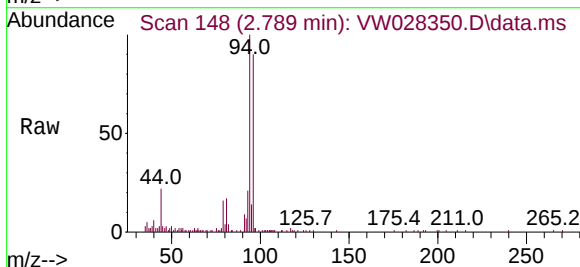
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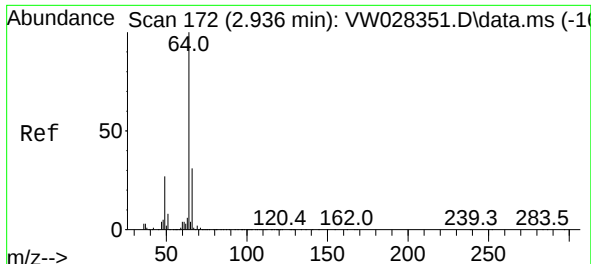
Tgt Ion: 62 Resp: 28629
 Ion Ratio Lower Upper
 62 100
 64 30.5 23.1 42.9



#6
 Bromomethane
 Concen: 5.266 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028350.D
 Acq: 08 Apr 2024 10:58

Tgt Ion: 94 Resp: 18295
 Ion Ratio Lower Upper
 94 100
 96 90.0 64.3 119.5

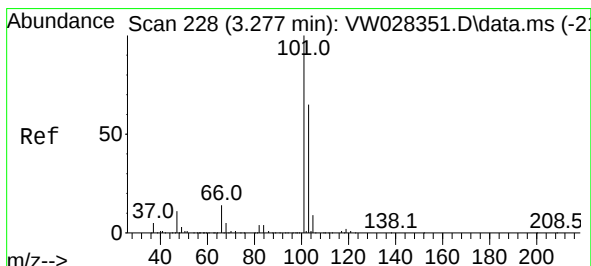
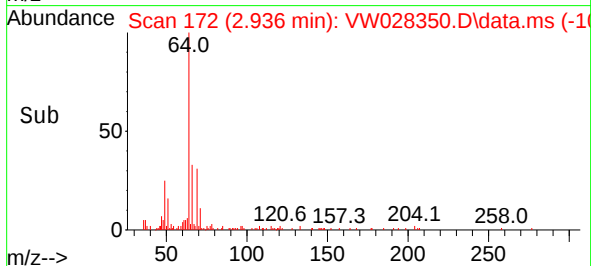
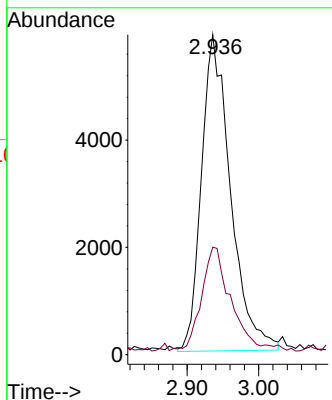
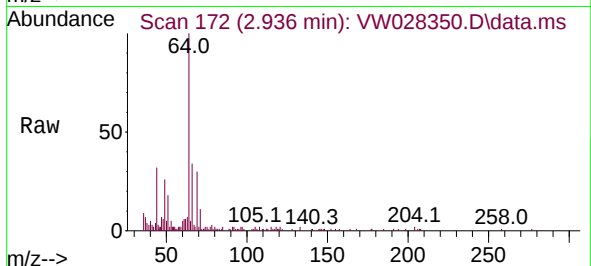




#8
Chloroethane
Concen: 4.965 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

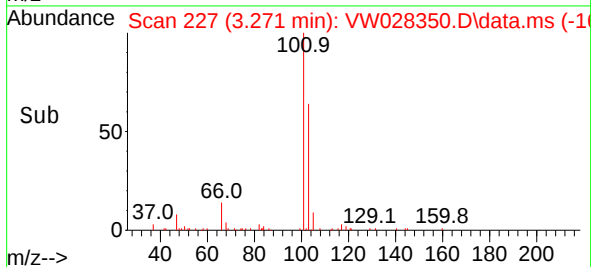
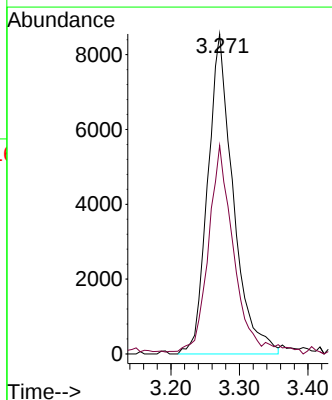
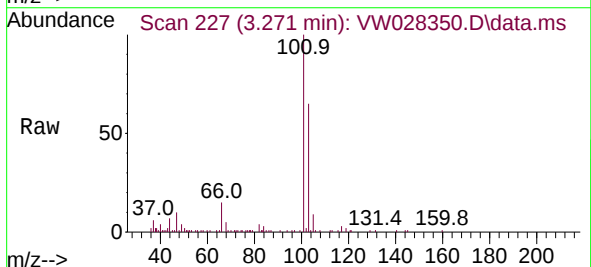
Instrument :
MSVOA_W
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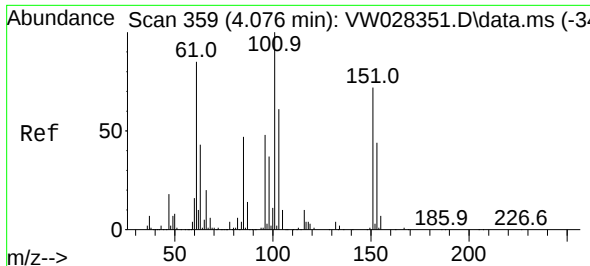
Tgt Ion: 64 Resp: 16642
Ion Ratio Lower Upper
64 100
66 33.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 4.973 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

Tgt Ion:101 Resp: 22060
Ion Ratio Lower Upper
101 100
103 60.8 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.913 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

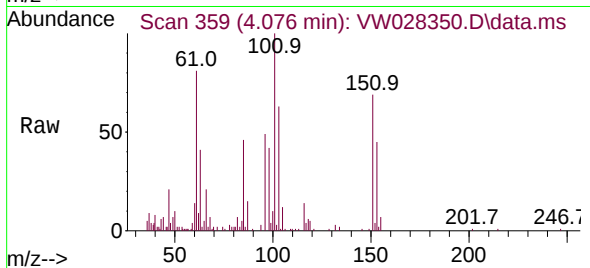
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Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :



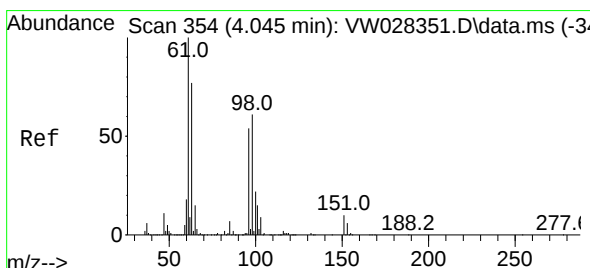
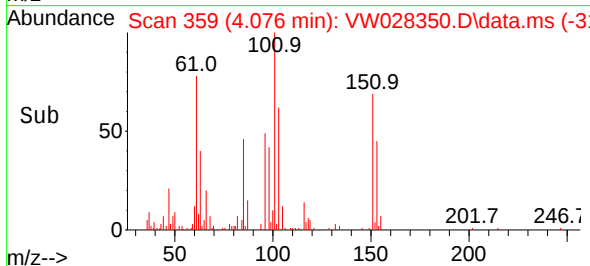
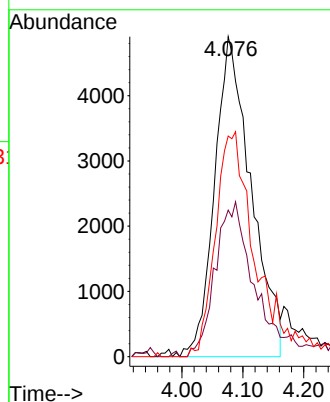
Tgt Ion:101 Resp: 20433

Ion Ratio Lower Upper

101 100

85 46.7 34.5 51.7

151 61.7 57.5 86.3



#12

1,1-Dichloroethene

Concen: 5.020 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

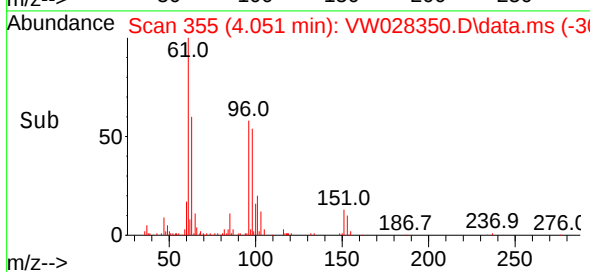
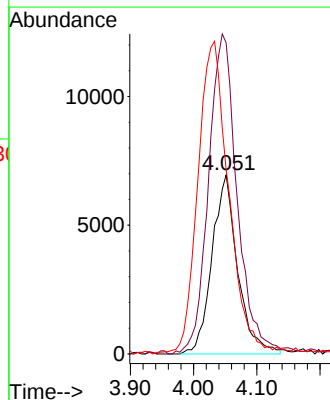
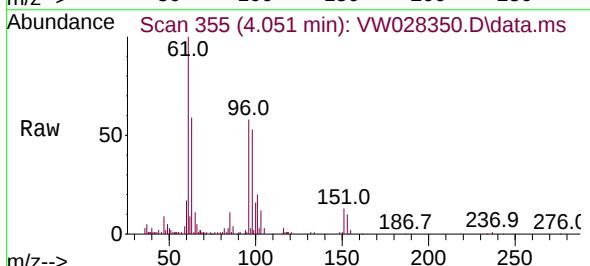
Tgt Ion: 96 Resp: 19547

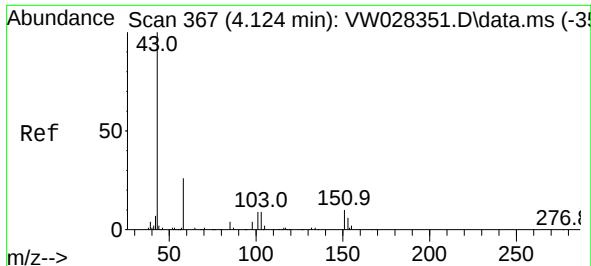
Ion Ratio Lower Upper

96 100

61 173.8 130.5 242.5

63 103.1 101.5 188.5

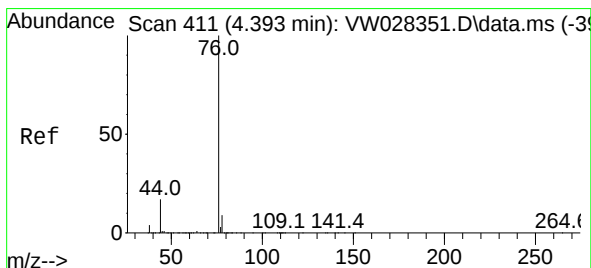
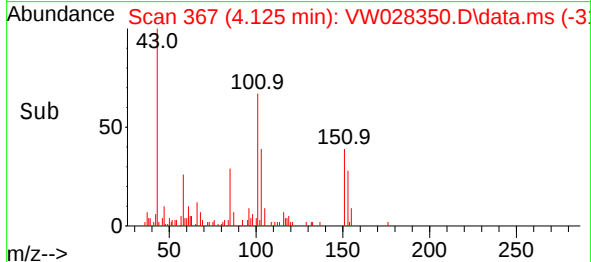
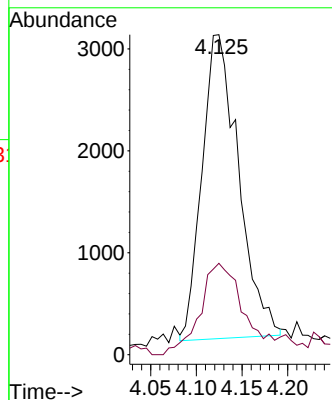
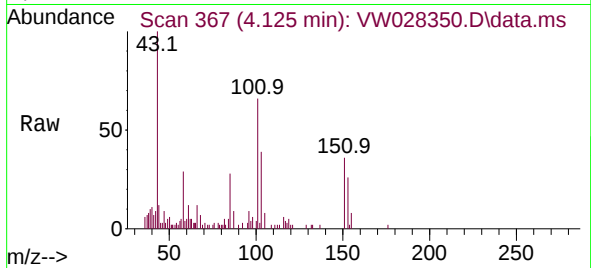




#13
Acetone
Concen: 8.029 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

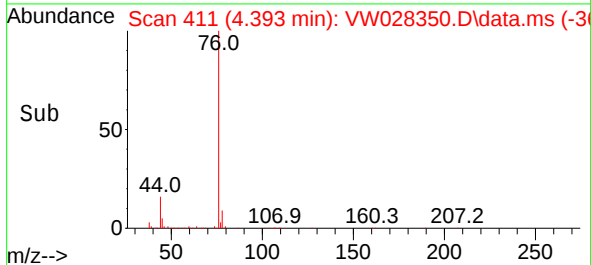
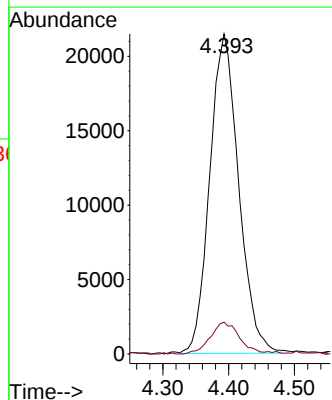
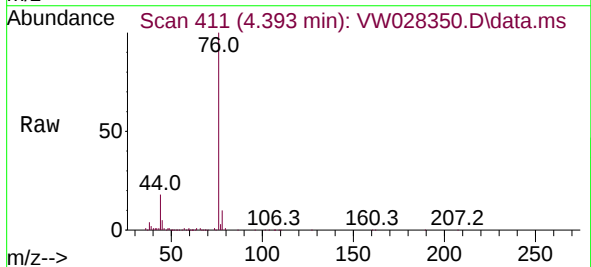
Instrument :
MSVOA_W
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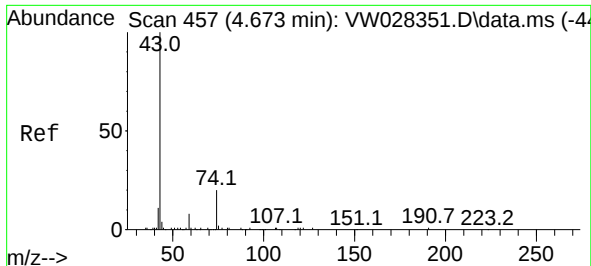
Tgt Ion: 43 Resp: 8293
Ion Ratio Lower Upper
43 100
58 35.6 0.0 53.4



#14
Carbon disulfide
Concen: 5.096 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

Tgt Ion: 76 Resp: 65740
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9





#15

Methyl Acetate

Concen: 4.792 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

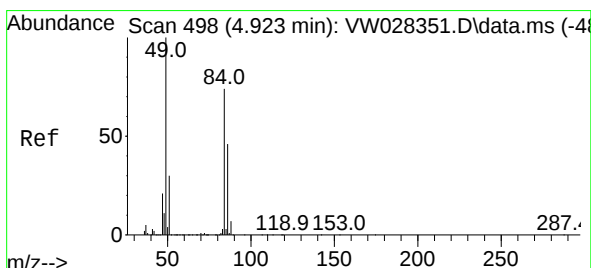
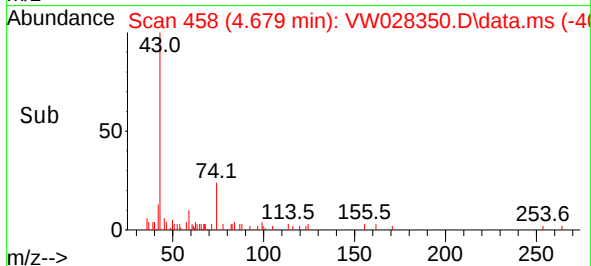
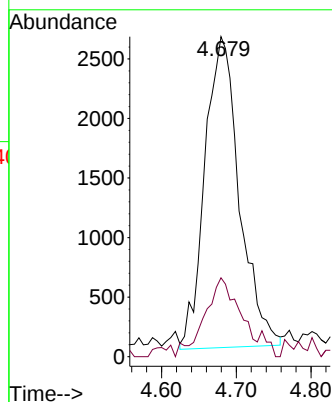
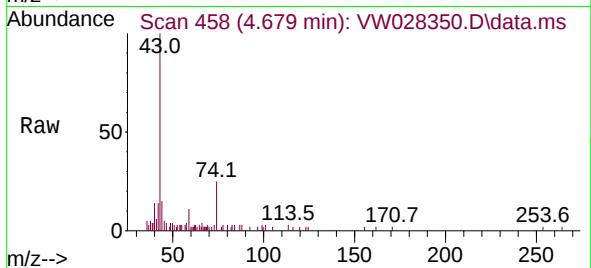
ClientSampleId :

Tgt Ion: 43 Resp: 8398

Ion Ratio Lower Upper

43 100

74 24.3 17.4 26.0



#16

Methylene chloride

Concen: 5.489 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

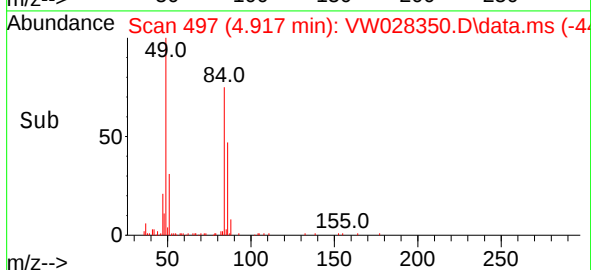
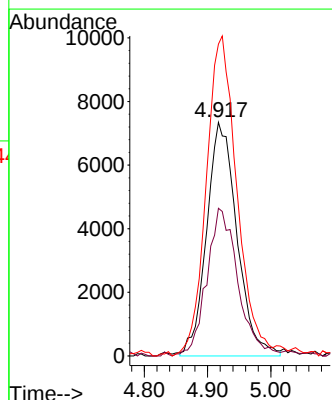
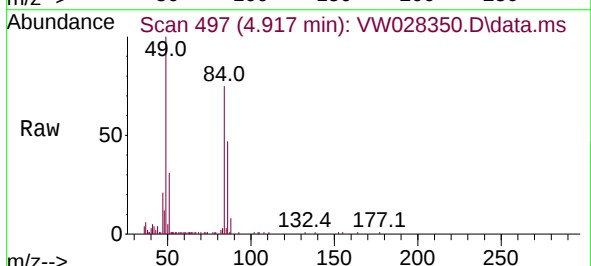
Tgt Ion: 84 Resp: 24490

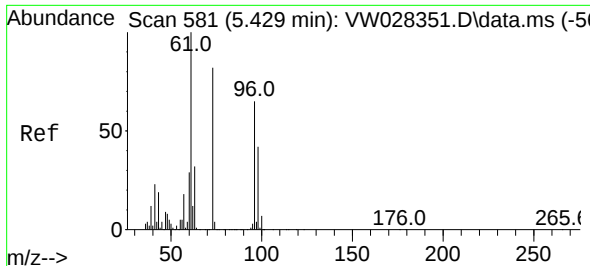
Ion Ratio Lower Upper

84 100

86 63.2 44.2 82.0

49 133.5 95.0 176.4





#17

trans-1,2-Dichloroethene

Concen: 5.121 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

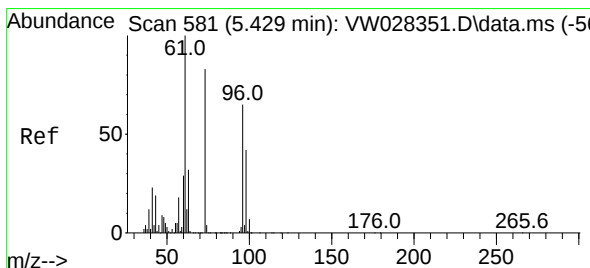
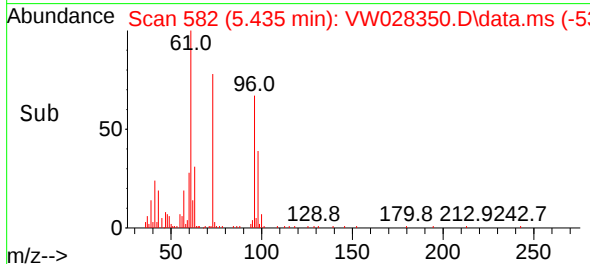
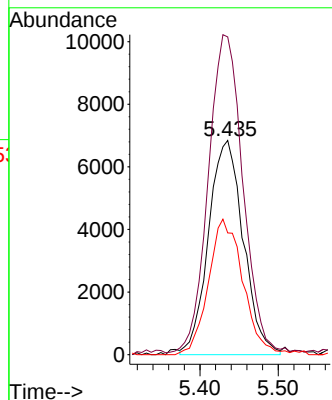
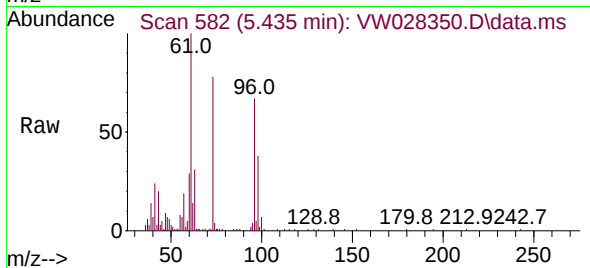
Tgt Ion: 96 Resp: 21138

Ion Ratio Lower Upper

96 100

61 148.4 108.4 201.4

98 56.9 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 4.964 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

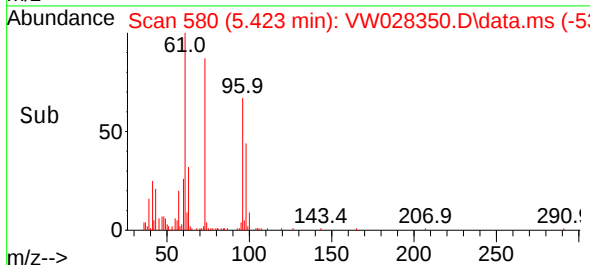
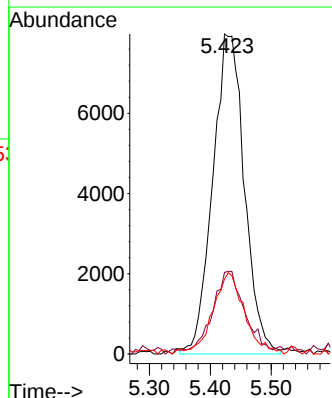
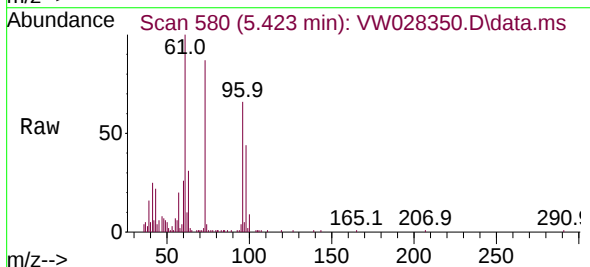
Tgt Ion: 73 Resp: 28763

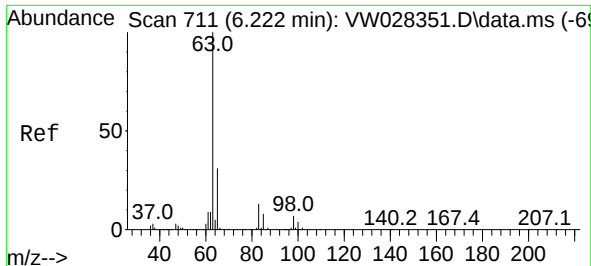
Ion Ratio Lower Upper

73 100

43 22.4 18.5 27.7

57 22.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 5.027 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

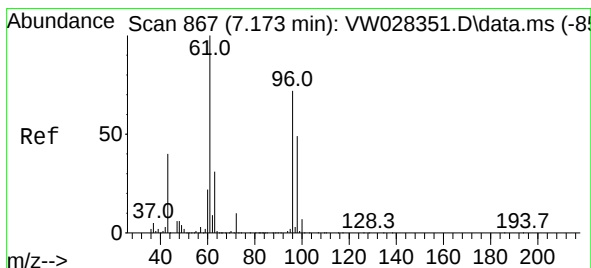
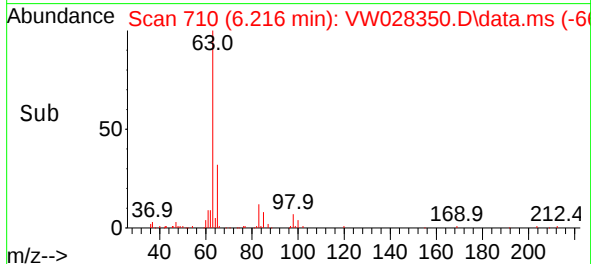
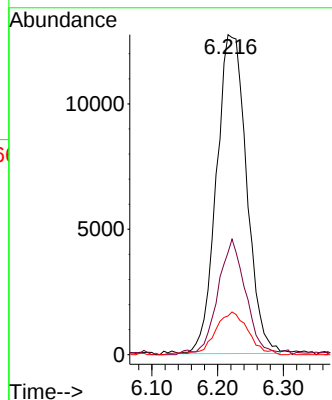
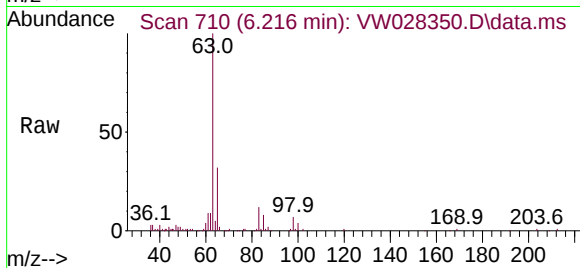
Tgt Ion: 63 Resp: 40516

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.4

83 12.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 5.033 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

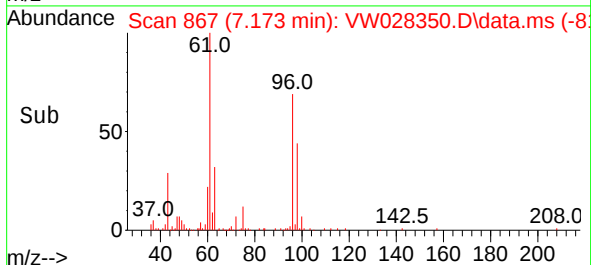
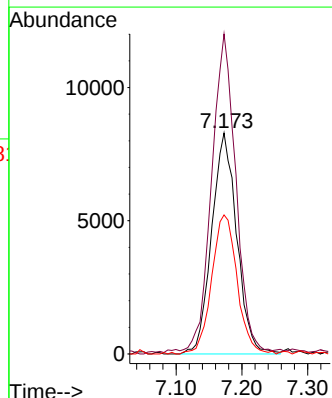
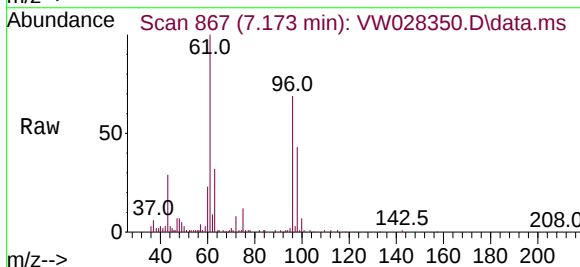
Tgt Ion: 96 Resp: 22048

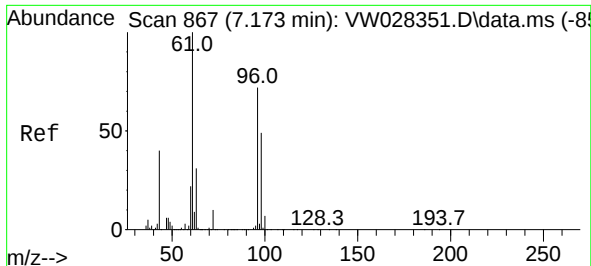
Ion Ratio Lower Upper

96 100

61 144.9 97.6 181.2

98 62.9 47.7 88.5





#22

2-Butanone

Concen: 8.158 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

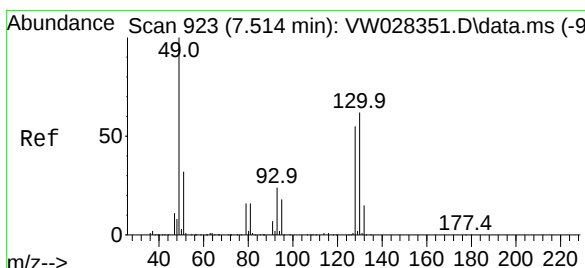
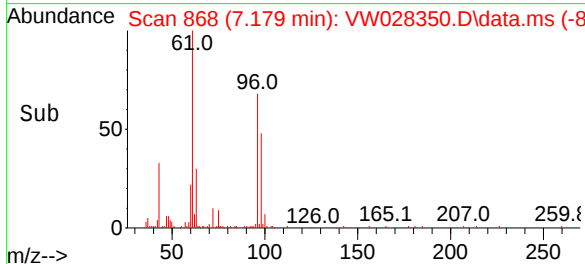
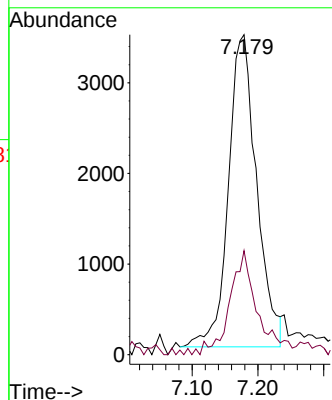
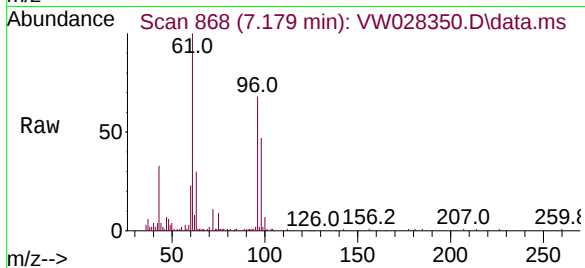
ClientSampleId :

Tgt Ion: 43 Resp: 10284

Ion Ratio Lower Upper

43 100

72 24.8 12.8 38.4



#23

Bromochloromethane

Concen: 5.154 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Tgt Ion: 128 Resp: 9726

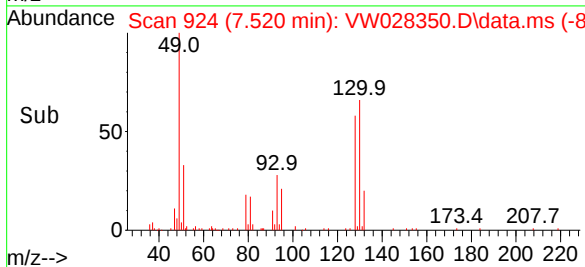
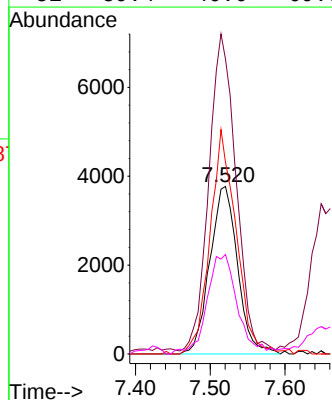
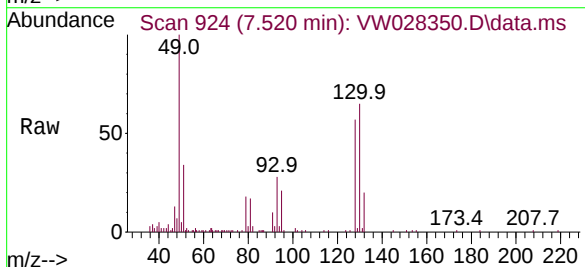
Ion Ratio Lower Upper

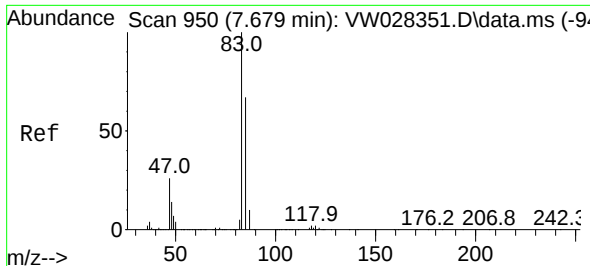
128 100

49 176.1 127.1 236.0

130 114.5 78.3 145.5

51 59.4 46.0 69.0

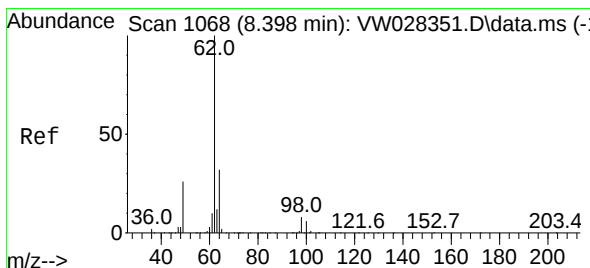
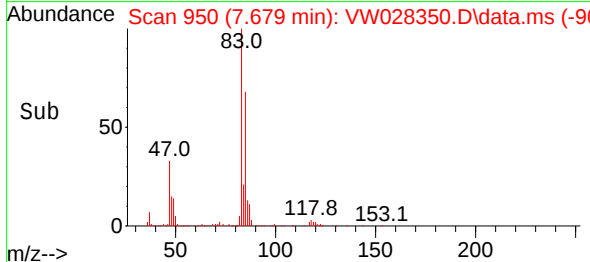
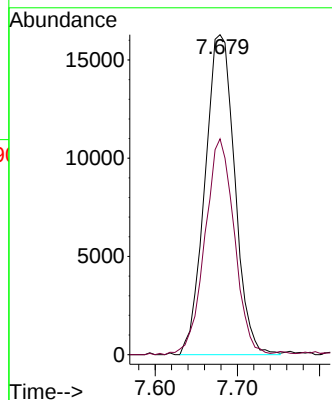
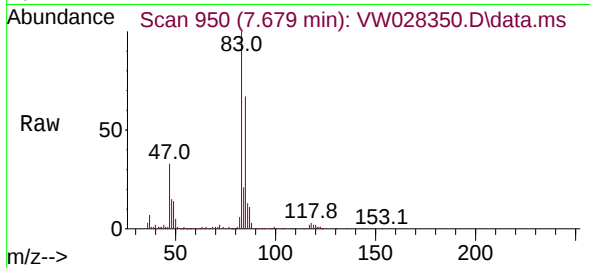




#25
Chloroform
Concen: 5.196 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

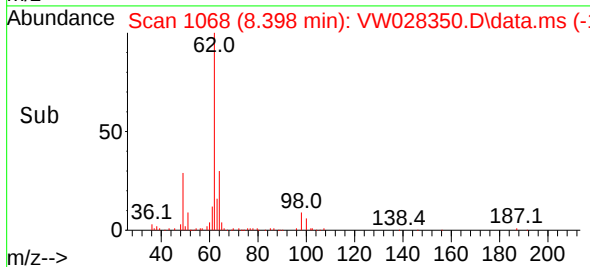
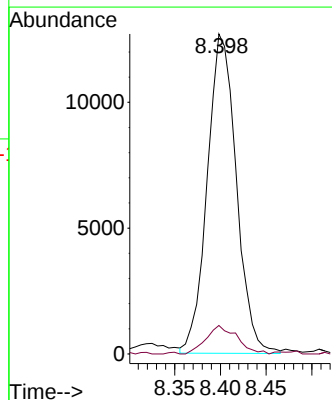
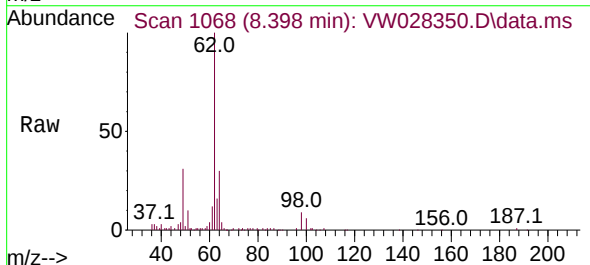
Instrument :
MSVOA_W
ClientSampleId :

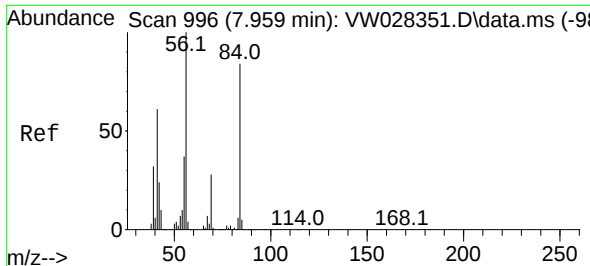
Tgt Ion: 83 Resp: 41050
Ion Ratio Lower Upper
83 100
85 67.5 47.7 88.7



#27
1,2-Dichloroethane
Concen: 5.150 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

Tgt Ion: 62 Resp: 28081
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 4.873 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

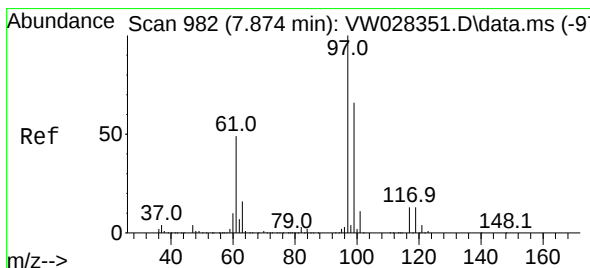
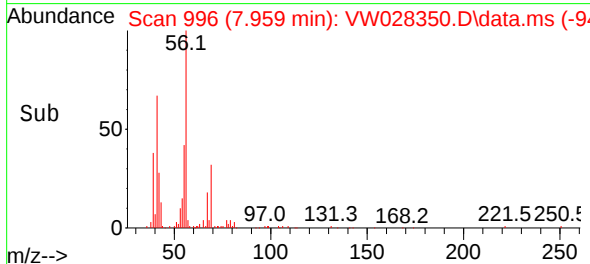
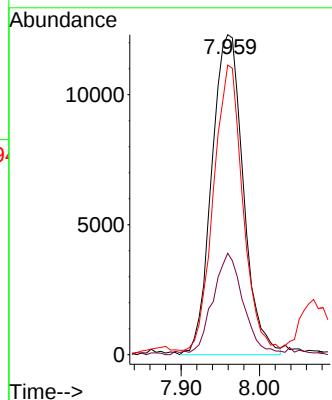
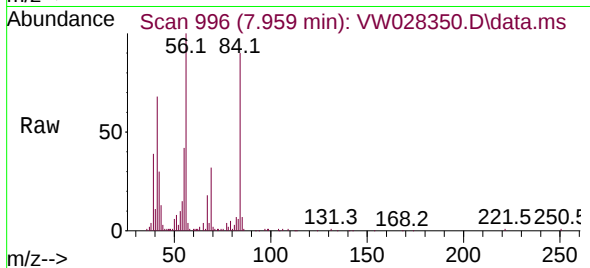
Tgt Ion: 56 Resp: 34470

Ion Ratio Lower Upper

56 100

69 29.3 23.8 35.6

84 84.5 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 5.173 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

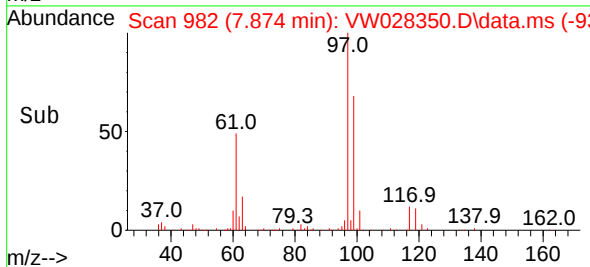
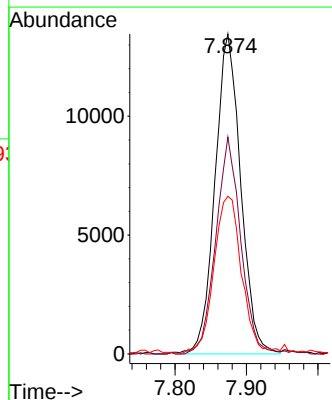
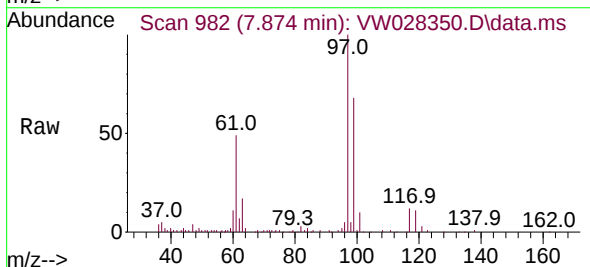
Tgt Ion: 97 Resp: 33596

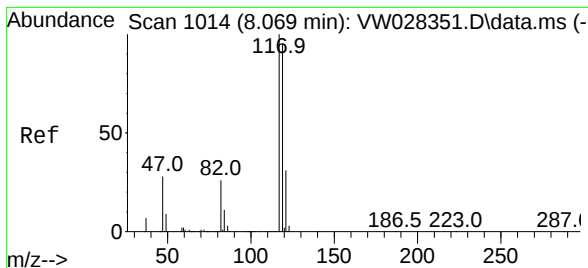
Ion Ratio Lower Upper

97 100

99 65.6 51.4 77.2

61 53.6 40.5 60.7





#31

Carbon tetrachloride

Concen: 5.150 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

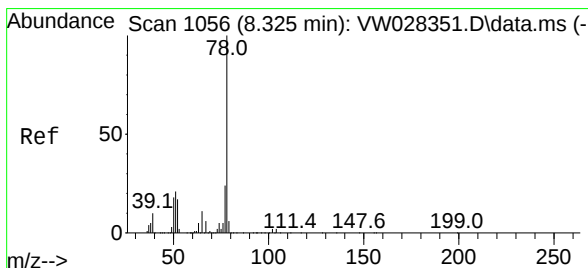
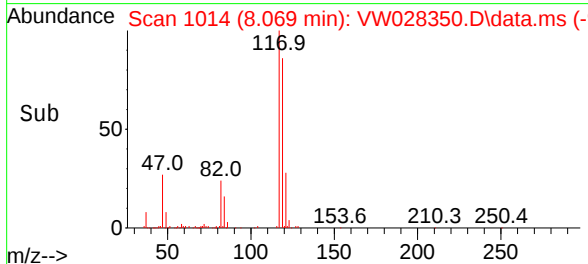
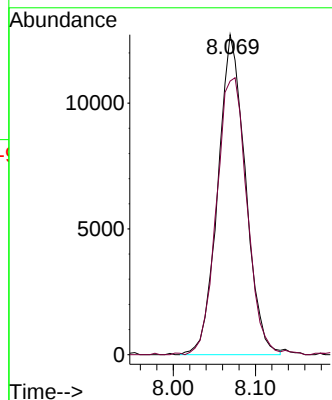
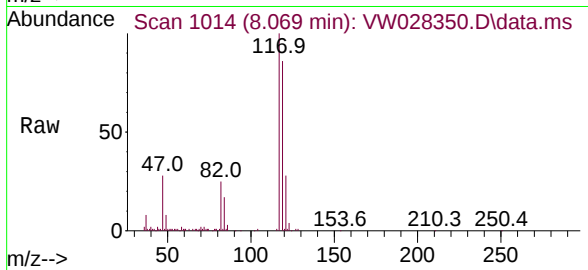
ClientSampleId :

Tgt Ion:117 Resp: 29661

Ion Ratio Lower Upper

117 100

119 94.9 77.4 116.2



#33

Benzene

Concen: 5.120 ug/L

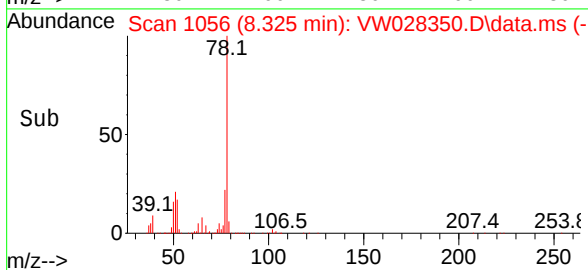
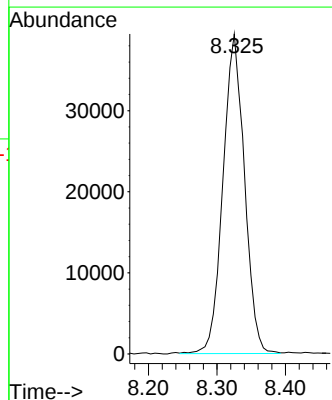
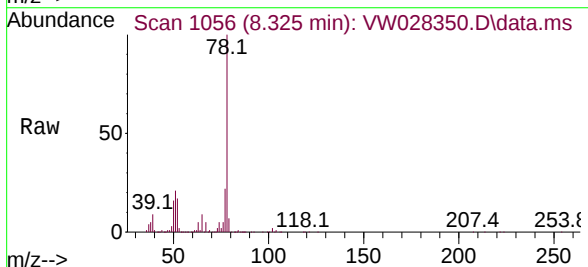
RT: 8.325 min Scan# 1056

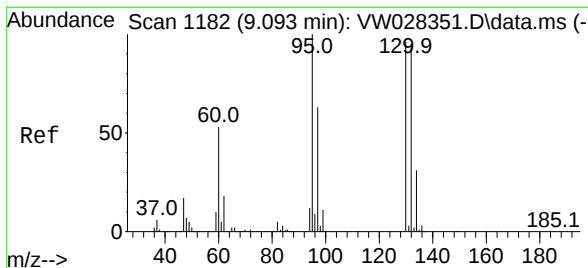
Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Tgt Ion: 78 Resp: 85714





#34

Trichloroethene

Concen: 5.142 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

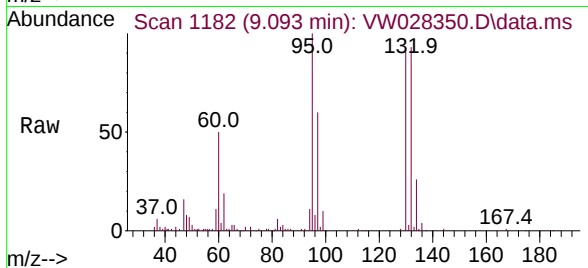
Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 23332

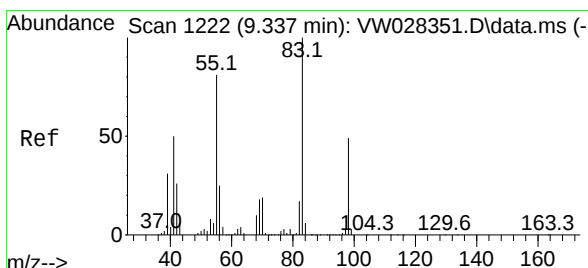
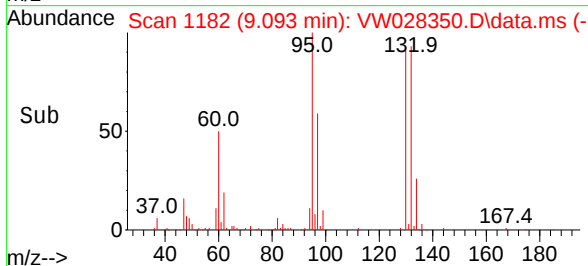
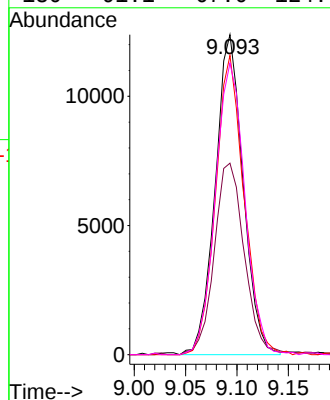
Ion Ratio Lower Upper

95 100

97 59.9 43.8 81.4

132 93.5 66.1 122.8

130 91.1 67.0 124.4



#35

Methylcyclohexane

Concen: 5.009 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

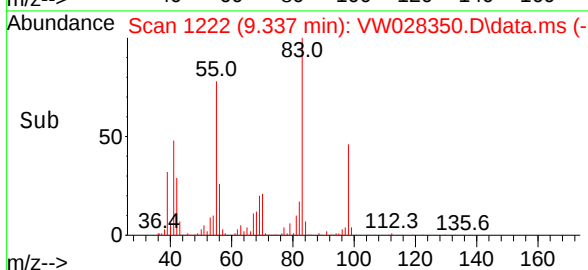
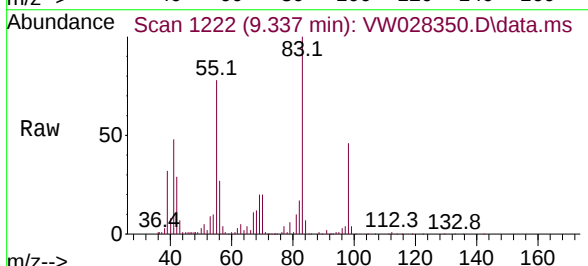
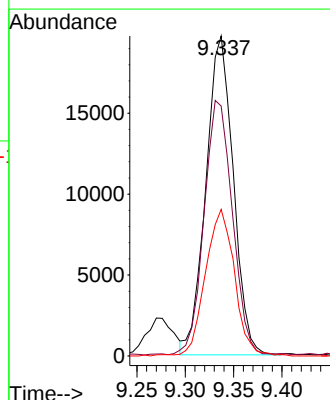
Tgt Ion: 83 Resp: 38784

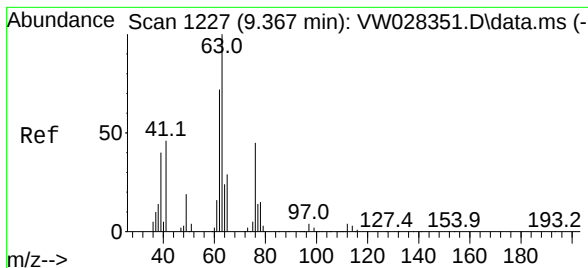
Ion Ratio Lower Upper

83 100

55 82.4 65.7 98.5

98 48.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.252 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

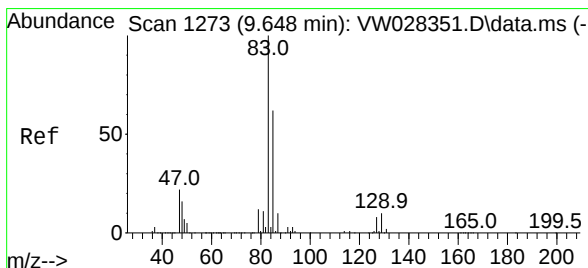
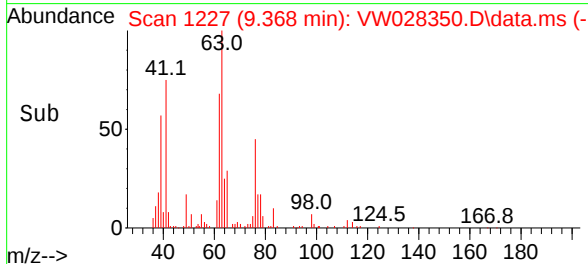
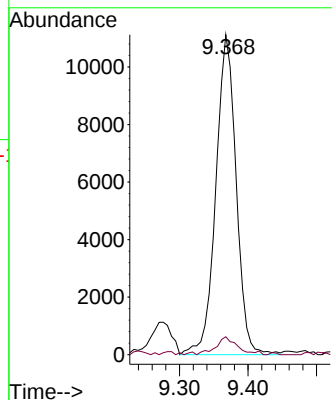
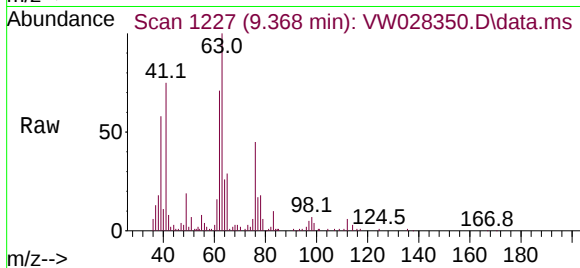
ClientSampleId :

Tgt Ion: 63 Resp: 22917

Ion Ratio Lower Upper

63 100

112 5.1 3.6 5.4



#38

Bromodichloromethane

Concen: 5.160 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

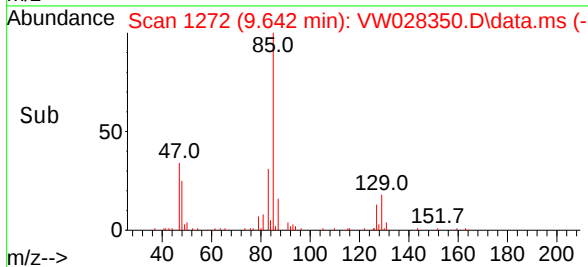
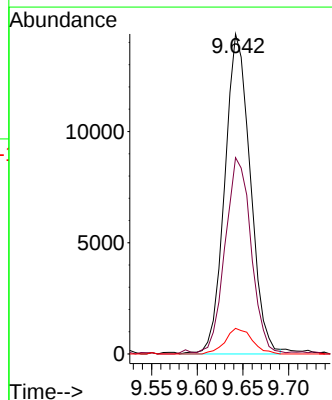
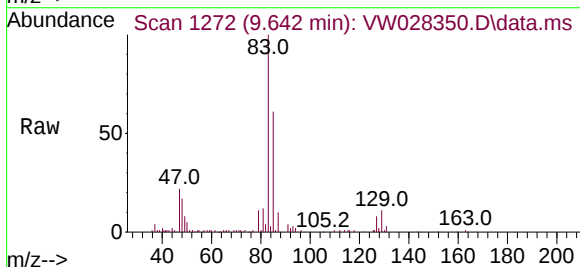
Tgt Ion: 83 Resp: 27911

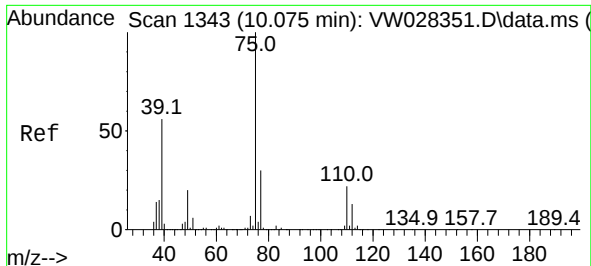
Ion Ratio Lower Upper

83 100

85 61.4 43.1 80.1

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.685 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

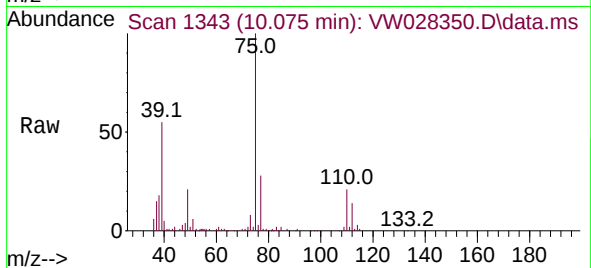
Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

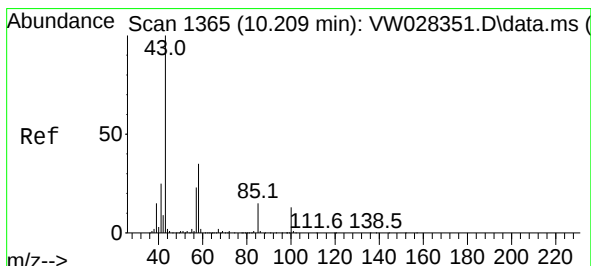
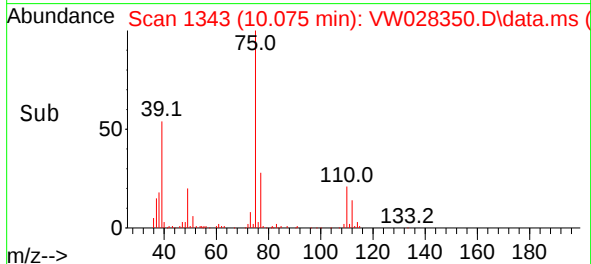
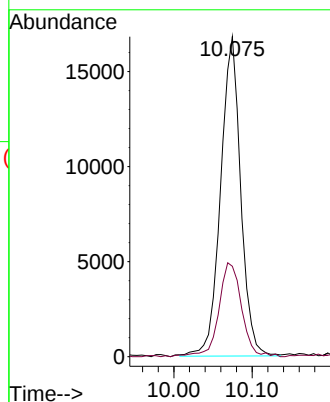


Tgt Ion: 75 Resp: 30025

Ion Ratio Lower Upper

75 100

77 28.3 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 9.528 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

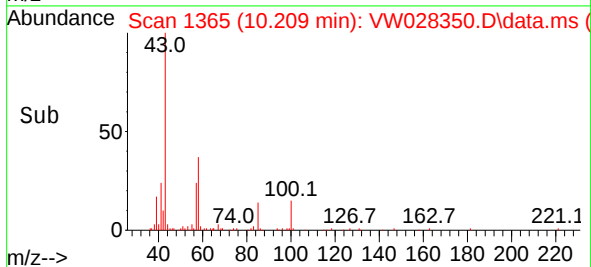
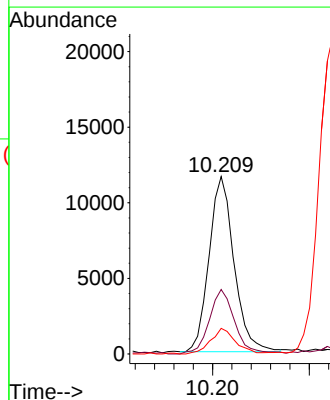
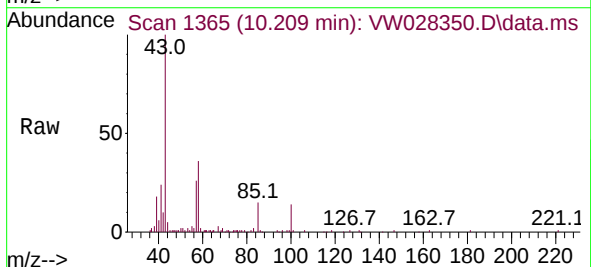
Tgt Ion: 43 Resp: 20824

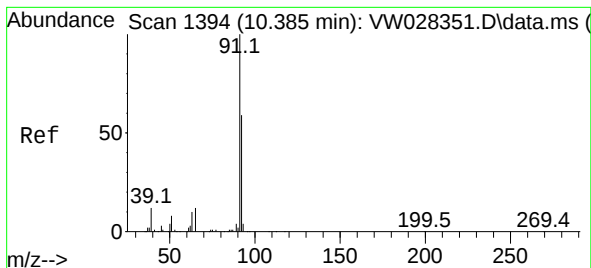
Ion Ratio Lower Upper

43 100

58 37.4 28.6 43.0

100 14.5 10.6 16.0





#42

Toluene

Concen: 5.160 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

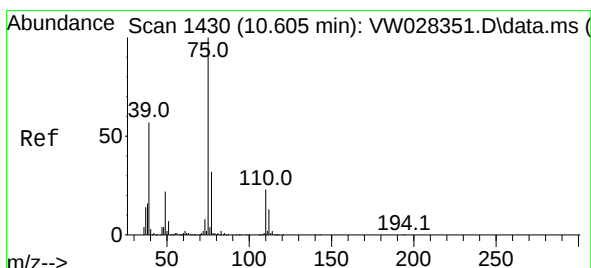
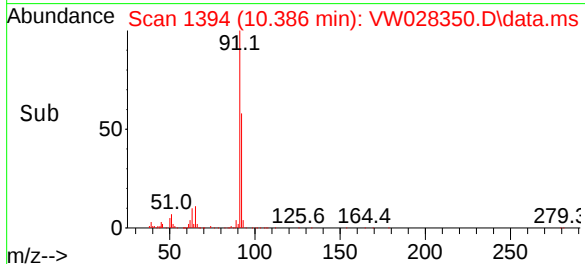
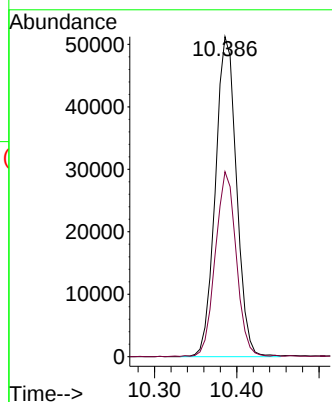
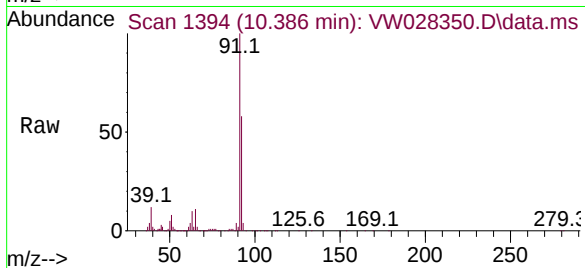
ClientSampleId :

Tgt Ion: 91 Resp: 91523

Ion Ratio Lower Upper

91 100

92 57.8 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 4.631 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028350.D

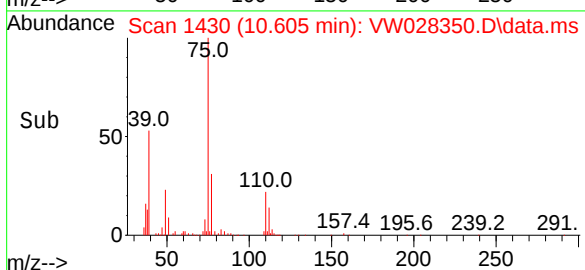
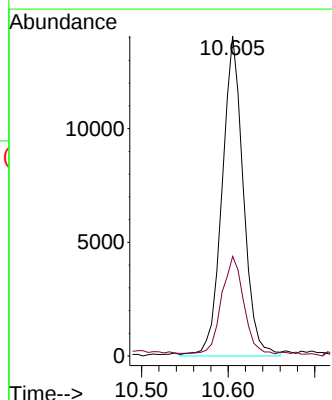
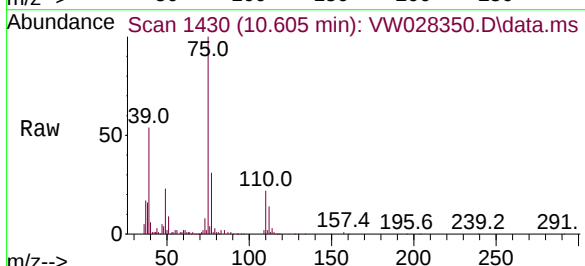
Acq: 08 Apr 2024 10:58

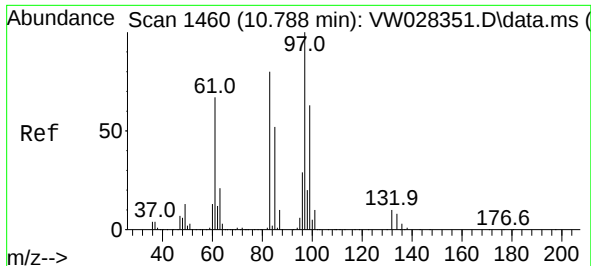
Tgt Ion: 75 Resp: 23971

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.190 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 15320

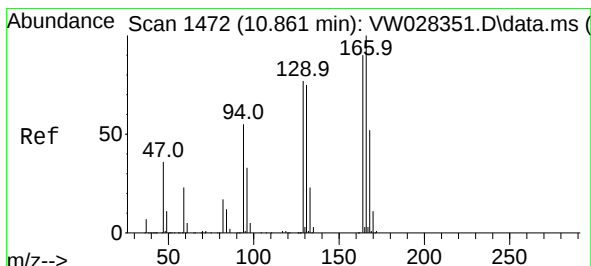
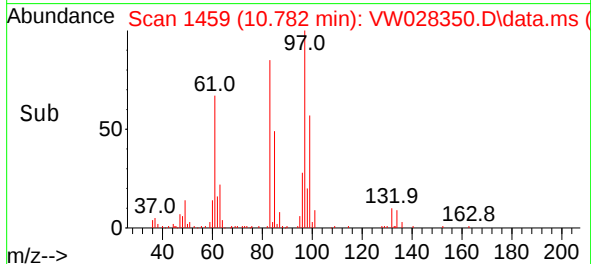
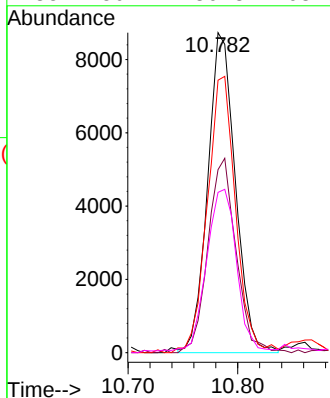
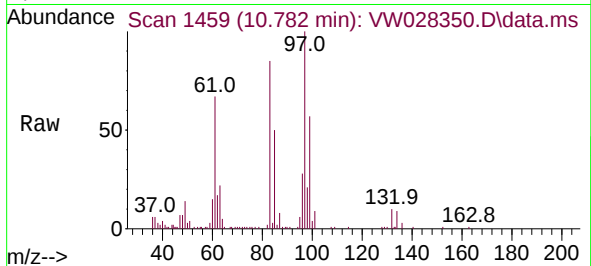
Ion Ratio Lower Upper

97 100

99 57.2 44.2 82.2

83 85.1 56.4 104.7

85 50.1 36.8 68.3



#46

Tetrachloroethene

Concen: 5.252 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Tgt Ion:164 Resp: 17799

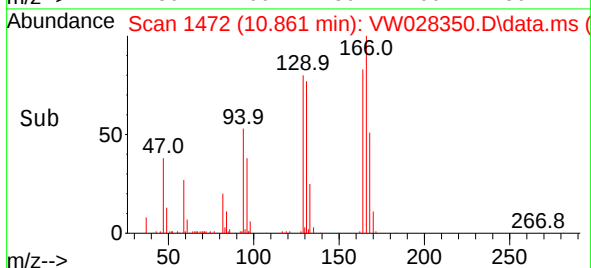
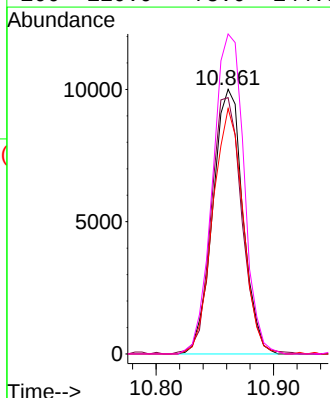
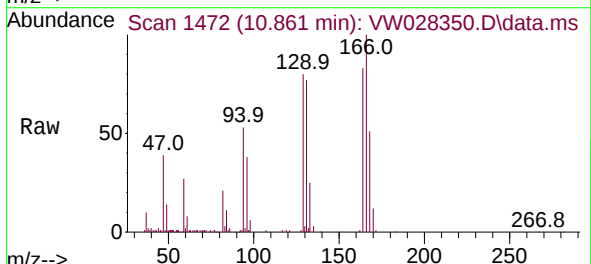
Ion Ratio Lower Upper

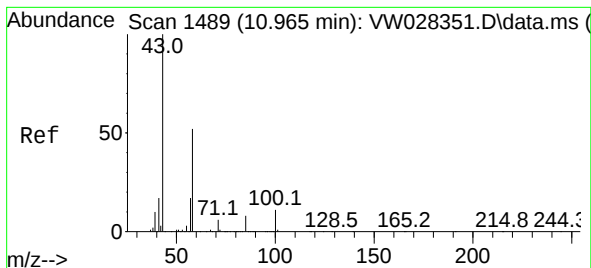
164 100

129 96.9 59.7 110.9

131 92.8 58.2 108.2

166 120.9 78.0 144.8





#48

2-Hexanone

Concen: 8.970 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

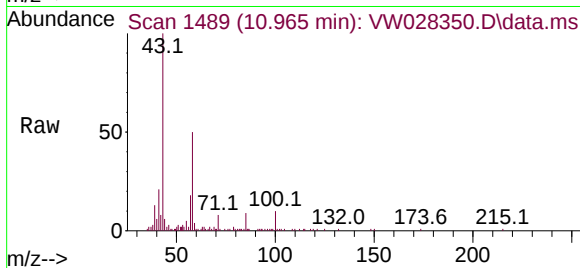
Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 15177

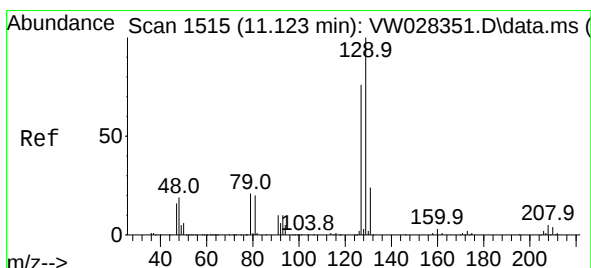
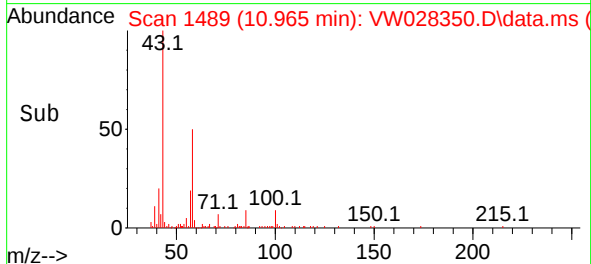
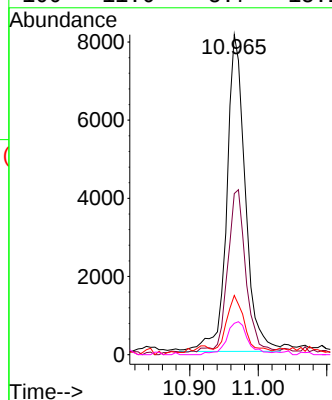
Ion Ratio Lower Upper

43 100

58 51.1 38.9 58.3

57 18.2 14.4 21.6

100 11.6 8.7 13.1



#49

Dibromochloromethane

Concen: 5.026 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028350.D

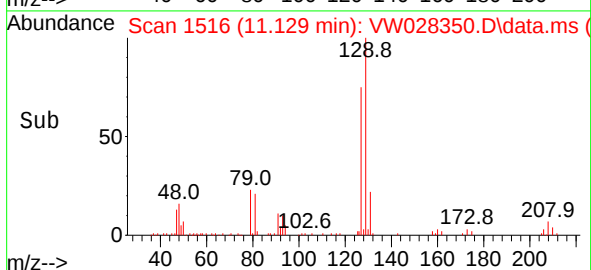
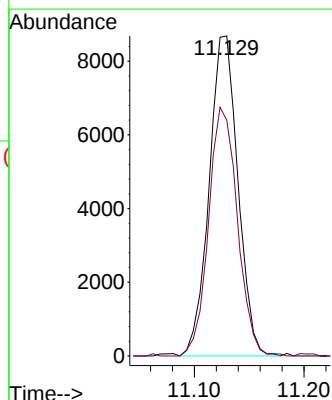
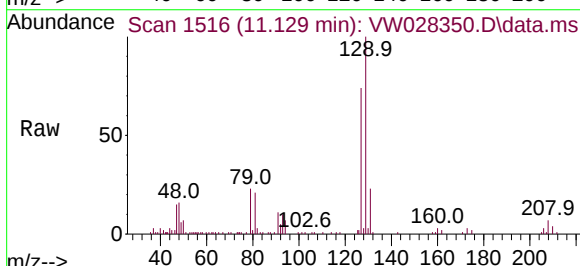
Acq: 08 Apr 2024 10:58

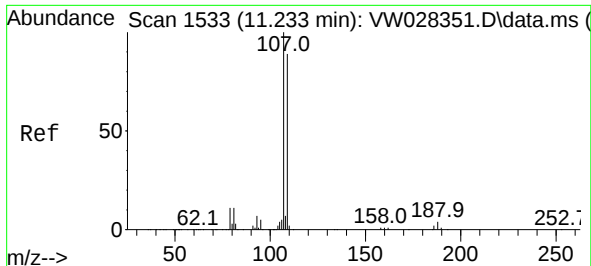
Tgt Ion: 129 Resp: 15859

Ion Ratio Lower Upper

129 100

127 73.7 53.0 98.4

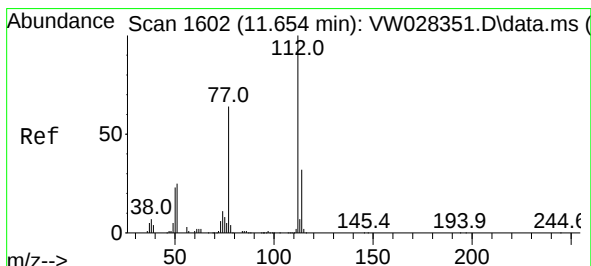
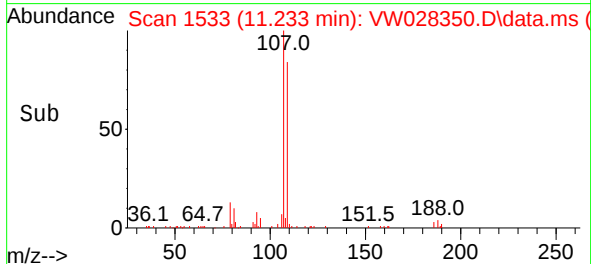
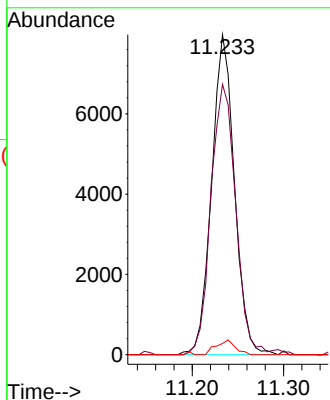
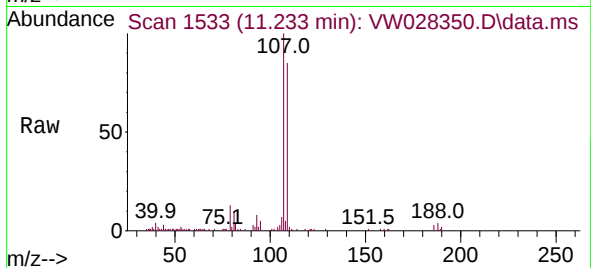




#50
1,2-Dibromoethane
Concen: 5.127 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

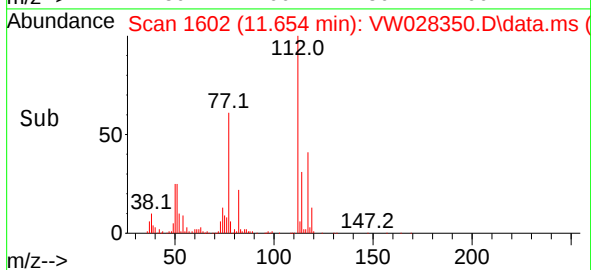
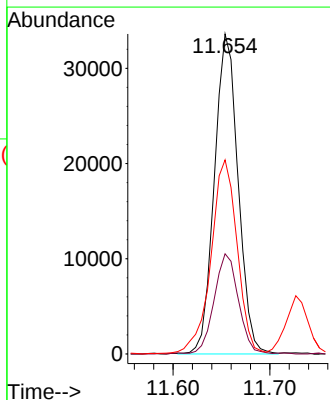
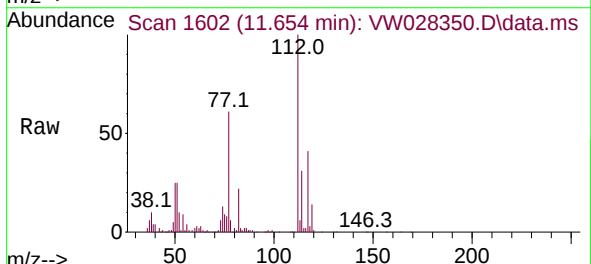
Instrument :
MSVOA_W
ClientSampleId :

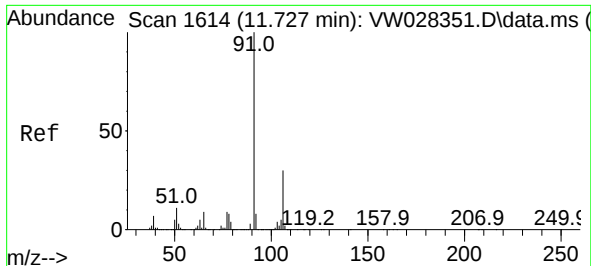
Tgt Ion:107 Resp: 13816
Ion Ratio Lower Upper
107 100
109 84.5 62.1 115.3
188 3.5 3.2 4.8



#51
Chlorobenzene
Concen: 5.190 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

Tgt Ion:112 Resp: 57222
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 60.7 51.8 77.8

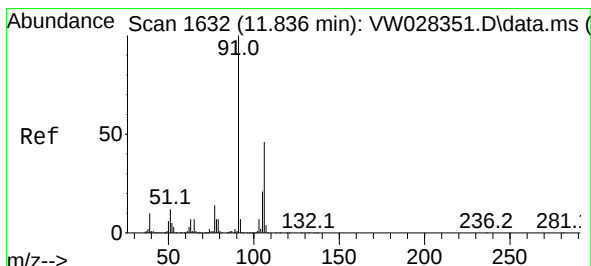
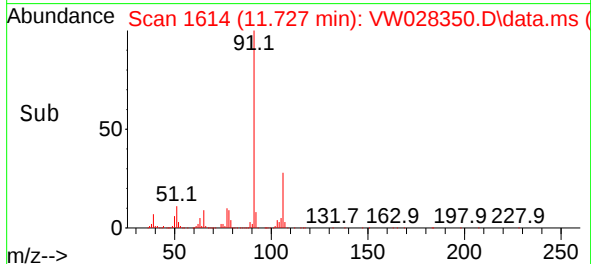
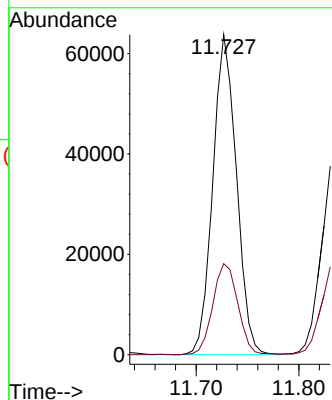
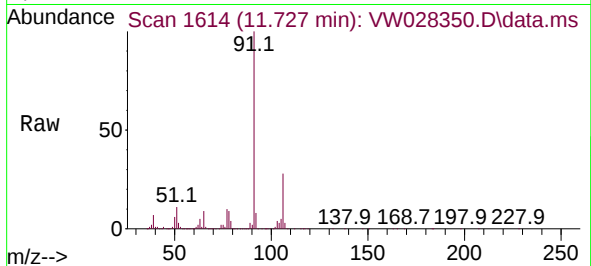




#52
Ethylbenzene
Concen: 5.066 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

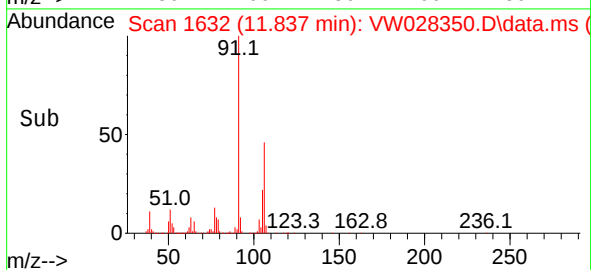
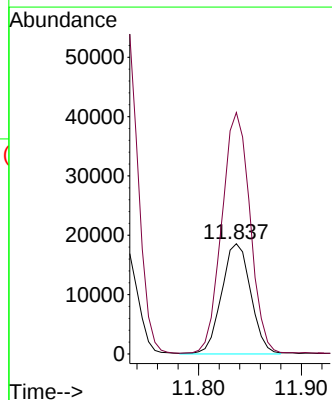
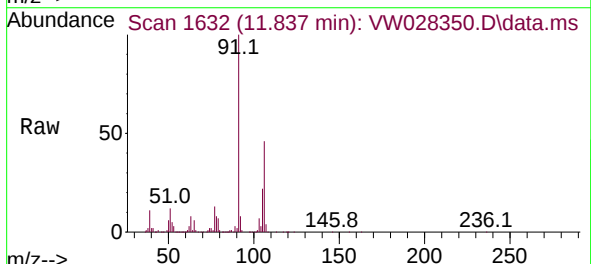
Instrument :
MSVOA_W
ClientSampleId :

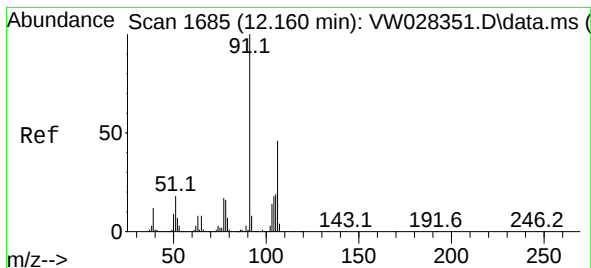
Tgt Ion: 91 Resp: 101852
Ion Ratio Lower Upper
91 100
106 28.5 21.2 39.4



#53
m,p-Xylene
Concen: 4.888 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028350.D
Acq: 08 Apr 2024 10:58

Tgt Ion:106 Resp: 36546
Ion Ratio Lower Upper
106 100
91 219.1 152.4 283.0





#54

o-Xylene

Concen: 4.964 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

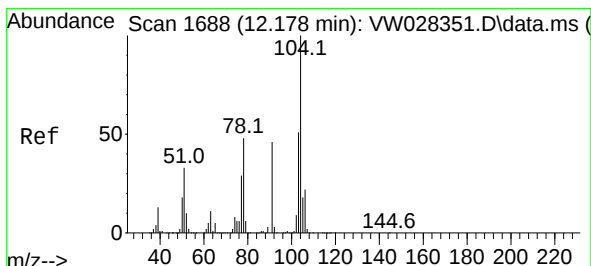
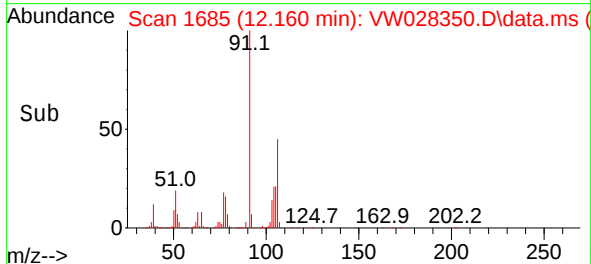
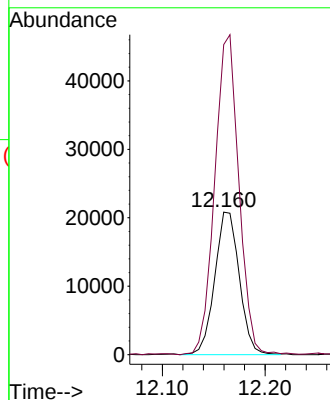
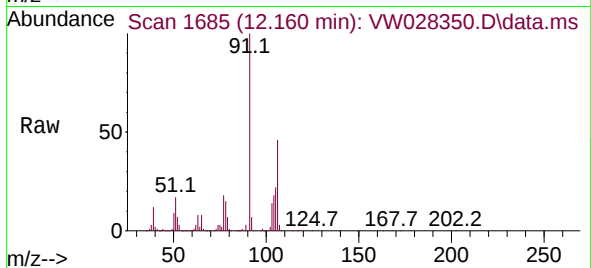
ClientSampleId :

Tgt Ion:106 Resp: 34557

Ion Ratio Lower Upper

106 100

91 217.4 152.9 283.9



#55

Styrene

Concen: 4.839 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028350.D

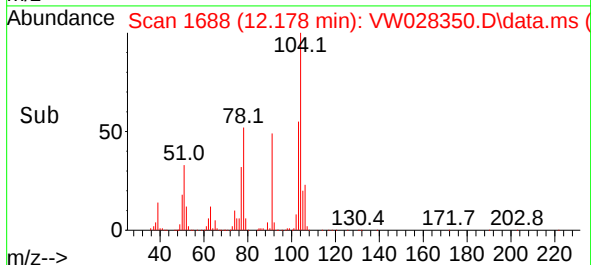
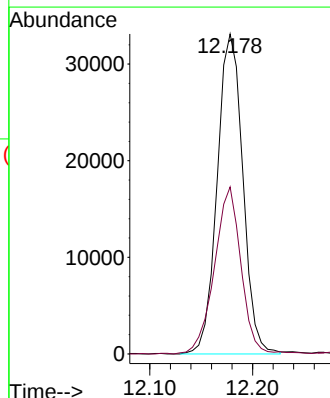
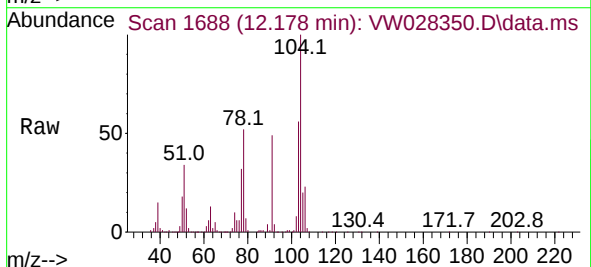
Acq: 08 Apr 2024 10:58

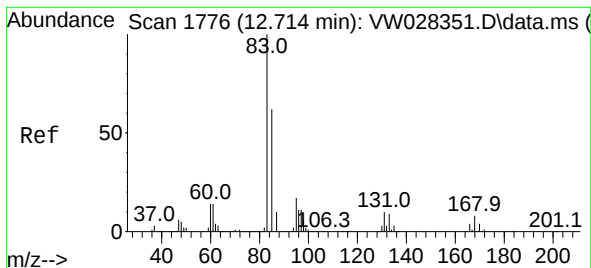
Tgt Ion:104 Resp: 57339

Ion Ratio Lower Upper

104 100

78 52.2 33.8 62.8





#57

1,1,2-Tetrachloroethane

Concen: 5.208 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028350.D

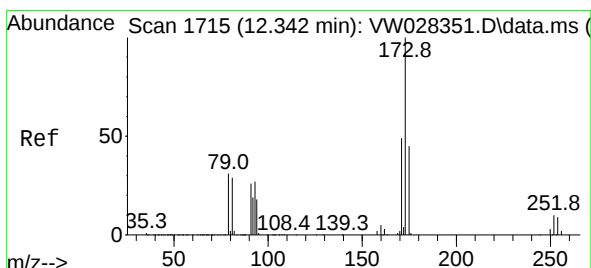
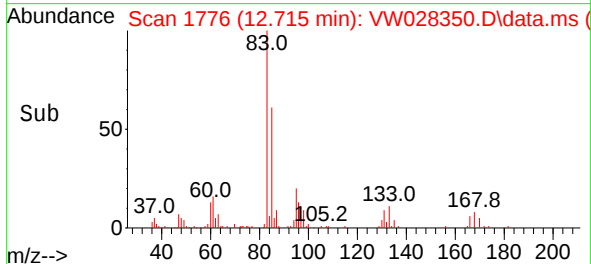
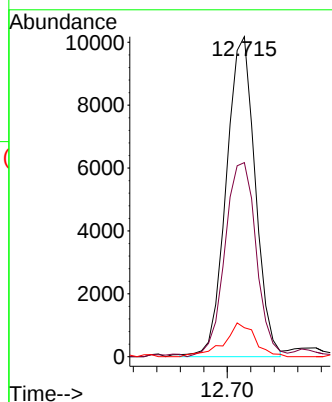
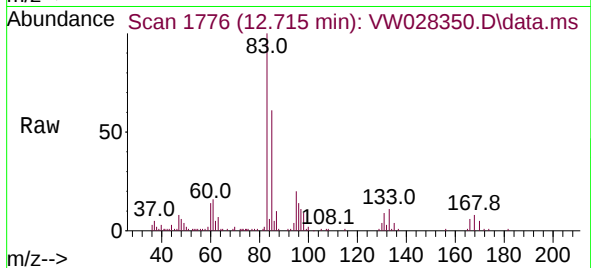
Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	17401
Ion Ratio	Lower	Upper	
83	100		
85	60.6	43.4	80.6
131	9.0	8.0	12.0



#59

Bromoform

Concen: 4.817 ug/L

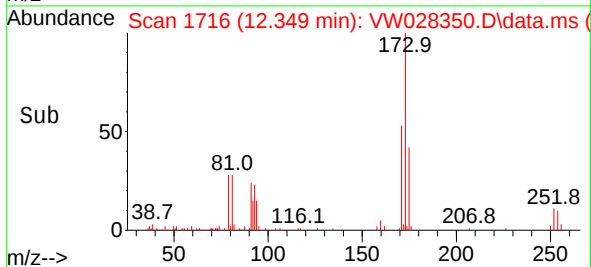
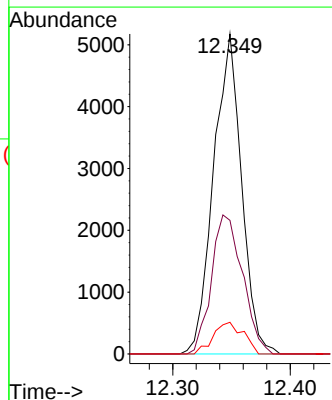
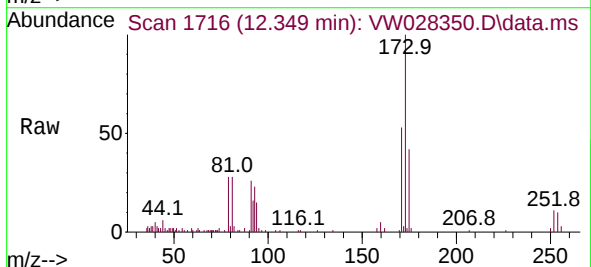
RT: 12.349 min Scan# 1716

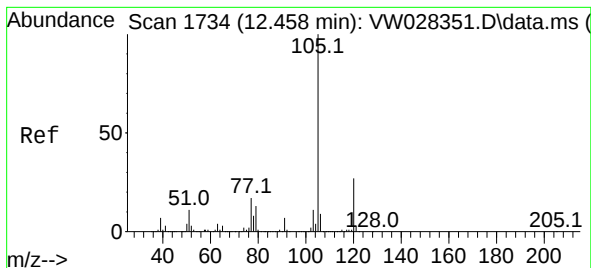
Delta R.T. 0.006 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Tgt Ion:	173	Resp:	8565
Ion Ratio	Lower	Upper	
173	100		
175	48.3	39.2	58.8
254	10.6	8.3	12.5





#60

Isopropylbenzene

Concen: 4.824 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028350.D

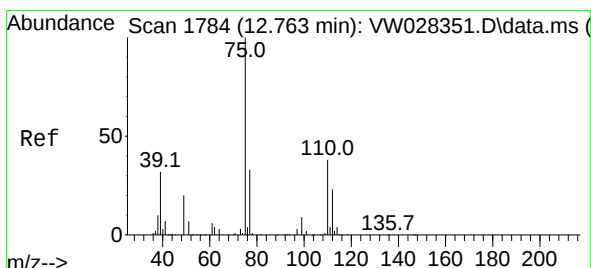
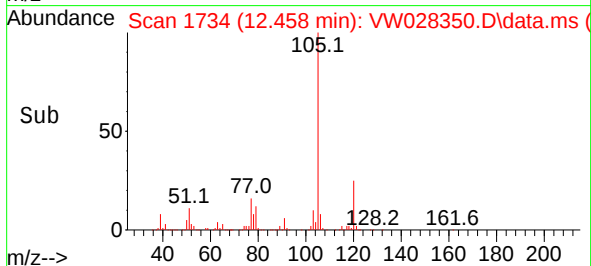
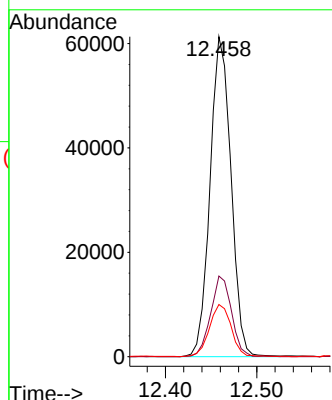
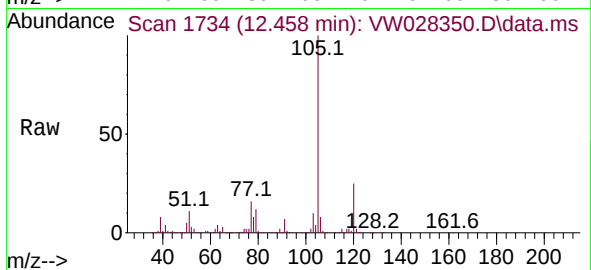
Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	97418
Ion Ratio	Lower	Upper	
105	100		
120	25.0	20.8	31.2
77	17.1	13.4	20.2



#61

1,2,3-Trichloropropane

Concen: 4.989 ug/L

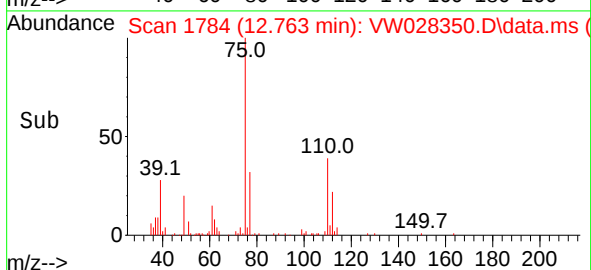
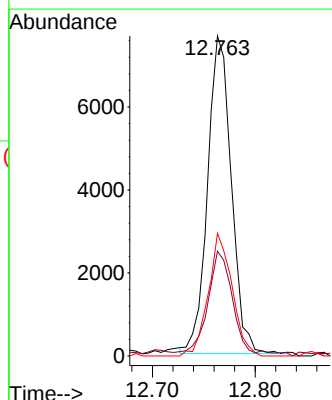
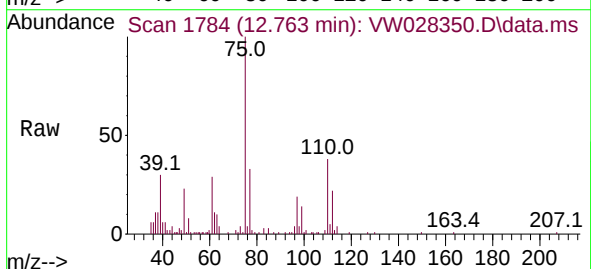
RT: 12.763 min Scan# 1784

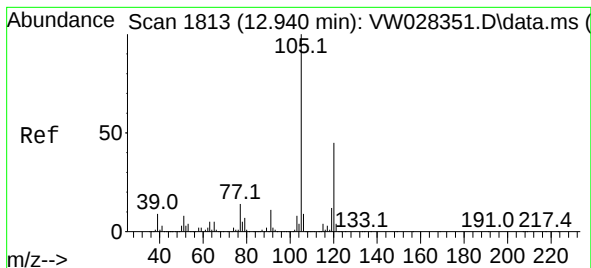
Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Tgt Ion:	75	Resp:	12286
Ion Ratio	Lower	Upper	
75	100		
77	34.5	26.1	39.1
110	38.7	30.6	46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.624 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

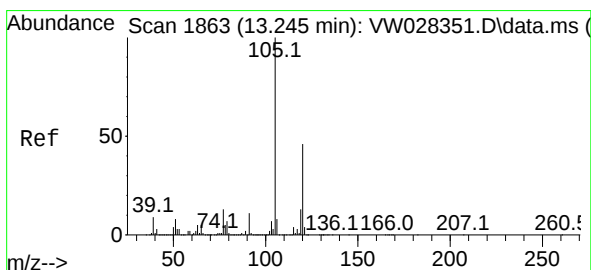
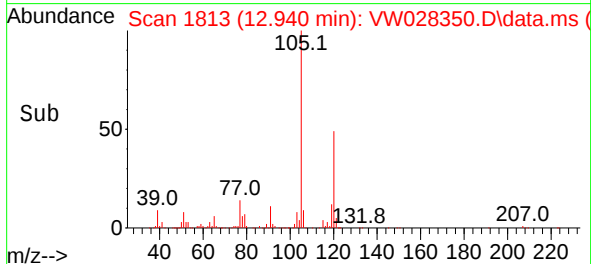
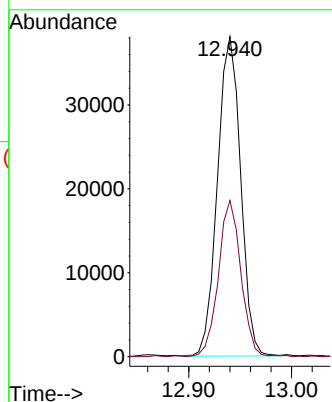
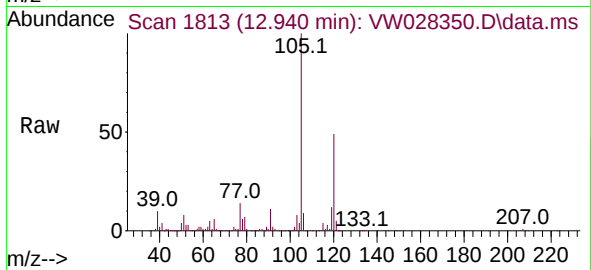
ClientSampleId :

Tgt Ion:105 Resp: 59515

Ion Ratio Lower Upper

105 100

120 47.3 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 4.691 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028350.D

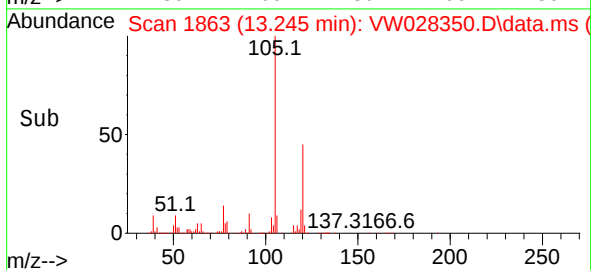
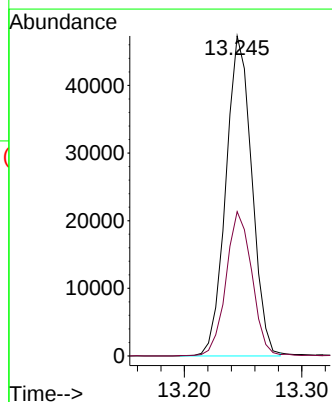
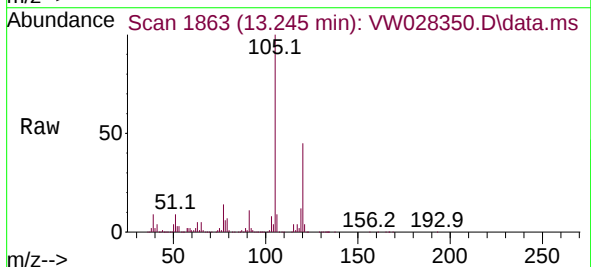
Acq: 08 Apr 2024 10:58

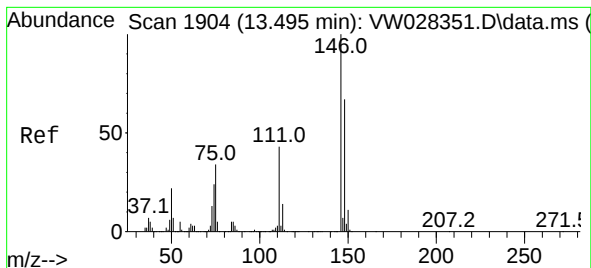
Tgt Ion:105 Resp: 72659

Ion Ratio Lower Upper

105 100

120 44.9 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.944 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

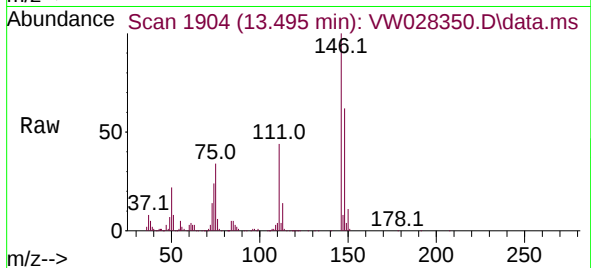
Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :



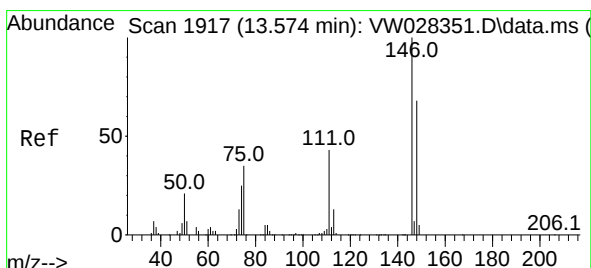
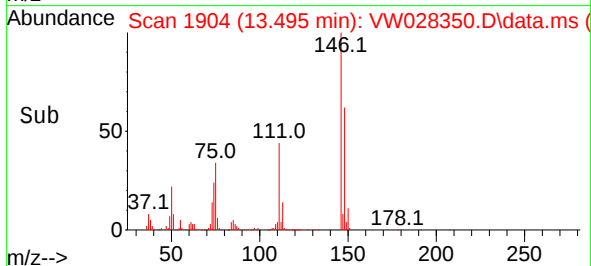
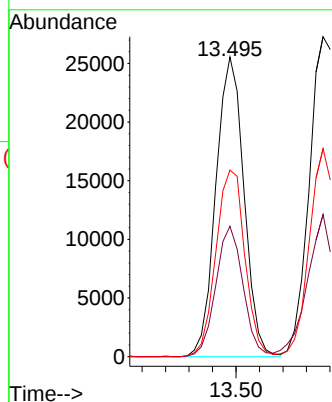
Tgt Ion:146 Resp: 42359

Ion Ratio Lower Upper

146 100

111 43.5 29.8 55.3

148 62.3 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 5.227 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

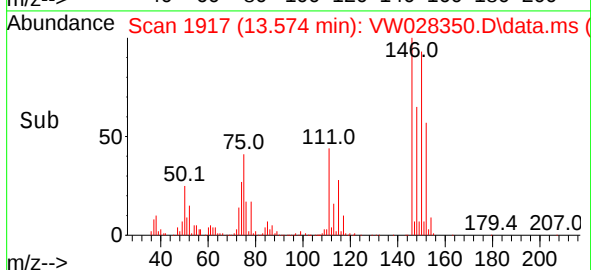
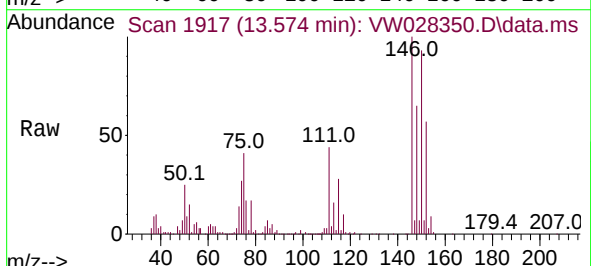
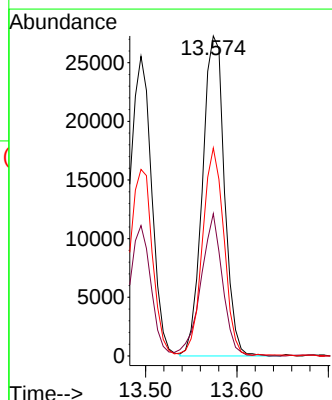
Tgt Ion:146 Resp: 45561

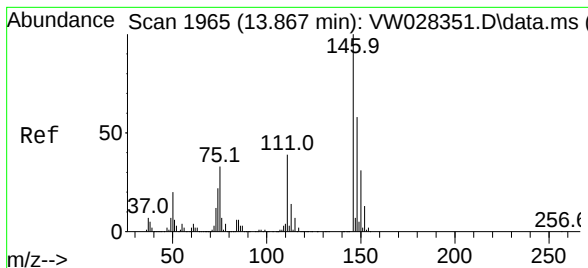
Ion Ratio Lower Upper

146 100

111 44.5 30.3 56.3

148 65.0 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 5.011 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

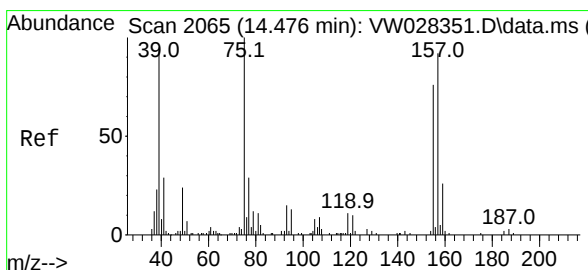
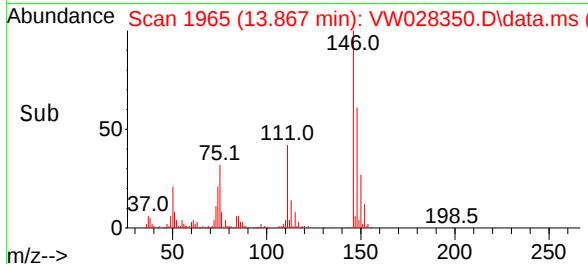
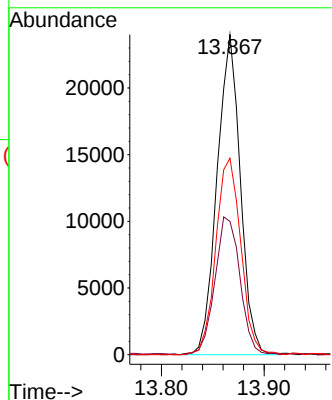
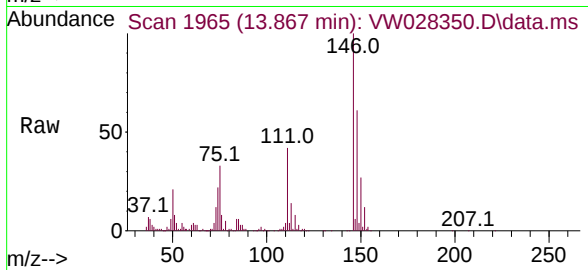
Tgt Ion:146 Resp: 37767

Ion Ratio Lower Upper

146 100

111 41.7 31.4 47.2

148 61.4 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.889 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

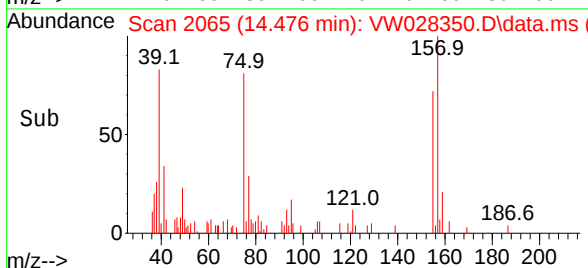
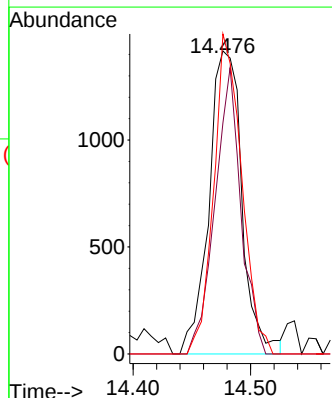
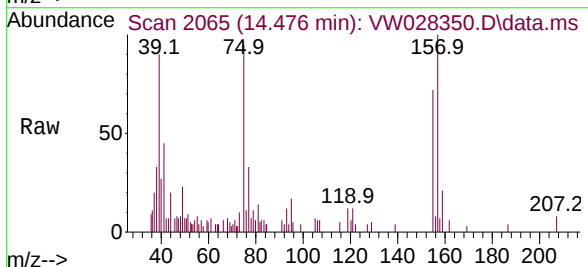
Tgt Ion: 75 Resp: 2759

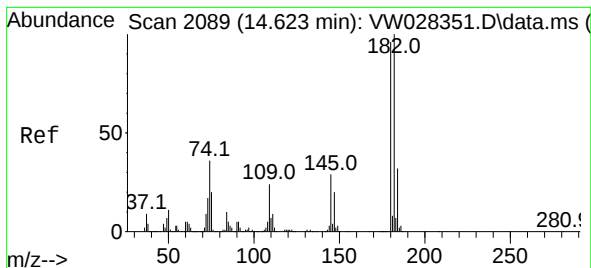
Ion Ratio Lower Upper

75 100

155 76.2 61.2 91.8

157 105.6 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 5.177 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

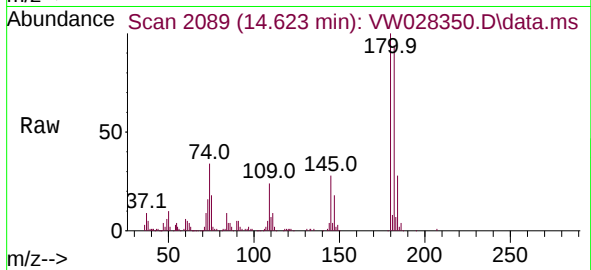
Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 30526

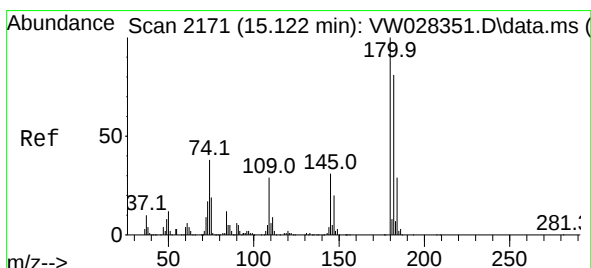
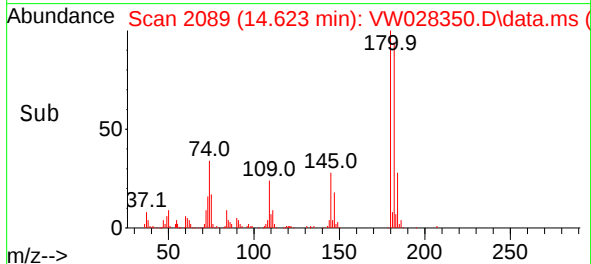
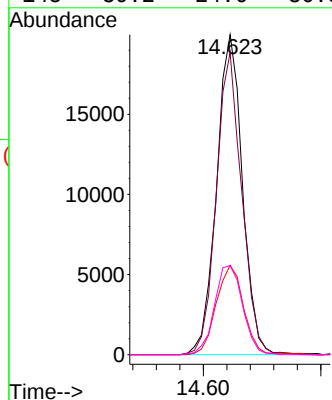
Ion Ratio Lower Upper

180 100

182 92.6 77.4 116.0

184 29.3 24.8 37.2

145 30.2 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.965 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

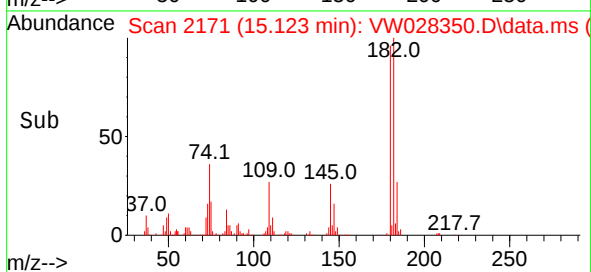
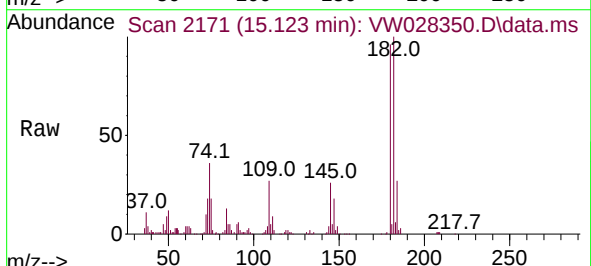
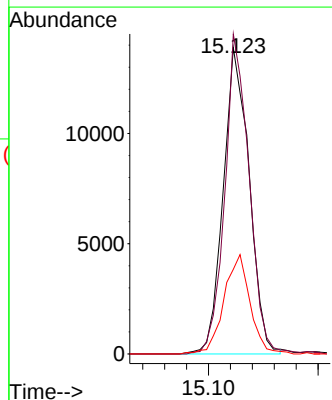
Tgt Ion:180 Resp: 22860

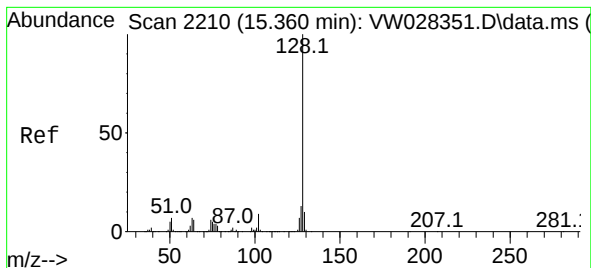
Ion Ratio Lower Upper

180 100

182 97.8 71.5 107.3

145 32.7 23.5 35.3





#71

Naphthalene

Concen: 4.496 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Instrument :

MSVOA_W

ClientSampleId :

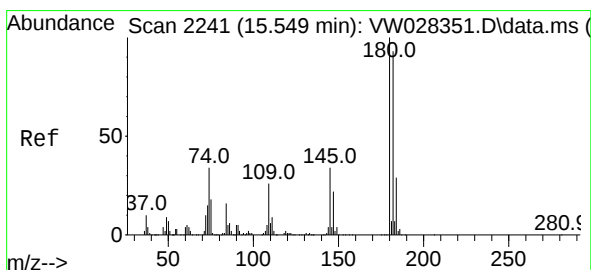
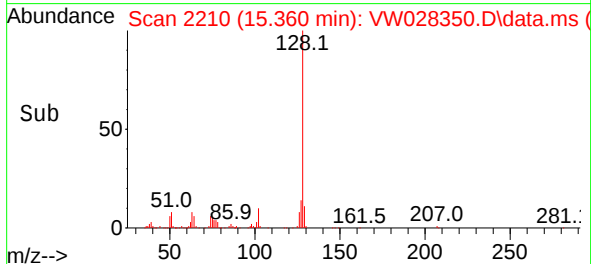
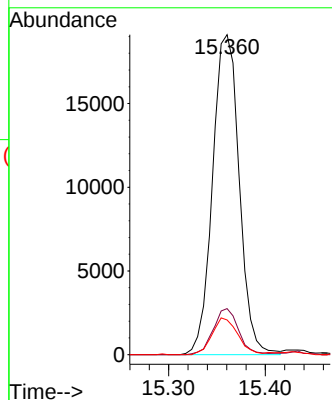
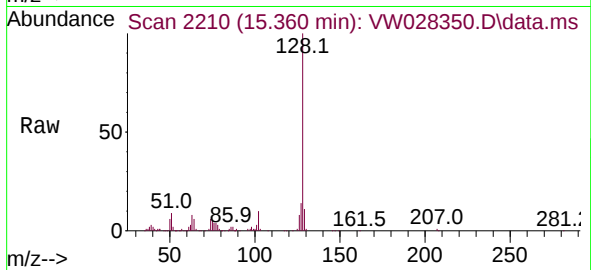
Tgt Ion:128 Resp: 36638

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 5.021 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028350.D

Acq: 08 Apr 2024 10:58

Tgt Ion:180 Resp: 20513

Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

145 33.4 26.2 39.4

