

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028351.D
 Acq On : 08 Apr 2024 11:22
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:12:51 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	298662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	278923	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	119077	24.870	ug/L	0.00
7) Chloroethane-d5	2.899	69	92583	25.516	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	50666	24.988	ug/L	0.00
21) 2-Butanone-d5	7.081	46	44547	51.710	ug/L	0.00
24) Chloroform-d	7.648	84	209222	26.846	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	110851	27.370	ug/L	0.00
32) Benzene-d6	8.276	84	414456	27.200	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	121008	26.717	ug/L	0.00
41) Toluene-d8	10.318	98	378382	27.309	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	48219	26.775	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	31498	52.121	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85564	26.776	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	119630	27.976	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	94882	23.621	ug/L	100
3) Chloromethane	2.222	50	109485	23.215	ug/L	100
5) Vinyl chloride	2.375	62	131278	23.374	ug/L	100
6) Bromomethane	2.789	94	82084	23.392	ug/L	100
8) Chloroethane	2.936	64	80699	23.835	ug/L	100
9) Trichlorofluoromethane	3.277	101	105987	23.655	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	99697	23.732	ug/L	100
12) 1,1-Dichloroethene	4.045	96	93192	23.697	ug/L	100
13) Acetone	4.124	43	53385	51.172	ug/L	100
14) Carbon disulfide	4.393	76	311949	23.939	ug/L	100
15) Methyl Acetate	4.673	43	39944	22.567	ug/L	100
16) Methylene chloride	4.923	84	95674	21.229	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	98417	23.606	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	141817	24.234	ug/L	100
19) 1,1-Dichloroethane	6.222	63	195280	23.989	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	105723	23.892	ug/L	100
22) 2-Butanone	7.173	43	62015	48.708	ug/L	100
23) Bromochloromethane	7.514	128	44666	23.435	ug/L	100
25) Chloroform	7.679	83	190442	23.866	ug/L	100
27) 1,2-Dichloroethane	8.398	62	131034	23.792	ug/L	100
29) Cyclohexane	7.959	56	180335	24.477	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	158349	23.408	ug/L	100
31) Carbon tetrachloride	8.069	117	143549	23.930	ug/L	100
33) Benzene	8.325	78	417141	23.920	ug/L	100
34) Trichloroethene	9.093	95	110990	23.485	ug/L	100
35) Methylcyclohexane	9.337	83	193897	24.041	ug/L	100
37) 1,2-Dichloropropane	9.367	63	106428	23.415	ug/L	100
38) Bromodichloromethane	9.648	83	130437	23.152	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	163303	24.463	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	109254	47.992	ug/L	100
42) Toluene	10.385	91	440446	23.840	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	130687	24.236	ug/L	100

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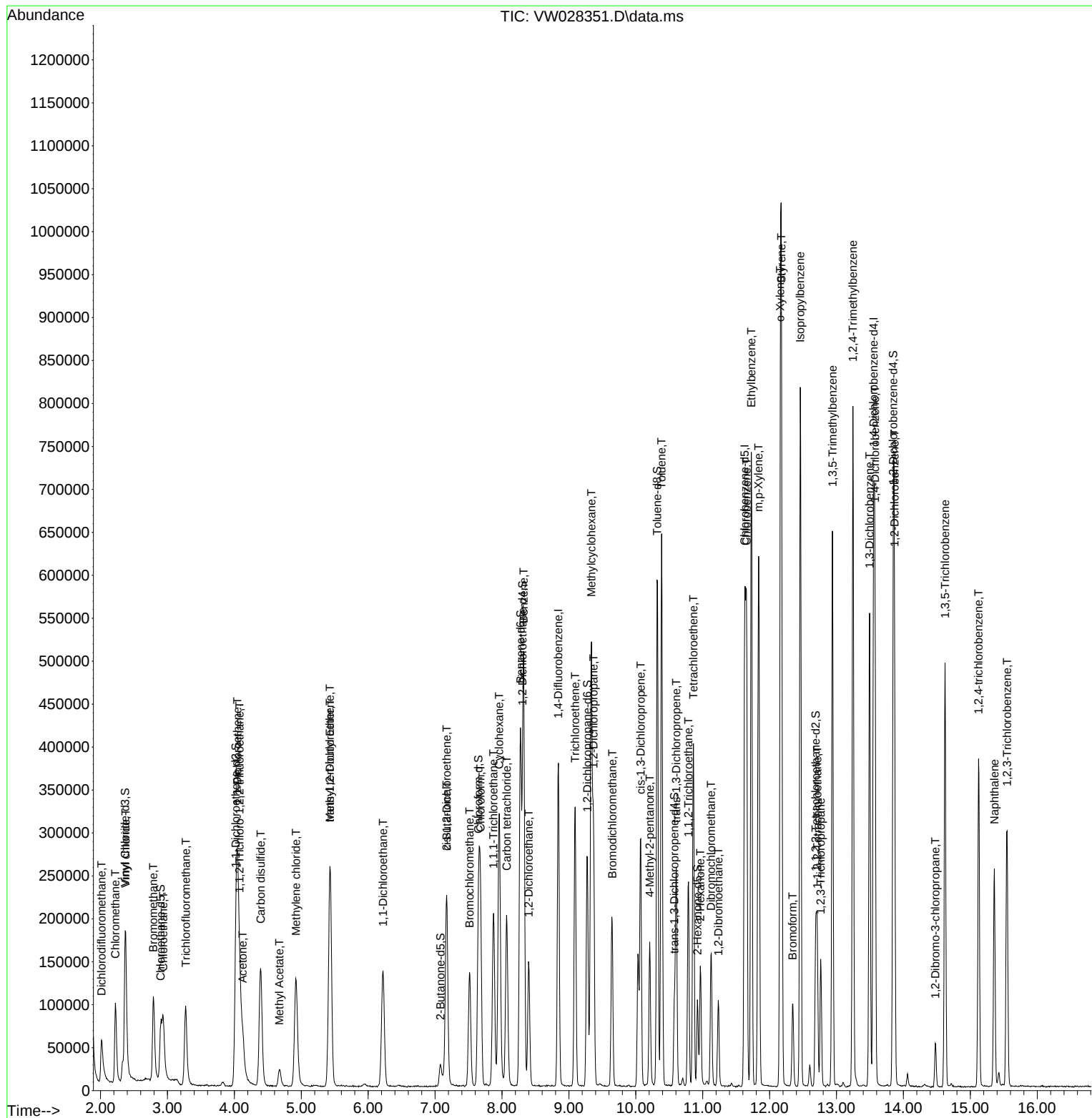
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	70682	22.987	ug/L	100
46) Tetrachloroethene	10.861	164	84165	23.842	ug/L	100
48) 2-Hexanone	10.965	43	90844	51.545	ug/L	100
49) Dibromochloromethane	11.123	129	77252	23.504	ug/L	100
50) 1,2-Dibromoethane	11.233	107	65384	23.296	ug/L	100
51) Chlorobenzene	11.654	112	269017	23.426	ug/L	100
52) Ethylbenzene	11.727	91	504210	24.076	ug/L	100
53) m,p-Xylene	11.836	106	189338	24.311	ug/L	100
54) o-Xylene	12.160	106	178250	24.581	ug/L	100
55) Styrene	12.178	104	300655	24.360	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	82325	23.656	ug/L	100
59) Bromoform	12.342	173	42516	23.821	ug/L	100
60) Isopropylbenzene	12.458	105	499141	24.623	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	58639	23.720	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	325687	25.208	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	397980	25.595	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	208280	24.215	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	206450	23.595	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	183243	24.220	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	12119	21.393	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	137630	23.253	ug/L	100
70) 1,2,4-trichlorobenzene	15.122	180	116196	25.139	ug/L	100
71) Naphthalene	15.360	128	202717	24.782	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	99408	24.237	ug/L	100

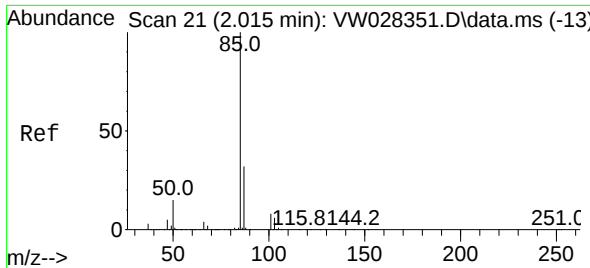
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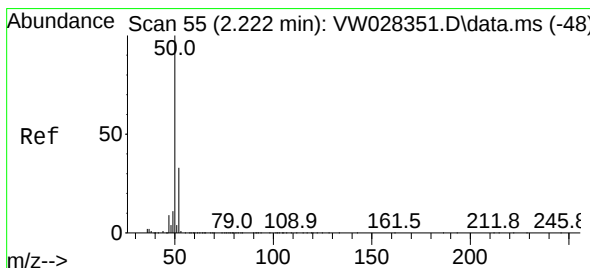
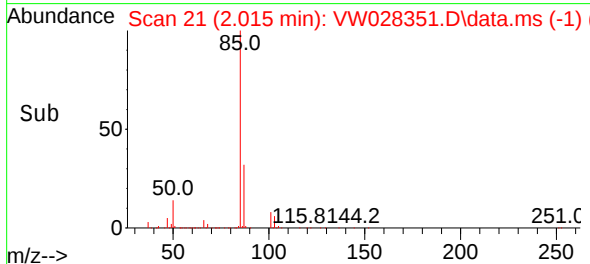
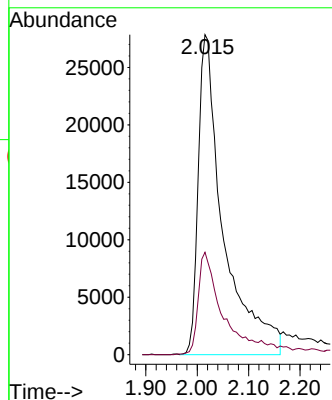
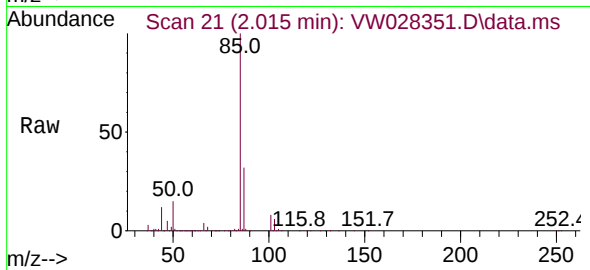




#2
 Dichlorodifluoromethane
 Concen: 23.621 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028351.D
 Acq: 08 Apr 2024 11:22

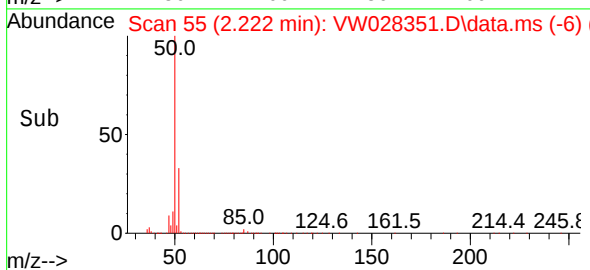
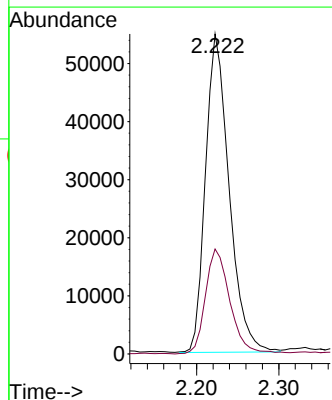
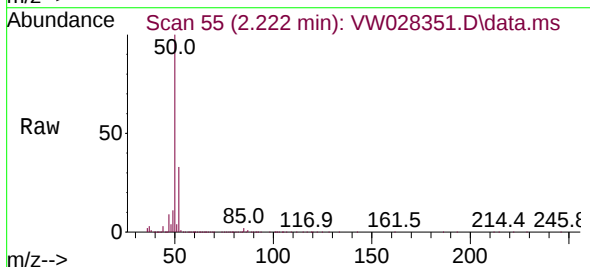
Instrument :
 MSVOA_W
 ClientSampleId :

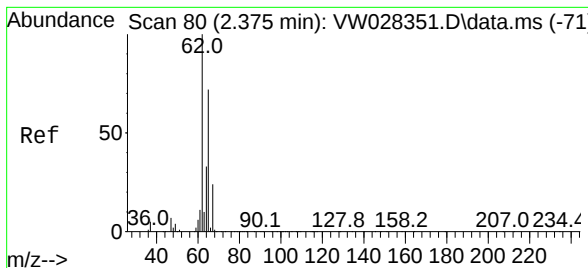
Tgt Ion: 85 Resp: 94882
 Ion Ratio Lower Upper
 85 100
 87 29.2 23.4 35.0



#3
 Chloromethane
 Concen: 23.215 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028351.D
 Acq: 08 Apr 2024 11:22

Tgt Ion: 50 Resp: 109485
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6





#5

Vinyl chloride

Concen: 23.374 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

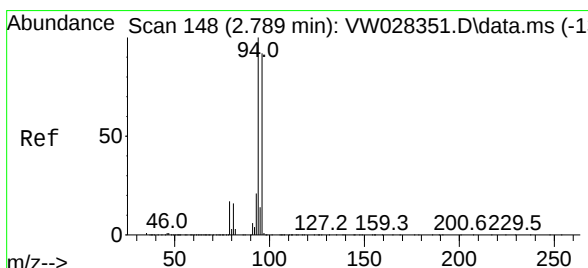
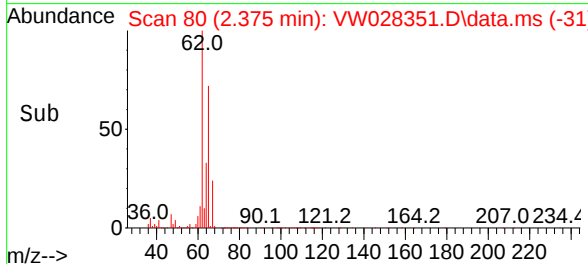
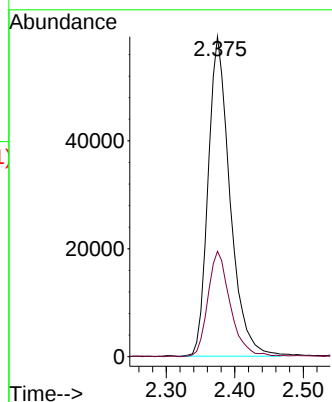
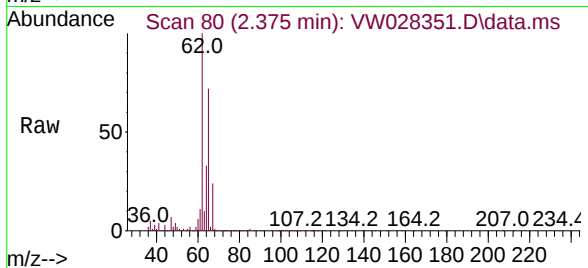
ClientSampleId :

Tgt Ion: 62 Resp: 131278

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 23.392 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028351.D

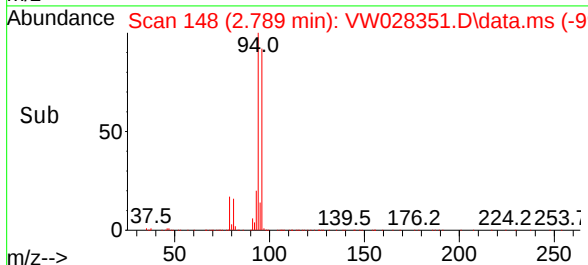
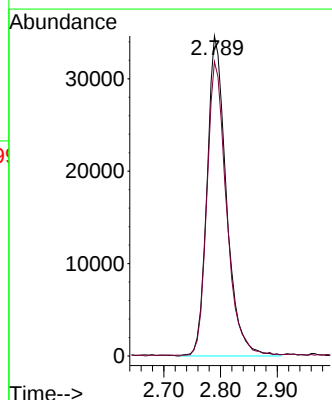
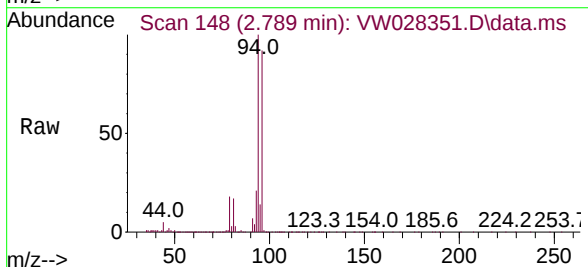
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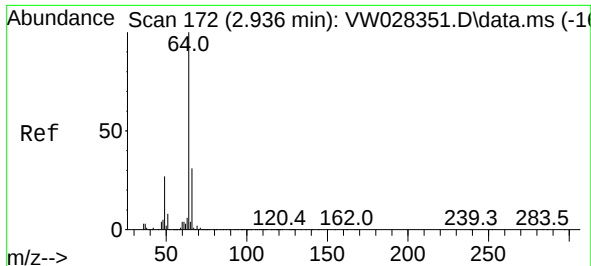
Tgt Ion: 94 Resp: 82084

Ion Ratio Lower Upper

94 100

96 91.9 64.3 119.5

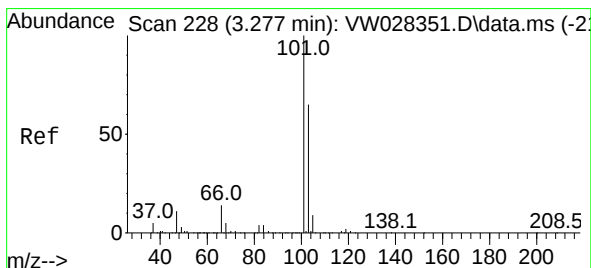
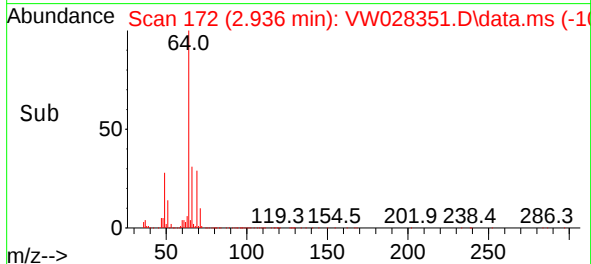
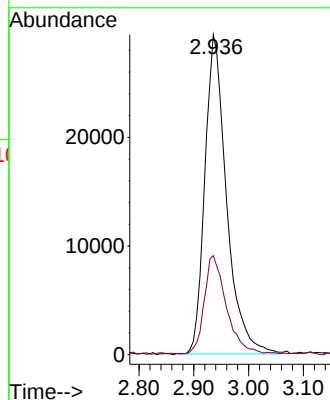
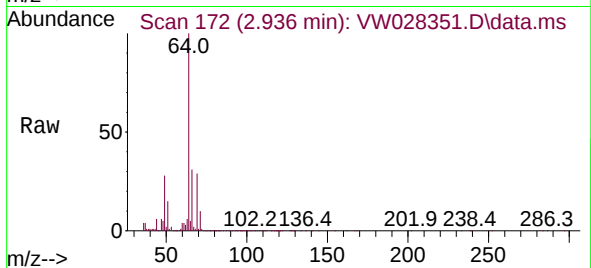




#8
Chloroethane
Concen: 23.835 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

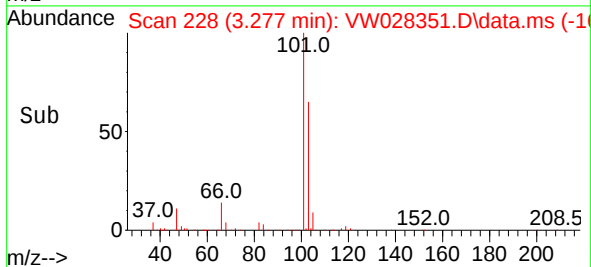
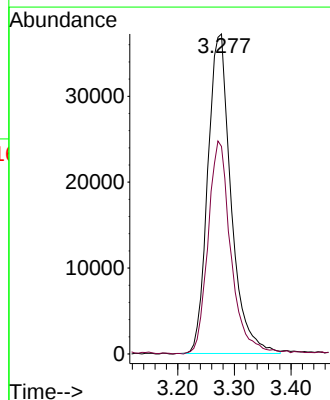
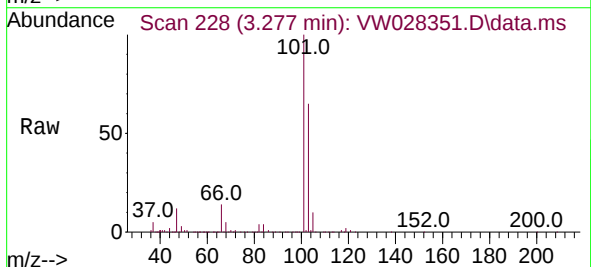
Instrument :
MSVOA_W
ClientSampleId :

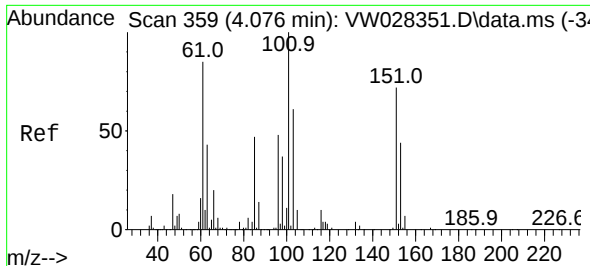
Tgt Ion: 64 Resp: 80699
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.655 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion:101 Resp: 105987
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0





#10

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

Concen: 23.732 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

ClientSampleId :

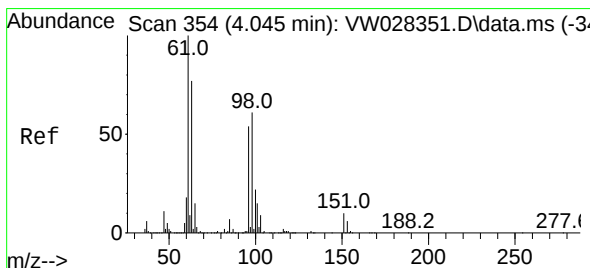
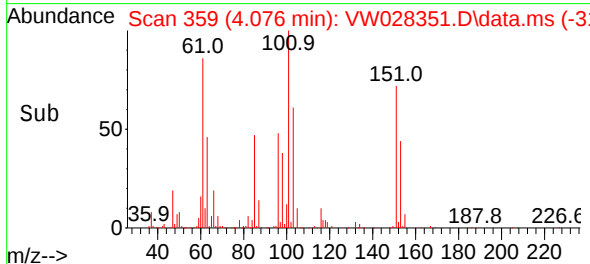
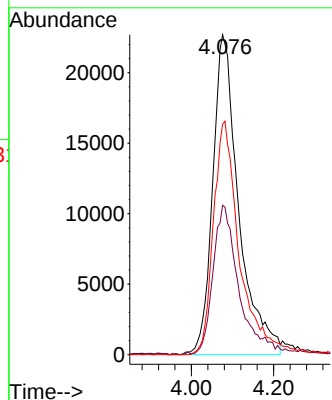
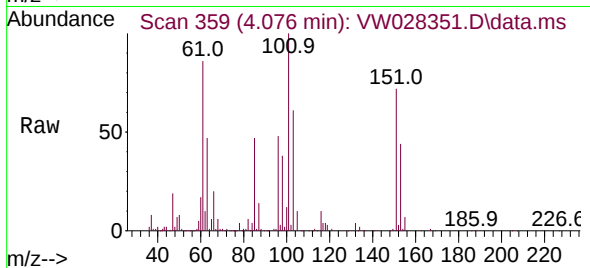
Tgt Ion:101 Resp: 99697

Ion Ratio Lower Upper

101 100

85 43.1 34.5 51.7

151 71.9 57.5 86.3



#12

1,1-Dichloroethene

Concen: 23.697 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

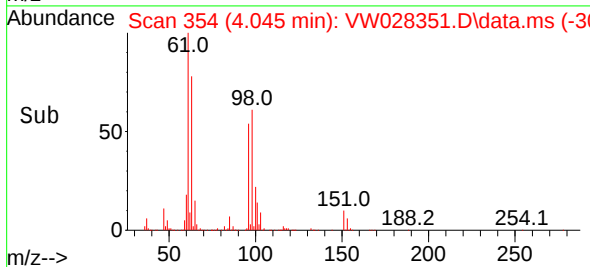
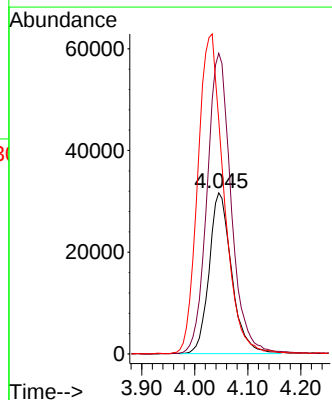
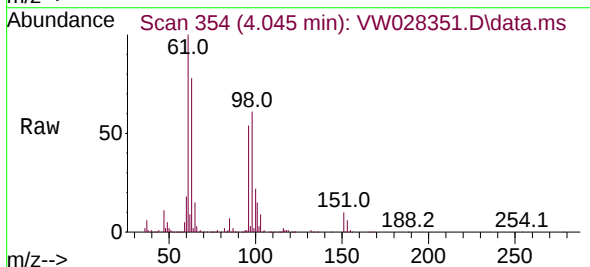
Tgt Ion: 96 Resp: 93192

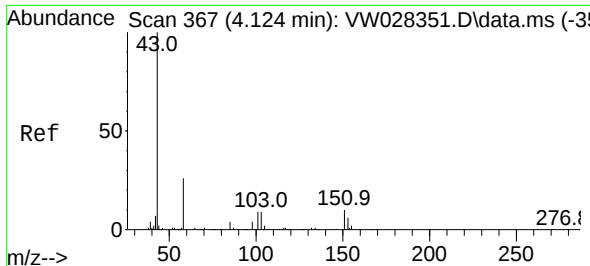
Ion Ratio Lower Upper

96 100

61 186.5 130.5 242.5

63 145.0 101.5 188.5

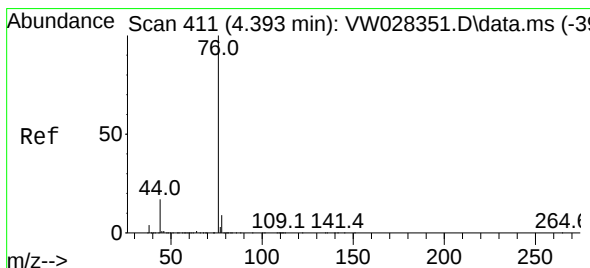
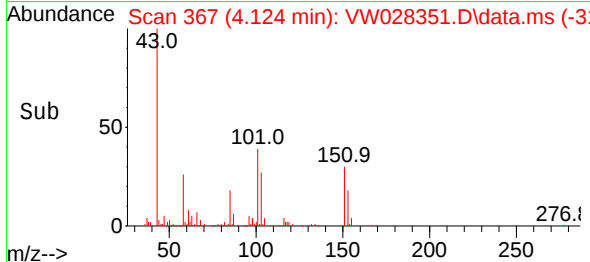
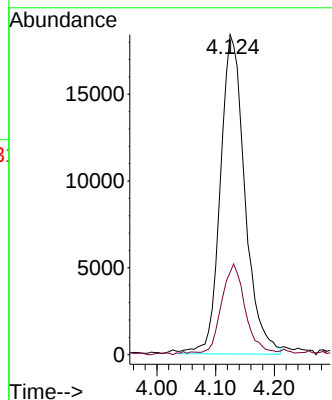
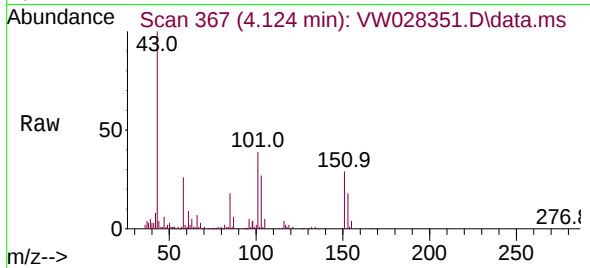




#13
Acetone
Concen: 51.172 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

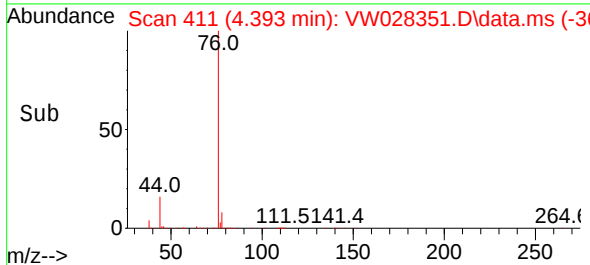
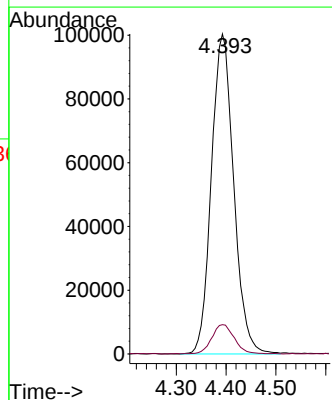
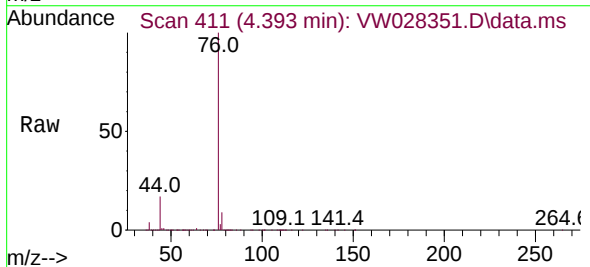
Instrument :
MSVOA_W
ClientSampleId :

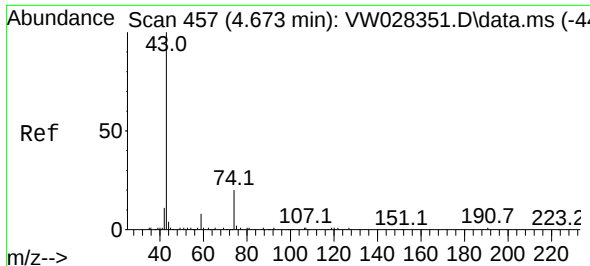
Tgt Ion: 43 Resp: 53385
Ion Ratio Lower Upper
43 100
58 26.7 0.0 53.4



#14
Carbon disulfide
Concen: 23.939 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion: 76 Resp: 311949
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

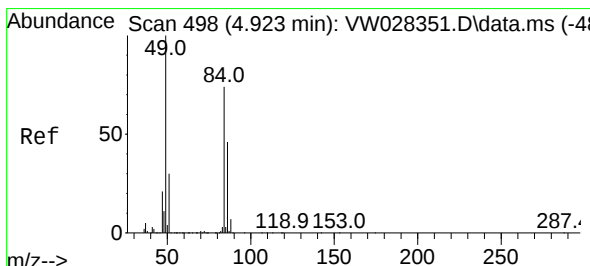
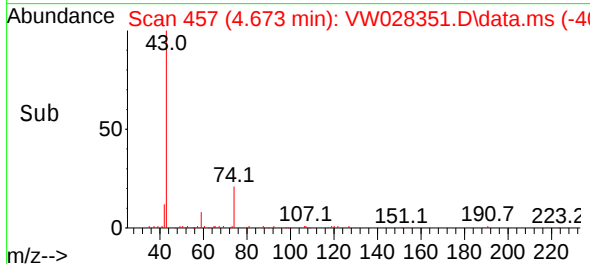
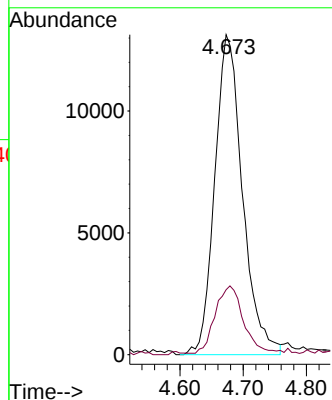
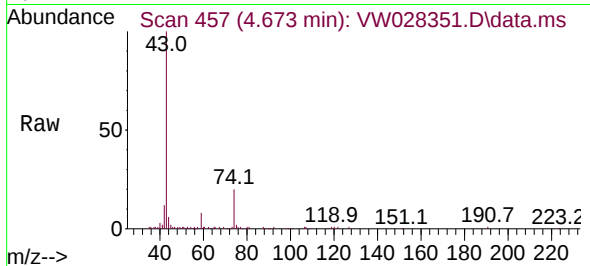




#15
Methyl Acetate
Concen: 22.567 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

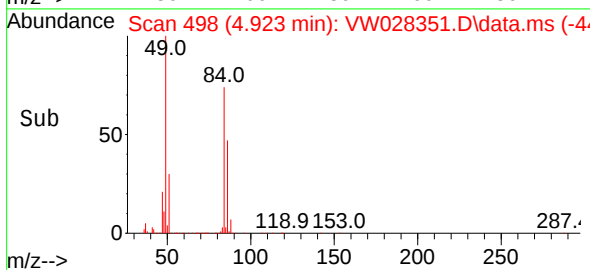
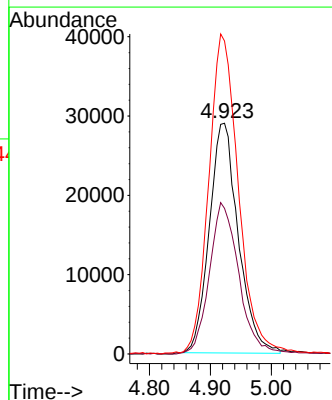
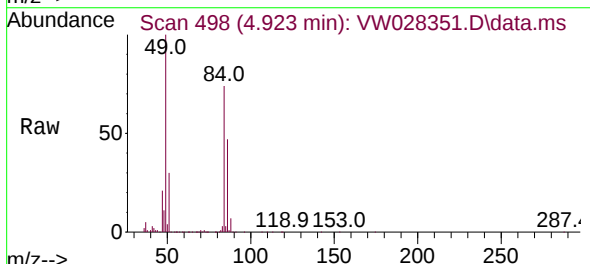
Instrument :
MSVOA_W
ClientSampleId :

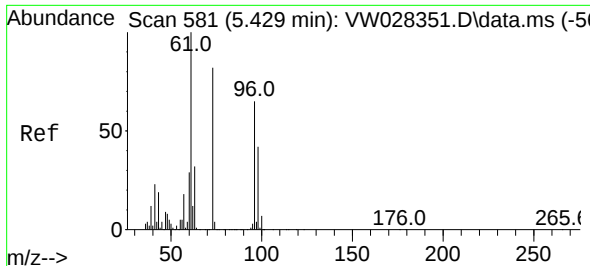
Tgt Ion: 43 Resp: 39944
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0



#16
Methylene chloride
Concen: 21.229 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion: 84 Resp: 95674
Ion Ratio Lower Upper
84 100
86 63.1 44.2 82.0
49 135.7 95.0 176.4

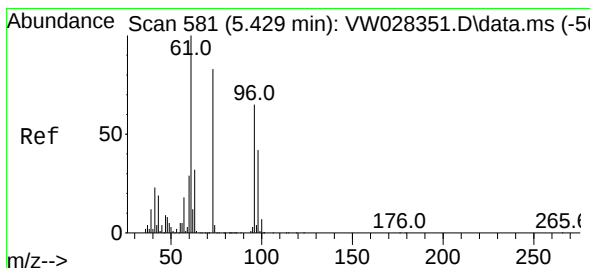
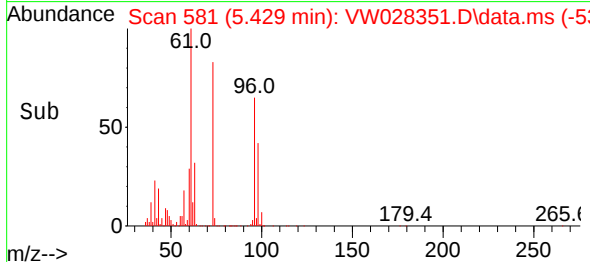
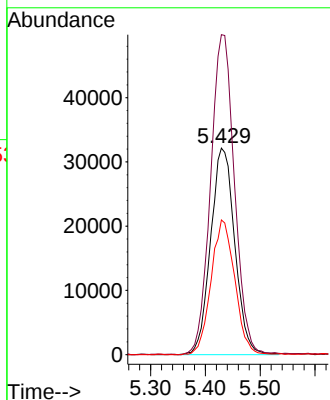
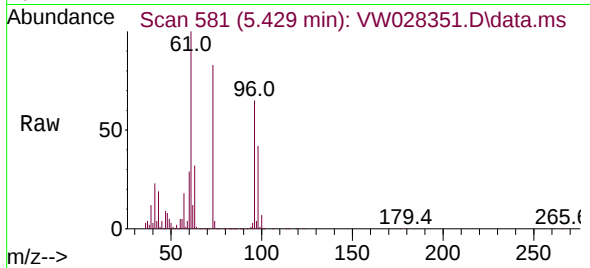




#17
trans-1,2-Dichloroethene
Concen: 23.606 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

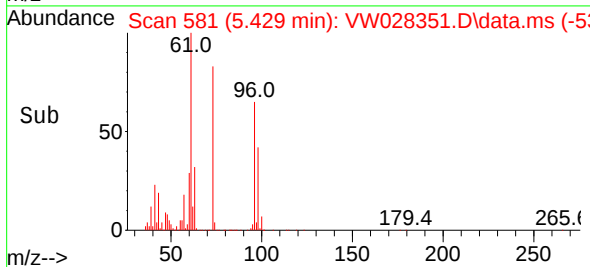
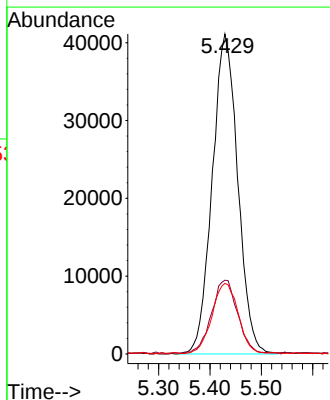
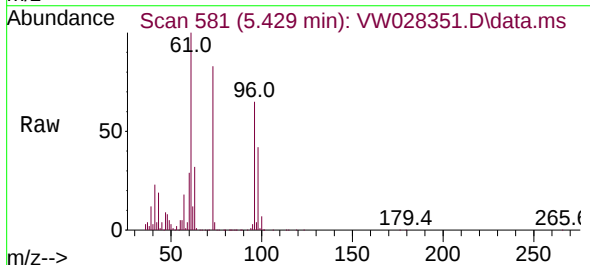
Instrument :
MSVOA_W
ClientSampleId :

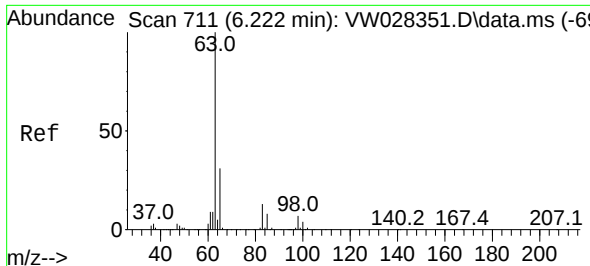
Tgt Ion: 96 Resp: 98417
Ion Ratio Lower Upper
96 100
61 154.9 108.4 201.4
98 65.2 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 24.234 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion: 73 Resp: 141817
Ion Ratio Lower Upper
73 100
43 23.1 18.5 27.7
57 22.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 23.989 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

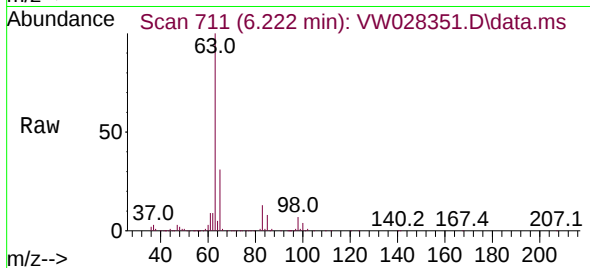
Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

ClientSampleId :



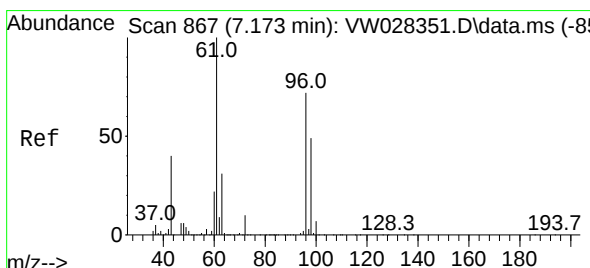
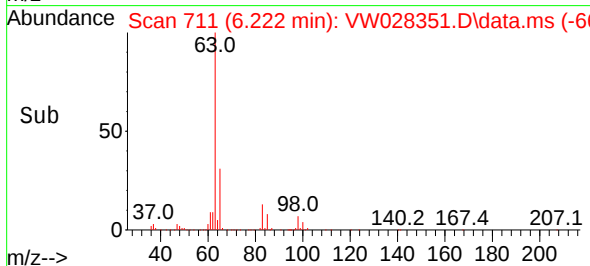
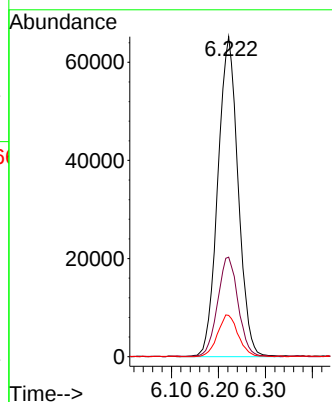
Tgt Ion: 63 Resp: 195280

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.892 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

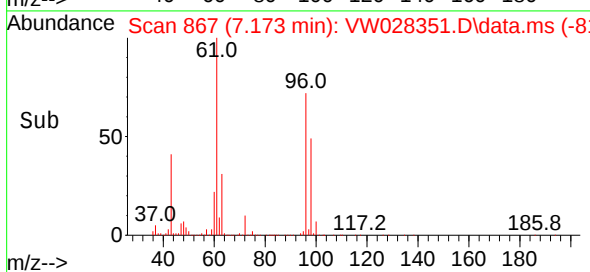
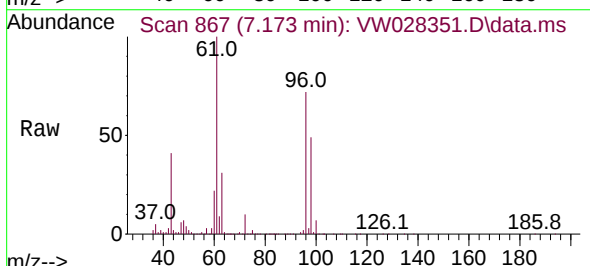
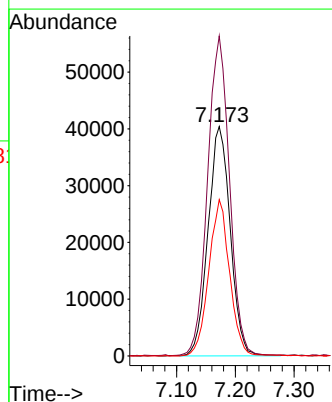
Tgt Ion: 96 Resp: 105723

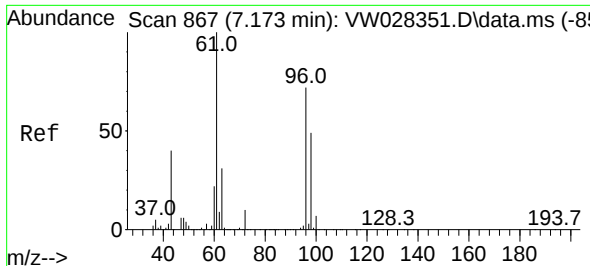
Ion Ratio Lower Upper

96 100

61 139.4 97.6 181.2

98 68.1 47.7 88.5

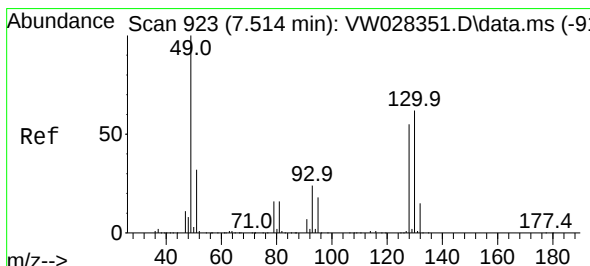
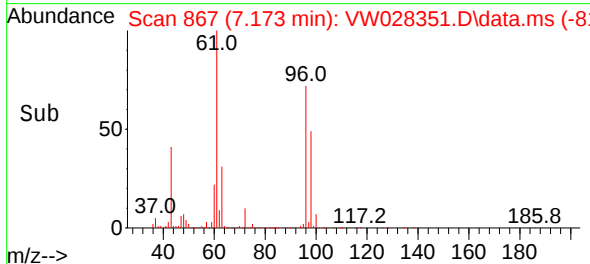
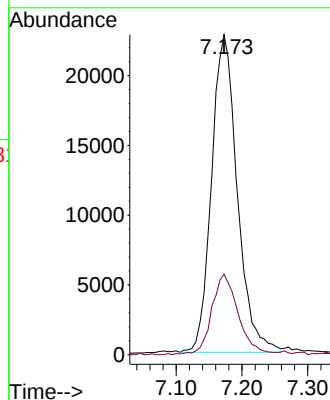
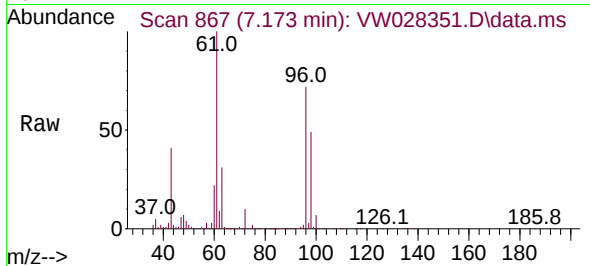




#22
2-Butanone
Concen: 48.708 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

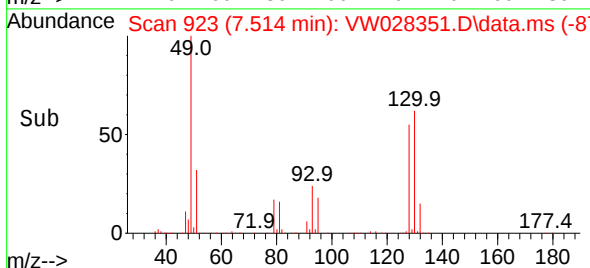
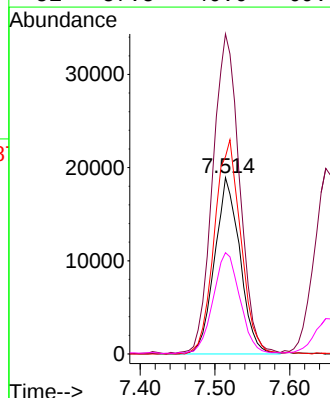
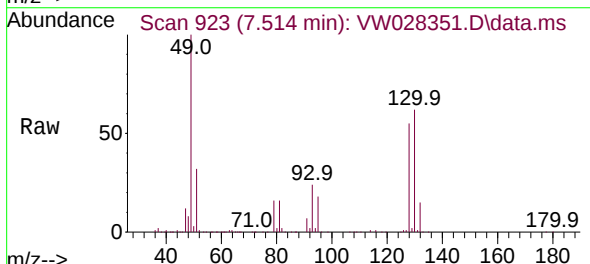
Instrument :
MSVOA_W
ClientSampleId :

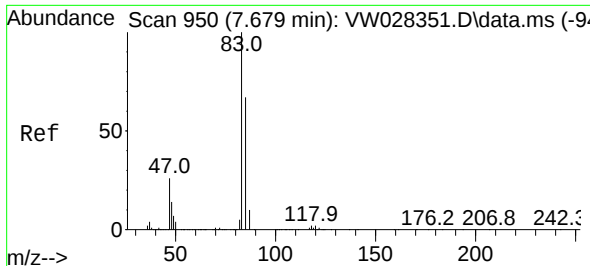
Tgt Ion: 43 Resp: 62015
Ion Ratio Lower Upper
43 100
72 25.6 12.8 38.4



#23
Bromochloromethane
Concen: 23.435 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion: 128 Resp: 44666
Ion Ratio Lower Upper
128 100
49 181.5 127.1 236.0
130 111.9 78.3 145.5
51 57.5 46.0 69.0





#25

Chloroform

Concen: 23.866 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

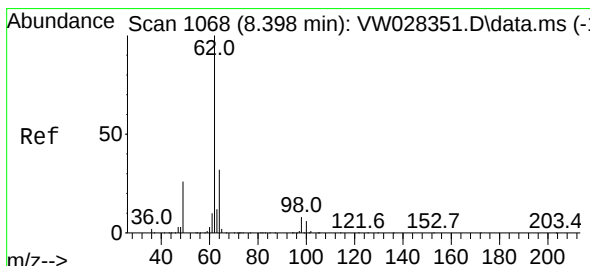
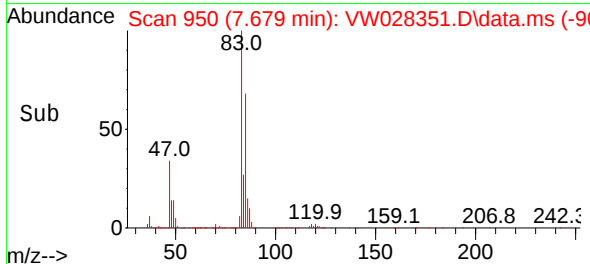
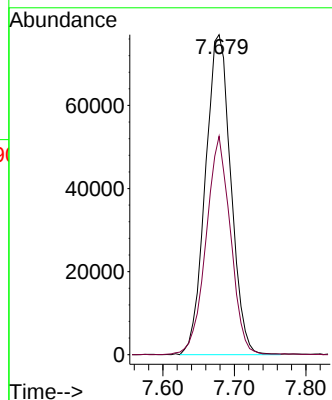
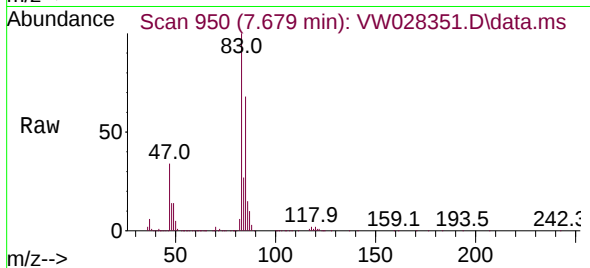
ClientSampleId :

Tgt Ion: 83 Resp: 190442

Ion Ratio Lower Upper

83 100

85 68.2 47.7 88.7



#27

1,2-Dichloroethane

Concen: 23.792 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028351.D

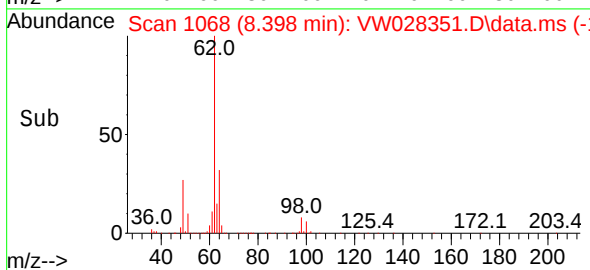
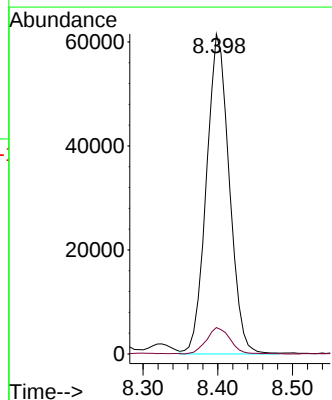
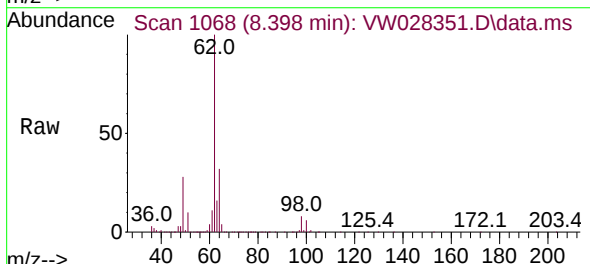
Acq: 08 Apr 2024 11:22

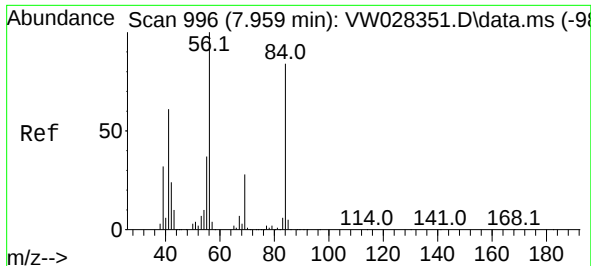
Tgt Ion: 62 Resp: 131034

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 24.477 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

ClientSampleId :

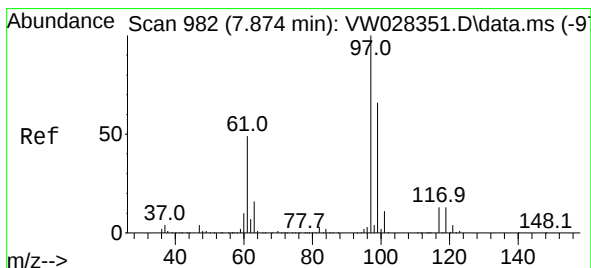
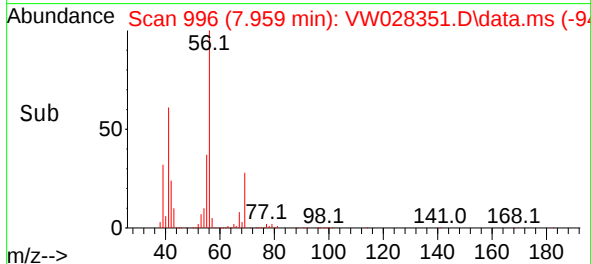
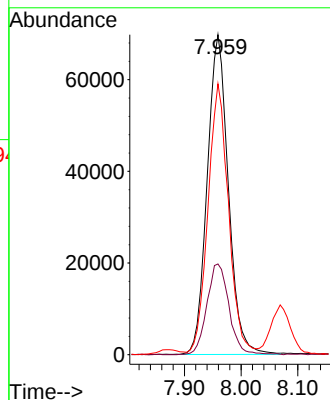
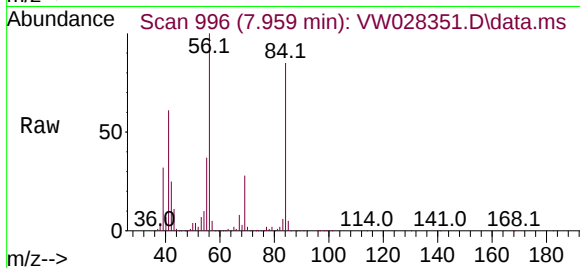
Tgt Ion: 56 Resp: 180335

Ion Ratio Lower Upper

56 100

69 29.7 23.8 35.6

84 82.4 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 23.408 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

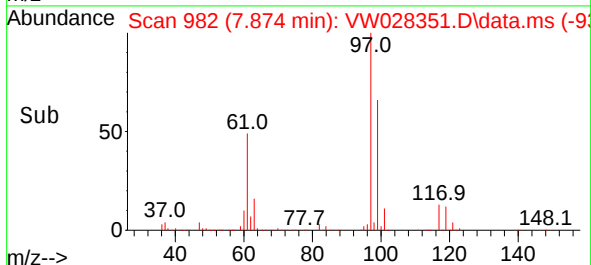
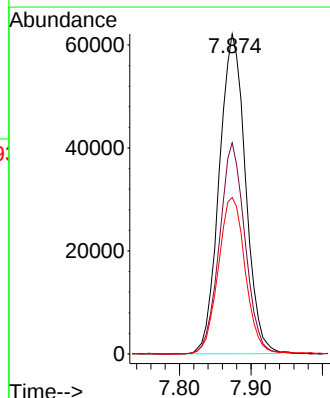
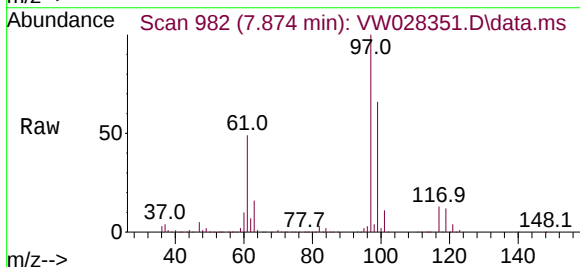
Tgt Ion: 97 Resp: 158349

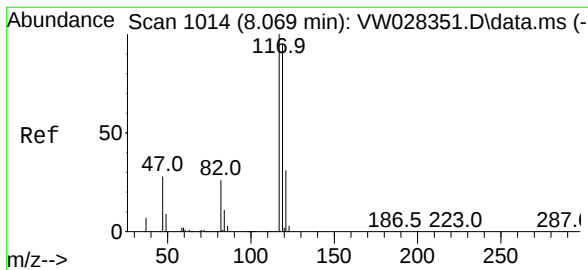
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 50.6 40.5 60.7

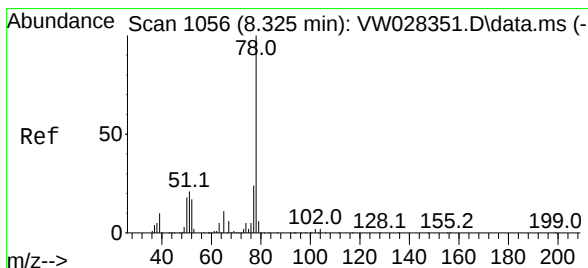
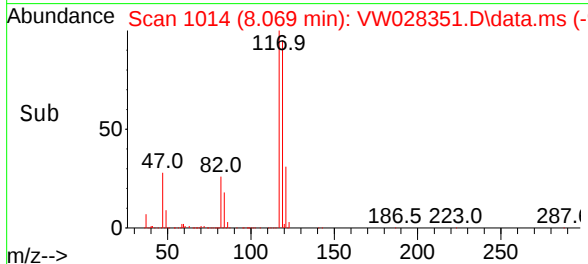
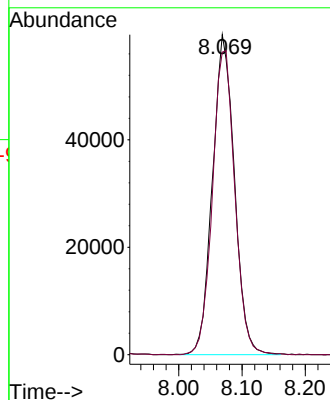
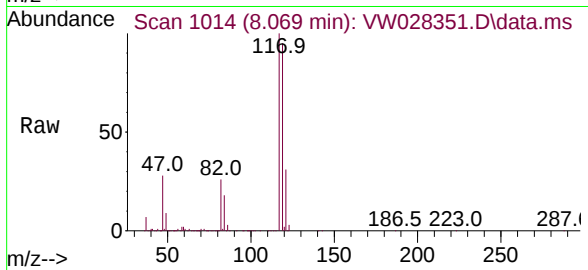




#31
Carbon tetrachloride
Concen: 23.930 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

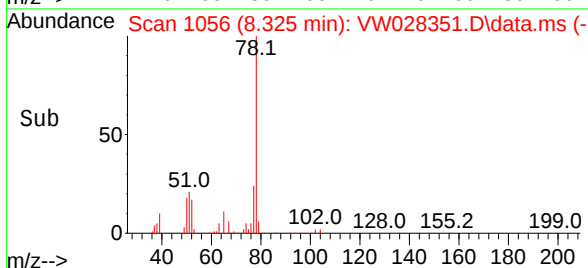
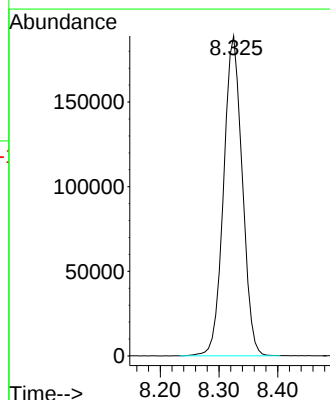
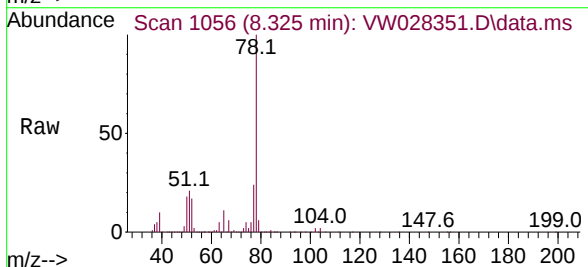
Instrument :
MSVOA_W
ClientSampleId :

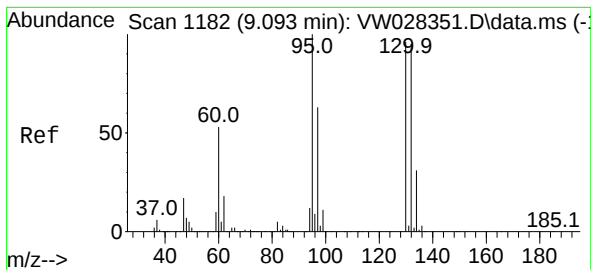
Tgt Ion:117 Resp: 143549
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2



#33
Benzene
Concen: 23.920 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion: 78 Resp: 417141





#34

Trichloroethene

Concen: 23.485 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

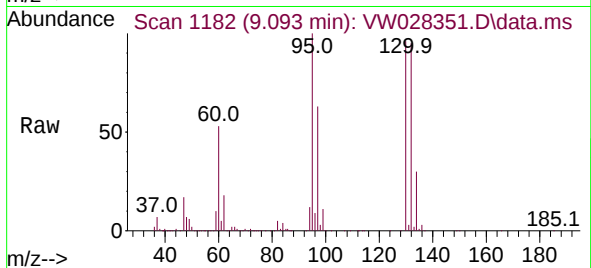
Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 110990

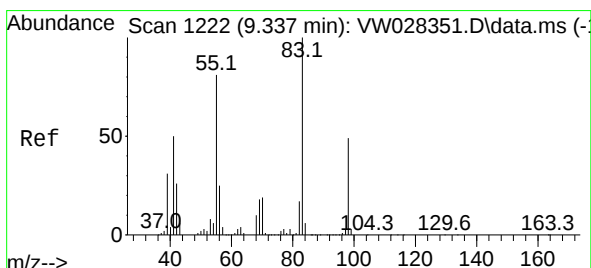
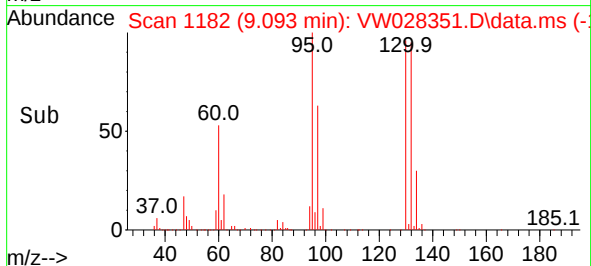
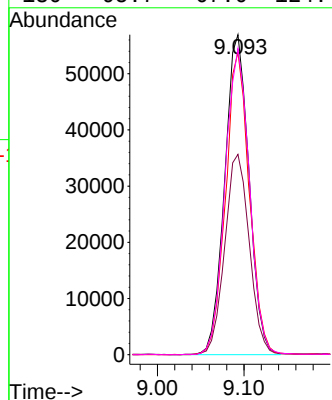
Ion Ratio Lower Upper

95 100

97 62.6 43.8 81.4

132 94.5 66.1 122.8

130 95.7 67.0 124.4



#35

Methylcyclohexane

Concen: 24.041 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

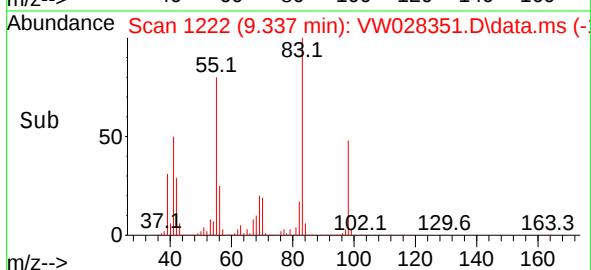
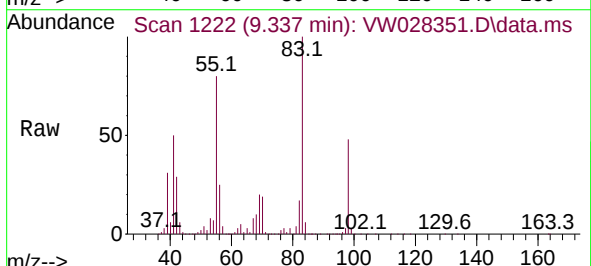
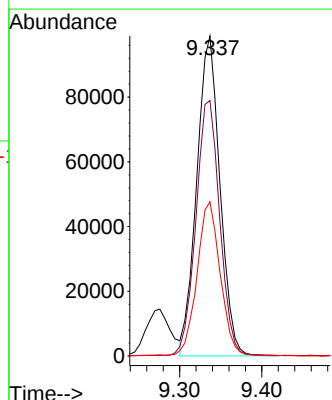
Tgt Ion: 83 Resp: 193897

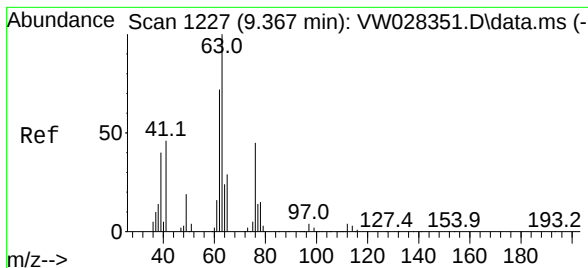
Ion Ratio Lower Upper

83 100

55 82.1 65.7 98.5

98 48.3 38.6 58.0





#37

1,2-Dichloropropane

Concen: 23.415 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

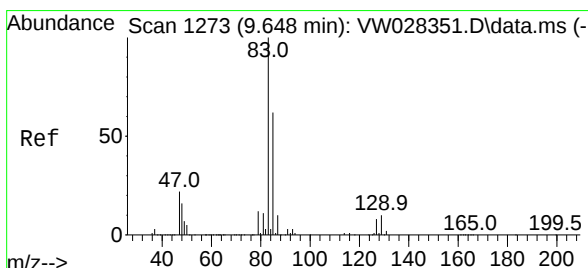
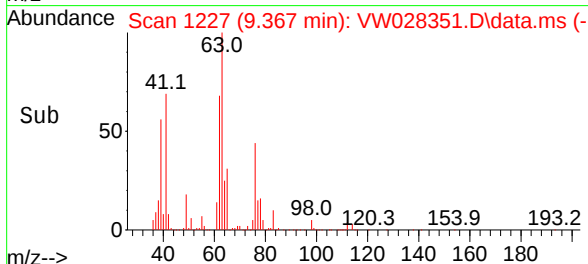
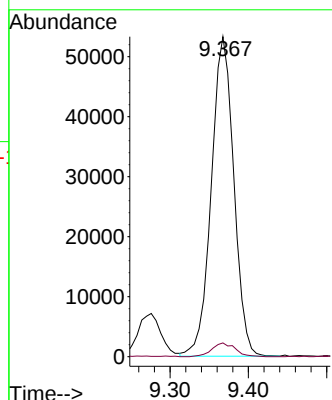
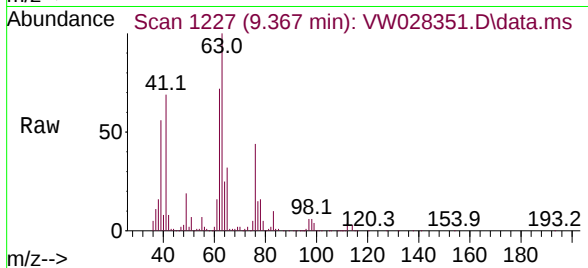
ClientSampleId :

Tgt Ion: 63 Resp: 106428

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 23.152 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

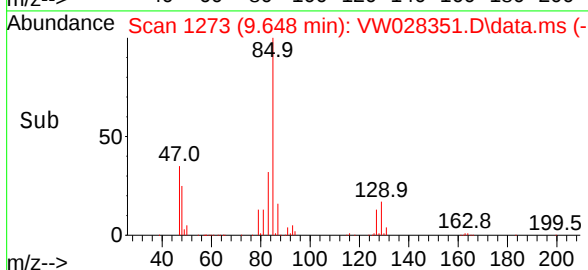
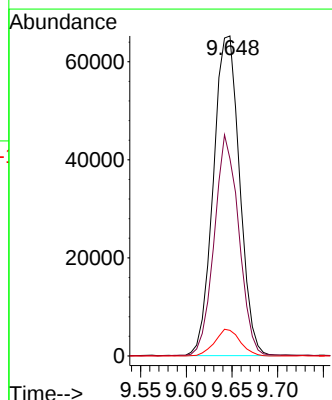
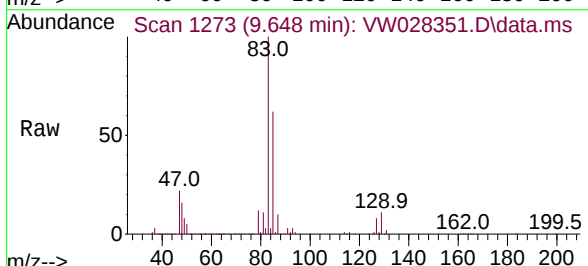
Tgt Ion: 83 Resp: 130437

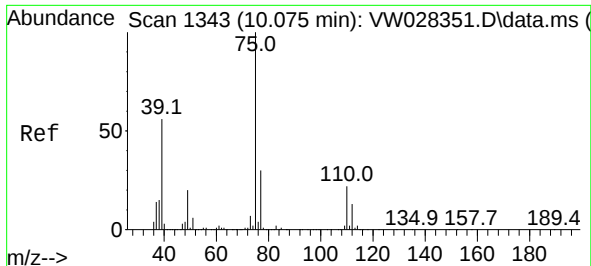
Ion Ratio Lower Upper

83 100

85 61.6 43.1 80.1

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.463 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

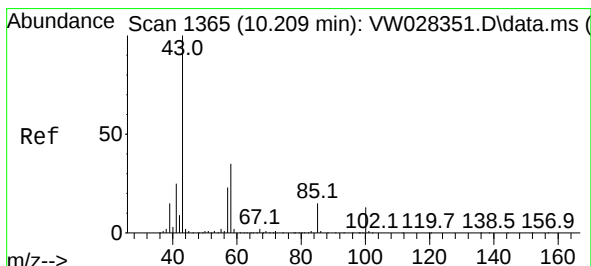
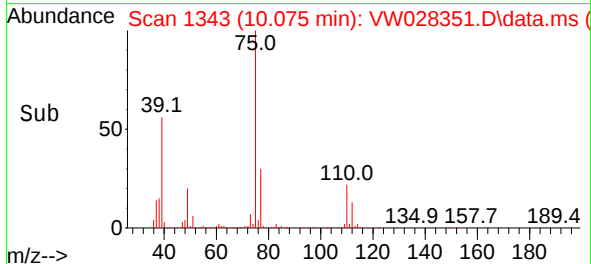
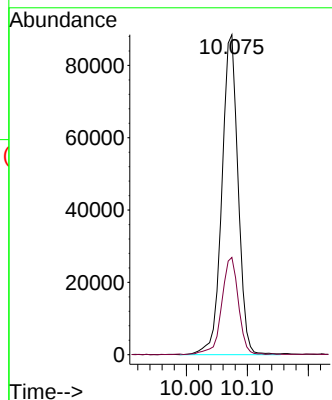
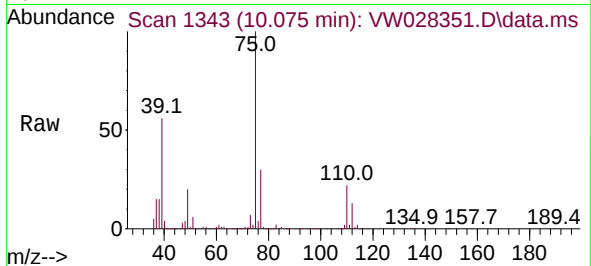
ClientSampleId :

Tgt Ion: 75 Resp: 163303

Ion Ratio Lower Upper

75 100

77 30.4 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 47.992 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

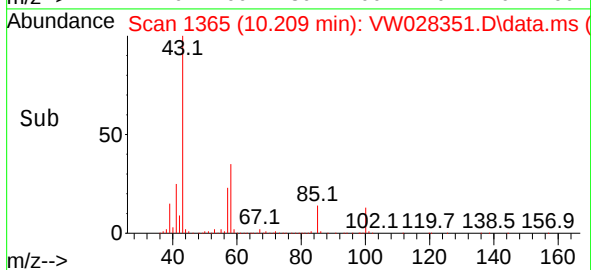
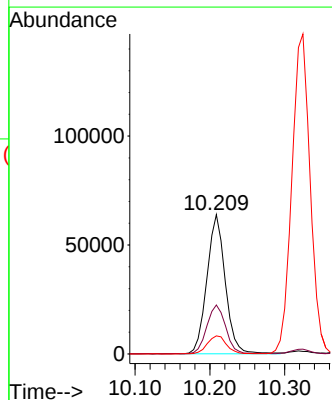
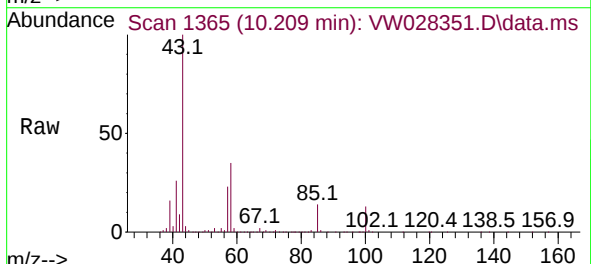
Tgt Ion: 43 Resp: 109254

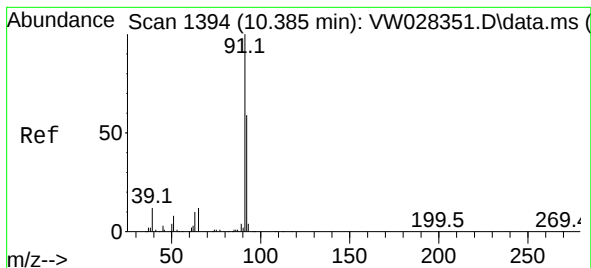
Ion Ratio Lower Upper

43 100

58 35.8 28.6 43.0

100 13.3 10.6 16.0





#42

Toluene

Concen: 23.840 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

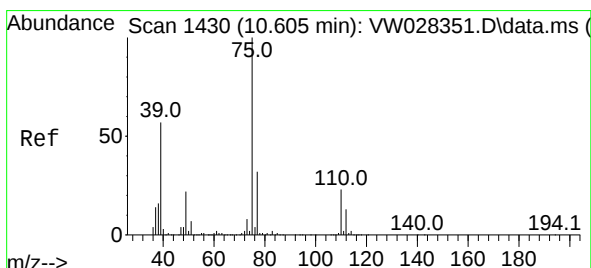
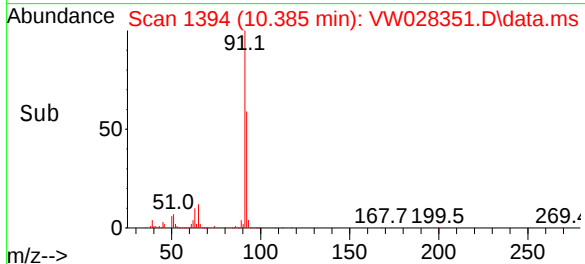
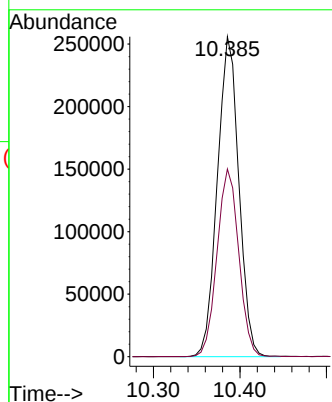
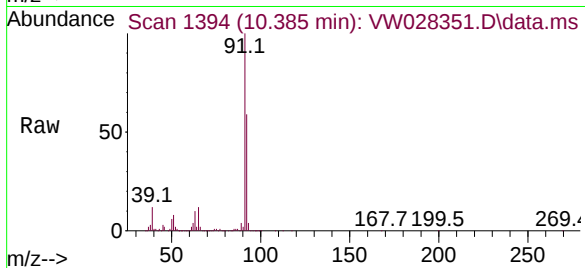
ClientSampleId :

Tgt Ion: 91 Resp: 440446

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 24.236 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028351.D

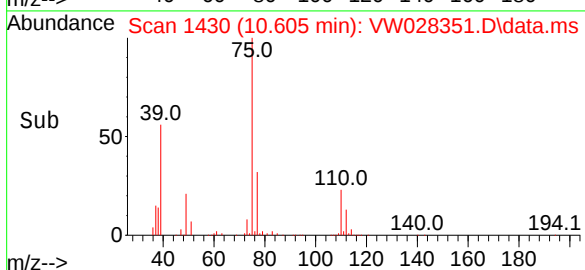
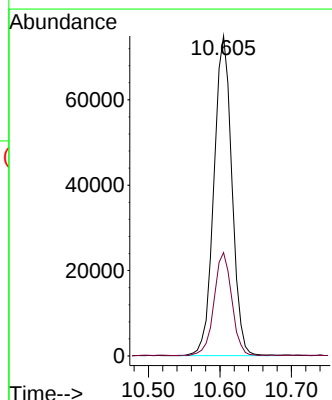
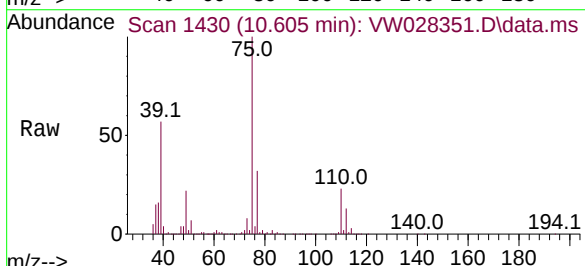
Acq: 08 Apr 2024 11:22

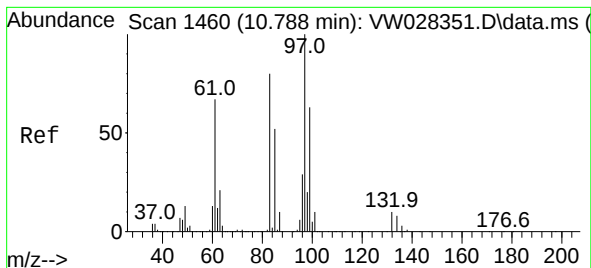
Tgt Ion: 75 Resp: 130687

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 22.987 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 70682

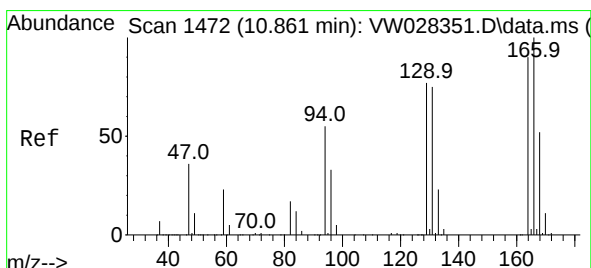
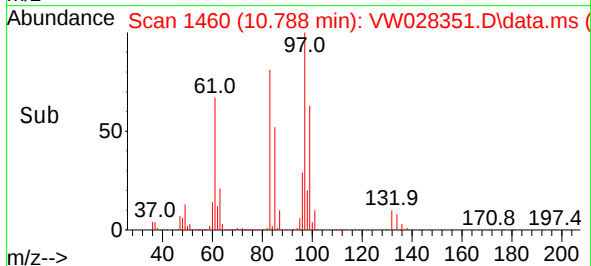
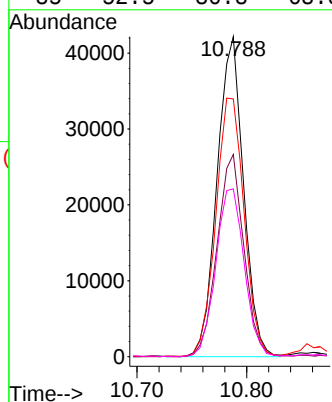
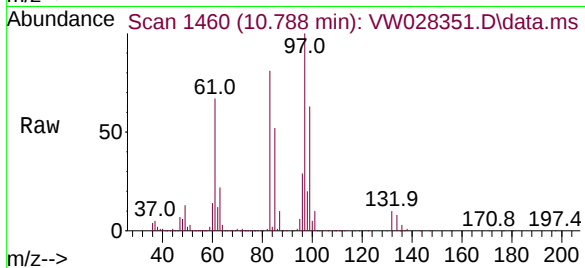
Ion Ratio Lower Upper

97 100

99 63.2 44.2 82.2

83 80.5 56.4 104.7

85 52.5 36.8 68.3



#46

Tetrachloroethene

Concen: 23.842 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Tgt Ion:164 Resp: 84165

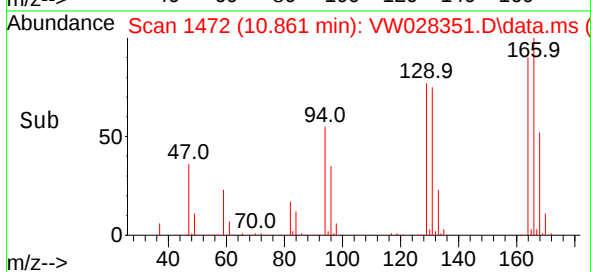
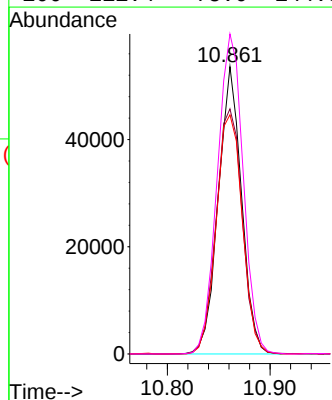
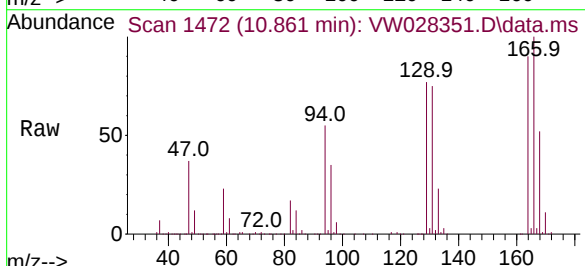
Ion Ratio Lower Upper

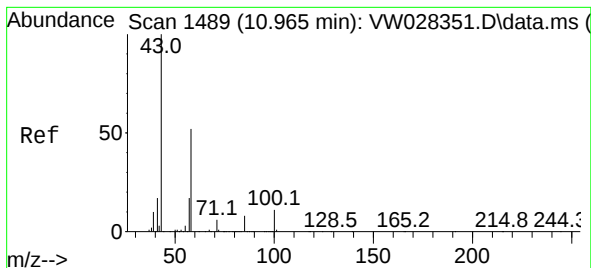
164 100

129 85.3 59.7 110.9

131 83.2 58.2 108.2

166 111.4 78.0 144.8

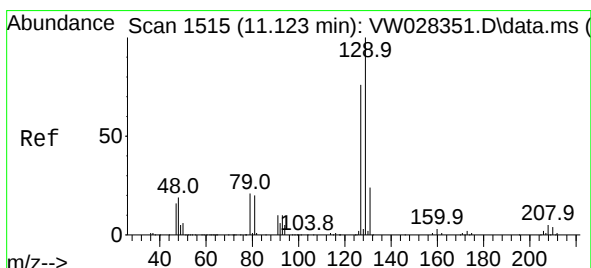
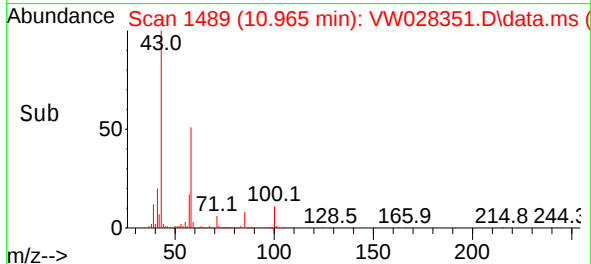
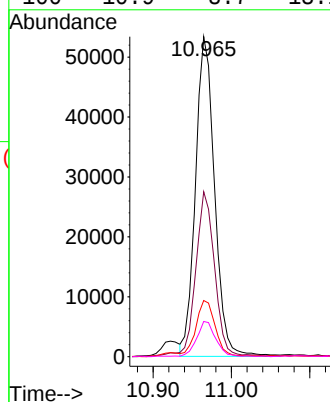
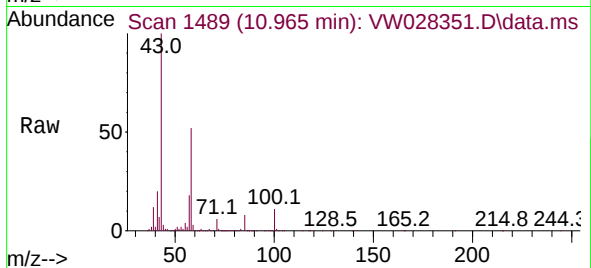




#48
2-Hexanone
Concen: 51.545 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

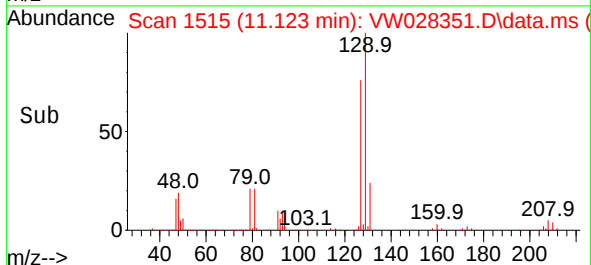
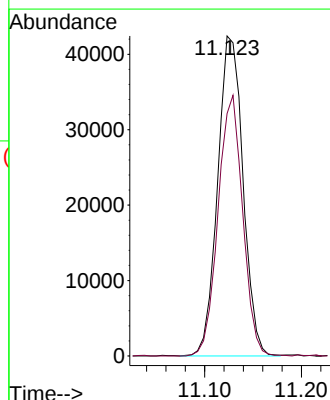
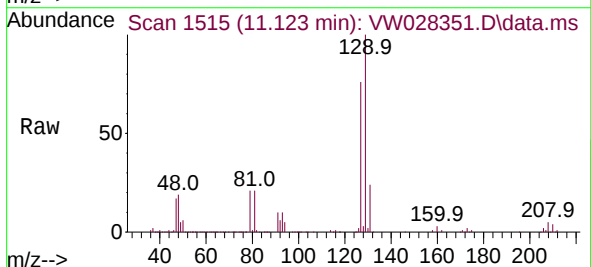
Instrument :
MSVOA_W
ClientSampleId :

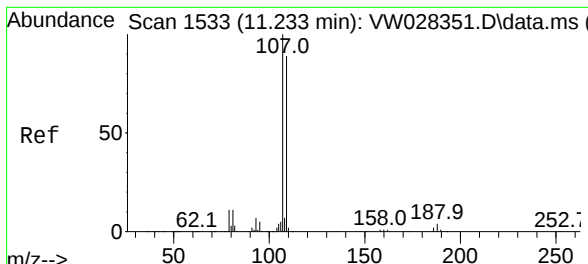
Tgt Ion:	43	Resp:	90844
Ion	Ratio	Lower	Upper
43	100		
58	48.6	38.9	58.3
57	18.0	14.4	21.6
100	10.9	8.7	13.1



#49
Dibromochloromethane
Concen: 23.504 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion:	129	Resp:	77252
Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.0	98.4



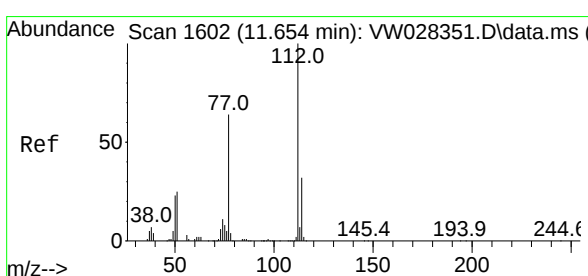
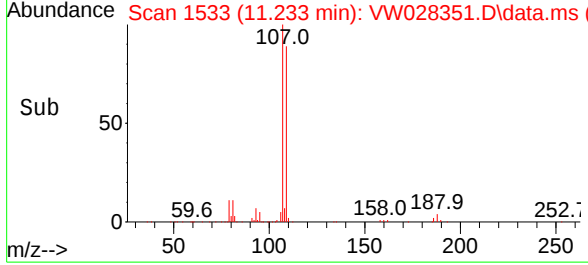
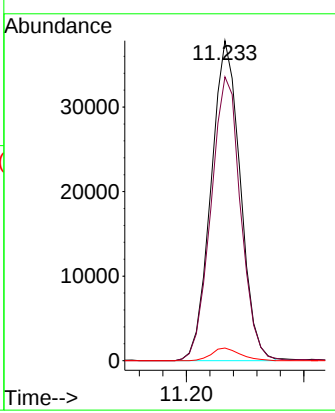
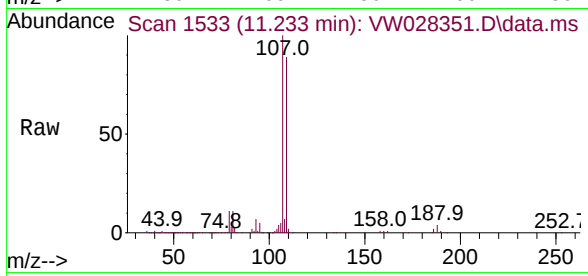


#50
 1,2-Dibromoethane
 Concen: 23.296 ug/L
 RT: 11.233 min Scan# 1533
 Delta R.T. 0.000 min
 Lab File: VW028351.D
 Acq: 08 Apr 2024 11:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:107 Resp: 65384

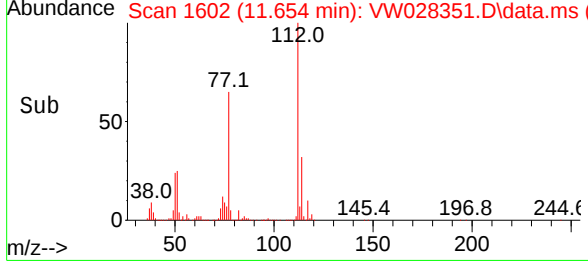
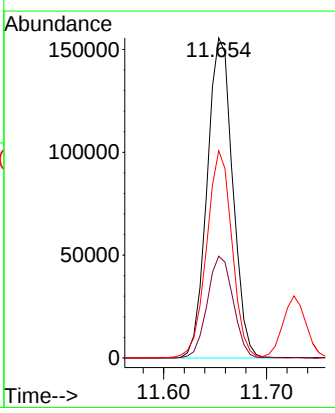
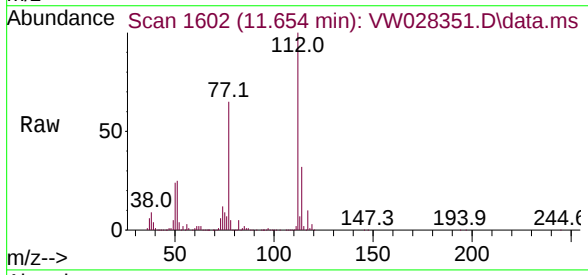
Ion	Ratio	Lower	Upper
107	100		
109	88.7	62.1	115.3
188	4.0	3.2	4.8

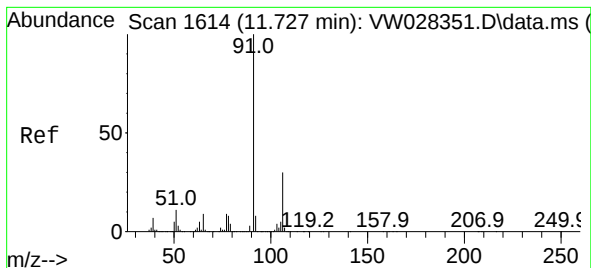


#51
 Chlorobenzene
 Concen: 23.426 ug/L
 RT: 11.654 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VW028351.D
 Acq: 08 Apr 2024 11:22

Tgt Ion:112 Resp: 269017

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.3
77	64.8	51.8	77.8





#52

Ethylbenzene

Concen: 24.076 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

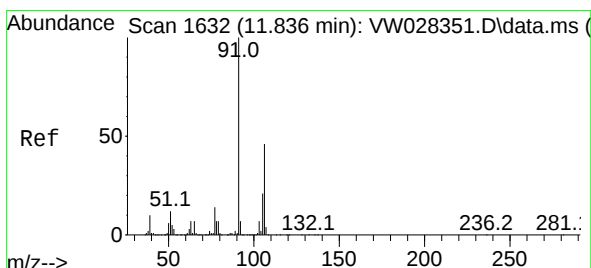
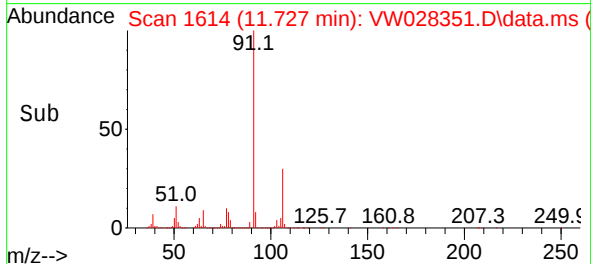
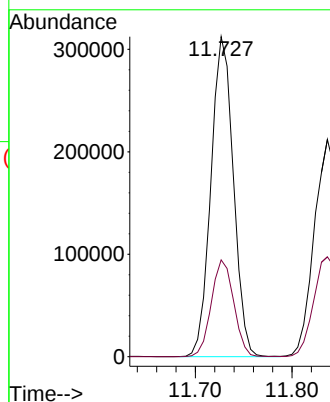
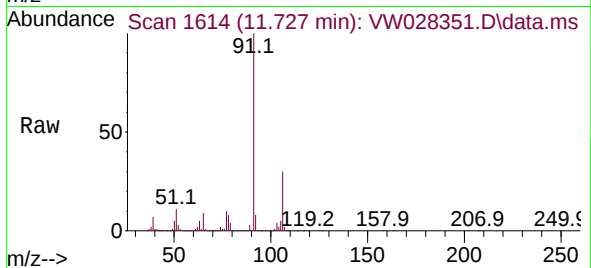
ClientSampleId :

Tgt Ion: 91 Resp: 504210

Ion Ratio Lower Upper

91 100

106 30.3 21.2 39.4



#53

m,p-Xylene

Concen: 24.311 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028351.D

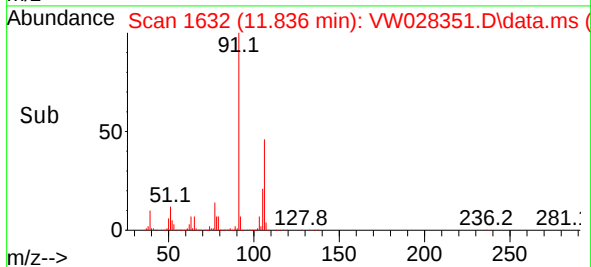
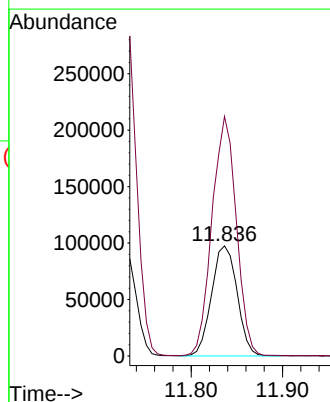
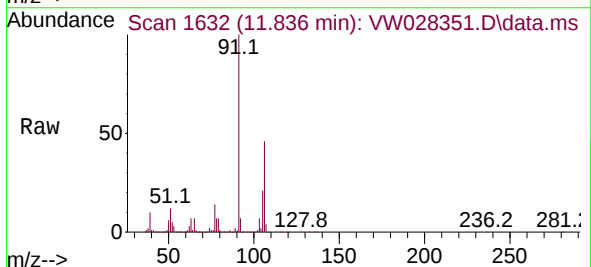
Acq: 08 Apr 2024 11:22

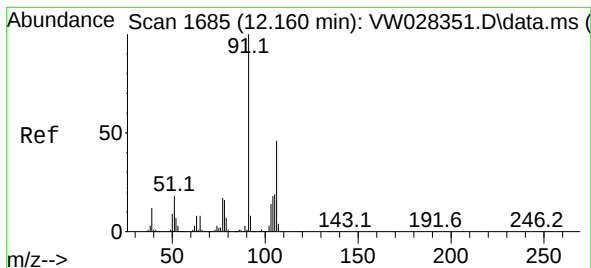
Tgt Ion:106 Resp: 189338

Ion Ratio Lower Upper

106 100

91 217.7 152.4 283.0





#54

o-Xylene

Concen: 24.581 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

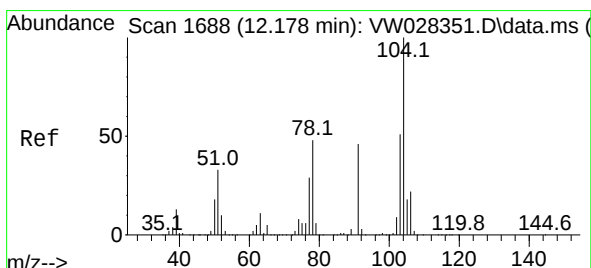
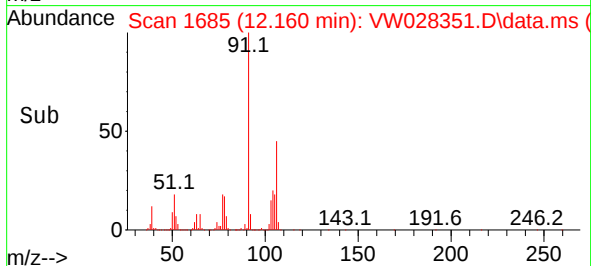
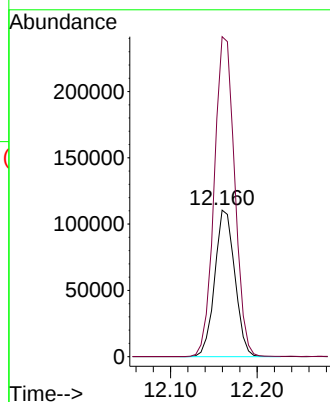
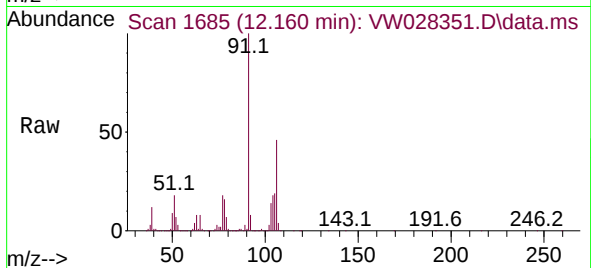
ClientSampleId :

Tgt Ion:106 Resp: 178250

Ion Ratio Lower Upper

106 100

91 218.4 152.9 283.9



#55

Styrene

Concen: 24.360 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028351.D

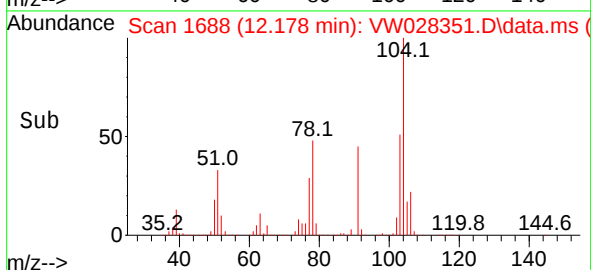
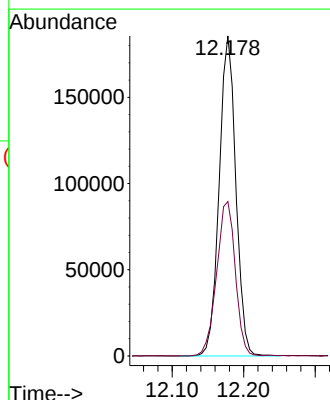
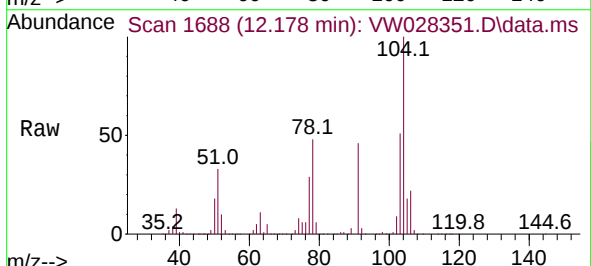
Acq: 08 Apr 2024 11:22

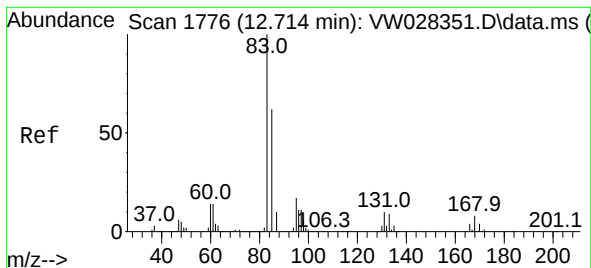
Tgt Ion:104 Resp: 300655

Ion Ratio Lower Upper

104 100

78 48.3 33.8 62.8

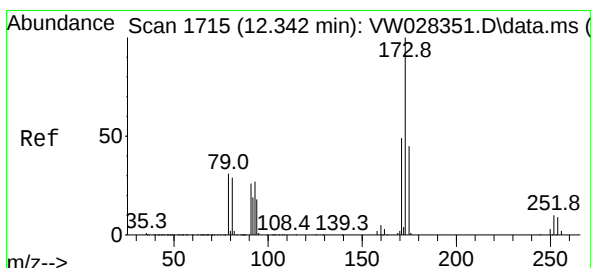
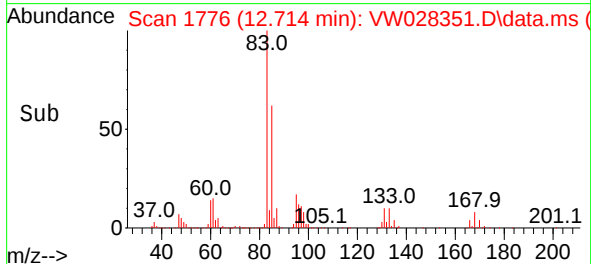
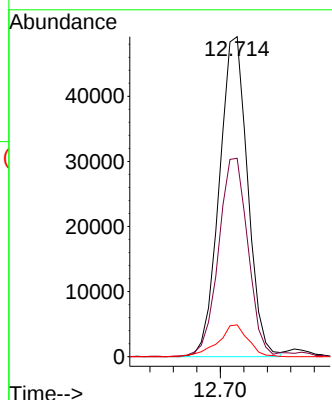
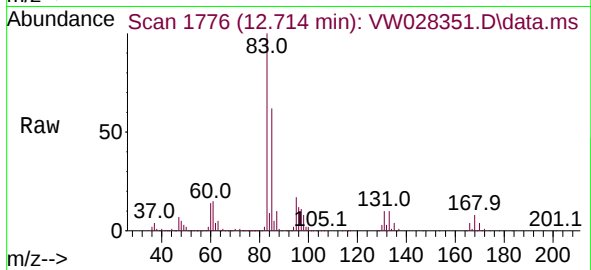




#57
1,1,2,2-Tetrachloroethane
Concen: 23.656 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

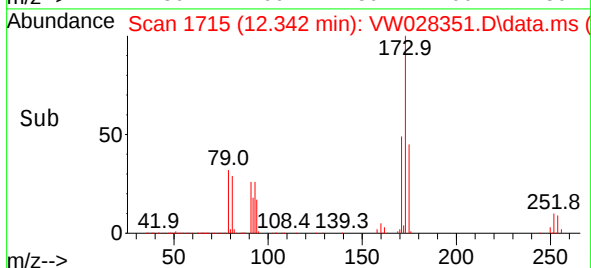
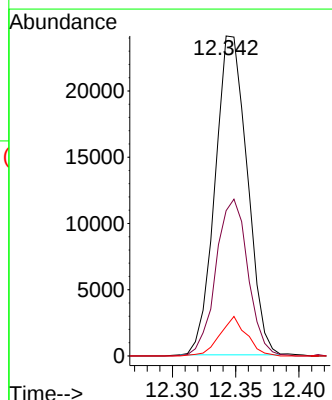
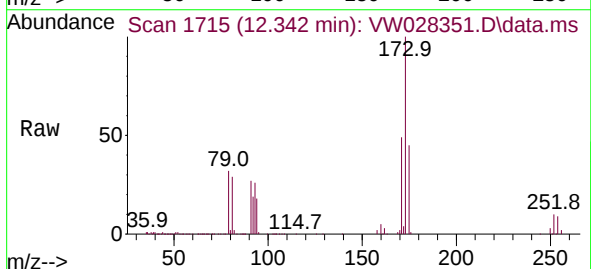
Instrument :
MSVOA_W
ClientSampleId :

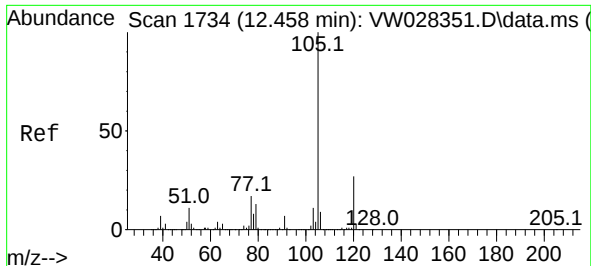
Tgt Ion: 83 Resp: 82325
Ion Ratio Lower Upper
83 100
85 62.0 43.4 80.6
131 10.0 8.0 12.0



#59
Bromoform
Concen: 23.821 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

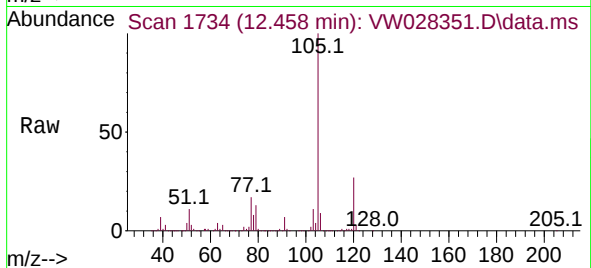
Tgt Ion: 173 Resp: 42516
Ion Ratio Lower Upper
173 100
175 49.0 39.2 58.8
254 10.4 8.3 12.5



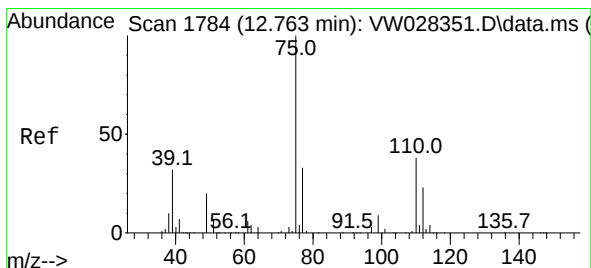
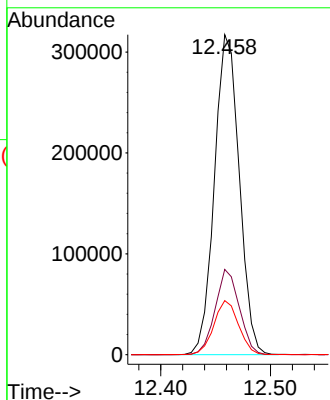
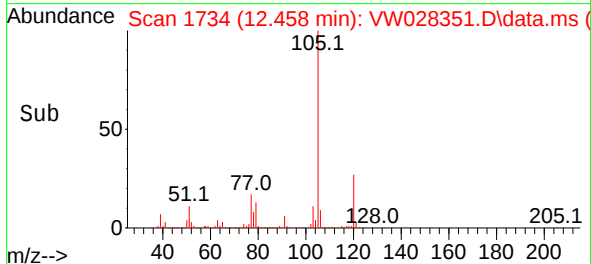


#60
Isopropylbenzene
Concen: 24.623 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Instrument :
MSVOA_W
ClientSampleId :

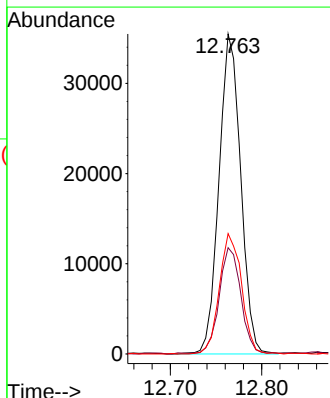
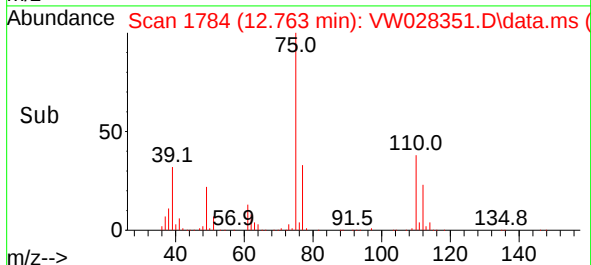
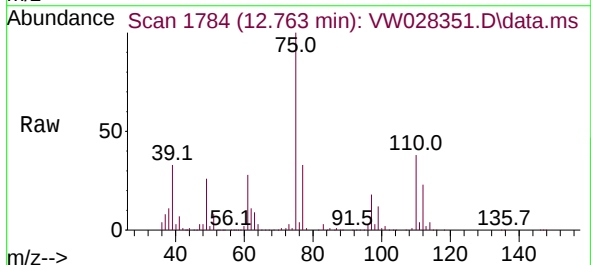


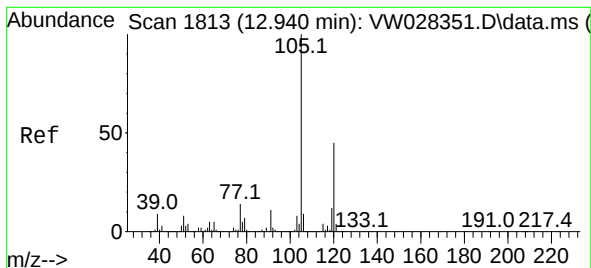
Tgt Ion:105 Resp: 499141
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 16.8 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.720 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion: 75 Resp: 58639
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 38.3 30.6 46.0

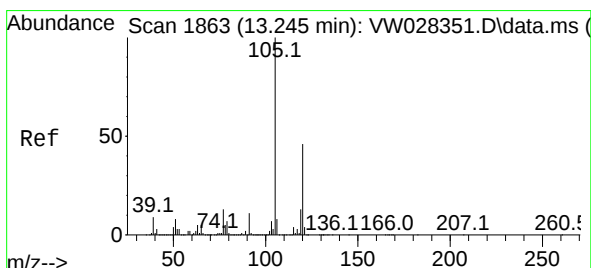
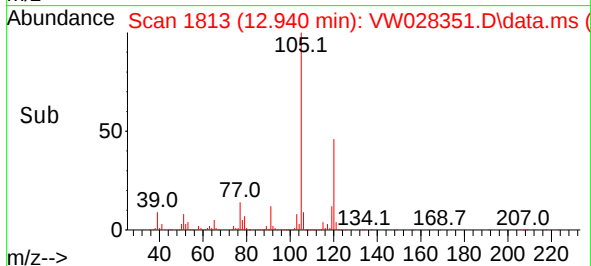
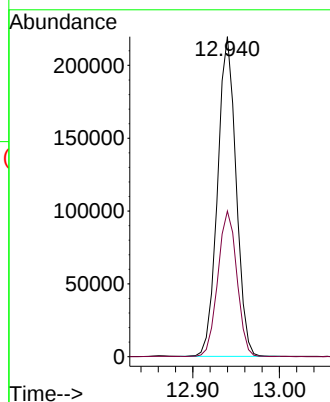
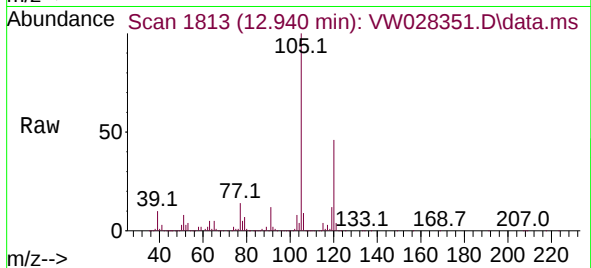




#62
1,3,5-Trimethylbenzene
Concen: 25.208 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

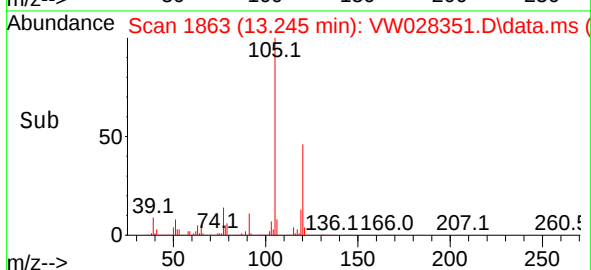
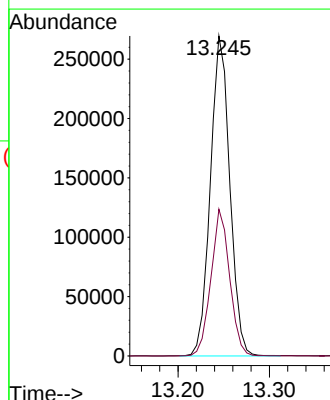
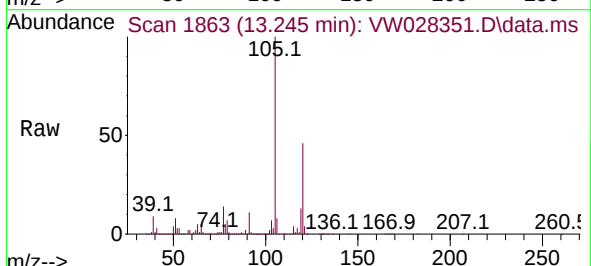
Instrument :
MSVOA_W
ClientSampleId :

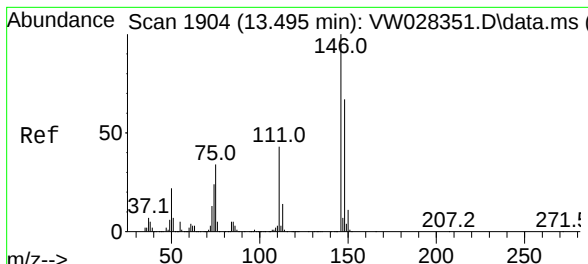
Tgt Ion:105 Resp: 325687
Ion Ratio Lower Upper
105 100
120 46.9 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 25.595 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

Tgt Ion:105 Resp: 397980
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.0



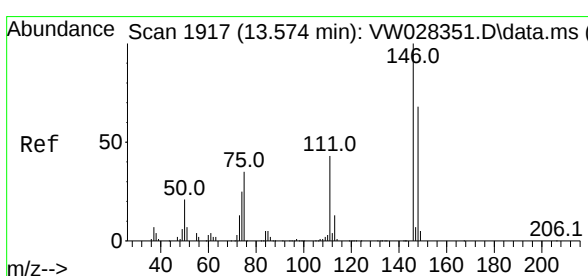
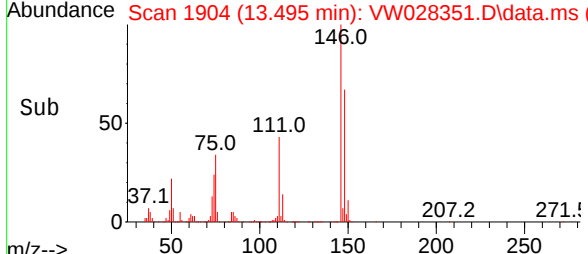
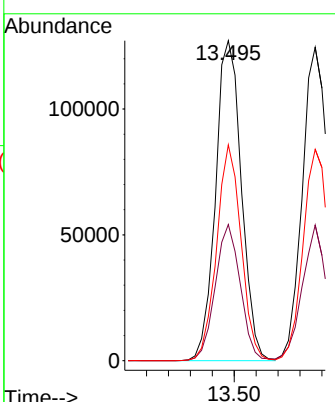
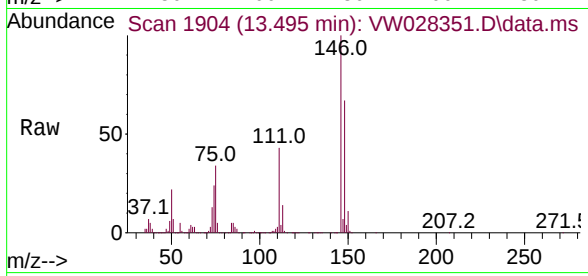


#64
 1,3-Dichlorobenzene
 Concen: 24.215 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW028351.D
 Acq: 08 Apr 2024 11:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 208280

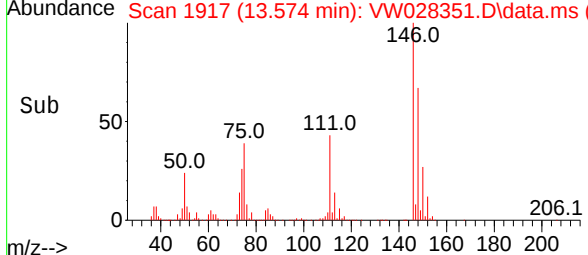
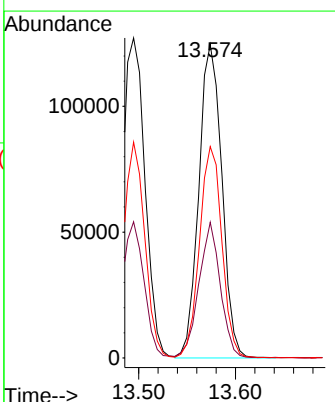
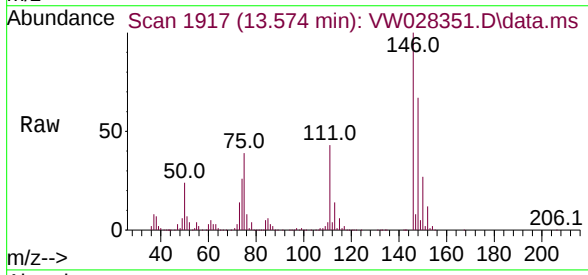
Ion	Ratio	Lower	Upper
146	100		
111	42.5	29.8	55.3
148	67.5	47.3	87.8

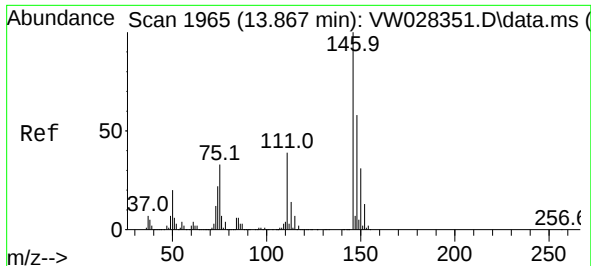


#65
 1,4-Dichlorobenzene
 Concen: 23.595 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW028351.D
 Acq: 08 Apr 2024 11:22

Tgt Ion:146 Resp: 206450

Ion	Ratio	Lower	Upper
146	100		
111	43.3	30.3	56.3
148	67.5	47.3	87.8

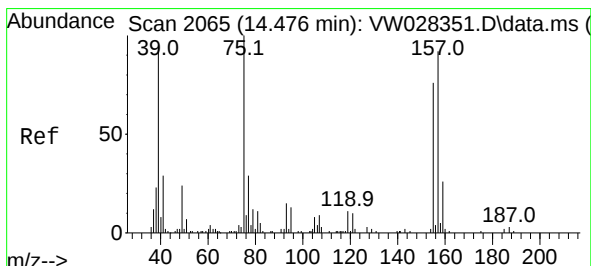
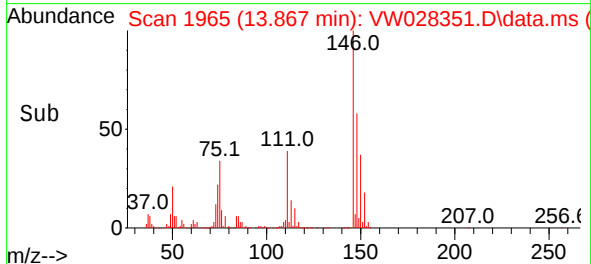
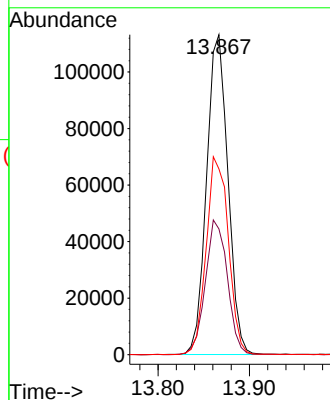
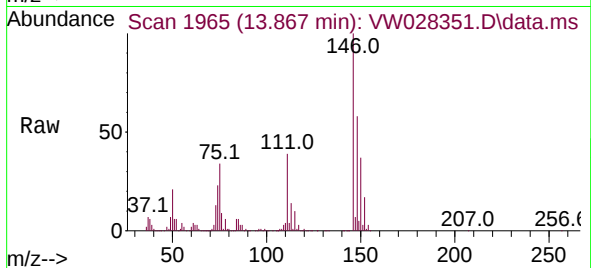




#67
1,2-Dichlorobenzene
Concen: 24.220 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

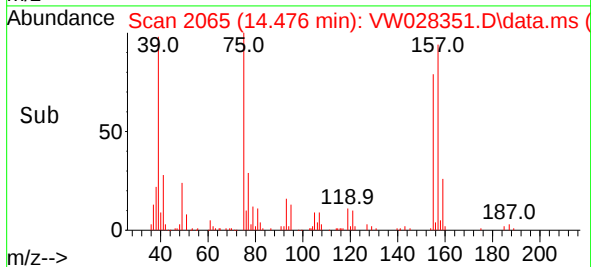
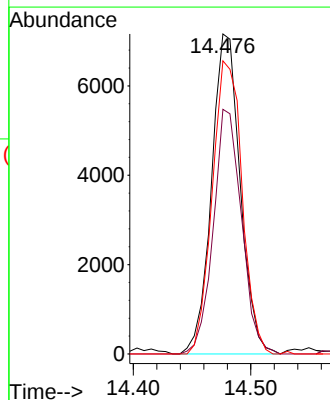
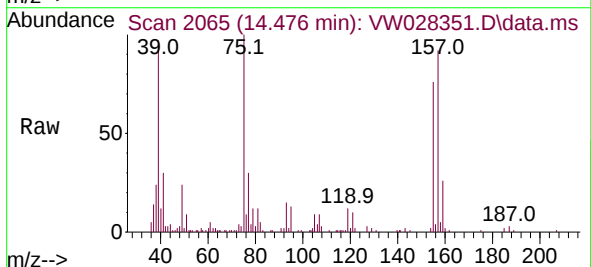
Instrument :
MSVOA_W
ClientSampleId :

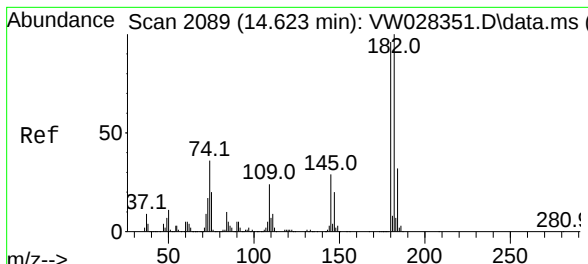
Tgt Ion:146 Resp: 183243
Ion Ratio Lower Upper
146 100
111 39.3 31.4 47.2
148 58.0 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.393 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028351.D
Acq: 08 Apr 2024 11:22

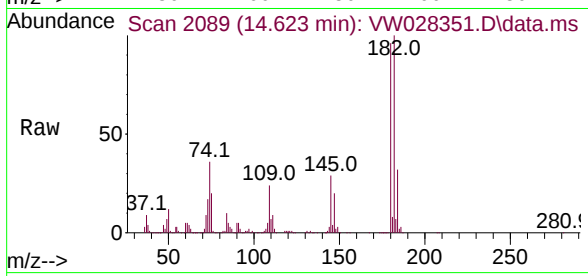
Tgt Ion: 75 Resp: 12119
Ion Ratio Lower Upper
75 100
155 76.5 61.2 91.8
157 91.6 73.3 109.9





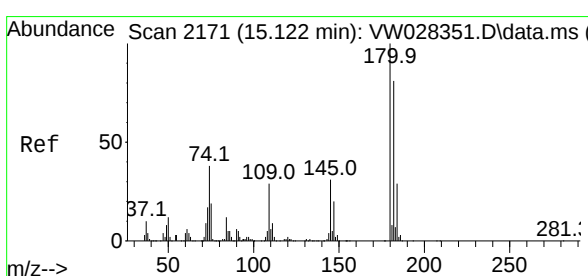
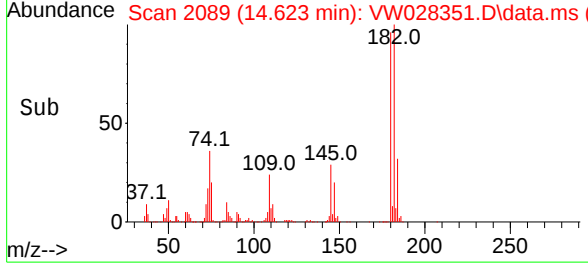
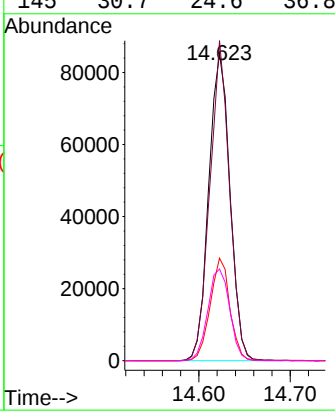
#69
 1,3,5-Trichlorobenzene
 Concen: 23.253 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW028351.D
 Acq: 08 Apr 2024 11:22

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 137630

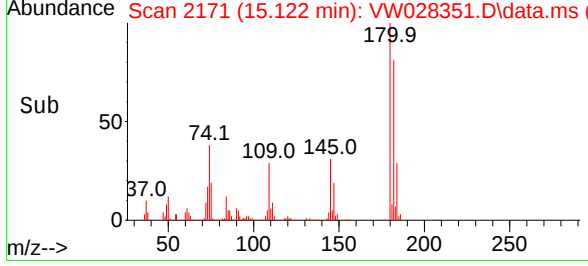
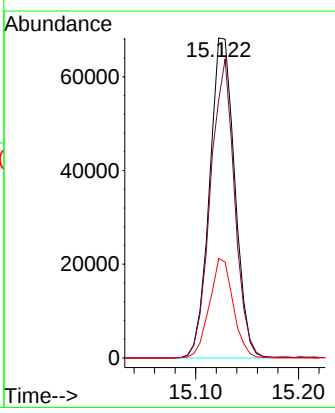
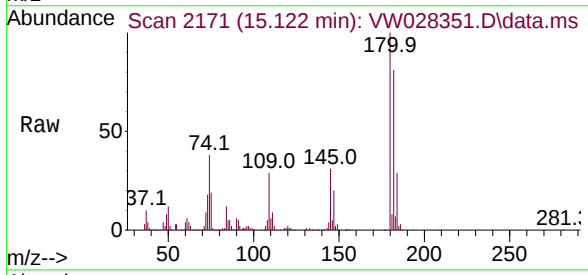
Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.4	116.0
184	31.0	24.8	37.2
145	30.7	24.6	36.8

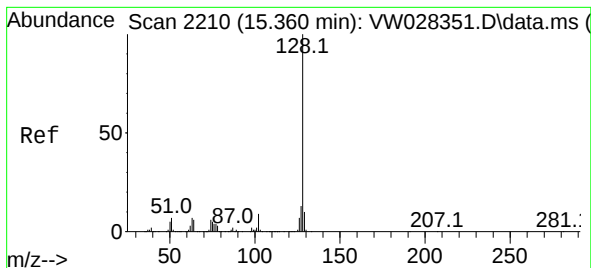


#70
 1,2,4-trichlorobenzene
 Concen: 25.139 ug/L
 RT: 15.122 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VW028351.D
 Acq: 08 Apr 2024 11:22

Tgt Ion:180 Resp: 116196

Ion	Ratio	Lower	Upper
180	100		
182	89.4	71.5	107.3
145	29.4	23.5	35.3





#71

Naphthalene

Concen: 24.782 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Instrument :

MSVOA_W

ClientSampleId :

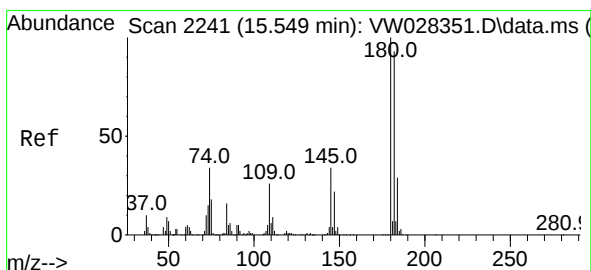
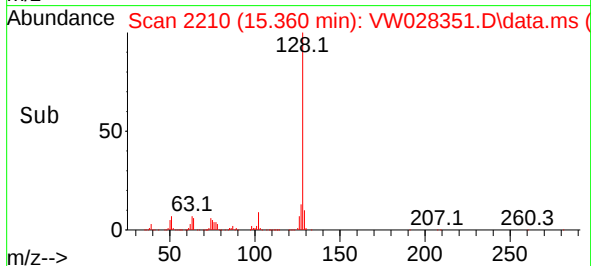
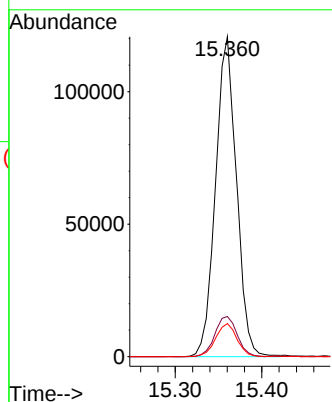
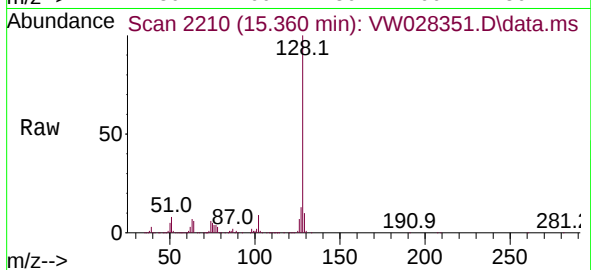
Tgt Ion:128 Resp: 202717

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.237 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028351.D

Acq: 08 Apr 2024 11:22

Tgt Ion:180 Resp: 99408

Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 32.8 26.2 39.4

