

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082323\
 Data File : VV031858.D
 Acq On : 23 Aug 2023 10:21
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 01:28:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:26:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	279132	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	275762	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	147598	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89981	44.949	ug/L	0.00
7) Chloroethane-d5	1.529	69	77494	55.542	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	42191	58.816	ug/L	0.00
21) 2-Butanone-d5	3.786	46	144297	115.908	ug/L	0.00
24) Chloroform-d	4.252	84	195339	43.088	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	131904	47.302	ug/L	0.00
32) Benzene-d6	4.963	84	386143	44.534	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	120807	42.899	ug/L	0.00
41) Toluene-d8	7.246	98	351875	43.800	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	64046	50.786	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	77741	119.233	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	159048	45.035	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	134402	44.880	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	84041	38.013	ug/L	100
3) Chloromethane	1.217	50	87629	48.357	ug/L	100
5) Vinyl chloride	1.281	62	93551	48.754	ug/L	100
6) Bromomethane	1.484	94	56290	49.973	ug/L	100
8) Chloroethane	1.548	64	62934	58.988	ug/L	100
9) Trichlorofluoromethane	1.712	101	137424	48.035	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82753	53.503	ug/L	100
12) 1,1-Dichloroethene	2.069	96	73203	55.554	ug/L	100
13) Acetone	2.111	43	121883	140.848	ug/L	100
14) Carbon disulfide	2.243	76	172820	49.725	ug/L	100
15) Methyl Acetate	2.371	43	114351	55.493	ug/L	100
16) Methylene chloride	2.449	84	93892	43.098	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	81519	47.193	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	347531	55.403	ug/L	100
19) 1,1-Dichloroethane	3.114	63	182498	49.221	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	102255	49.226	ug/L	100
22) 2-Butanone	3.866	43	168682	111.935	ug/L	100
23) Bromochloromethane	4.149	128	50131	46.394	ug/L	100
25) Chloroform	4.278	83	189977	45.622	ug/L	100
27) 1,2-Dichloroethane	5.043	62	151374	48.393	ug/L	100
29) Cyclohexane	4.587	56	145668	52.441	ug/L	100
30) 1,1,1-Trichloroethane	4.516	97	165570	40.958	ug/L	100
31) Carbon tetrachloride	4.738	117	138608	37.824	ug/L	100
33) Benzene	5.014	78	375497	46.322	ug/L	100
34) Trichloroethene	5.834	95	114041	42.535	ug/L	100
35) Methylcyclohexane	6.053	83	153371	47.619	ug/L	100
37) 1,2-Dichloropropane	6.095	63	109868	46.481	ug/L	100
38) Bromodichloromethane	6.436	83	152419	45.023	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	189367	55.045	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	348167	121.161	ug/L	100
42) Toluene	7.316	91	415838	49.067	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	179280	54.603	ug/L	100

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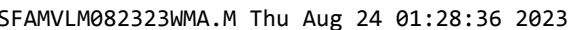
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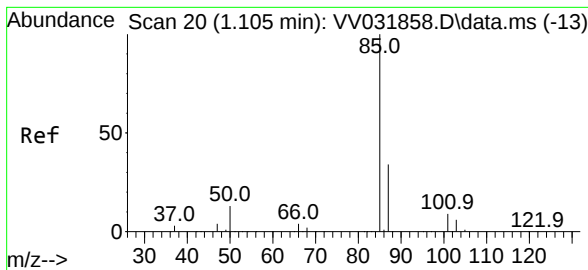
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 QLast Update : Thu Aug 24 01:26:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	107189	47.624	ug/L	100
46) Tetrachloroethene	7.908	164	72712	43.019	ug/L	100
48) 2-Hexanone	8.079	43	267673	123.050	ug/L	100
49) Dibromochloromethane	8.178	129	111457	41.838	ug/L	100
50) 1,2-Dibromoethane	8.284	107	112859	44.215	ug/L	100
51) Chlorobenzene	8.818	112	273310	46.769	ug/L	100
52) Ethylbenzene	8.950	91	489370	51.048	ug/L	100
53) m,p-Xylene	9.075	106	182776	54.809	ug/L	100
54) o-Xylene	9.480	106	183357	59.906	ug/L	100
55) Styrene	9.500	104	320028	58.352	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	148843	47.899	ug/L	100
59) Bromoform	9.667	173	78580	45.800	ug/L	100
60) Isopropylbenzene	9.869	105	504285	60.206	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	141190	49.942	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	420913	62.485	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	422388	61.797	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	222987	49.491	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	224931	47.731	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	220123	48.071	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	43078	50.827	ug/L	100
69) 1,3,5-Trichlorobenzene	12.586	180	162706	43.466	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	158077	43.517	ug/L	100
71) Naphthalene	13.442	128	509268	47.540	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	150887	39.828	ug/L	100

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

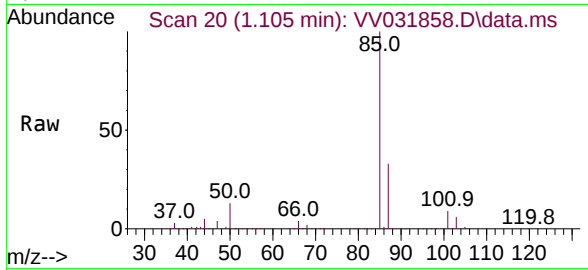
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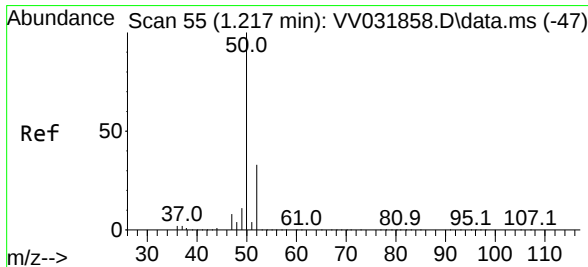
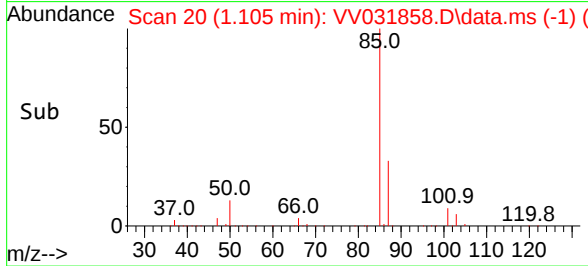
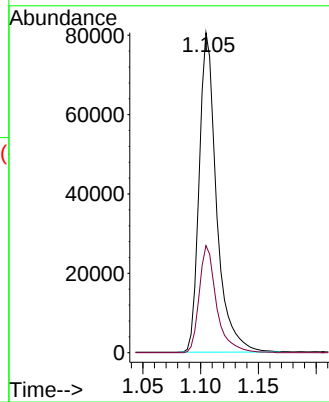


#2
 Dichlorodifluoromethane
 Concen: 38.013 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031858.D
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Instrument :
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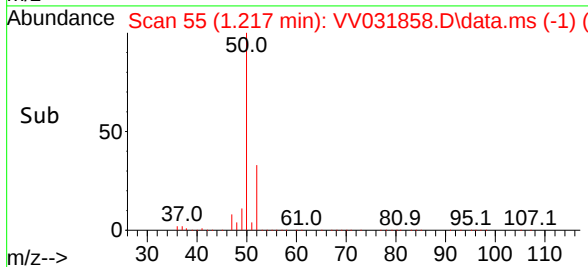
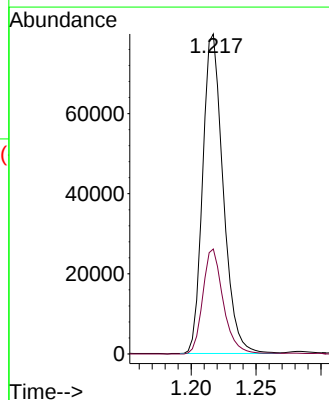
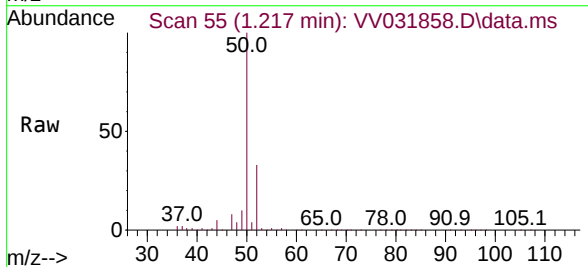


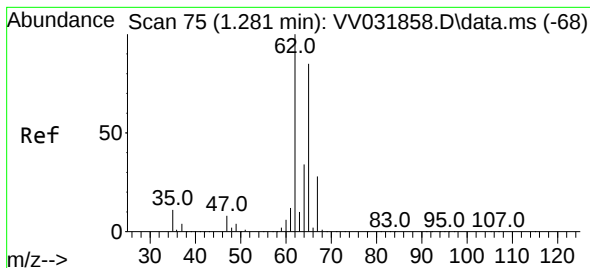
Tgt Ion: 85 Resp: 84041
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.8 40.2



#3
 Chloromethane
 Concen: 48.357 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031858.D
 Acq: 23 Aug 2023 10:21

Tgt Ion: 50 Resp: 87629
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6

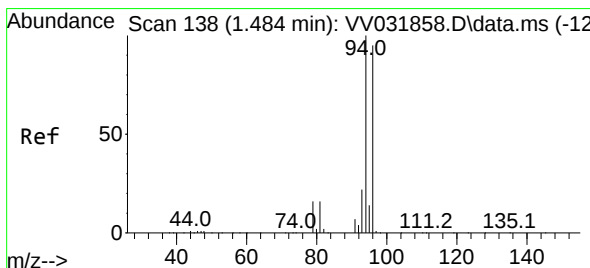
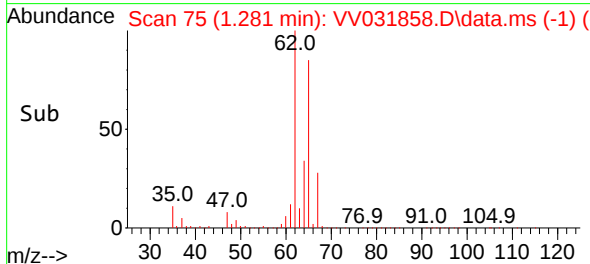
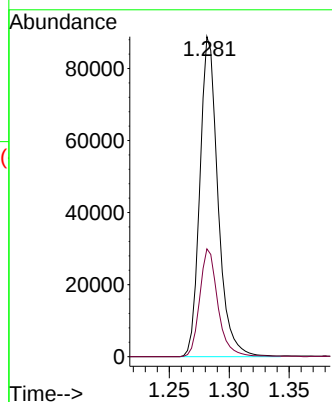
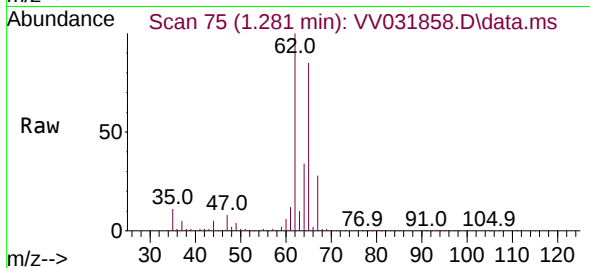




#5
 Vinyl chloride
 Concen: 48.754 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV031858.D
 Acq: 23 Aug 2023 10:21

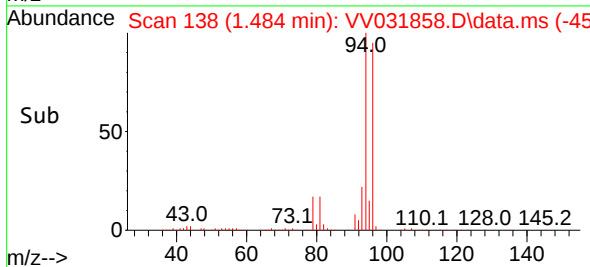
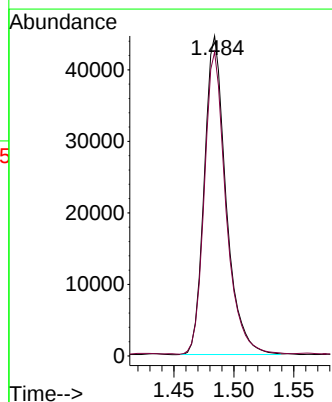
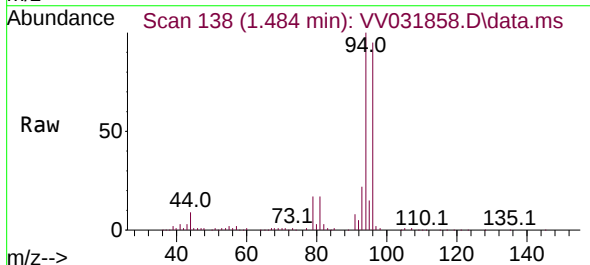
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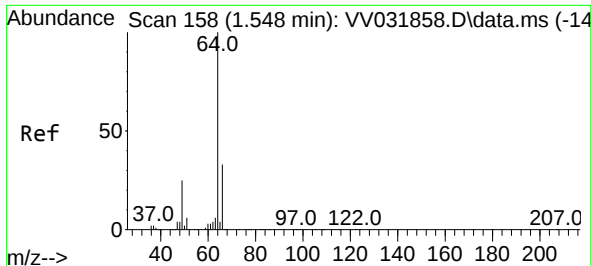
Tgt Ion: 62 Resp: 93551
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.6 43.8



#6
 Bromomethane
 Concen: 49.973 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV031858.D
 Acq: 23 Aug 2023 10:21

Tgt Ion: 94 Resp: 56290
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.4 123.4

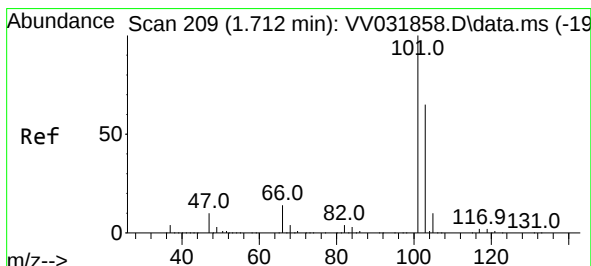
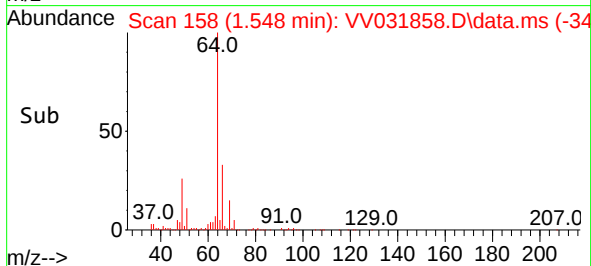
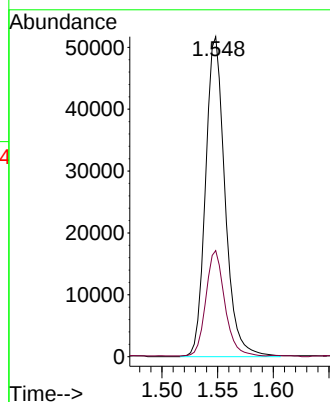
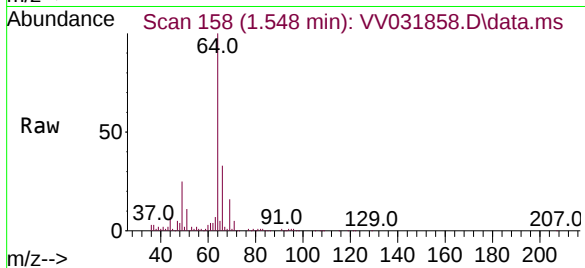




#8
Chloroethane
Concen: 58.988 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

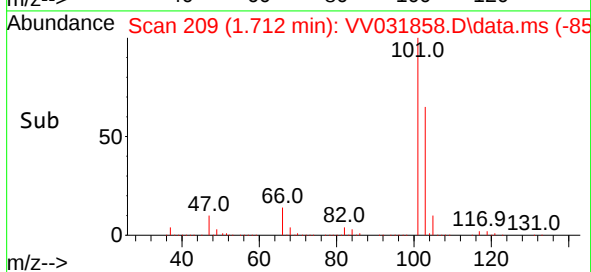
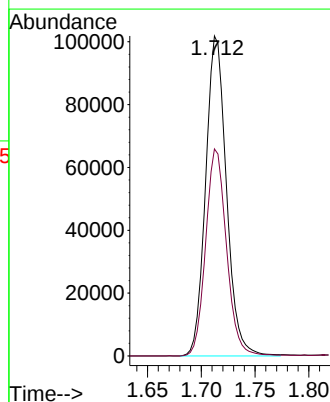
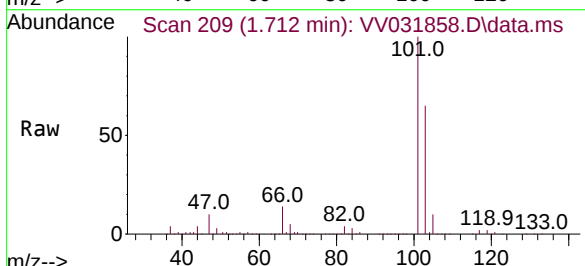
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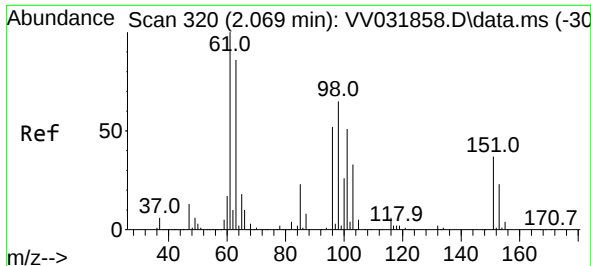
Tgt Ion: 64 Resp: 62934
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.035 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion:101 Resp: 137424
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

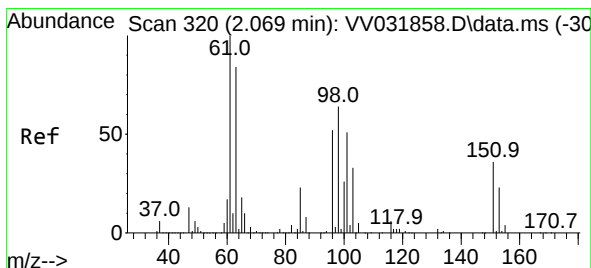
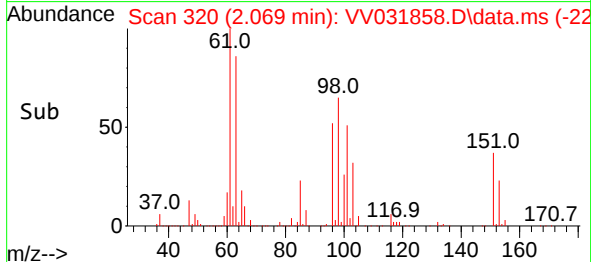
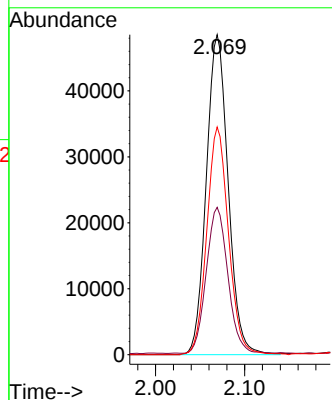
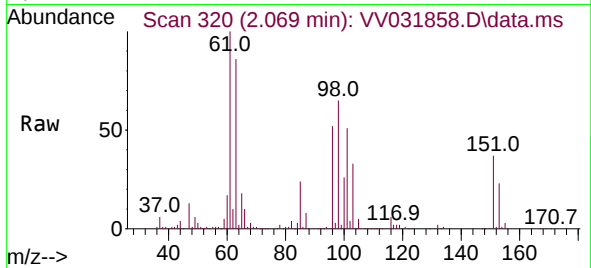




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.503 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031858.D
 Acq: 23 Aug 2023 10:21

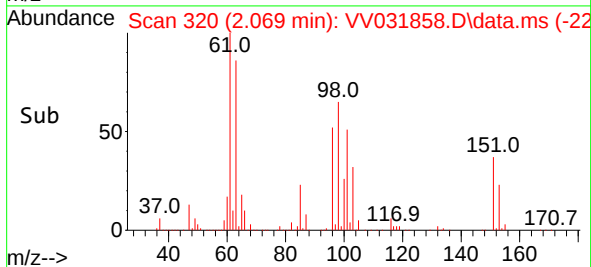
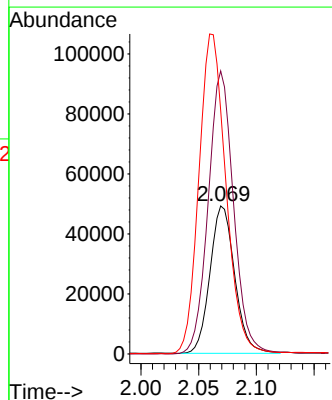
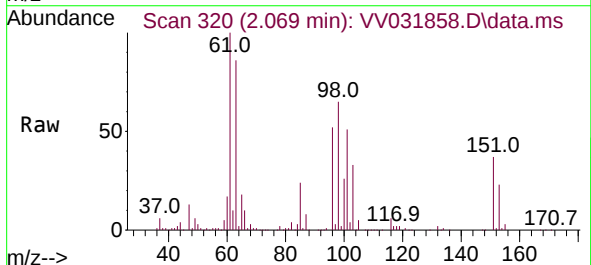
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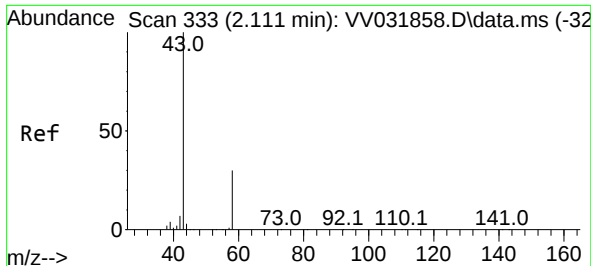
Tgt Ion:101 Resp: 82753
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.8 53.8
 151 70.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 55.554 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV031858.D
 Acq: 23 Aug 2023 10:21

Tgt Ion: 96 Resp: 73203
 Ion Ratio Lower Upper
 96 100
 61 191.2 133.8 248.6
 63 164.6 115.2 214.0





#13

Acetone

Concen: 140.848 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

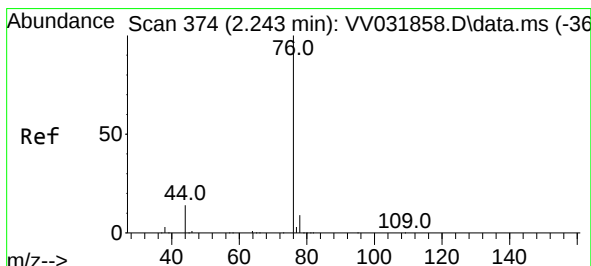
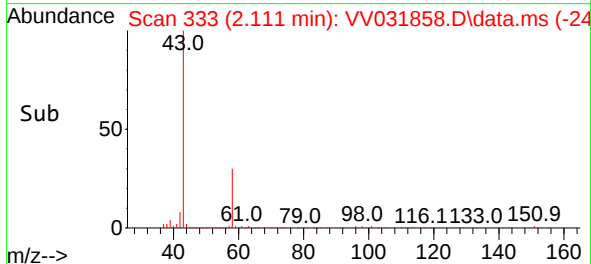
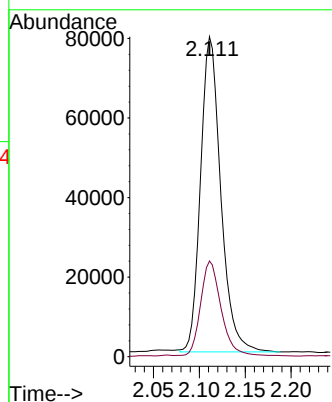
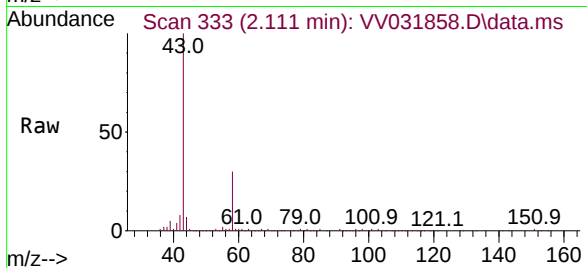
ClientSampleId :

Tgt Ion: 43 Resp: 121883

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.0



#14

Carbon disulfide

Concen: 49.725 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031858.D

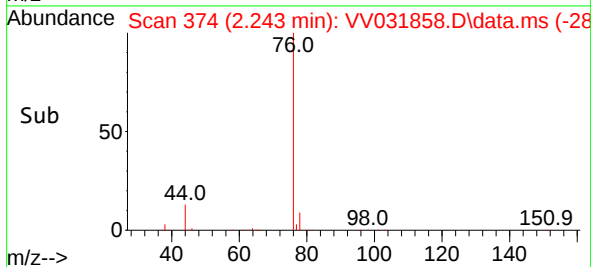
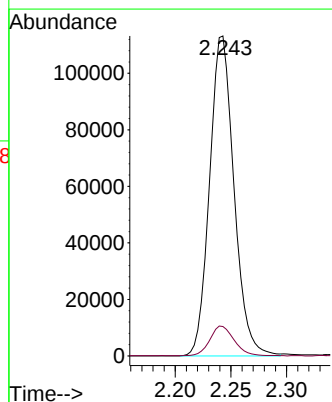
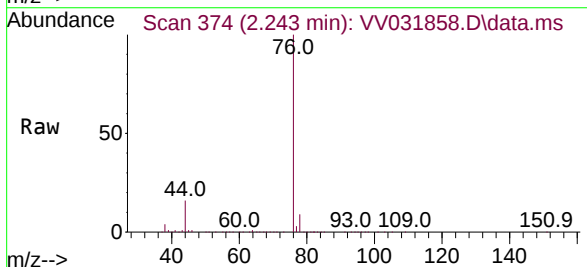
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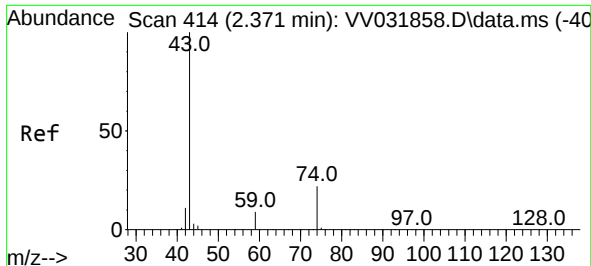
Tgt Ion: 76 Resp: 172820

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

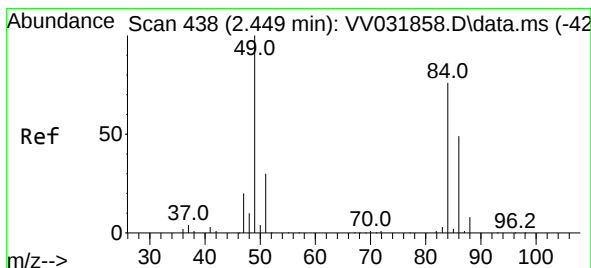
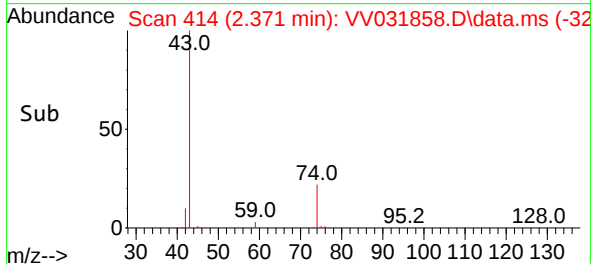
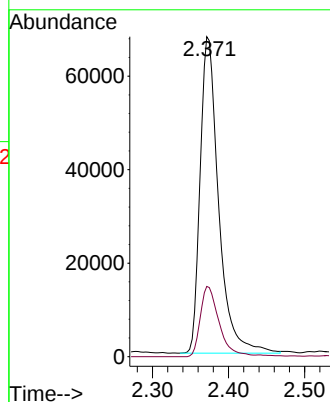
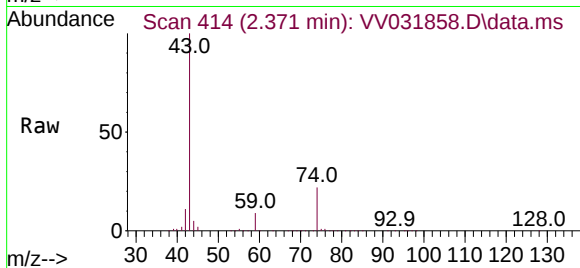




#15
Methyl Acetate
Concen: 55.493 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

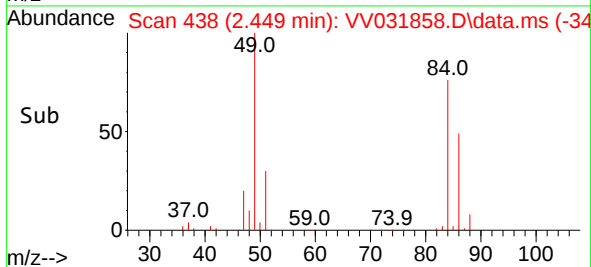
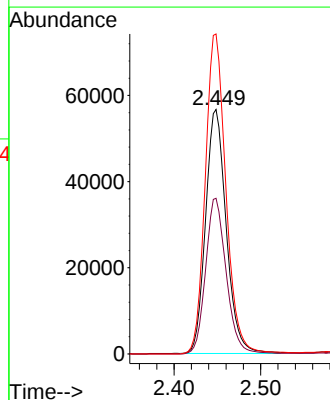
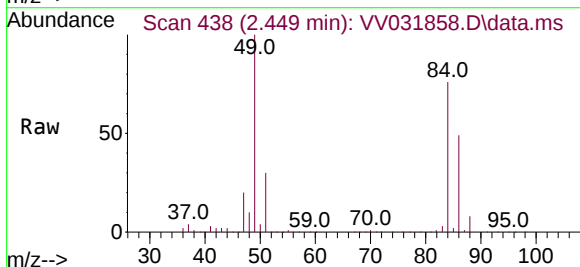
Instrument :
MSVOA_V
ClientSampleId :

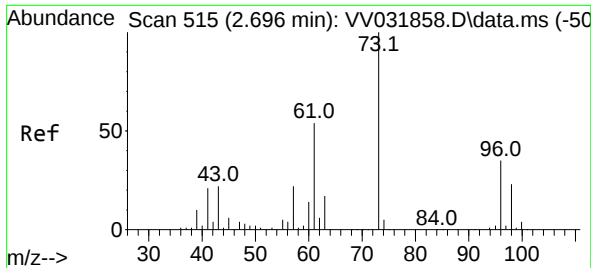
Tgt Ion: 43 Resp: 114351
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9



#16
Methylene chloride
Concen: 43.098 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion: 84 Resp: 93892
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 130.9 91.6 170.2

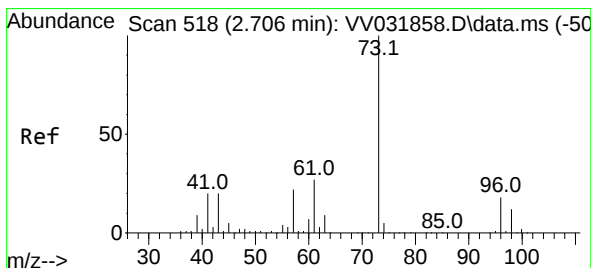
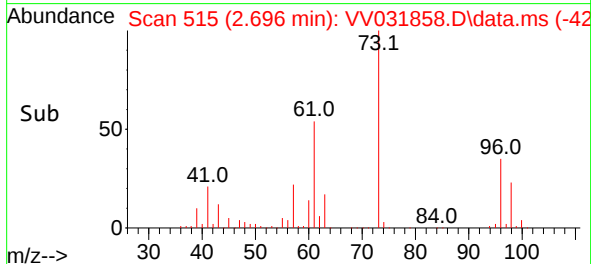
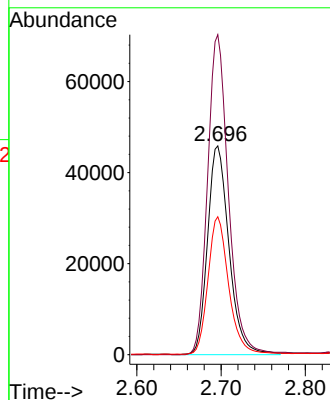
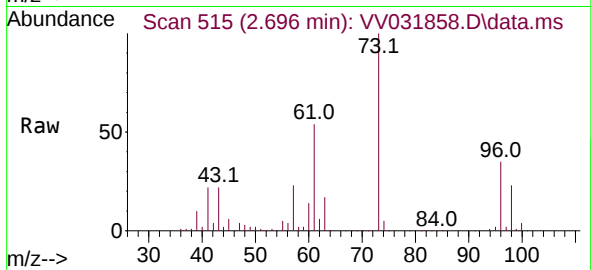




#17
trans-1,2-Dichloroethene
Concen: 47.193 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

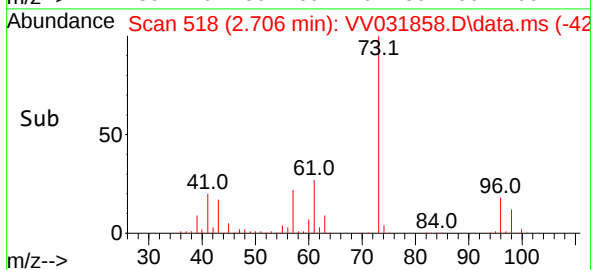
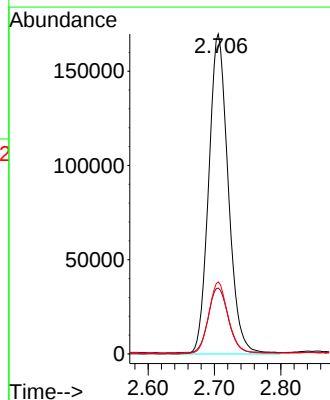
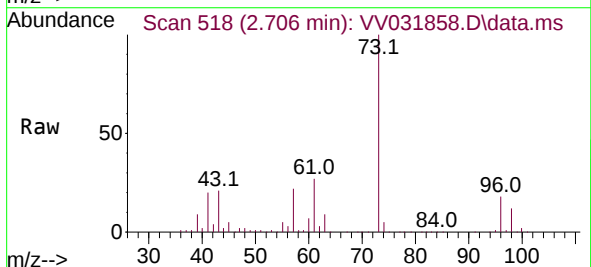
Instrument :
MSVOA_V
ClientSampleId :

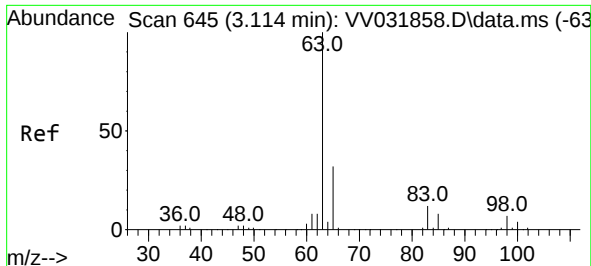
Tgt Ion: 96 Resp: 81519
Ion Ratio Lower Upper
96 100
61 153.3 107.3 199.3
98 66.1 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 55.403 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion: 73 Resp: 347531
Ion Ratio Lower Upper
73 100
43 20.8 16.6 25.0
57 22.0 17.6 26.4

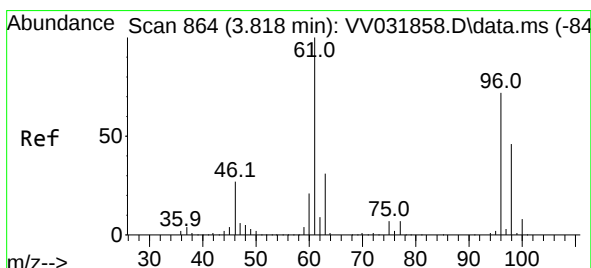
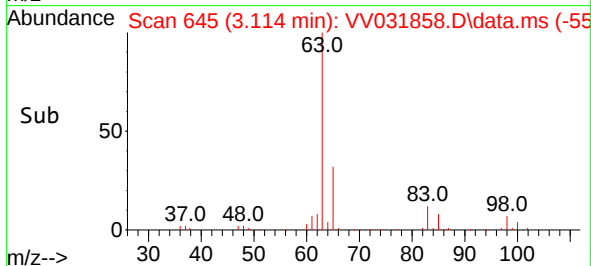
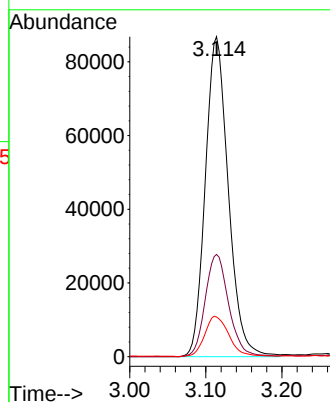
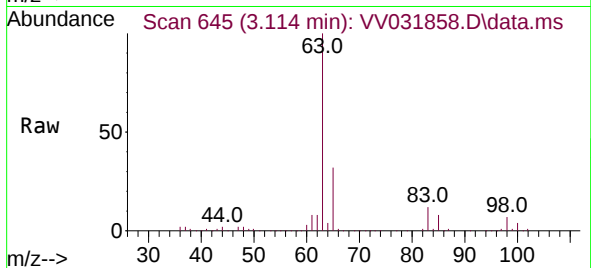




#19
1,1-Dichloroethane
Concen: 49.221 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

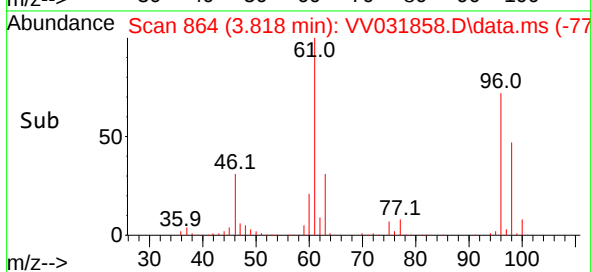
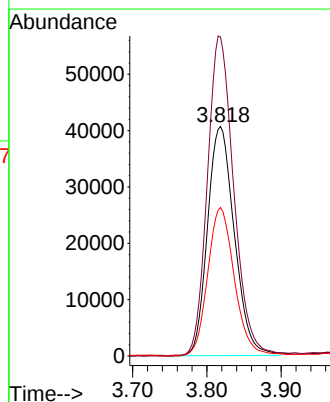
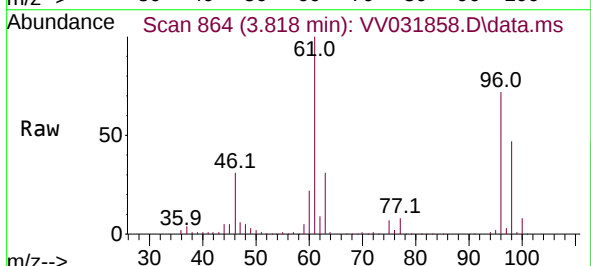
Instrument :
MSVOA_V
ClientSampleId :

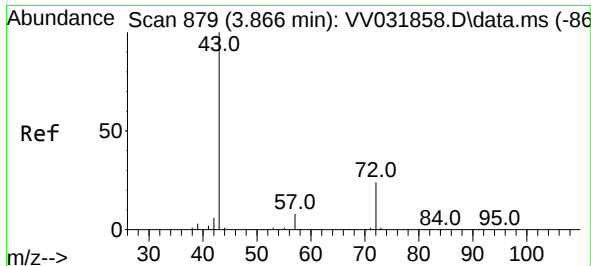
Tgt Ion: 63 Resp: 182498
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 12.4 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 49.226 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion: 96 Resp: 102255
Ion Ratio Lower Upper
96 100
61 139.0 97.3 180.7
98 64.7 45.3 84.1

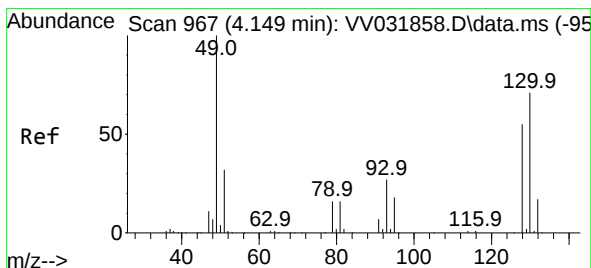
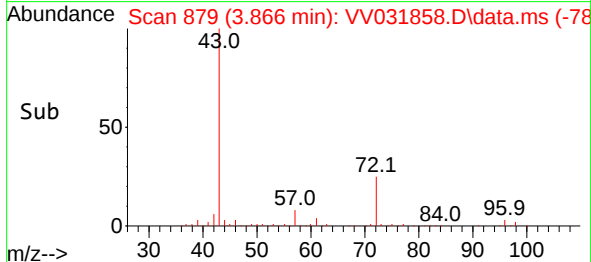
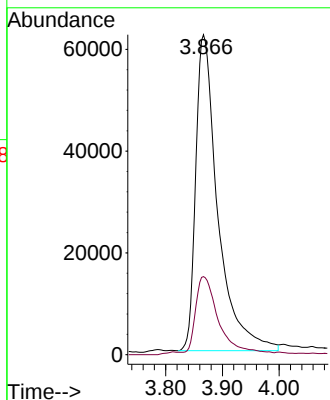
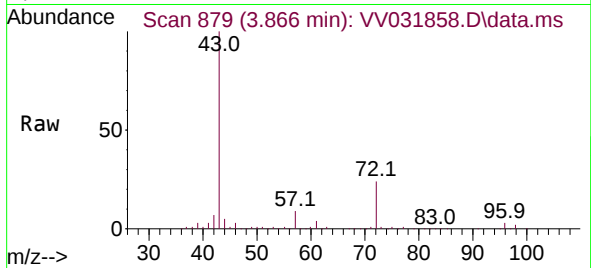




#22
2-Butanone
Concen: 111.935 ug/L
RT: 3.866 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

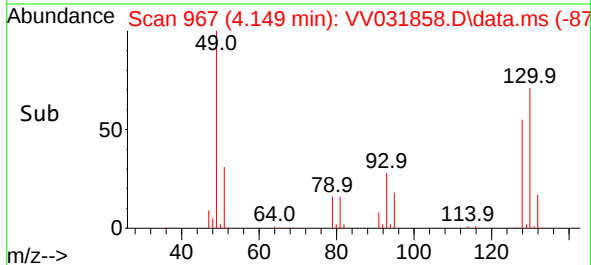
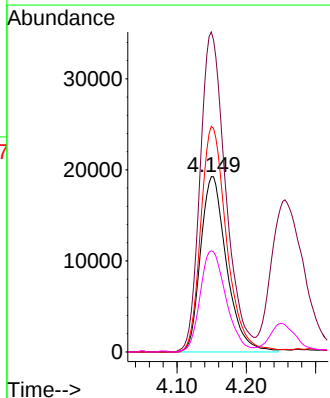
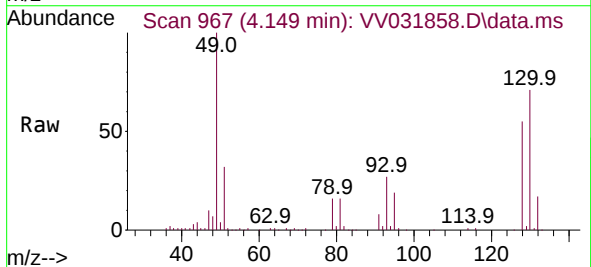
Instrument :
MSVOA_V
ClientSampleId :

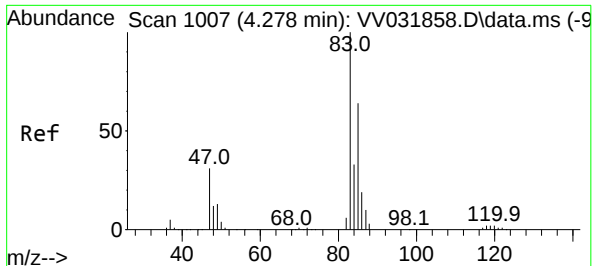
Tgt Ion: 43 Resp: 168682
Ion Ratio Lower Upper
43 100
72 25.2 12.6 37.8



#23
Bromochloromethane
Concen: 46.394 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion: 128 Resp: 50131
Ion Ratio Lower Upper
128 100
49 182.6 127.8 237.4
130 128.7 90.1 167.3
51 57.7 46.2 69.2





#25

Chloroform

Concen: 45.622 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

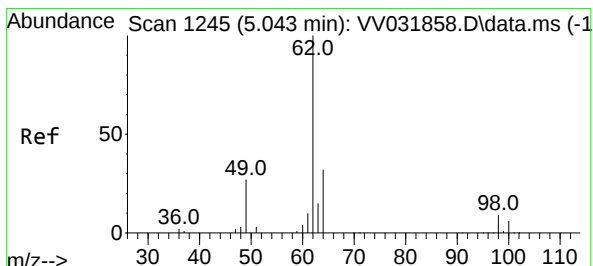
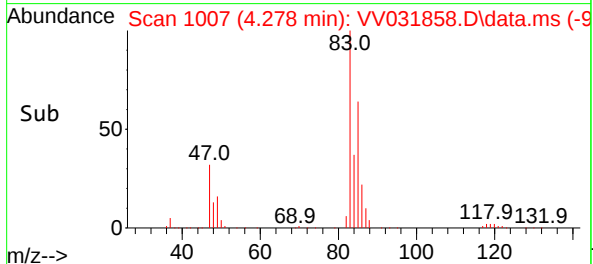
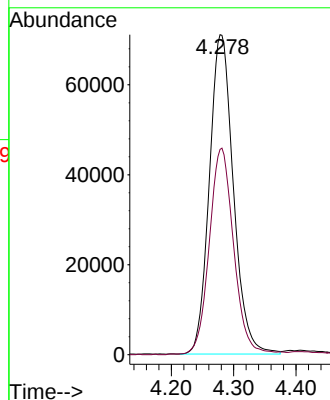
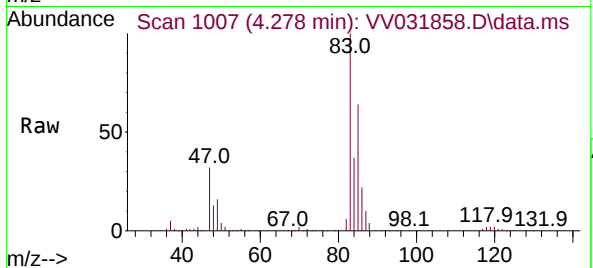
ClientSampleId :

Tgt Ion: 83 Resp: 189977

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 48.393 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV031858.D

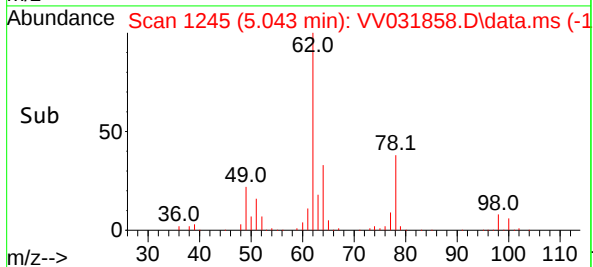
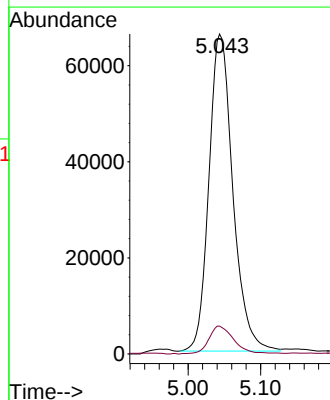
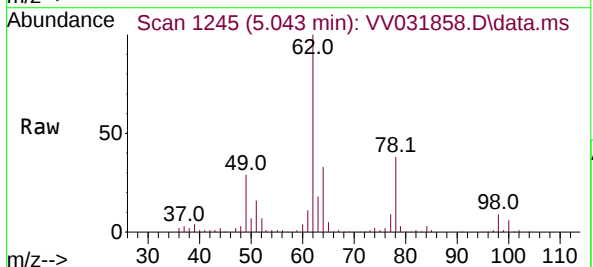
Acq: 23 Aug 2023 10:21

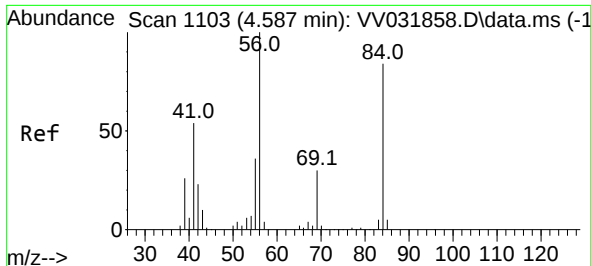
Tgt Ion: 62 Resp: 151374

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.4





#29

Cyclohexane

Concen: 52.441 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

ClientSampleId :

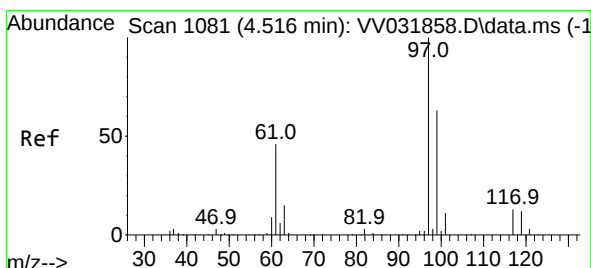
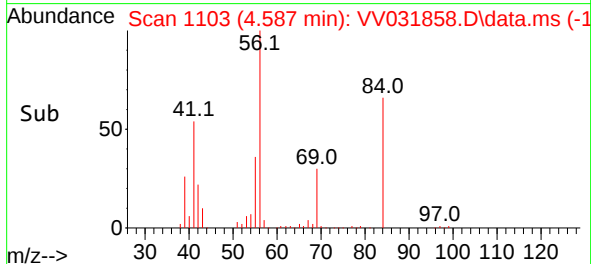
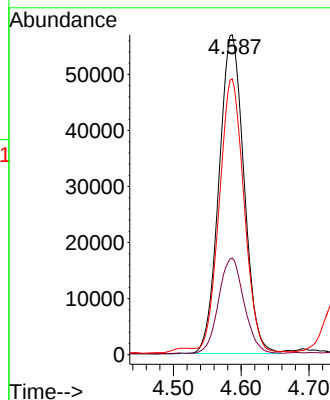
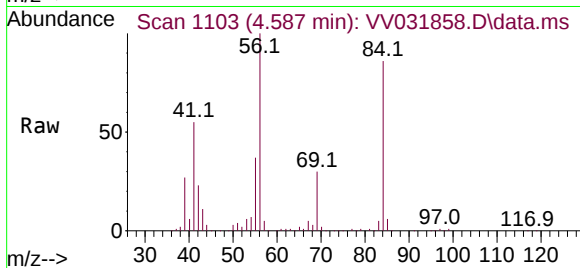
Tgt Ion: 56 Resp: 145668

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 84.4 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 40.958 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

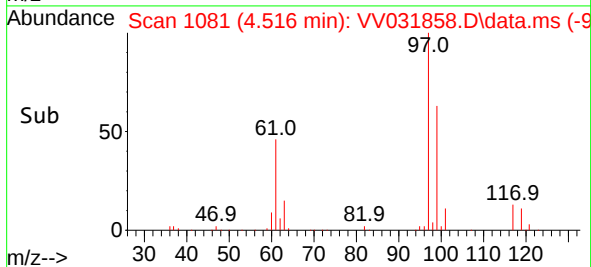
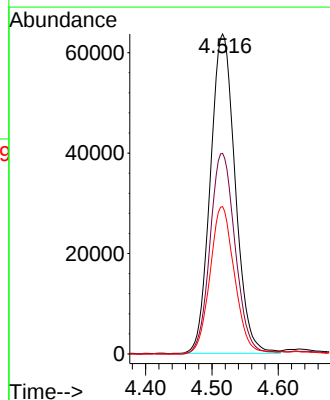
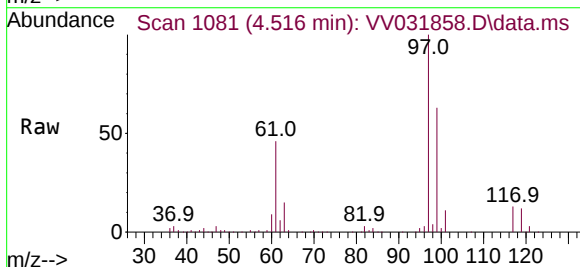
Tgt Ion: 97 Resp: 165570

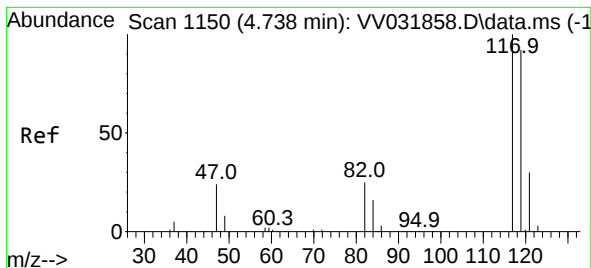
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 45.6 36.5 54.7





#31

Carbon tetrachloride

Concen: 37.824 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

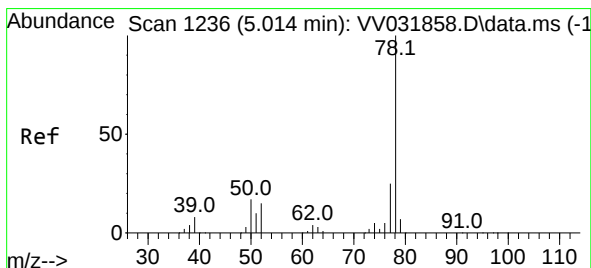
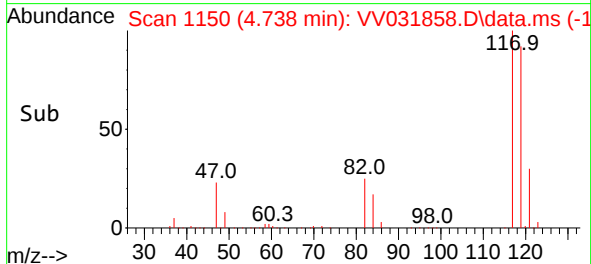
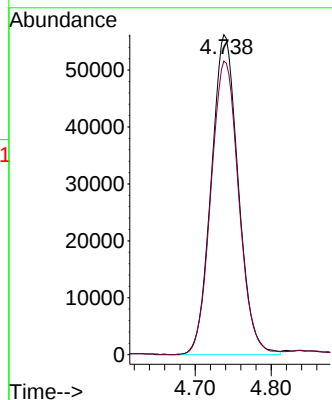
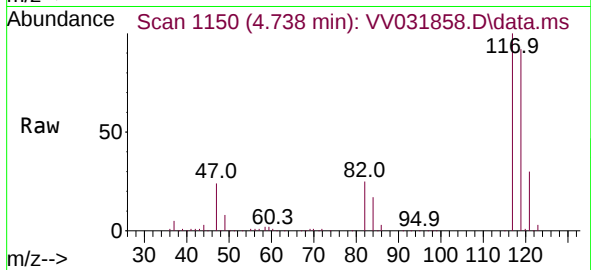
ClientSampleId :

Tgt Ion:117 Resp: 138608

Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.2



#33

Benzene

Concen: 46.322 ug/L

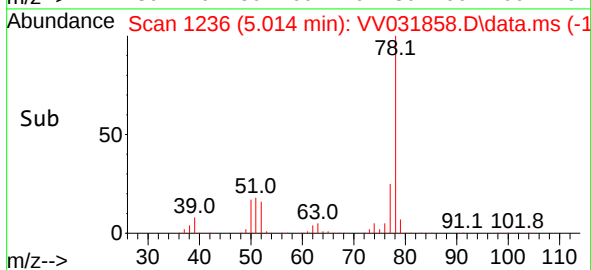
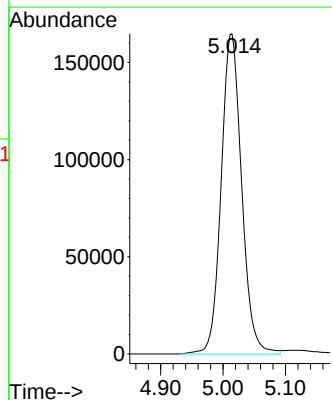
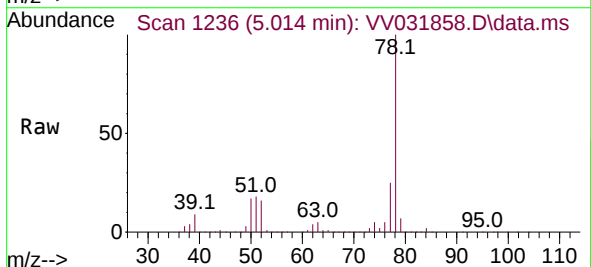
RT: 5.014 min Scan# 1236

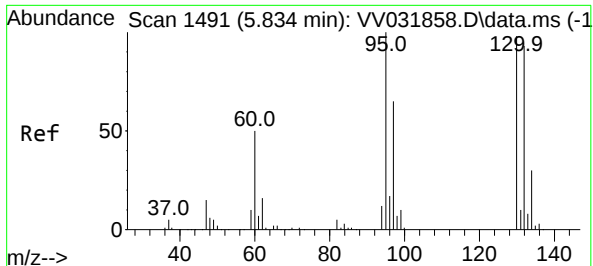
Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Tgt Ion: 78 Resp: 375497

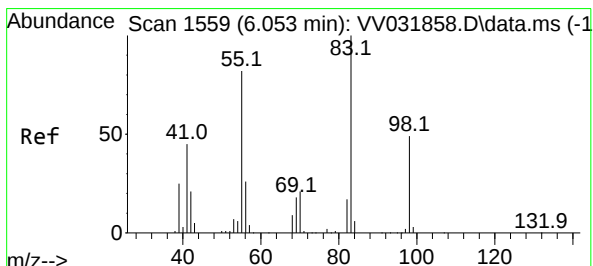
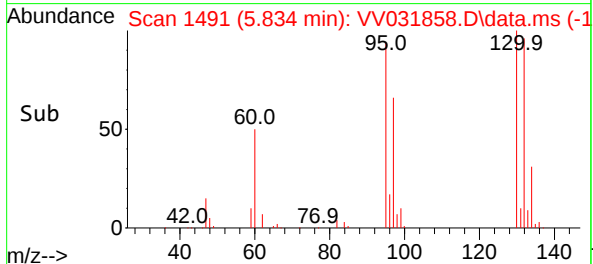
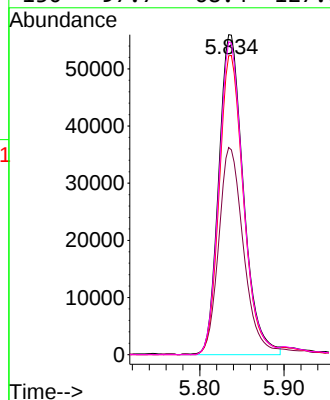
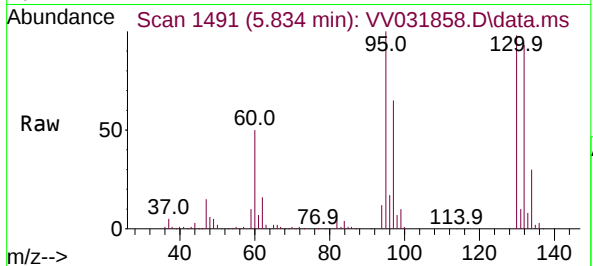




#34
Trichloroethene
Concen: 42.535 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

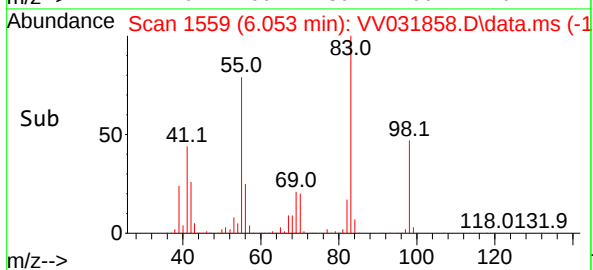
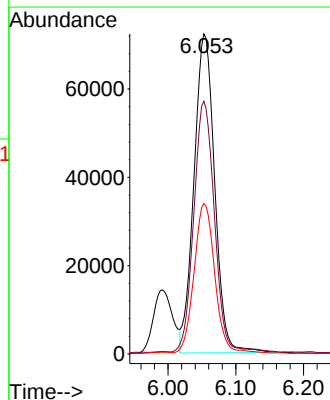
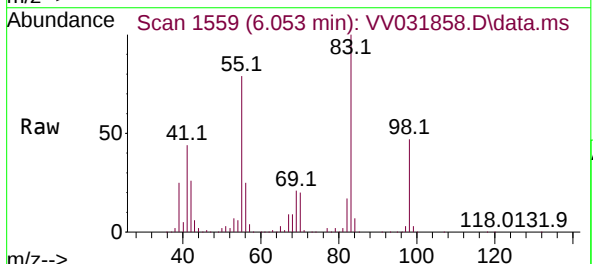
Instrument :
MSVOA_V
ClientSampleId :

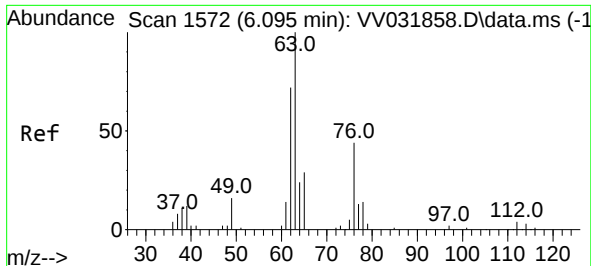
Tgt Ion: 95 Resp: 114041
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.2
132 93.4 65.4 121.4
130 97.7 68.4 127.0



#35
Methylcyclohexane
Concen: 47.619 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion: 83 Resp: 153371
Ion Ratio Lower Upper
83 100
55 77.7 62.2 93.2
98 45.9 36.7 55.1





#37

1,2-Dichloropropane

Concen: 46.481 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

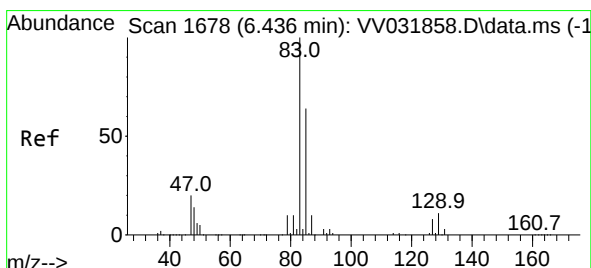
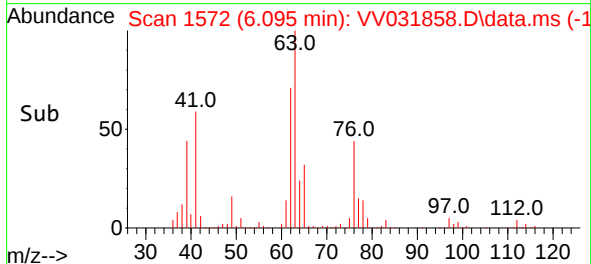
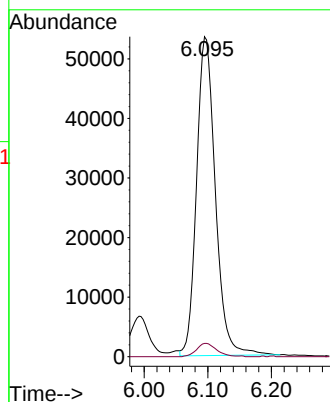
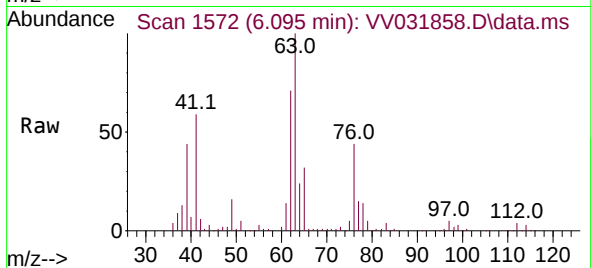
ClientSampleId :

Tgt Ion: 63 Resp: 109868

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 45.023 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

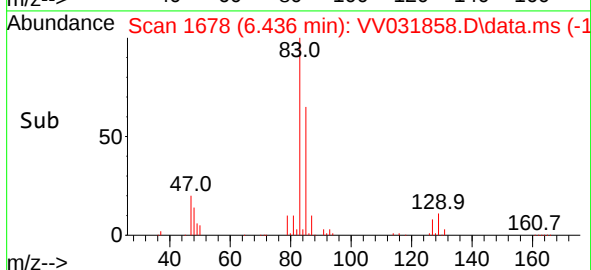
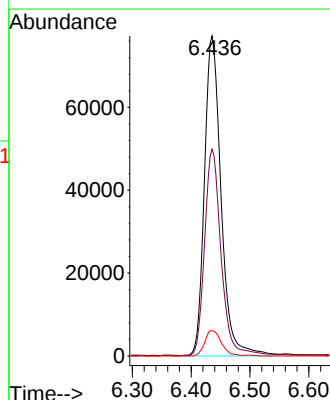
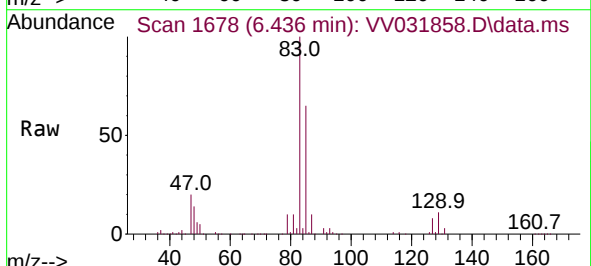
Tgt Ion: 83 Resp: 152419

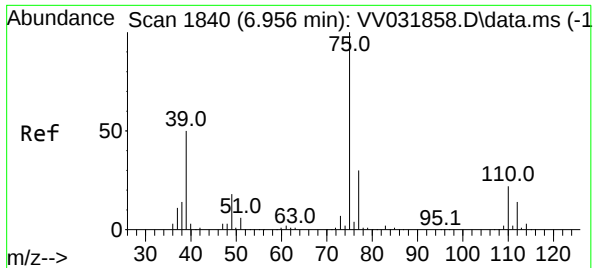
Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 55.045 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

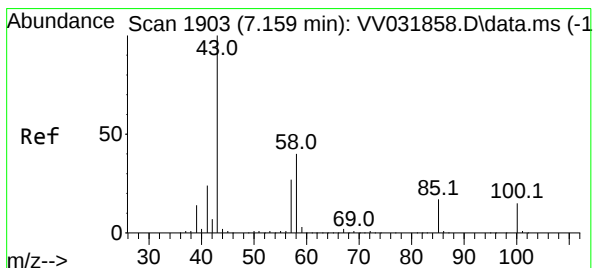
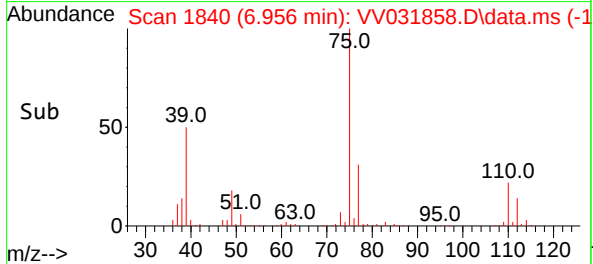
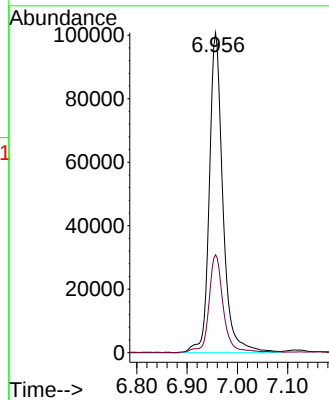
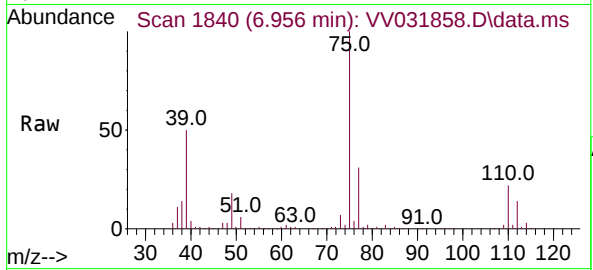
ClientSampleId :

Tgt Ion: 75 Resp: 189367

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 121.161 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

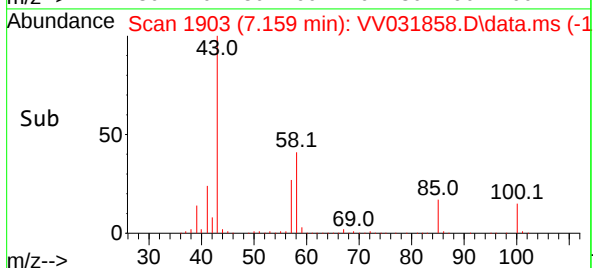
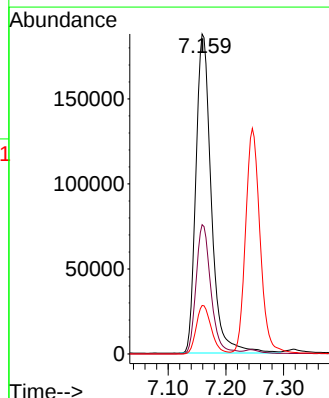
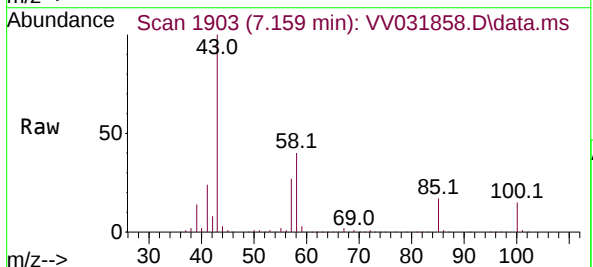
Tgt Ion: 43 Resp: 348167

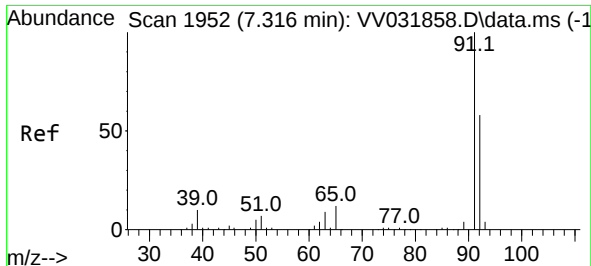
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 14.9 11.9 17.9

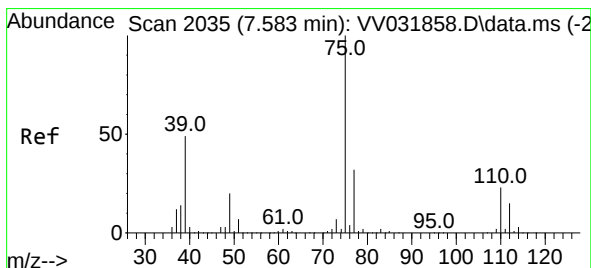
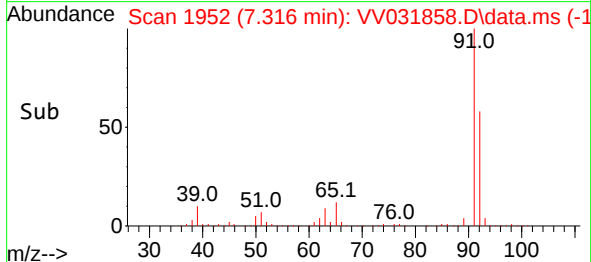
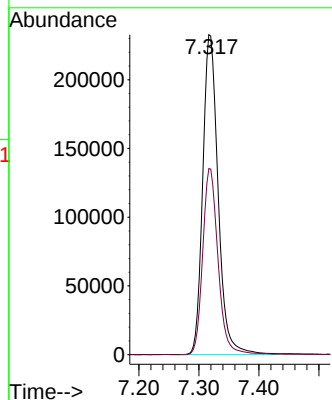
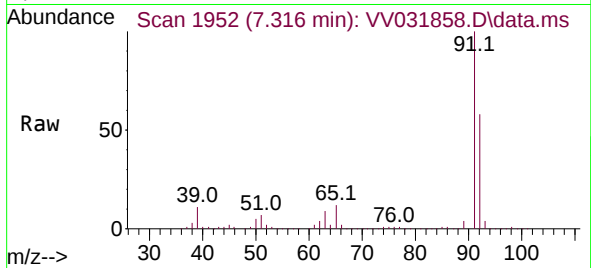




#42
Toluene
Concen: 49.067 ug/L
RT: 7.316 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

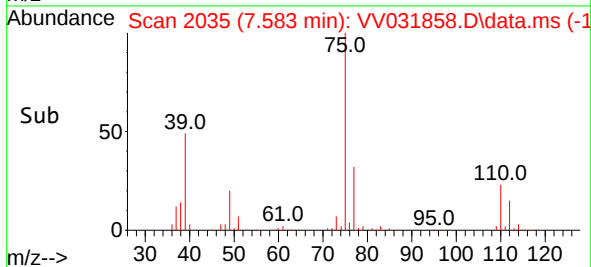
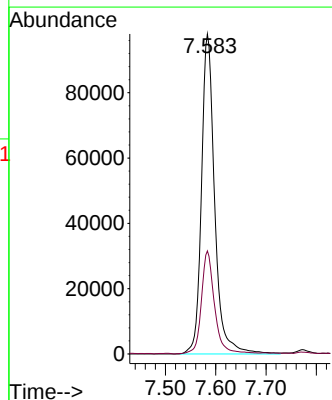
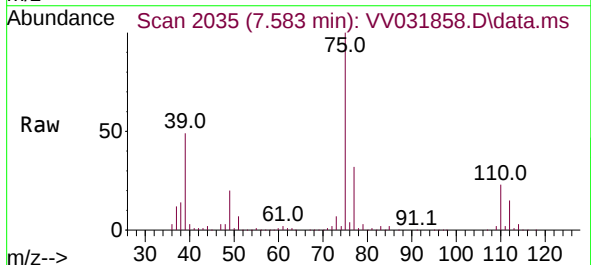
Instrument :
MSVOA_V
ClientSampleId :

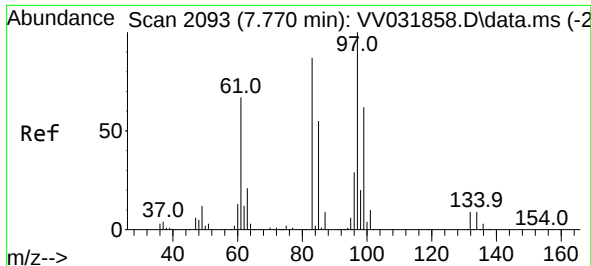
Tgt Ion: 91 Resp: 415838
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 54.603 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion: 75 Resp: 179280
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 47.624 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 107189

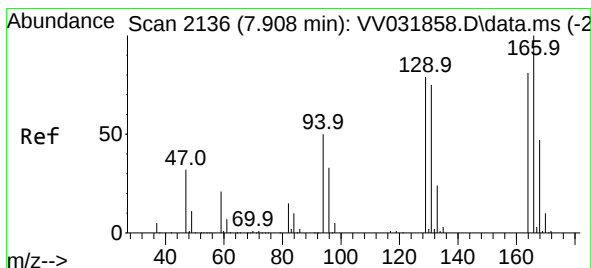
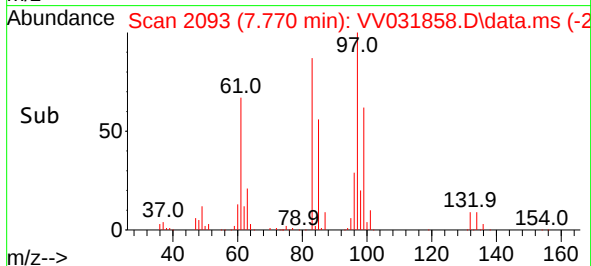
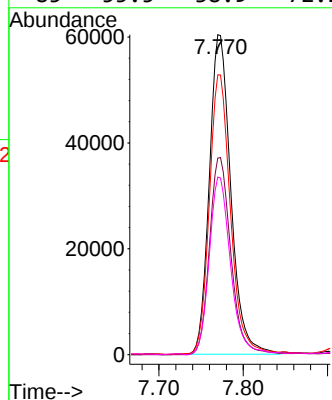
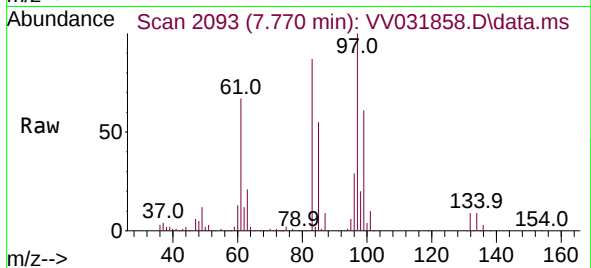
Ion Ratio Lower Upper

97 100

99 61.4 43.0 79.8

83 87.4 61.2 113.6

85 55.5 38.9 72.2



#46

Tetrachloroethene

Concen: 43.019 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Tgt Ion:164 Resp: 72712

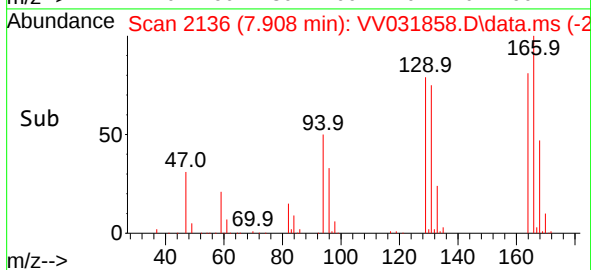
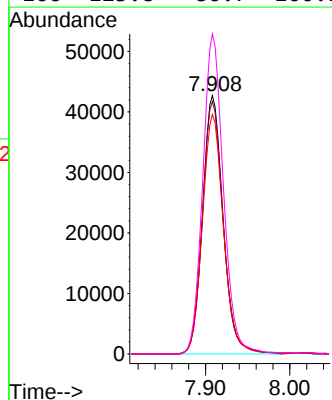
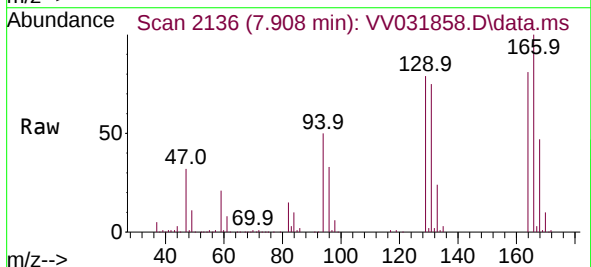
Ion Ratio Lower Upper

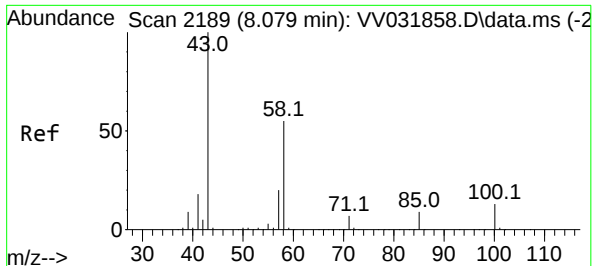
164 100

129 97.6 68.3 126.9

131 92.7 64.9 120.5

166 123.8 86.7 160.9

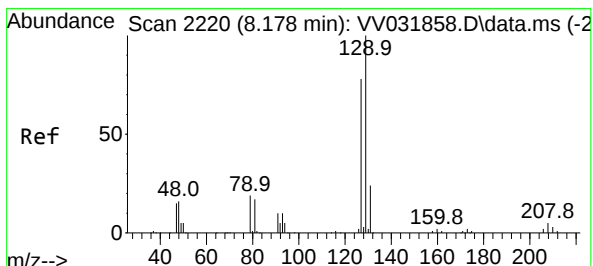
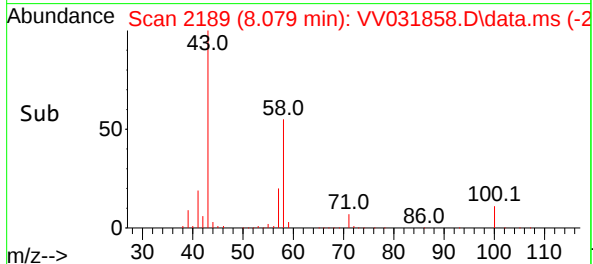
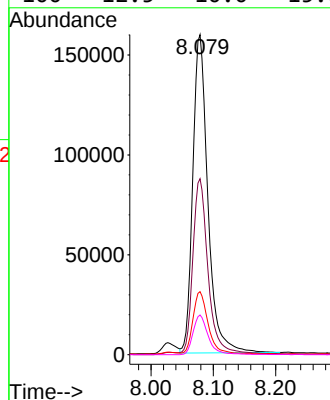
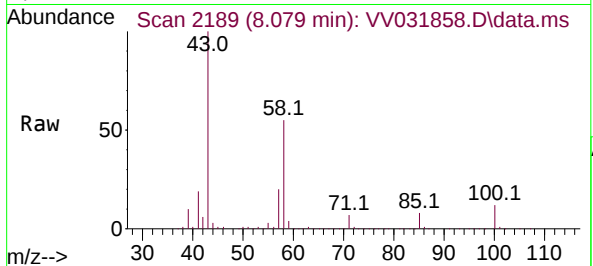




#48
2-Hexanone
Concen: 123.050 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

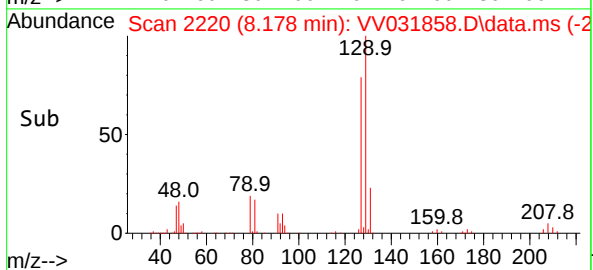
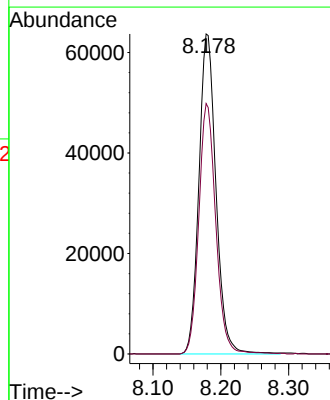
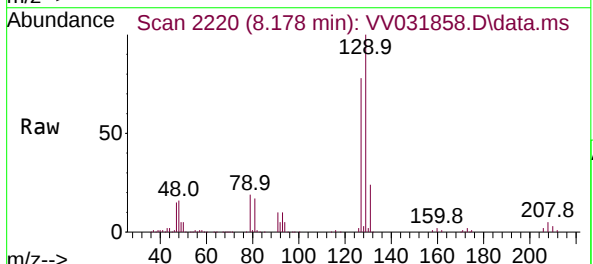
Instrument :
MSVOA_V
ClientSampleId :

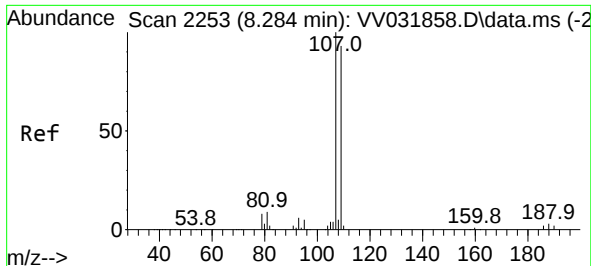
Tgt Ion: 43 Resp: 267673
Ion Ratio Lower Upper
43 100
58 55.0 44.0 66.0
57 19.9 15.9 23.9
100 12.5 10.0 15.0



#49
Dibromochloromethane
Concen: 41.838 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion:129 Resp: 111457
Ion Ratio Lower Upper
129 100
127 78.2 54.7 101.7

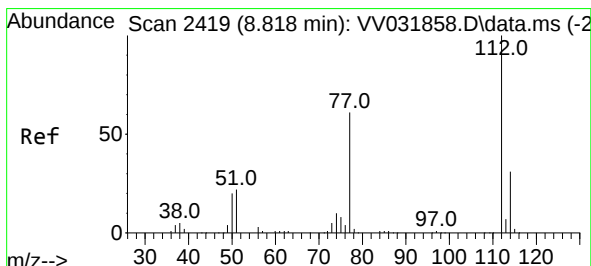
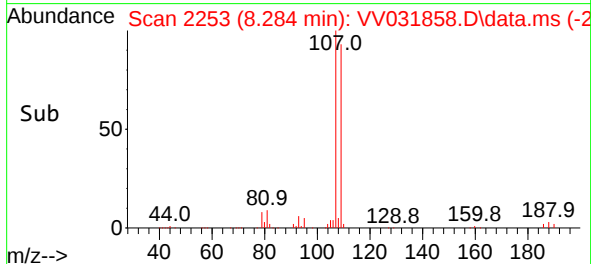
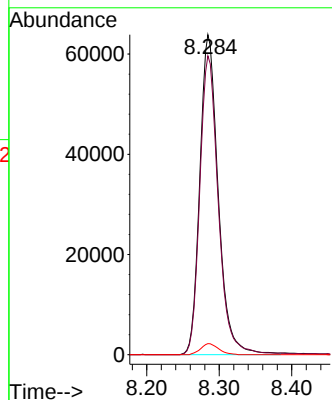
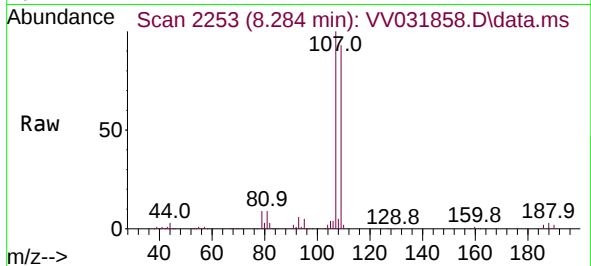




#50
1,2-Dibromoethane
Concen: 44.215 ug/L
RT: 8.284 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

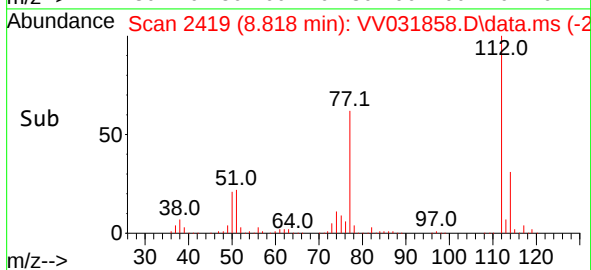
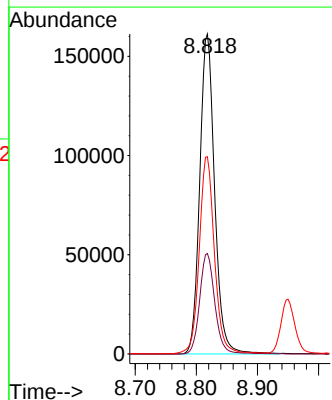
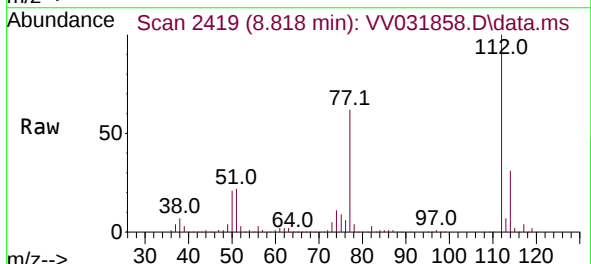
Instrument :
MSVOA_V
ClientSampleId :

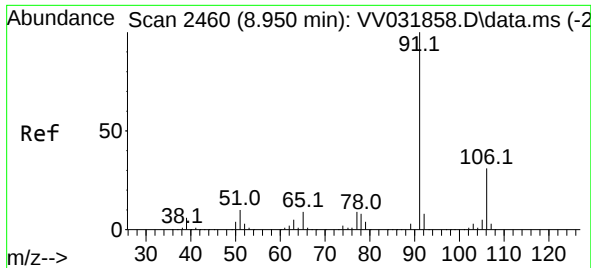
Tgt Ion:107 Resp: 112859
Ion Ratio Lower Upper
107 100
109 93.4 65.4 121.4
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 46.769 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion:112 Resp: 273310
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 61.7 49.4 74.0





#52

Ethylbenzene

Concen: 51.048 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

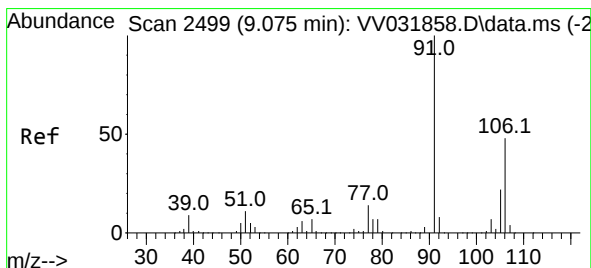
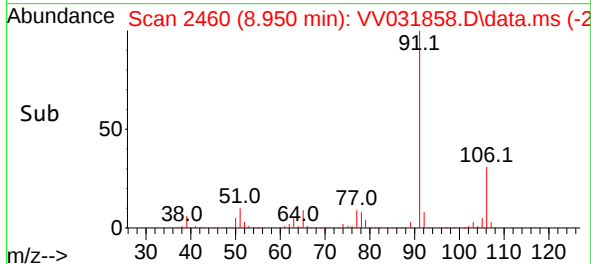
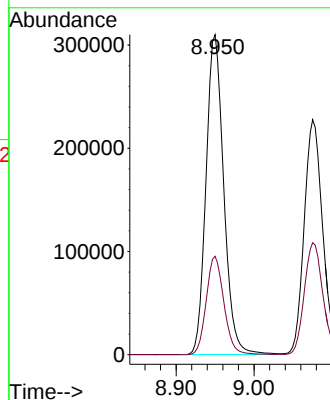
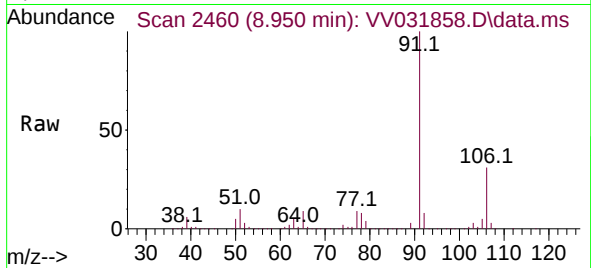
ClientSampleId :

Tgt Ion: 91 Resp: 489370

Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



#53

m,p-Xylene

Concen: 54.809 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV031858.D

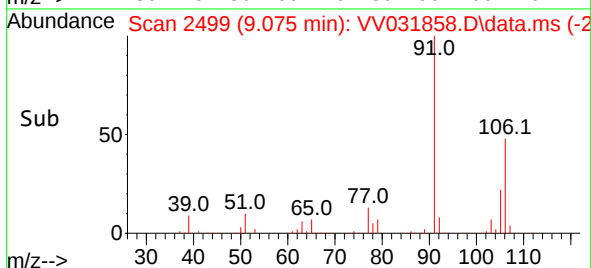
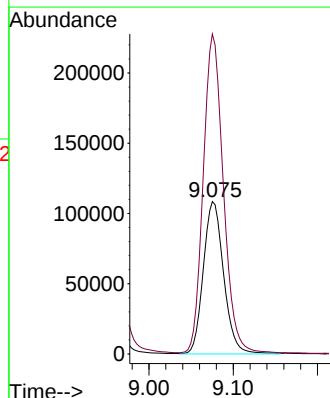
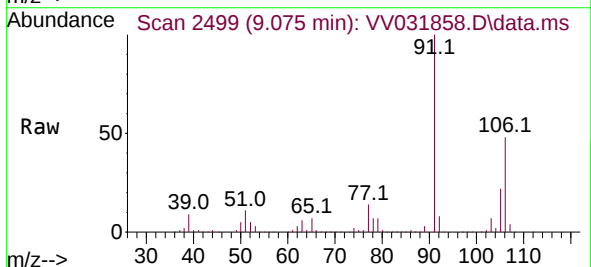
Acq: 23 Aug 2023 10:21

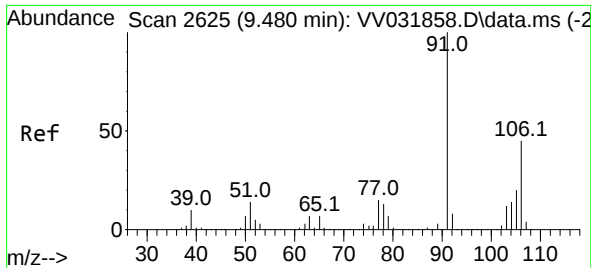
Tgt Ion: 106 Resp: 182776

Ion Ratio Lower Upper

106 100

91 210.0 147.0 273.0

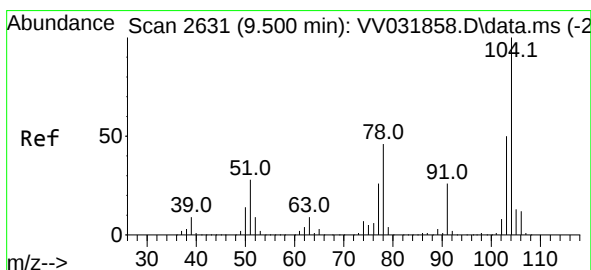
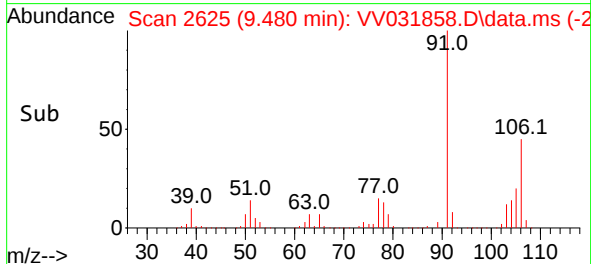
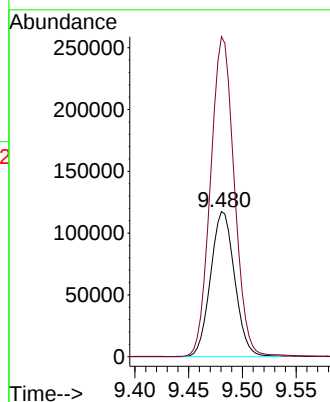
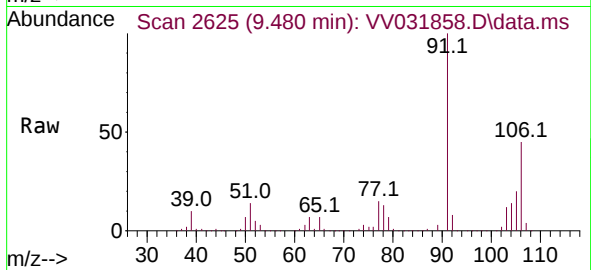




#54
o-Xylene
Concen: 59.906 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

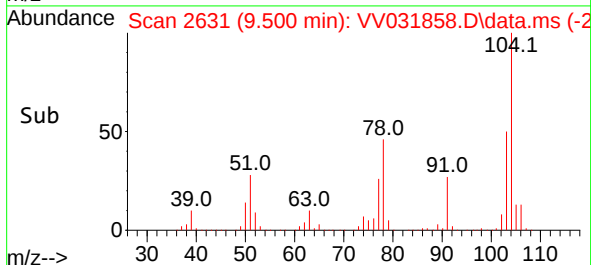
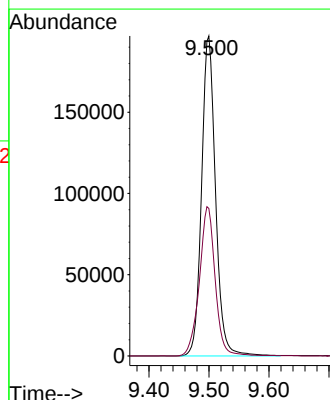
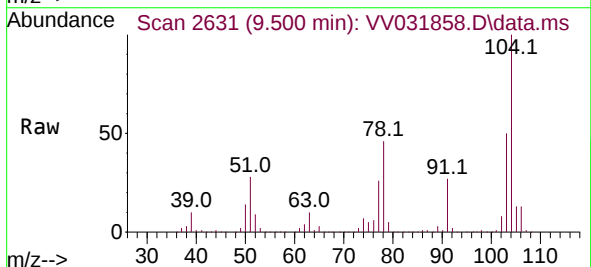
Instrument :
MSVOA_V
ClientSampleId :

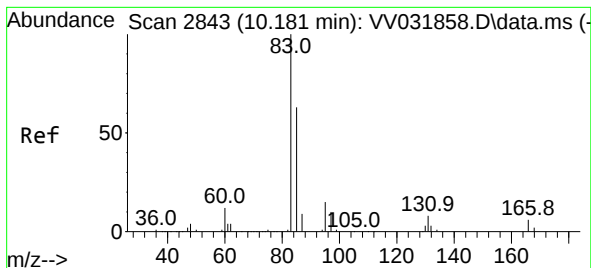
Tgt Ion:106 Resp: 183357
Ion Ratio Lower Upper
106 100
91 220.4 154.3 286.5



#55
Styrene
Concen: 58.352 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion:104 Resp: 320028
Ion Ratio Lower Upper
104 100
78 46.1 32.3 59.9

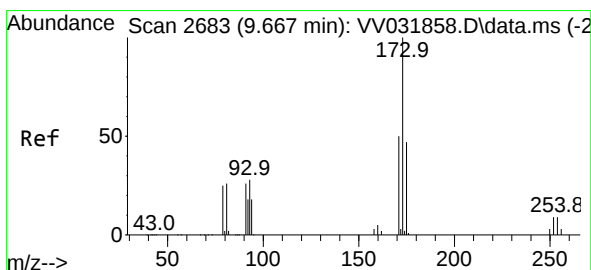
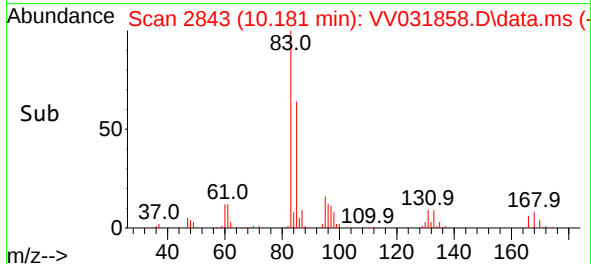
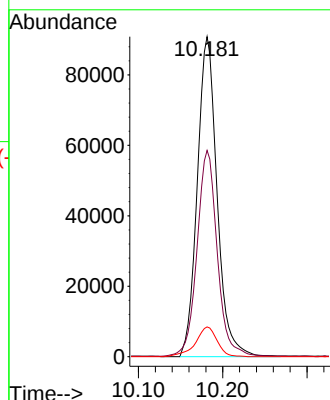
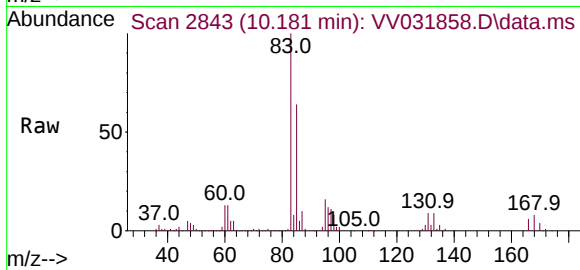




#57
1,1,2,2-Tetrachloroethane
Concen: 47.899 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

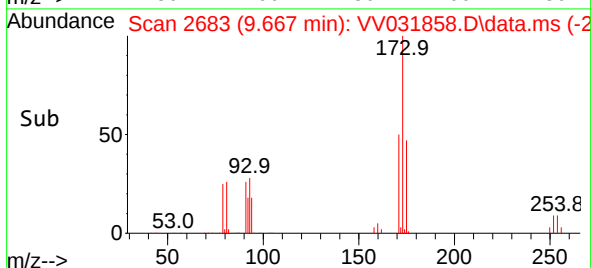
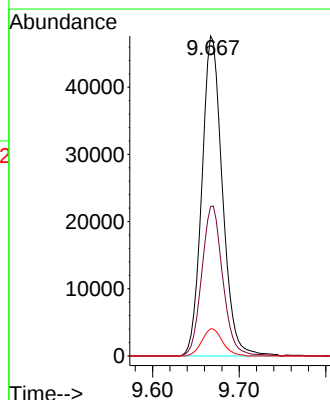
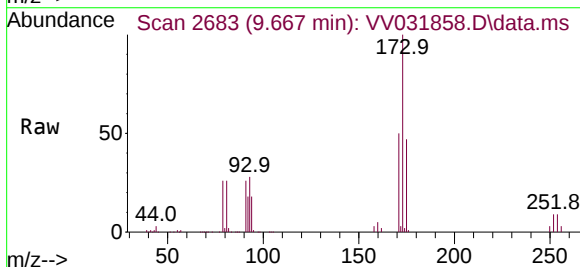
Instrument :
MSVOA_V
ClientSampleId :

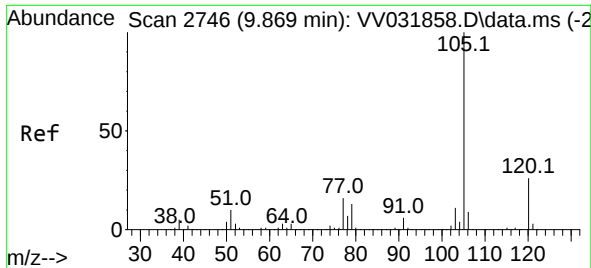
Tgt Ion: 83 Resp: 148843
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
131 9.3 7.4 11.2



#59
Bromoform
Concen: 45.800 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion: 173 Resp: 78580
Ion Ratio Lower Upper
173 100
175 47.9 38.3 57.5
254 8.6 6.9 10.3

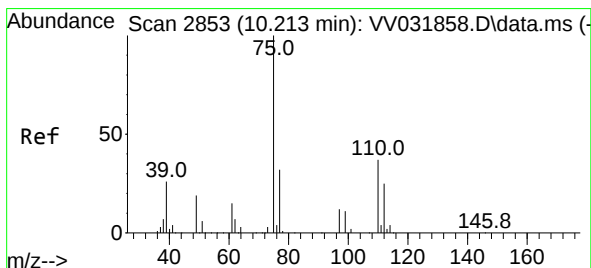
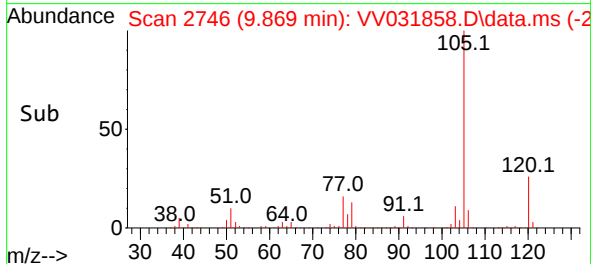
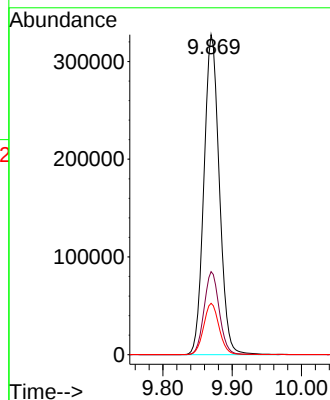
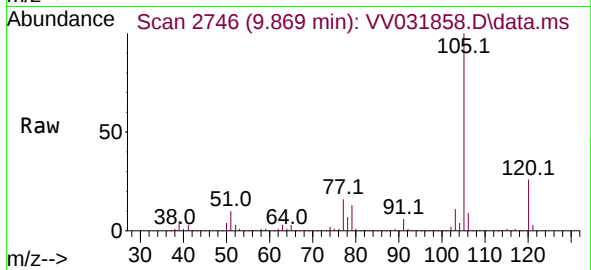




#60
Isopropylbenzene
Concen: 60.206 ug/L
RT: 9.869 min Scan# 2746
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

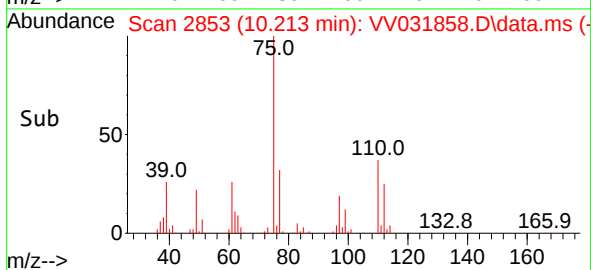
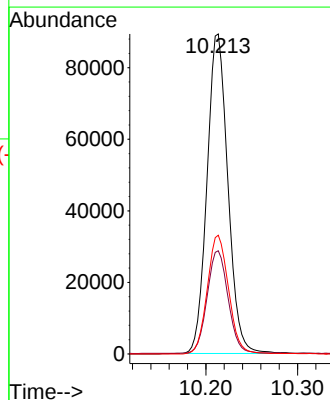
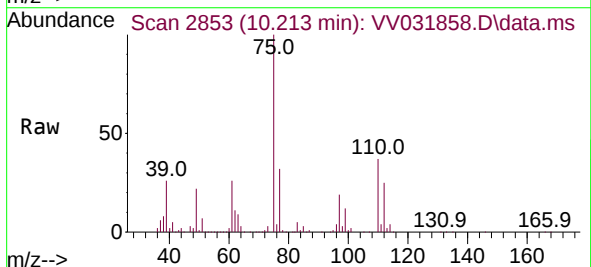
Instrument :
MSVOA_V
ClientSampleId :

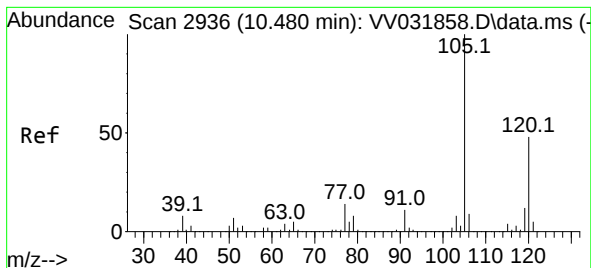
Tgt Ion:105 Resp: 504285
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.0 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 49.942 ug/L
RT: 10.213 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion: 75 Resp: 141190
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 37.9 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 62.485 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

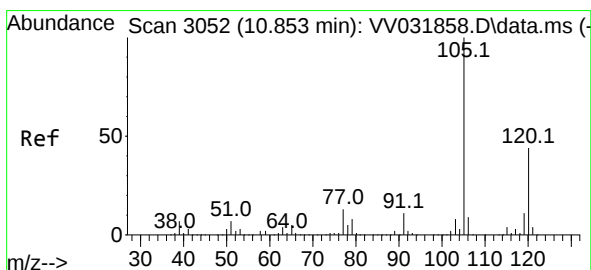
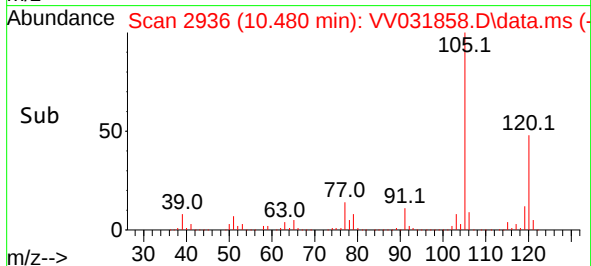
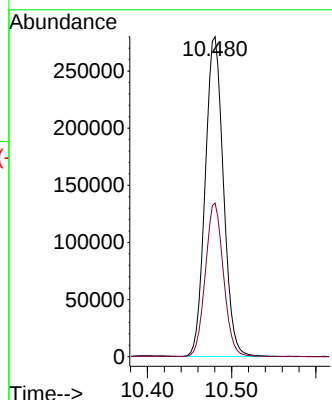
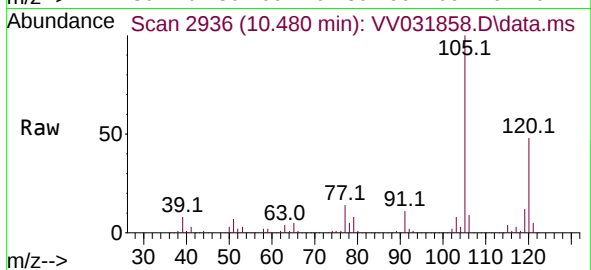
ClientSampleId :

Tgt Ion:105 Resp: 420913

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 61.797 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV031858.D

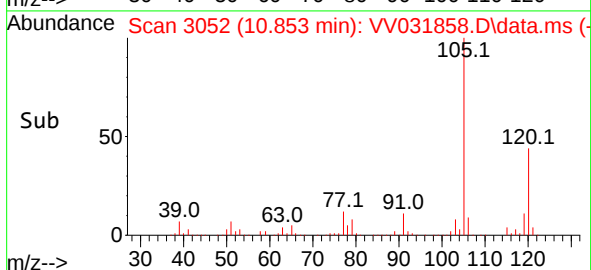
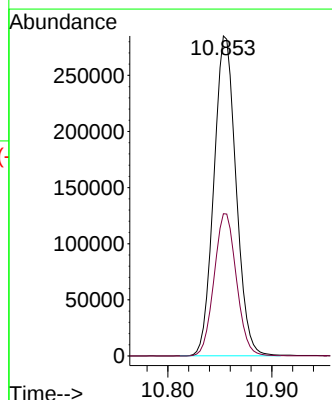
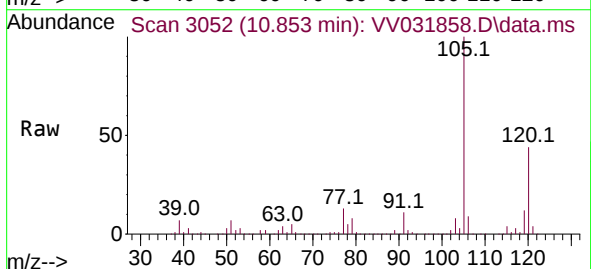
Acq: 23 Aug 2023 10:21

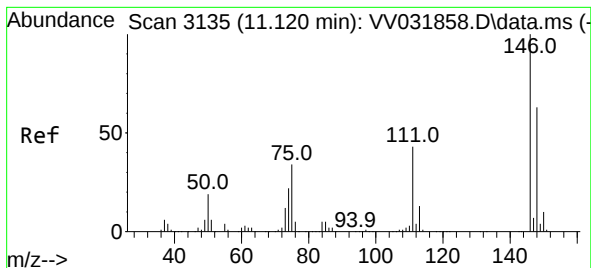
Tgt Ion:105 Resp: 422388

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 49.491 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

ClientSampleId :

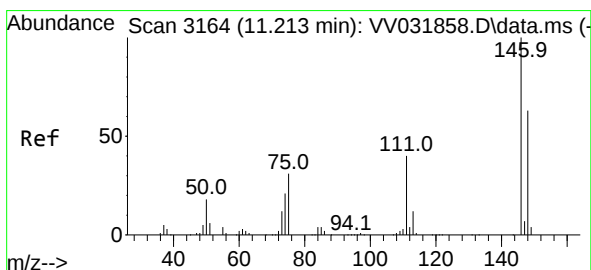
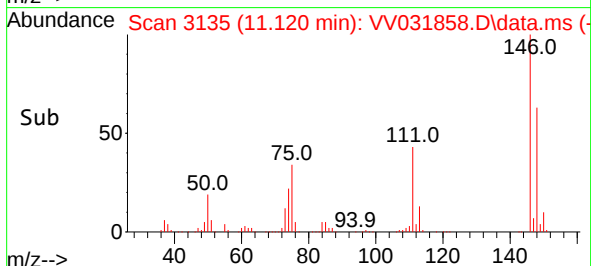
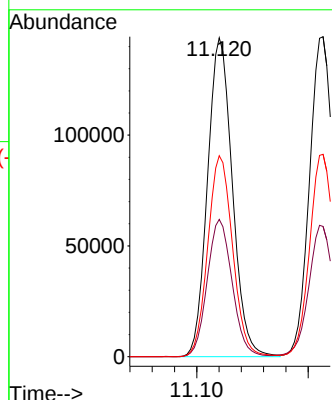
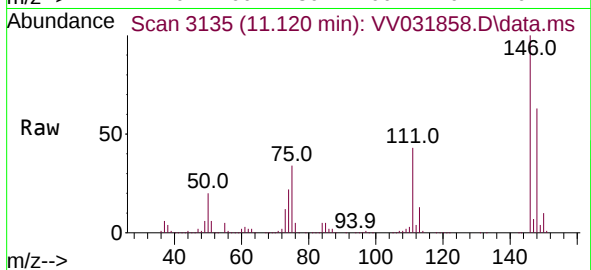
Tgt Ion:146 Resp: 222987

Ion Ratio Lower Upper

146 100

111 43.1 30.2 56.0

148 63.0 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 47.731 ug/L

RT: 11.213 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

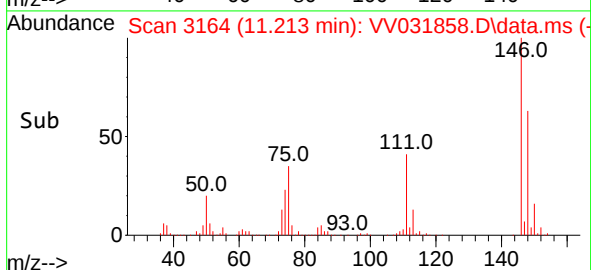
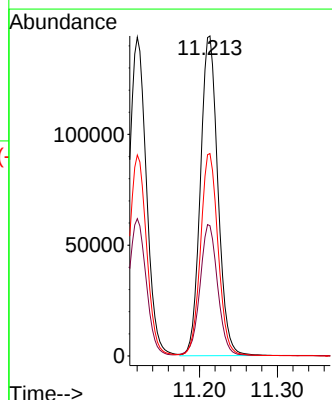
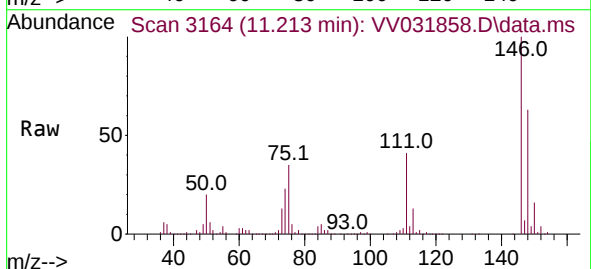
Tgt Ion:146 Resp: 224931

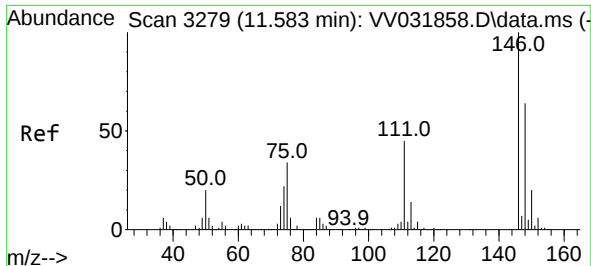
Ion Ratio Lower Upper

146 100

111 40.7 28.5 52.9

148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 48.071 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

ClientSampleId :

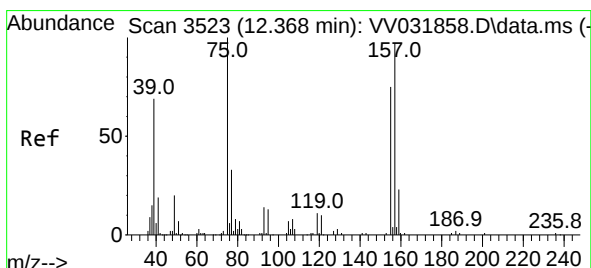
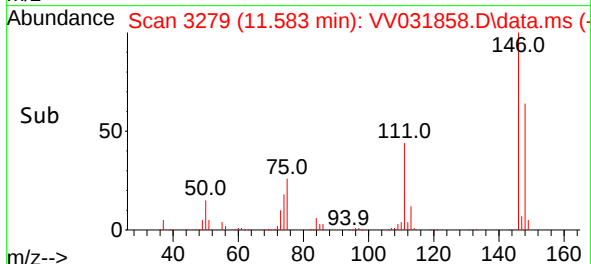
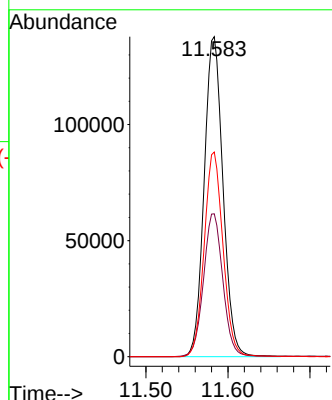
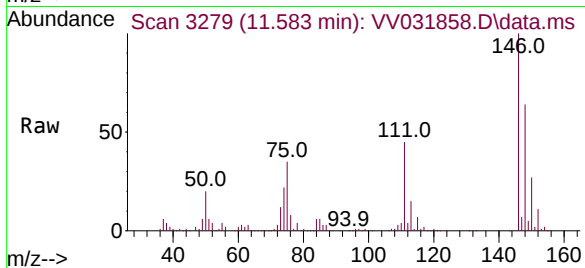
Tgt Ion:146 Resp: 220123

Ion Ratio Lower Upper

146 100

111 44.7 35.8 53.6

148 63.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 50.827 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

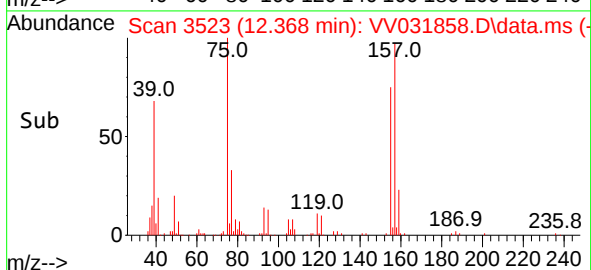
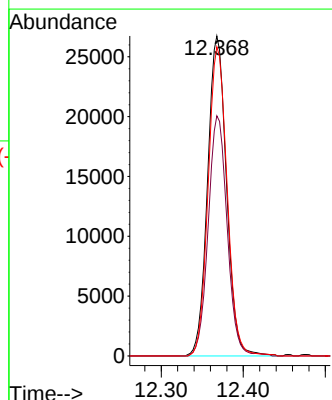
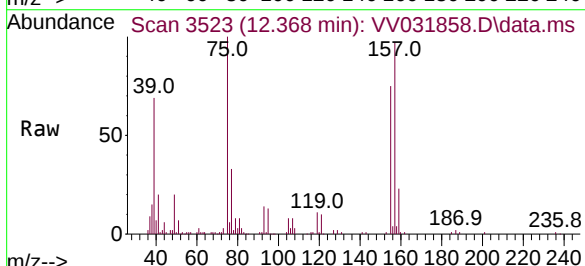
Tgt Ion: 75 Resp: 43078

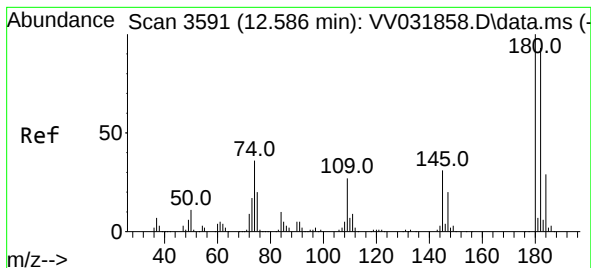
Ion Ratio Lower Upper

75 100

155 75.1 60.1 90.1

157 96.6 77.3 115.9





#69

1,3,5-Trichlorobenzene

Concen: 43.466 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

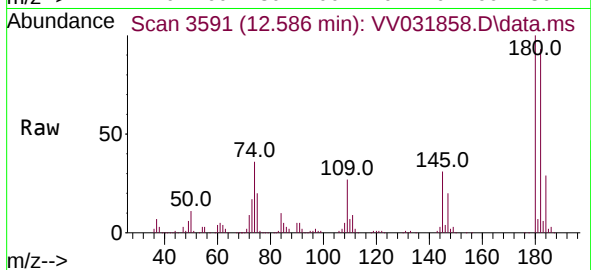
Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 162706

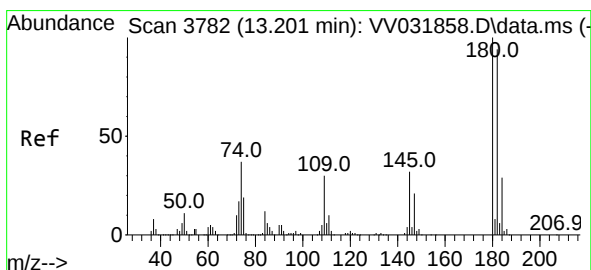
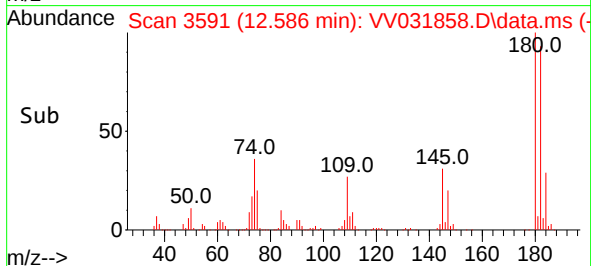
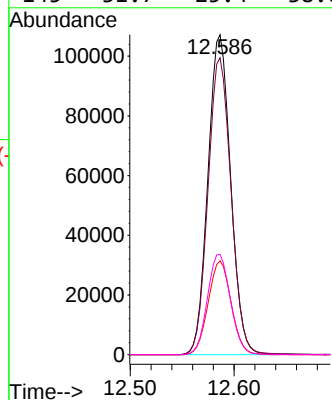
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

184 29.6 23.7 35.5

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 43.517 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV031858.D

Acq: 23 Aug 2023 10:21

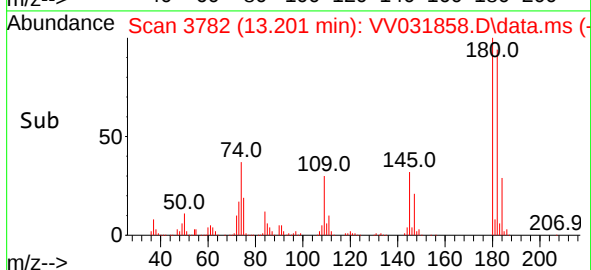
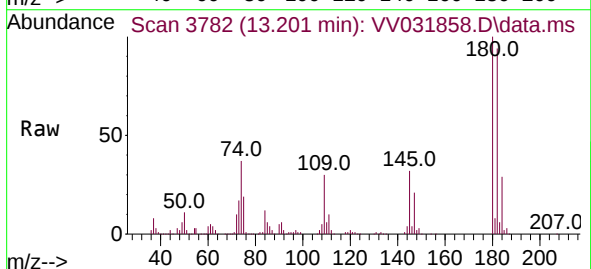
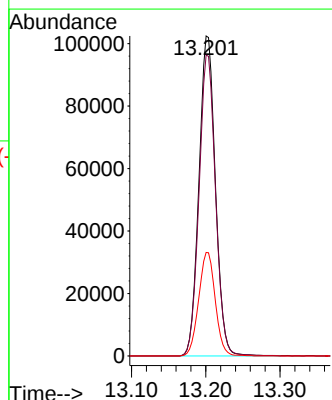
Tgt Ion:180 Resp: 158077

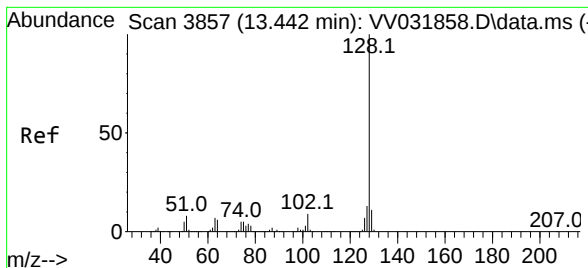
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 32.5 26.0 39.0

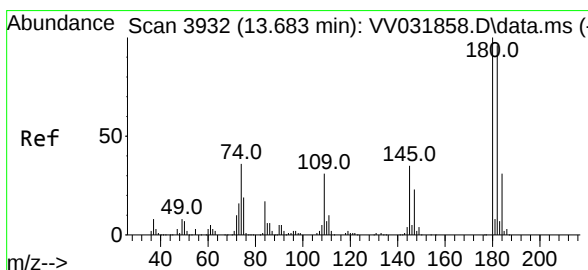
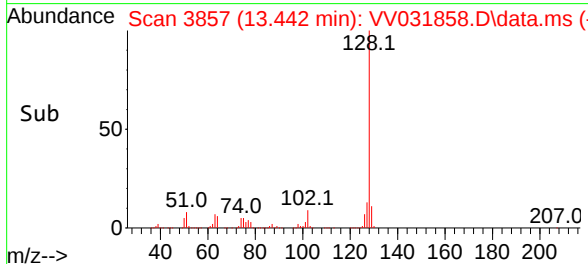
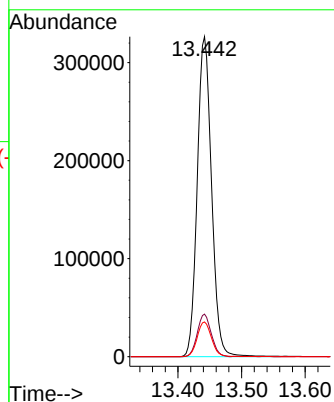
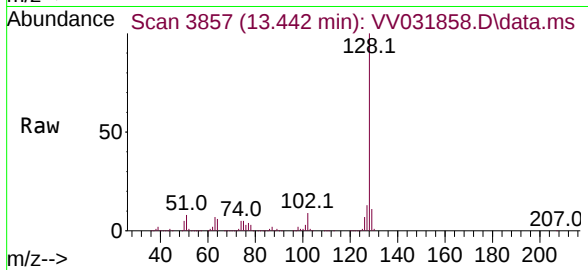




#71
Naphthalene
Concen: 47.540 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 509268
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 39.828 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV031858.D
Acq: 23 Aug 2023 10:21

Tgt Ion:180 Resp: 150887
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 34.6 27.7 41.5

