

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028185.D
 Acq On : 14 Mar 2024 17:51
 Operator : SY/MD
 Sample : P1742-21MSD
 Misc : 4.65g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:59:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	197982	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	176441	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	75747	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	65919	28.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.840%	
7) Chloroethane-d5	2.899	69	47039	29.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.280%	
11) 1,1-Dichloroethene-d2	4.027	65	41366	28.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 112.640%#	
21) 2-Butanone-d5	7.075	46	47911	70.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 140.240%#	
24) Chloroform-d	7.648	84	176311	30.201	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 120.800%	
26) 1,2-Dichloroethane-d4	8.307	65	102818	31.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 127.840%	
32) Benzene-d6	8.276	84	338397	31.413	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 125.640%	
36) 1,2-Dichloropropane-d6	9.276	67	98412	31.745	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 127.000%#	
41) Toluene-d8	10.318	98	307362	30.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 123.720%	
43) trans-1,3-Dichloroprop...	10.575	79	45364	32.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 128.880%	
47) 2-Hexanone-d5	10.922	63	39366	76.823	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 153.640%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74890	32.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 130.800%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	82940	30.058	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 120.240%#	
Target Compounds					Qvalue	
3) Chloromethane	2.222	50	49222	24.164	ug/L	99
5) Vinyl chloride	2.369	62	54686	23.750	ug/L	93
6) Bromomethane	2.795	94	33376	24.339	ug/L	97
8) Chloroethane	2.936	64	29448	23.794	ug/L	99
9) Trichlorofluoromethane	3.271	101	78954	28.361	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	59105	21.372	ug/L	96
12) 1,1-Dichloroethene	4.045	96	61539	24.071	ug/L	99
13) Acetone	4.118	43	47845	63.070	ug/L	99
14) Carbon disulfide	4.387	76	188083	23.587	ug/L	98
15) Methyl Acetate	4.673	43	30983	26.515	ug/L	99
16) Methylene chloride	4.923	84	64105	21.274	ug/L	93
17) trans-1,2-Dichloroethene	5.435	96	63637	23.422	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	115551	28.189	ug/L #	91
19) 1,1-Dichloroethane	6.222	63	126897	24.125	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	71265	24.287	ug/L	96
22) 2-Butanone	7.167	43	50596	58.744	ug/L	99
23) Bromochloromethane	7.520	128	31371	24.183	ug/L	93
25) Chloroform	7.679	83	132723	24.510	ug/L	99
27) 1,2-Dichloroethane	8.398	62	96236	25.166	ug/L	96

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 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

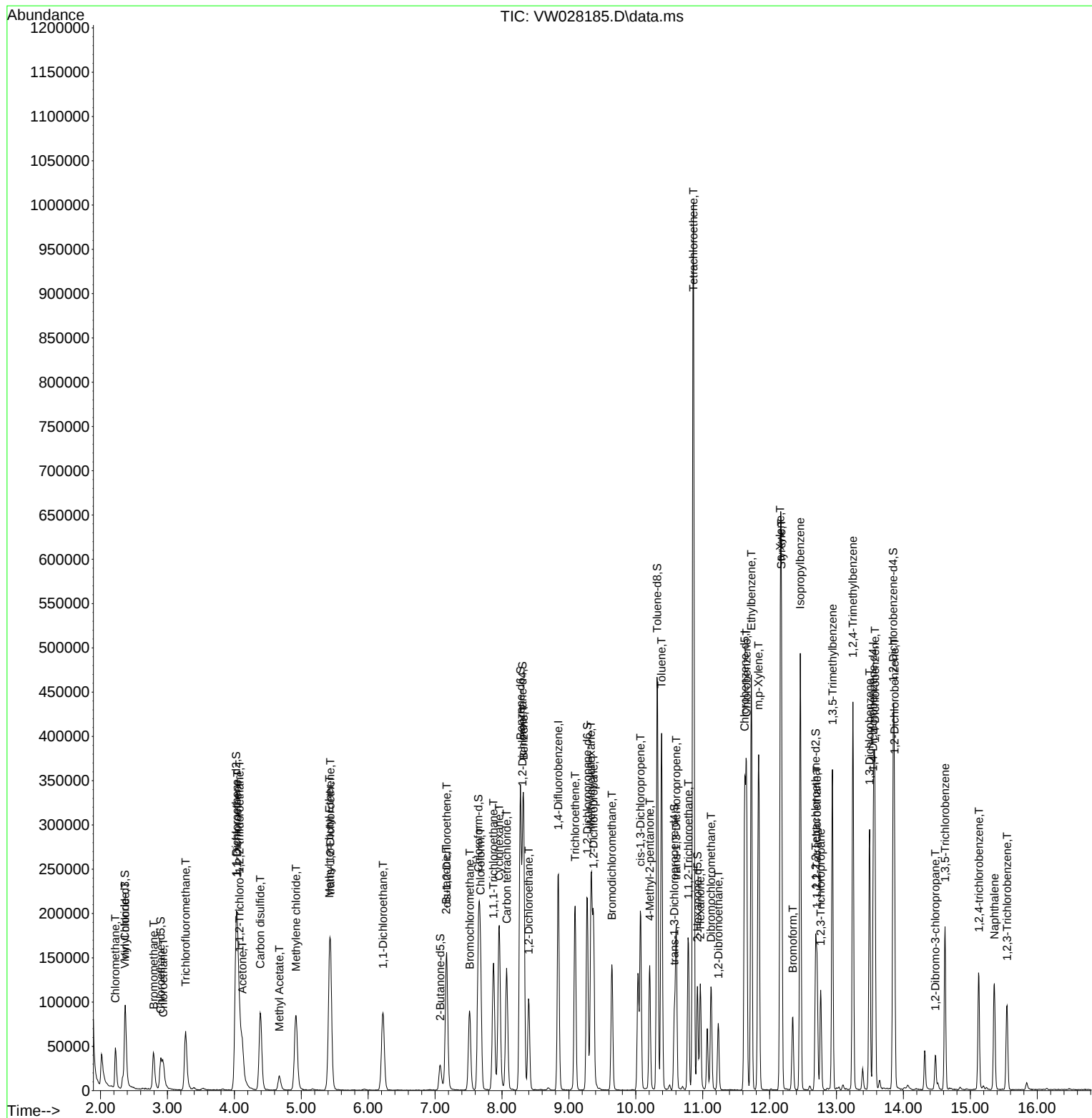
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	106056	23.045	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	117181	25.336	ug/L	99
31) Carbon tetrachloride	8.069	117	103058	23.755	ug/L	100
33) Benzene	8.325	78	269796	24.849	ug/L	100
34) Trichloroethene	9.093	95	74023	24.437	ug/L	96
35) Methylcyclohexane	9.331	83	95769	18.704	ug/L	99
37) 1,2-Dichloropropane	9.367	63	69582	25.056	ug/L	99
38) Bromodichloromethane	9.642	83	95753	25.574	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	116243	26.137	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	91797	59.884	ug/L	100
42) Toluene	10.386	91	288531	24.349	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	100201	26.685	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	51408	25.621	ug/L	99
46) Tetrachloroethene	10.861	164	222746	91.225	ug/L	99
48) 2-Hexanone	10.965	43	73990	61.618	ug/L	97
49) Dibromochloromethane	11.123	129	61078	25.703	ug/L	96
50) 1,2-Dibromoethane	11.233	107	49304	25.698	ug/L	95
51) Chlorobenzene	11.654	112	176351	23.447	ug/L	98
52) Ethylbenzene	11.727	91	319397	23.090	ug/L	99
53) m,p-Xylene	11.836	106	118917	22.845	ug/L	94
54) o-Xylene	12.160	106	112859	23.380	ug/L	89
55) Styrene	12.178	104	193487	23.335	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	58698	25.576	ug/L	94
59) Bromoform	12.349	173	36185	31.880	ug/L	95
60) Isopropylbenzene	12.458	105	307668	27.338	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	45882	31.738	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	186395	24.684	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	229197	25.137	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	114881	22.881	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	118521	23.607	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	101345	23.439	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	9872	29.070	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	54223	15.504	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	40666	13.687	ug/L	96
71) Naphthalene	15.360	128	103306	20.258	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	31897	13.023	ug/L	100

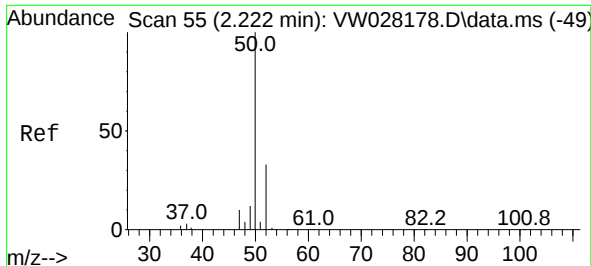
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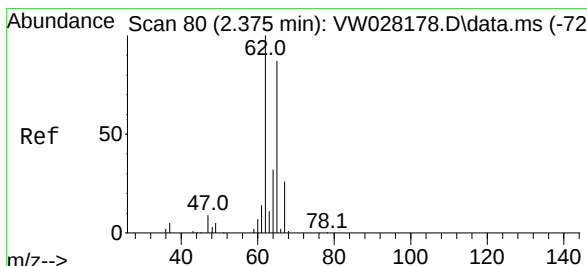
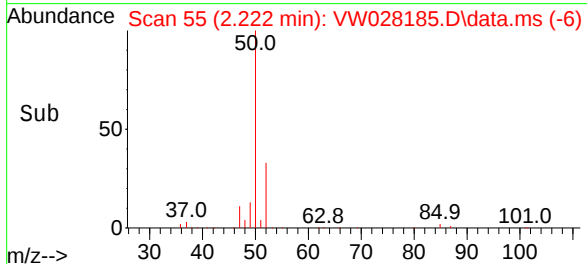
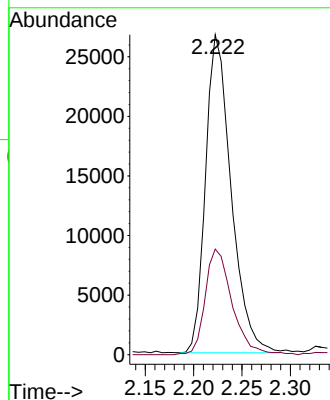
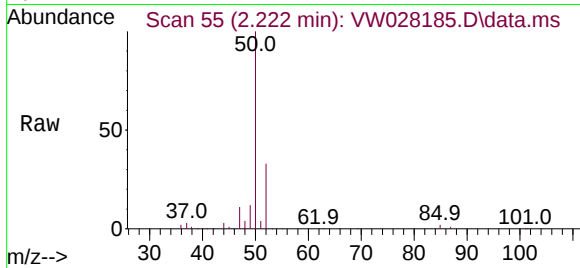




#3
Chloromethane
Concen: 24.164 ug/L
RT: 2.222 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

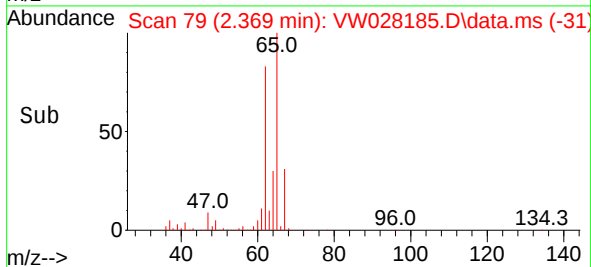
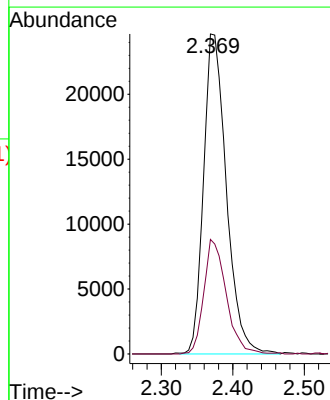
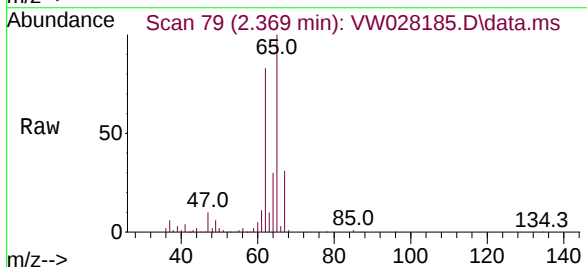
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MSVOA_W
ClientSampleId :

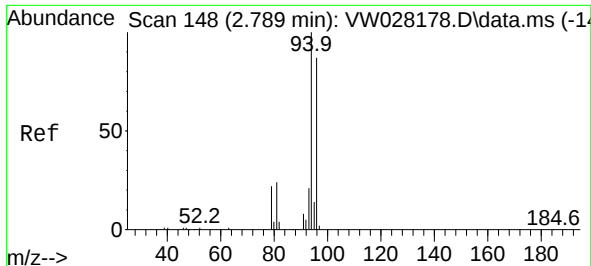
Tgt Ion: 50 Resp: 49222
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.1



#5
Vinyl chloride
Concen: 23.750 ug/L
RT: 2.369 min Scan# 79
Delta R.T. -0.006 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

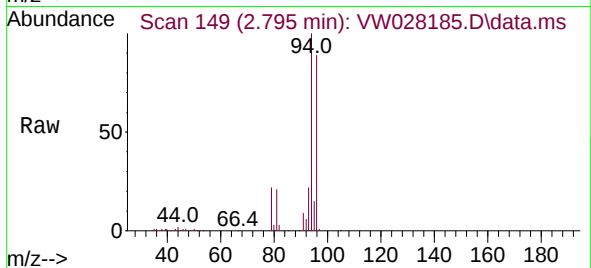
Tgt Ion: 62 Resp: 54686
Ion Ratio Lower Upper
62 100
64 35.8 22.5 41.7



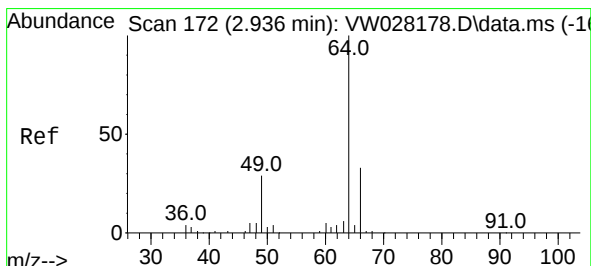
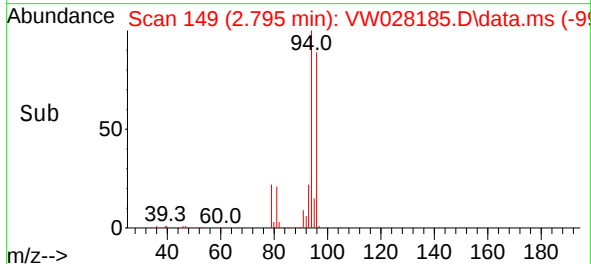
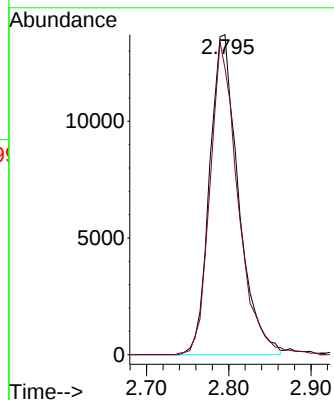


#6
Bromomethane
Concen: 24.339 ug/L
RT: 2.795 min Scan# 148
Delta R.T. 0.006 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

Instrument :
MSVOA_W
ClientSampleId :

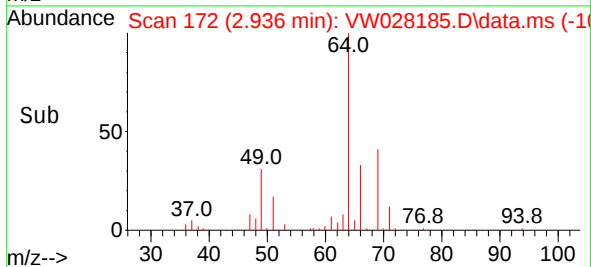
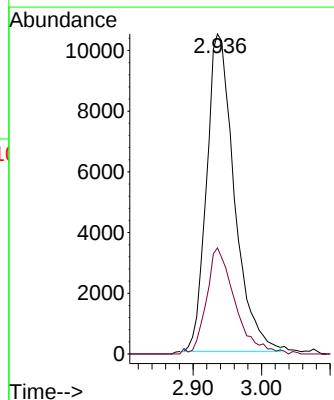
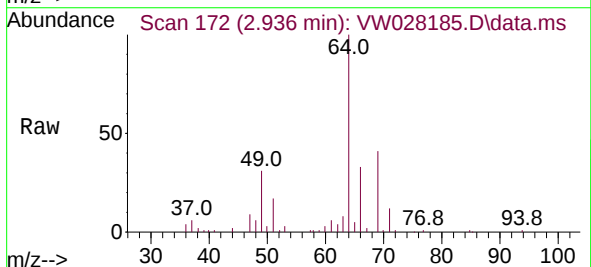


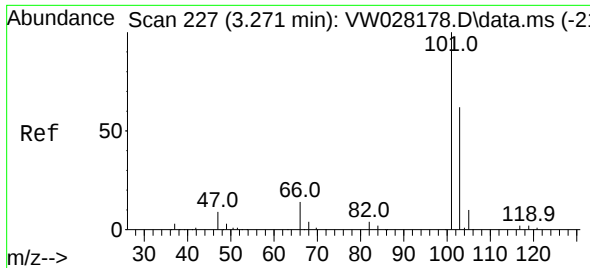
Tgt Ion: 94 Resp: 33376
Ion Ratio Lower Upper
94 100
96 89.5 60.8 113.0



#8
Chloroethane
Concen: 23.794 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

Tgt Ion: 64 Resp: 29448
Ion Ratio Lower Upper
64 100
66 33.1 22.9 42.5

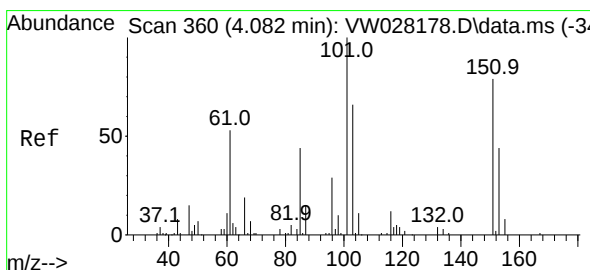
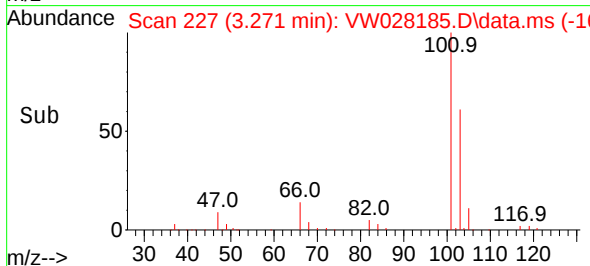
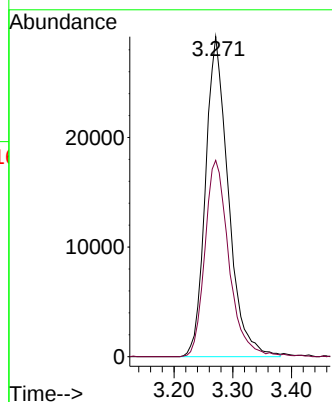
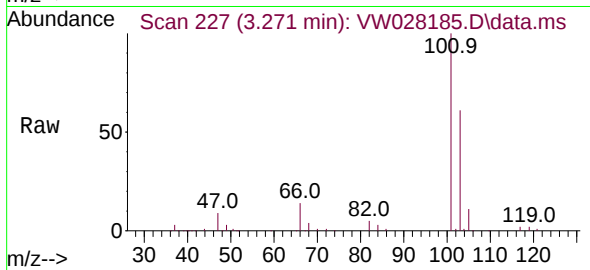




#9
 Trichlorofluoromethane
 Concen: 28.361 ug/L
 RT: 3.271 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028185.D
 Acq: 14 Mar 2024 17:51

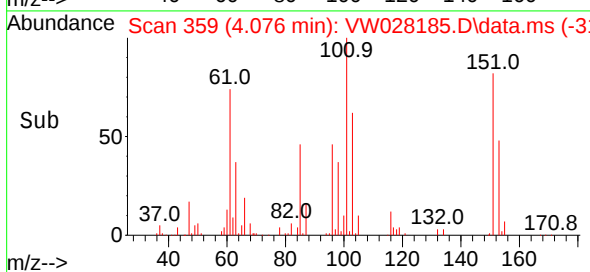
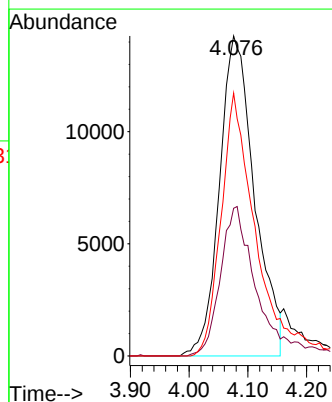
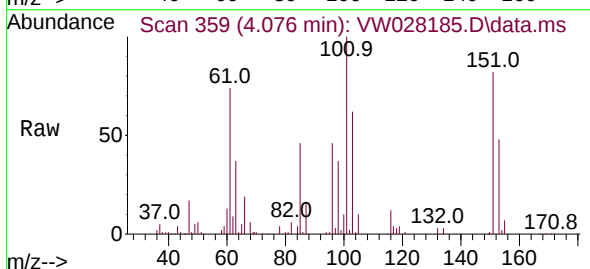
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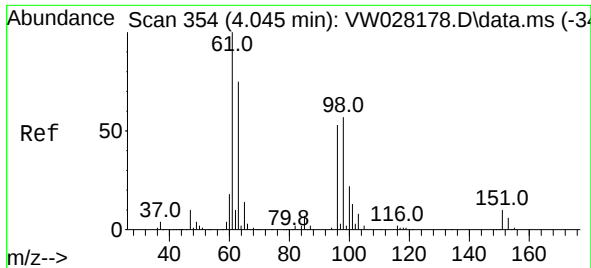
Tgt Ion:101 Resp: 78954
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.9 76.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.372 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW028185.D
 Acq: 14 Mar 2024 17:51

Tgt Ion:101 Resp: 59105
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.4 54.6
 151 77.6 58.4 87.6





#12

1,1-Dichloroethene

Concen: 24.071 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

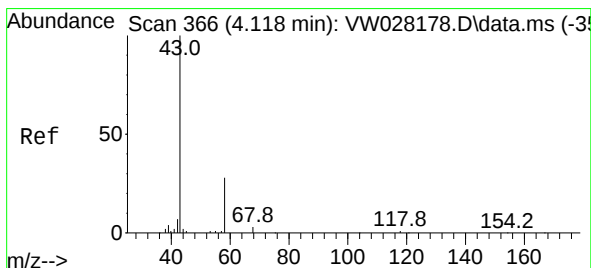
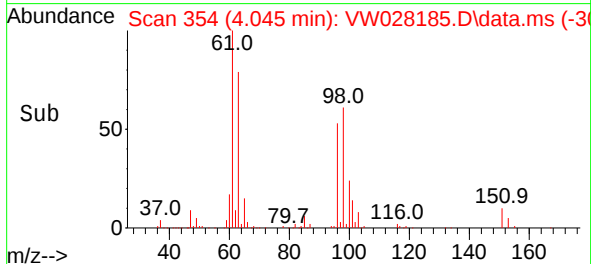
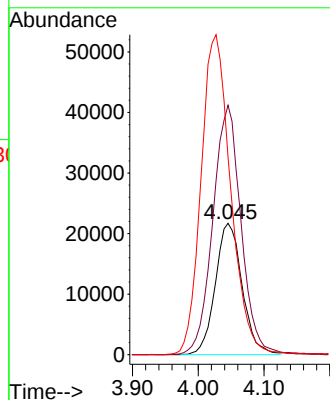
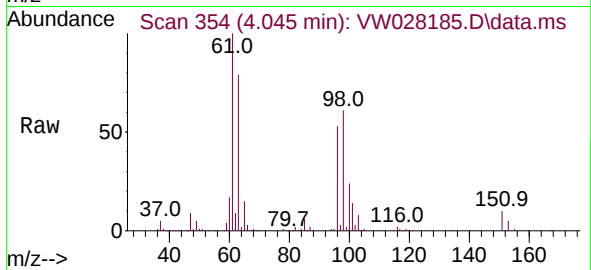
Tgt Ion: 96 Resp: 61539

Ion Ratio Lower Upper

96 100

61 190.0 132.2 245.4

63 150.5 104.6 194.2



#13

Acetone

Concen: 63.070 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW028185.D

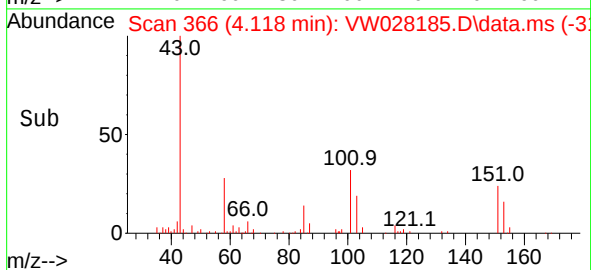
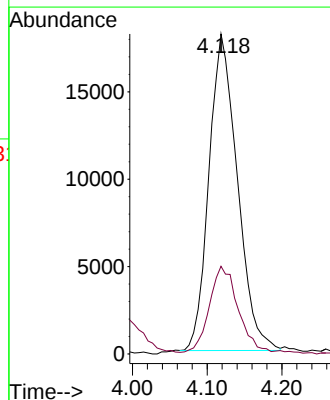
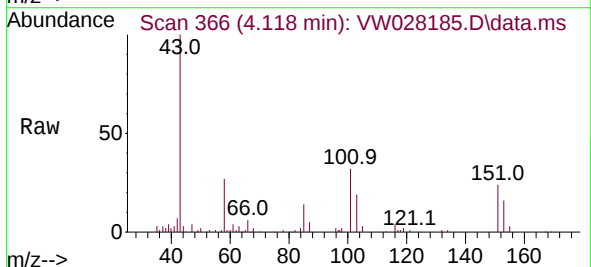
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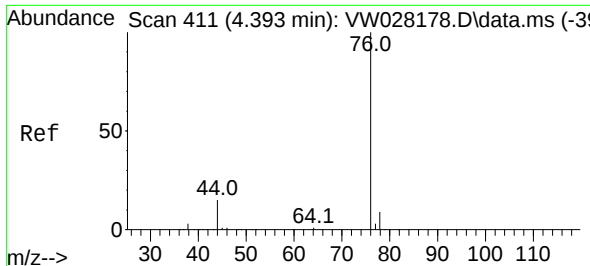
Tgt Ion: 43 Resp: 47845

Ion Ratio Lower Upper

43 100

58 28.2 0.0 57.8

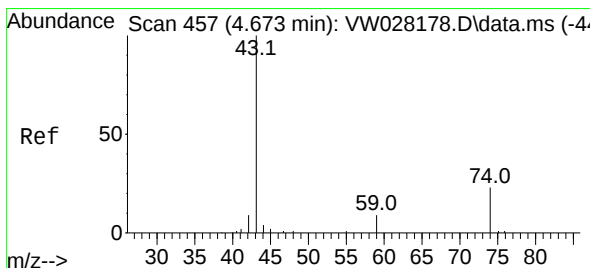
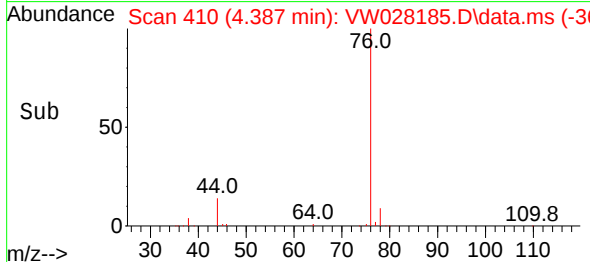
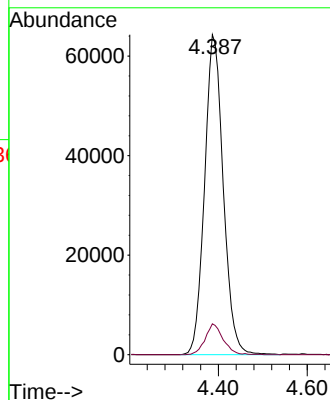
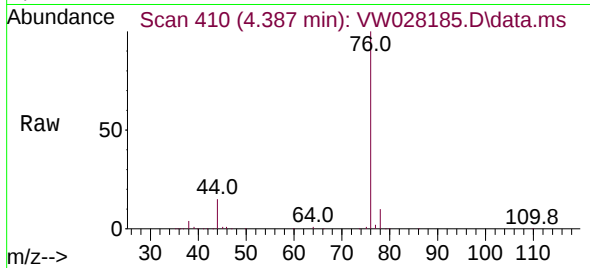




#14
Carbon disulfide
Concen: 23.587 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

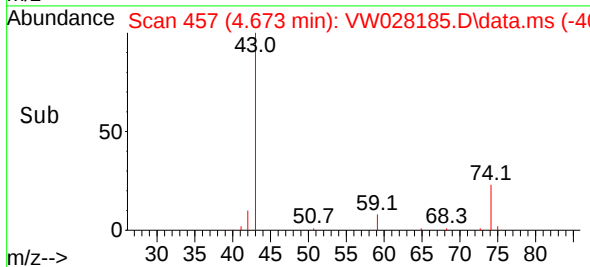
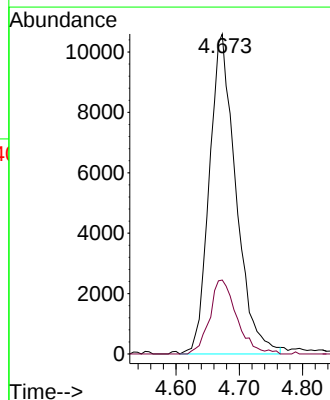
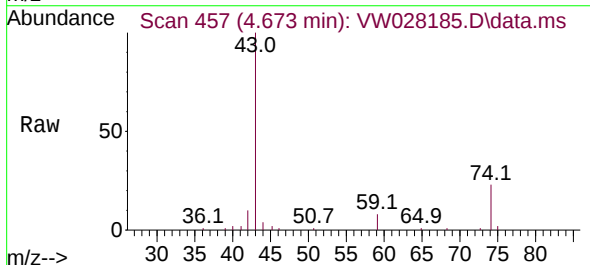
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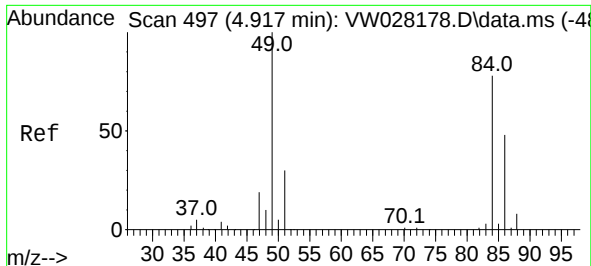
Tgt Ion: 76 Resp: 188083
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#15
Methyl Acetate
Concen: 26.515 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028185.D
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Tgt Ion: 43 Resp: 30983
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.2

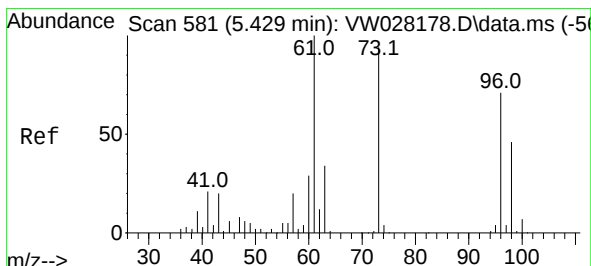
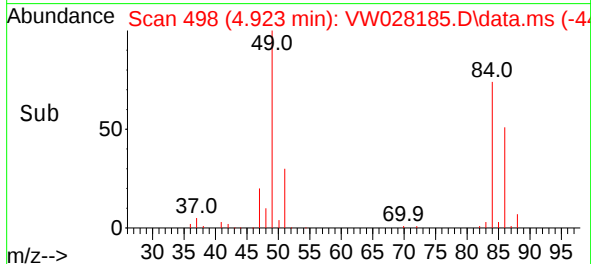
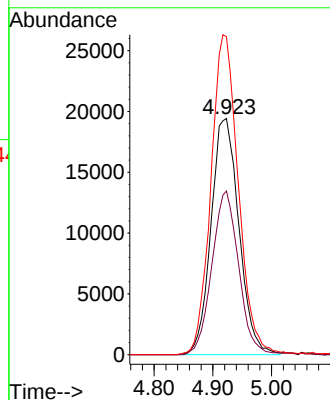
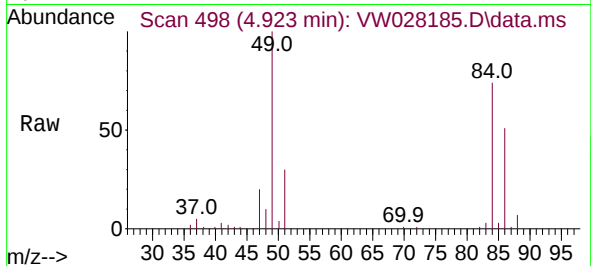




#16
Methylene chloride
Concen: 21.274 ug/L
RT: 4.923 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

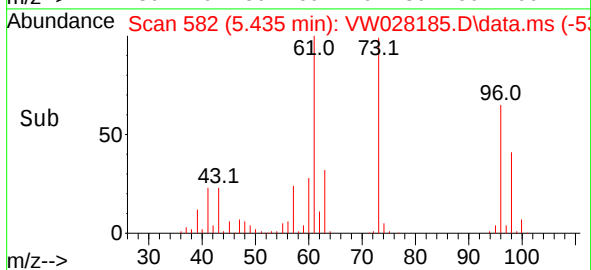
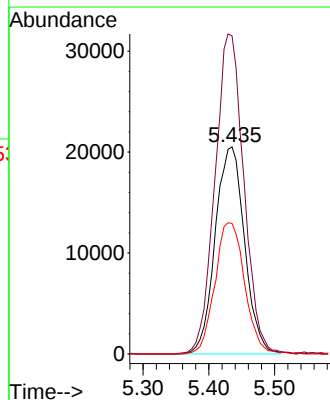
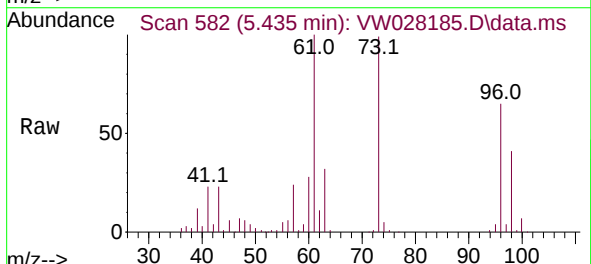
Instrument :
MSVOA_W
ClientSampleId :

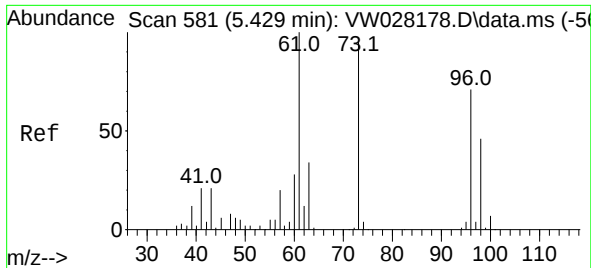
Tgt Ion: 84 Resp: 64105
Ion Ratio Lower Upper
84 100
86 69.3 43.1 80.1
49 134.6 89.4 166.0



#17
trans-1,2-Dichloroethene
Concen: 23.422 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

Tgt Ion: 96 Resp: 63637
Ion Ratio Lower Upper
96 100
61 153.6 98.4 182.8
98 63.1 45.6 84.8

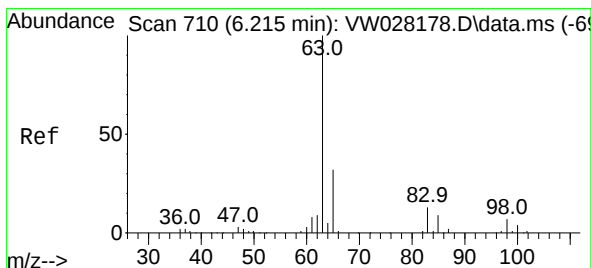
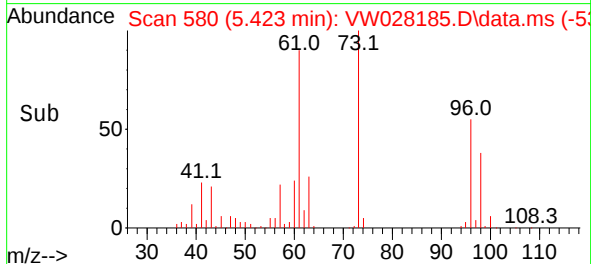
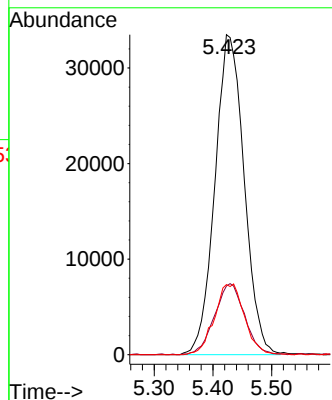
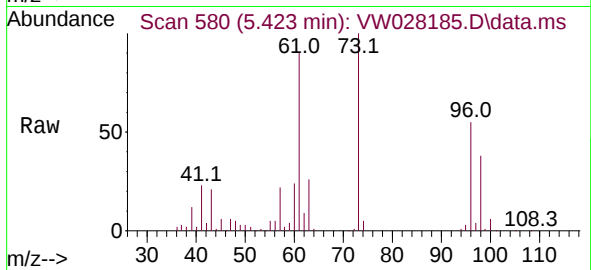




#18
Methyl tert-butyl Ether
Concen: 28.189 ug/L
RT: 5.423 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

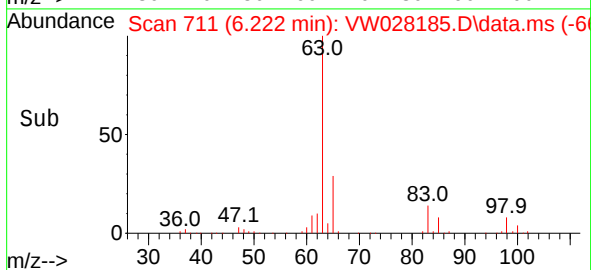
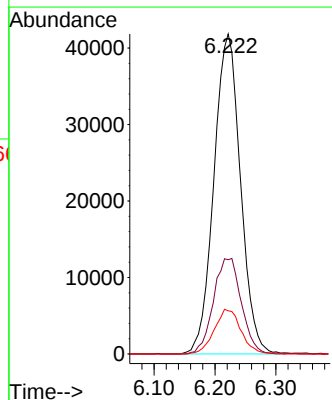
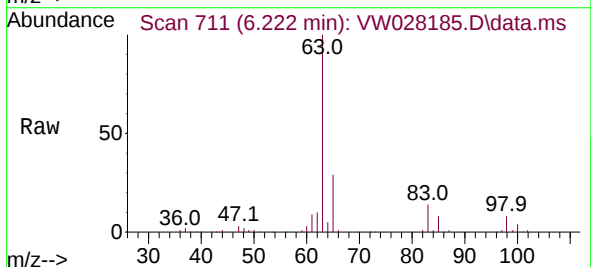
Instrument :
MSVOA_W
ClientSampleId :

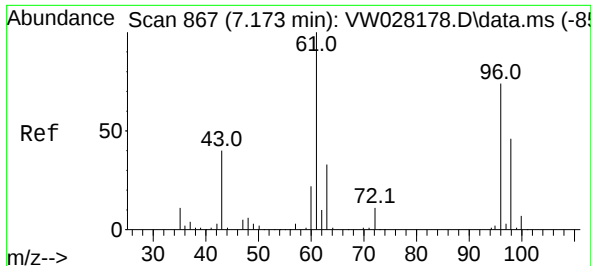
Tgt Ion: 73 Resp: 115551
Ion Ratio Lower Upper
73 100
43 22.8 18.2 27.4
57 12.7 17.4 26.2#



#19
1,1-Dichloroethane
Concen: 24.125 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

Tgt Ion: 63 Resp: 126897
Ion Ratio Lower Upper
63 100
65 29.5 22.1 41.1
83 13.5 9.0 16.6





#20

cis-1,2-Dichloroethene

Concen: 24.287 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

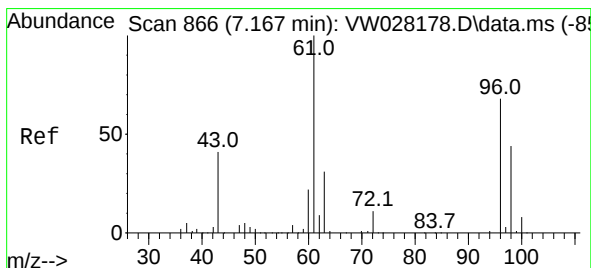
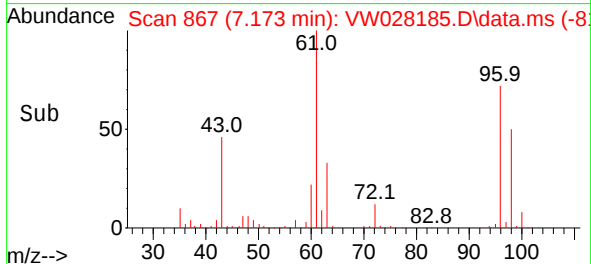
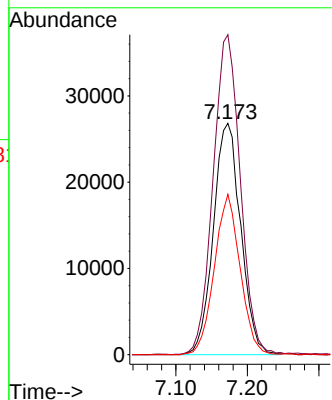
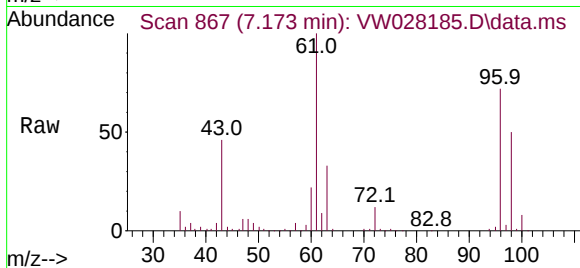
Tgt Ion: 96 Resp: 71265

Ion Ratio Lower Upper

96 100

61 138.3 95.7 177.7

98 69.3 43.9 81.5



#22

2-Butanone

Concen: 58.744 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028185.D

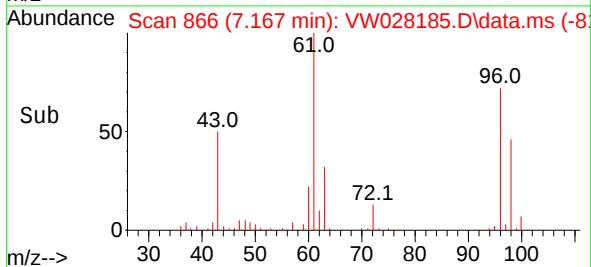
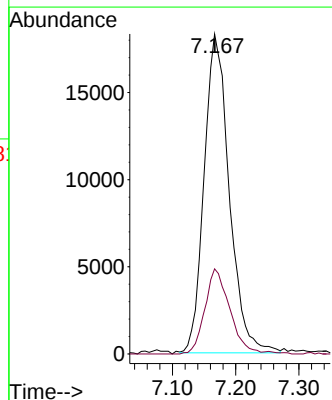
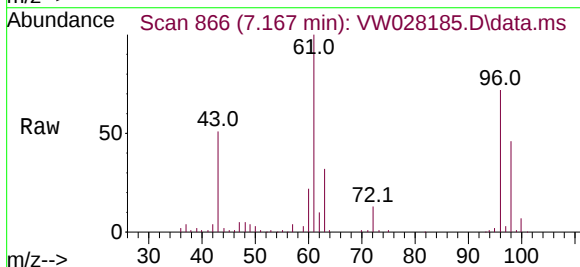
Acq: 14 Mar 2024 17:51

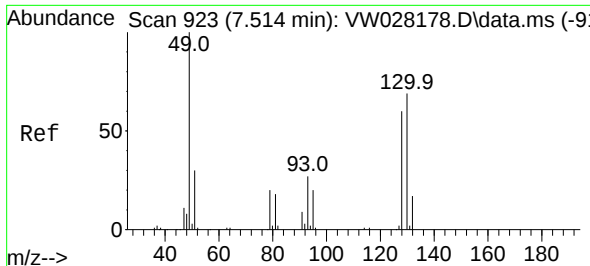
Tgt Ion: 43 Resp: 50596

Ion Ratio Lower Upper

43 100

72 26.2 12.8 38.4

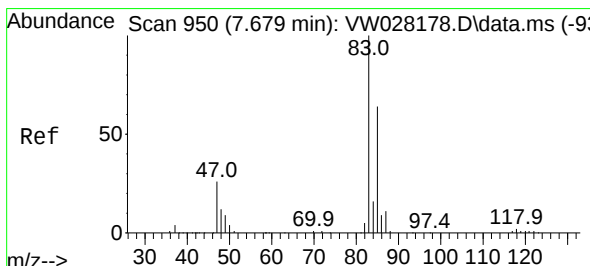
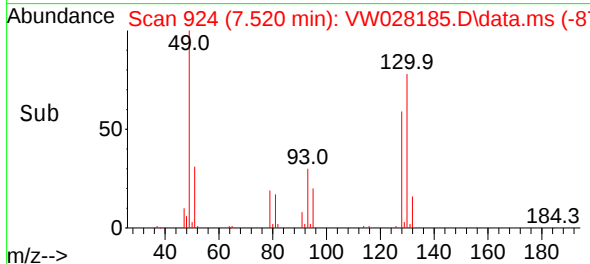
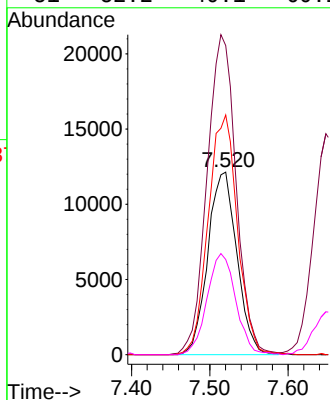
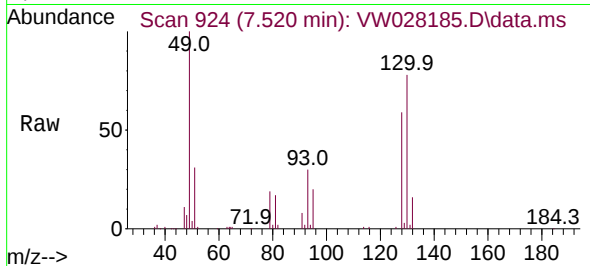




#23
Bromochloromethane
Concen: 24.183 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

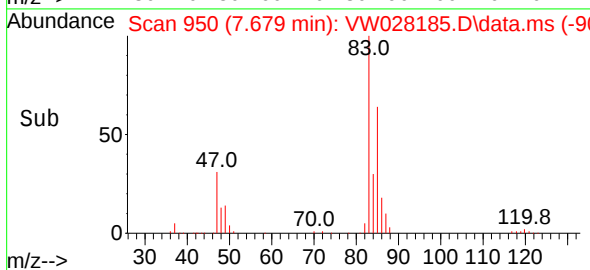
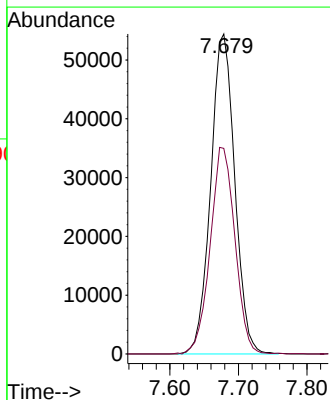
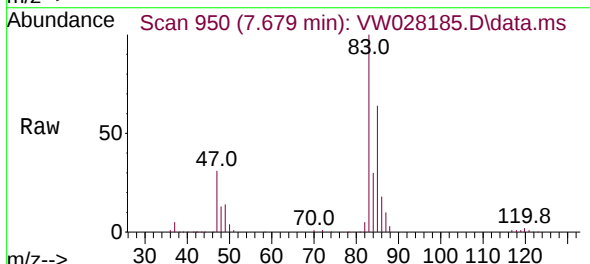
Instrument :
MSVOA_W
ClientSampleId :

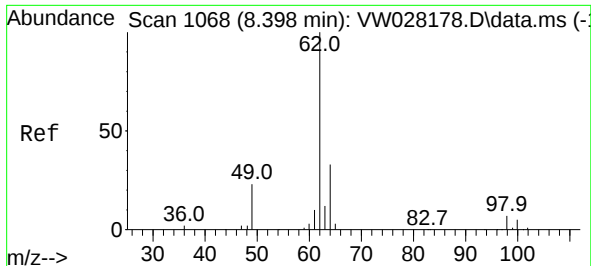
Tgt Ion:	128	Resp:	31371
Ion	Ratio	Lower	Upper
128	100		
49	169.4	116.6	216.6
130	131.3	80.1	148.7
51	52.2	40.1	60.1



#25
Chloroform
Concen: 24.510 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

Tgt Ion:	83	Resp:	132723
Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.5	82.7





#27

1,2-Dichloroethane

Concen: 25.166 ug/L

RT: 8.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

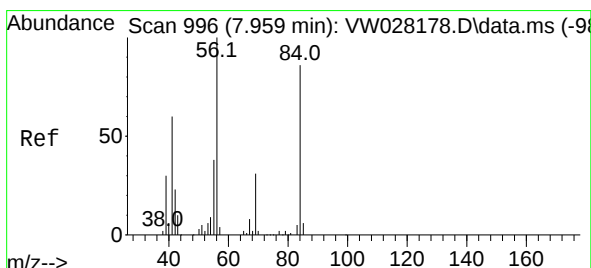
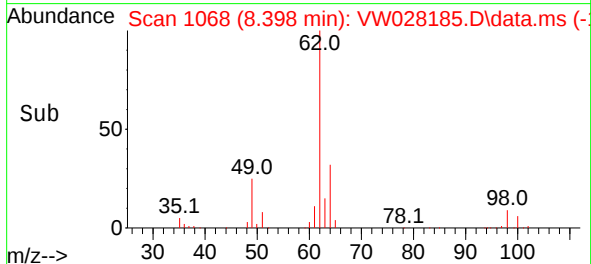
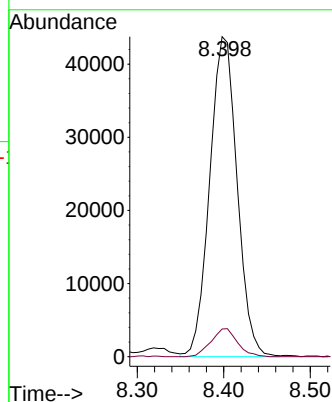
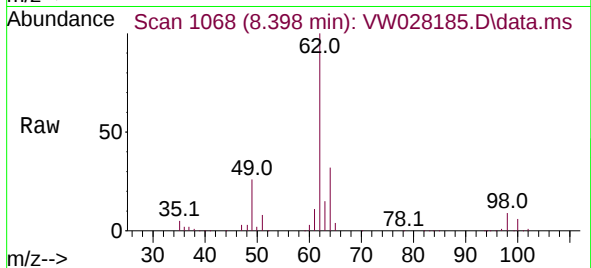
ClientSampleId :

Tgt Ion: 62 Resp: 96236

Ion Ratio Lower Upper

62 100

98 8.7 5.9 8.9



#29

Cyclohexane

Concen: 23.045 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

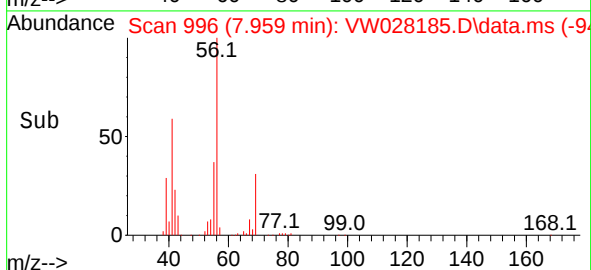
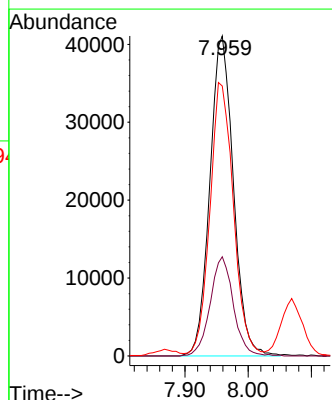
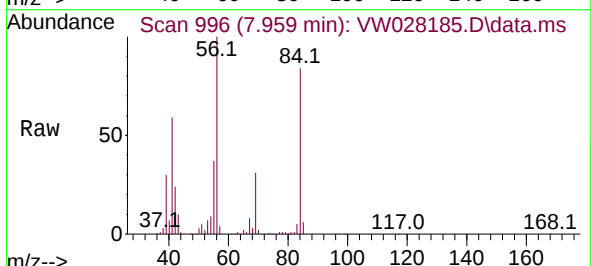
Tgt Ion: 56 Resp: 106056

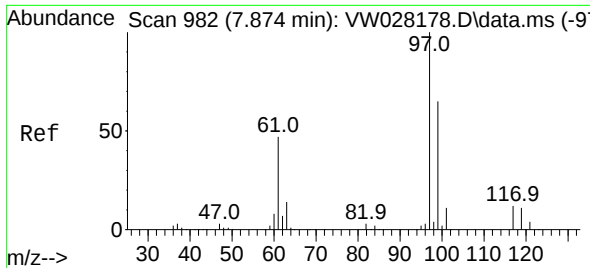
Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

84 85.7 68.4 102.6





#30

1,1,1-Trichloroethane

Concen: 25.336 ug/L

RT: 7.874 min Scan# 9

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

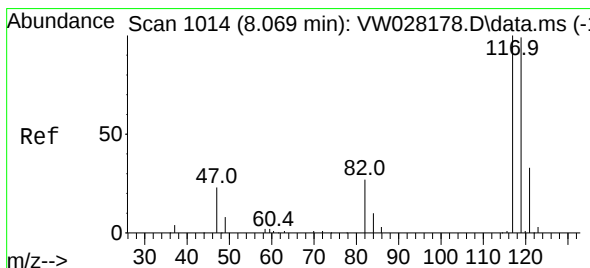
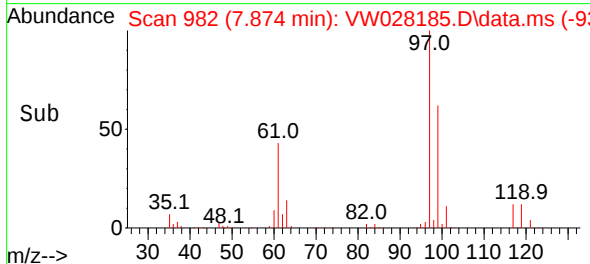
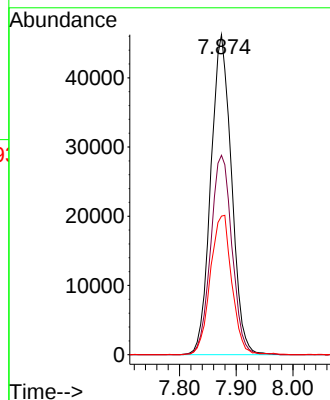
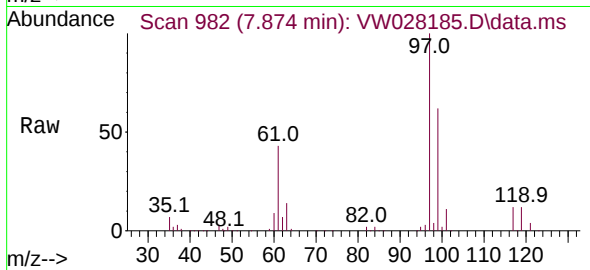
Tgt Ion: 97 Resp: 117181

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 45.2 37.0 55.6



#31

Carbon tetrachloride

Concen: 23.755 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028185.D

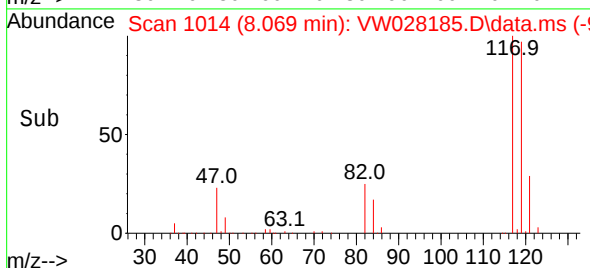
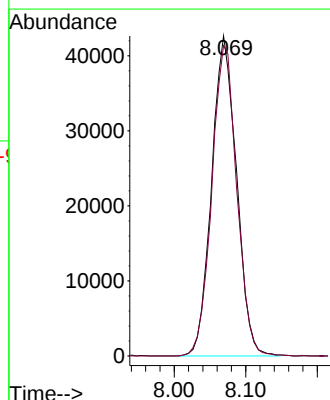
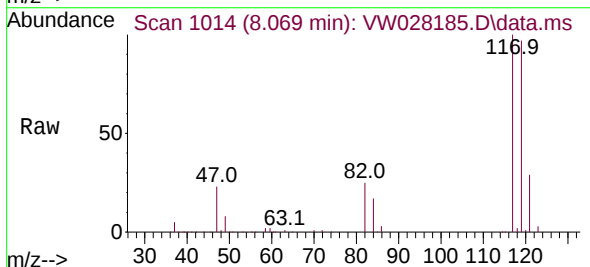
Acq: 14 Mar 2024 17:51

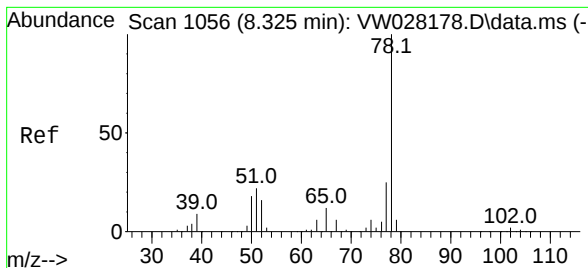
Tgt Ion: 117 Resp: 103058

Ion Ratio Lower Upper

117 100

119 97.4 78.2 117.4





#33

Benzene

Concen: 24.849 ug/L

RT: 8.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028185.D

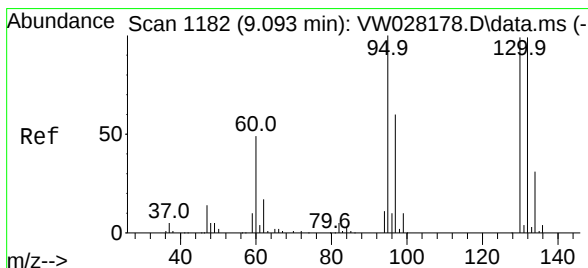
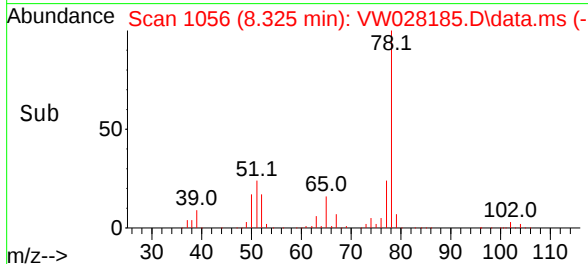
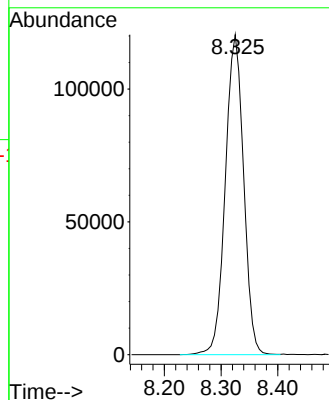
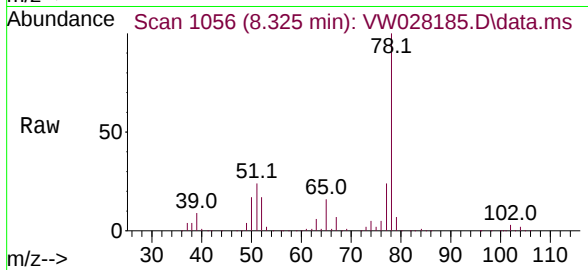
Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 269796



#34

Trichloroethene

Concen: 24.437 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Tgt Ion: 95 Resp: 74023

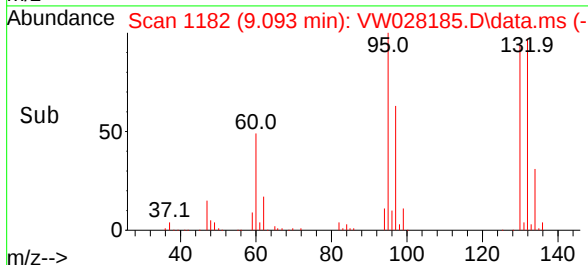
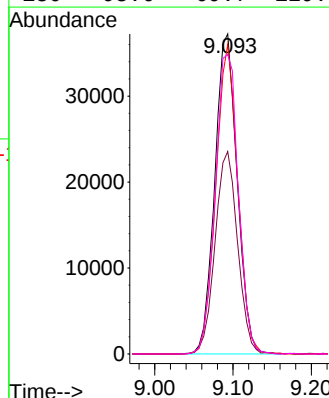
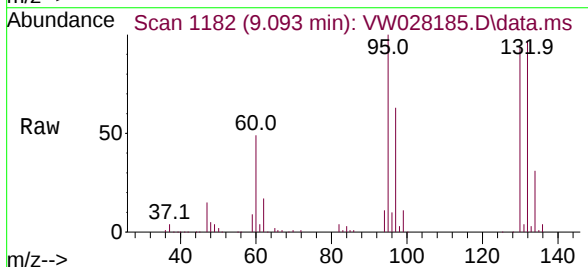
Ion Ratio Lower Upper

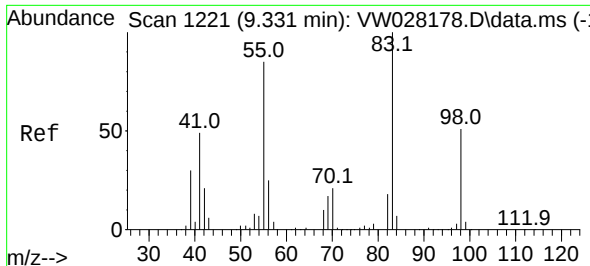
95 100

97 63.3 42.4 78.6

132 96.7 69.4 128.8

130 93.6 69.7 129.4





#35

Methylcyclohexane

Concen: 18.704 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

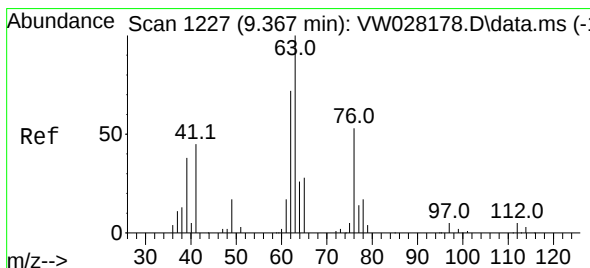
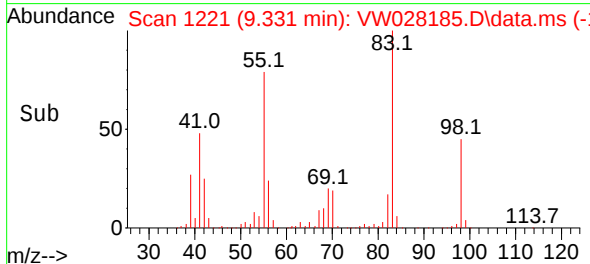
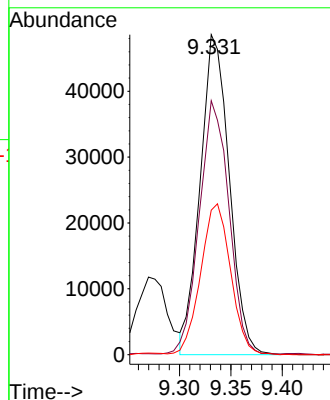
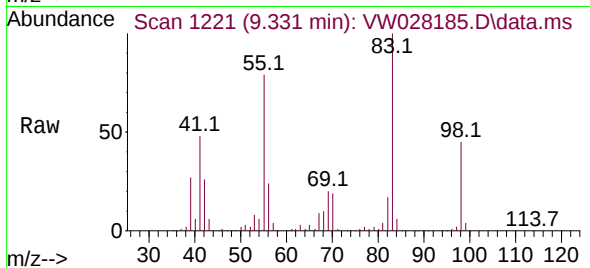
Tgt Ion: 83 Resp: 95769

Ion Ratio Lower Upper

83 100

55 81.1 64.2 96.4

98 48.6 38.3 57.5



#37

1,2-Dichloropropane

Concen: 25.056 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028185.D

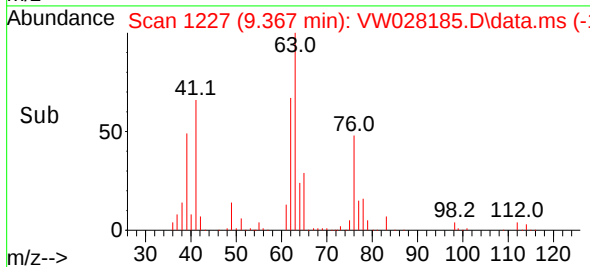
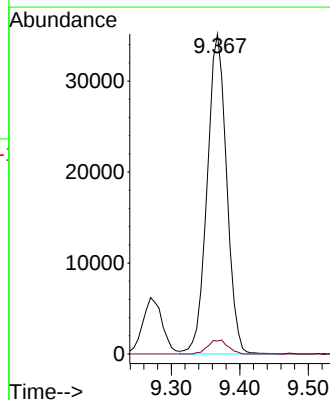
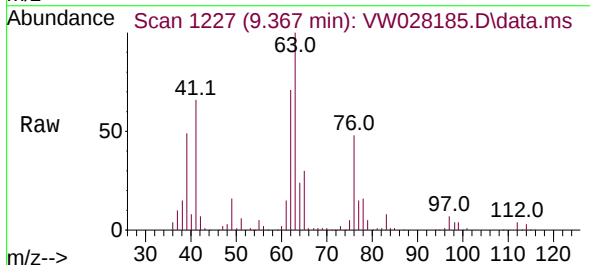
Acq: 14 Mar 2024 17:51

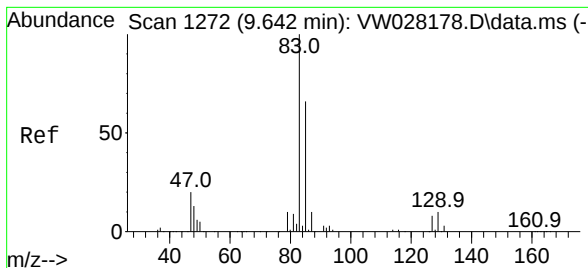
Tgt Ion: 63 Resp: 69582

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8





#38

Bromodichloromethane

Concen: 25.574 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028185.D

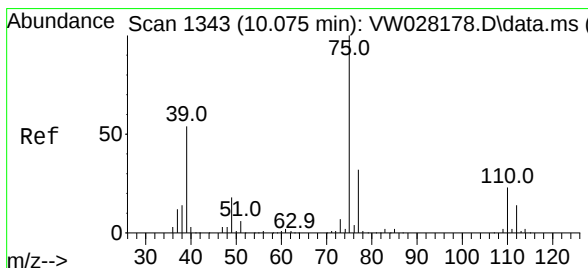
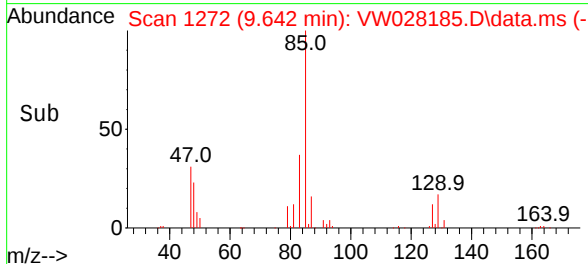
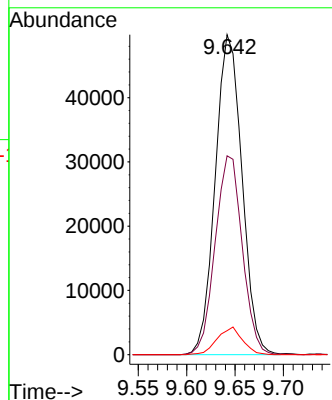
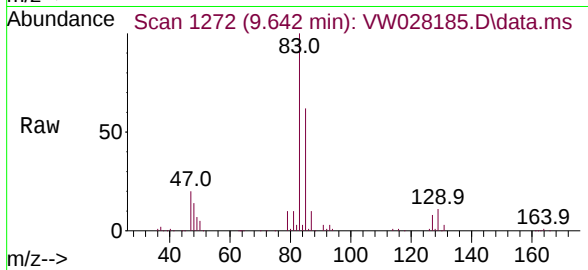
Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 95753
Ion Ratio	Lower Upper
83 100	
85 62.2	45.8 85.2
127 7.5	6.5 9.7



#39

cis-1,3-Dichloropropene

Concen: 26.137 ug/L

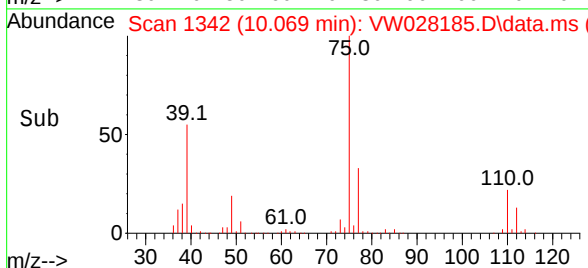
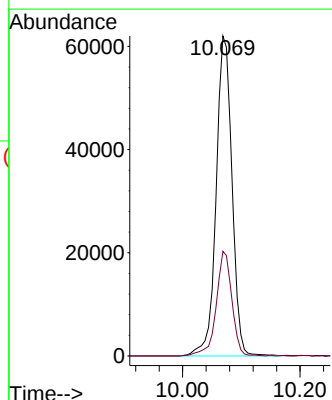
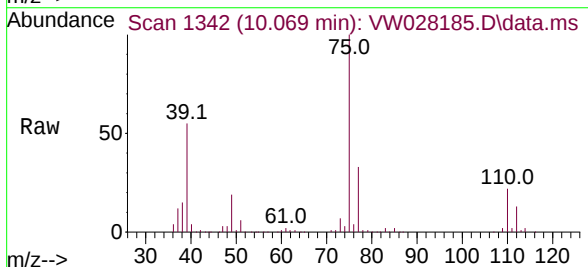
RT: 10.069 min Scan# 1342

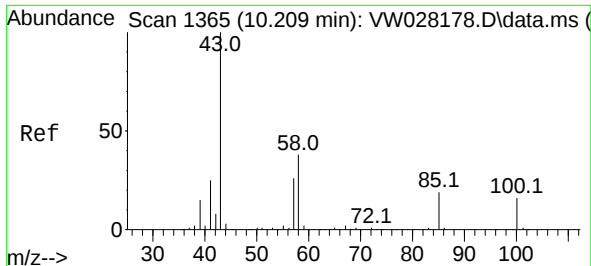
Delta R.T. -0.006 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Tgt Ion: 75	Resp: 116243
Ion Ratio	Lower Upper
75 100	
77 32.7	22.5 41.7





#40

4-Methyl-2-pentanone

Concen: 59.884 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

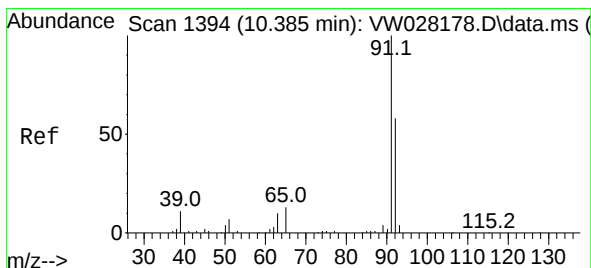
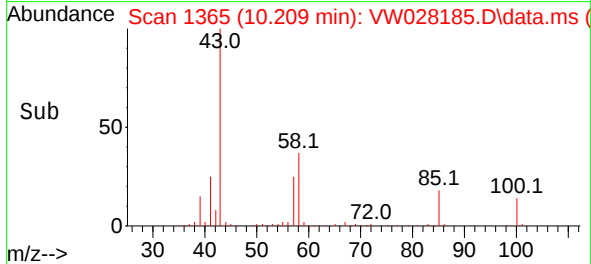
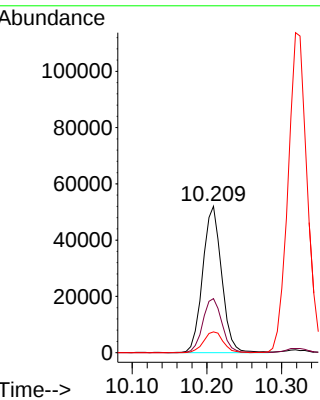
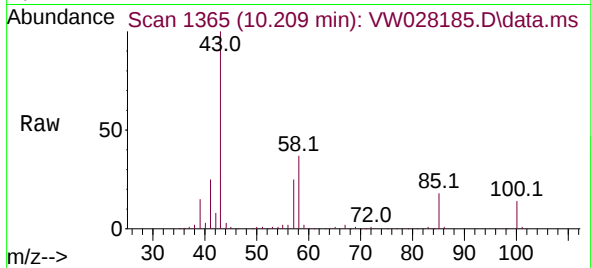
Tgt Ion: 43 Resp: 91797

Ion Ratio Lower Upper

43 100

58 37.3 30.1 45.1

100 14.8 11.8 17.8



#42

Toluene

Concen: 24.349 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028185.D

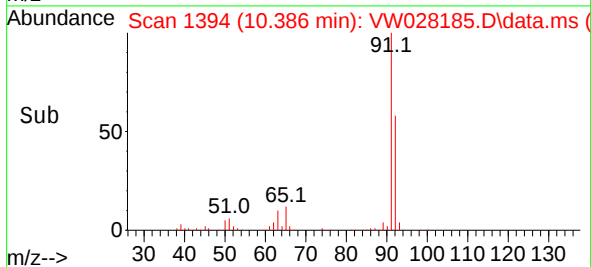
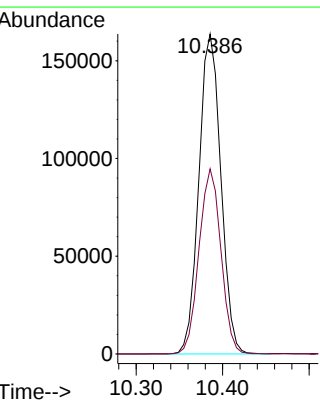
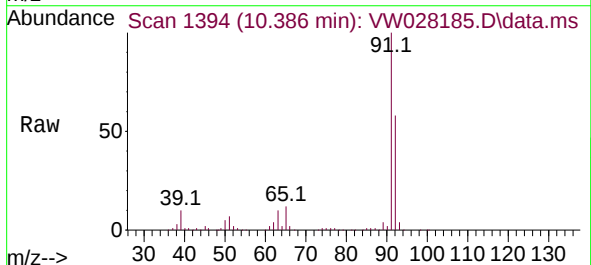
Acq: 14 Mar 2024 17:51

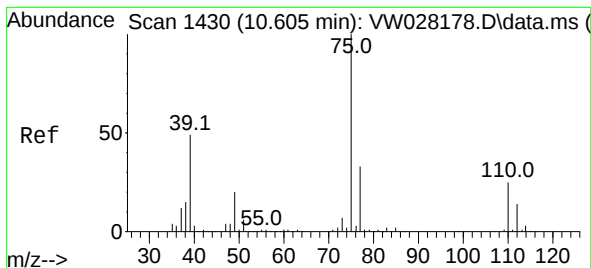
Tgt Ion: 91 Resp: 288531

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 26.685 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

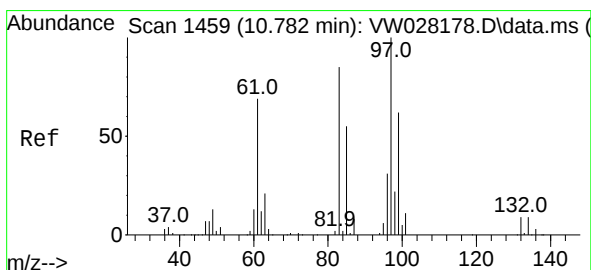
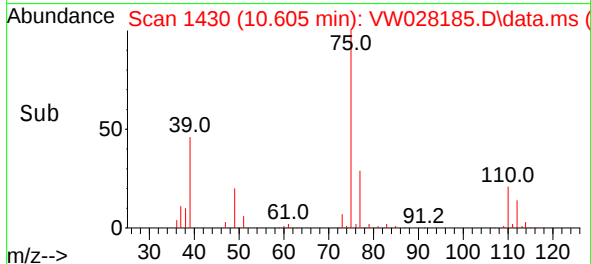
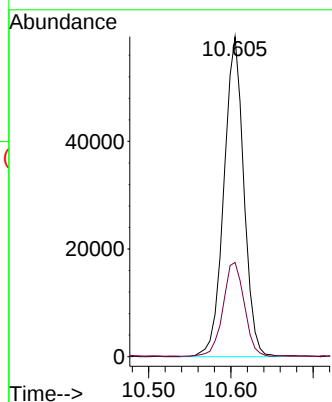
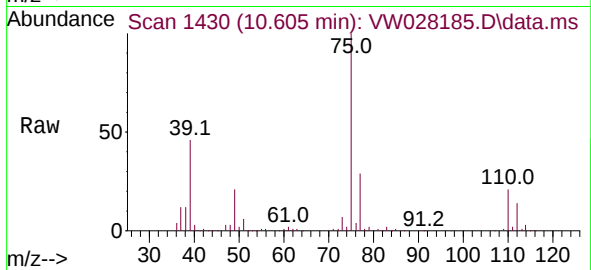
ClientSampleId :

Tgt Ion: 75 Resp: 100201

Ion Ratio Lower Upper

75 100

77 29.4 23.0 42.6



#45

1,1,2-Trichloroethane

Concen: 25.621 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Tgt Ion: 97 Resp: 51408

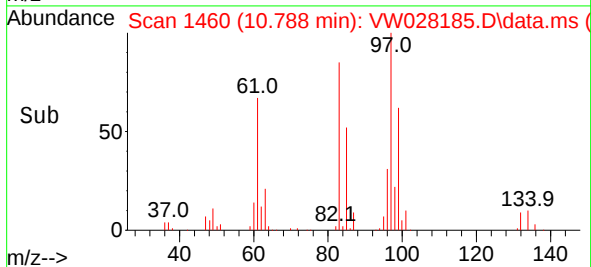
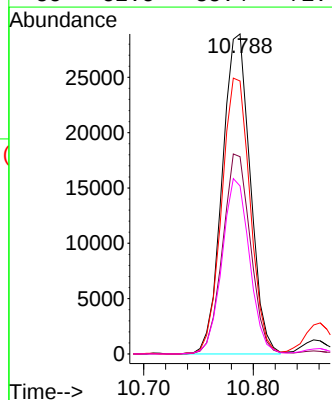
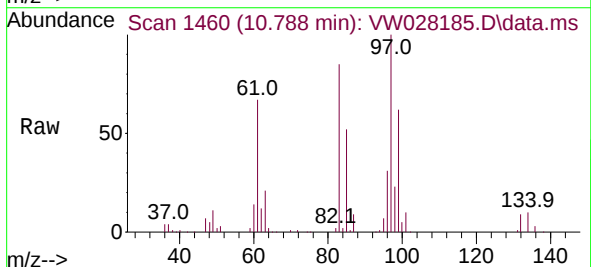
Ion Ratio Lower Upper

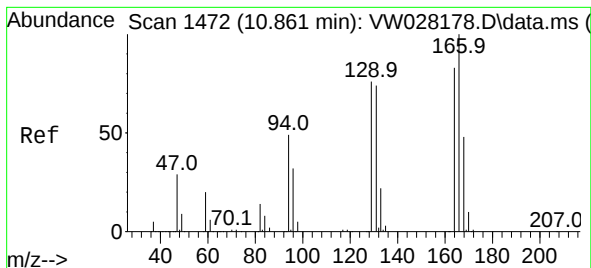
97 100

99 61.6 43.4 80.6

83 85.3 59.4 110.4

85 52.5 38.4 71.4





#46

Tetrachloroethene

Concen: 91.225 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

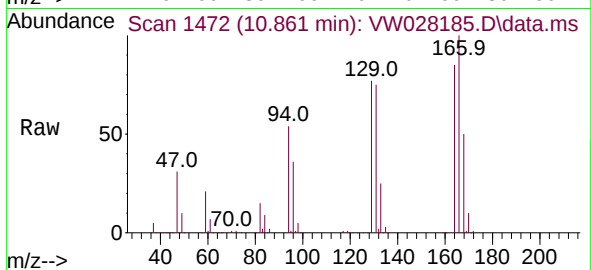
Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 222746

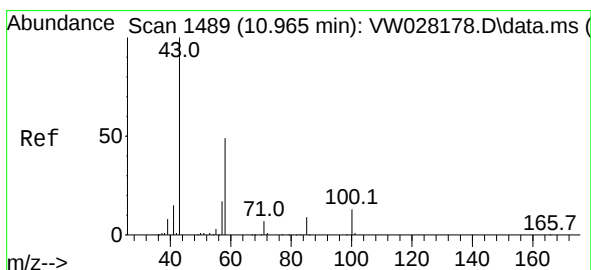
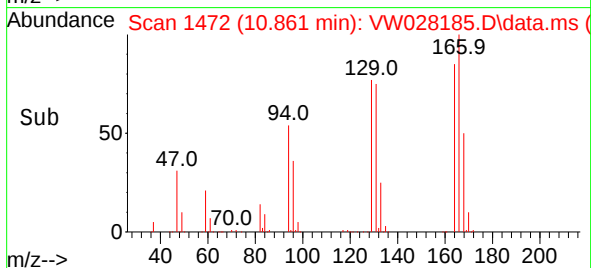
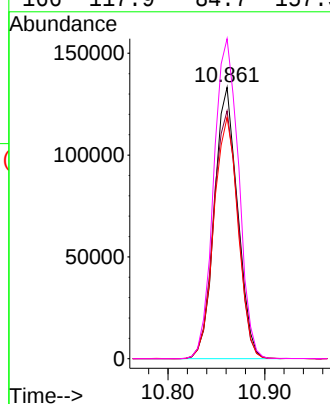
Ion Ratio Lower Upper

164 100

129 91.3 64.0 119.0

131 88.9 62.6 116.3

166 117.9 84.7 157.3



#48

2-Hexanone

Concen: 61.618 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Tgt Ion: 43 Resp: 73990

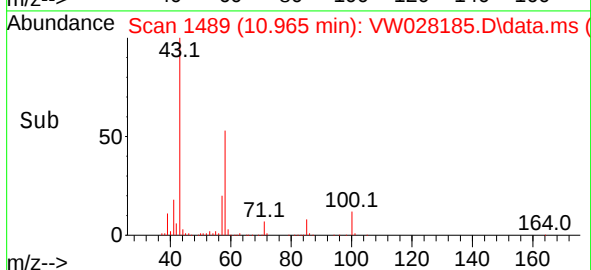
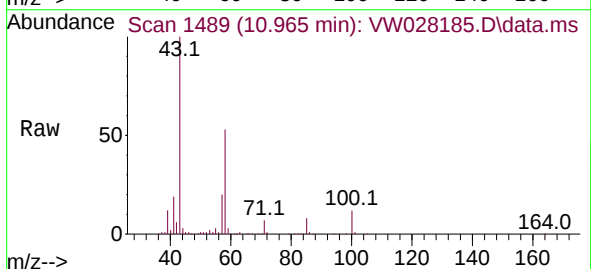
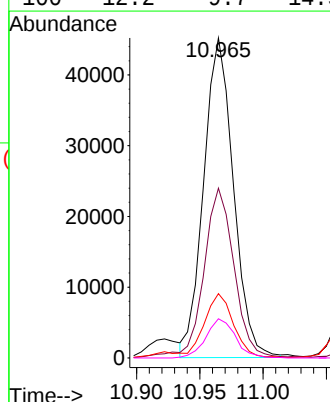
Ion Ratio Lower Upper

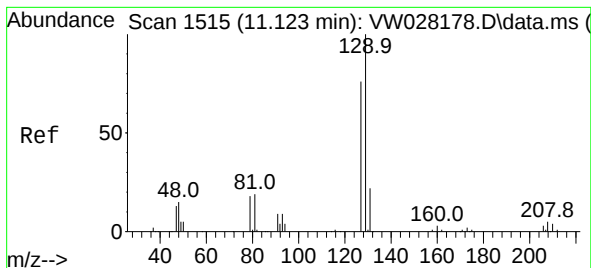
43 100

58 54.2 40.6 61.0

57 19.5 15.7 23.5

100 12.2 9.7 14.5





#49

Dibromochloromethane

Concen: 25.703 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

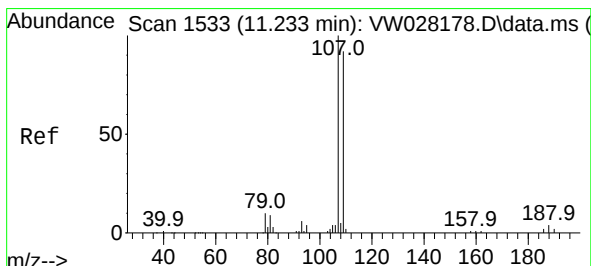
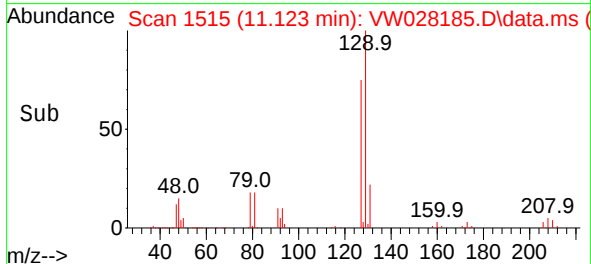
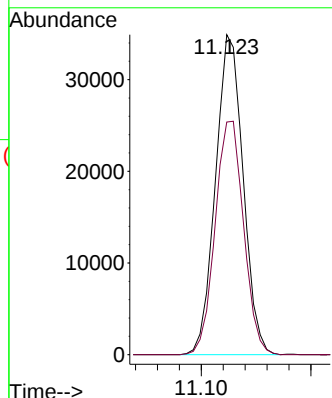
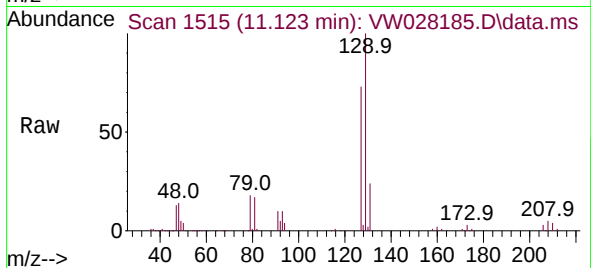
ClientSampleId :

Tgt Ion:129 Resp: 61078

Ion Ratio Lower Upper

129 100

127 72.7 53.1 98.7



#50

1,2-Dibromoethane

Concen: 25.698 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

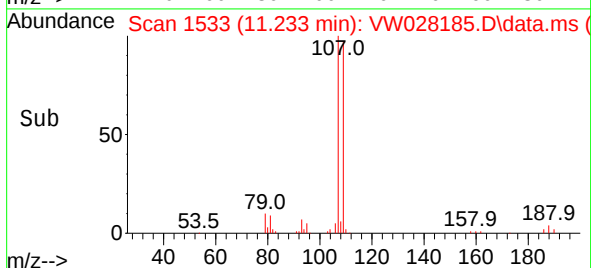
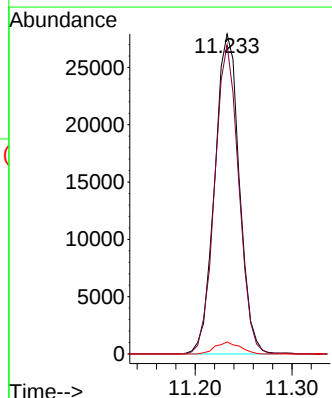
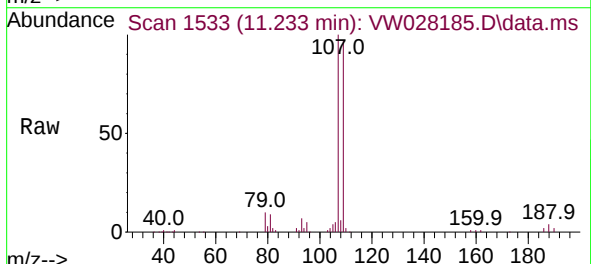
Tgt Ion:107 Resp: 49304

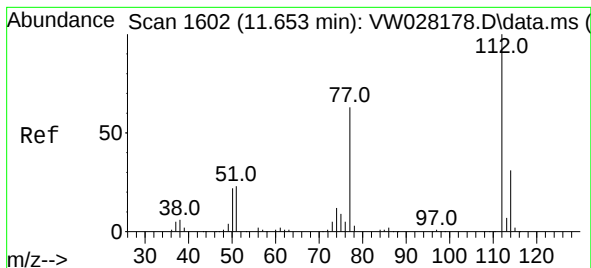
Ion Ratio Lower Upper

107 100

109 96.6 64.4 119.6

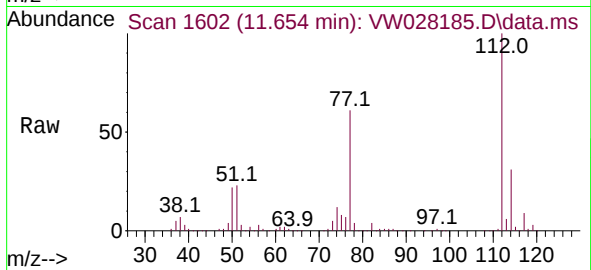
188 3.8 3.4 5.2



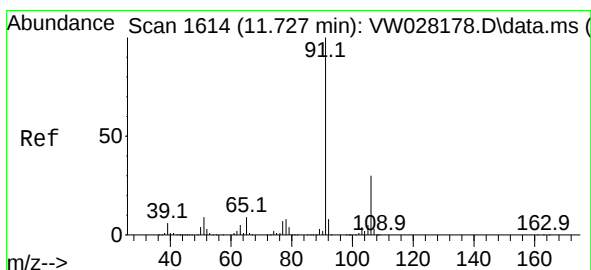
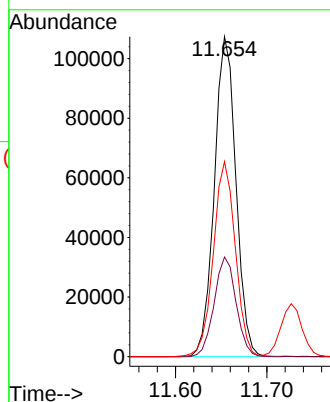
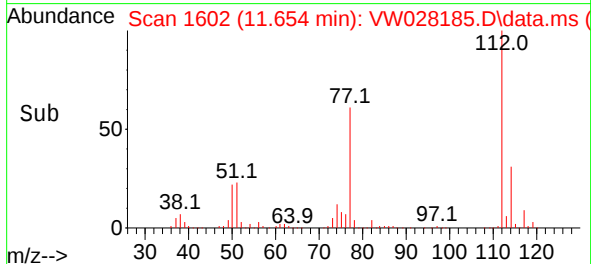


#51
Chlorobenzene
Concen: 23.447 ug/L
RT: 11.654 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

Instrument :
MSVOA_W
ClientSampleId :

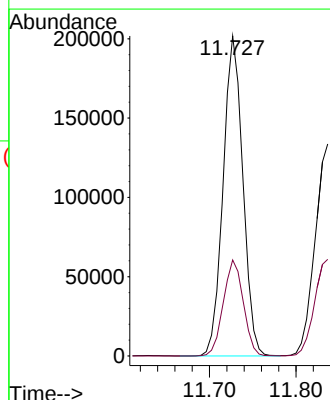
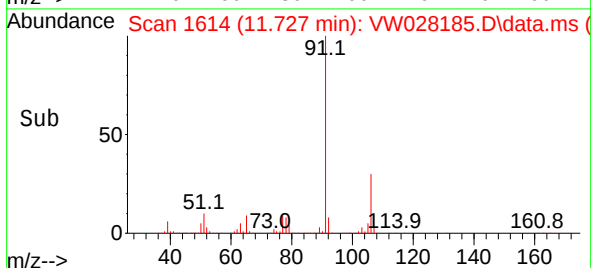
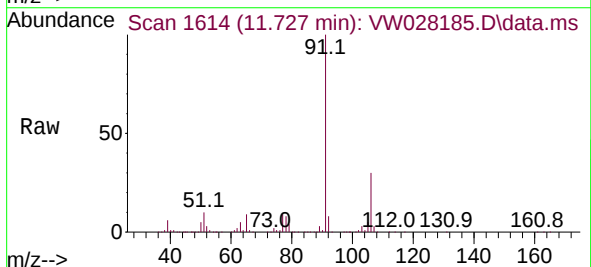


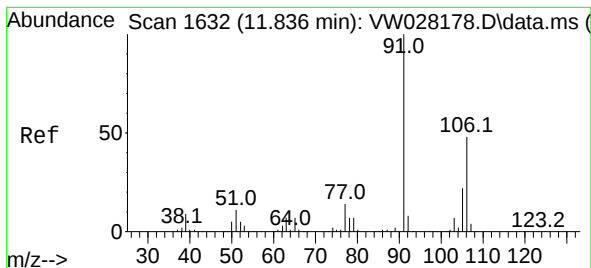
Tgt Ion:112 Resp: 176351
Ion Ratio Lower Upper
112 100
114 31.2 21.8 40.6
77 61.0 50.6 76.0



#52
Ethylbenzene
Concen: 23.090 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028185.D
Acq: 14 Mar 2024 17:51

Tgt Ion: 91 Resp: 319397
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5





#53

m,p-Xylene

Concen: 22.845 ug/L

RT: 11.836 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

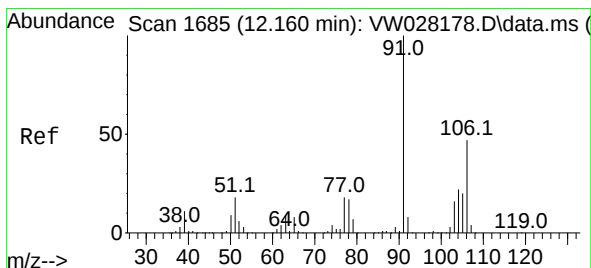
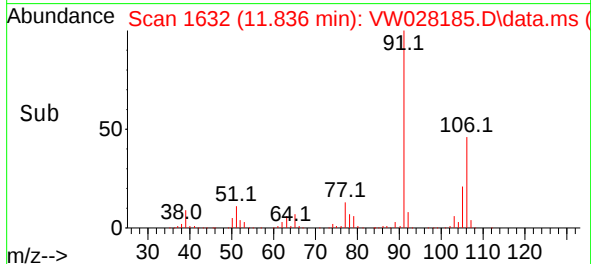
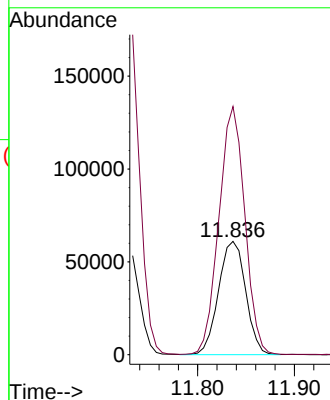
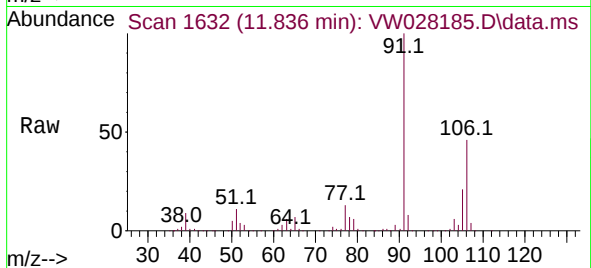
ClientSampleId :

Tgt Ion:106 Resp: 118917

Ion Ratio Lower Upper

106 100

91 219.3 147.1 273.1



#54

o-Xylene

Concen: 23.380 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW028185.D

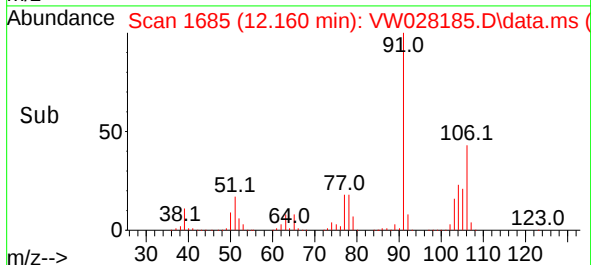
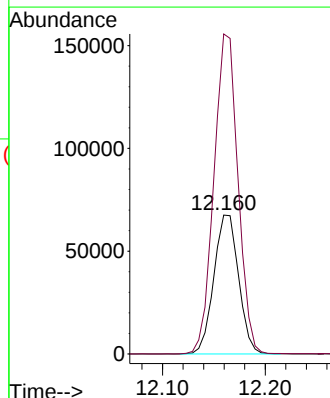
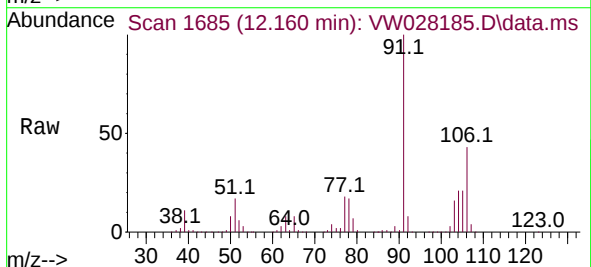
Acq: 14 Mar 2024 17:51

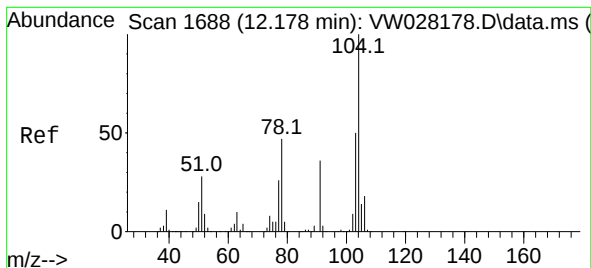
Tgt Ion:106 Resp: 112859

Ion Ratio Lower Upper

106 100

91 230.3 149.2 277.2





#55

Styrene

Concen: 23.335 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

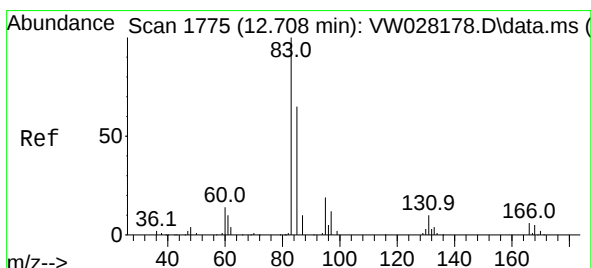
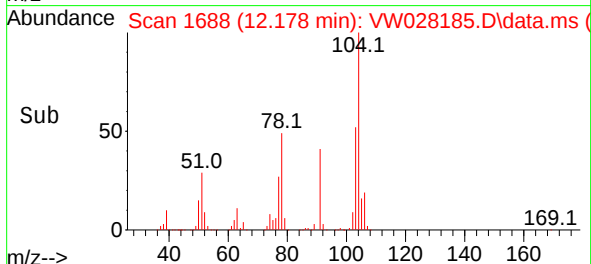
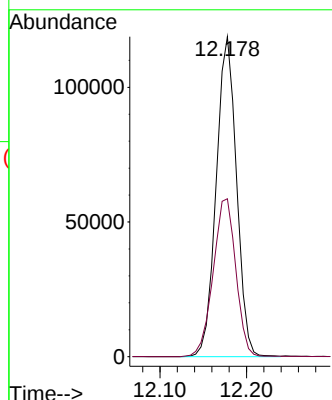
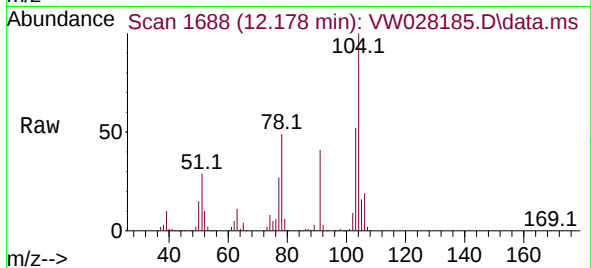
ClientSampleId :

Tgt Ion:104 Resp: 193487

Ion Ratio Lower Upper

104 100

78 49.4 33.2 61.7



#57

1,1,2,2-Tetrachloroethane

Concen: 25.576 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

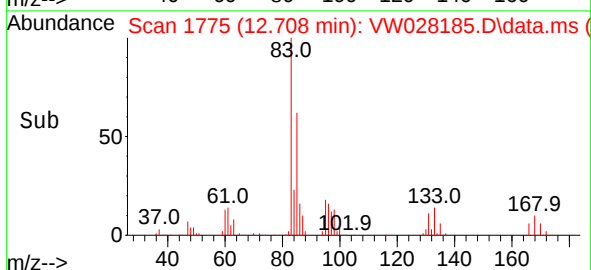
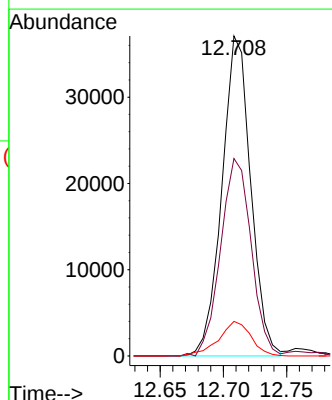
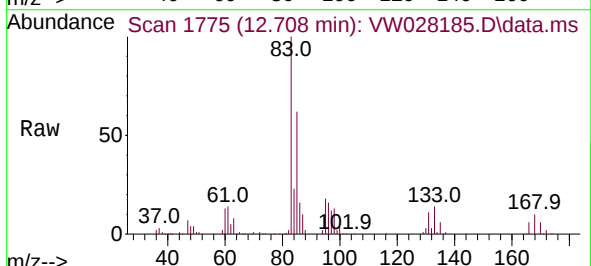
Tgt Ion: 83 Resp: 58698

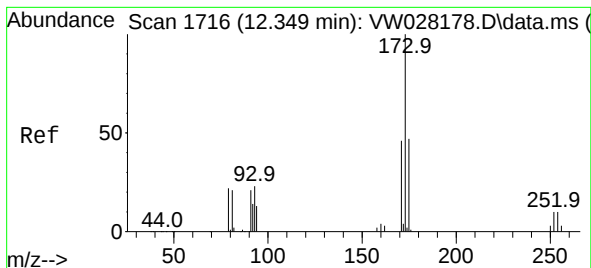
Ion Ratio Lower Upper

83 100

85 61.7 47.0 87.2

131 10.8 8.9 13.3





#59

Bromoform

Concen: 31.880 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028185.D

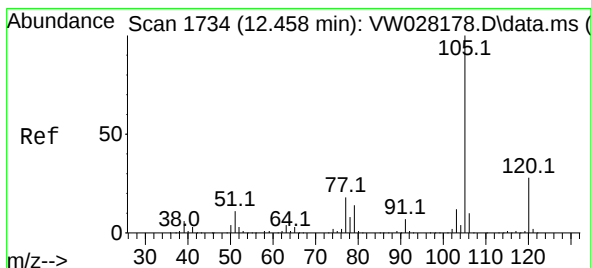
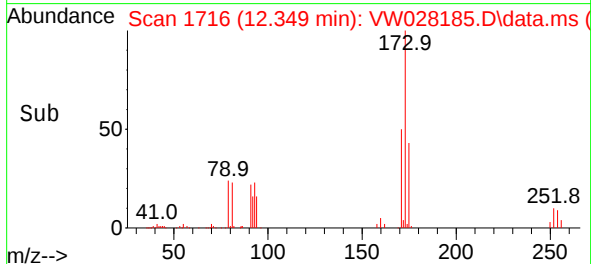
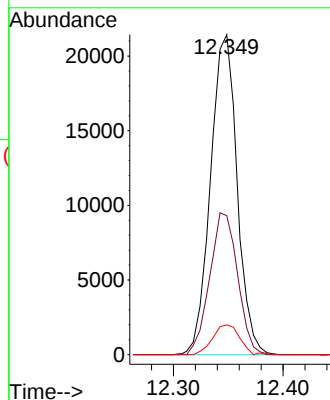
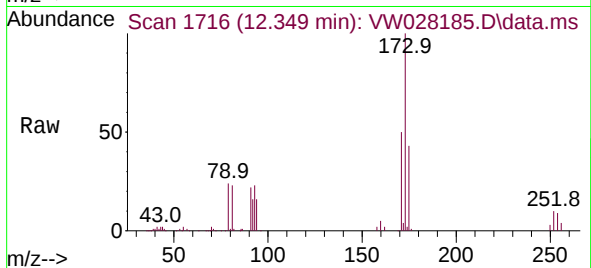
Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	36185
Ion Ratio	Lower	Upper	
173	100		
175	46.4	39.8	59.6
254	9.3	8.5	12.7



#60

Isopropylbenzene

Concen: 27.338 ug/L

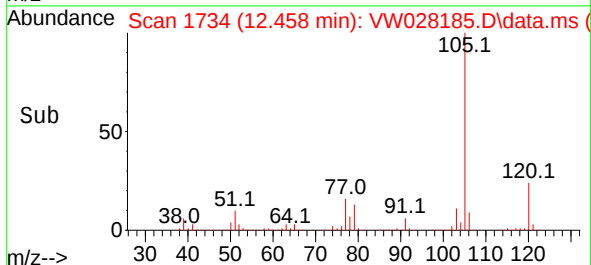
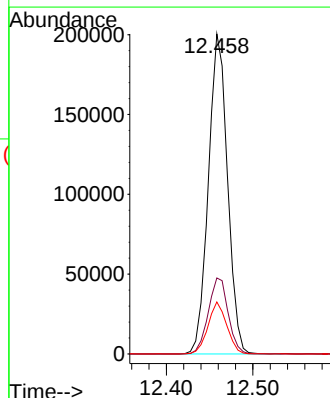
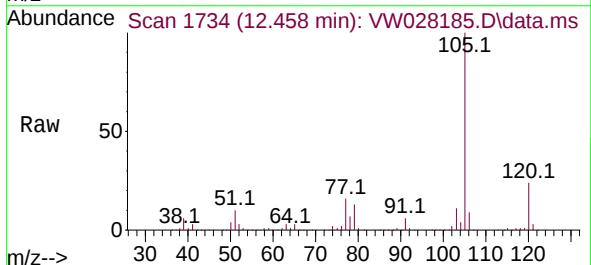
RT: 12.458 min Scan# 1734

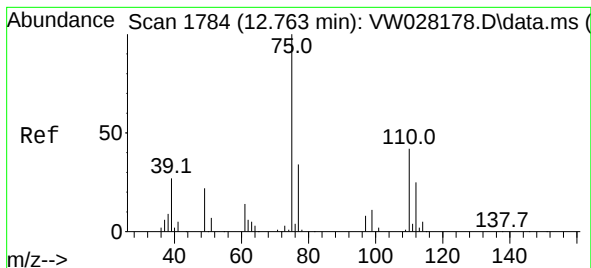
Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Tgt Ion:	105	Resp:	307668
Ion Ratio	Lower	Upper	
105	100		
120	24.7	21.0	31.6
77	15.9	13.7	20.5





#61

1,2,3-Trichloropropane

Concen: 31.738 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

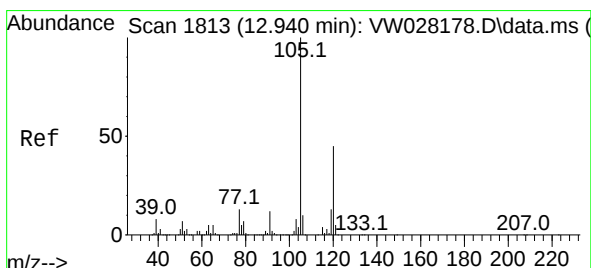
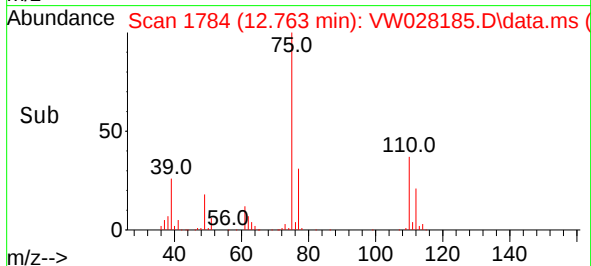
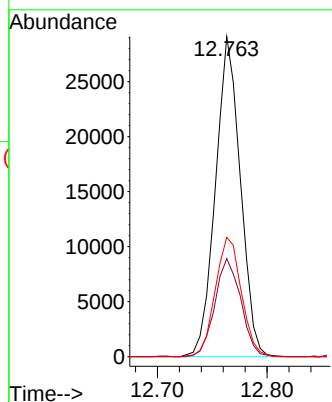
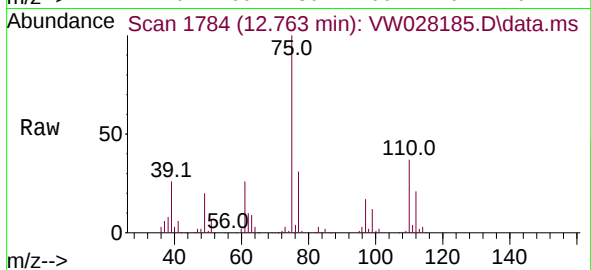
Tgt Ion: 75 Resp: 45882

Ion Ratio Lower Upper

75 100

77 32.1 26.0 39.0

110 39.1 32.2 48.2



#62

1,3,5-Trimethylbenzene

Concen: 24.684 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028185.D

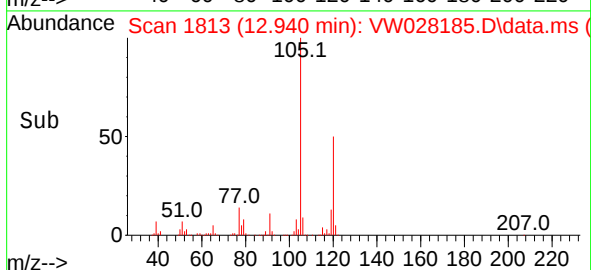
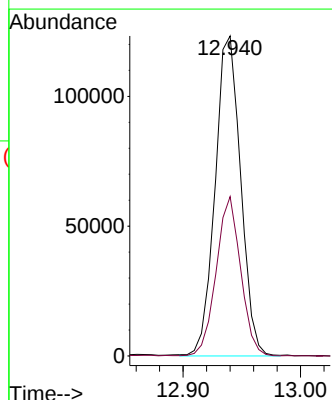
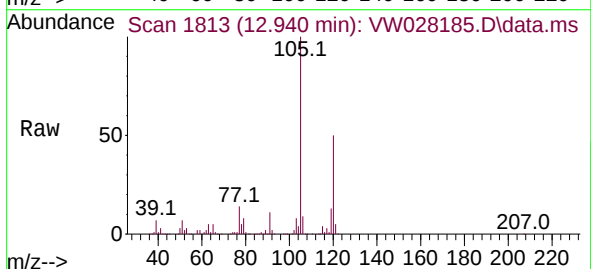
Acq: 14 Mar 2024 17:51

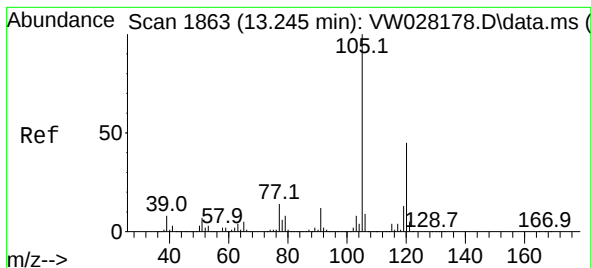
Tgt Ion:105 Resp: 186395

Ion Ratio Lower Upper

105 100

120 47.6 38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 25.137 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

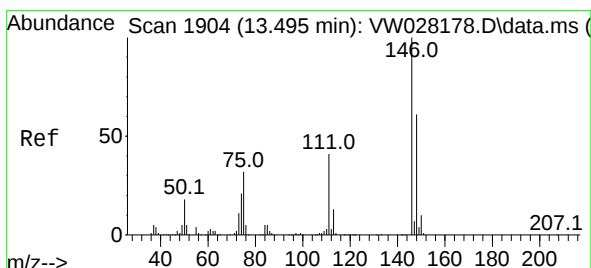
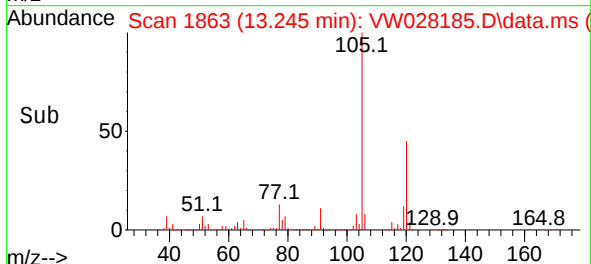
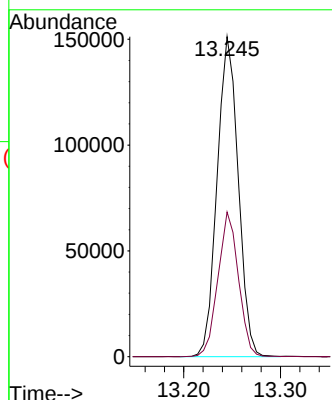
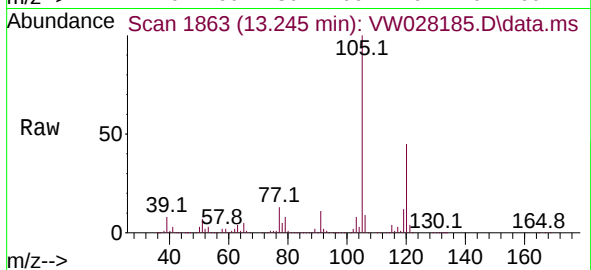
ClientSampleId :

Tgt Ion:105 Resp: 229197

Ion Ratio Lower Upper

105 100

120 43.9 35.6 53.4



#64

1,3-Dichlorobenzene

Concen: 22.881 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

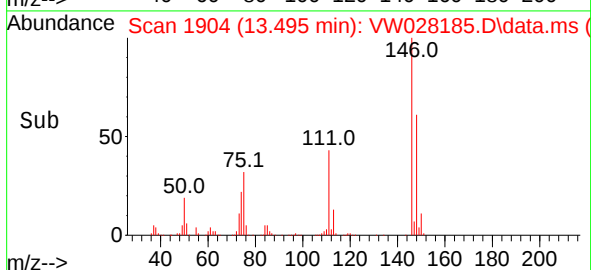
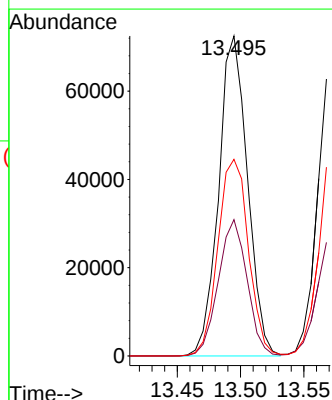
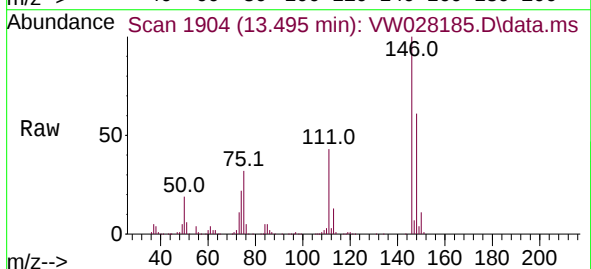
Tgt Ion:146 Resp: 114881

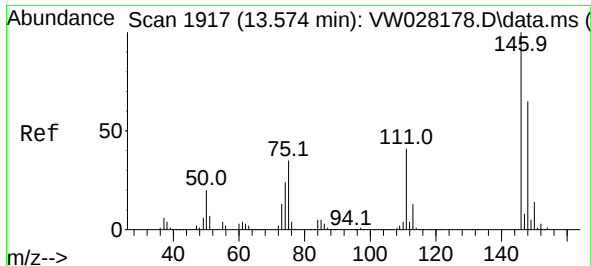
Ion Ratio Lower Upper

146 100

111 42.6 28.5 52.9

148 61.4 43.0 80.0





#65

1,4-Dichlorobenzene

Concen: 23.607 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

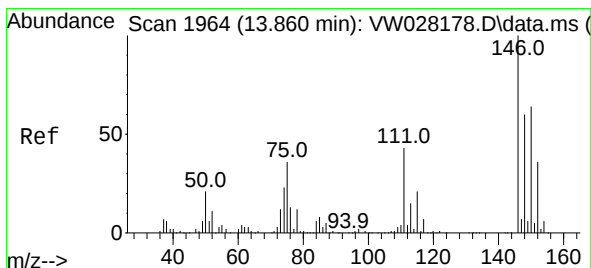
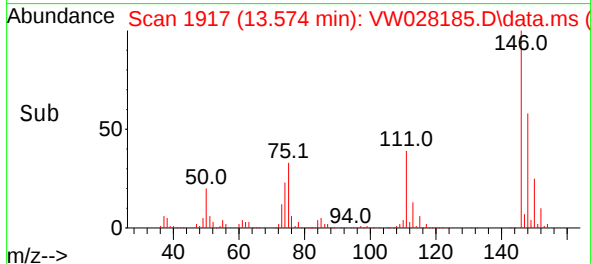
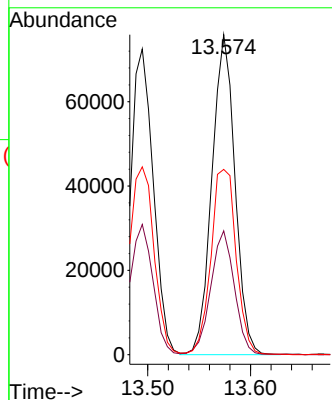
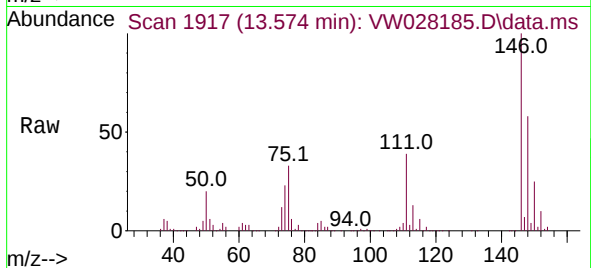
Tgt Ion:146 Resp: 118521

Ion Ratio Lower Upper

146 100

111 38.7 28.8 53.6

148 57.9 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 23.439 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

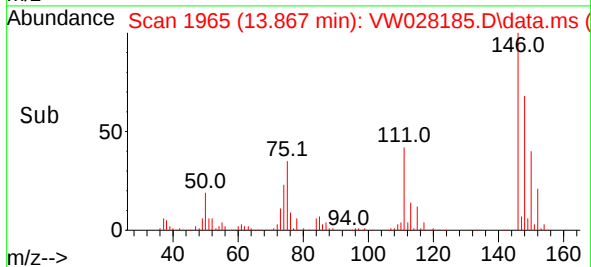
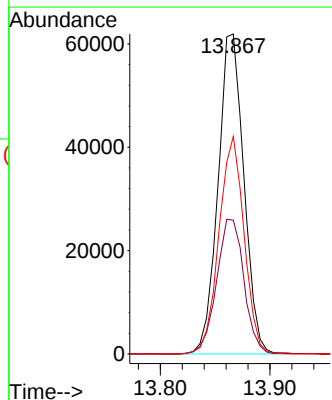
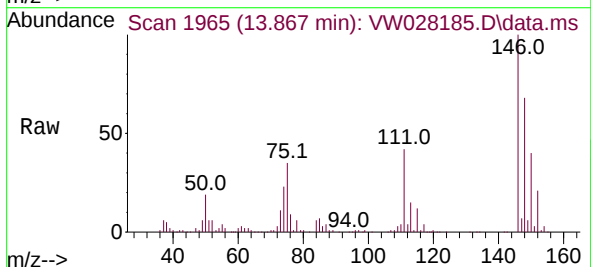
Tgt Ion:146 Resp: 101345

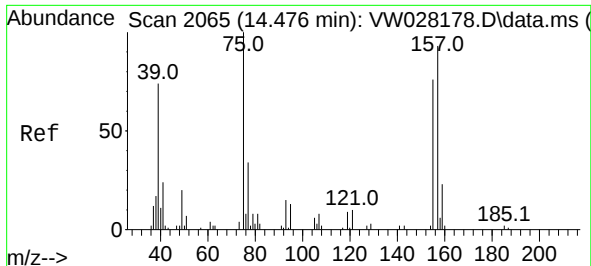
Ion Ratio Lower Upper

146 100

111 41.8 34.2 51.2

148 68.0 48.1 72.1





#68

1,2-Dibromo-3-chloropropane

Concen: 29.070 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028185.D

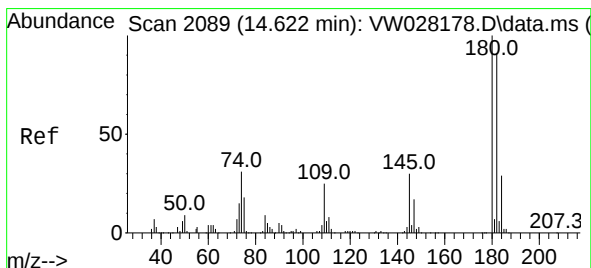
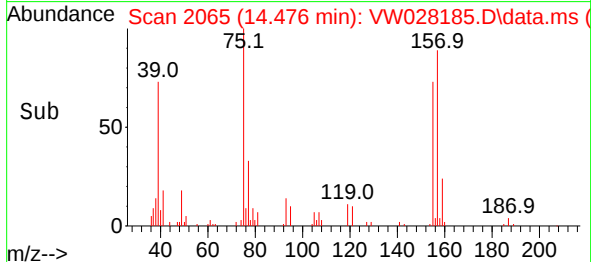
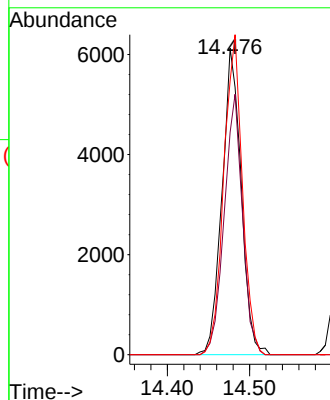
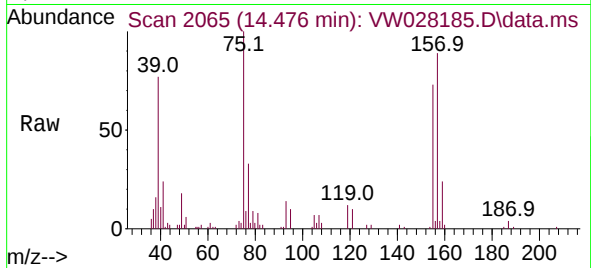
Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	9872
Ion	Ratio	Lower	Upper
75	100		
155	72.6	61.1	91.7
157	89.4	74.2	111.4



#69

1,3,5-Trichlorobenzene

Concen: 15.504 ug/L

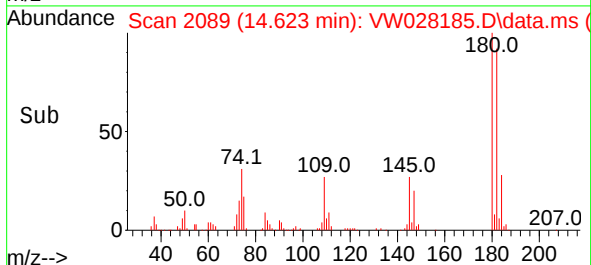
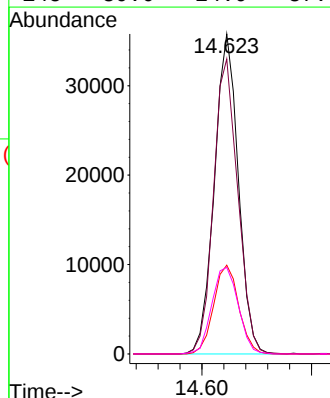
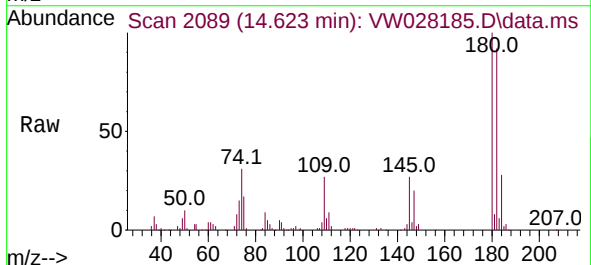
RT: 14.623 min Scan# 2089

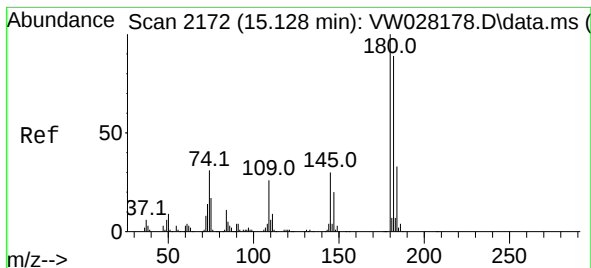
Delta R.T. 0.000 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

Tgt Ion:	180	Resp:	54223
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.6	114.8
184	29.2	23.5	35.3
145	30.0	24.9	37.3





#70

1,2,4-trichlorobenzene

Concen: 13.687 ug/L

RT: 15.129 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028185.D

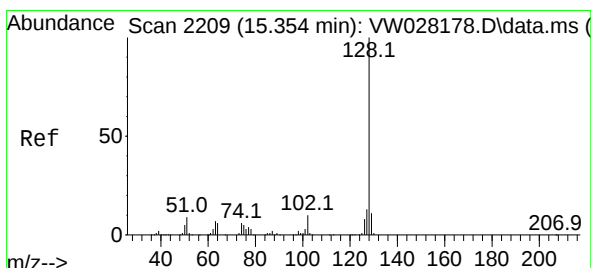
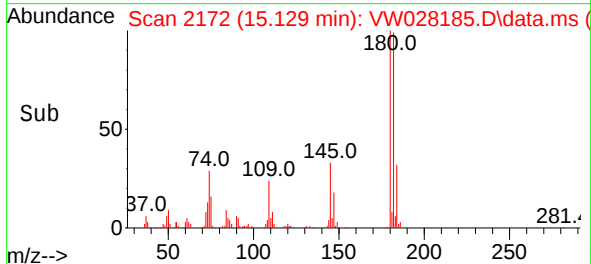
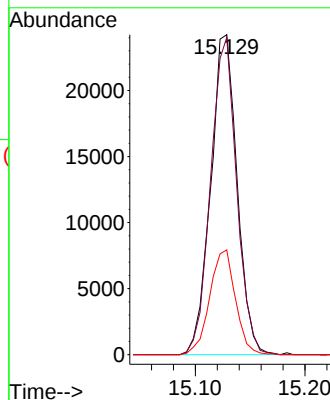
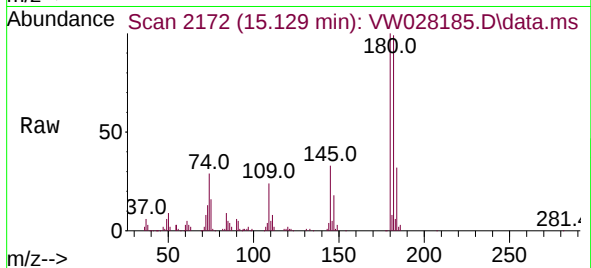
Acq: 14 Mar 2024 17:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180	Resp:	40666
Ion Ratio	Lower	Upper
180	100	
182	97.2	73.8 110.8
145	31.9	25.0 37.6



#71

Naphthalene

Concen: 20.258 ug/L

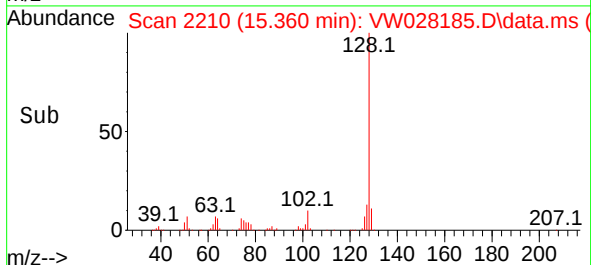
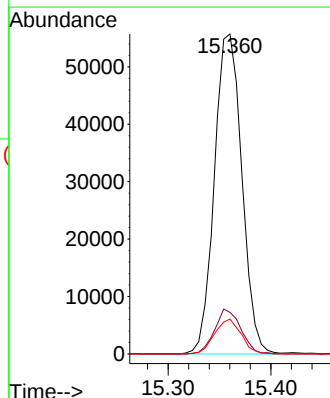
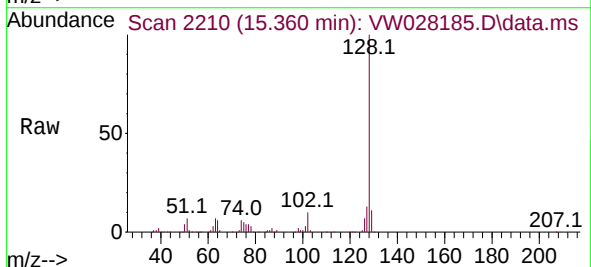
RT: 15.360 min Scan# 2210

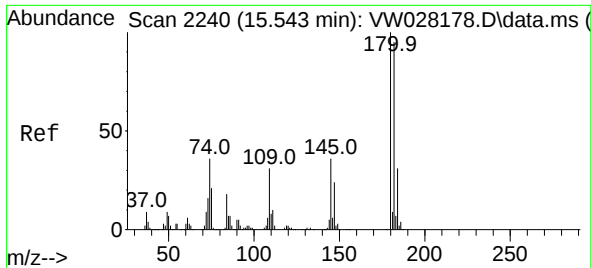
Delta R.T. 0.006 min

Lab File: VW028185.D

Acq: 14 Mar 2024 17:51

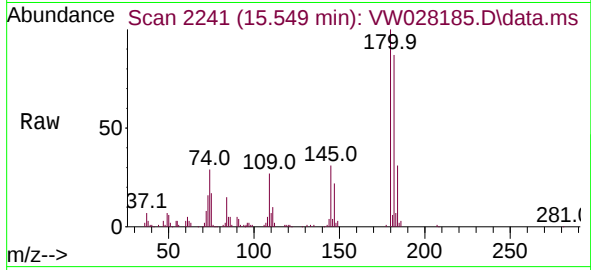
Tgt Ion:128	Resp:	103306
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.9 16.3
129	10.5	8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 13.023 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028185.D
 Acq: 14 Mar 2024 17:51

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	31897
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.0	114.0
145	33.4	27.1	40.7

