

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028197.D
 Acq On : 14 Mar 2024 22:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 02:02:49 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	178425	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	165852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86845	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	50091	23.994	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.960%
7) Chloroethane-d5	2.893	69	37523	25.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.920%
11) 1,1-Dichloroethene-d2	4.015	65	35570	26.868	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.480%
21) 2-Butanone-d5	7.106	46	31841	51.712	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.420%
24) Chloroform-d	7.648	84	159765	30.366	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.480%
26) 1,2-Dichloroethane-d4	8.307	65	85708	29.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.240%
32) Benzene-d6	8.270	84	304927	30.114	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.440%
36) 1,2-Dichloropropane-d6	9.270	67	86694	29.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.000%
41) Toluene-d8	10.319	98	283234	30.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.320%
43) trans-1,3-Dichloroprop...	10.575	79	37541	28.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.440%
47) 2-Hexanone-d5	10.922	63	26607	55.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62569	29.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	96080	30.370	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.480%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	58707	22.682	ug/L	94
3) Chloromethane	2.216	50	38516	20.981	ug/L	97
5) Vinyl chloride	2.363	62	45349	21.854	ug/L	99
6) Bromomethane	2.783	94	29151	23.588	ug/L	90
8) Chloroethane	2.924	64	24958	22.377	ug/L	97
9) Trichlorofluoromethane	3.253	101	60605	24.156	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	60834	24.408	ug/L	94
12) 1,1-Dichloroethene	4.033	96	56733	24.623	ug/L	86
14) Carbon disulfide	4.381	76	172203	23.963	ug/L	99
16) Methylene chloride	4.917	84	61811	22.761	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	60735	24.804	ug/L	94
18) Methyl tert-butyl Ether	5.435	73	94422	25.559	ug/L	99
19) 1,1-Dichloroethane	6.216	63	121067	25.540	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	67870	25.665	ug/L	98
22) 2-Butanone	7.191	43	29495	37.999	ug/L	95
23) Bromochloromethane	7.514	128	28900	24.720	ug/L	95
25) Chloroform	7.679	83	126140	25.848	ug/L	99
27) 1,2-Dichloroethane	8.398	62	86232	25.022	ug/L	98
29) Cyclohexane	7.953	56	104353	24.123	ug/L	99

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 Response via : Initial Calibration

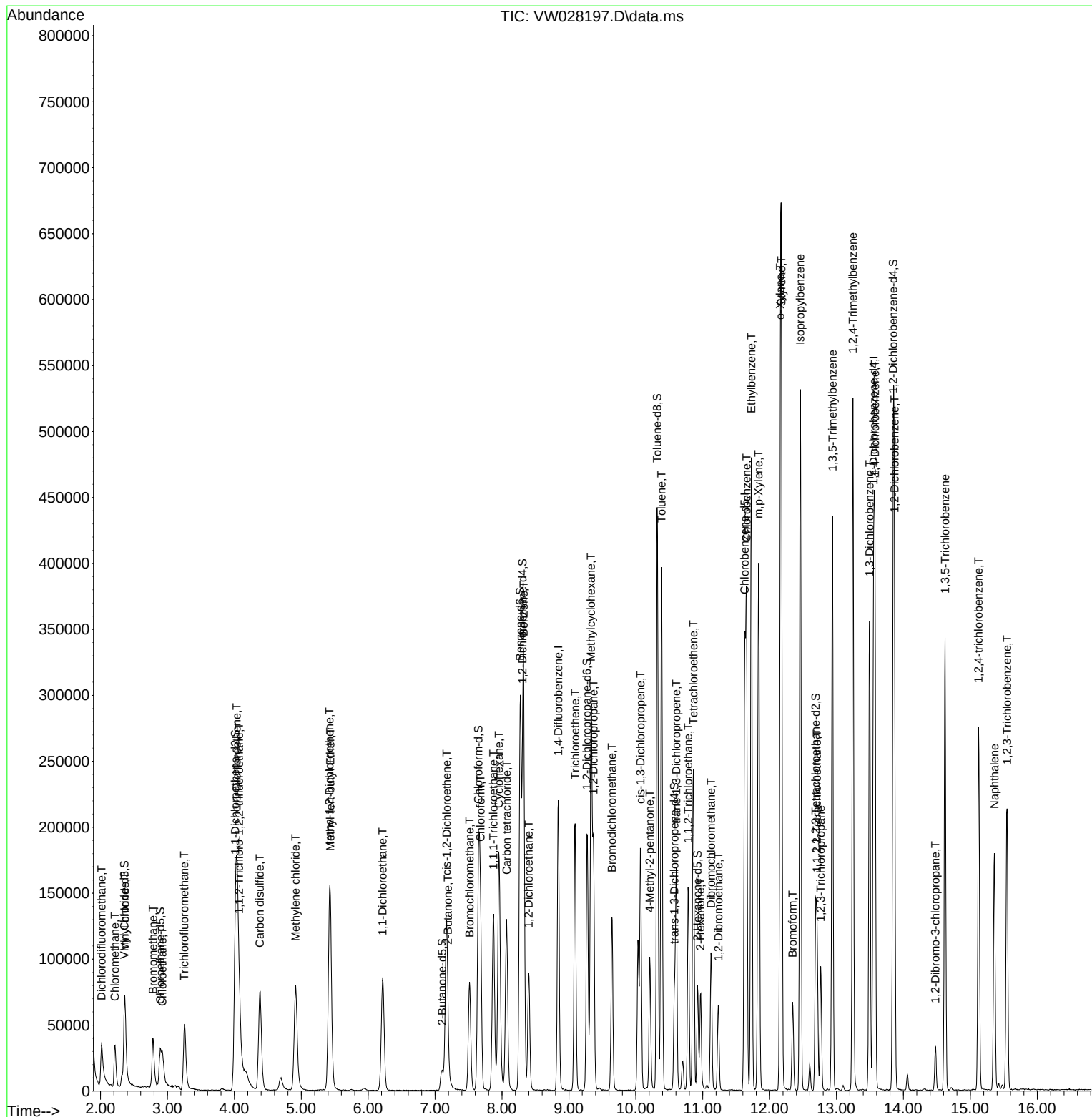
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.874	97	108192	24.886	ug/L	98
31) Carbon tetrachloride	8.069	117	98442	24.140	ug/L	99
33) Benzene	8.325	78	259472	25.424	ug/L	100
34) Trichloroethene	9.093	95	70693	24.828	ug/L	97
35) Methylcyclohexane	9.331	83	116412	24.188	ug/L	100
37) 1,2-Dichloropropane	9.368	63	65833	25.219	ug/L	99
38) Bromodichloromethane	9.642	83	88303	25.090	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	105264	25.180	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	65589	45.519	ug/L	99
42) Toluene	10.386	91	279951	25.134	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	88842	25.171	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	46222	24.507	ug/L	95
46) Tetrachloroethene	10.861	164	53915	23.490	ug/L	91
48) 2-Hexanone	10.965	43	47868	42.409	ug/L	97
49) Dibromochloromethane	11.123	129	54522	24.409	ug/L	96
50) 1,2-Dibromoethane	11.233	107	43960	24.376	ug/L	99
51) Chlorobenzene	11.654	112	181106	25.617	ug/L	99
52) Ethylbenzene	11.727	91	332824	25.597	ug/L	99
53) m,p-Xylene	11.837	106	122594	25.055	ug/L	99
54) o-Xylene	12.160	106	117948	25.994	ug/L	100
55) Styrene	12.178	104	200129	25.677	ug/L	99
57) 1,1,1,2,2-Tetrachloroethane	12.708	83	52187	24.191	ug/L	98
59) Bromoform	12.343	173	30268	23.259	ug/L	99
60) Isopropylbenzene	12.458	105	339255	26.292	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	38092	22.982	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	224548	25.936	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	272019	26.021	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	143786	24.978	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	146907	25.522	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	126790	25.577	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	8753	22.481	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	101362	25.279	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	85038	24.964	ug/L	97
71) Naphthalene	15.360	128	150539	25.747	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71881	25.597	ug/L	99

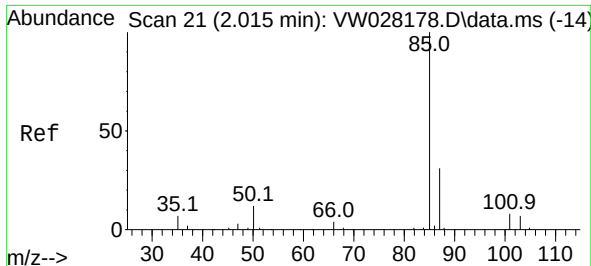
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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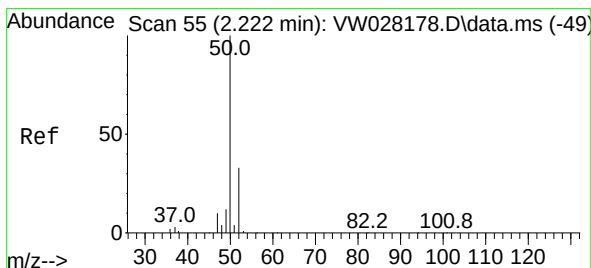
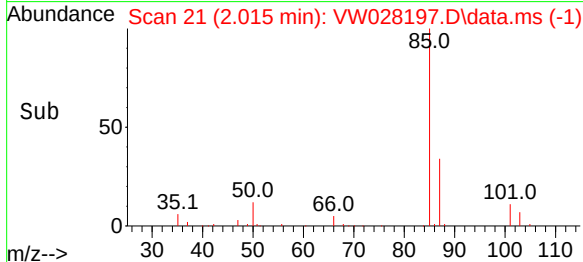
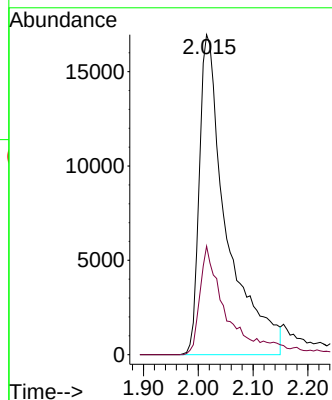
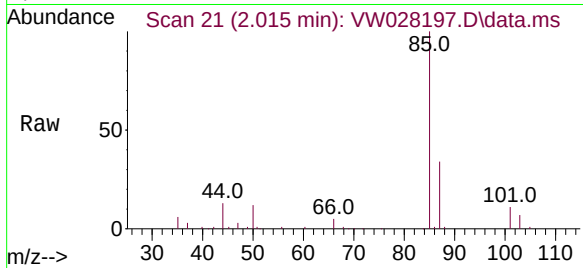




#2
 Dichlorodifluoromethane
 Concen: 22.682 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028197.D
 Acq: 14 Mar 2024 22:36

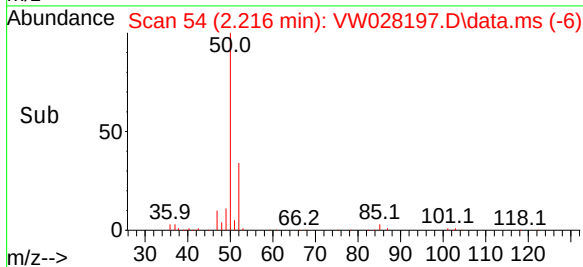
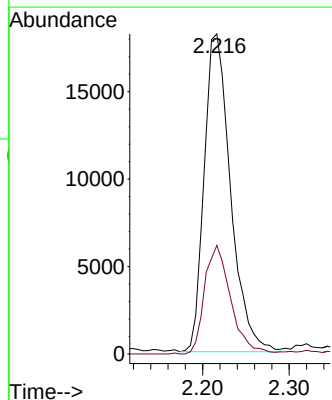
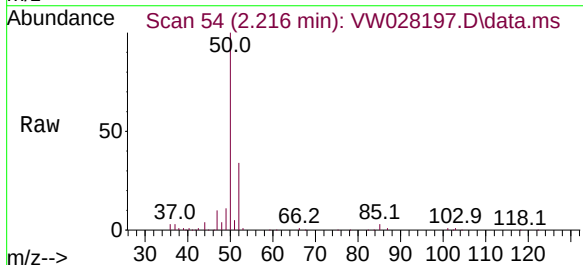
Instrument :
 MSVOA_W
 ClientSampleId :

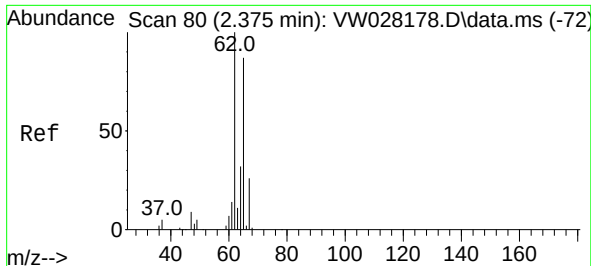
Tgt Ion: 85 Resp: 58707
 Ion Ratio Lower Upper
 85 100
 87 28.9 20.9 31.3



#3
 Chloromethane
 Concen: 20.981 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW028197.D
 Acq: 14 Mar 2024 22:36

Tgt Ion: 50 Resp: 38516
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.7 42.1





#5

Vinyl chloride

Concen: 21.854 ug/L

RT: 2.363 min Scan# 71

Delta R.T. -0.012 min MSVOA_W

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

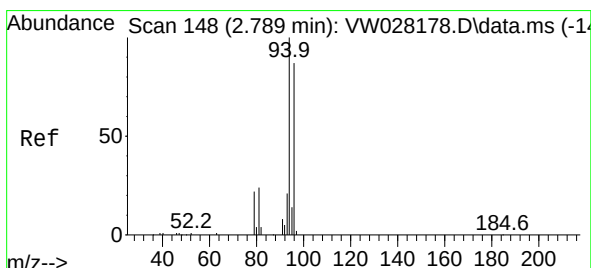
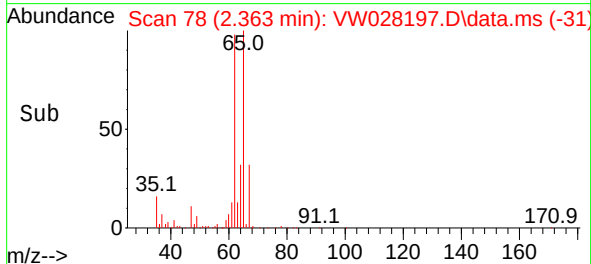
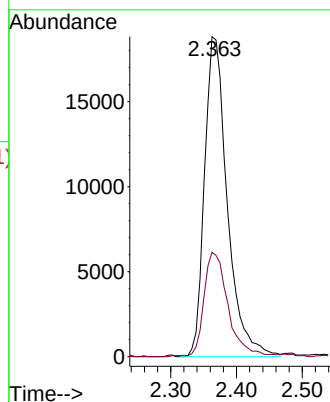
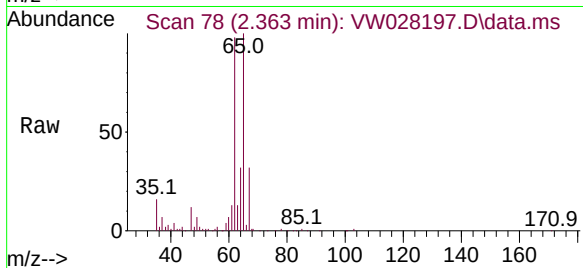
ClientSampleId :

Tgt Ion: 62 Resp: 45349

Ion Ratio Lower Upper

62 100

64 32.7 22.5 41.7



#6

Bromomethane

Concen: 23.588 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW028197.D

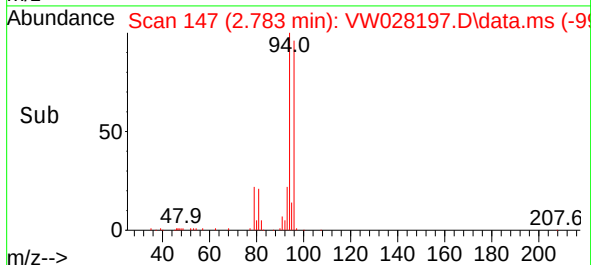
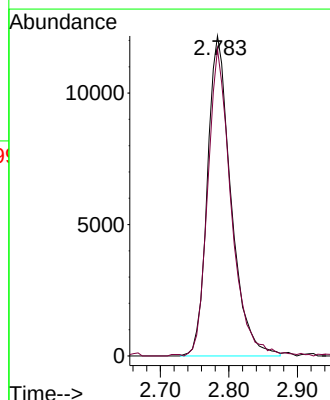
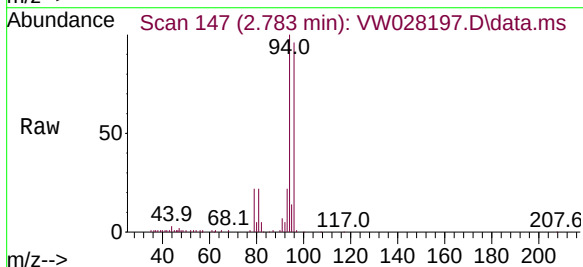
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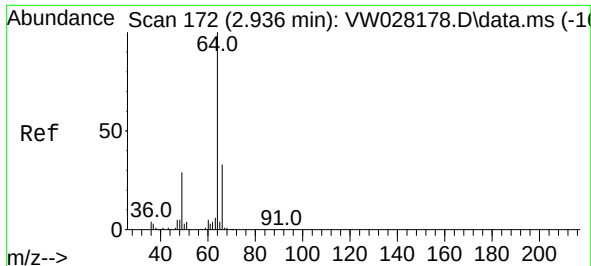
Tgt Ion: 94 Resp: 29151

Ion Ratio Lower Upper

94 100

96 95.9 60.8 113.0

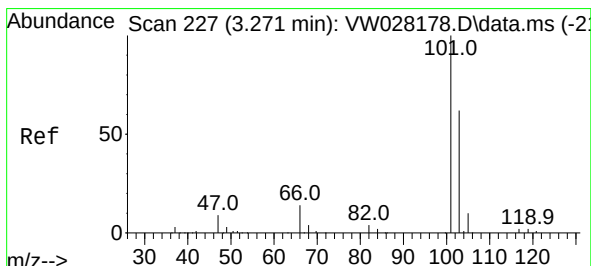
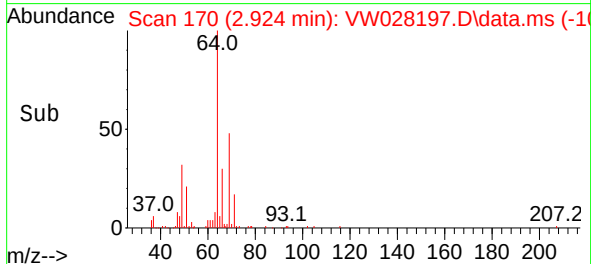
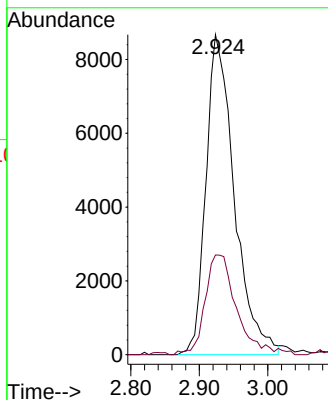
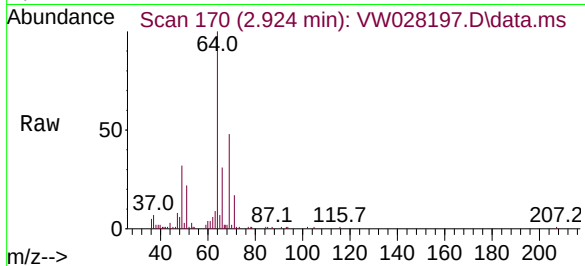




#8
Chloroethane
Concen: 22.377 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

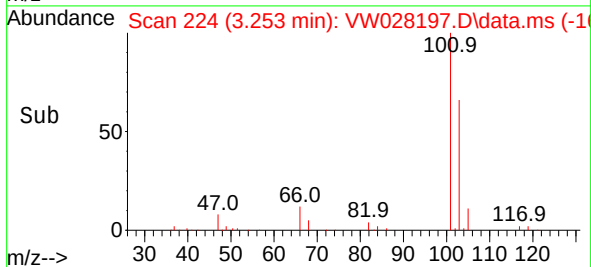
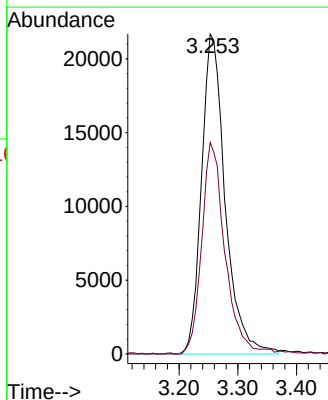
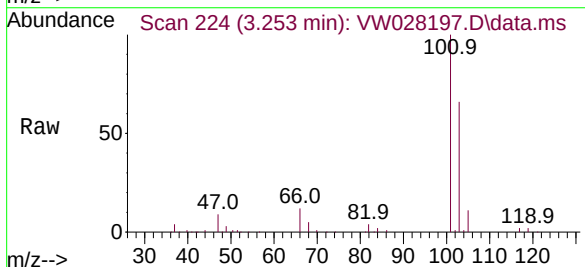
Instrument :
MSVOA_W
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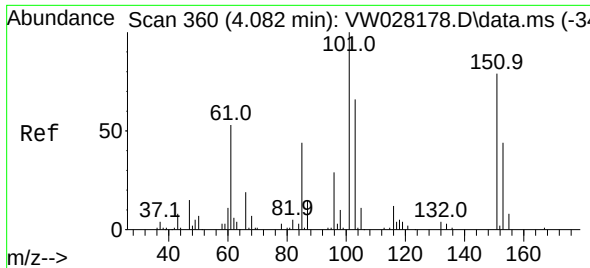
Tgt Ion: 64 Resp: 24958
Ion Ratio Lower Upper
64 100
66 31.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.156 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.018 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion:101 Resp: 60605
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3





#10

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

Concen: 24.408 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

ClientSampleId :

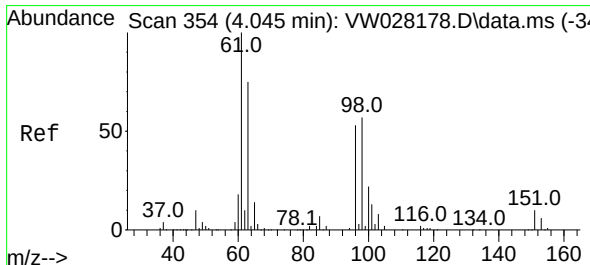
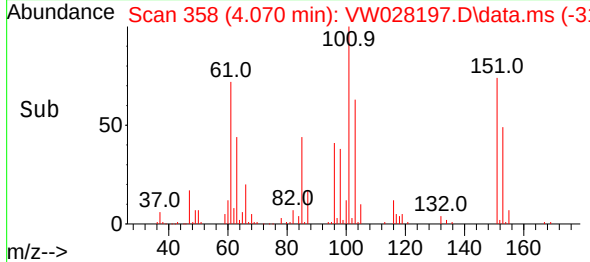
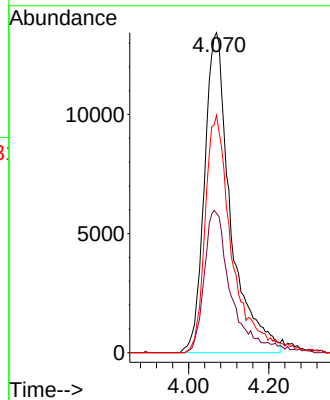
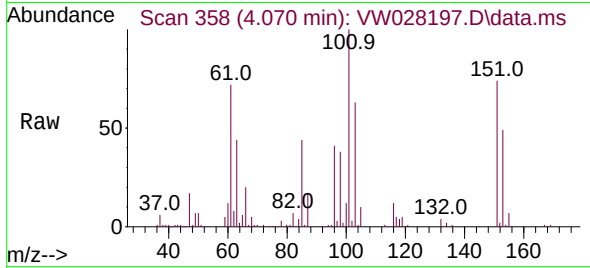
Tgt Ion:101 Resp: 60834

Ion Ratio Lower Upper

101 100

85 41.5 36.4 54.6

151 67.9 58.4 87.6



#12

1,1-Dichloroethene

Concen: 24.623 ug/L

RT: 4.033 min Scan# 352

Delta R.T. -0.012 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

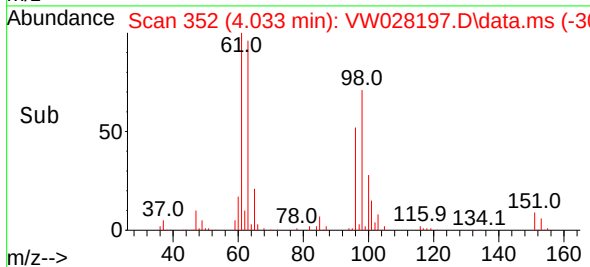
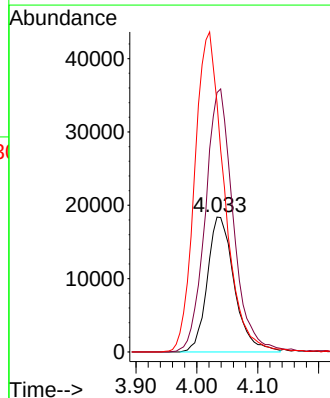
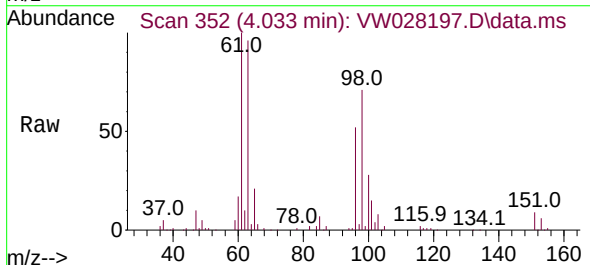
Tgt Ion: 96 Resp: 56733

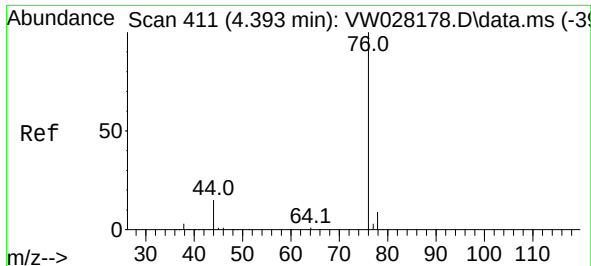
Ion Ratio Lower Upper

96 100

61 192.4 132.2 245.4

63 184.9 104.6 194.2

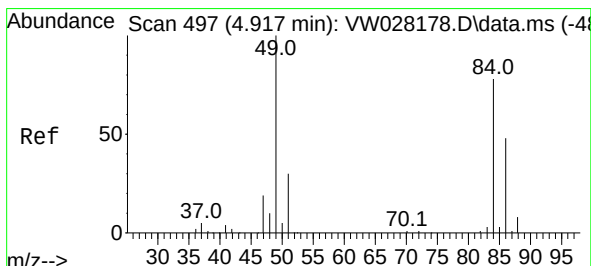
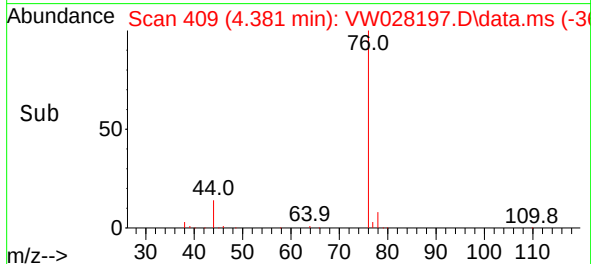
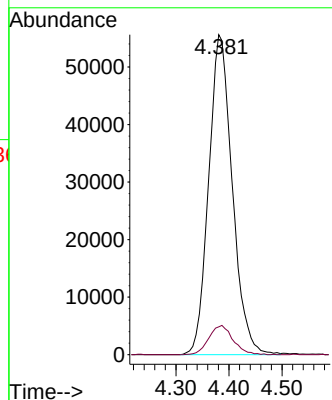
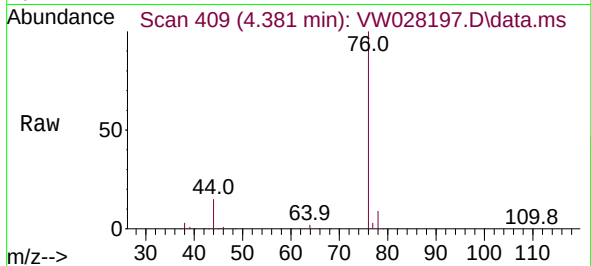




#14
Carbon disulfide
Concen: 23.963 ug/L
RT: 4.381 min Scan# 411
Delta R.T. -0.012 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

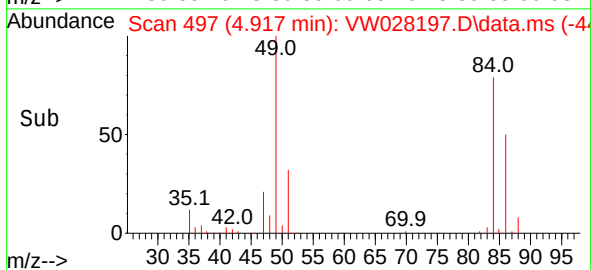
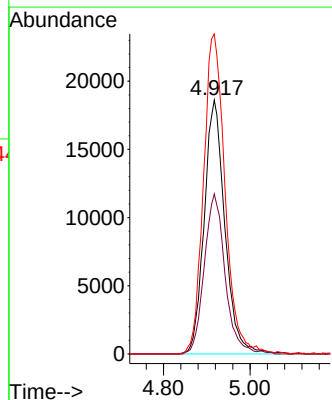
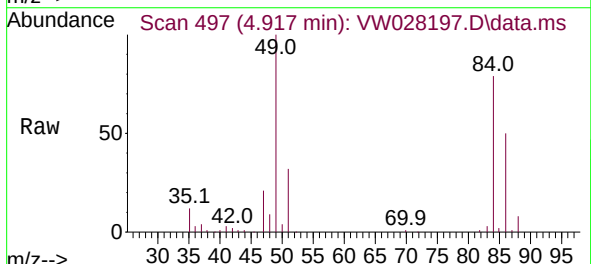
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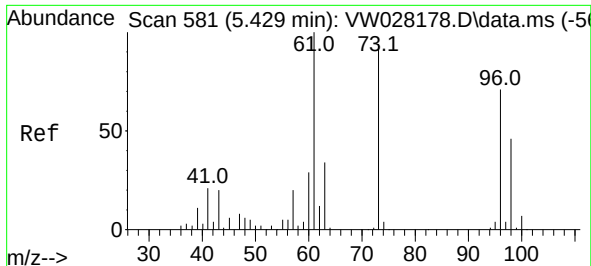
Tgt Ion: 76 Resp: 172203
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#16
Methylene chloride
Concen: 22.761 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion: 84 Resp: 61811
Ion Ratio Lower Upper
84 100
86 63.0 43.1 80.1
49 126.0 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 24.804 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

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ClientSampleId :

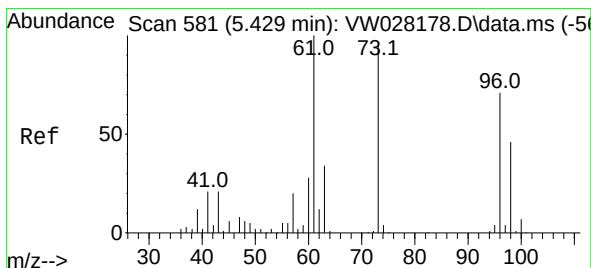
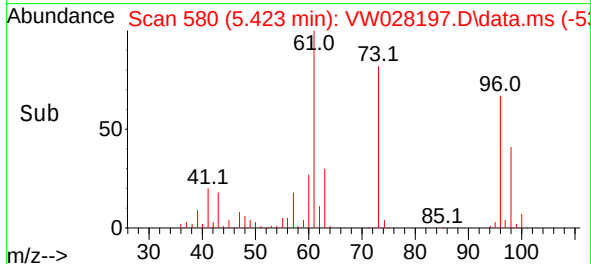
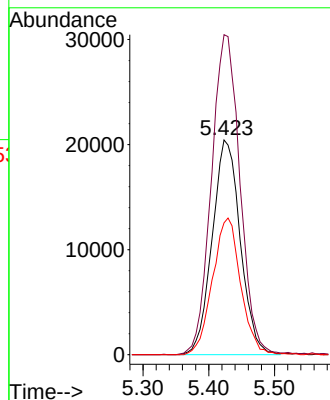
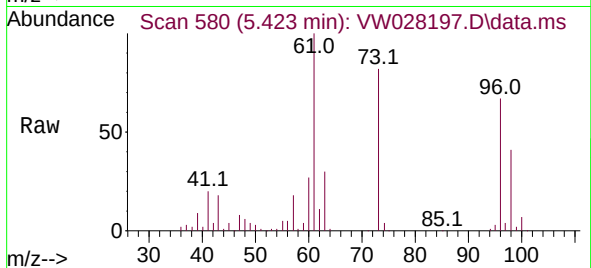
Tgt Ion: 96 Resp: 60735

Ion Ratio Lower Upper

96 100

61 149.0 98.4 182.8

98 61.4 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 25.559 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

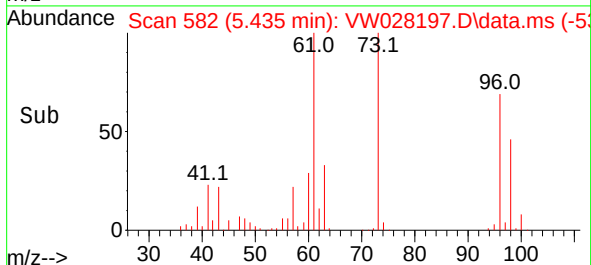
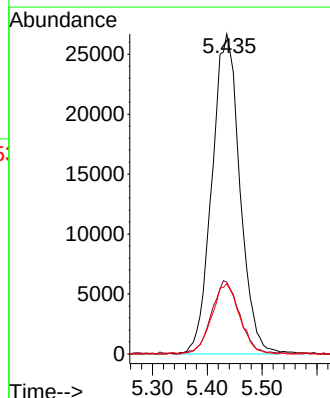
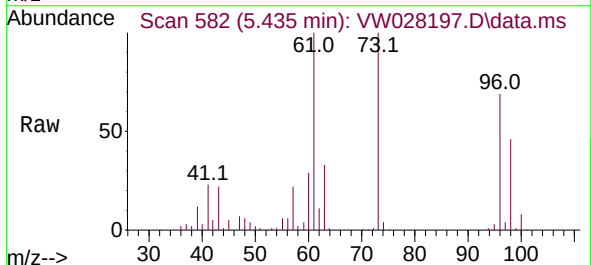
Tgt Ion: 73 Resp: 94422

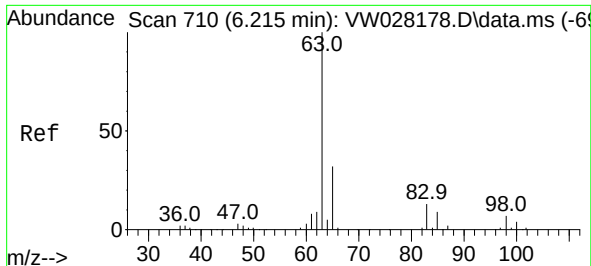
Ion Ratio Lower Upper

73 100

43 21.9 18.2 27.4

57 22.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 25.540 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

ClientSampleId :

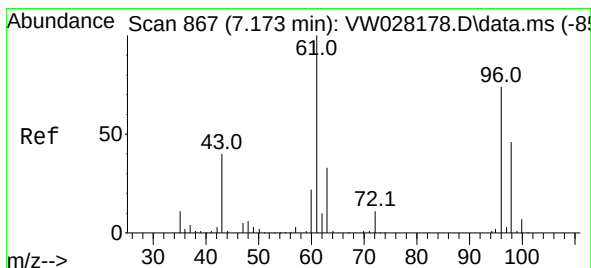
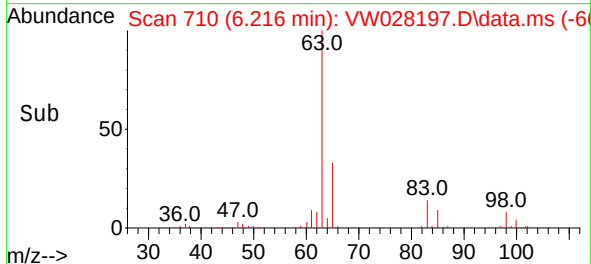
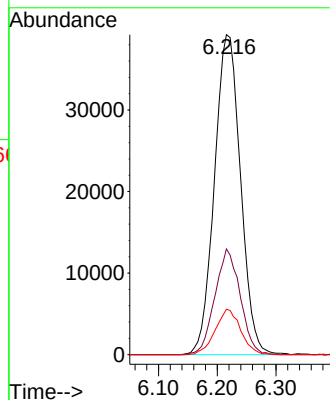
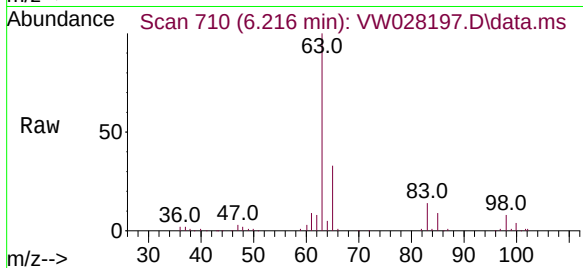
Tgt Ion: 63 Resp: 121067

Ion Ratio Lower Upper

63 100

65 33.1 22.1 41.1

83 14.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.665 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

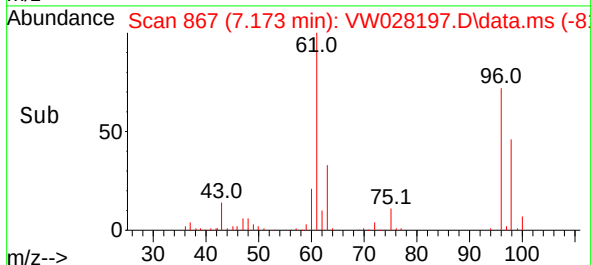
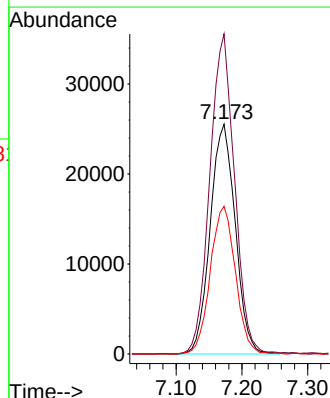
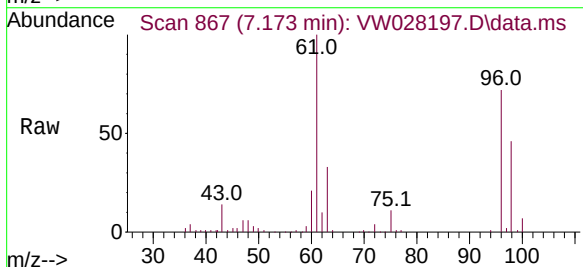
Tgt Ion: 96 Resp: 67870

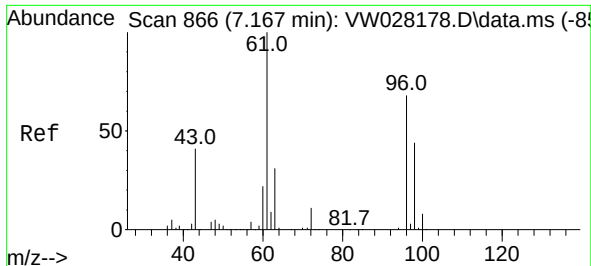
Ion Ratio Lower Upper

96 100

61 139.3 95.7 177.7

98 64.3 43.9 81.5

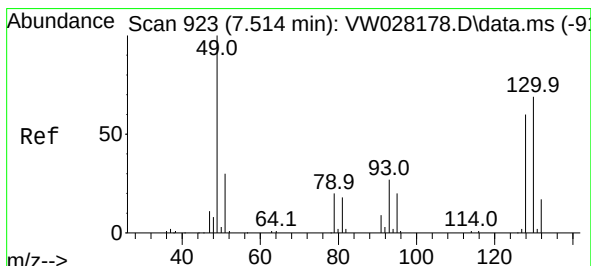
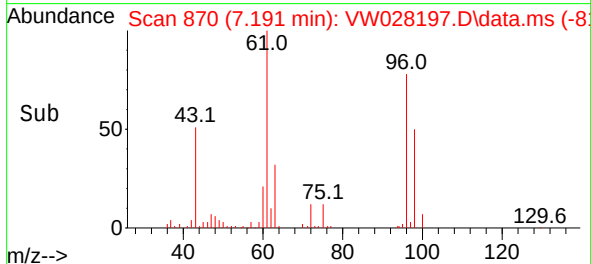
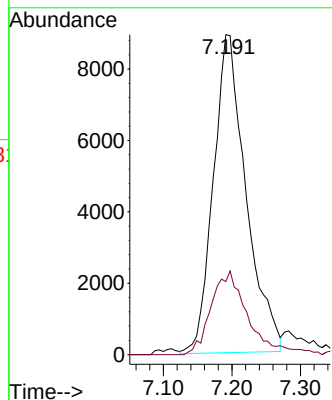
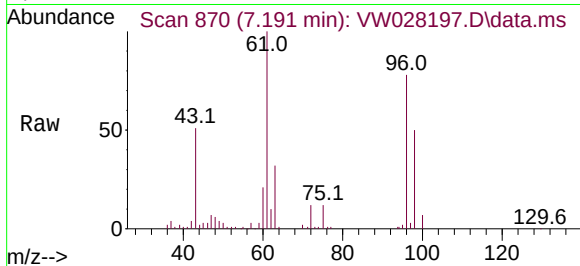




#22
2-Butanone
Concen: 37.999 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.025 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

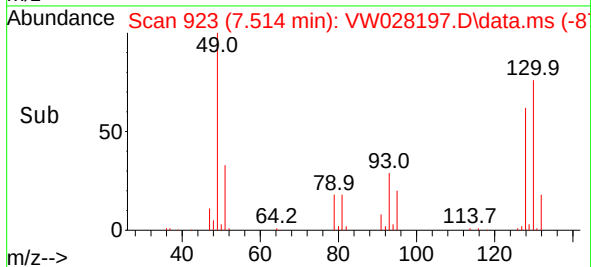
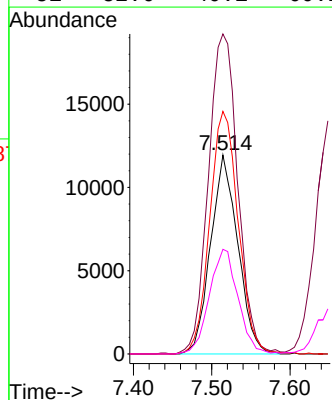
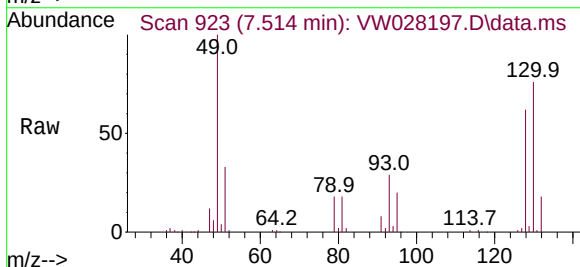
Instrument :
MSVOA_W
ClientSampleId :

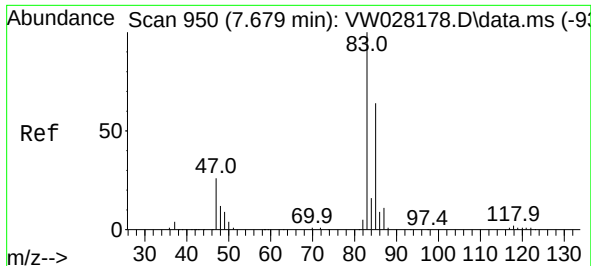
Tgt Ion: 43 Resp: 29495
Ion Ratio Lower Upper
43 100
72 28.0 12.8 38.4



#23
Bromochloromethane
Concen: 24.720 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion: 128 Resp: 28900
Ion Ratio Lower Upper
128 100
49 160.9 116.6 216.6
130 122.0 80.1 148.7
51 52.6 40.1 60.1





#25

Chloroform

Concen: 25.848 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

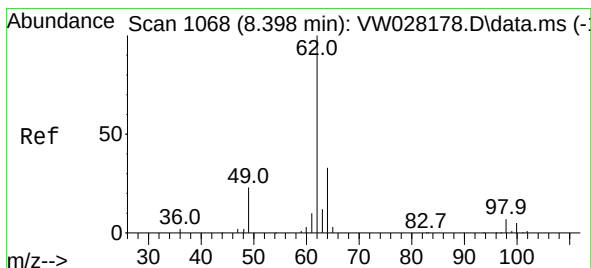
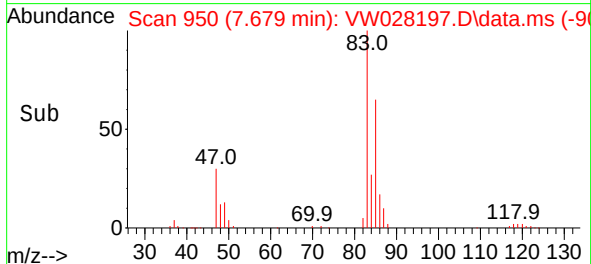
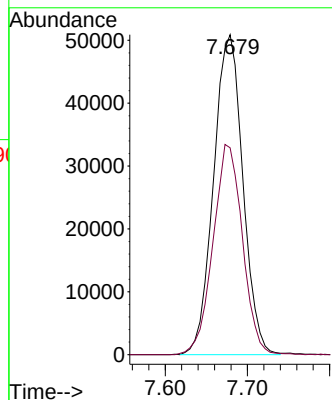
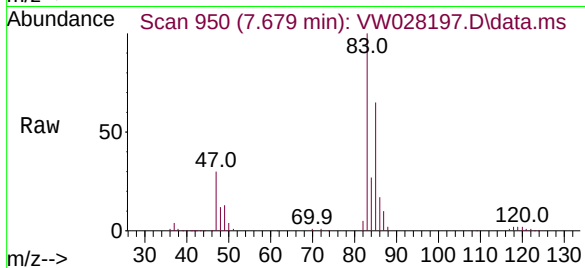
ClientSampleId :

Tgt Ion: 83 Resp: 126140

Ion Ratio Lower Upper

83 100

85 64.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 25.022 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028197.D

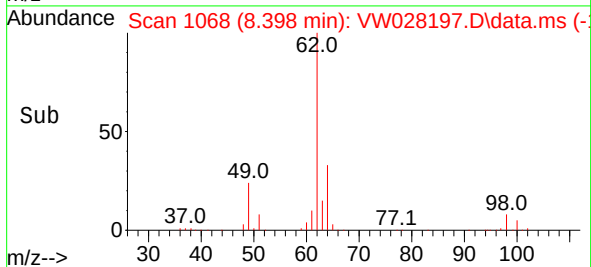
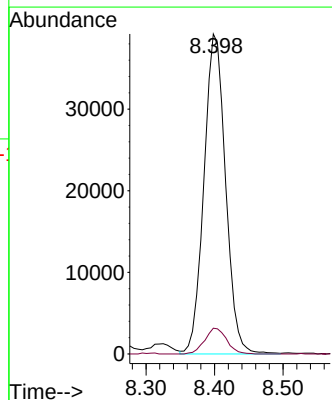
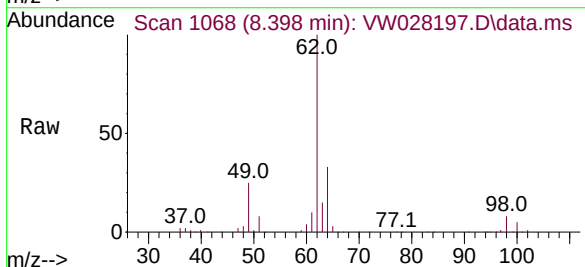
Acq: 14 Mar 2024 22:36

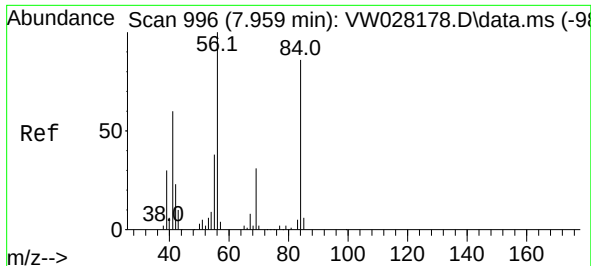
Tgt Ion: 62 Resp: 86232

Ion Ratio Lower Upper

62 100

98 8.1 5.9 8.9





#29

Cyclohexane

Concen: 24.123 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

ClientSampleId :

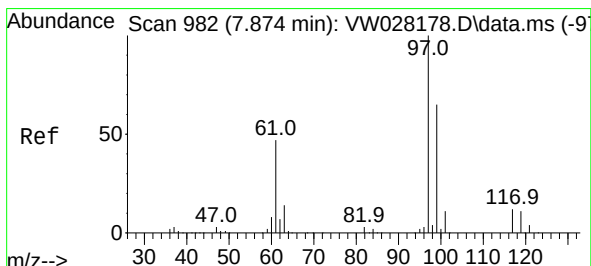
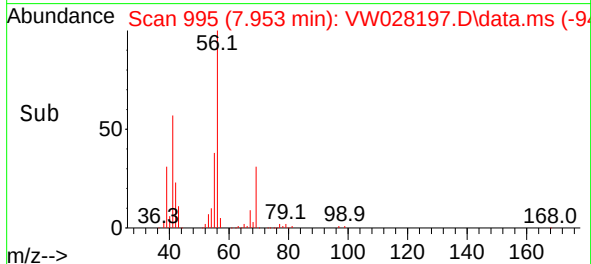
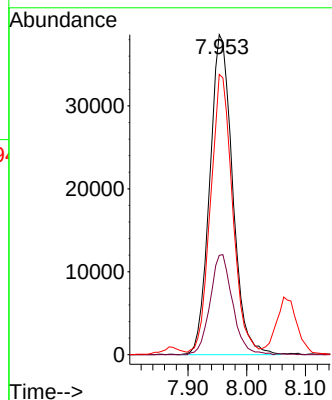
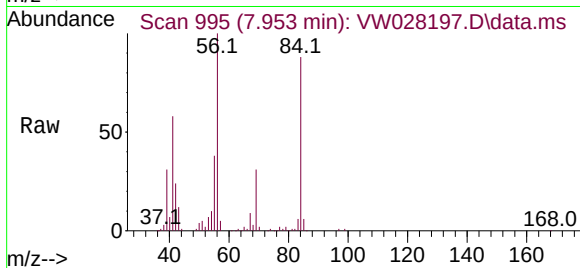
Tgt Ion: 56 Resp: 104353

Ion Ratio Lower Upper

56 100

69 30.6 24.0 36.0

84 84.5 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 24.886 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

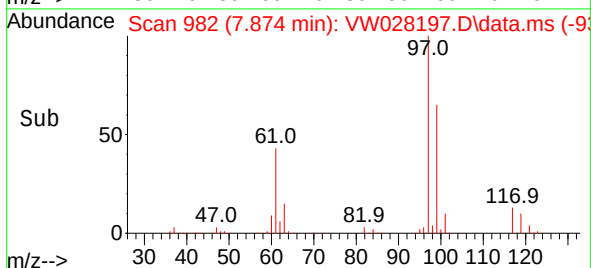
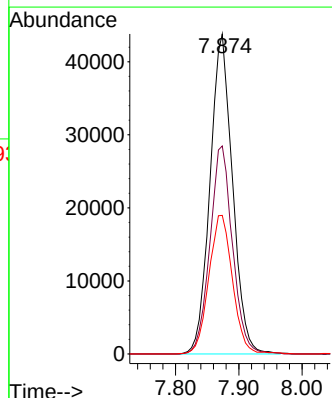
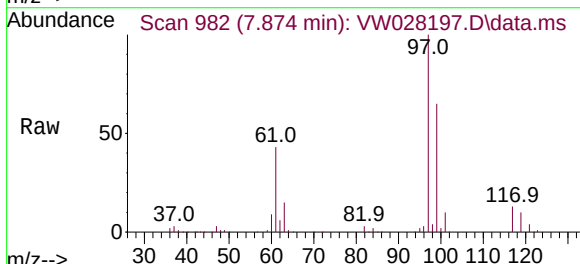
Tgt Ion: 97 Resp: 108192

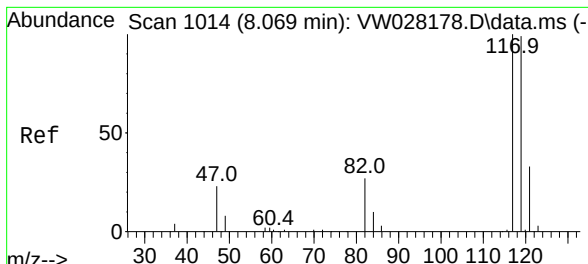
Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

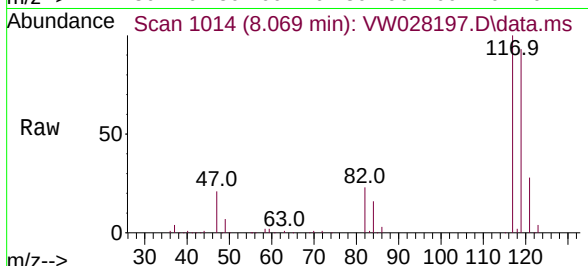
61 45.2 37.0 55.6



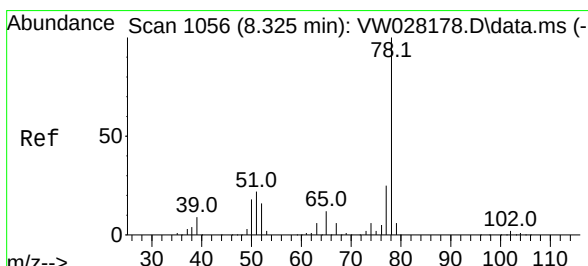
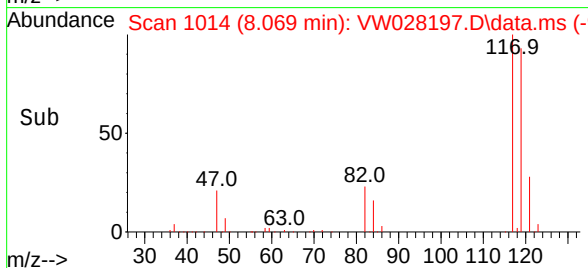
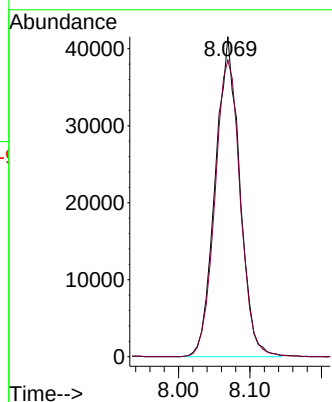


#31
Carbon tetrachloride
Concen: 24.140 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Instrument :
MSVOA_W
ClientSampleId :

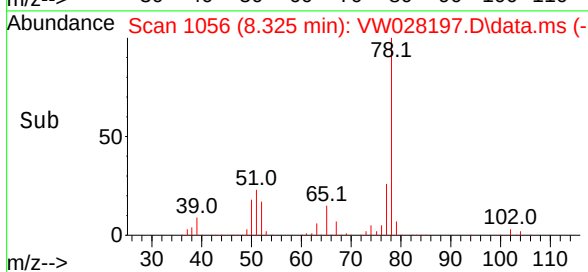
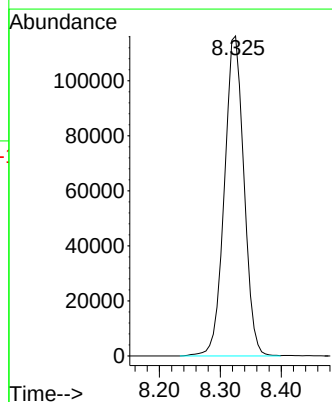
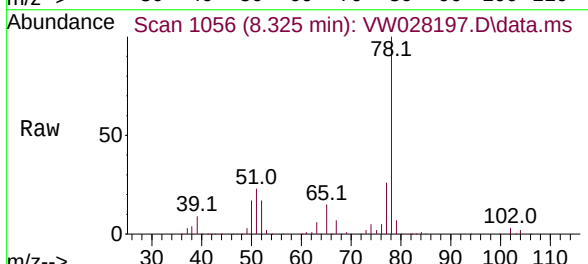


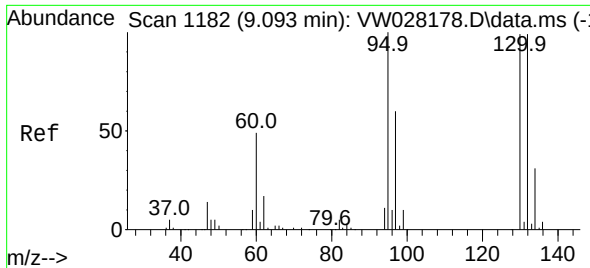
Tgt Ion:117 Resp: 98442
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4



#33
Benzene
Concen: 25.424 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion: 78 Resp: 259472

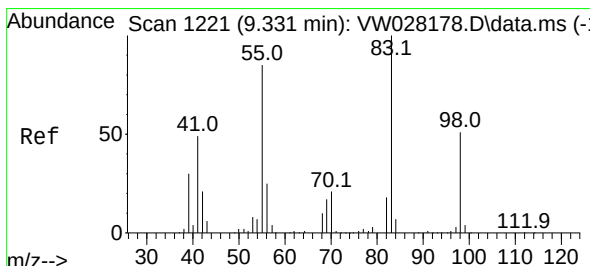
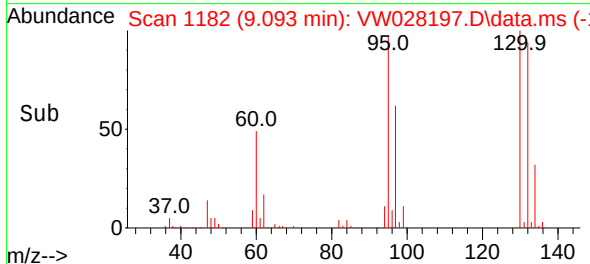
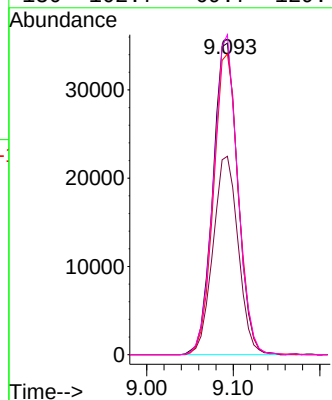
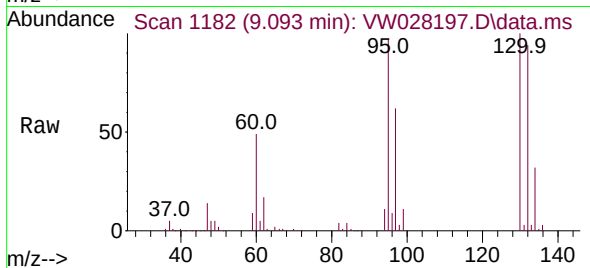




#34
Trichloroethene
Concen: 24.828 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

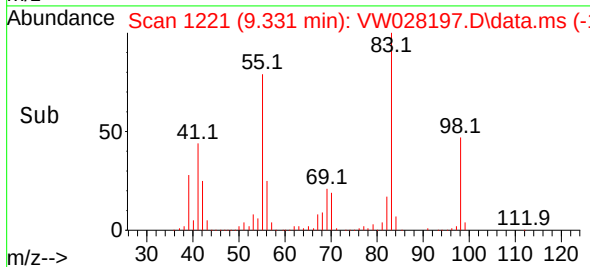
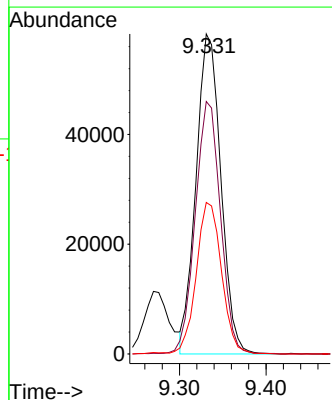
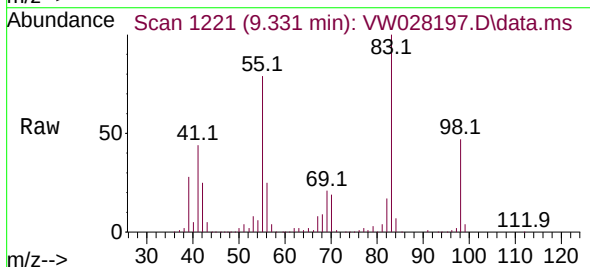
Instrument :
MSVOA_W
ClientSampleId :

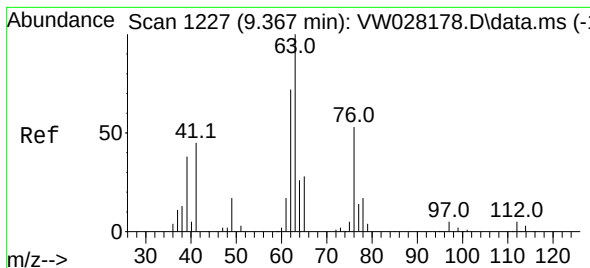
Tgt Ion: 95 Resp: 70693
Ion Ratio Lower Upper
95 100
97 63.7 42.4 78.6
132 96.5 69.4 128.8
130 102.7 69.7 129.4



#35
Methylcyclohexane
Concen: 24.188 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion: 83 Resp: 116412
Ion Ratio Lower Upper
83 100
55 80.2 64.2 96.4
98 47.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.219 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

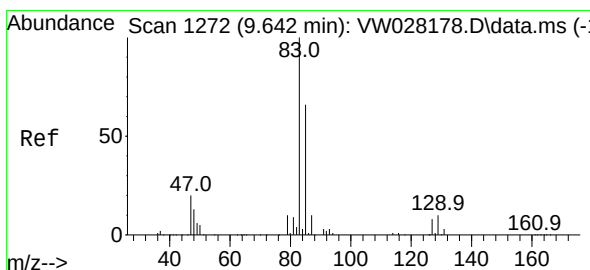
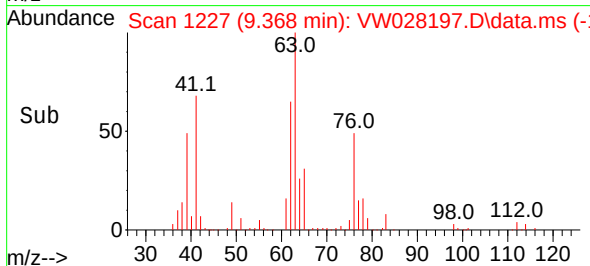
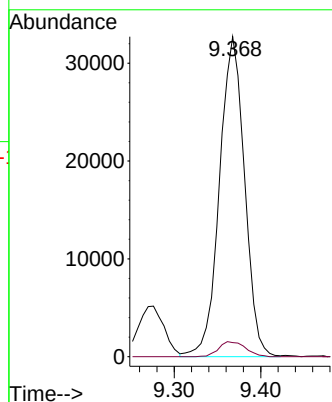
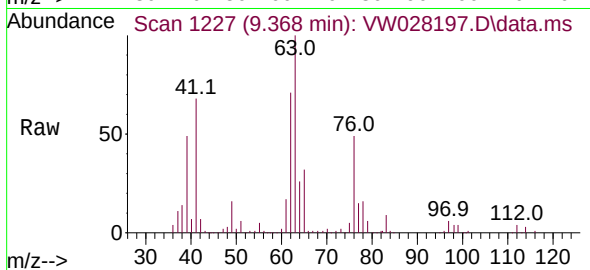
ClientSampleId :

Tgt Ion: 63 Resp: 65833

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 25.090 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

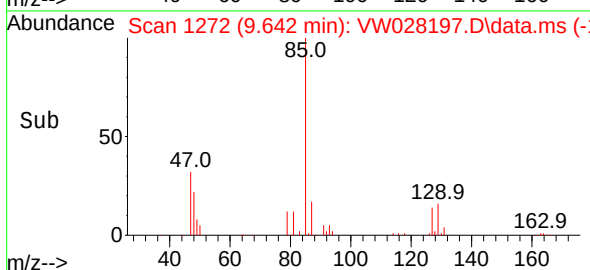
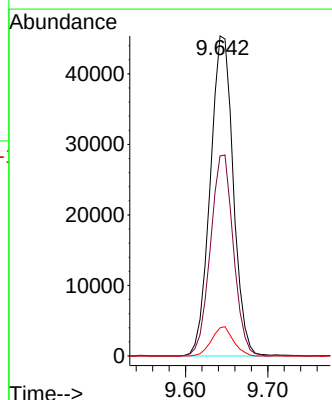
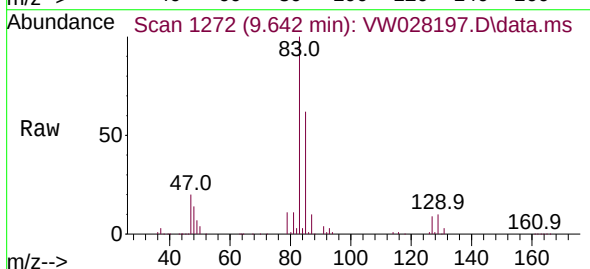
Tgt Ion: 83 Resp: 88303

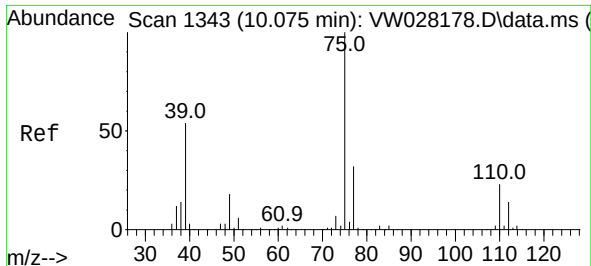
Ion Ratio Lower Upper

83 100

85 62.5 45.8 85.2

127 8.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 25.180 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

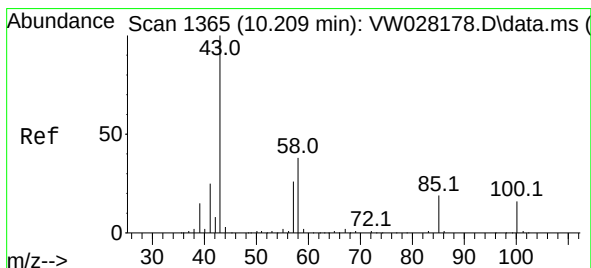
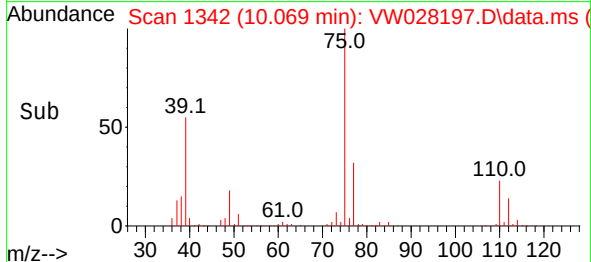
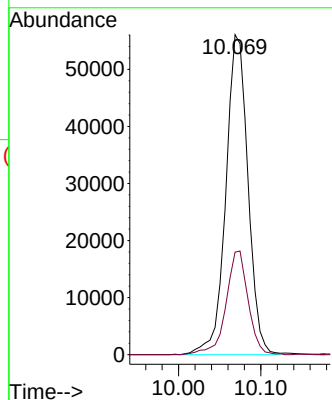
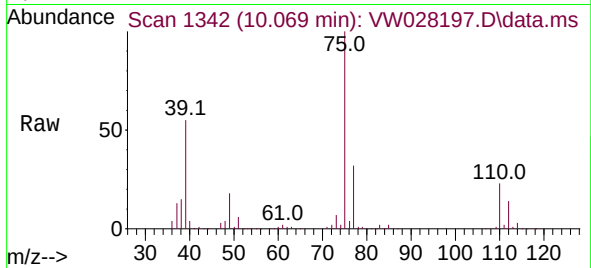
ClientSampleId :

Tgt Ion: 75 Resp: 105264

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 45.519 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

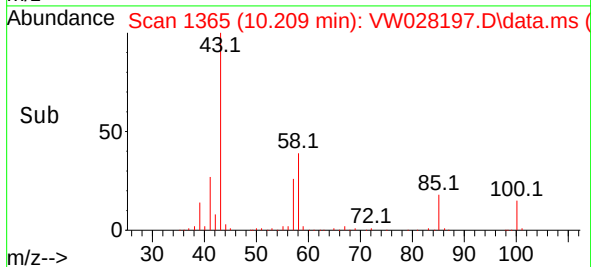
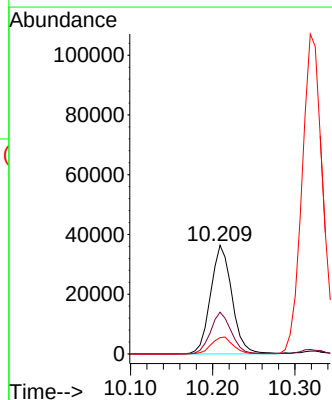
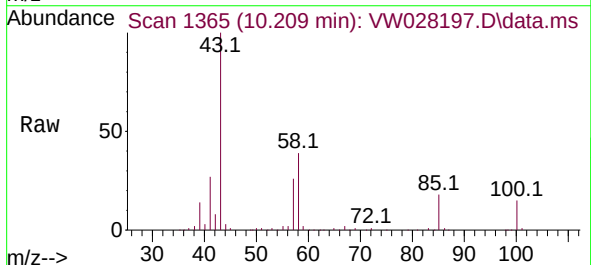
Tgt Ion: 43 Resp: 65589

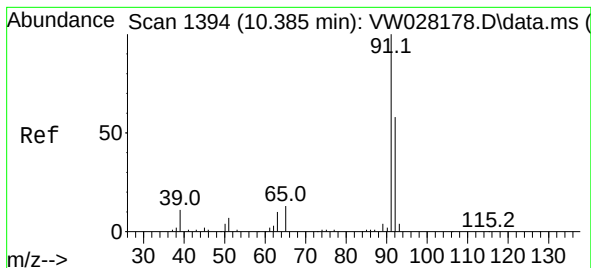
Ion Ratio Lower Upper

43 100

58 37.4 30.1 45.1

100 16.0 11.8 17.8





#42

Toluene

Concen: 25.134 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

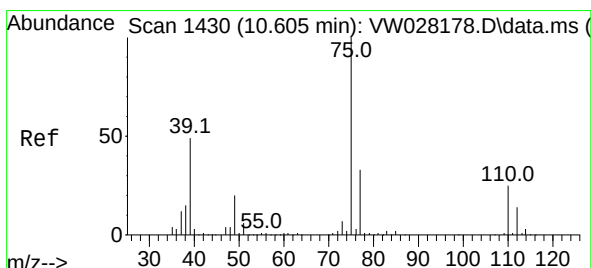
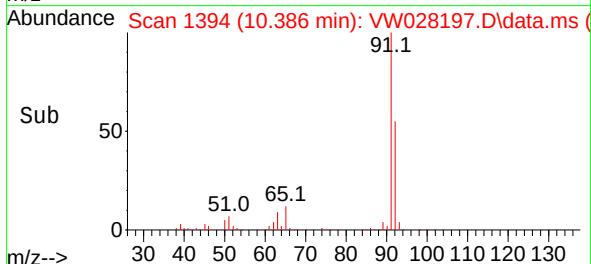
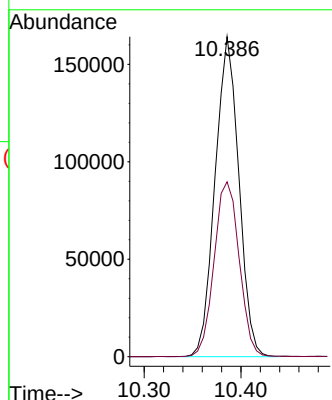
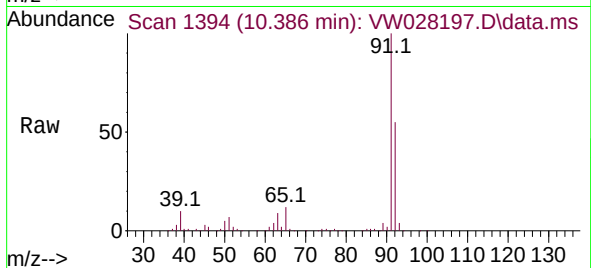
ClientSampleId :

Tgt Ion: 91 Resp: 279951

Ion Ratio Lower Upper

91 100

92 54.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.171 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028197.D

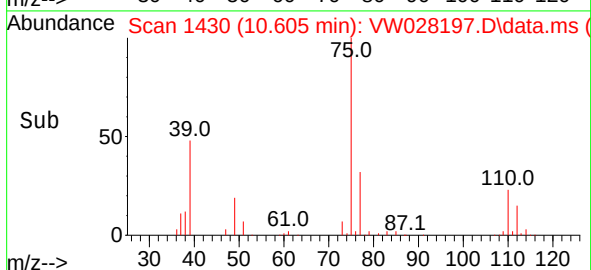
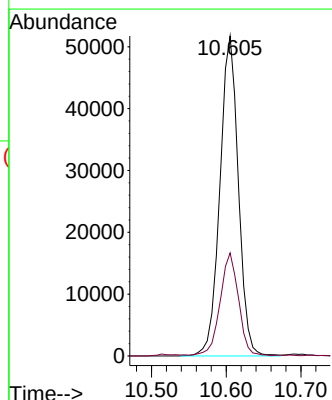
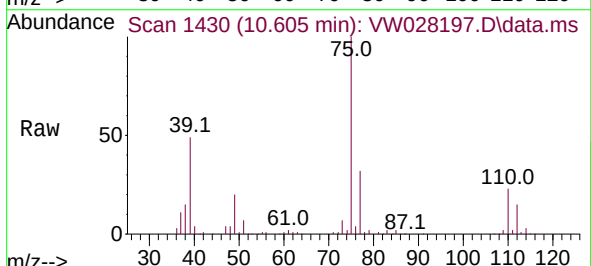
Acq: 14 Mar 2024 22:36

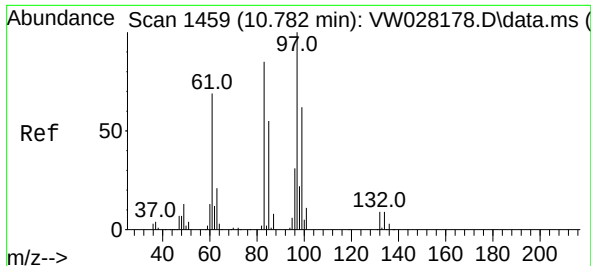
Tgt Ion: 75 Resp: 88842

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 24.507 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 46222

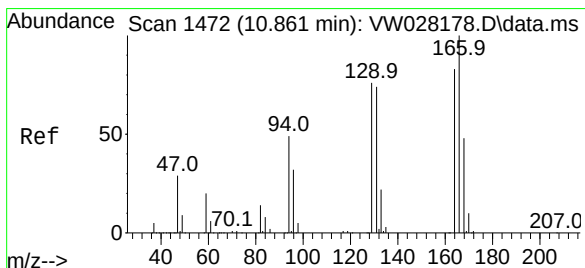
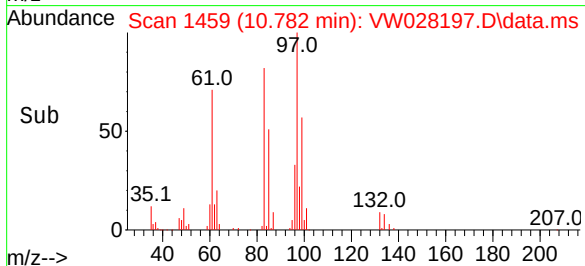
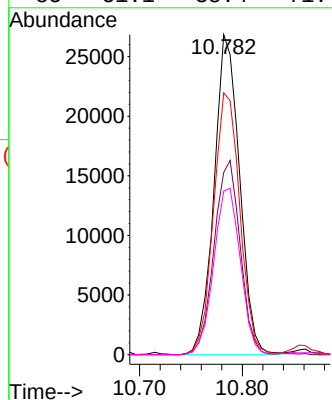
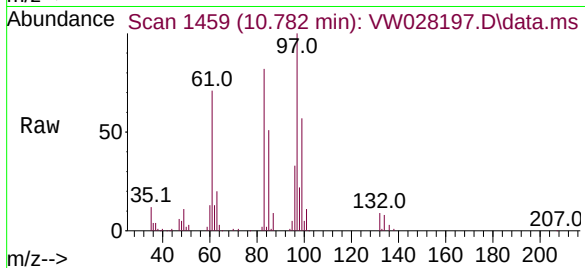
Ion Ratio Lower Upper

97 100

99 57.0 43.4 80.6

83 81.8 59.4 110.4

85 51.1 38.4 71.4



#46

Tetrachloroethene

Concen: 23.490 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Tgt Ion: 164 Resp: 53915

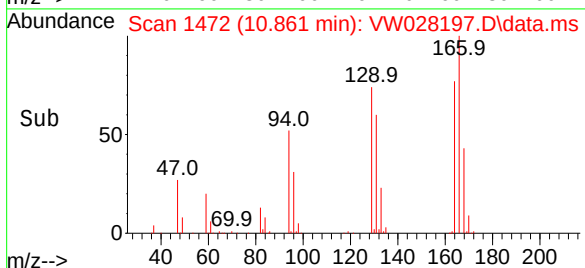
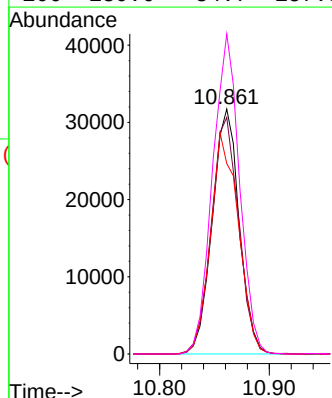
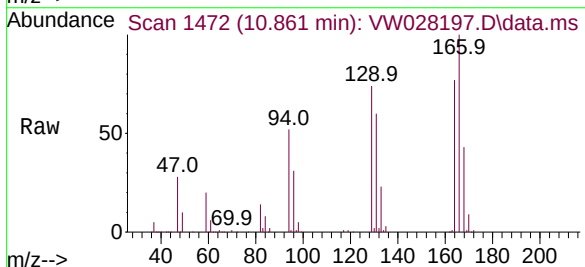
Ion Ratio Lower Upper

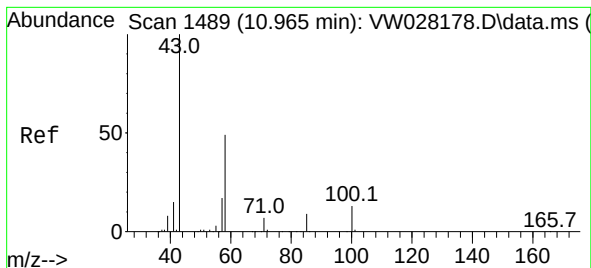
164 100

129 96.5 64.0 119.0

131 77.7 62.6 116.3

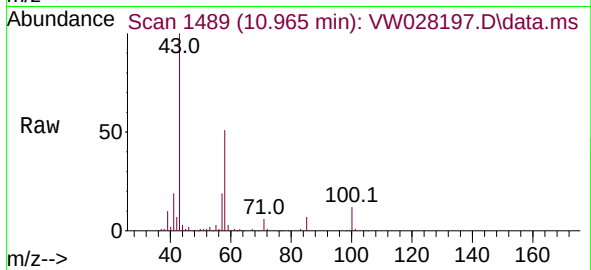
166 130.6 84.7 157.3



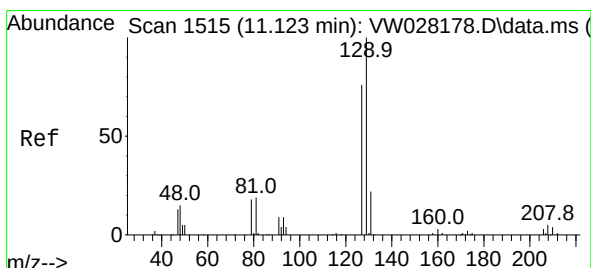
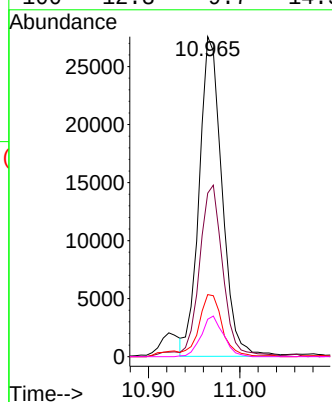
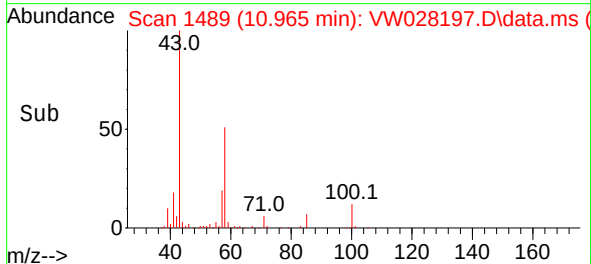


#48
2-Hexanone
Concen: 42.409 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Instrument :
MSVOA_W
ClientSampleId :

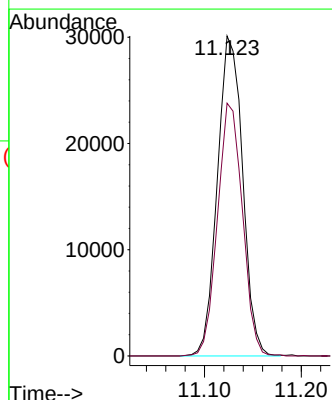
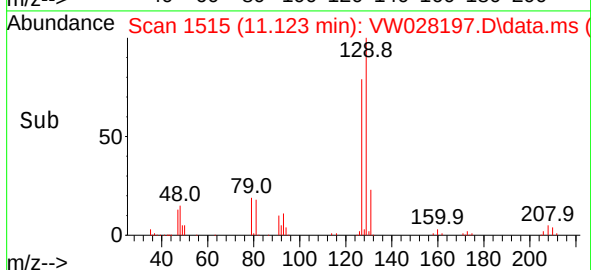
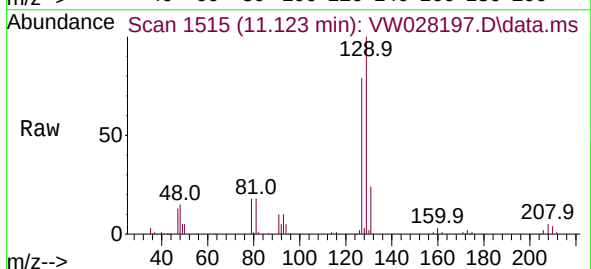


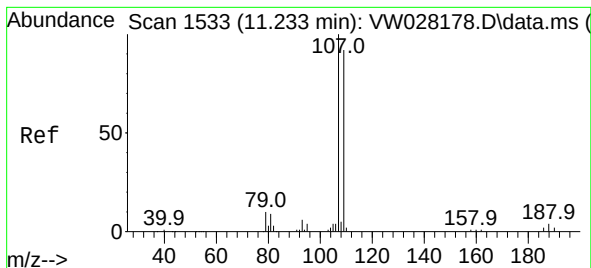
Tgt Ion: 43 Resp: 47868
Ion Ratio Lower Upper
43 100
58 54.3 40.6 61.0
57 19.6 15.7 23.5
100 12.3 9.7 14.5



#49
Dibromochloromethane
Concen: 24.409 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

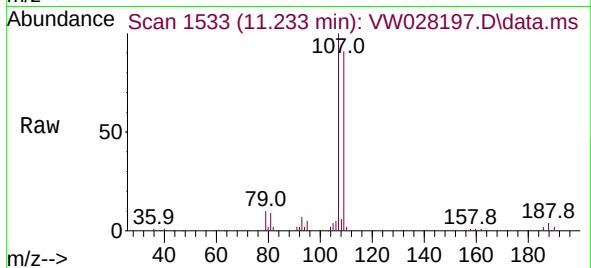
Tgt Ion: 129 Resp: 54522
Ion Ratio Lower Upper
129 100
127 79.0 53.1 98.7



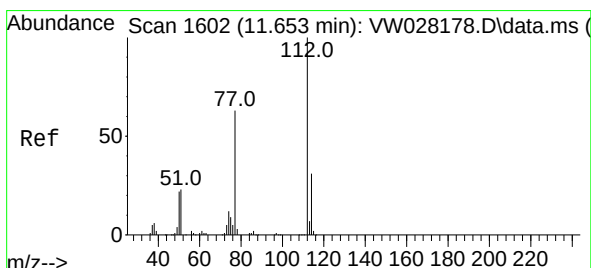
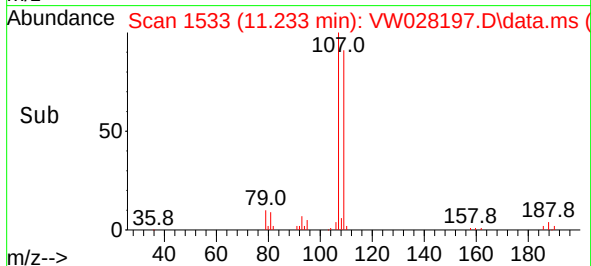
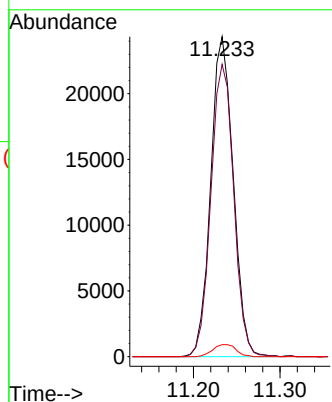


#50
1,2-Dibromoethane
Concen: 24.376 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Instrument :
MSVOA_W
ClientSampleId :

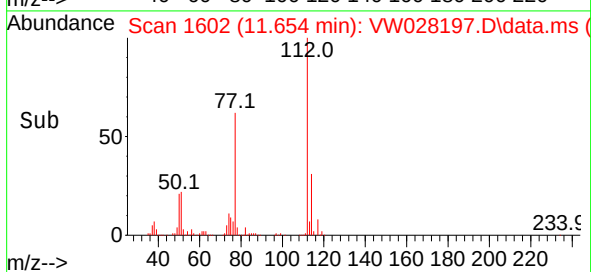
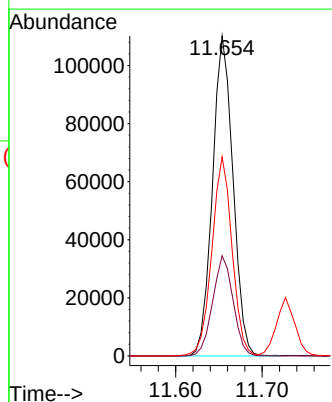
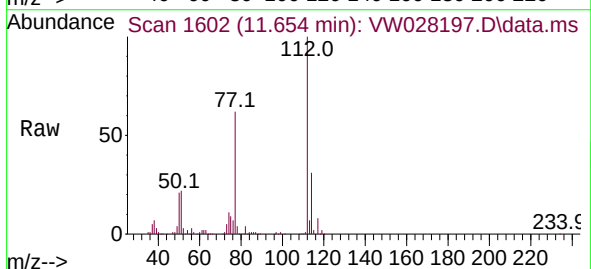


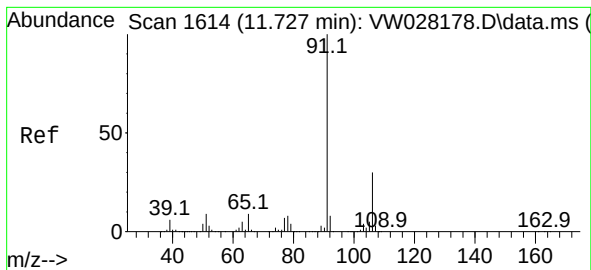
Tgt Ion:107 Resp: 43960
Ion Ratio Lower Upper
107 100
109 91.4 64.4 119.6
188 3.8 3.4 5.2



#51
Chlorobenzene
Concen: 25.617 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion:112 Resp: 181106
Ion Ratio Lower Upper
112 100
114 31.3 21.8 40.6
77 62.2 50.6 76.0

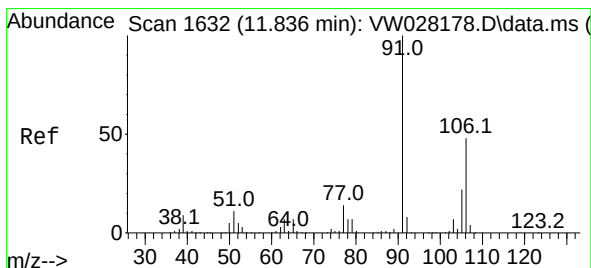
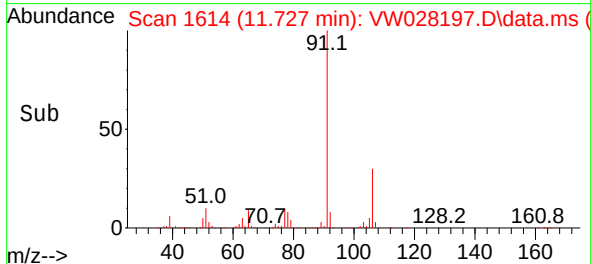
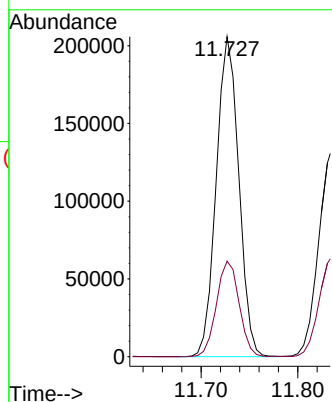
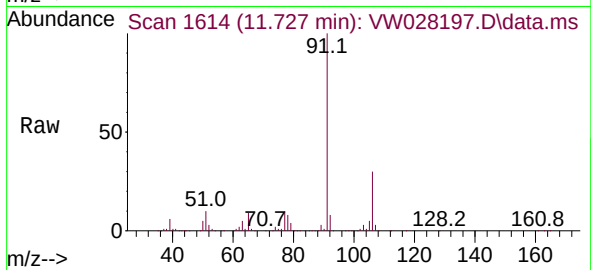




#52
Ethylbenzene
Concen: 25.597 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

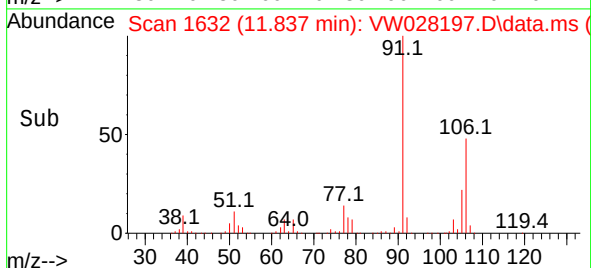
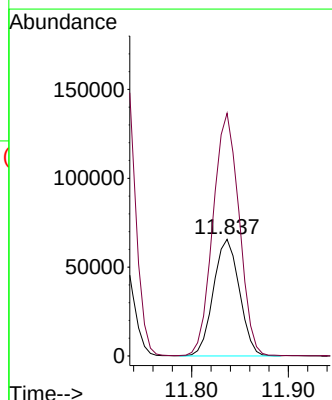
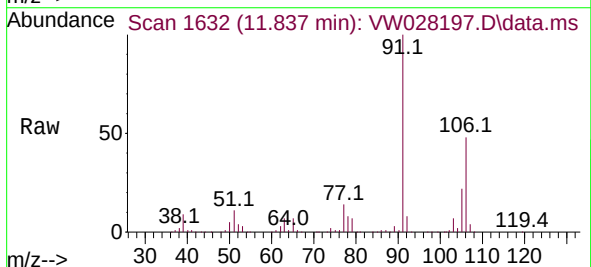
Instrument :
MSVOA_W
ClientSampleId :

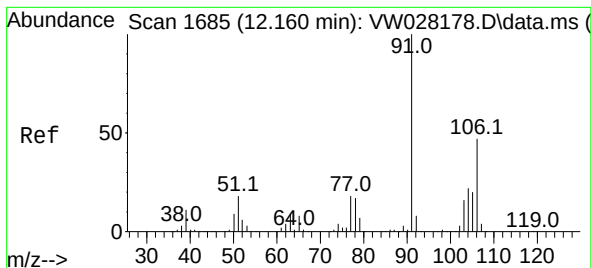
Tgt Ion: 91 Resp: 332824
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 25.055 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion:106 Resp: 122594
Ion Ratio Lower Upper
106 100
91 208.1 147.1 273.1





#54

o-Xylene

Concen: 25.994 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

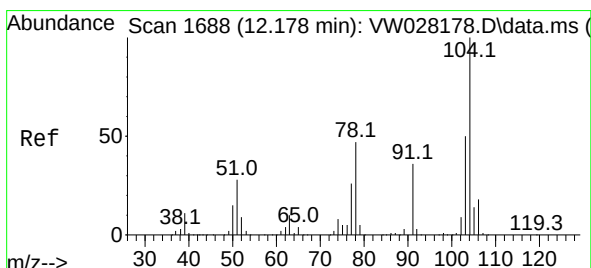
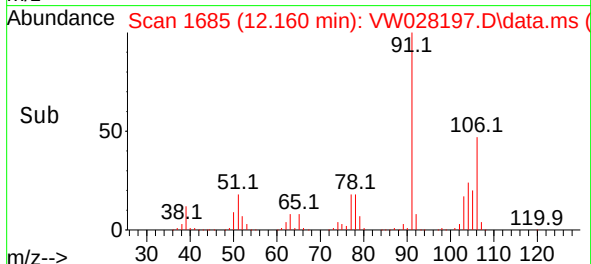
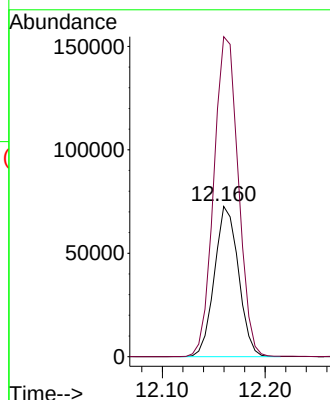
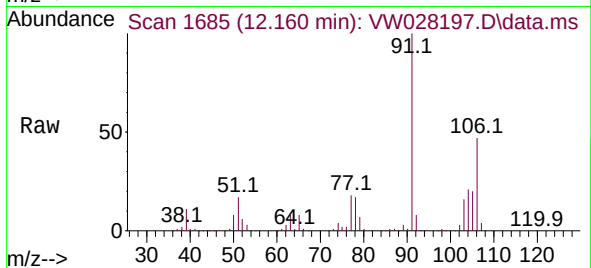
ClientSampleId :

Tgt Ion:106 Resp: 117948

Ion Ratio Lower Upper

106 100

91 212.9 149.2 277.2



#55

Styrene

Concen: 25.677 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028197.D

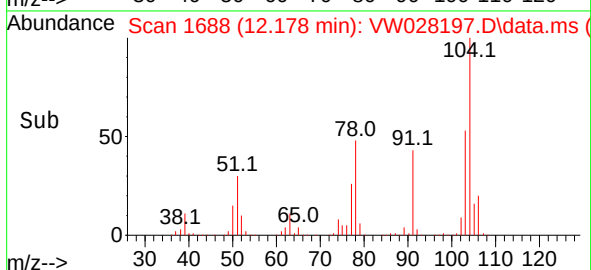
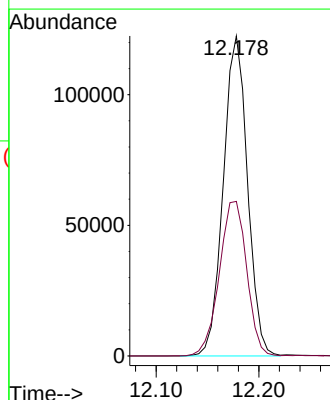
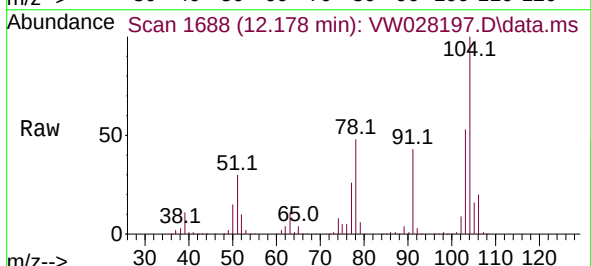
Acq: 14 Mar 2024 22:36

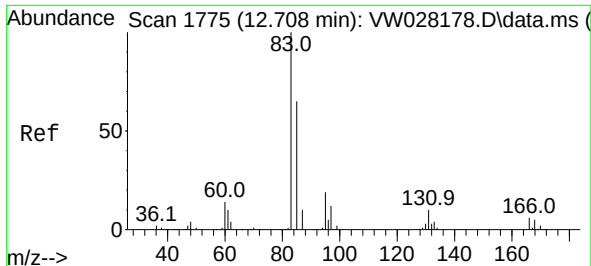
Tgt Ion:104 Resp: 200129

Ion Ratio Lower Upper

104 100

78 48.3 33.2 61.7

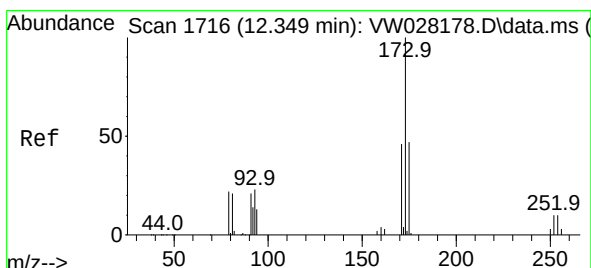
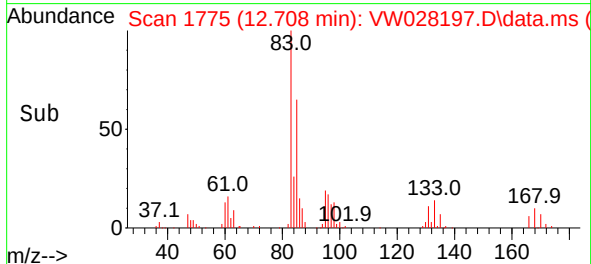
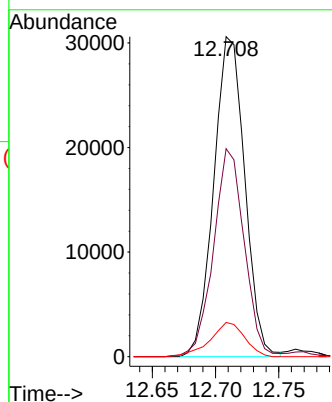
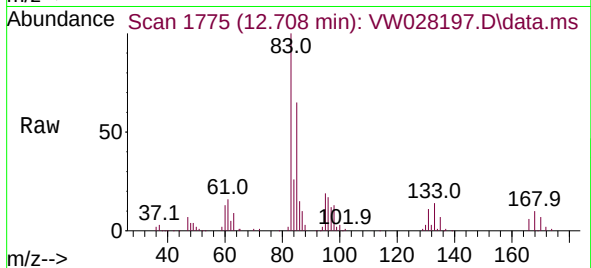




#57
1,1,2,2-Tetrachloroethane
Concen: 24.191 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

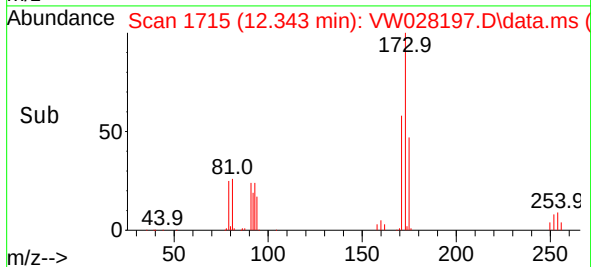
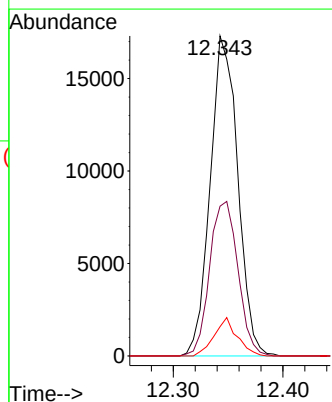
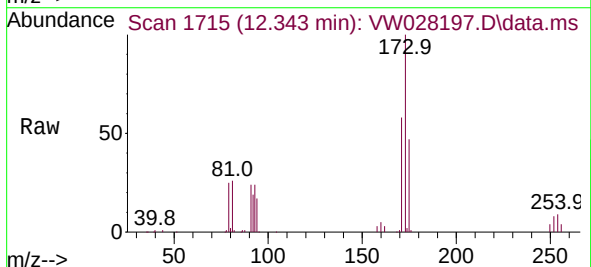
Instrument :
MSVOA_W
ClientSampleId :

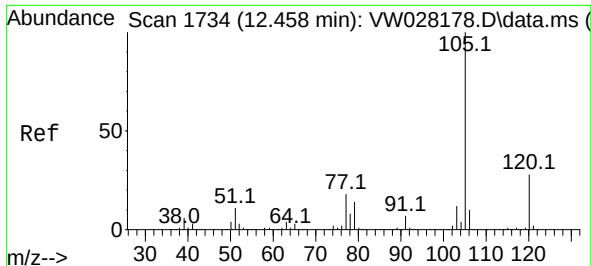
Tgt Ion: 83 Resp: 52187
Ion Ratio Lower Upper
83 100
85 65.0 47.0 87.2
131 10.7 8.9 13.3



#59
Bromoform
Concen: 23.259 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion:173 Resp: 30268
Ion Ratio Lower Upper
173 100
175 49.5 39.8 59.6
254 10.0 8.5 12.7

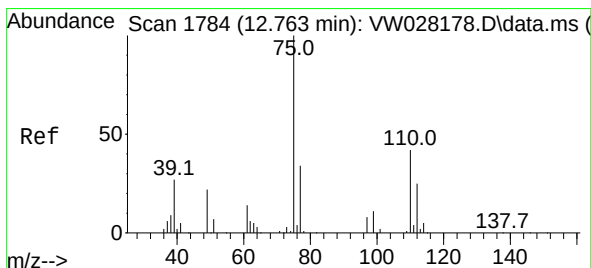
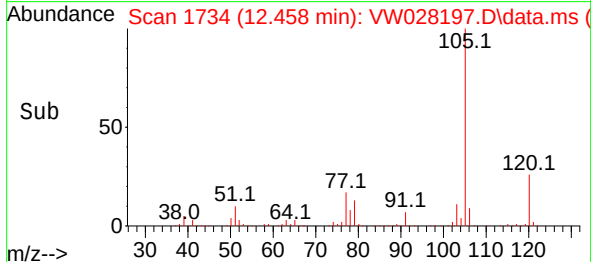
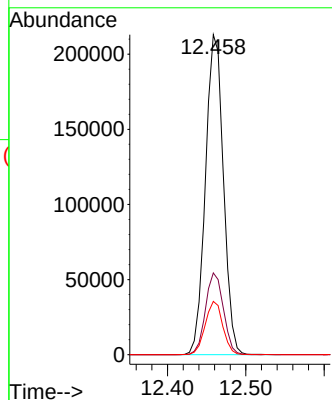
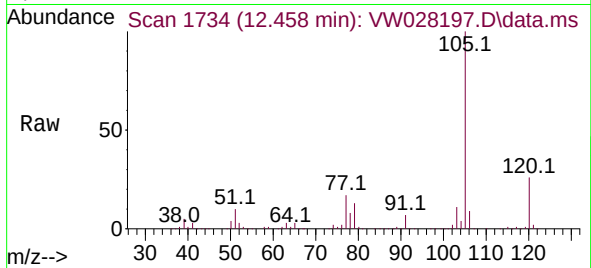




#60
Isopropylbenzene
Concen: 26.292 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

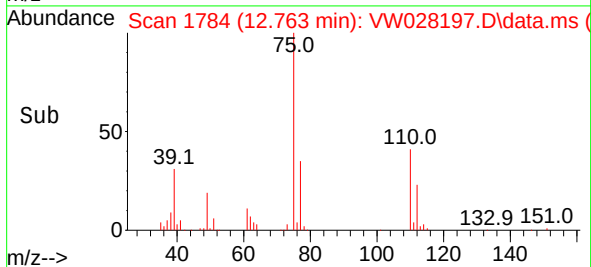
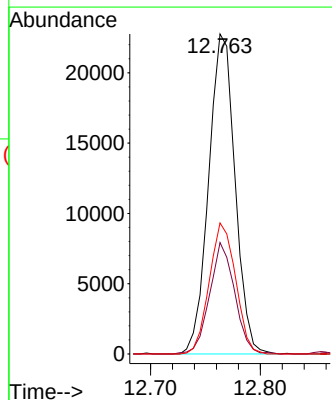
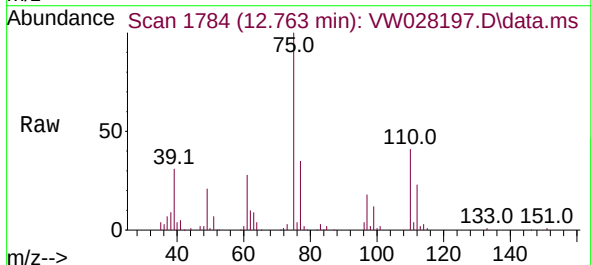
Instrument :
MSVOA_W
ClientSampleId :

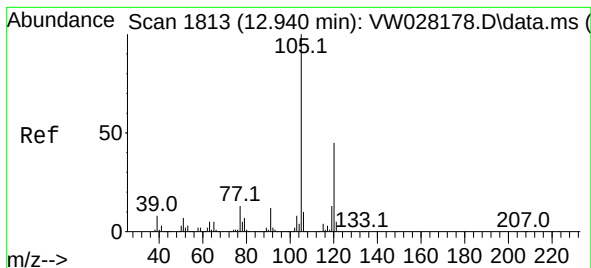
Tgt Ion:105 Resp: 339255
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6
77 16.3 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 22.982 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion: 75 Resp: 38092
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0
110 40.8 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 25.936 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

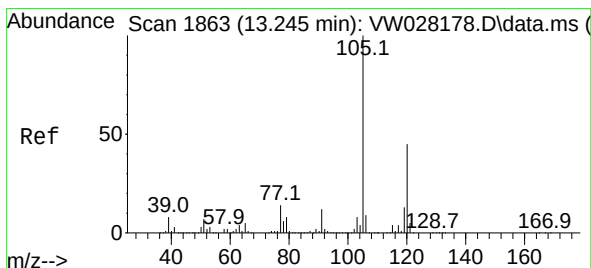
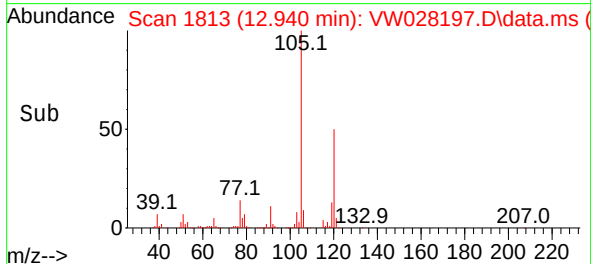
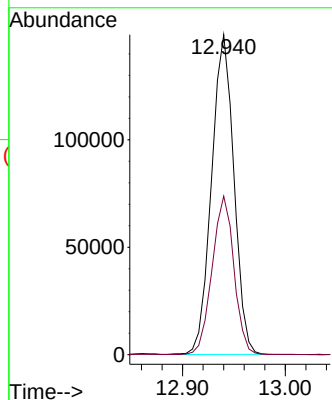
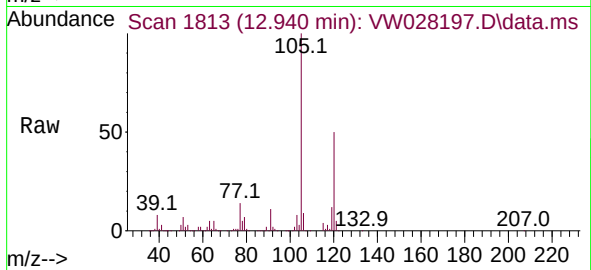
ClientSampleId :

Tgt Ion:105 Resp: 224548

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.021 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028197.D

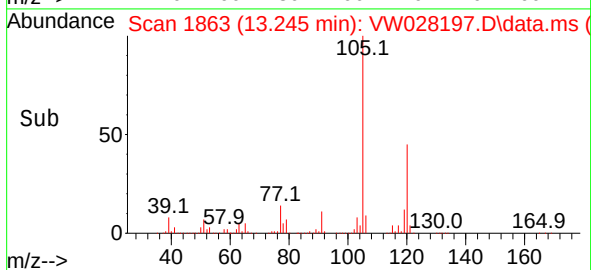
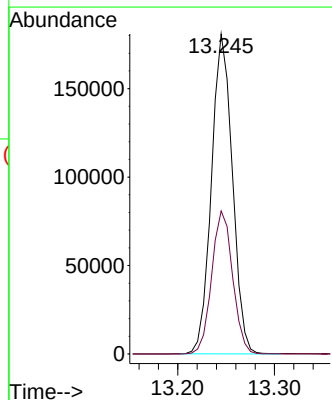
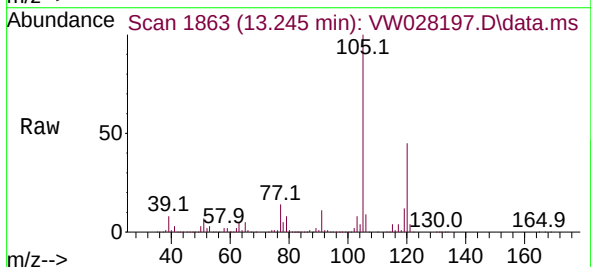
Acq: 14 Mar 2024 22:36

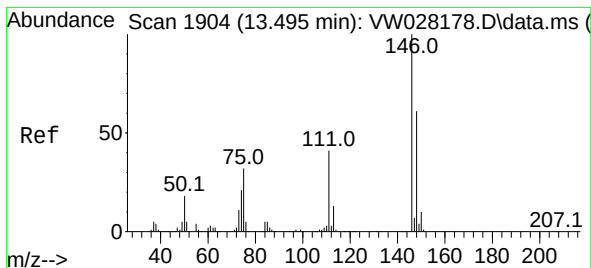
Tgt Ion:105 Resp: 272019

Ion Ratio Lower Upper

105 100

120 44.7 35.6 53.4

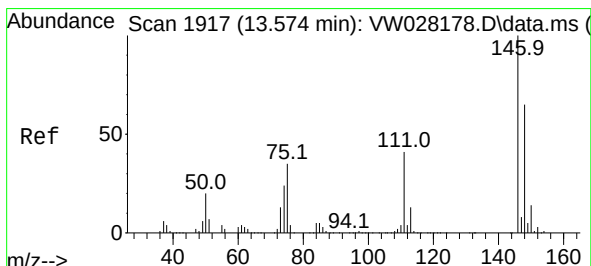
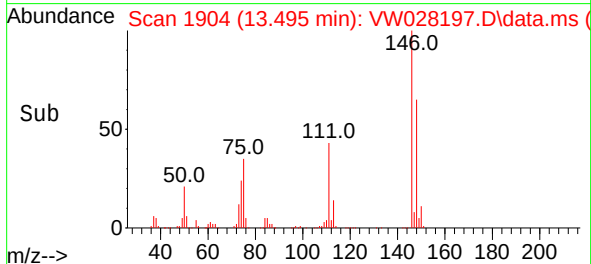
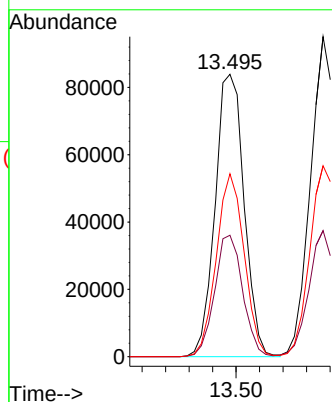
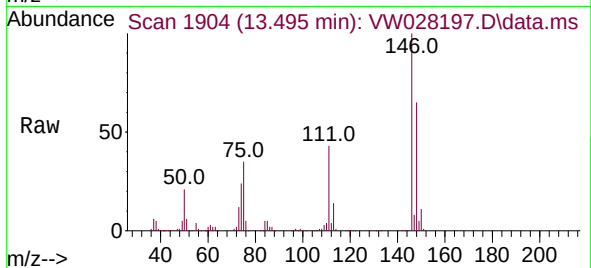




#64
1,3-Dichlorobenzene
Concen: 24.978 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

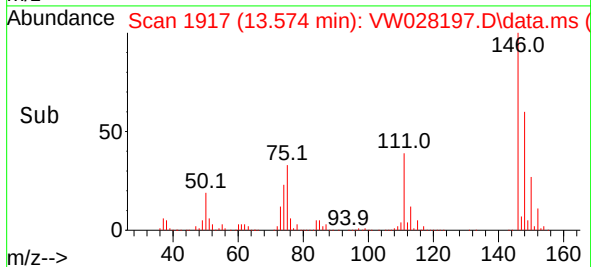
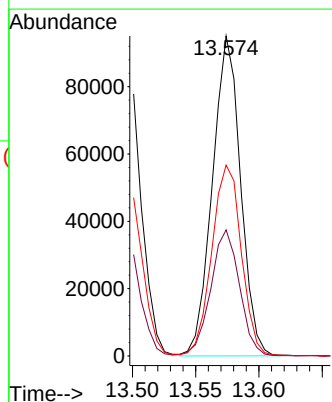
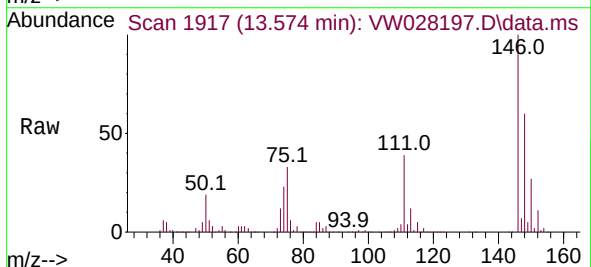
Instrument :
MSVOA_W
ClientSampleId :

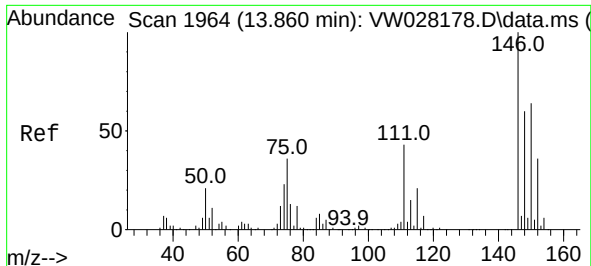
Tgt Ion:146 Resp: 143786
Ion Ratio Lower Upper
146 100
111 43.0 28.5 52.9
148 64.8 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 25.522 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion:146 Resp: 146907
Ion Ratio Lower Upper
146 100
111 39.4 28.8 53.6
148 59.7 45.3 84.1

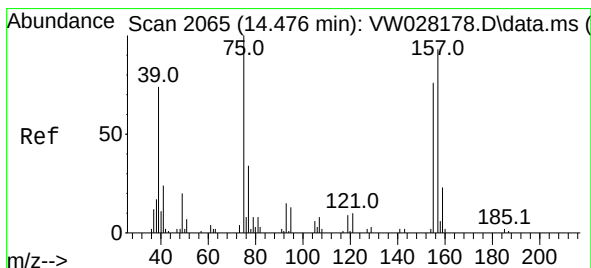
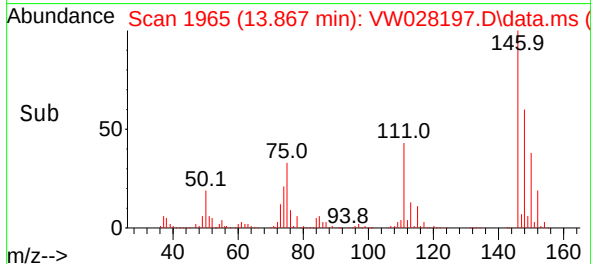
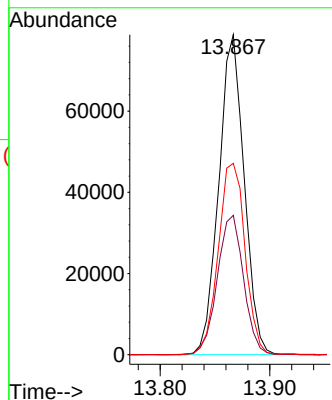
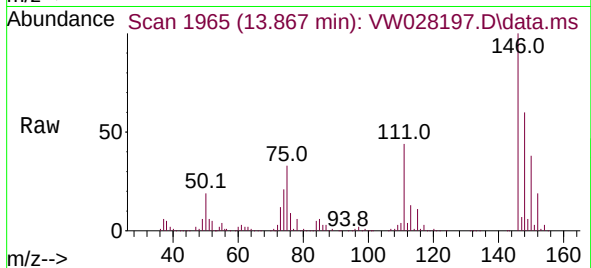




#67
1,2-Dichlorobenzene
Concen: 25.577 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

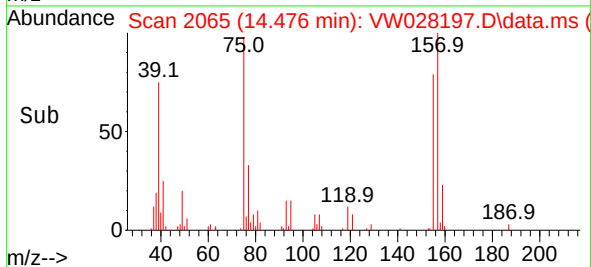
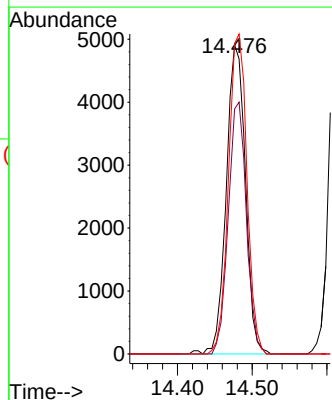
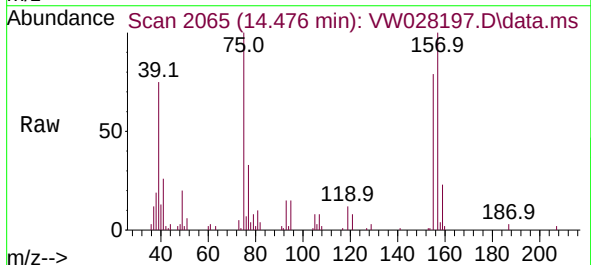
Instrument :
MSVOA_W
ClientSampleId :

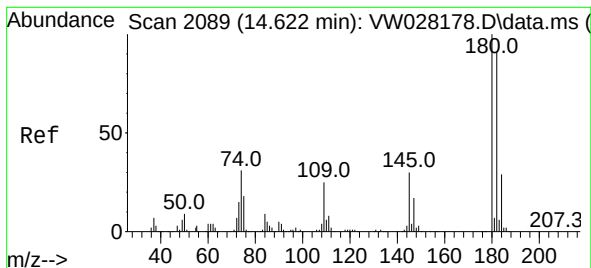
Tgt Ion:146 Resp: 126790
Ion Ratio Lower Upper
146 100
111 43.5 34.2 51.2
148 59.8 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 22.481 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028197.D
Acq: 14 Mar 2024 22:36

Tgt Ion: 75 Resp: 8753
Ion Ratio Lower Upper
75 100
155 79.3 61.1 91.7
157 100.4 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 25.279 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

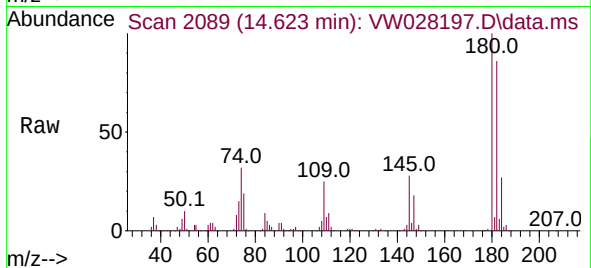
Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 101362

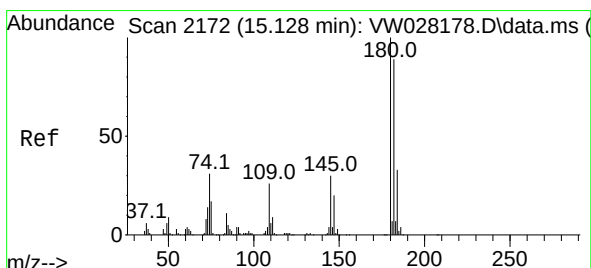
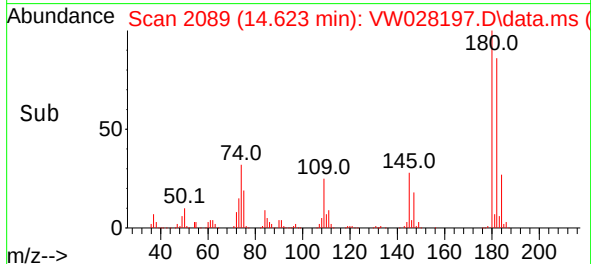
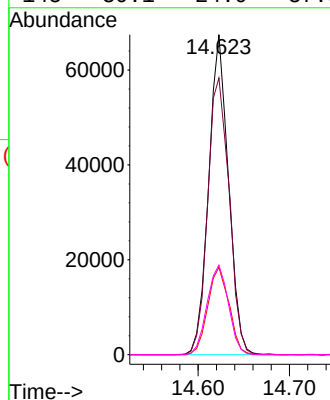
Ion Ratio Lower Upper

180 100

182 93.7 76.6 114.8

184 29.3 23.5 35.3

145 30.1 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.964 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

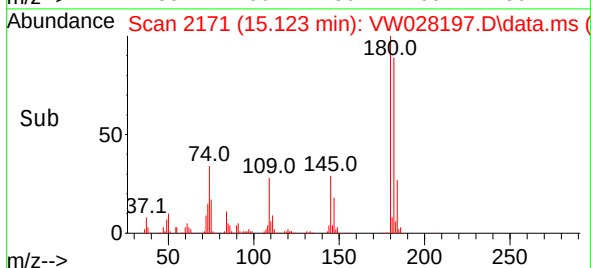
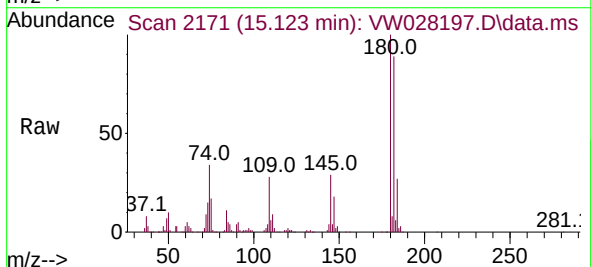
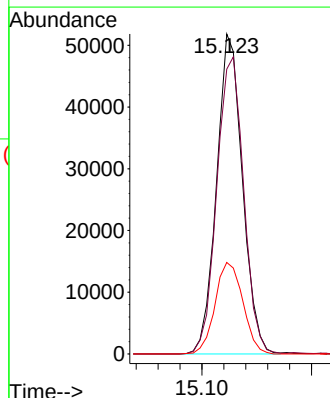
Tgt Ion:180 Resp: 85038

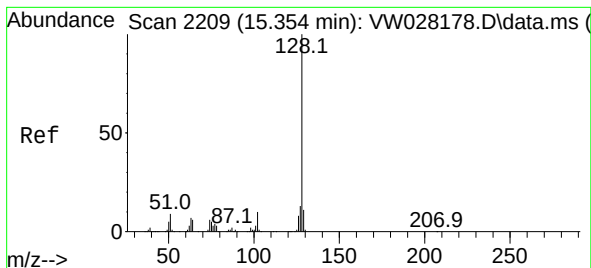
Ion Ratio Lower Upper

180 100

182 96.3 73.8 110.8

145 30.7 25.0 37.6





#71

Naphthalene

Concen: 25.747 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Instrument :

MSVOA_W

ClientSampleId :

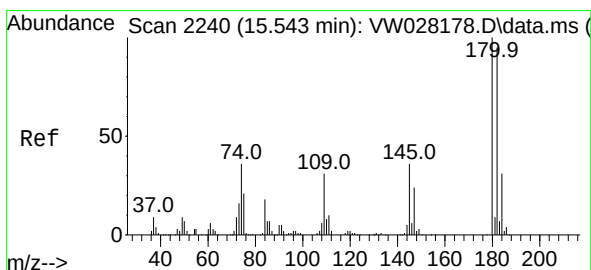
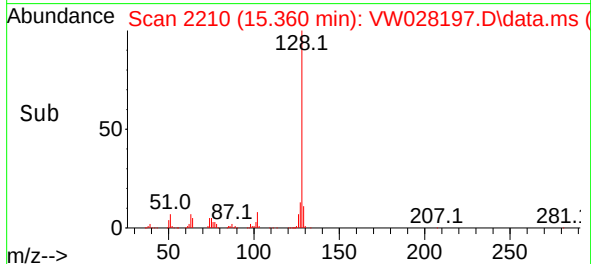
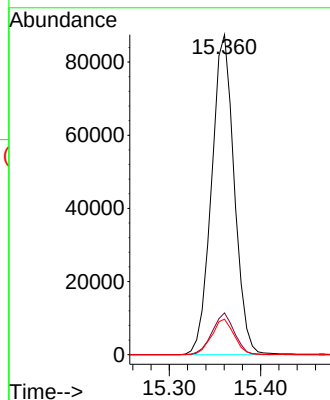
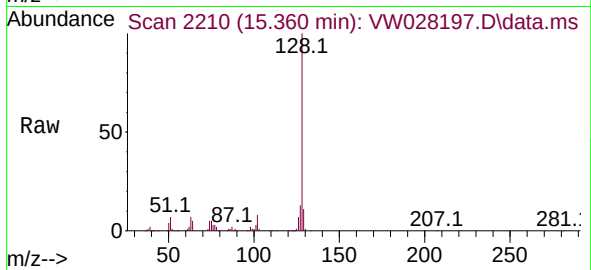
Tgt Ion:128 Resp: 150539

Ion Ratio Lower Upper

128 100

127 12.8 10.9 16.3

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.597 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028197.D

Acq: 14 Mar 2024 22:36

Tgt Ion:180 Resp: 71881

Ion Ratio Lower Upper

180 100

182 96.0 76.0 114.0

145 32.6 27.1 40.7

