

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042524\
 Data File : VW028551.D
 Acq On : 25 Apr 2024 13:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 26 01:11:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 26 01:10:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	285529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263171	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134486	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	80804	17.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.600%
7) Chloroethane-d5	2.899	69	70431	20.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	4.027	65	36033	18.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.360%
21) 2-Butanone-d5	7.081	46	51786	60.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.920%
24) Chloroform-d	7.648	84	186280	25.002	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	8.307	65	99263	25.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.560%
32) Benzene-d6	8.270	84	338598	23.552	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	9.270	67	105903	24.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	10.319	98	306812	23.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.880%
43) trans-1,3-Dichloroprop...	10.575	79	41454	24.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.600%
47) 2-Hexanone-d5	10.922	63	35860	60.579	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90492	30.013	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.040%#
66) 1,2-Dichlorobenzene-d4	13.849	152	106322	24.998	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	84178	21.920	ug/L	90
3) Chloromethane	2.223	50	104207	23.112	ug/L	100
5) Vinyl chloride	2.375	62	124392	23.166	ug/L	96
6) Bromomethane	2.790	94	76982	22.947	ug/L	99
8) Chloroethane	2.936	64	77103	23.820	ug/L	100
9) Trichlorofluoromethane	3.265	101	90138	21.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99177	24.610	ug/L	98
12) 1,1-Dichloroethene	4.045	96	88883	23.490	ug/L	92
13) Acetone	4.131	43	43116	40.995	ug/L	94
14) Carbon disulfide	4.393	76	268654	21.565	ug/L	99
15) Methyl Acetate	4.673	43	43869	25.923	ug/L	98
16) Methylene chloride	4.917	84	102256	23.667	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	96777	24.280	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	150073	26.766	ug/L	99
19) 1,1-Dichloroethane	6.216	63	196139	25.256	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	108077	25.548	ug/L	96
22) 2-Butanone	7.173	43	58309	45.683	ug/L	98
23) Bromochloromethane	7.514	128	47079	25.837	ug/L	99
25) Chloroform	7.673	83	202025	26.482	ug/L	95

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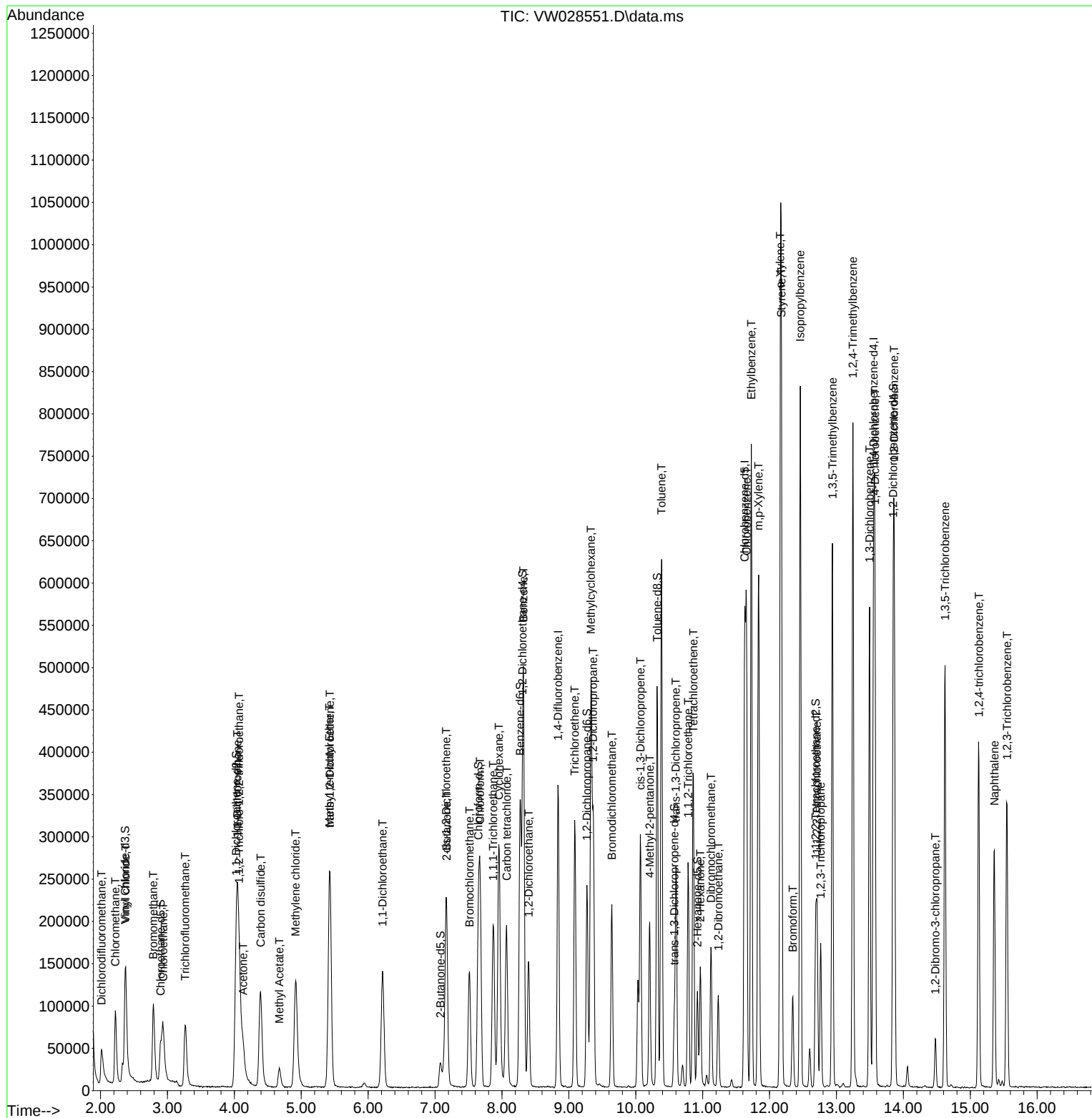
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136604	25.944	ug/L	99
29) Cyclohexane	7.953	56	167495	24.095	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	157346	24.652	ug/L	99
31) Carbon tetrachloride	8.069	117	141780	25.050	ug/L	97
33) Benzene	8.319	78	417885	25.397	ug/L	100
34) Trichloroethene	9.087	95	108514	24.335	ug/L	97
35) Methylcyclohexane	9.331	83	182236	23.949	ug/L	99
37) 1,2-Dichloropropane	9.362	63	110470	25.759	ug/L	99
38) Bromodichloromethane	9.642	83	135973	25.579	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	162258	25.800	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	129850	60.484	ug/L	99
42) Toluene	10.386	91	444368	25.492	ug/L	100
44) trans-1,3-Dichloropropene	10.599	75	134743	26.484	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	77021	26.546	ug/L	96
46) Tetrachloroethene	10.861	164	80074	24.041	ug/L	91
48) 2-Hexanone	10.965	43	90726	53.240	ug/L	97
49) Dibromochloromethane	11.123	129	82639	26.648	ug/L	98
50) 1,2-Dibromoethane	11.233	107	69873	26.386	ug/L #	93
51) Chlorobenzene	11.654	112	275678	25.443	ug/L	96
52) Ethylbenzene	11.727	91	504350	25.524	ug/L	99
53) m,p-Xylene	11.837	106	189173	25.744	ug/L	90
54) o-Xylene	12.160	106	178422	26.077	ug/L	95
55) Styrene	12.178	104	304898	26.183	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	91262	27.794	ug/L	99
59) Bromoform	12.349	173	47652	26.843	ug/L	96
60) Isopropylbenzene	12.459	105	500906	24.844	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65607	26.683	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	327415	25.479	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	396461	25.636	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	208827	24.410	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	212205	24.385	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	189929	25.240	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	14191	25.187	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	139331	23.668	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	118300	25.733	ug/L	93
71) Naphthalene	15.360	128	233402	28.688	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	106553	26.120	ug/L	99

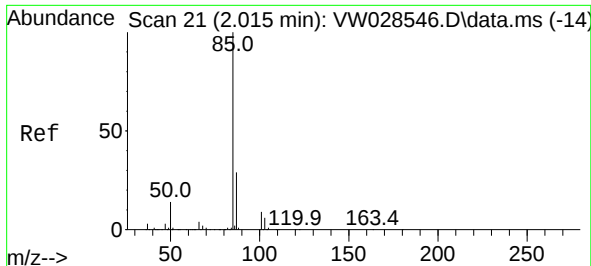
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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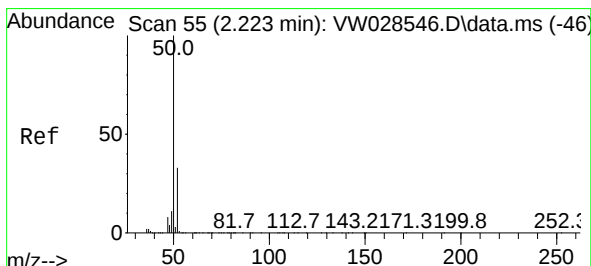
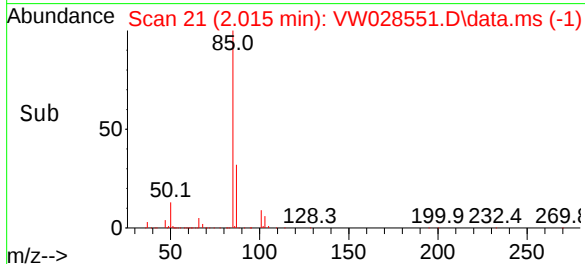
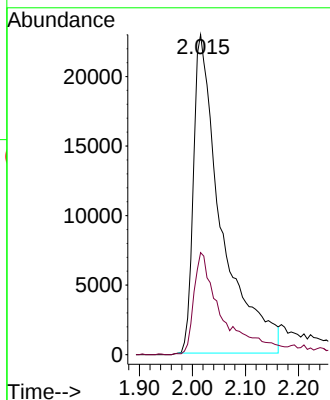
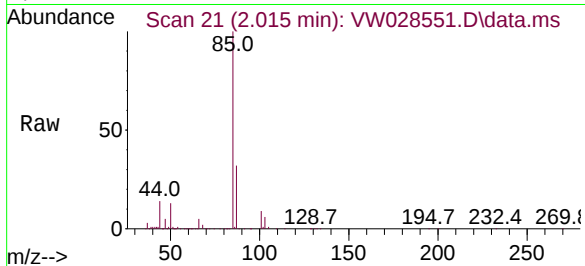




#2
 Dichlorodifluoromethane
 Concen: 21.920 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028551.D
 Acq: 25 Apr 2024 13:36

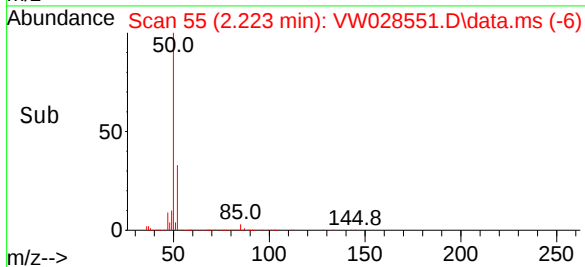
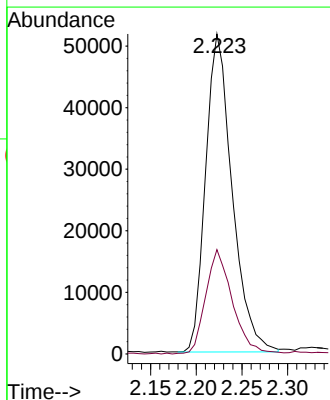
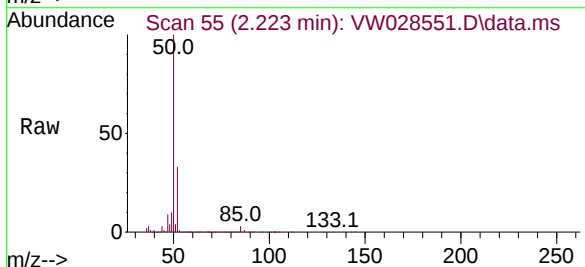
Instrument :
 MSVOA_W
 ClientSampleId :

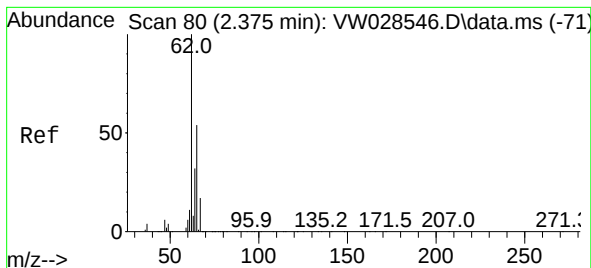
Tgt Ion: 85 Resp: 84178
 Ion Ratio Lower Upper
 85 100
 87 24.0 23.4 35.0



#3
 Chloromethane
 Concen: 23.112 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028551.D
 Acq: 25 Apr 2024 13:36

Tgt Ion: 50 Resp: 104207
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6





#5

Vinyl chloride

Concen: 23.166 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

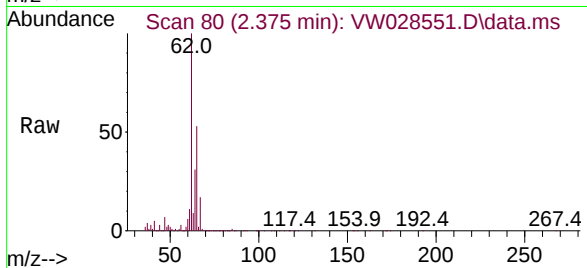
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Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

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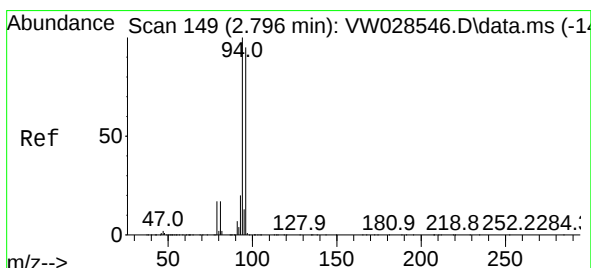
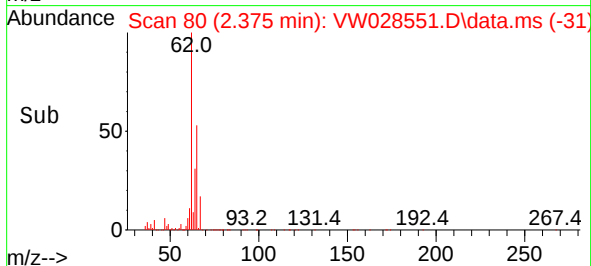
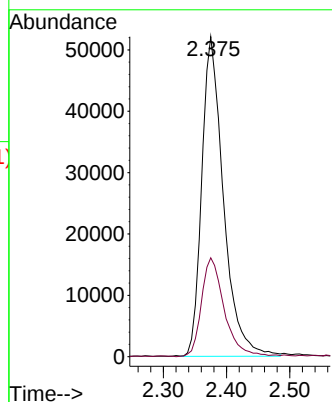


Tgt Ion: 62 Resp: 124392

Ion Ratio Lower Upper

62 100

64 30.9 23.1 42.9



#6

Bromomethane

Concen: 22.947 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW028551.D

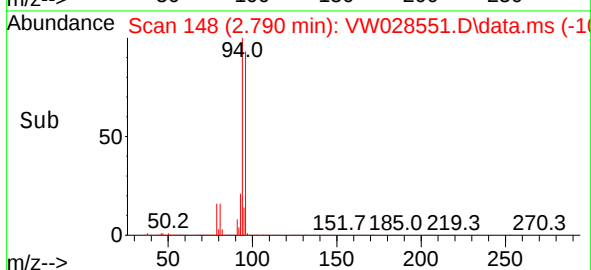
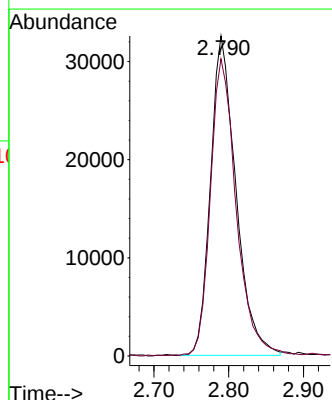
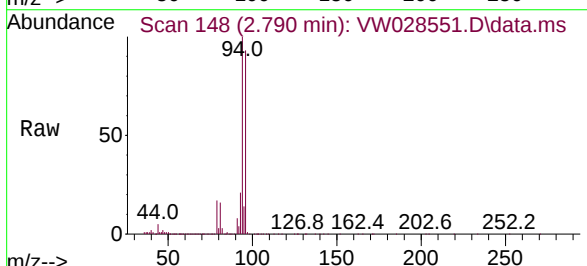
Acq: 25 Apr 2024 13:36

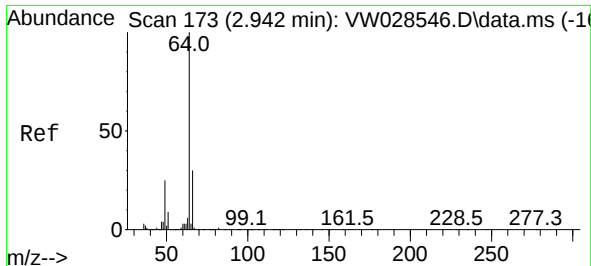
Tgt Ion: 94 Resp: 76982

Ion Ratio Lower Upper

94 100

96 92.9 64.3 119.5

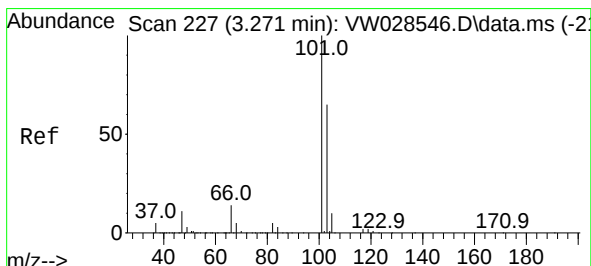
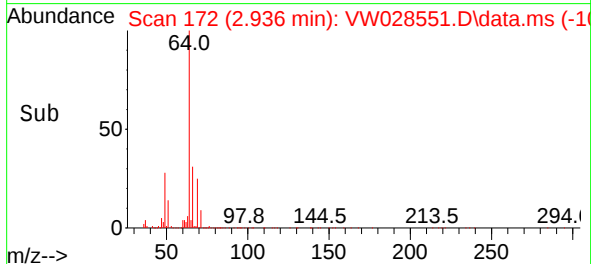
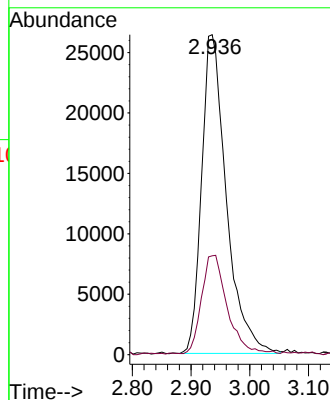
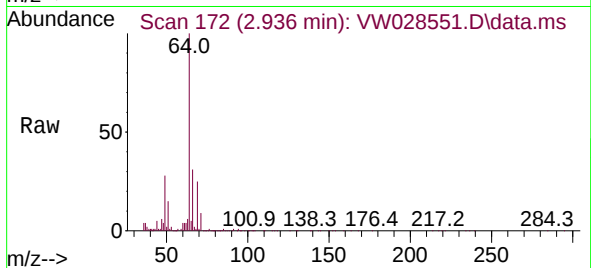




#8
Chloroethane
Concen: 23.820 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

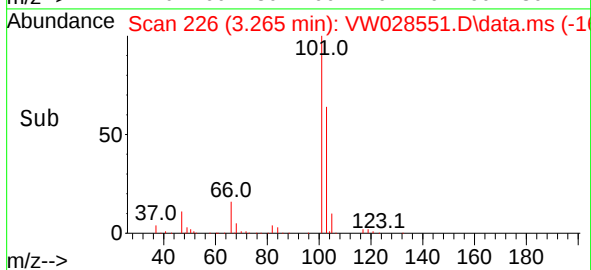
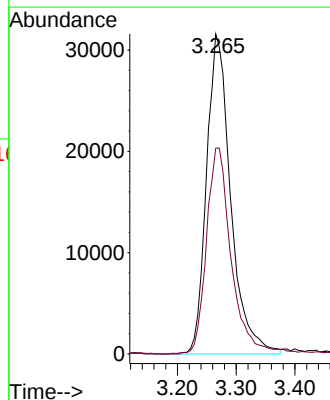
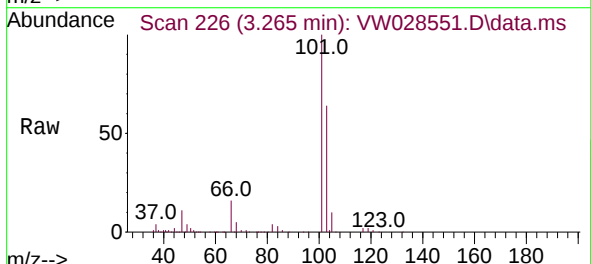
Instrument :
MSVOA_W
ClientSampleId :

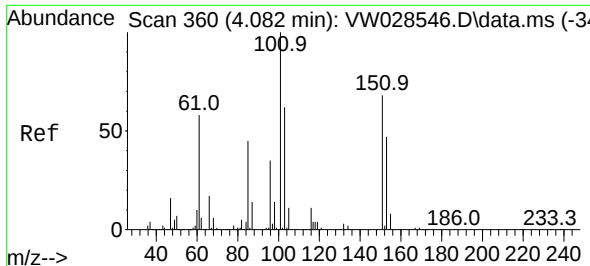
Tgt Ion: 64 Resp: 77103
Ion Ratio Lower Upper
64 100
66 30.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.043 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion:101 Resp: 90138
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0





#10

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

Concen: 24.610 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

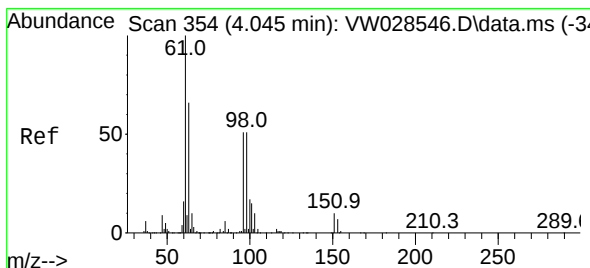
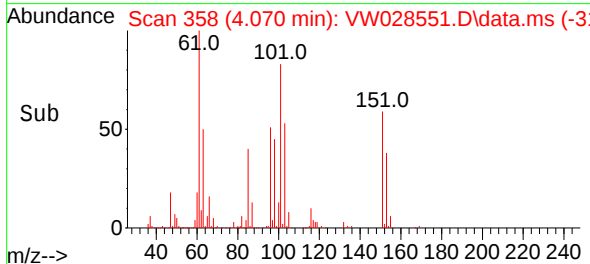
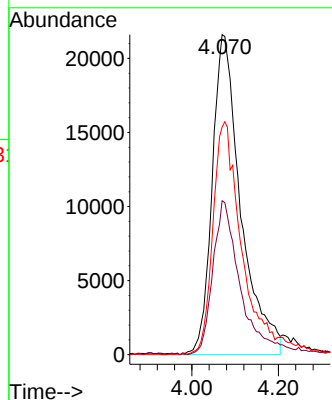
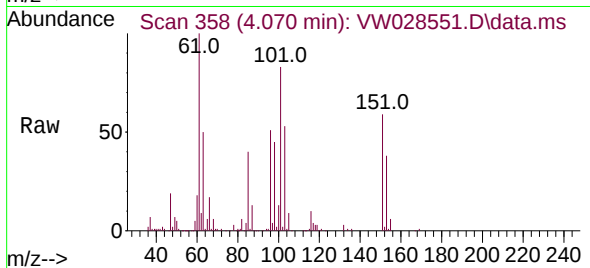
Tgt Ion:101 Resp: 99177

Ion Ratio Lower Upper

101 100

85 46.3 34.5 51.7

151 71.5 57.5 86.3



#12

1,1-Dichloroethene

Concen: 23.490 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

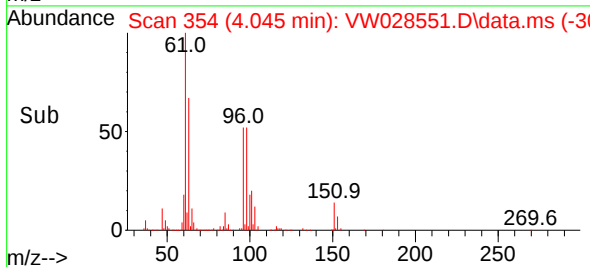
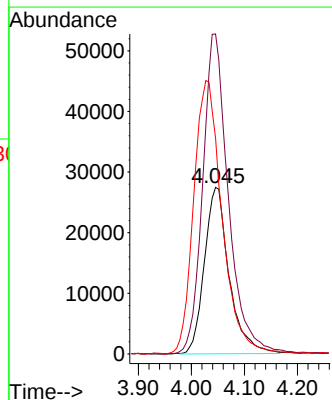
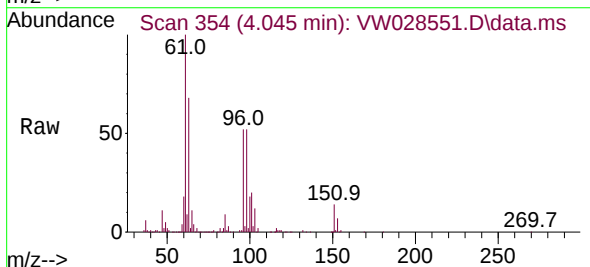
Tgt Ion: 96 Resp: 88883

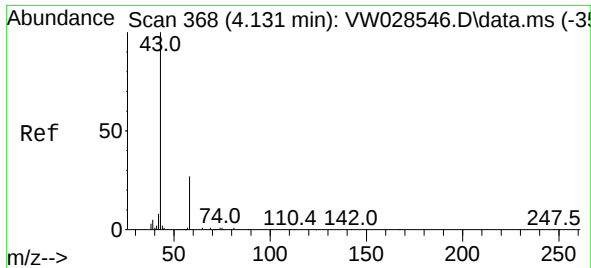
Ion Ratio Lower Upper

96 100

61 192.2 130.5 242.5

63 129.7 101.5 188.5

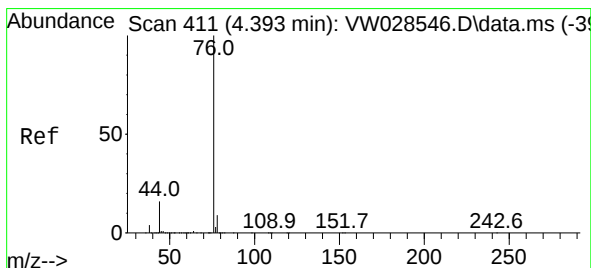
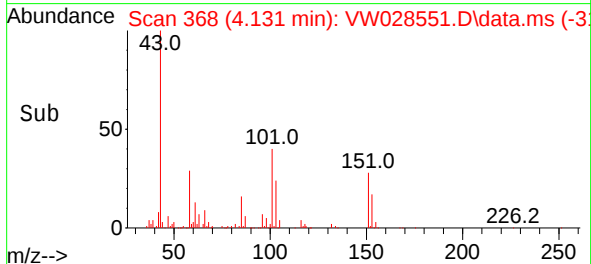
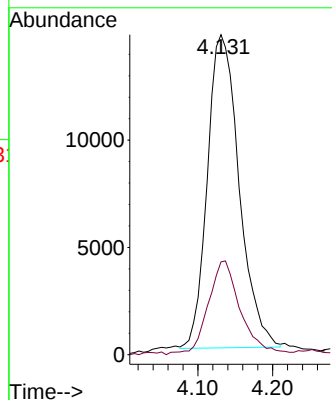
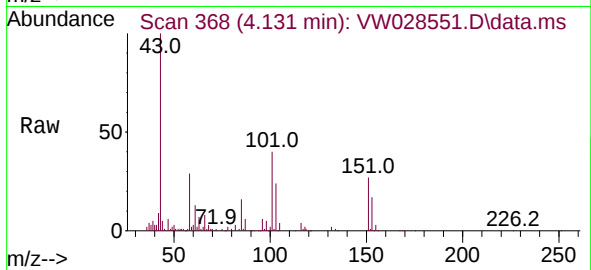




#13
Acetone
Concen: 40.995 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

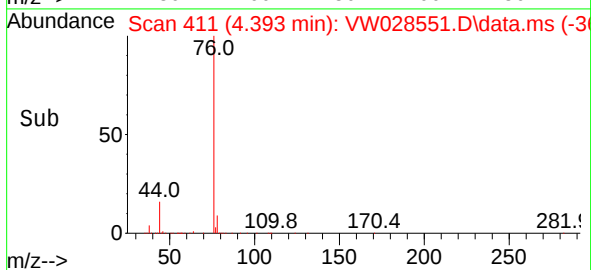
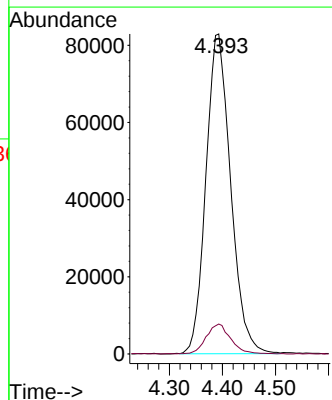
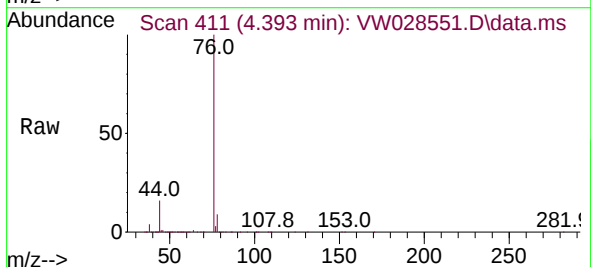
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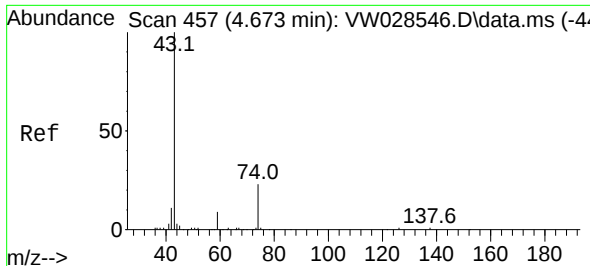
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Ion Ratio Lower Upper
43 100
58 29.7 0.0 53.4



#14
Carbon disulfide
Concen: 21.565 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion: 76 Resp: 268654
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

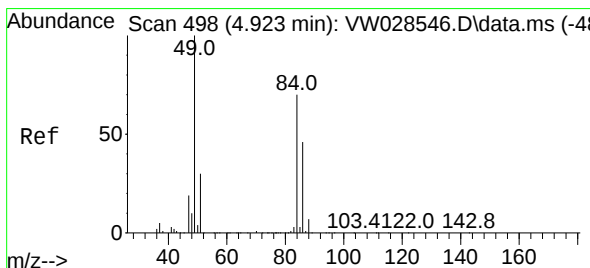
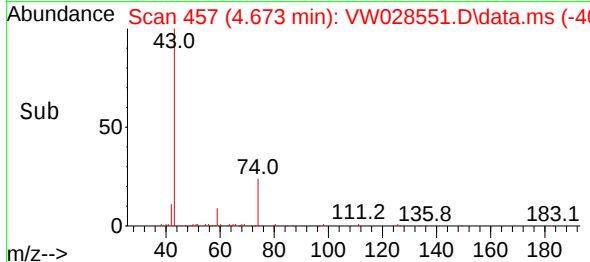
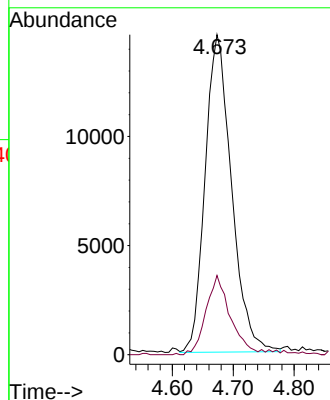
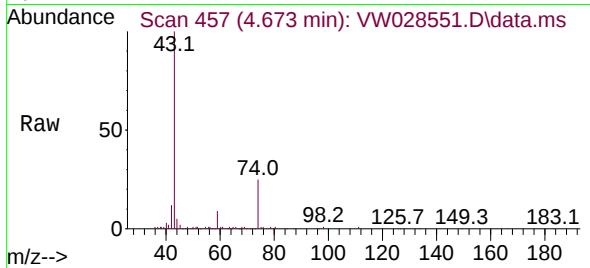




#15
Methyl Acetate
Concen: 25.923 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

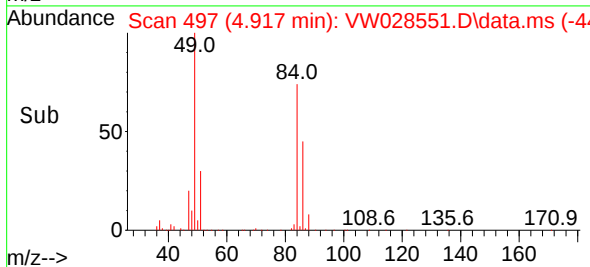
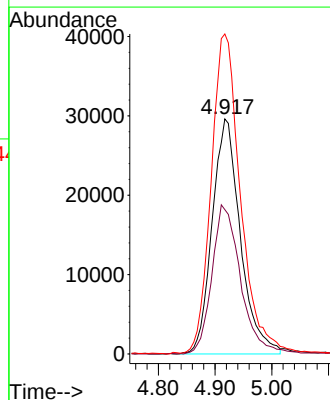
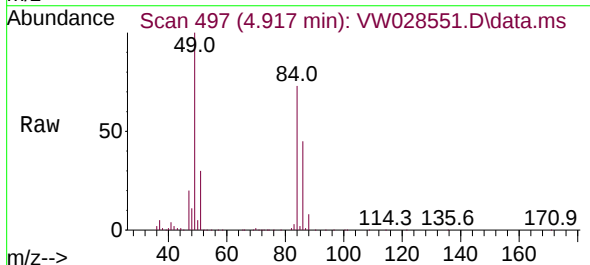
Instrument :
MSVOA_W
ClientSampleId :

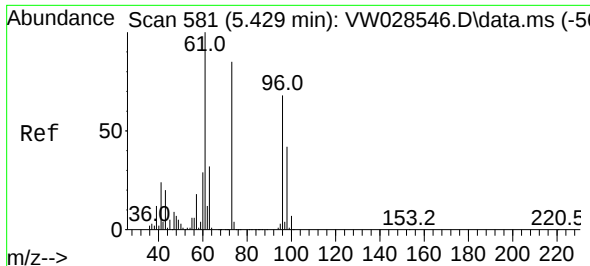
Tgt Ion: 43 Resp: 43869
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.0



#16
Methylene chloride
Concen: 23.667 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion: 84 Resp: 102256
Ion Ratio Lower Upper
84 100
86 61.4 44.2 82.0
49 136.1 95.0 176.4





#17

trans-1,2-Dichloroethene

Concen: 24.280 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

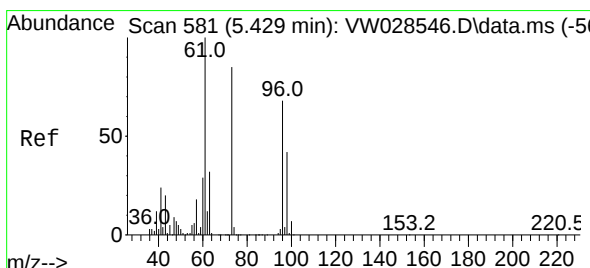
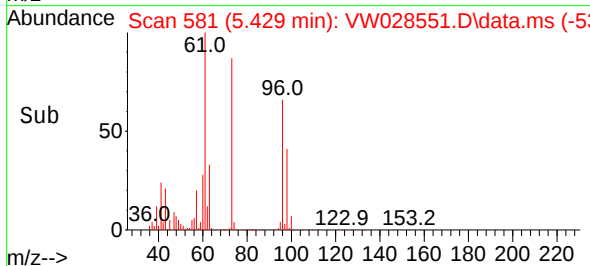
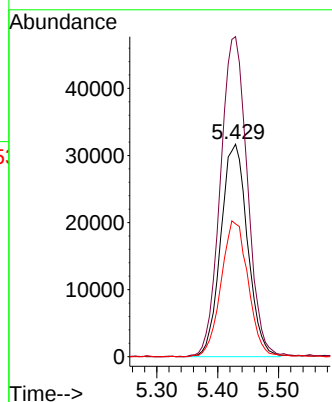
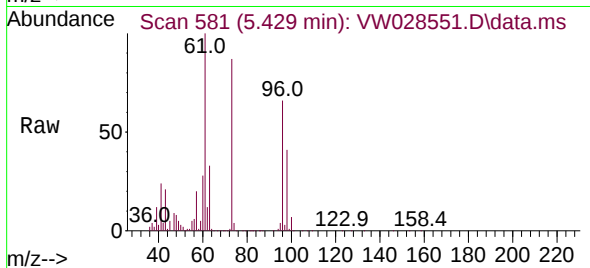
Tgt Ion: 96 Resp: 96777

Ion Ratio Lower Upper

96 100

61 150.6 108.4 201.4

98 62.5 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 26.766 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

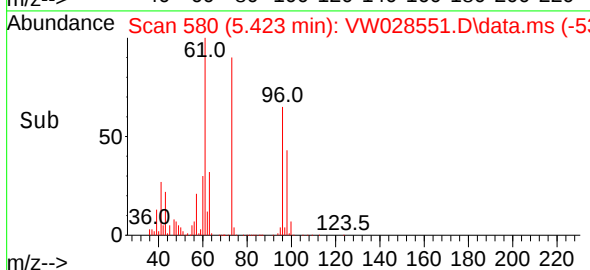
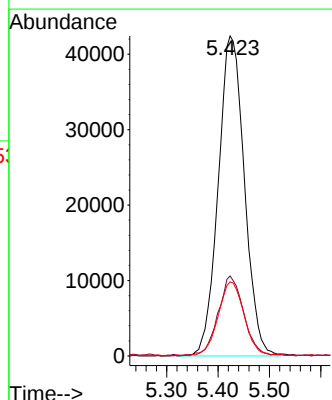
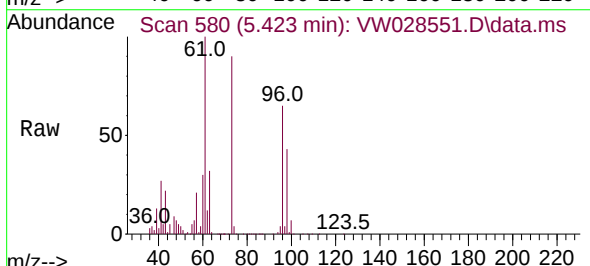
Tgt Ion: 73 Resp: 150073

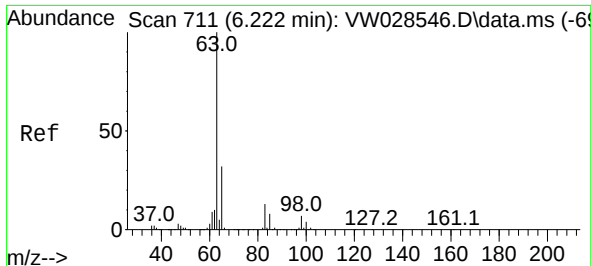
Ion Ratio Lower Upper

73 100

43 23.6 18.5 27.7

57 22.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 25.256 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

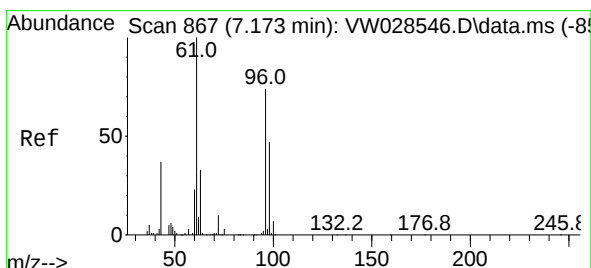
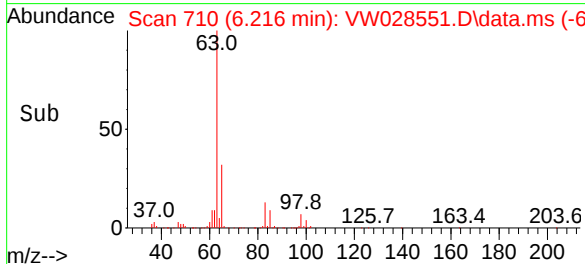
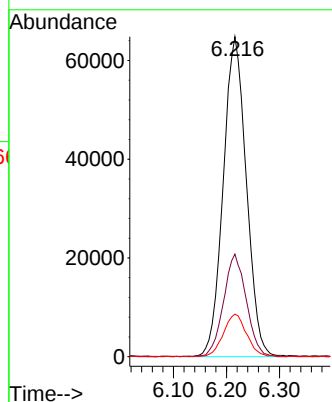
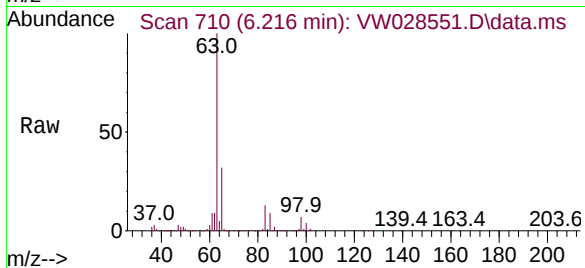
Tgt Ion: 63 Resp: 196139

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.4

83 13.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.548 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

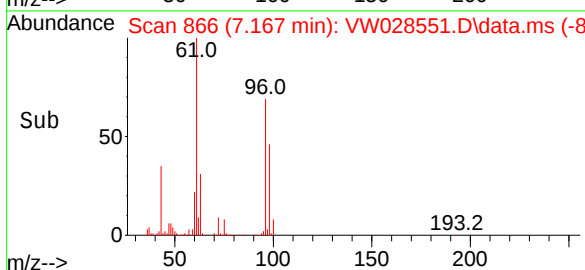
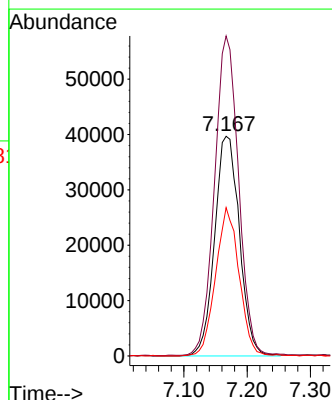
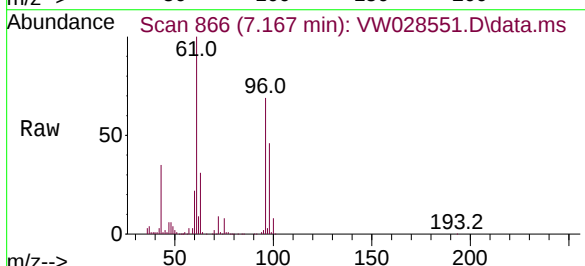
Tgt Ion: 96 Resp: 108077

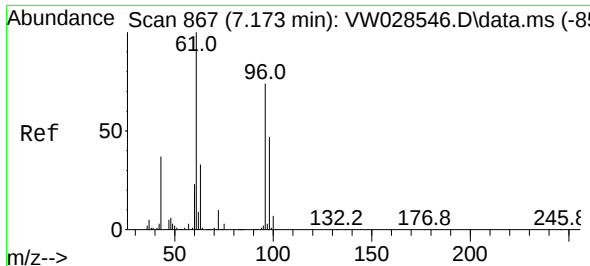
Ion Ratio Lower Upper

96 100

61 145.7 97.6 181.2

98 67.6 47.7 88.5

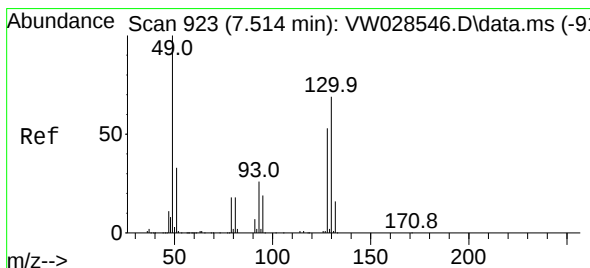
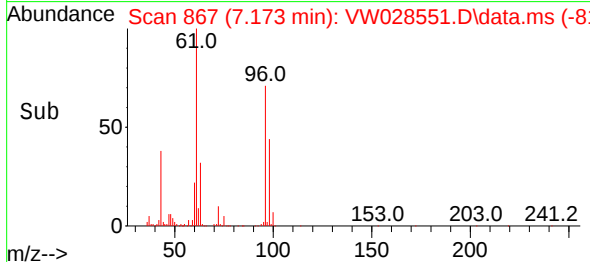
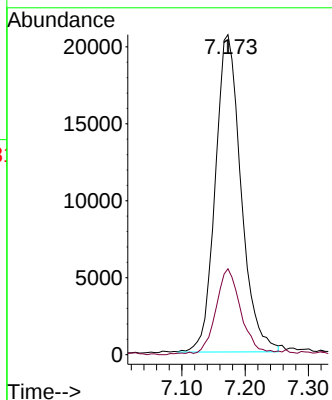
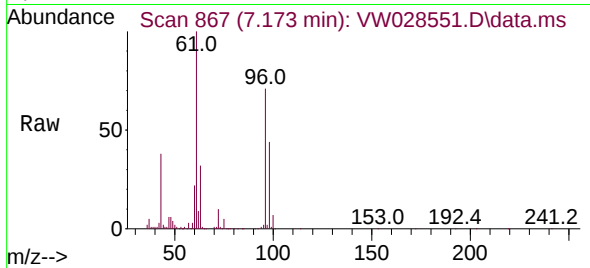




#22
2-Butanone
Concen: 45.683 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

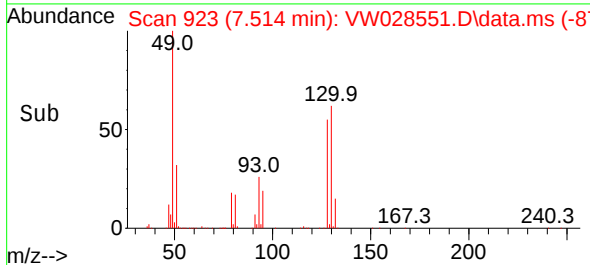
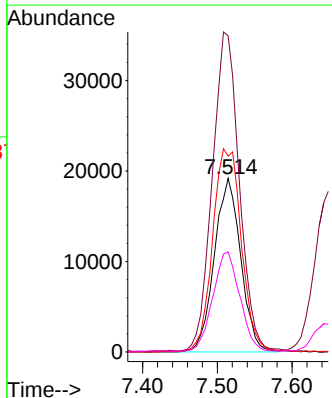
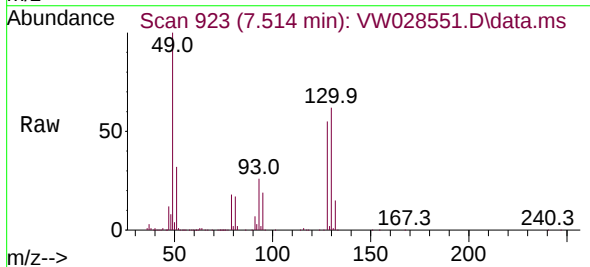
Instrument :
MSVOA_W
ClientSampleId :

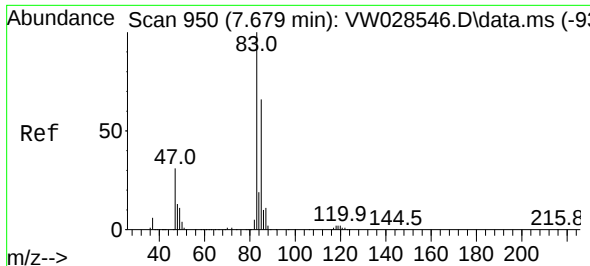
Tgt Ion: 43 Resp: 58309
Ion Ratio Lower Upper
43 100
72 26.6 12.8 38.4



#23
Bromochloromethane
Concen: 25.837 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion:128 Resp: 47079
Ion Ratio Lower Upper
128 100
49 182.1 127.1 236.0
130 112.8 78.3 145.5
51 57.6 46.0 69.0





#25

Chloroform

Concen: 26.482 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

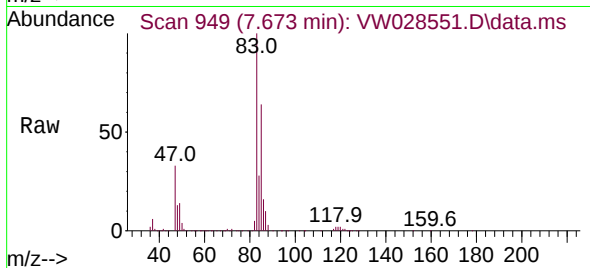
Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

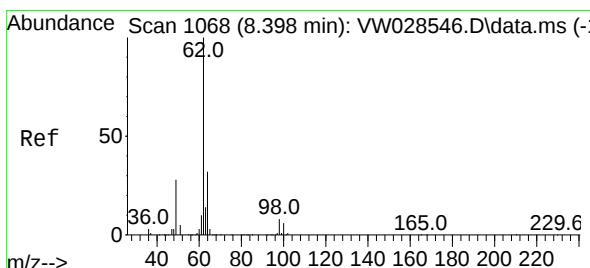
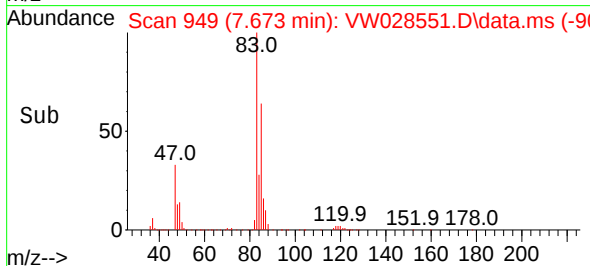
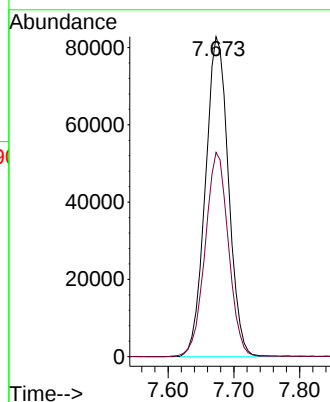


Tgt Ion: 83 Resp: 202025

Ion Ratio Lower Upper

83 100

85 63.9 47.7 88.7



#27

1,2-Dichloroethane

Concen: 25.944 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028551.D

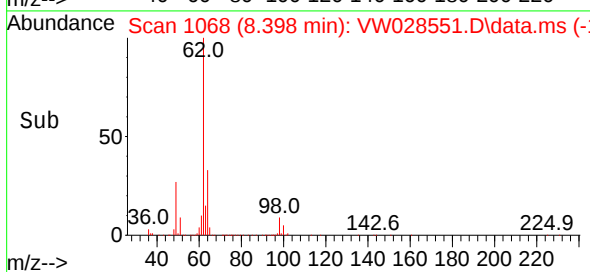
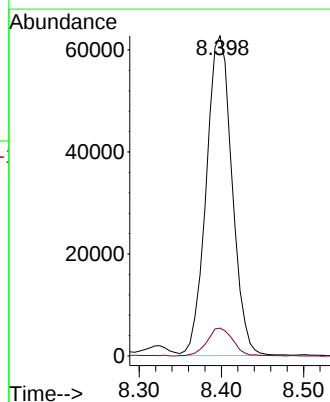
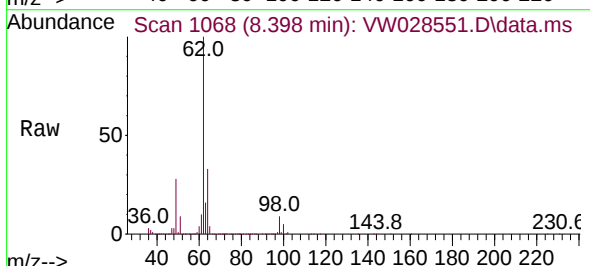
Acq: 25 Apr 2024 13:36

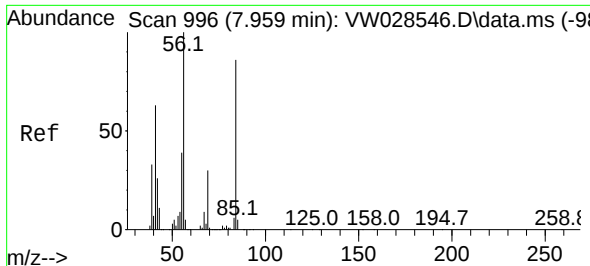
Tgt Ion: 62 Resp: 136604

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 24.095 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

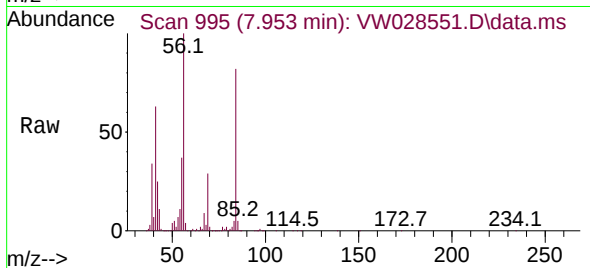
Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

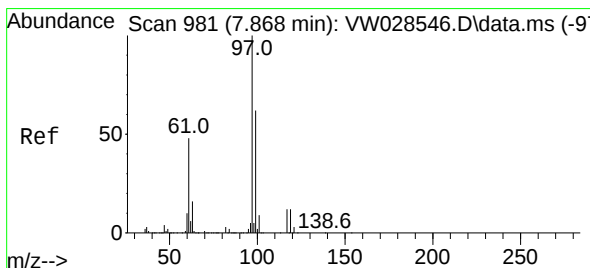
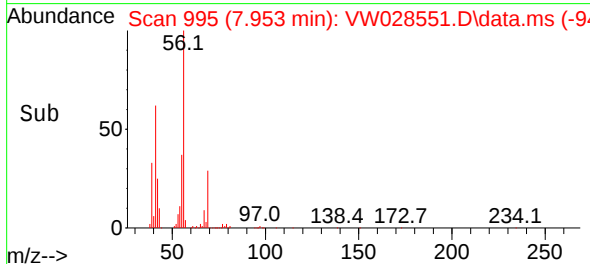
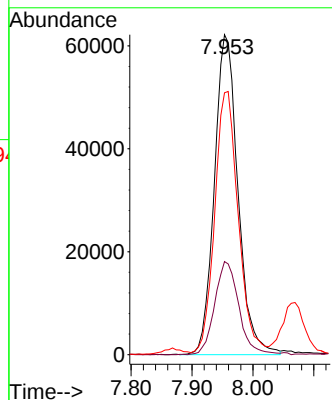
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	167495
Ion Ratio	Lower	Upper	
56	100		
69	29.6	23.8	35.6
84	82.2	65.9	98.9



#30

1,1,1-Trichloroethane

Concen: 24.652 ug/L

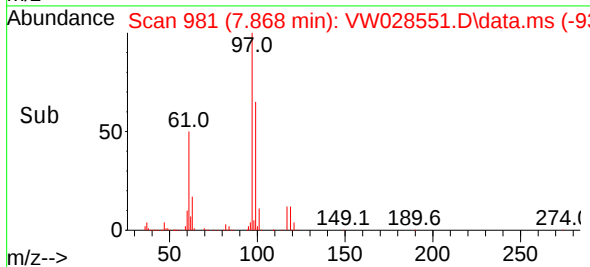
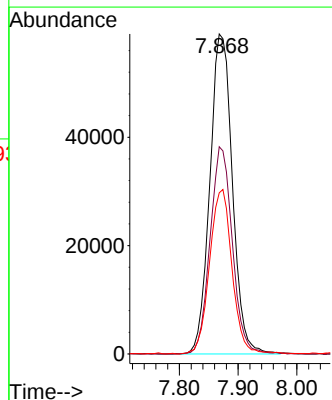
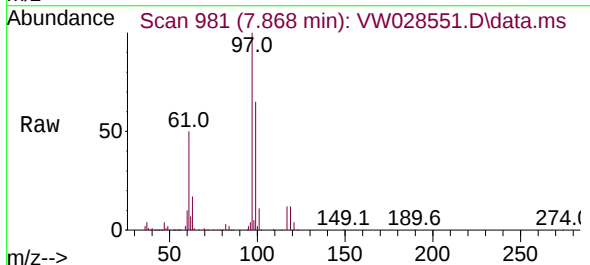
RT: 7.868 min Scan# 981

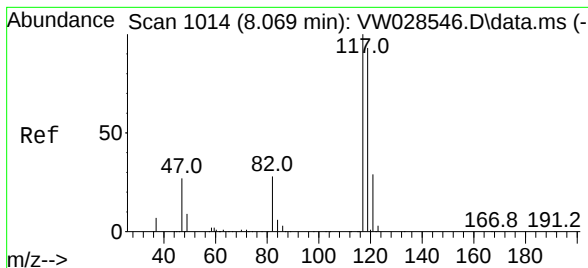
Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Tgt Ion:	97	Resp:	157346
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.4	77.2
61	51.0	40.5	60.7





#31

Carbon tetrachloride

Concen: 25.050 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

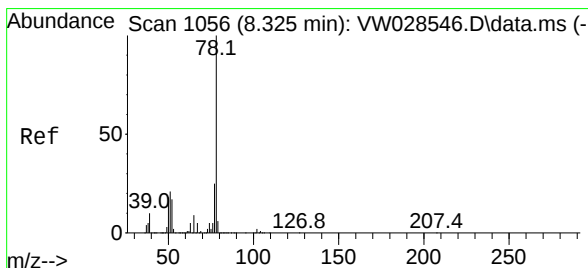
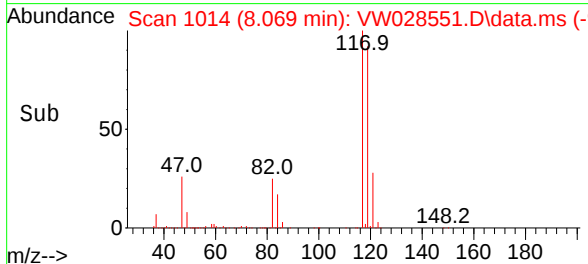
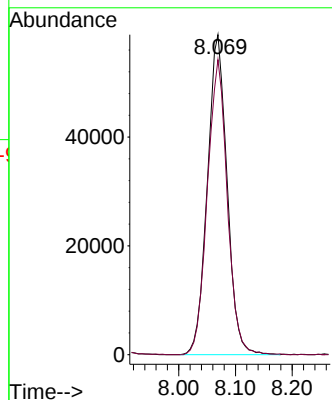
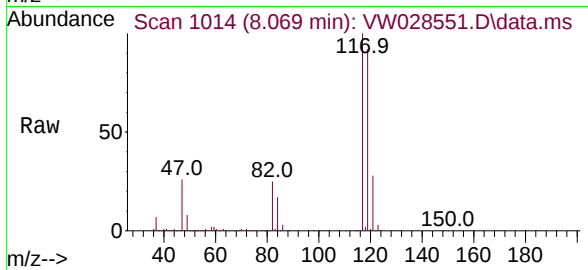
ClientSampleId :

Tgt Ion:117 Resp: 141780

Ion Ratio Lower Upper

117 100

119 93.5 77.4 116.2



#33

Benzene

Concen: 25.397 ug/L

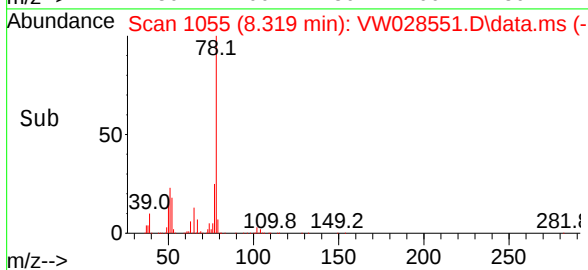
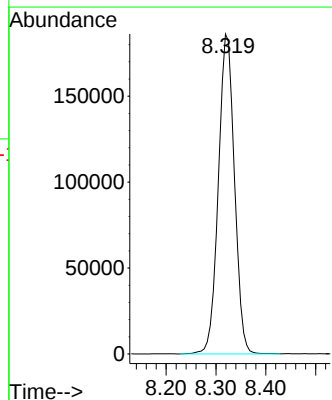
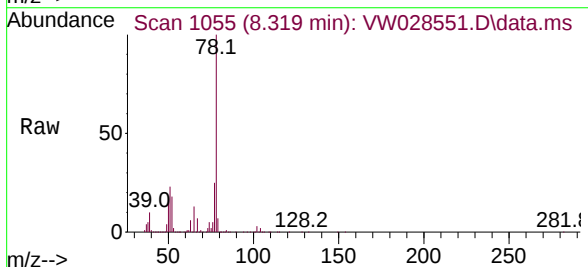
RT: 8.319 min Scan# 1055

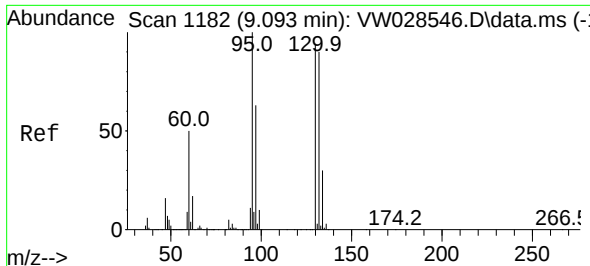
Delta R.T. -0.006 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Tgt Ion: 78 Resp: 417885





#34

Trichloroethene

Concen: 24.335 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

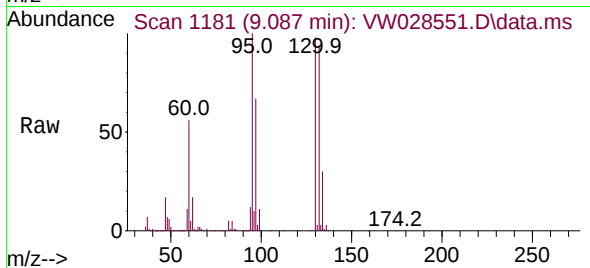
Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 108514

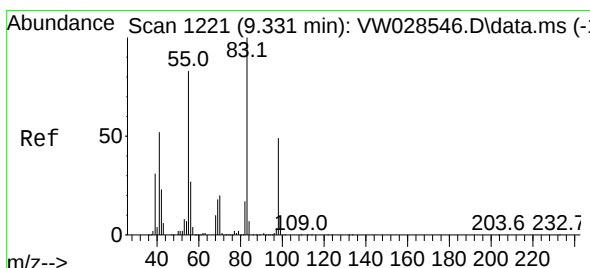
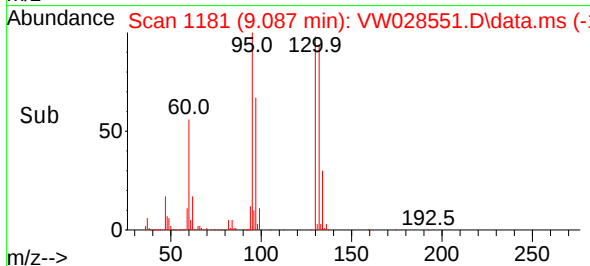
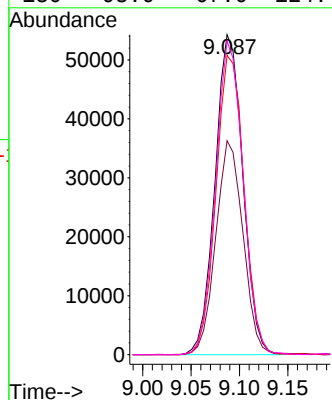
Ion Ratio Lower Upper

95 100

97 66.9 43.8 81.4

132 93.6 66.1 122.8

130 98.0 67.0 124.4



#35

Methylcyclohexane

Concen: 23.949 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

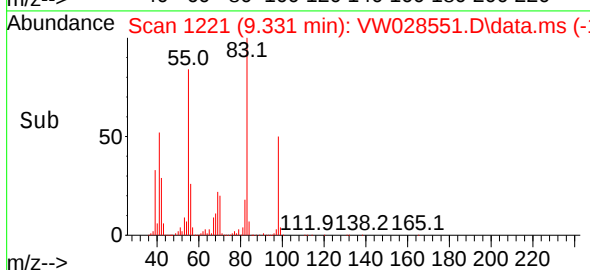
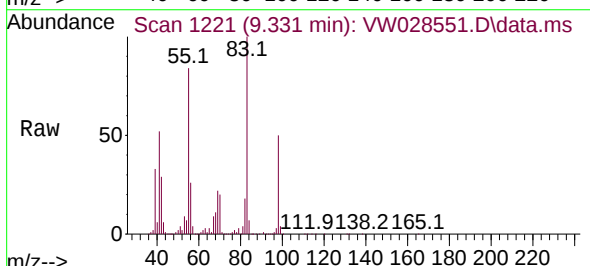
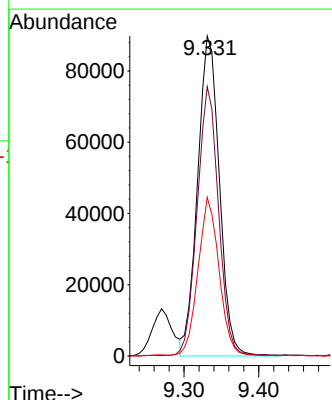
Tgt Ion: 83 Resp: 182236

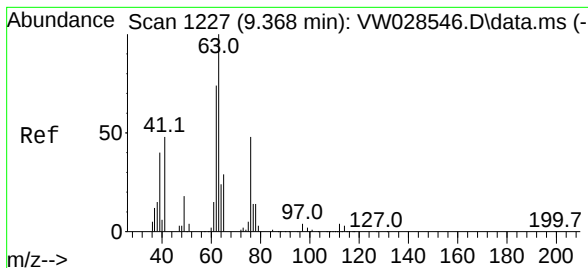
Ion Ratio Lower Upper

83 100

55 82.6 65.7 98.5

98 47.9 38.6 58.0





#37

1,2-Dichloropropane

Concen: 25.759 ug/L

RT: 9.362 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

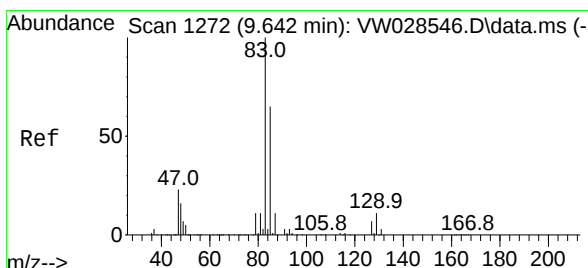
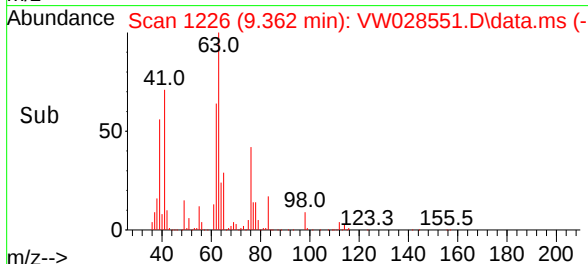
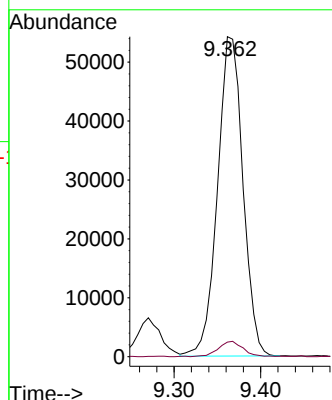
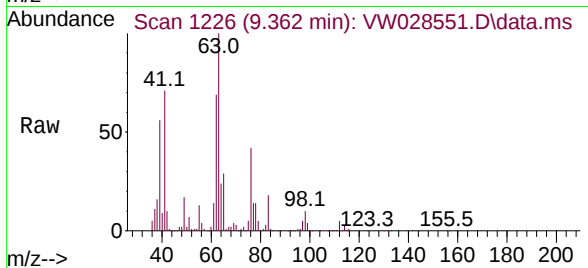
ClientSampleId :

Tgt Ion: 63 Resp: 110470

Ion Ratio Lower Upper

63 100

112 4.8 3.6 5.4



#38

Bromodichloromethane

Concen: 25.579 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

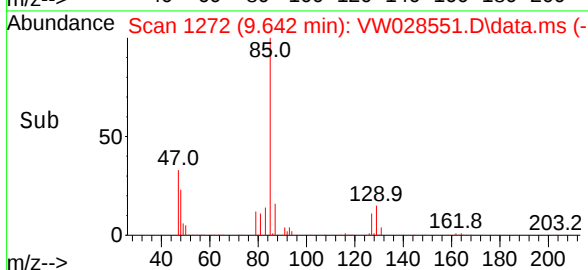
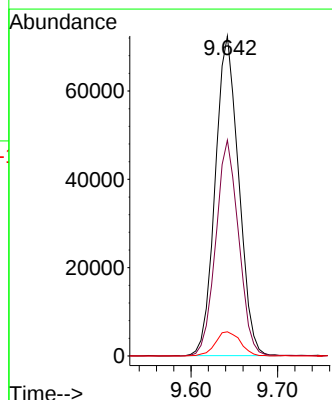
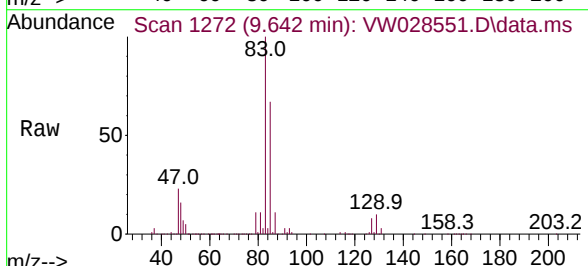
Tgt Ion: 83 Resp: 135973

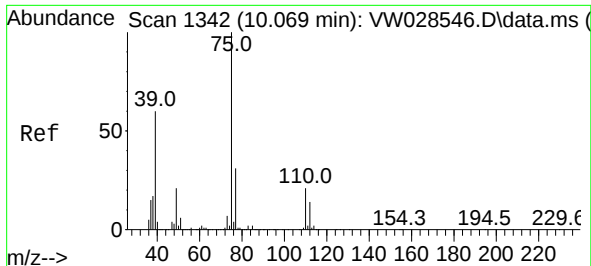
Ion Ratio Lower Upper

83 100

85 67.4 43.1 80.1

127 7.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.800 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

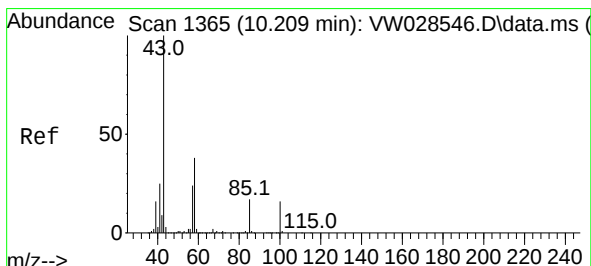
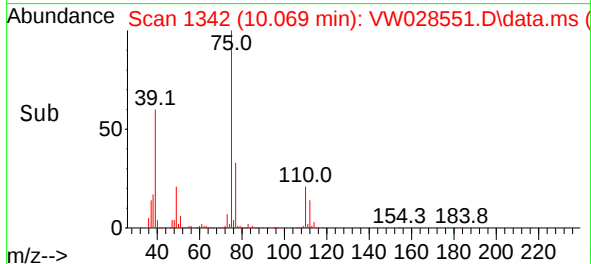
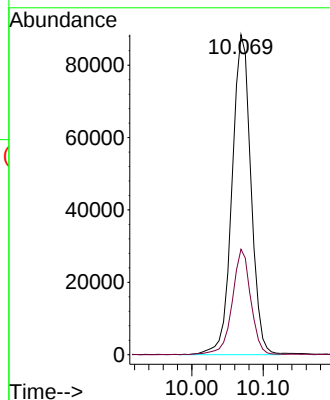
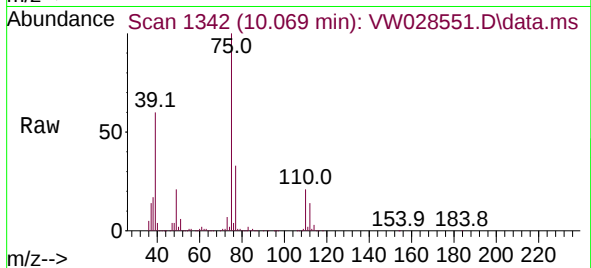
ClientSampleId :

Tgt Ion: 75 Resp: 162258

Ion Ratio Lower Upper

75 100

77 33.0 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 60.484 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

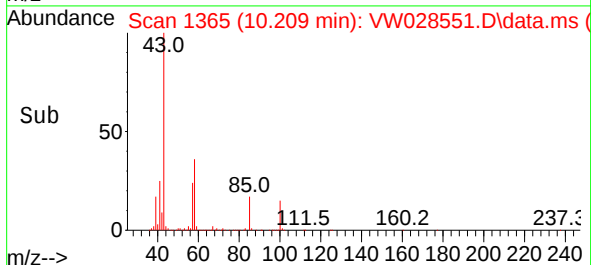
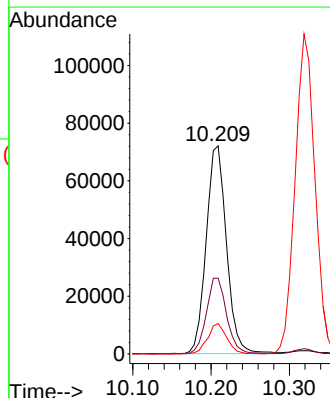
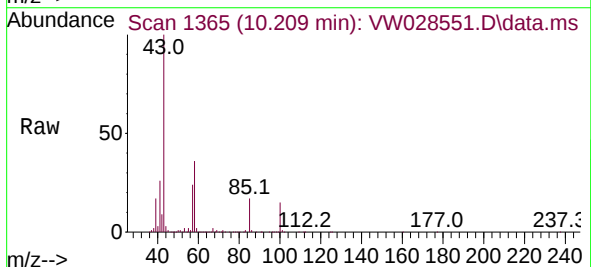
Tgt Ion: 43 Resp: 129850

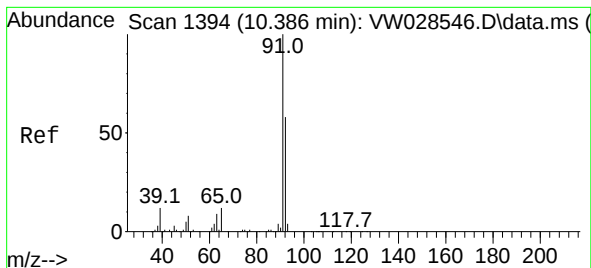
Ion Ratio Lower Upper

43 100

58 36.3 28.6 43.0

100 13.9 10.6 16.0





#42

Toluene

Concen: 25.492 ug/L

RT: 10.386 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

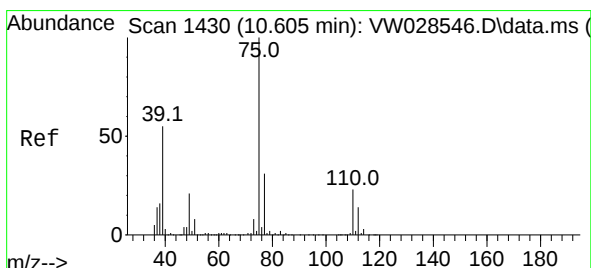
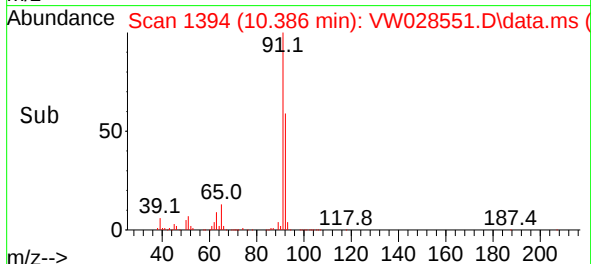
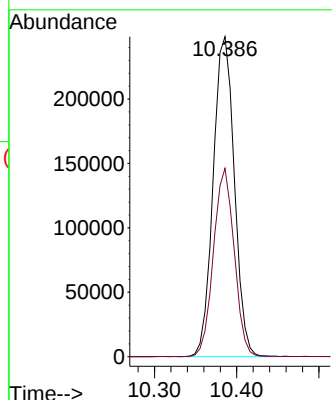
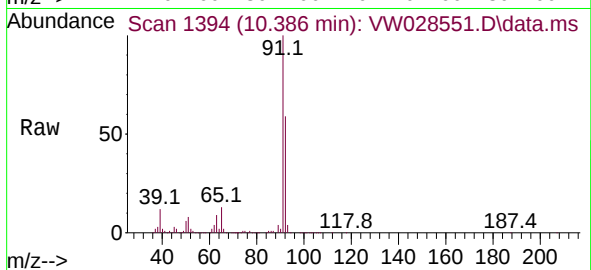
ClientSampleId :

Tgt Ion: 91 Resp: 444368

Ion Ratio Lower Upper

91 100

92 58.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.484 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW028551.D

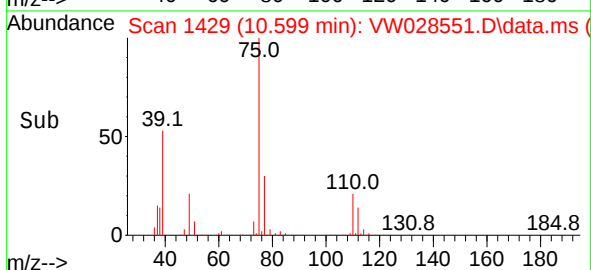
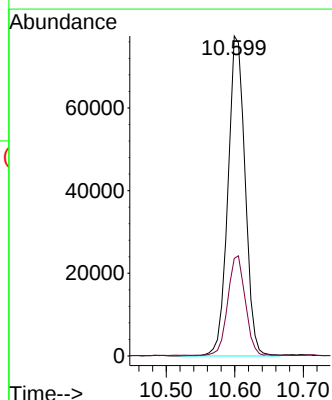
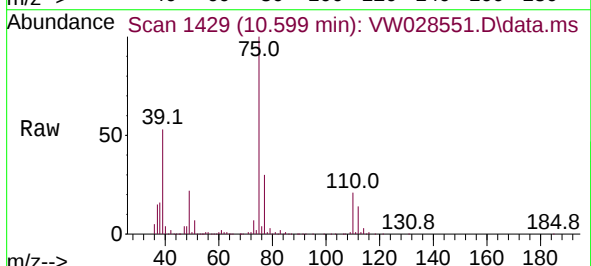
Acq: 25 Apr 2024 13:36

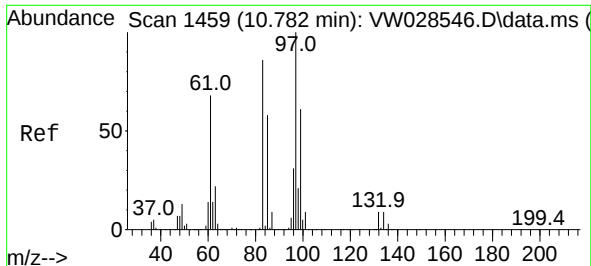
Tgt Ion: 75 Resp: 134743

Ion Ratio Lower Upper

75 100

77 30.5 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 26.546 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77021

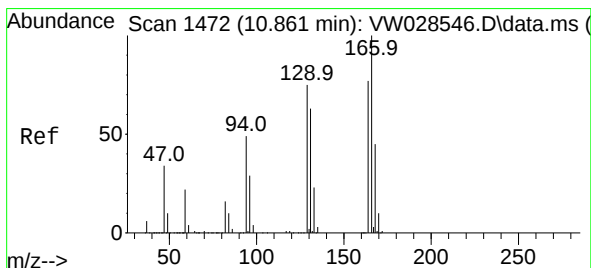
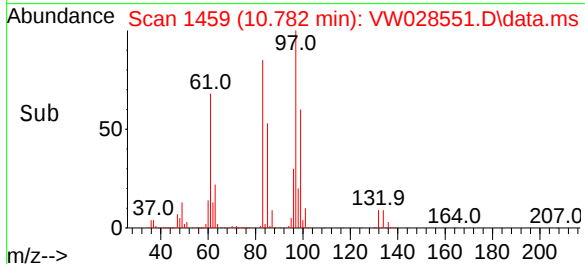
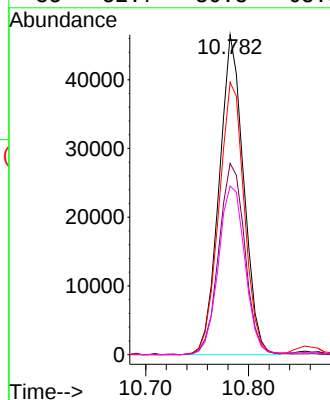
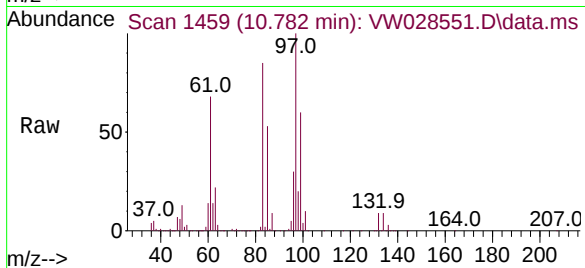
Ion Ratio Lower Upper

97 100

99 59.8 44.2 82.2

83 85.1 56.4 104.7

85 52.7 36.8 68.3



#46

Tetrachloroethene

Concen: 24.041 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Tgt Ion:164 Resp: 80074

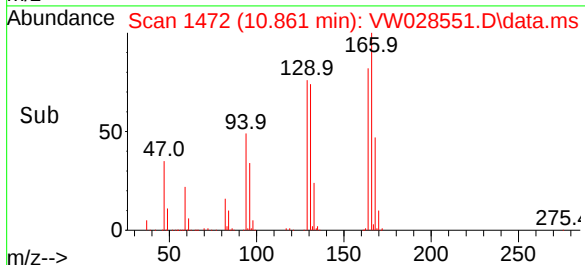
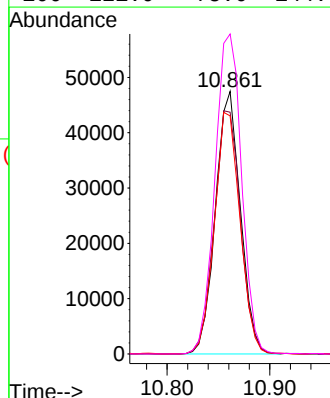
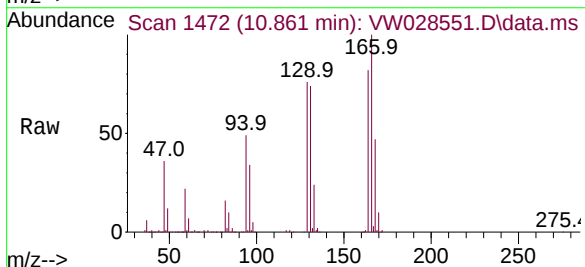
Ion Ratio Lower Upper

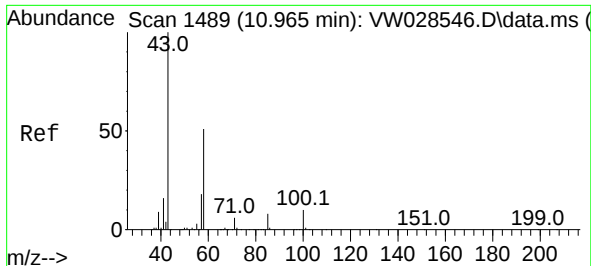
164 100

129 92.1 59.7 110.9

131 90.7 58.2 108.2

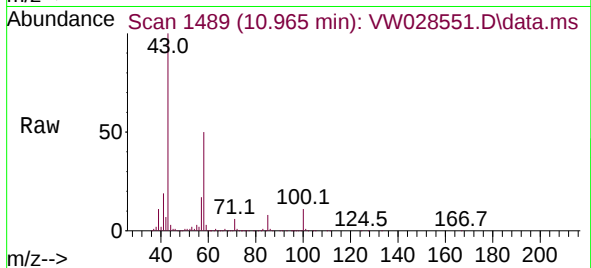
166 121.9 78.0 144.8



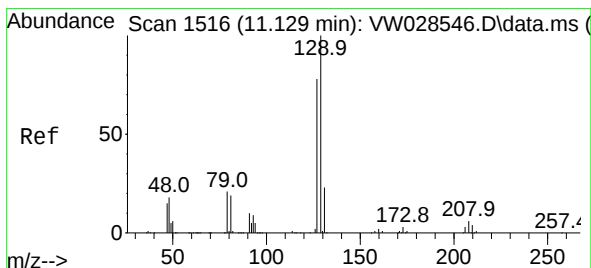
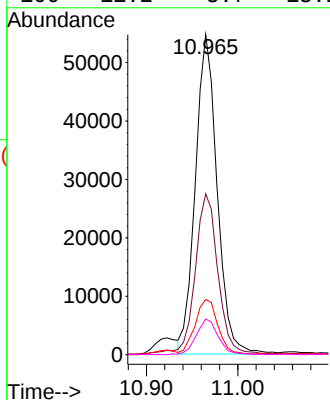
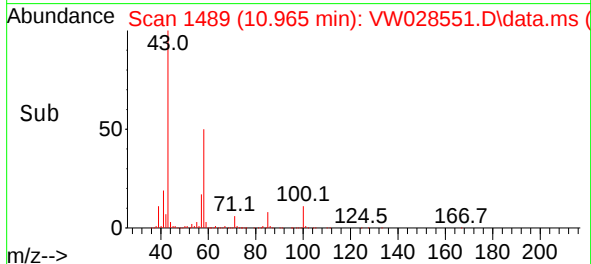


#48
2-Hexanone
Concen: 53.240 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Instrument :
MSVOA_W
ClientSampleId :

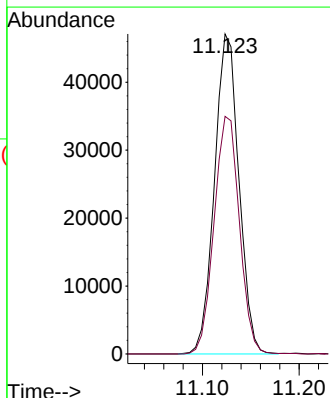
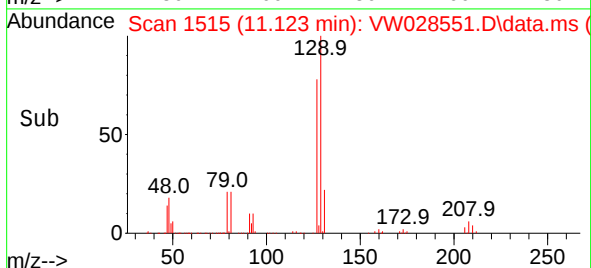
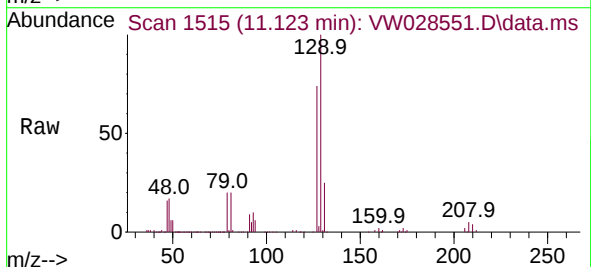


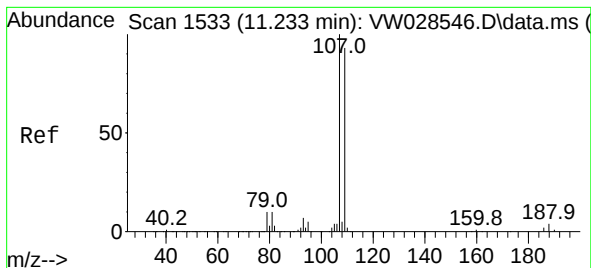
Tgt Ion: 43 Resp: 90726
Ion Ratio Lower Upper
43 100
58 51.2 38.9 58.3
57 18.0 14.4 21.6
100 11.2 8.7 13.1



#49
Dibromochloromethane
Concen: 26.648 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion: 129 Resp: 82639
Ion Ratio Lower Upper
129 100
127 74.2 53.0 98.4





#50

1,2-Dibromoethane

Concen: 26.386 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

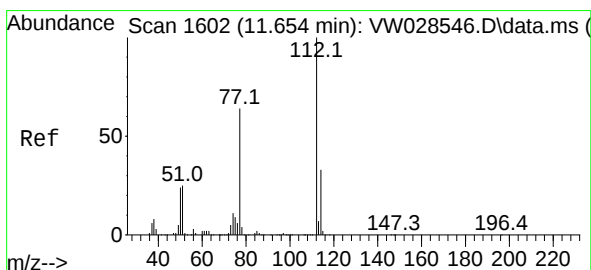
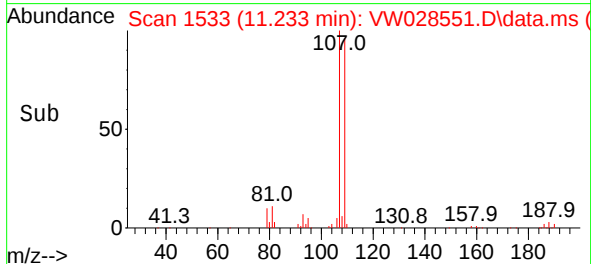
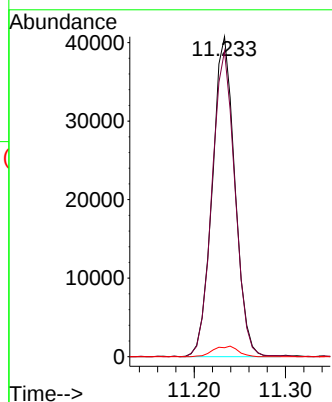
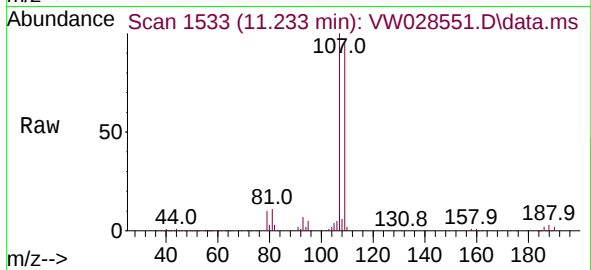
Tgt Ion:107 Resp: 69873

Ion Ratio Lower Upper

107 100

109 95.5 62.1 115.3

188 2.8 3.2 4.8#



#51

Chlorobenzene

Concen: 25.443 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

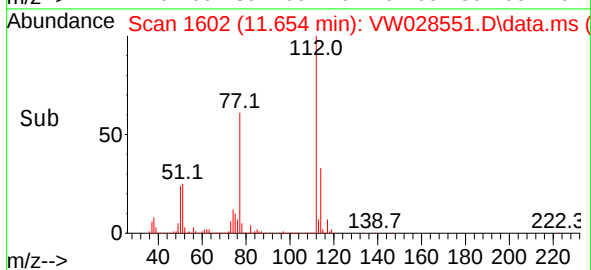
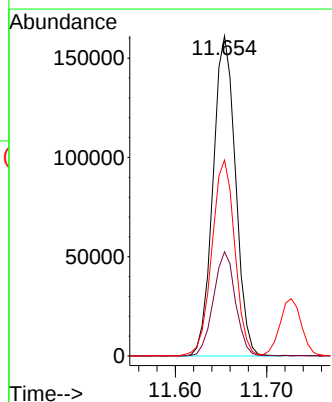
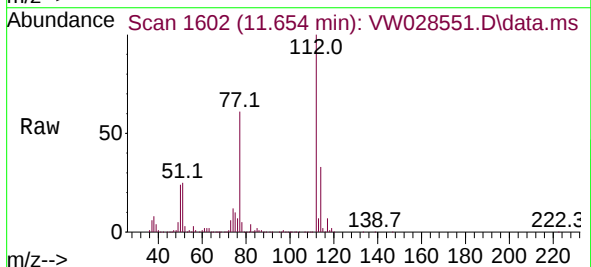
Tgt Ion:112 Resp: 275678

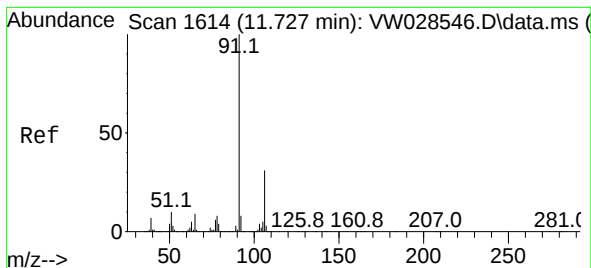
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.3

77 61.2 51.8 77.8

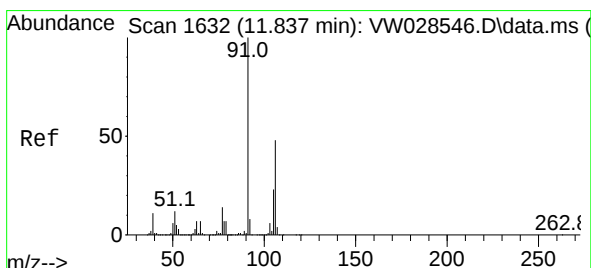
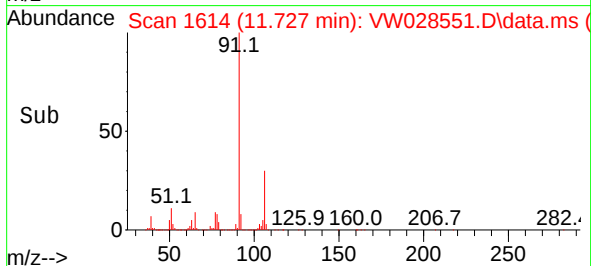
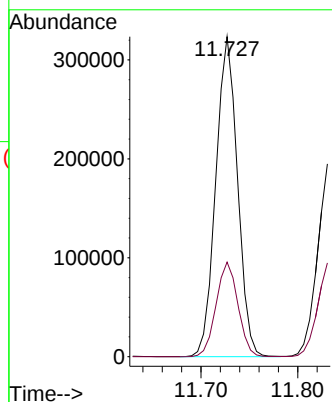
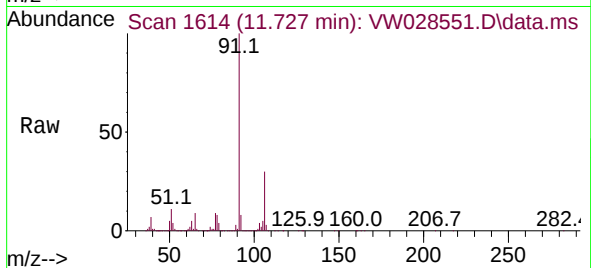




#52
Ethylbenzene
Concen: 25.524 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

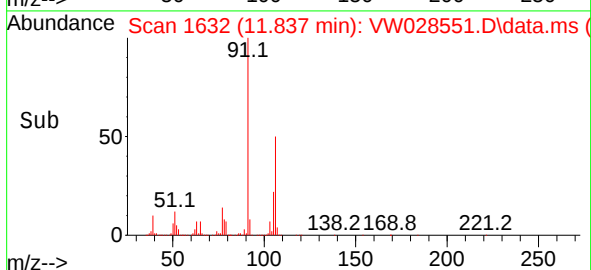
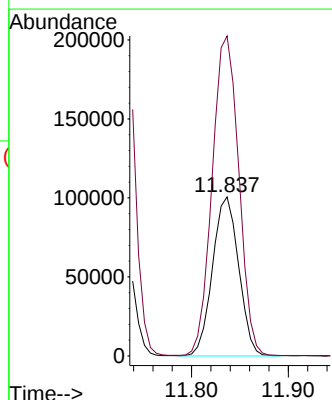
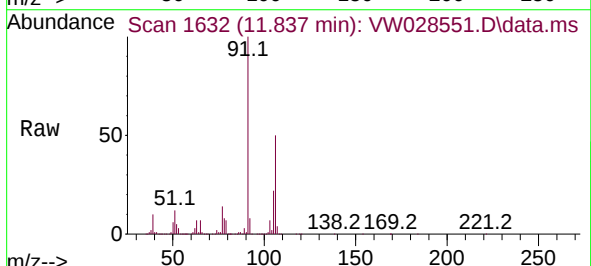
Instrument :
MSVOA_W
ClientSampleId :

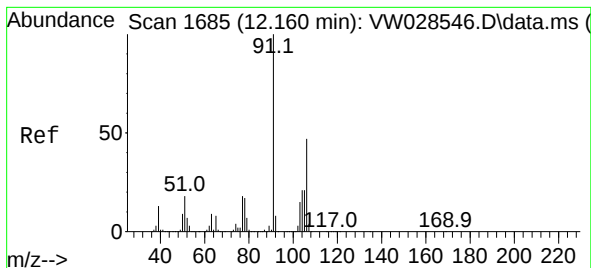
Tgt Ion: 91 Resp: 504350
Ion Ratio Lower Upper
91 100
106 29.5 21.2 39.4



#53
m,p-Xylene
Concen: 25.744 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion:106 Resp: 189173
Ion Ratio Lower Upper
106 100
91 201.1 152.4 283.0

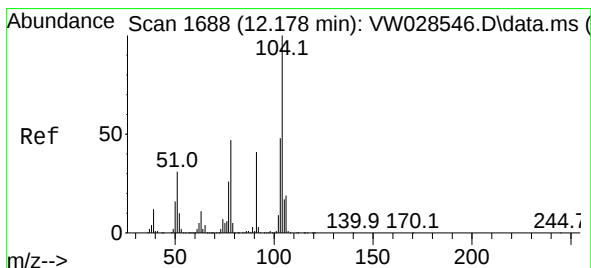
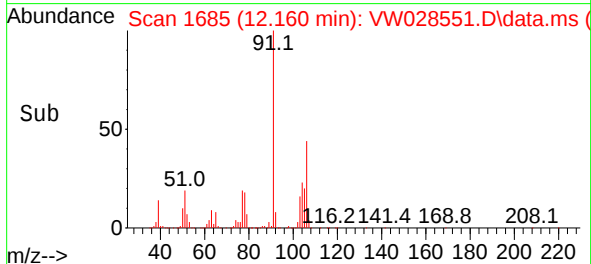
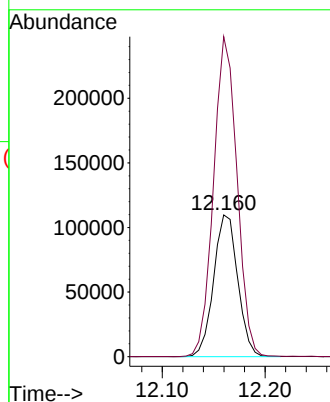
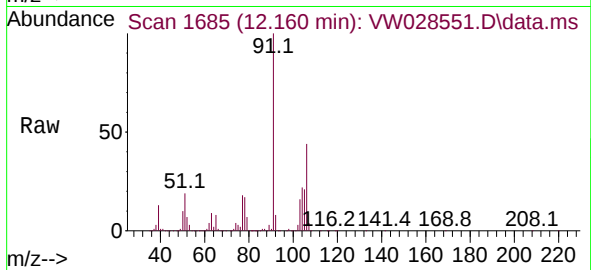




#54
o-Xylene
Concen: 26.077 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

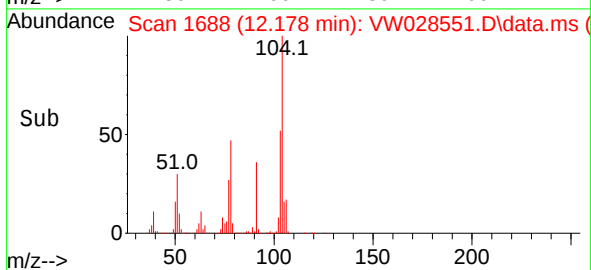
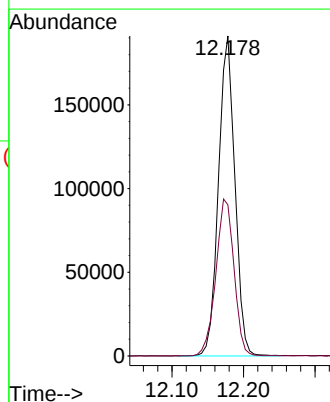
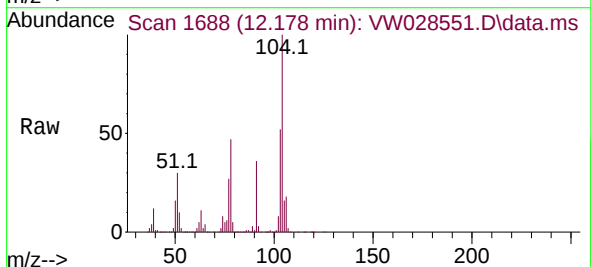
Instrument :
MSVOA_W
ClientSampleId :

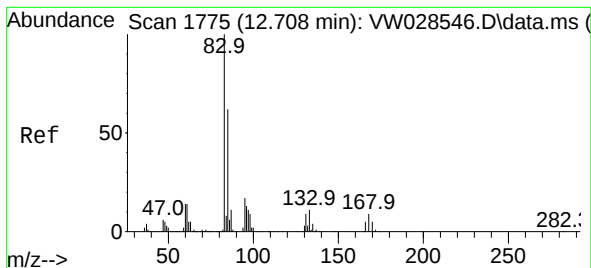
Tgt Ion:106 Resp: 178422
Ion Ratio Lower Upper
106 100
91 225.7 152.9 283.9



#55
Styrene
Concen: 26.183 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion:104 Resp: 304898
Ion Ratio Lower Upper
104 100
78 47.2 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.794 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028551.D

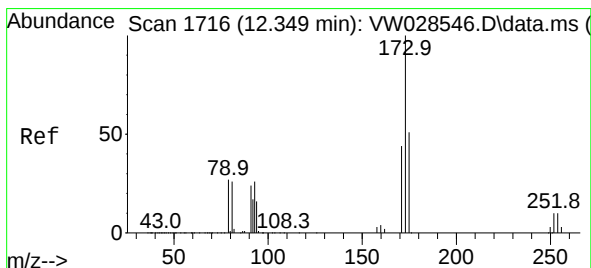
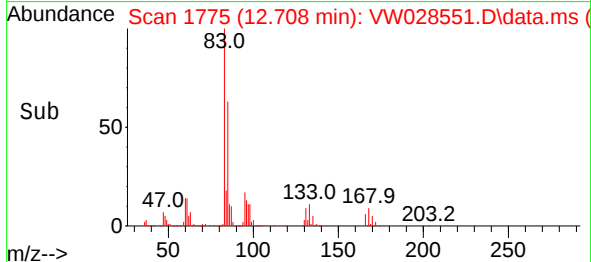
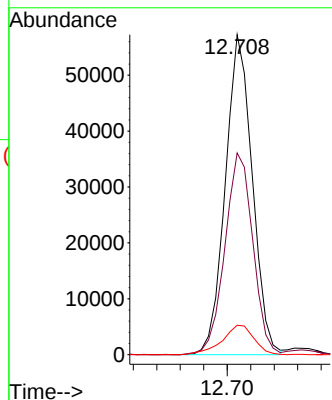
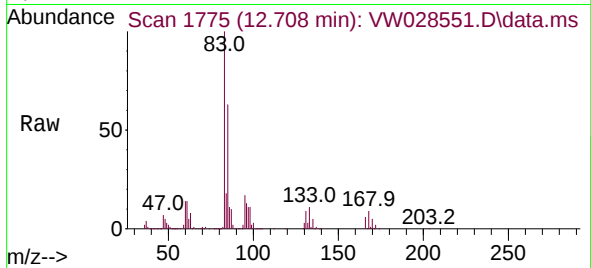
Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	91262
Ion	Ratio	Lower	Upper
83	100		
85	63.0	43.4	80.6
131	9.2	8.0	12.0



#59

Bromoform

Concen: 26.843 ug/L

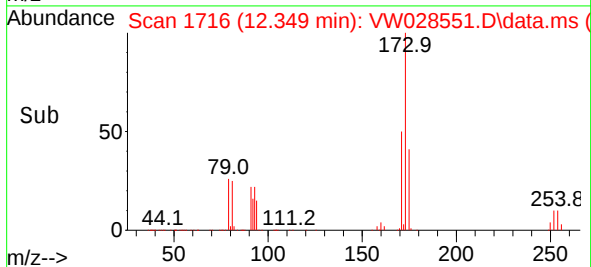
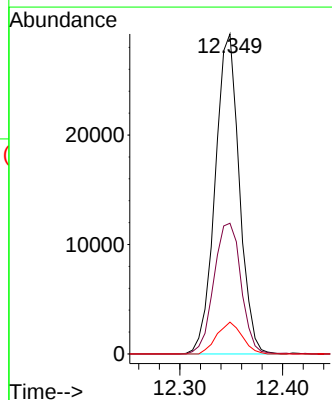
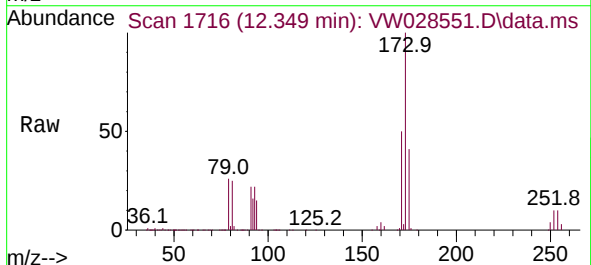
RT: 12.349 min Scan# 1716

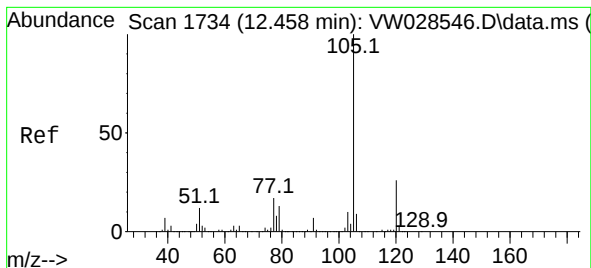
Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Tgt Ion:	173	Resp:	47652
Ion	Ratio	Lower	Upper
173	100		
175	46.0	39.2	58.8
254	10.4	8.3	12.5





#60

Isopropylbenzene

Concen: 24.844 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

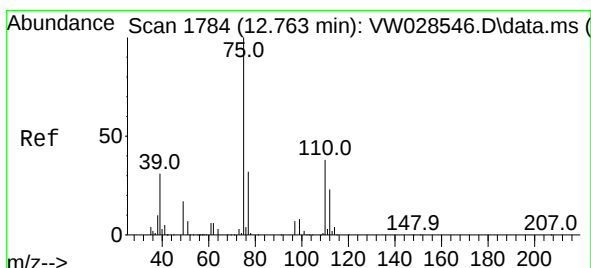
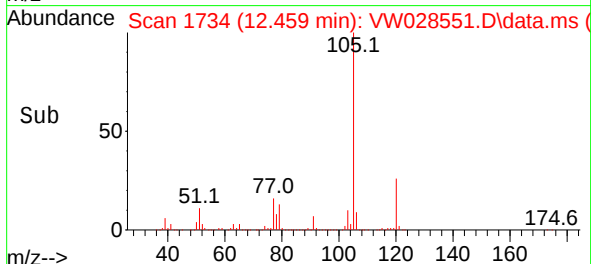
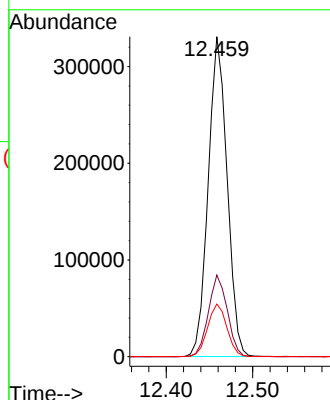
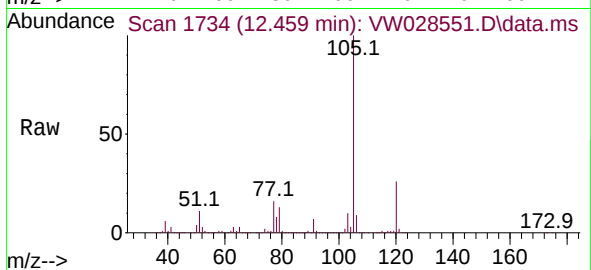
Tgt Ion:105 Resp: 500906

Ion Ratio Lower Upper

105 100

120 25.6 20.8 31.2

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.683 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

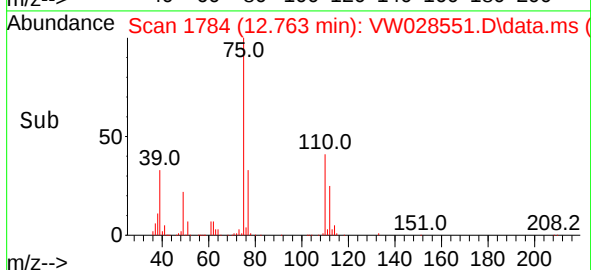
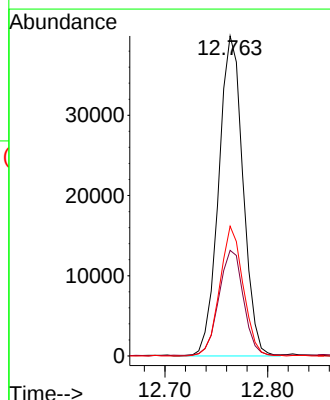
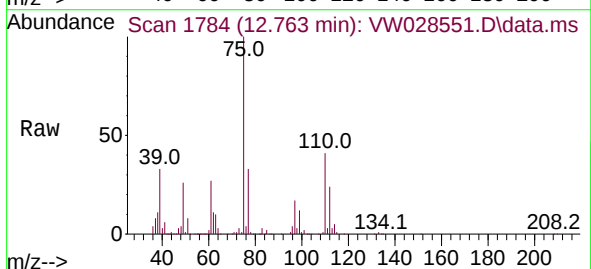
Tgt Ion: 75 Resp: 65607

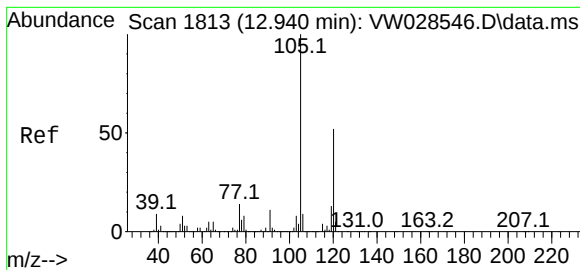
Ion Ratio Lower Upper

75 100

77 33.5 26.1 39.1

110 38.9 30.6 46.0

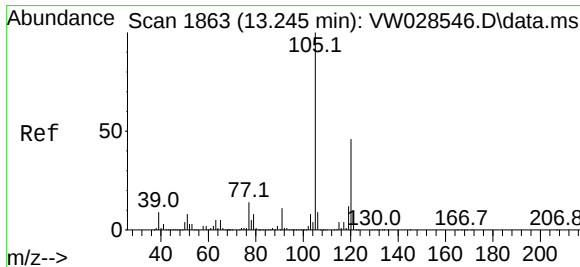
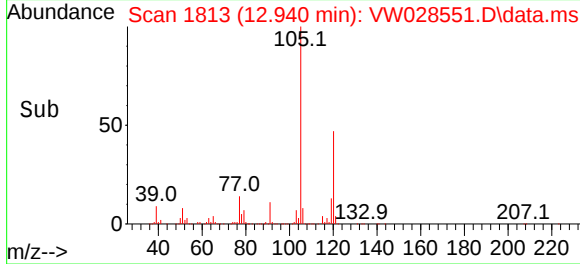
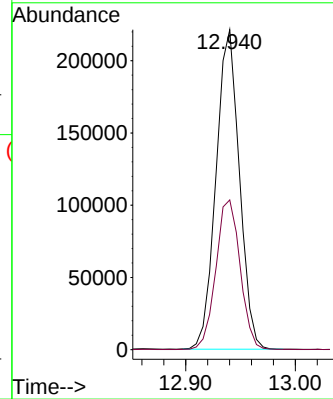
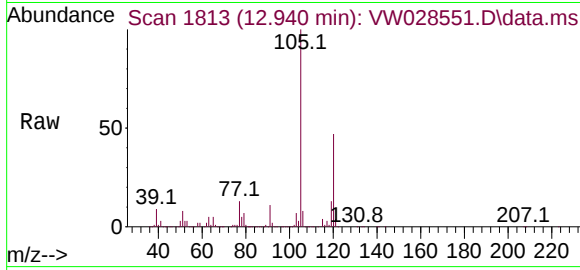




#62
1,3,5-Trimethylbenzene
Concen: 25.479 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

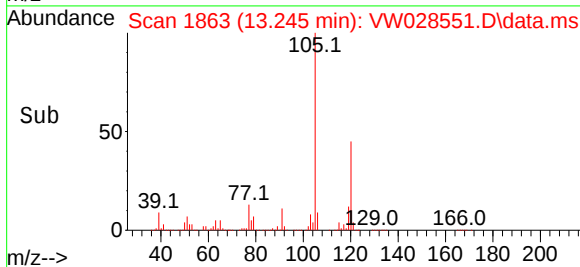
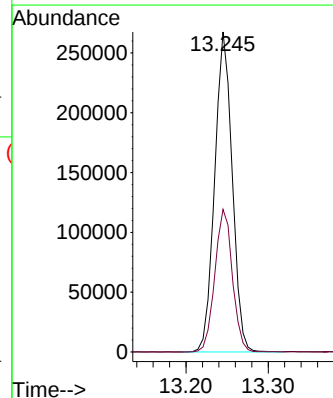
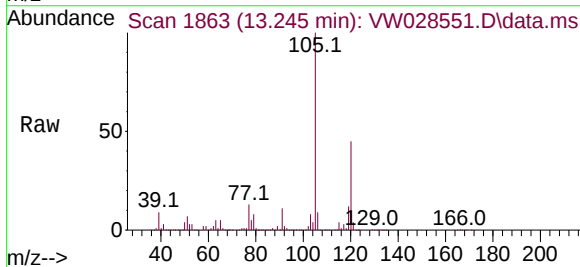
Instrument :
MSVOA_W
ClientSampleId :

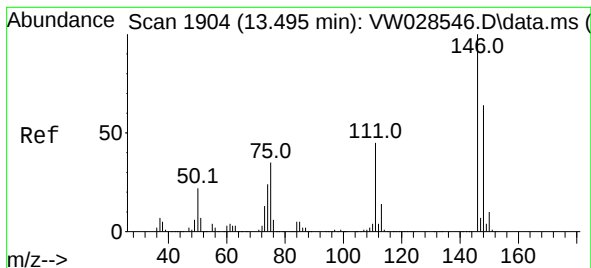
Tgt Ion:105 Resp: 327415
Ion Ratio Lower Upper
105 100
120 48.7 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 25.636 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion:105 Resp: 396461
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 24.410 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :

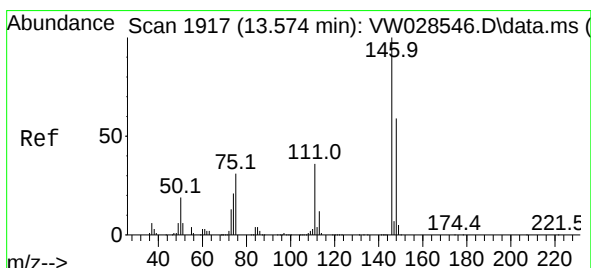
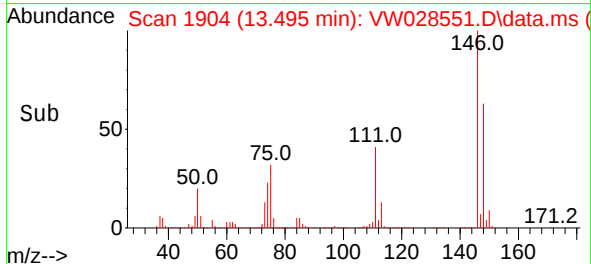
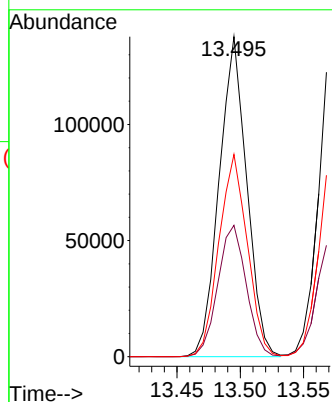
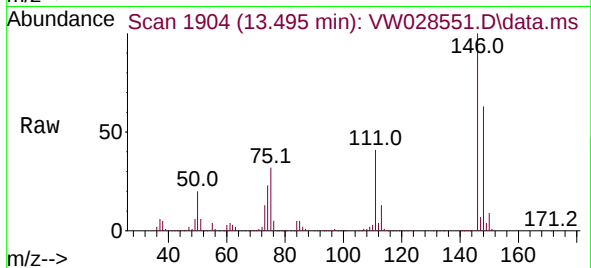
Tgt Ion:146 Resp: 208827

Ion Ratio Lower Upper

146 100

111 41.0 29.8 55.3

148 63.2 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 24.385 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

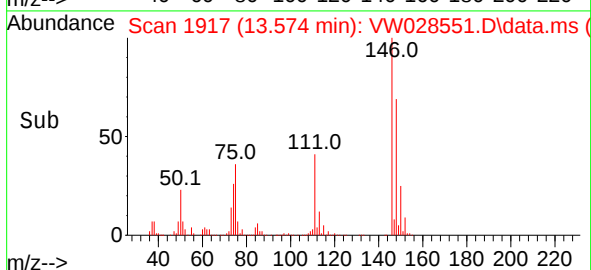
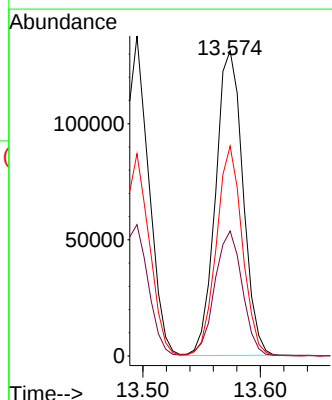
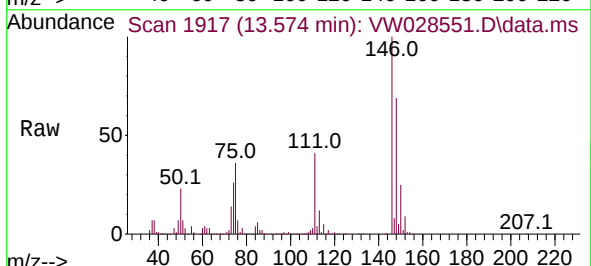
Tgt Ion:146 Resp: 212205

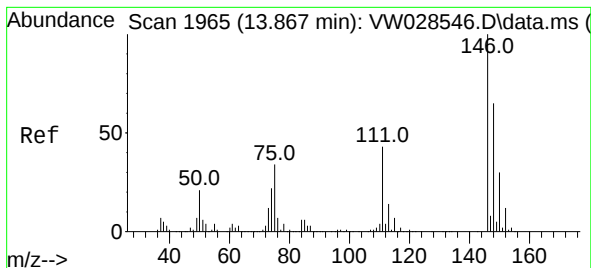
Ion Ratio Lower Upper

146 100

111 41.0 30.3 56.3

148 68.8 47.3 87.8

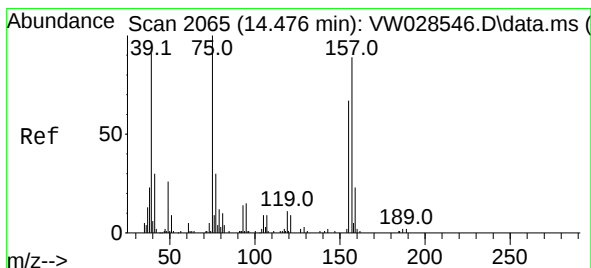
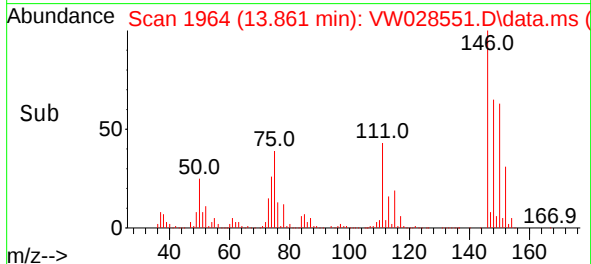
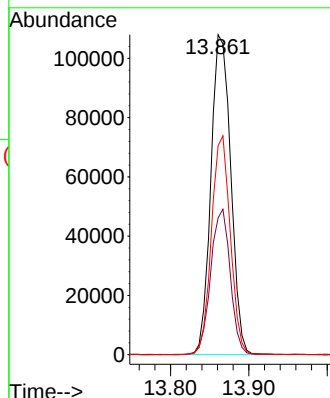
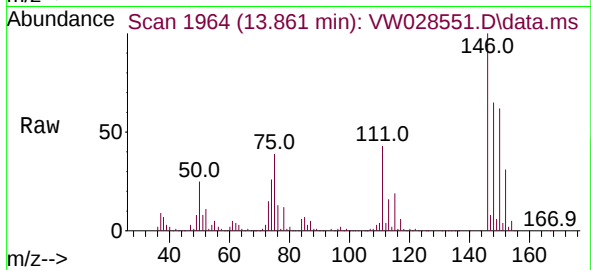




#67
1,2-Dichlorobenzene
Concen: 25.240 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

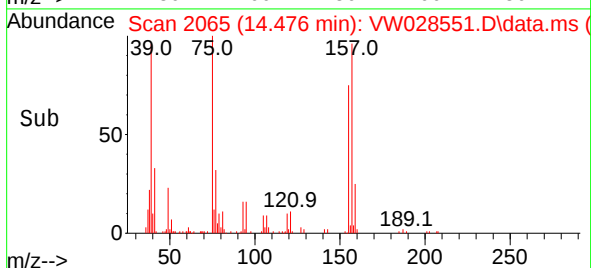
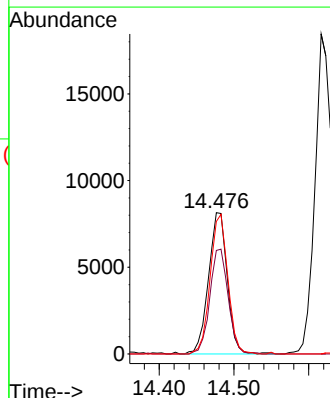
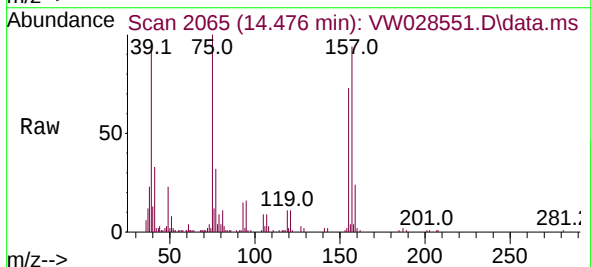
Instrument :
MSVOA_W
ClientSampleId :

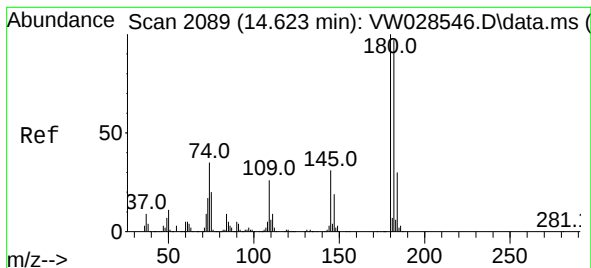
Tgt Ion:146 Resp: 189929
Ion Ratio Lower Upper
146 100
111 42.8 31.4 47.2
148 65.3 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.187 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion: 75 Resp: 14191
Ion Ratio Lower Upper
75 100
155 73.2 61.2 91.8
157 93.7 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 23.668 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

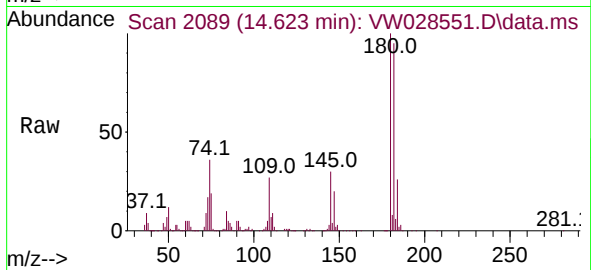
Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 139331

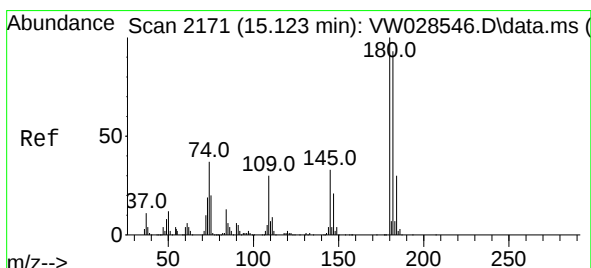
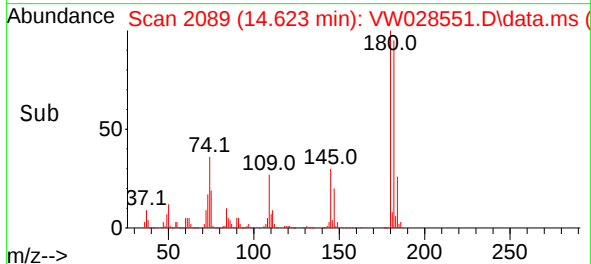
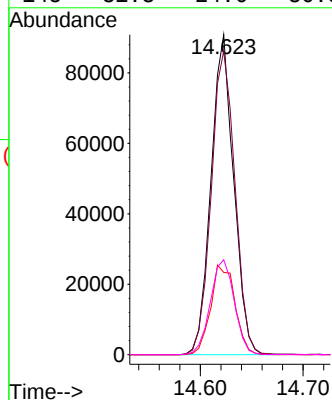
Ion Ratio Lower Upper

180 100

182 99.1 77.4 116.0

184 30.1 24.8 37.2

145 31.3 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 25.733 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028551.D

Acq: 25 Apr 2024 13:36

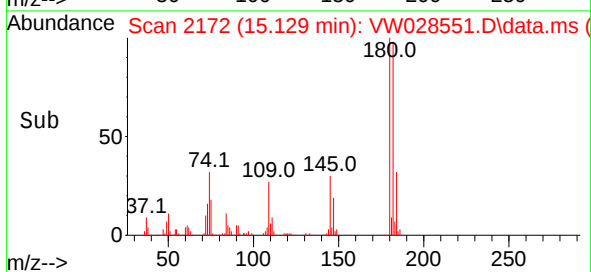
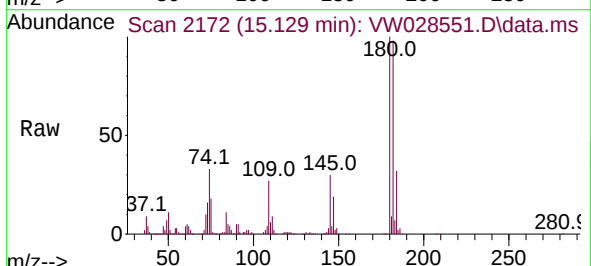
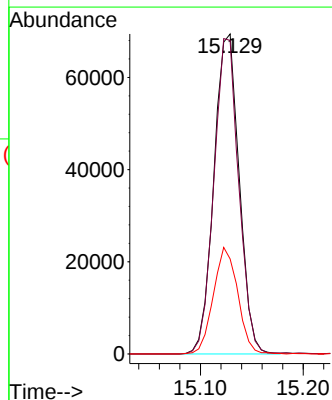
Tgt Ion:180 Resp: 118300

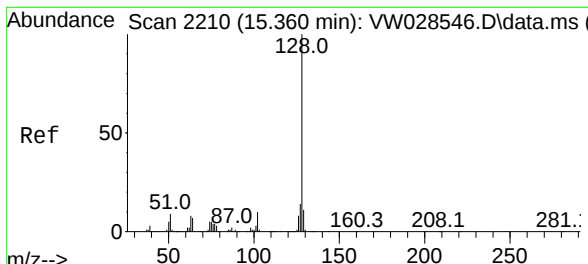
Ion Ratio Lower Upper

180 100

182 96.8 71.5 107.3

145 32.2 23.5 35.3



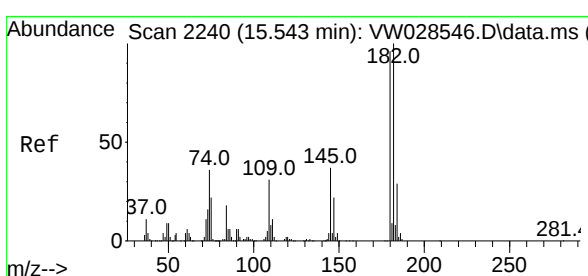
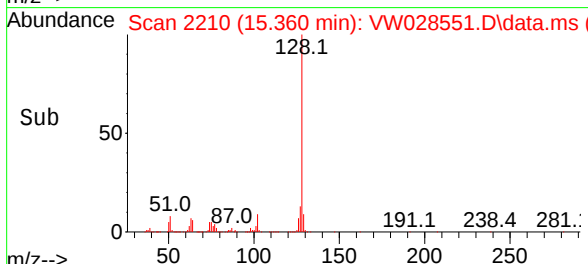
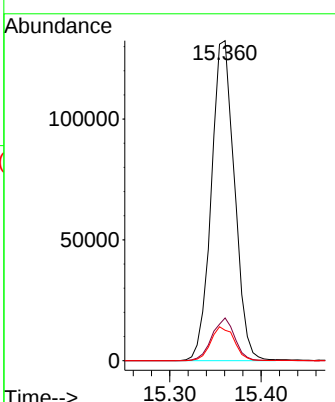
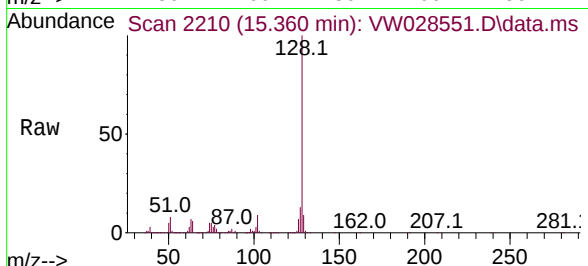


#71
Naphthalene
Concen: 28.688 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 233402

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.120 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW028551.D
Acq: 25 Apr 2024 13:36

Tgt Ion:180 Resp: 106553

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.7	113.5
145	34.1	26.2	39.4

