

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036758.D
 Acq On : 02 Aug 2024 09:56
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 02 23:50:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	359017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333816	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	165356	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25062	9.379	ug/L	0.00
7) Chloroethane-d5	1.532	69	19262	9.120	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	10937	9.255	ug/L	0.00
21) 2-Butanone-d5	3.818	46	17865	14.577	ug/L	0.02
24) Chloroform-d	4.249	84	46421	9.388	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	30581	9.589	ug/L	0.00
32) Benzene-d6	4.960	84	92430	9.579	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	32076	10.332	ug/L	0.00
41) Toluene-d8	7.243	98	82047	9.371	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	15016	9.357	ug/L	0.00
47) 2-Hexanone-d5	8.043	63	13643	16.173	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	32530	9.307	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	29729	9.492	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	25535	9.773	ug/L	99
3) Chloromethane	1.217	50	29723	10.361	ug/L	99
5) Vinyl chloride	1.282	62	30848	10.335	ug/L	99
6) Bromomethane	1.487	94	20716	10.725	ug/L	97
8) Chloroethane	1.548	64	19870	10.572	ug/L	100
9) Trichlorofluoromethane	1.712	101	39782	10.171	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	24058	10.343	ug/L	99
12) 1,1-Dichloroethene	2.069	96	22817	10.258	ug/L	99
13) Acetone	2.114	43	24154	19.595	ug/L	95
14) Carbon disulfide	2.240	76	73070	10.421	ug/L	98
15) Methyl Acetate	2.375	43	26681	10.616	ug/L	97
16) Methylene chloride	2.442	84	27378	10.880	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	23601	10.200	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	86691	10.692	ug/L	98
19) 1,1-Dichloroethane	3.105	63	49107	10.515	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	29114	10.630	ug/L	92
22) 2-Butanone	3.896	43	29738	19.198	ug/L	96
23) Bromochloromethane	4.146	128	14231	10.760	ug/L	97
25) Chloroform	4.275	83	52418	10.800	ug/L	97
27) 1,2-Dichloroethane	5.043	62	39024	10.375	ug/L	99
29) Cyclohexane	4.574	56	43653	10.436	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	44097	10.653	ug/L	100
31) Carbon tetrachloride	4.728	117	36615	10.522	ug/L	99
33) Benzene	5.008	78	105284	10.697	ug/L	100
34) Trichloroethene	5.834	95	30513	10.693	ug/L	98
35) Methylcyclohexane	6.043	83	45180	10.446	ug/L	99
37) 1,2-Dichloropropane	6.095	63	26468	10.213	ug/L	99
38) Bromodichloromethane	6.436	83	37940	10.554	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	45462	10.092	ug/L	94
40) 4-Methyl-2-pentanone	7.165	43	64110	20.459	ug/L	98
42) Toluene	7.317	91	108002	10.369	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	43393	10.392	ug/L	98

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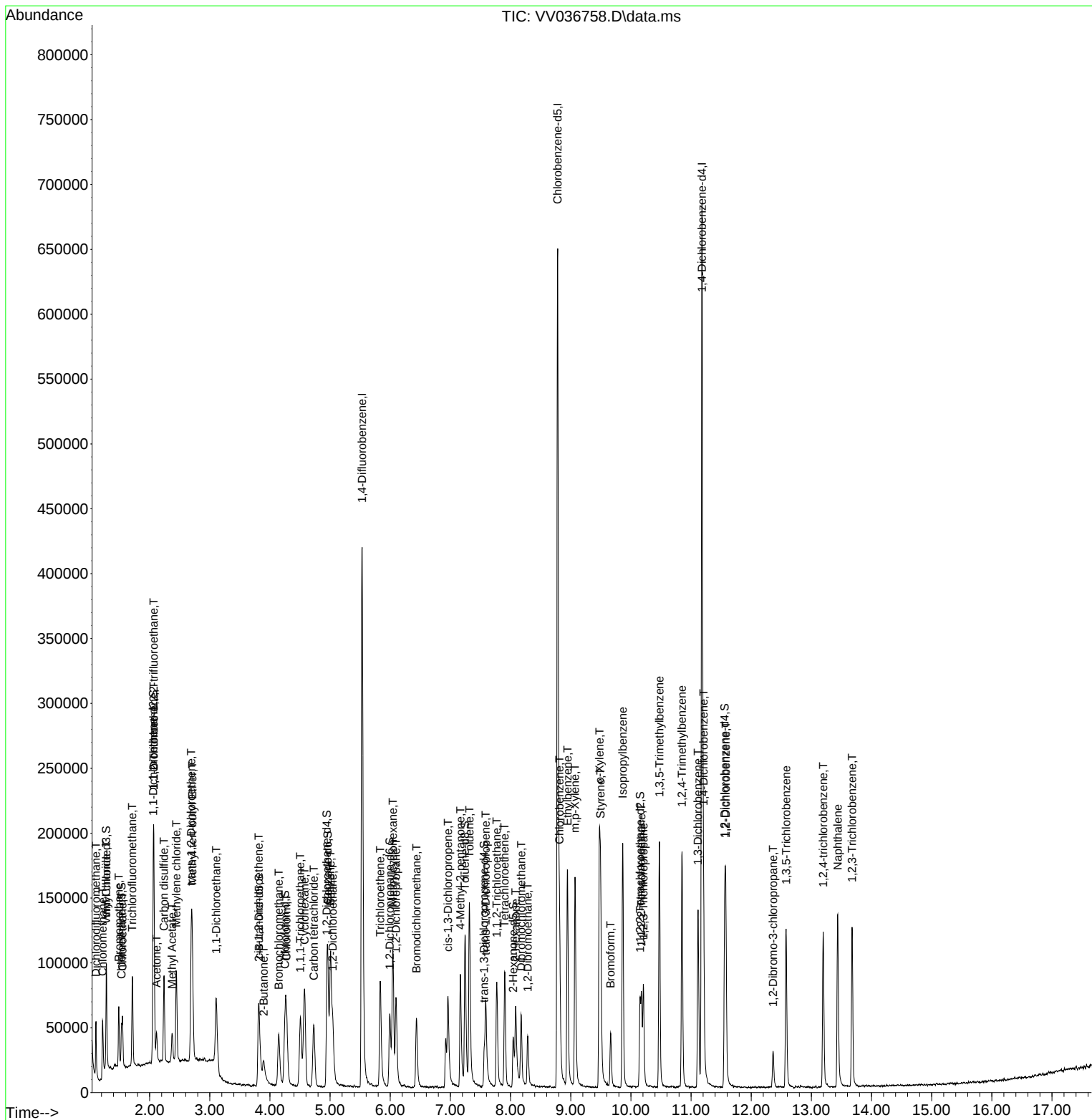
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 Quant Title : VOC Analysis
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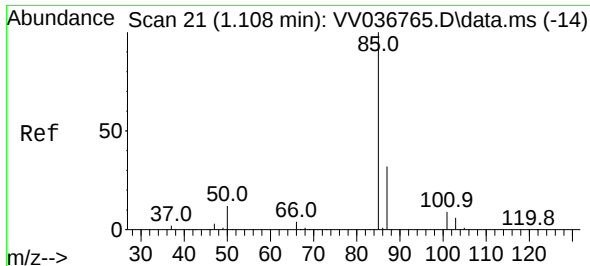
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	26514	10.662	ug/L	97
46) Tetrachloroethene	7.902	164	19089	10.292	ug/L	98
48) 2-Hexanone	8.085	43	47657	20.193	ug/L	94
49) Dibromochloromethane	8.178	129	27283	10.461	ug/L	97
50) 1,2-Dibromoethane	8.284	107	27544	10.477	ug/L	99
51) Chlorobenzene	8.812	112	71571	10.611	ug/L	99
52) Ethylbenzene	8.947	91	125696	10.466	ug/L	100
53) m,p-Xylene	9.072	106	44610	10.135	ug/L	99
54) o-Xylene	9.477	106	46425	10.599	ug/L	99
55) Styrene	9.497	104	75719	10.101	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	34248	10.248	ug/L	98
59) Bromoform	9.664	173	18327	10.231	ug/L	97
60) Isopropylbenzene	9.863	105	123477	10.510	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	30361	10.633	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	102866	10.452	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	101432	10.367	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	53454	10.471	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	55274	10.622	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	53058	10.650	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	8058	9.862	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	35970	10.089	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	35200	10.338	ug/L	99
71) Naphthalene	13.439	128	111015	10.417	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	34097	10.300	ug/L	99

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

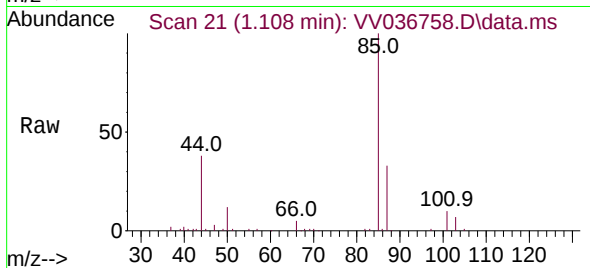
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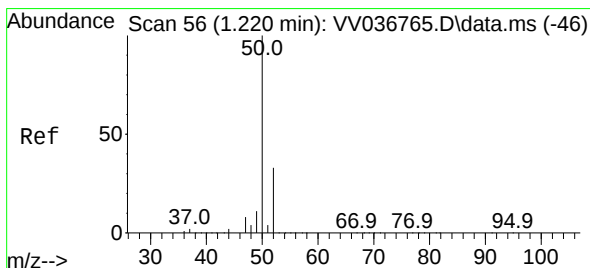
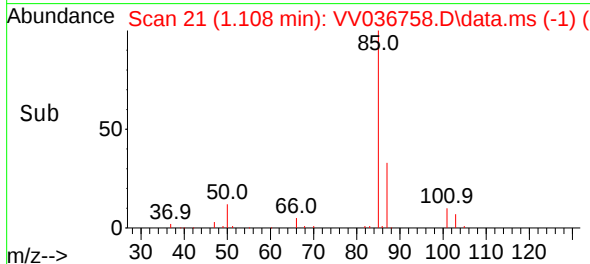
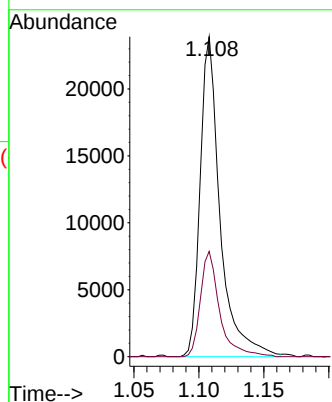


#2
 Dichlorodifluoromethane
 Concen: 9.773 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036758.D
 Acq: 02 Aug 2024 09:56

Instrument :
 MSVOA_V
 ClientSampleId :

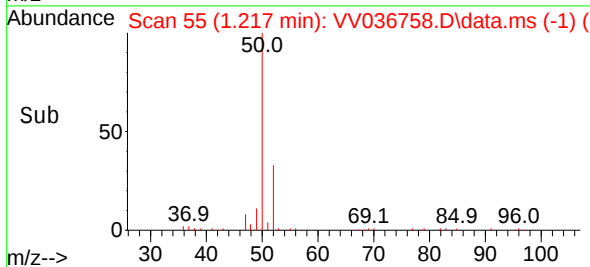
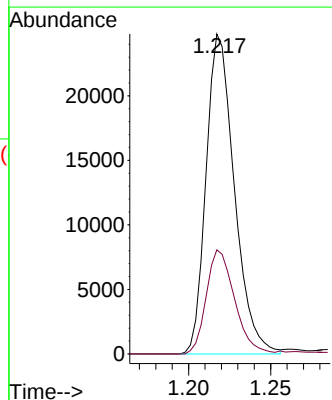
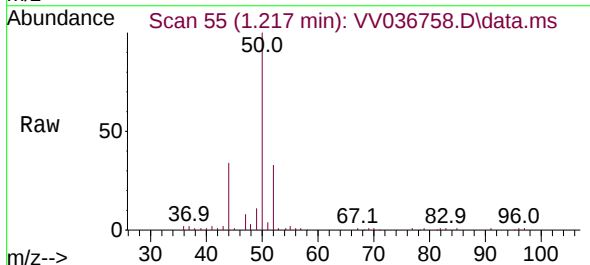


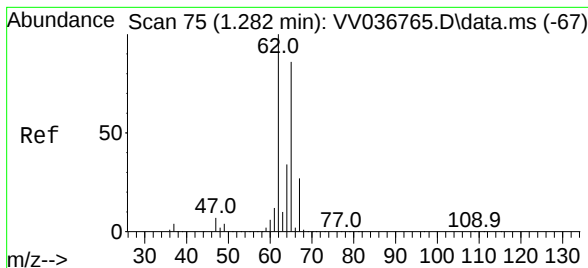
Tgt Ion: 85 Resp: 25535
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9



#3
 Chloromethane
 Concen: 10.361 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VV036758.D
 Acq: 02 Aug 2024 09:56

Tgt Ion: 50 Resp: 29723
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8





#5

Vinyl chloride

Concen: 10.335 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

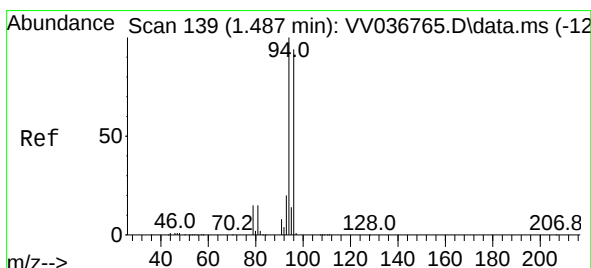
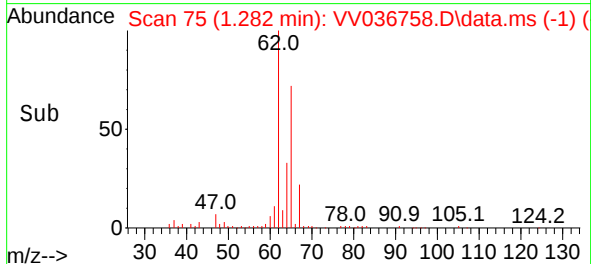
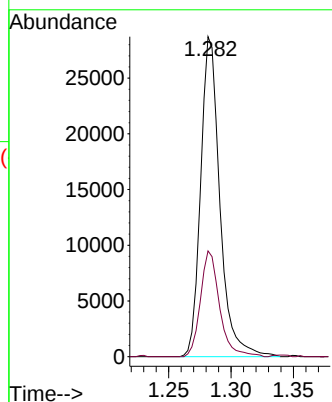
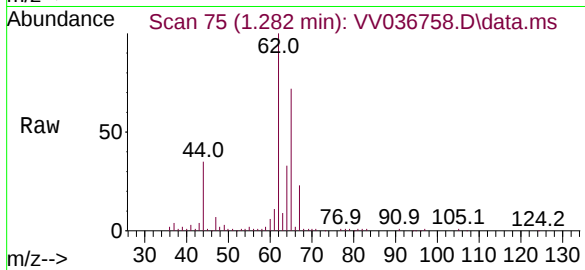
ClientSampleId :

Tgt Ion: 62 Resp: 30848

Ion Ratio Lower Upper

62 100

64 33.0 23.6 43.8



#6

Bromomethane

Concen: 10.725 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV036758.D

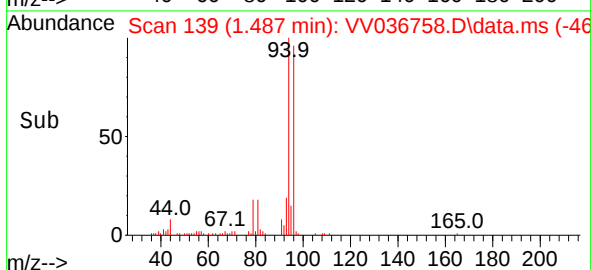
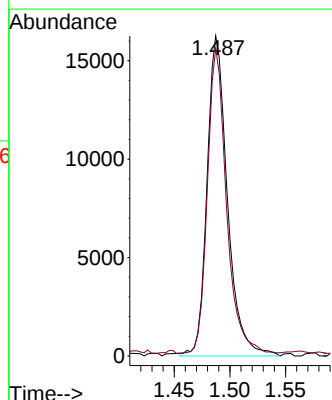
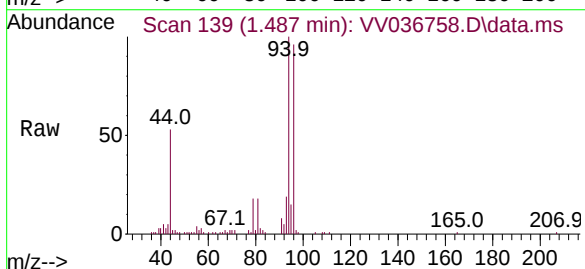
Acq: 02 Aug 2024 09:56

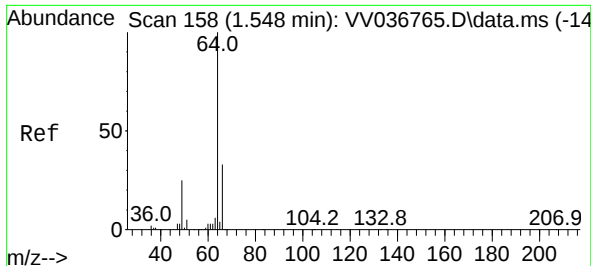
Tgt Ion: 94 Resp: 20716

Ion Ratio Lower Upper

94 100

96 96.1 65.5 121.7

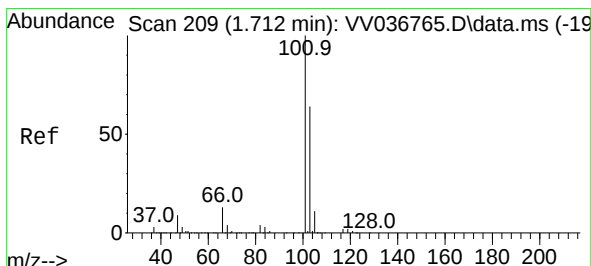
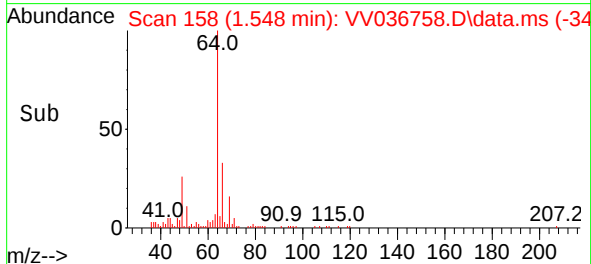
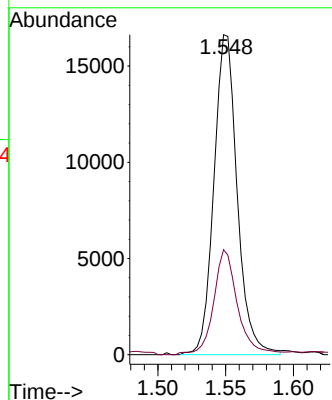
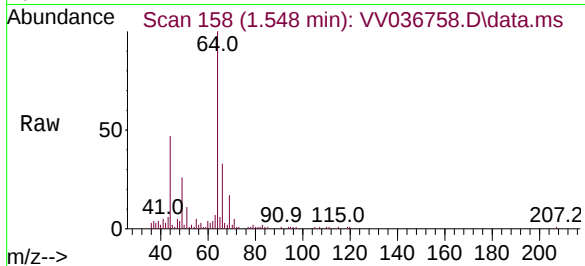




#8
Chloroethane
Concen: 10.572 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

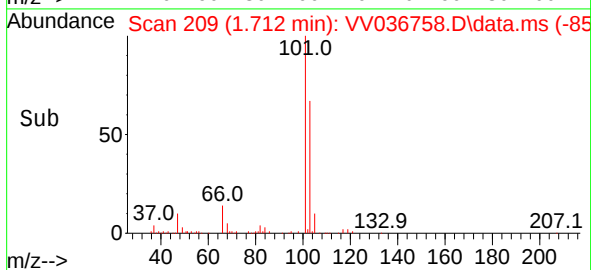
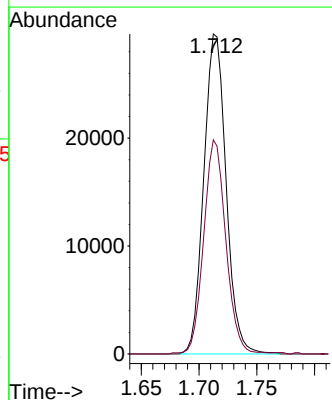
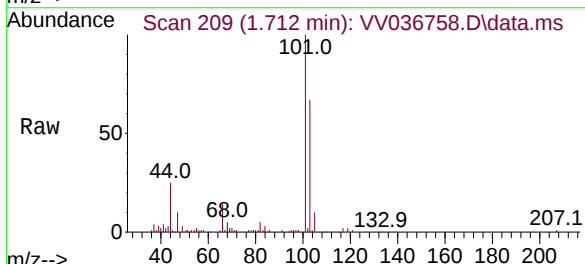
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MSVOA_V
ClientSampleId :

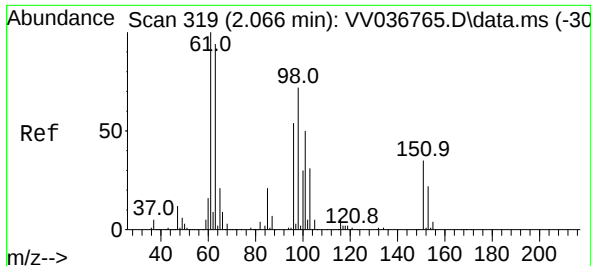
Tgt Ion: 64 Resp: 19870
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 10.171 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion:101 Resp: 39782
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0

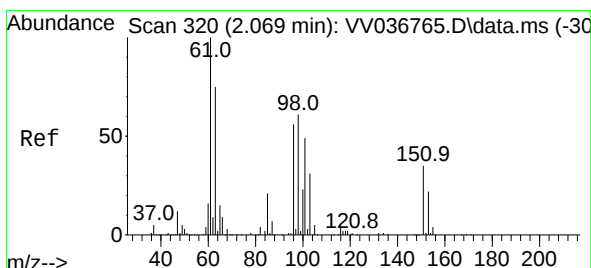
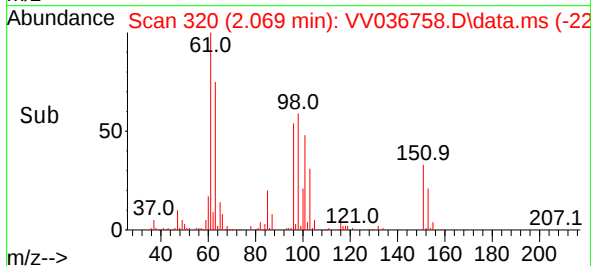
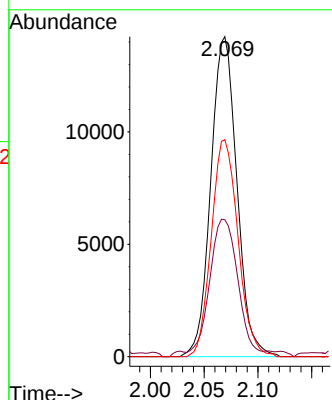
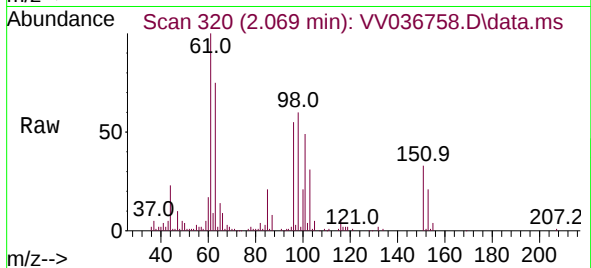




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.343 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

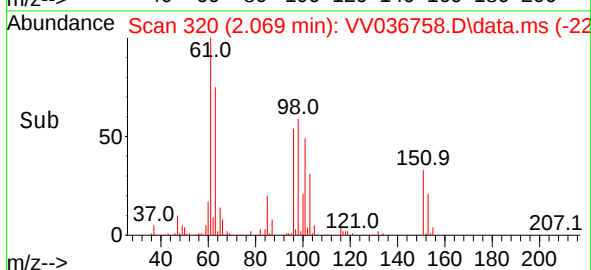
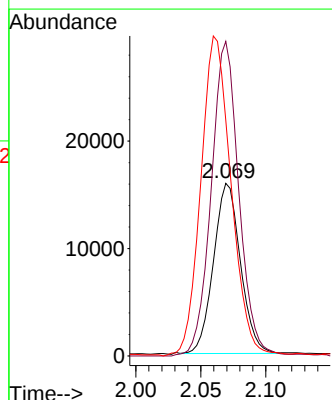
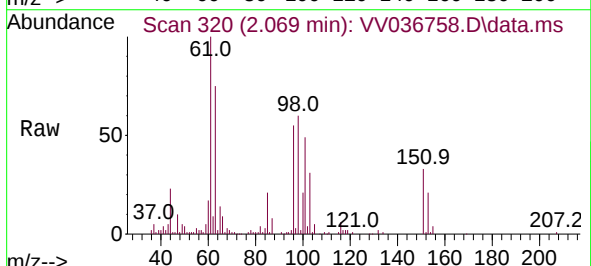
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MSVOA_V
ClientSampleId :

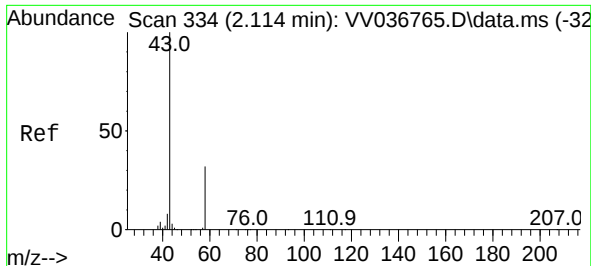
Tgt Ion:101 Resp: 24058
Ion Ratio Lower Upper
101 100
85 42.9 34.6 51.8
151 69.3 55.9 83.9



#12
1,1-Dichloroethene
Concen: 10.258 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion: 96 Resp: 22817
Ion Ratio Lower Upper
96 100
61 182.2 125.6 233.2
63 136.4 95.1 176.7





#13

Acetone

Concen: 19.595 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

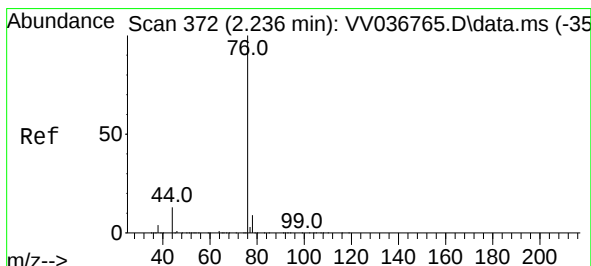
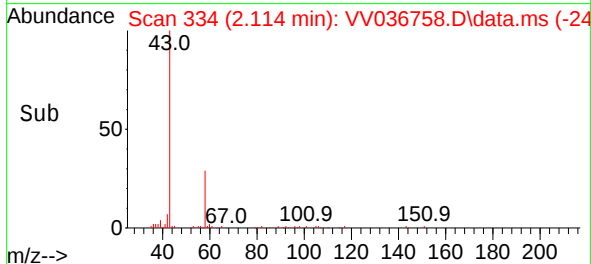
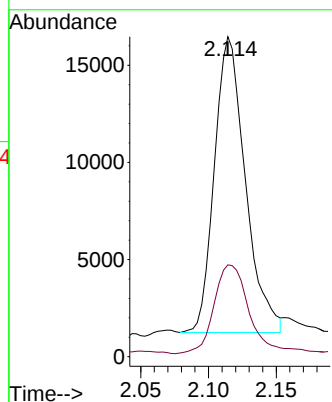
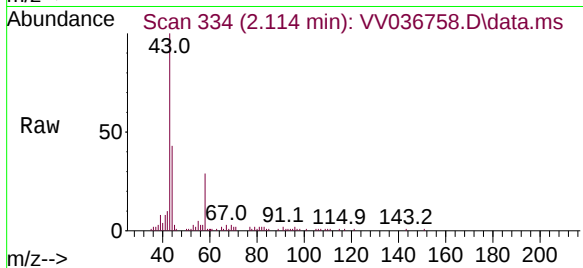
ClientSampleId :

Tgt Ion: 43 Resp: 24154

Ion Ratio Lower Upper

43 100

58 34.7 0.0 63.4



#14

Carbon disulfide

Concen: 10.421 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV036758.D

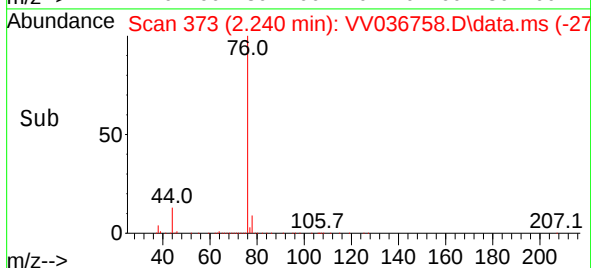
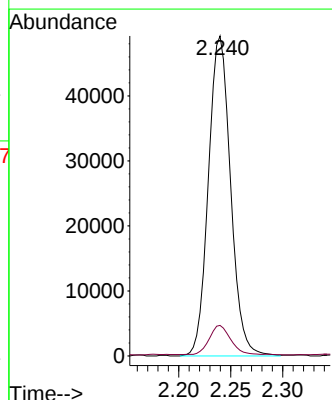
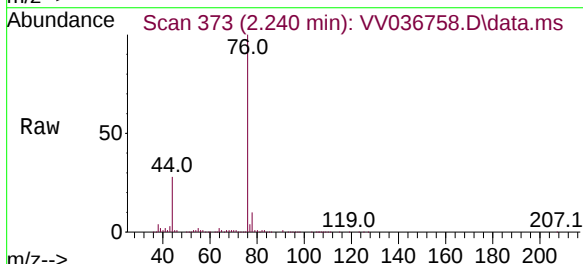
Acq: 02 Aug 2024 09:56

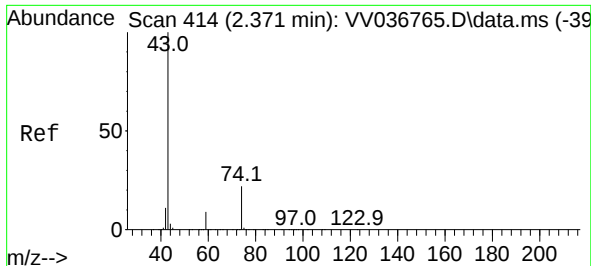
Tgt Ion: 76 Resp: 73070

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7





#15

Methyl Acetate

Concen: 10.616 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

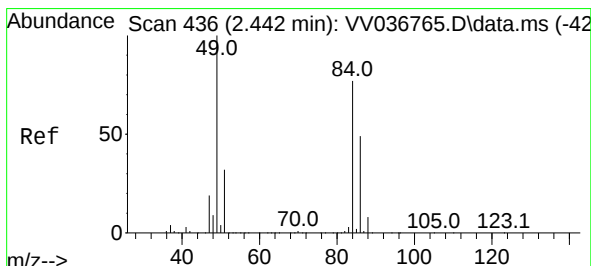
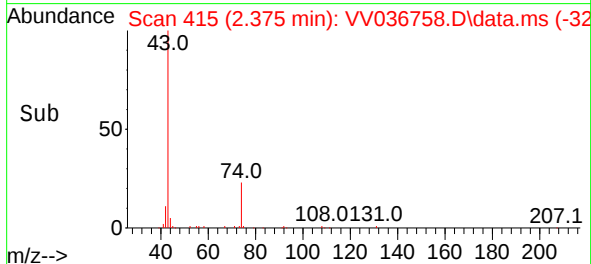
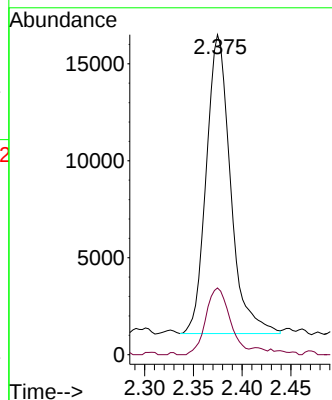
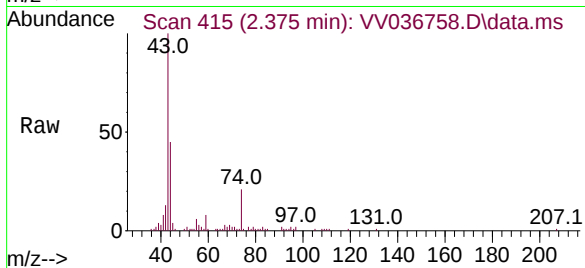
ClientSampleId :

Tgt Ion: 43 Resp: 26681

Ion Ratio Lower Upper

43 100

74 22.2 19.0 28.4



#16

Methylene chloride

Concen: 10.880 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

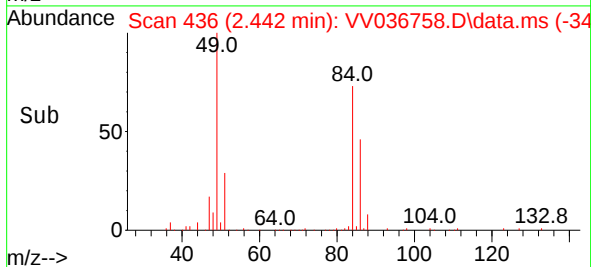
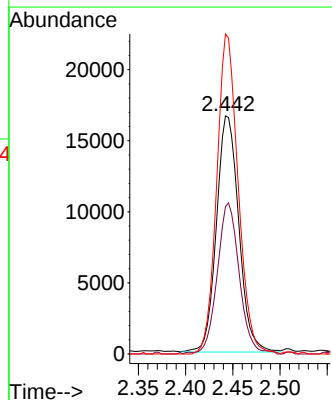
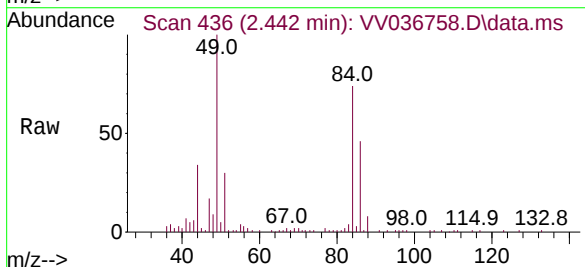
Tgt Ion: 84 Resp: 27378

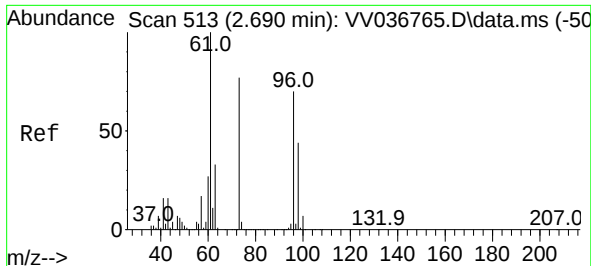
Ion Ratio Lower Upper

84 100

86 61.9 44.3 82.3

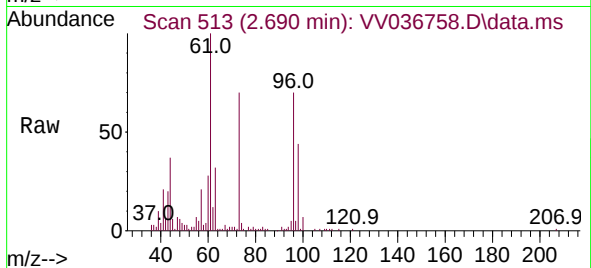
49 134.4 91.1 169.1



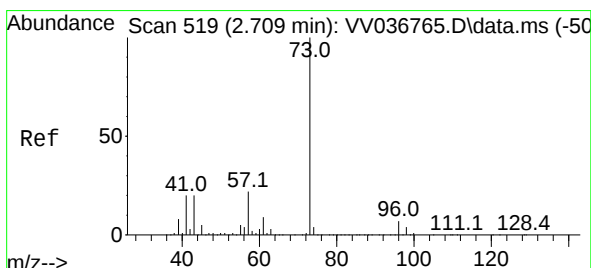
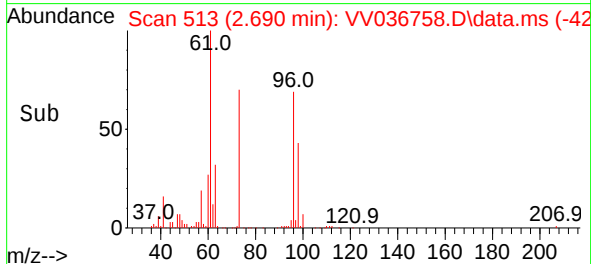
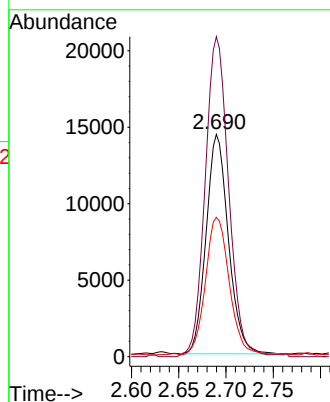


#17
trans-1,2-Dichloroethene
Concen: 10.200 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Instrument :
MSVOA_V
ClientSampleId :

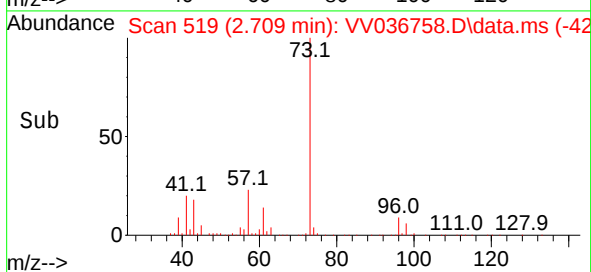
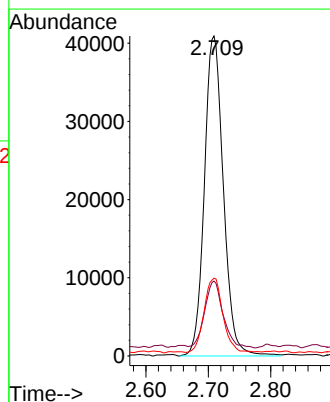
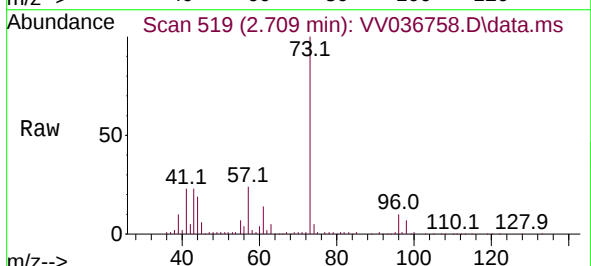


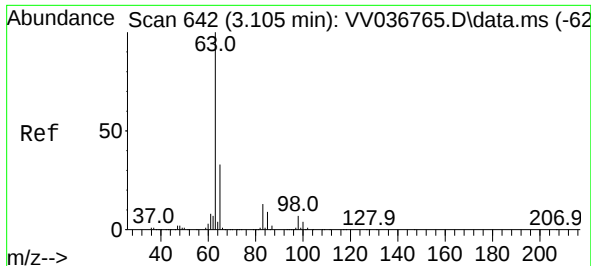
Tgt Ion: 96 Resp: 23601
Ion Ratio Lower Upper
96 100
61 143.9 100.0 185.8
98 62.7 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 10.692 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

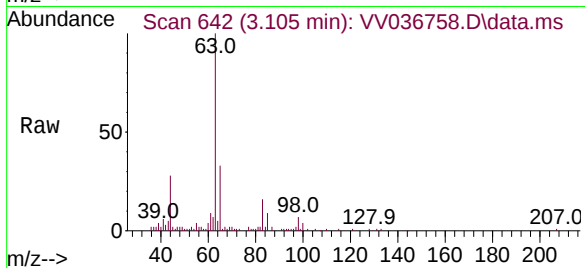
Tgt Ion: 73 Resp: 86691
Ion Ratio Lower Upper
73 100
43 18.9 16.1 24.1
57 22.7 17.9 26.9



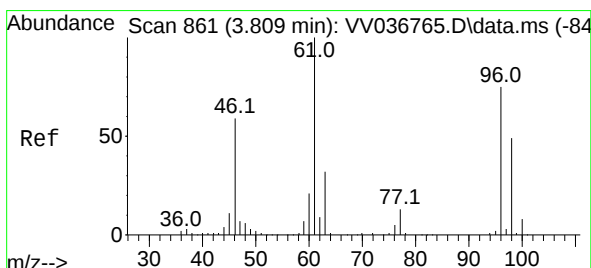
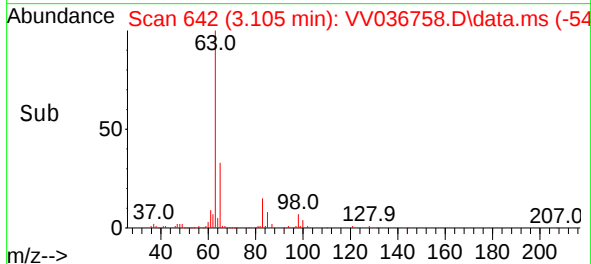
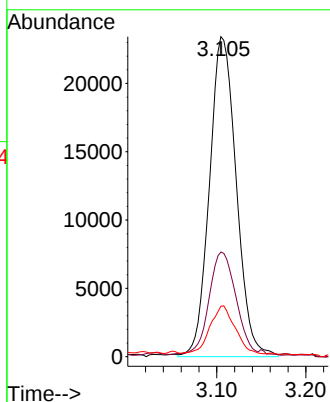


#19
1,1-Dichloroethane
Concen: 10.515 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Instrument :
MSVOA_V
ClientSampleId :

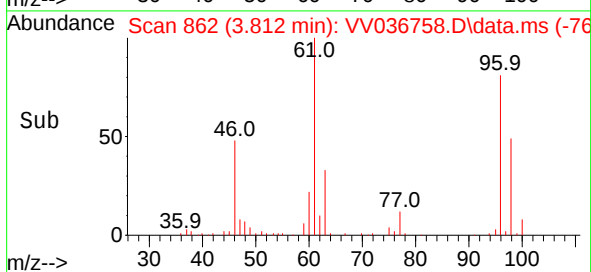
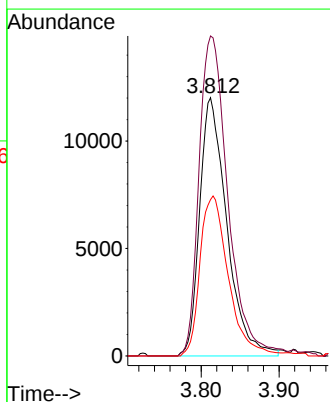
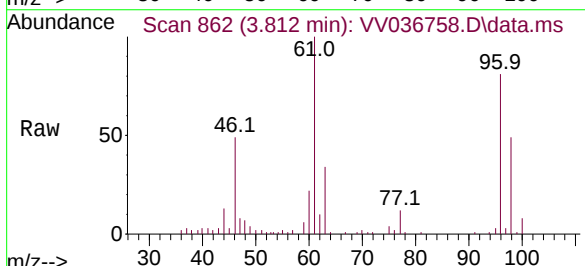


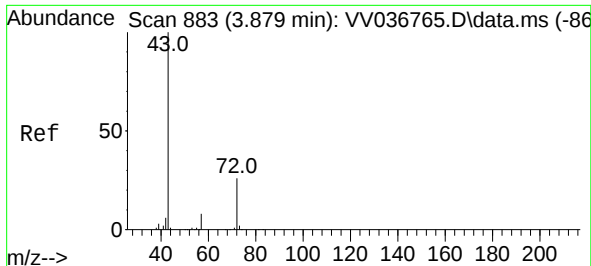
Tgt Ion: 63 Resp: 49107
Ion Ratio Lower Upper
63 100
65 32.7 23.2 43.0
83 15.8 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 10.630 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

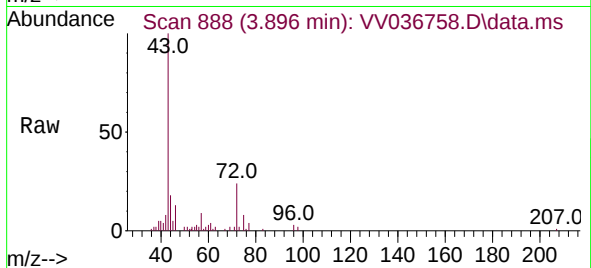
Tgt Ion: 96 Resp: 29114
Ion Ratio Lower Upper
96 100
61 123.9 93.9 174.5
98 60.6 46.0 85.4



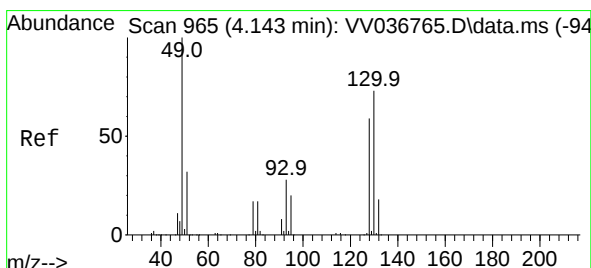
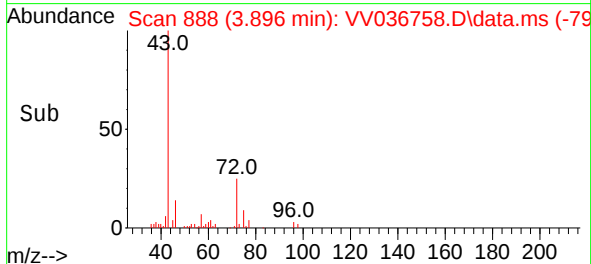
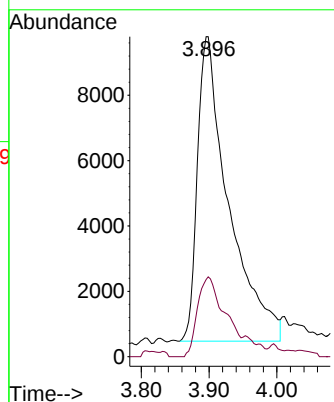


#22
2-Butanone
Concen: 19.198 ug/L
RT: 3.896 min Scan# 888
Delta R.T. 0.016 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Instrument :
MSVOA_V
ClientSampleId :

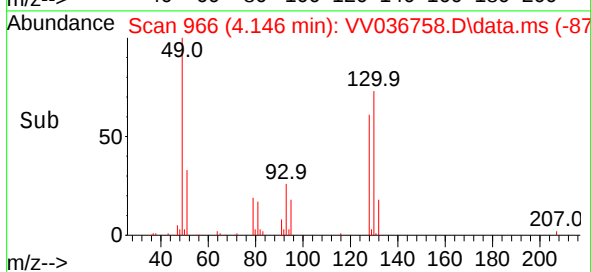
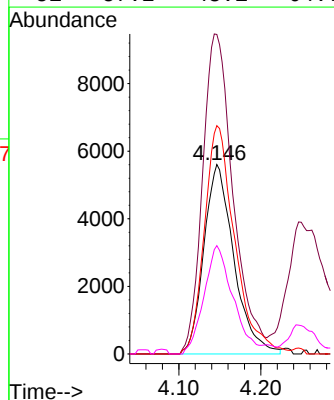
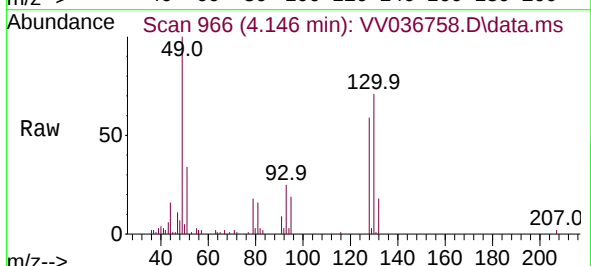


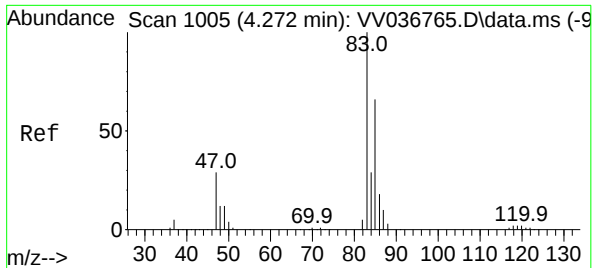
Tgt Ion: 43 Resp: 29738
Ion Ratio Lower Upper
43 100
72 22.9 12.5 37.5



#23
Bromochloromethane
Concen: 10.760 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion:128 Resp: 14231
Ion Ratio Lower Upper
128 100
49 168.7 120.0 223.0
130 120.6 87.0 161.6
51 57.2 43.1 64.7





#25

Chloroform

Concen: 10.800 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

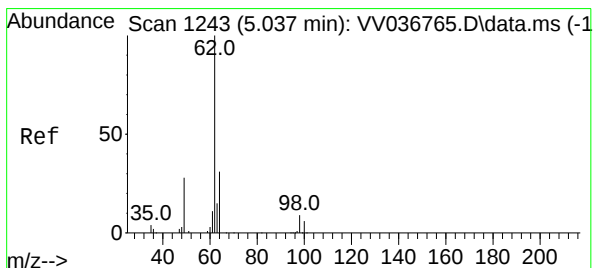
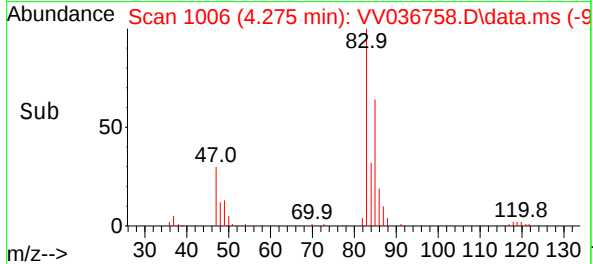
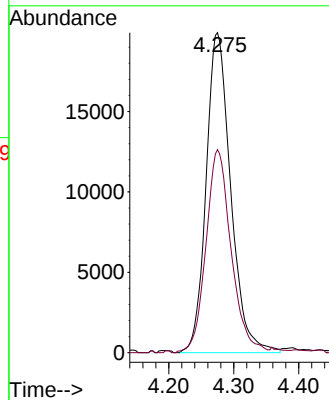
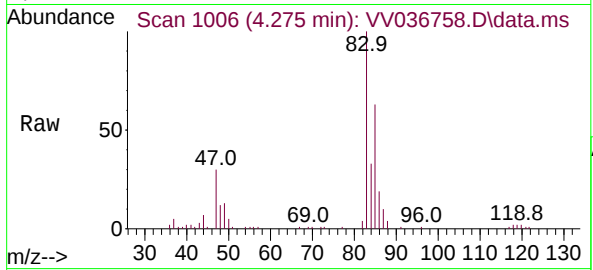
ClientSampleId :

Tgt Ion: 83 Resp: 52418

Ion Ratio Lower Upper

83 100

85 63.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 10.375 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VV036758.D

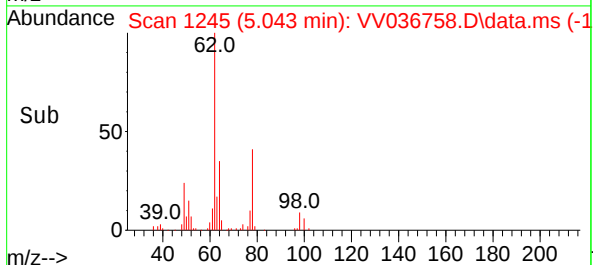
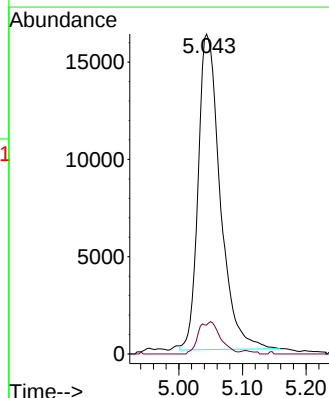
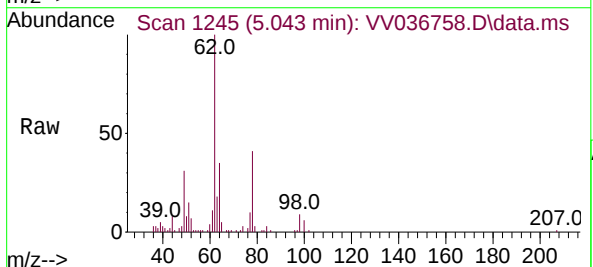
Acq: 02 Aug 2024 09:56

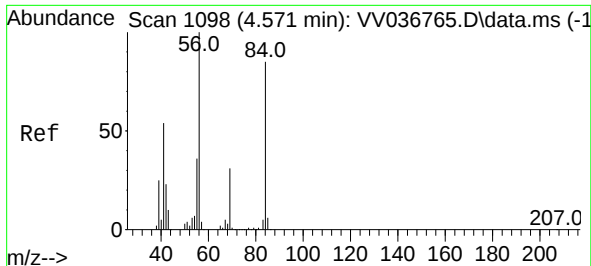
Tgt Ion: 62 Resp: 39024

Ion Ratio Lower Upper

62 100

98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 10.436 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

ClientSampleId :

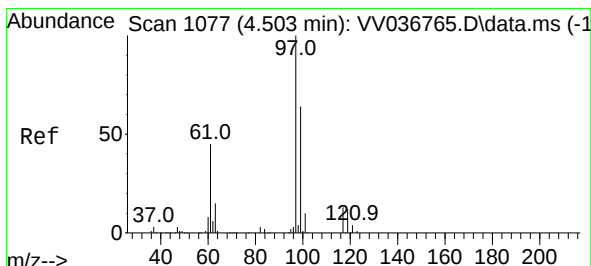
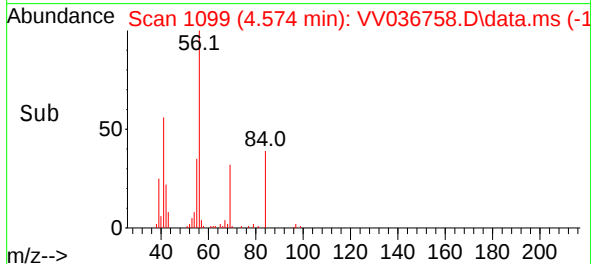
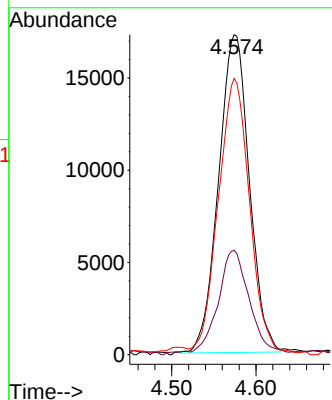
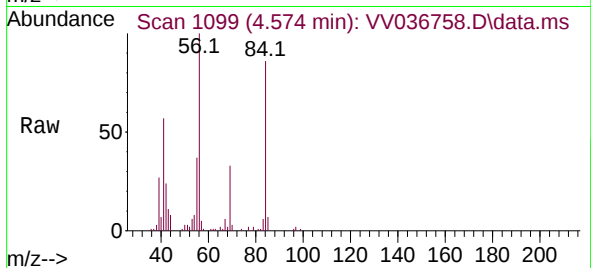
Tgt Ion: 56 Resp: 43653

Ion Ratio Lower Upper

56 100

69 33.5 24.7 37.1

84 88.2 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 10.653 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

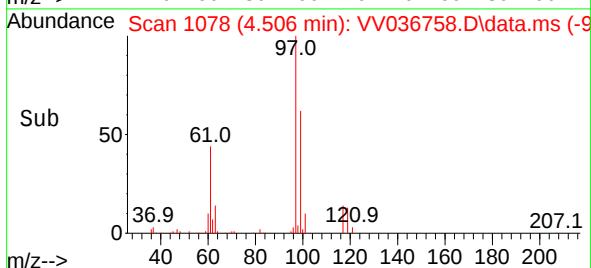
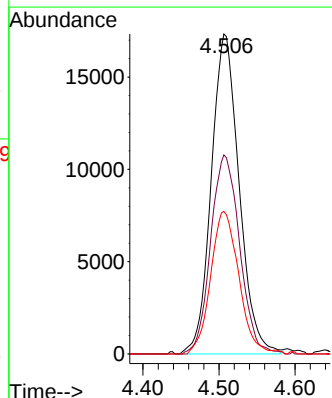
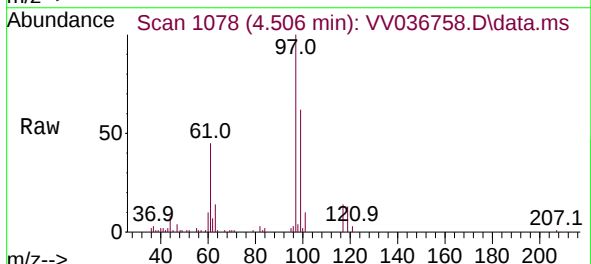
Tgt Ion: 97 Resp: 44097

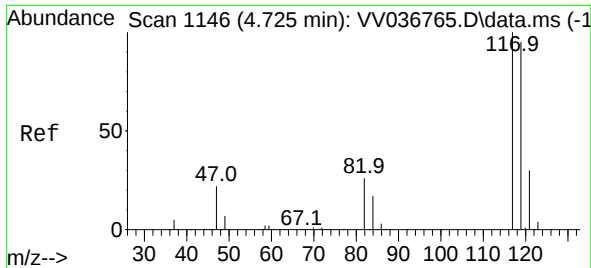
Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

61 44.9 36.0 54.0

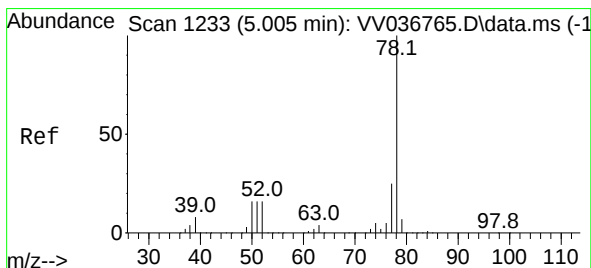
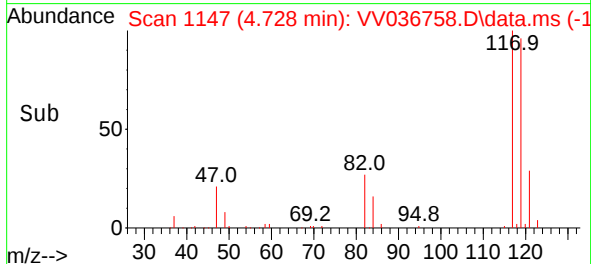
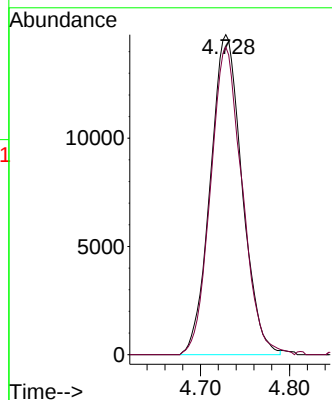
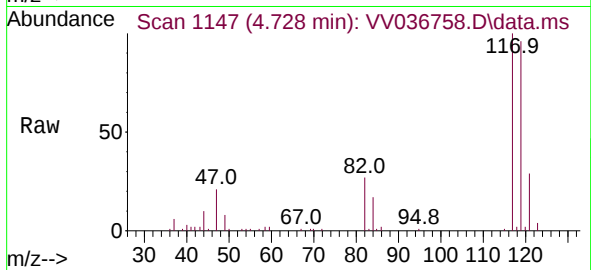




#31
Carbon tetrachloride
Concen: 10.522 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

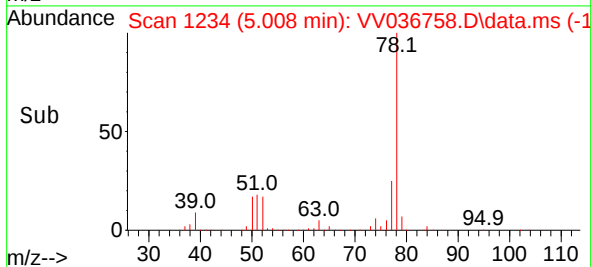
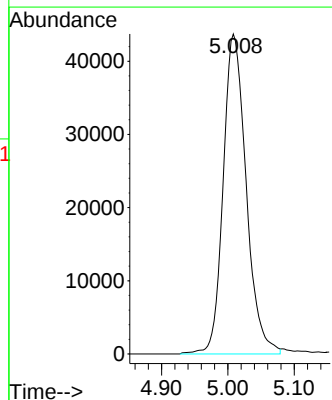
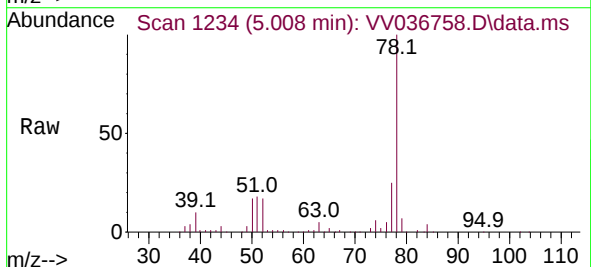
Instrument :
MSVOA_V
ClientSampleId :

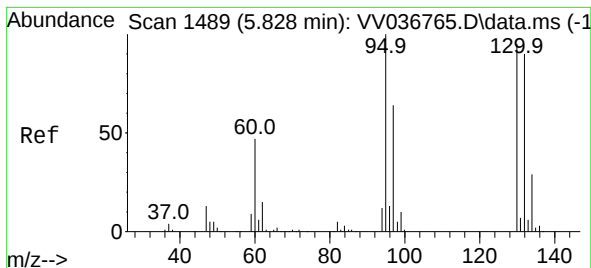
Tgt Ion:117 Resp: 36615
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 10.697 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion: 78 Resp: 105284





#34

Trichloroethene

Concen: 10.693 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 30513

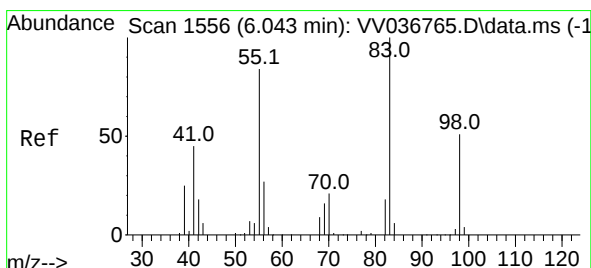
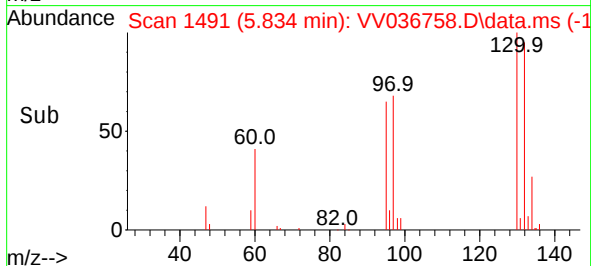
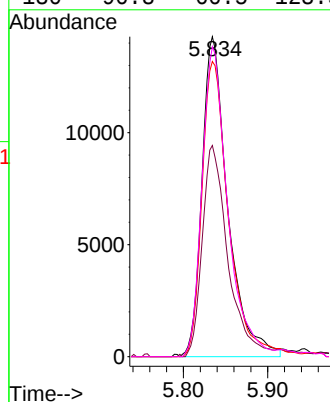
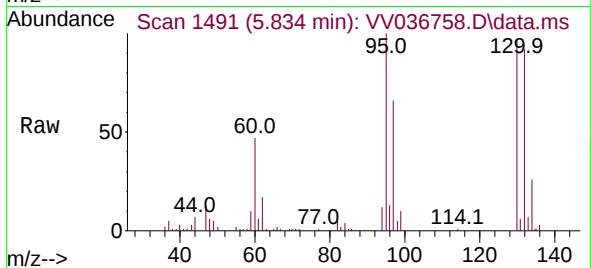
Ion Ratio Lower Upper

95 100

97 66.0 44.7 82.9

132 92.3 62.9 116.9

130 96.8 66.5 123.5



#35

Methylcyclohexane

Concen: 10.446 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

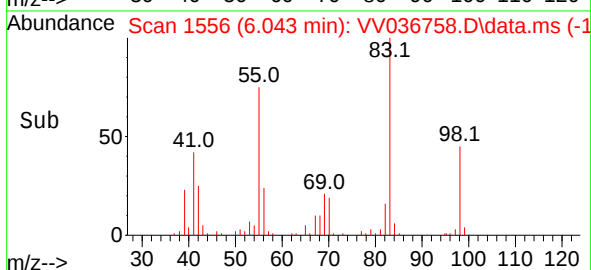
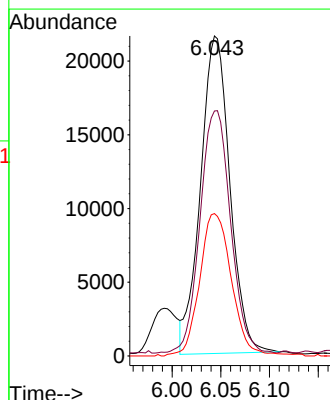
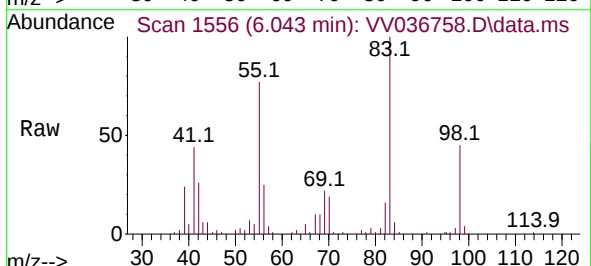
Tgt Ion: 83 Resp: 45180

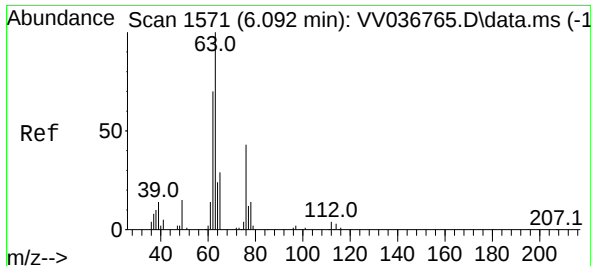
Ion Ratio Lower Upper

83 100

55 79.3 62.3 93.5

98 48.0 38.7 58.1

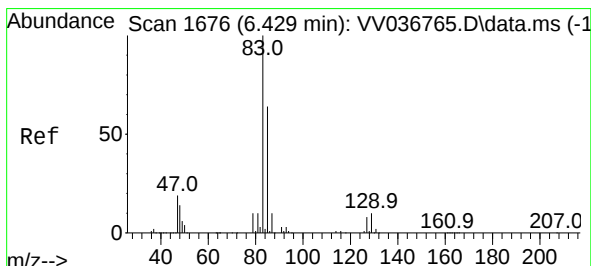
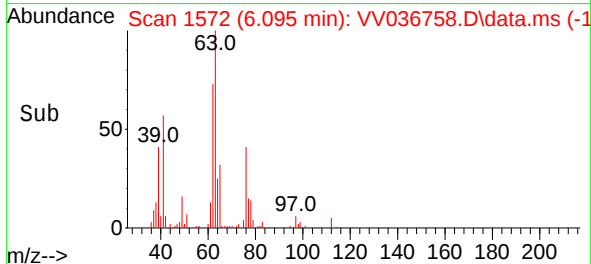
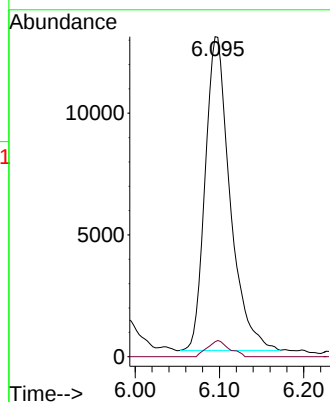
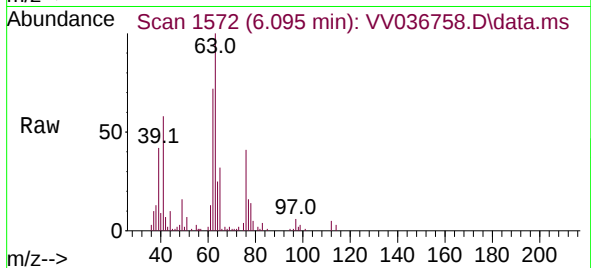




#37
1,2-Dichloropropane
Concen: 10.213 ug/L
RT: 6.095 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

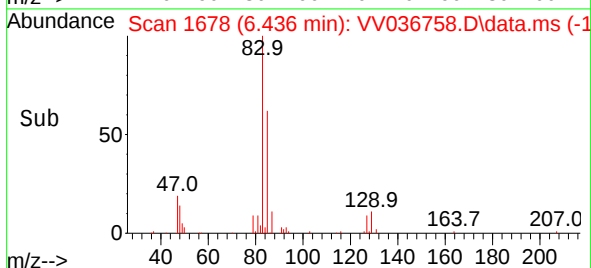
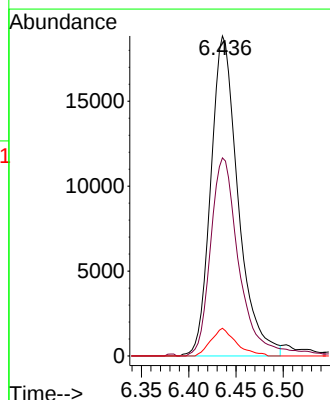
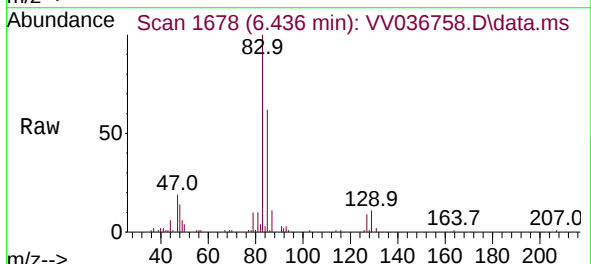
Instrument :
MSVOA_V
ClientSampleId :

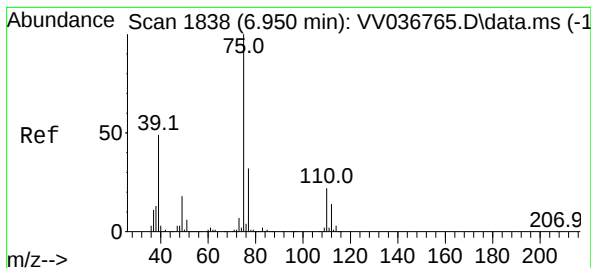
Tgt Ion: 63 Resp: 26468
Ion Ratio Lower Upper
63 100
112 4.1 3.6 5.4



#38
Bromodichloromethane
Concen: 10.554 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion: 83 Resp: 37940
Ion Ratio Lower Upper
83 100
85 61.9 44.7 83.1
127 8.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 10.092 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

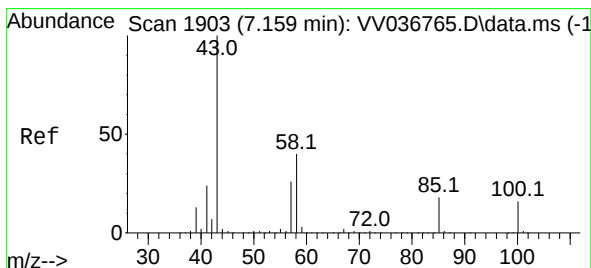
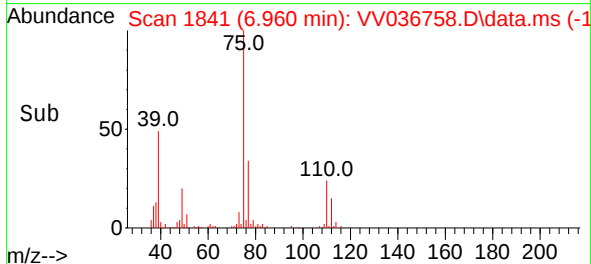
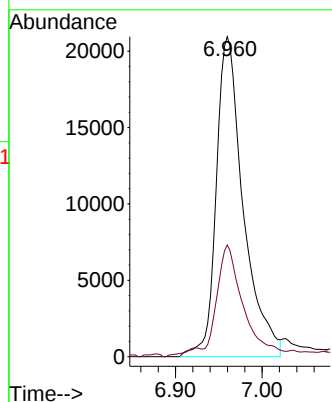
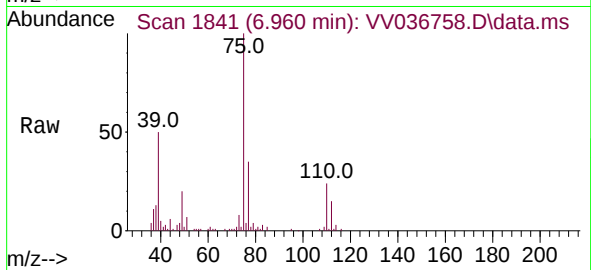
ClientSampleId :

Tgt Ion: 75 Resp: 45462

Ion Ratio Lower Upper

75 100

77 34.9 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 20.459 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

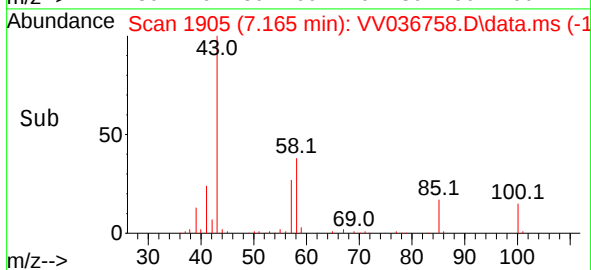
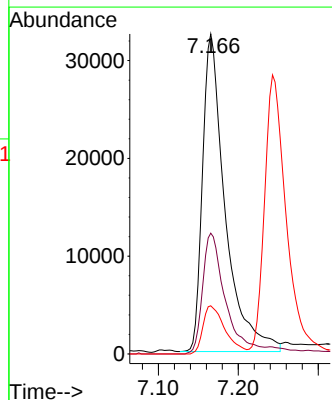
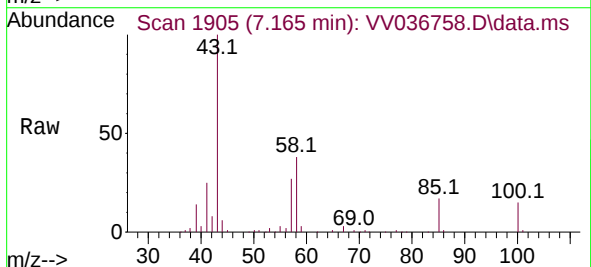
Tgt Ion: 43 Resp: 64110

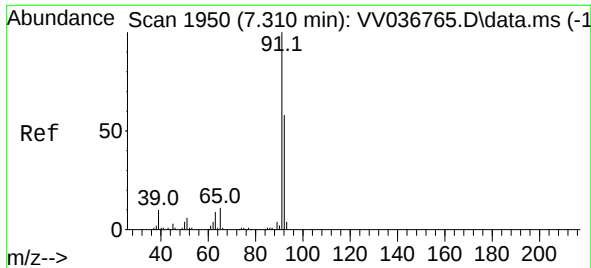
Ion Ratio Lower Upper

43 100

58 38.0 31.3 46.9

100 14.8 12.6 18.8





#42

Toluene

Concen: 10.369 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

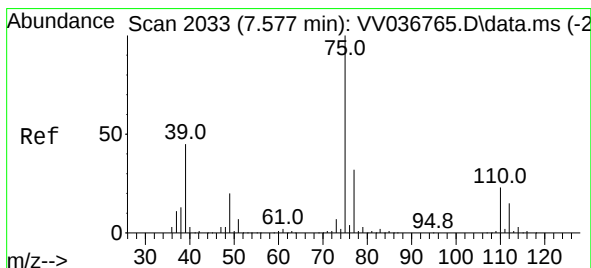
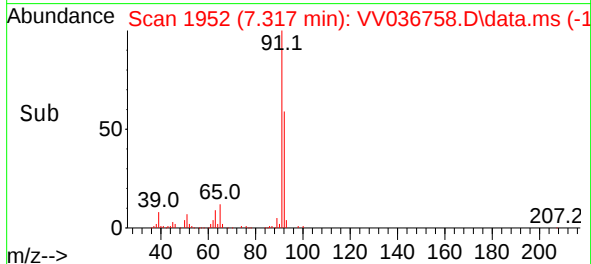
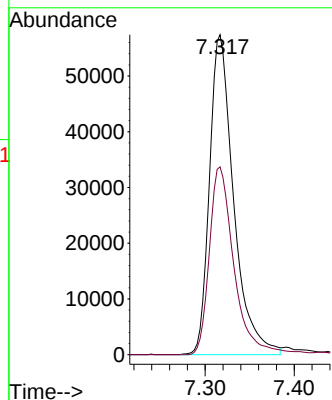
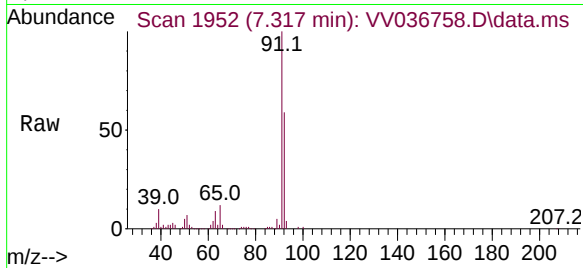
ClientSampleId :

Tgt Ion: 91 Resp: 108002

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 10.392 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.010 min

Lab File: VV036758.D

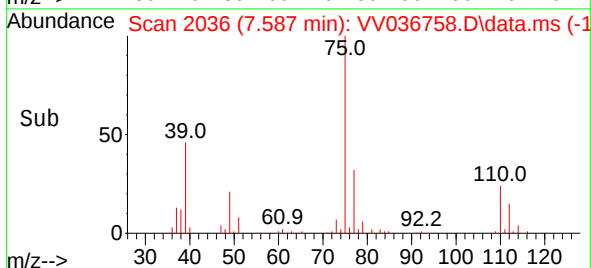
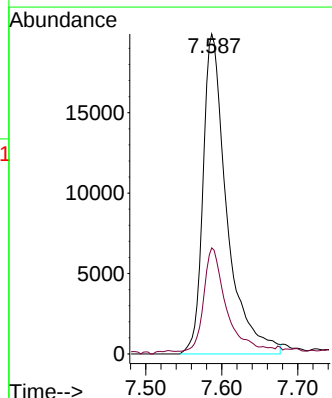
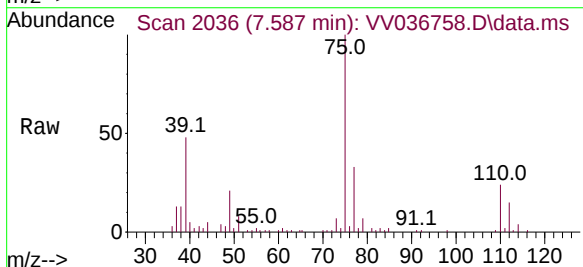
Acq: 02 Aug 2024 09:56

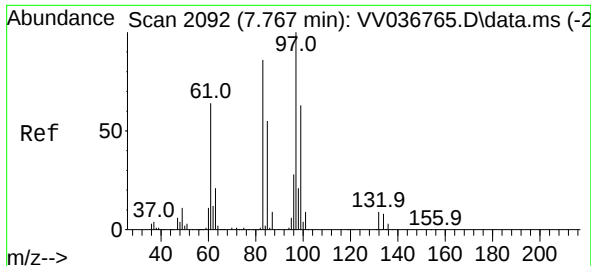
Tgt Ion: 75 Resp: 43393

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 10.662 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 26514

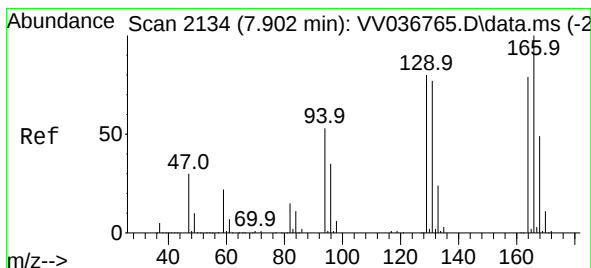
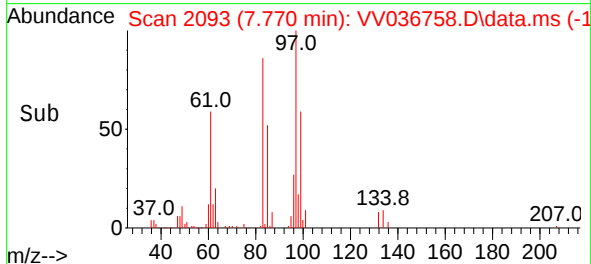
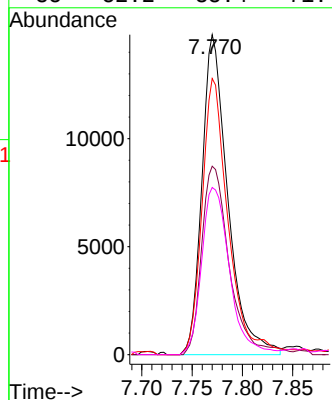
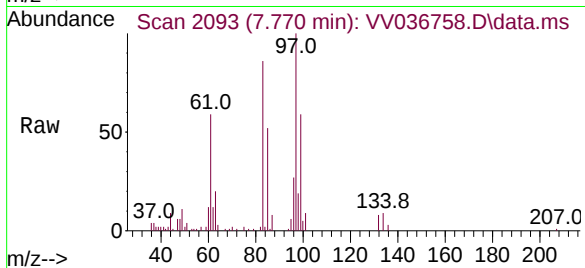
Ion Ratio Lower Upper

97 100

99 58.9 44.0 81.6

83 86.3 60.1 111.5

85 52.2 38.4 71.4



#46

Tetrachloroethene

Concen: 10.292 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Tgt Ion: 164 Resp: 19089

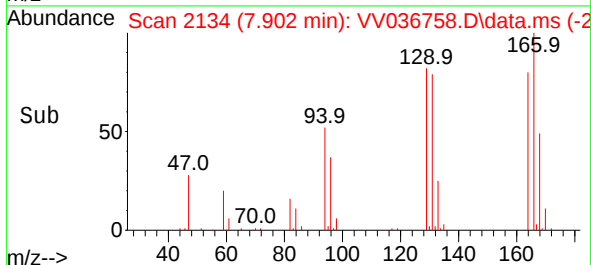
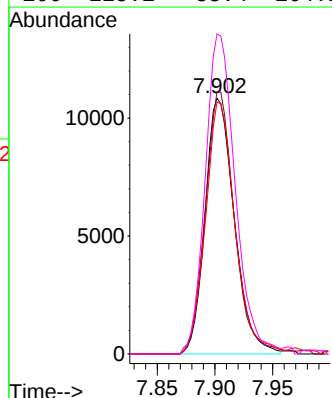
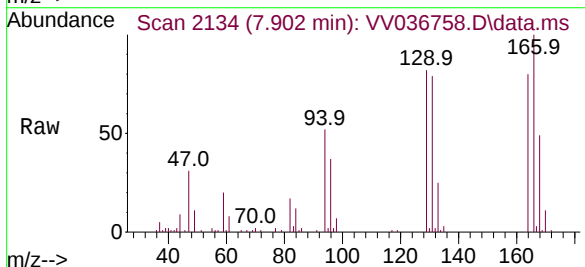
Ion Ratio Lower Upper

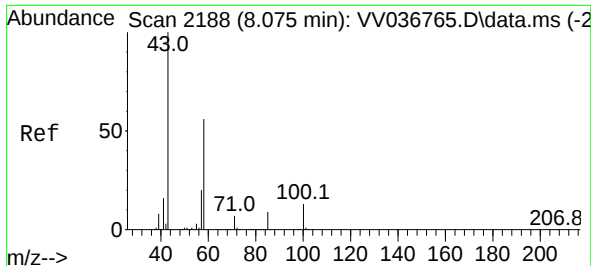
164 100

129 102.5 70.4 130.8

131 98.5 67.7 125.7

166 125.1 88.4 164.2





#48

2-Hexanone

Concen: 20.193 ug/L

RT: 8.085 min Scan# 2188

Delta R.T. 0.010 min

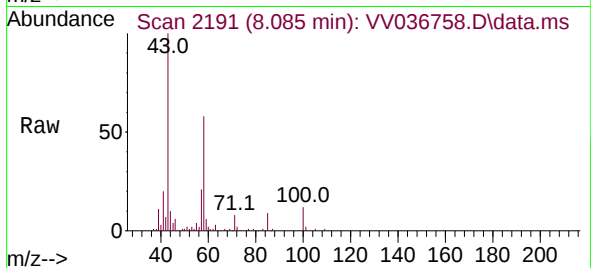
Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 47657

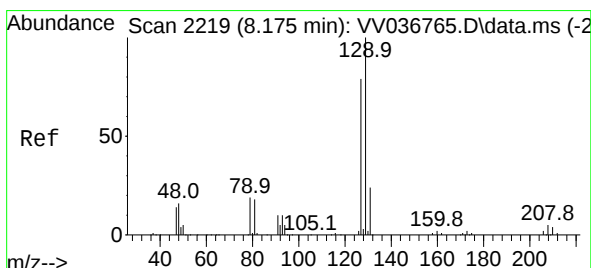
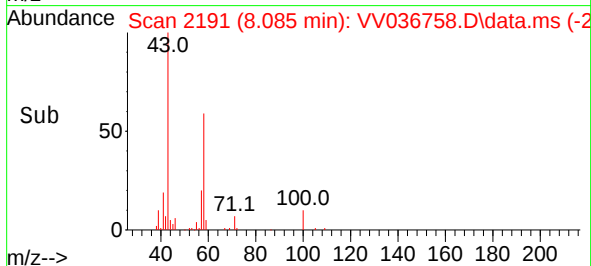
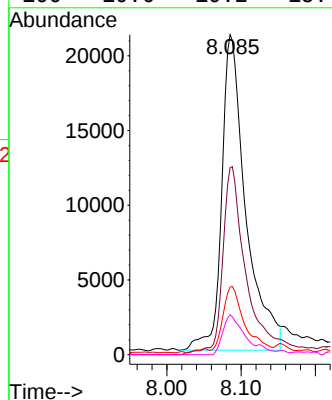
Ion Ratio Lower Upper

43 100

58 50.4 44.7 67.1

57 17.8 15.0 22.4

100 10.6 10.2 15.4



#49

Dibromochloromethane

Concen: 10.461 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV036758.D

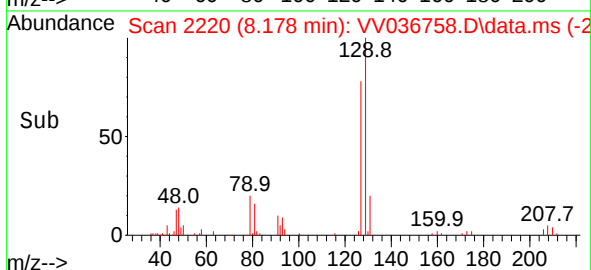
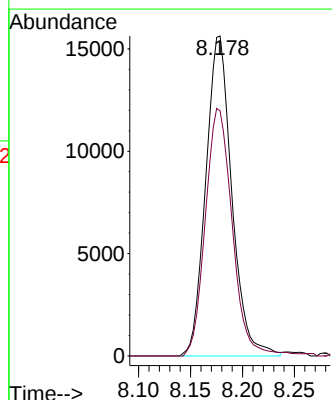
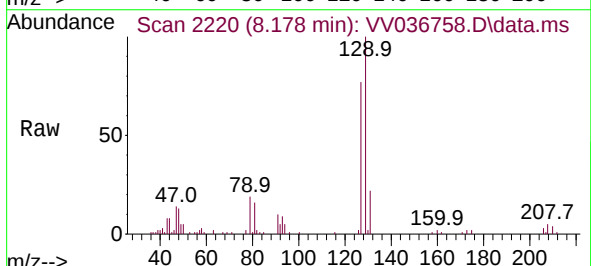
Acq: 02 Aug 2024 09:56

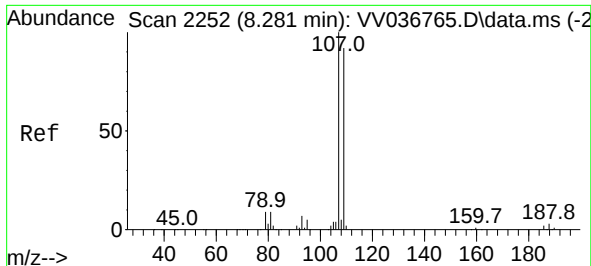
Tgt Ion: 129 Resp: 27283

Ion Ratio Lower Upper

129 100

127 76.7 55.4 102.8

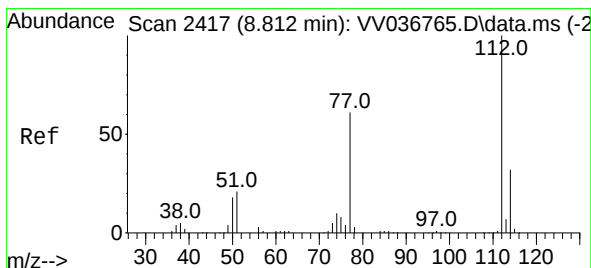
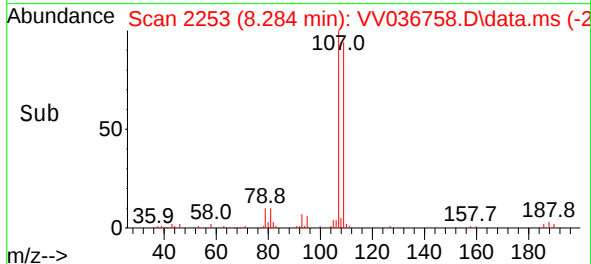
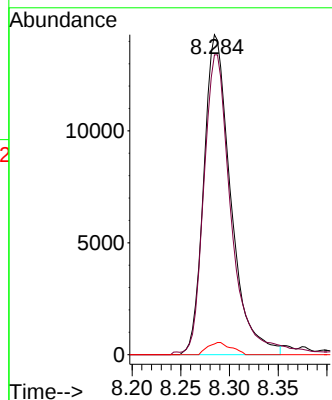
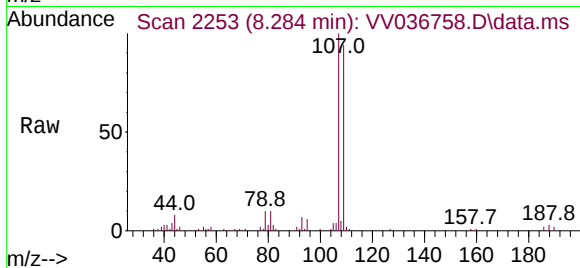




#50
1,2-Dibromoethane
Concen: 10.477 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

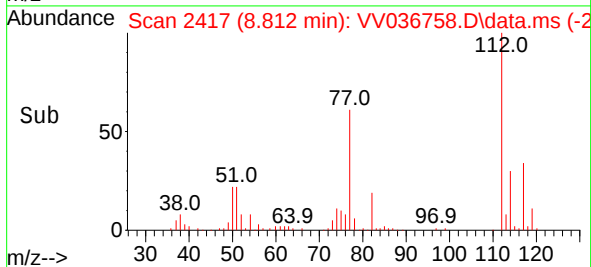
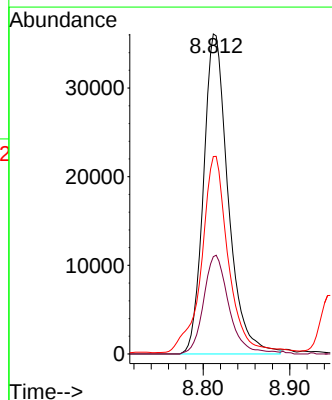
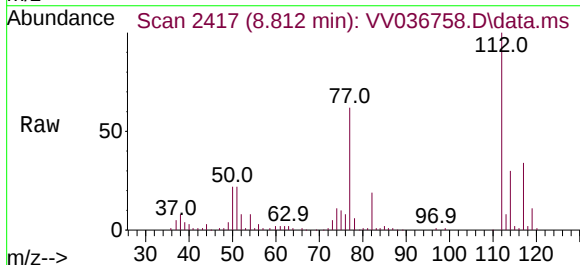
Instrument :
MSVOA_V
ClientSampleId :

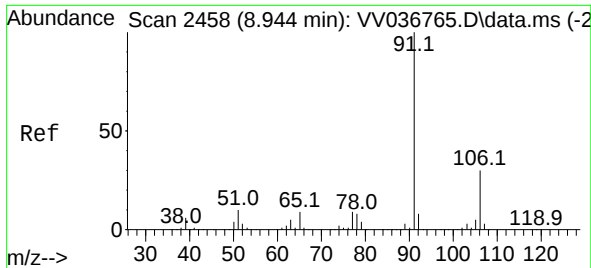
Tgt Ion:107 Resp: 27544
Ion Ratio Lower Upper
107 100
109 93.7 64.7 120.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 10.611 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion:112 Resp: 71571
Ion Ratio Lower Upper
112 100
114 30.4 22.3 41.5
77 61.7 48.9 73.3

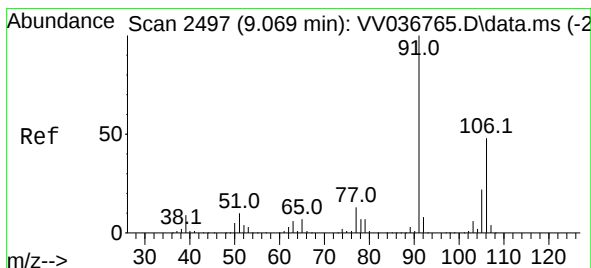
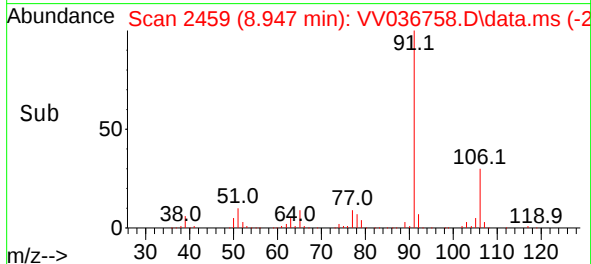
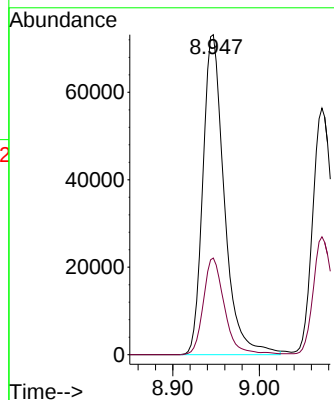
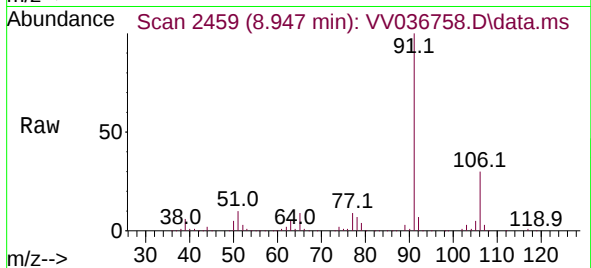




#52
Ethylbenzene
Concen: 10.466 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

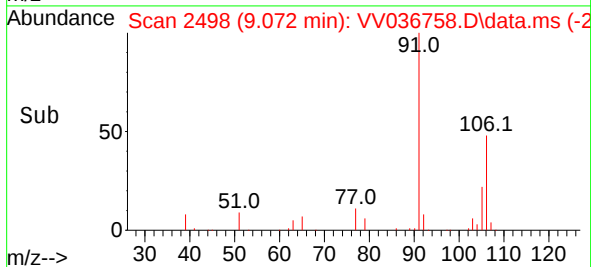
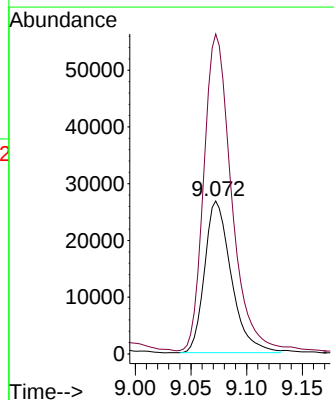
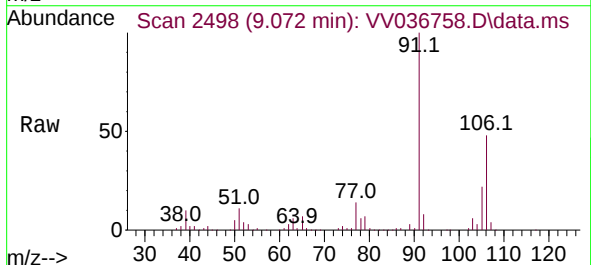
Instrument :
MSVOA_V
ClientSampleId :

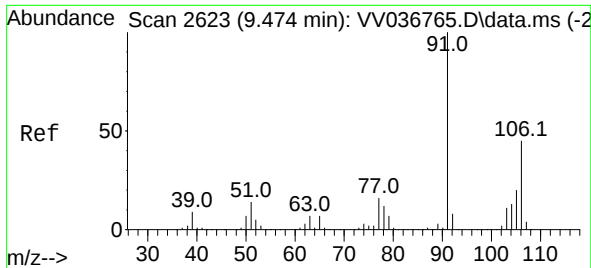
Tgt Ion: 91 Resp: 125696
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.1



#53
m,p-Xylene
Concen: 10.135 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion: 106 Resp: 44610
Ion Ratio Lower Upper
106 100
91 209.1 147.1 273.3

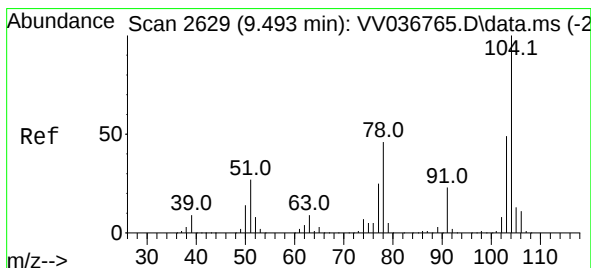
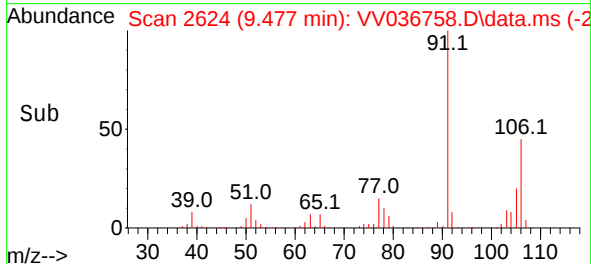
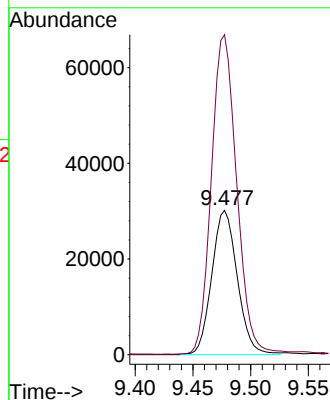
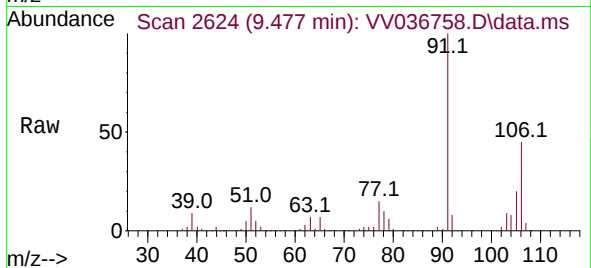




#54
o-Xylene
Concen: 10.599 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

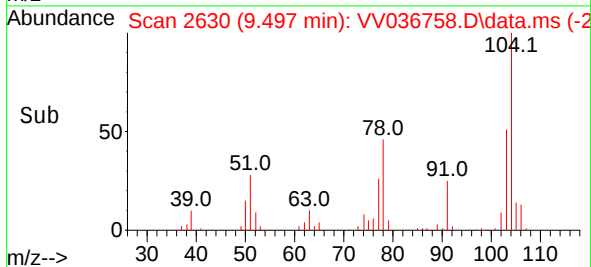
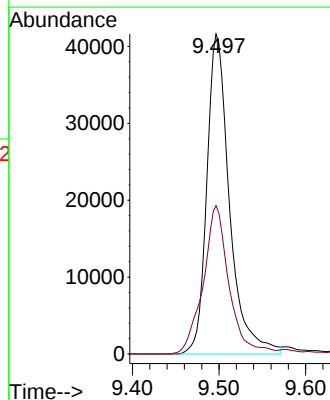
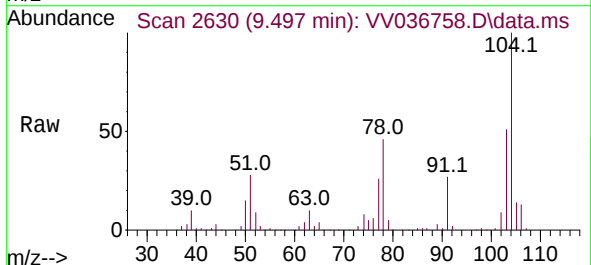
Instrument :
MSVOA_V
ClientSampleId :

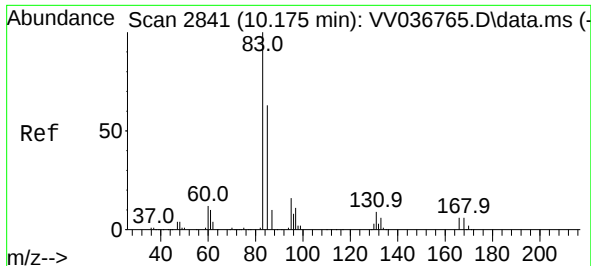
Tgt Ion:106 Resp: 46425
Ion Ratio Lower Upper
106 100
91 221.6 154.5 286.9



#55
Styrene
Concen: 10.101 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion:104 Resp: 75719
Ion Ratio Lower Upper
104 100
78 46.4 32.1 59.7

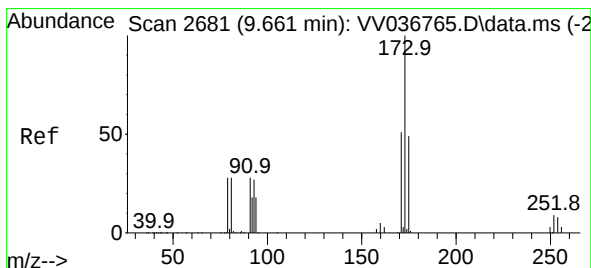
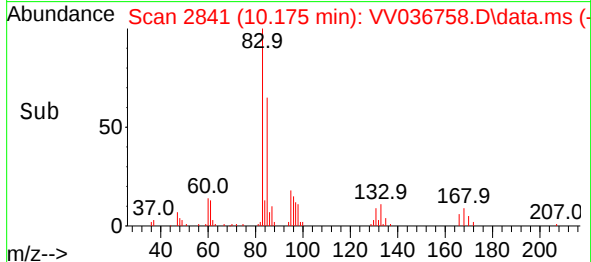
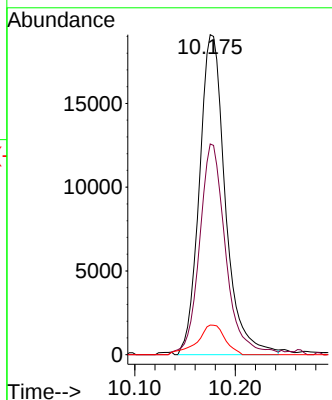
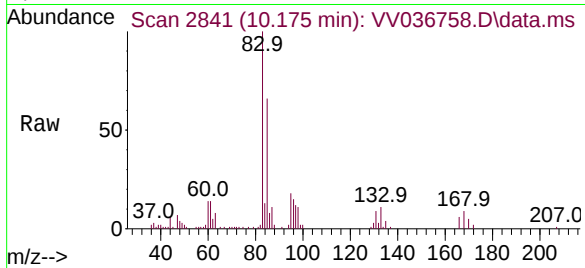




#57
1,1,2,2-Tetrachloroethane
Concen: 10.248 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

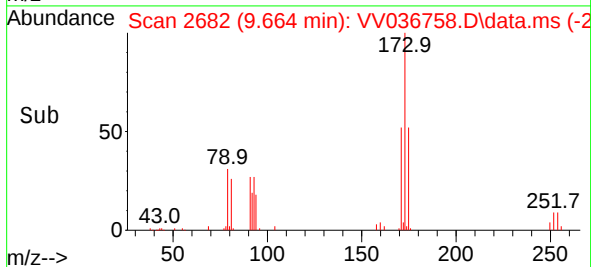
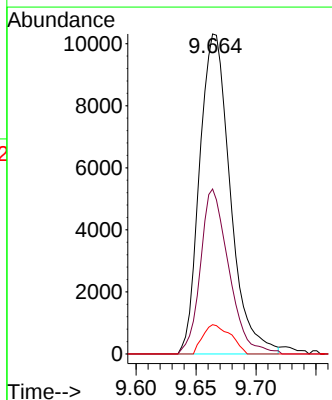
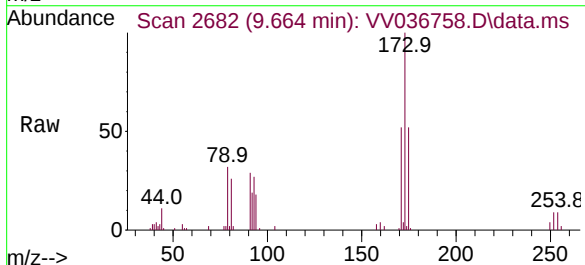
Instrument :
MSVOA_V
ClientSampleId :

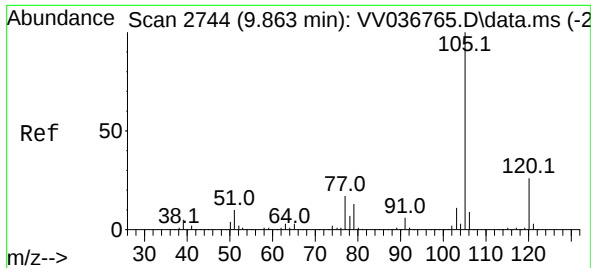
Tgt Ion: 83 Resp: 34248
Ion Ratio Lower Upper
83 100
85 65.8 44.7 83.1
131 9.3 7.2 10.8



#59
Bromoform
Concen: 10.231 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion: 173 Resp: 18327
Ion Ratio Lower Upper
173 100
175 47.6 39.8 59.8
254 8.3 6.8 10.2

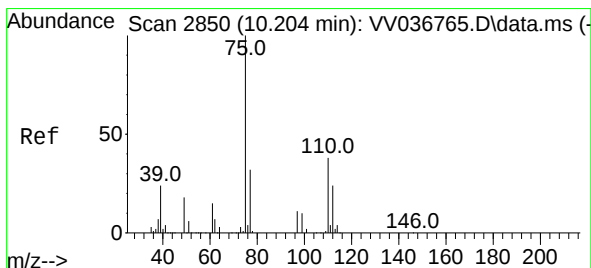
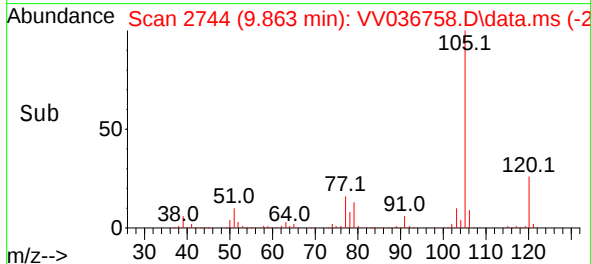
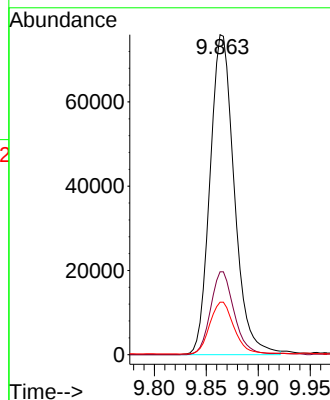
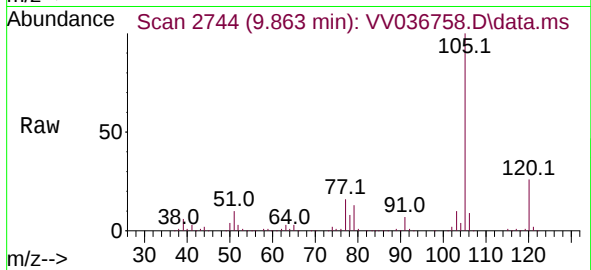




#60
Isopropylbenzene
Concen: 10.510 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

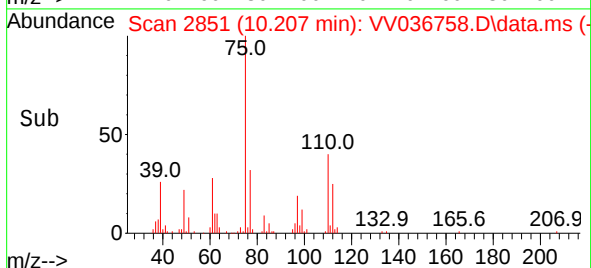
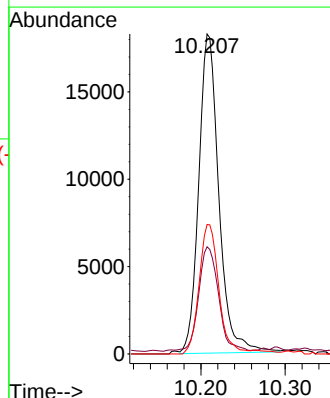
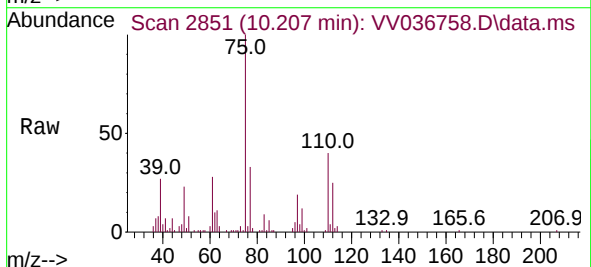
Instrument :
MSVOA_V
ClientSampleId :

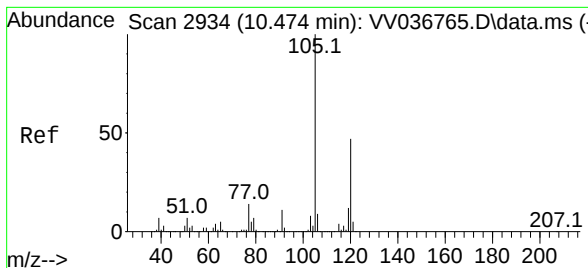
Tgt Ion:105 Resp: 123477
Ion Ratio Lower Upper
105 100
120 25.1 20.3 30.5
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 10.633 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036758.D
Acq: 02 Aug 2024 09:56

Tgt Ion: 75 Resp: 30361
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
110 39.6 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 10.452 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

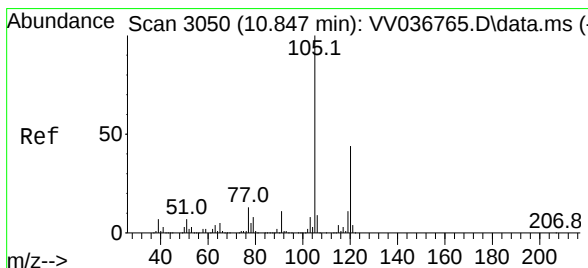
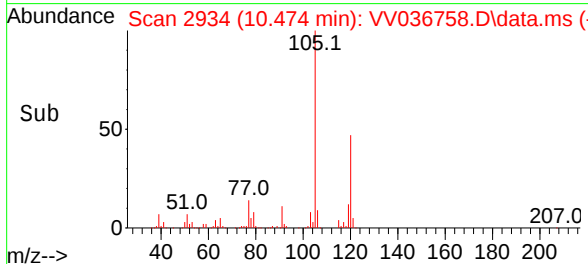
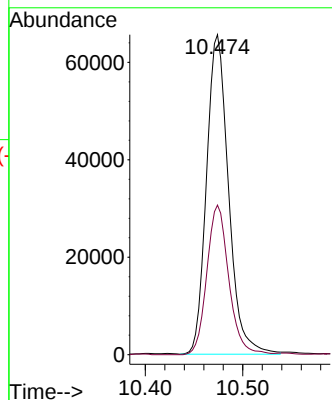
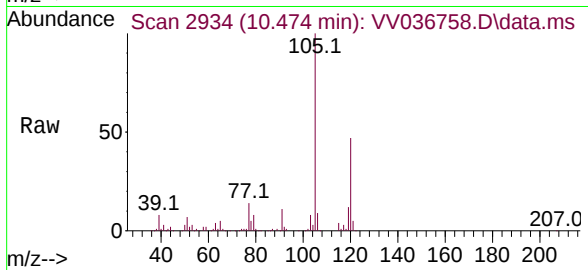
ClientSampleId :

Tgt Ion:105 Resp: 102866

Ion Ratio Lower Upper

105 100

120 46.7 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 10.367 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036758.D

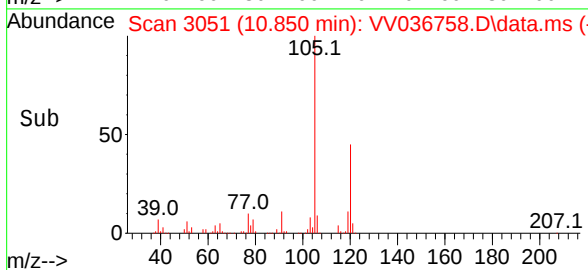
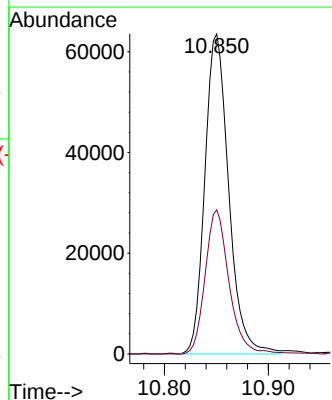
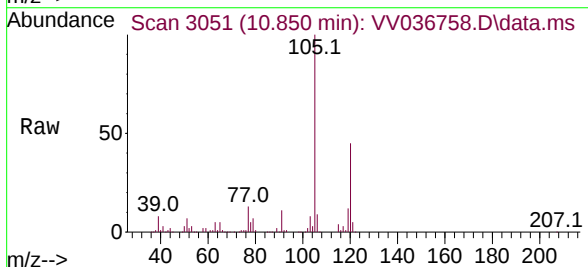
Acq: 02 Aug 2024 09:56

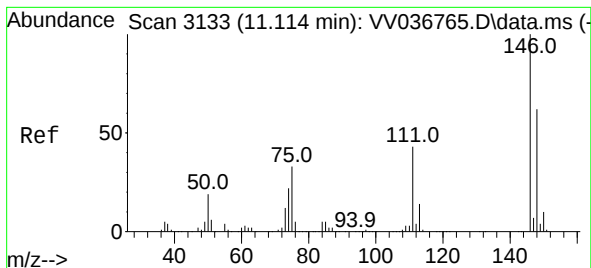
Tgt Ion:105 Resp: 101432

Ion Ratio Lower Upper

105 100

120 44.3 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 10.471 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

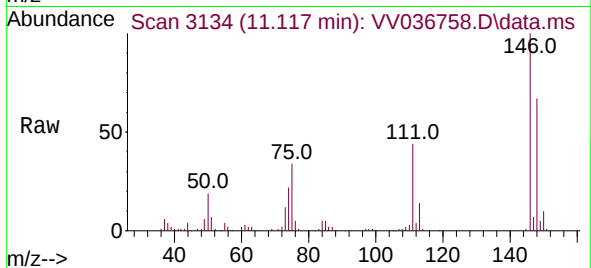
Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

ClientSampleId :



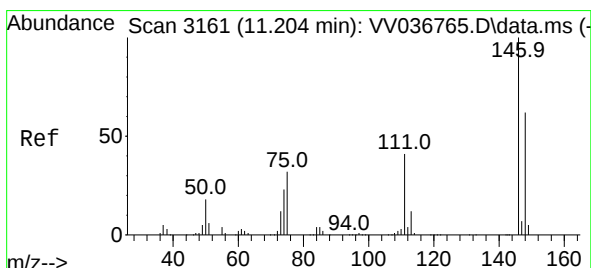
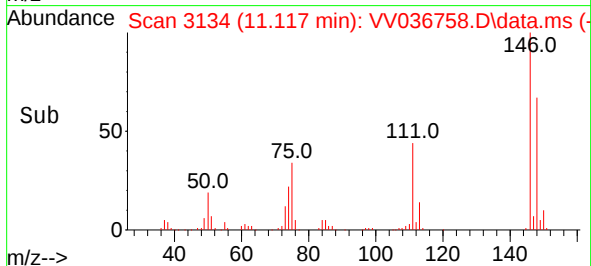
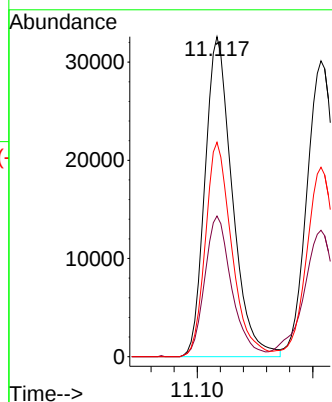
Tgt Ion:146 Resp: 53454

Ion Ratio Lower Upper

146 100

111 43.9 29.8 55.4

148 67.0 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 10.622 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

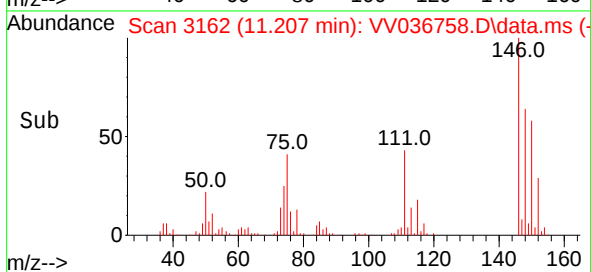
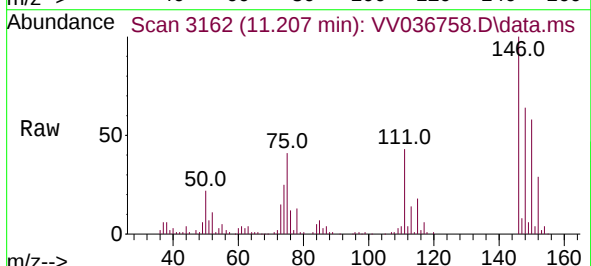
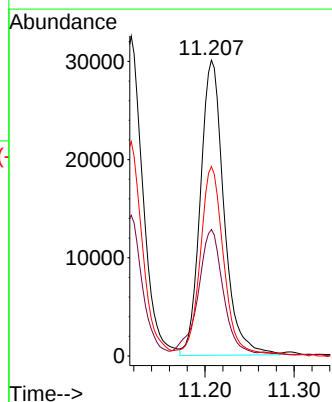
Tgt Ion:146 Resp: 55274

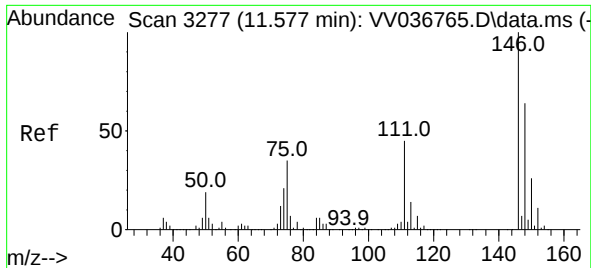
Ion Ratio Lower Upper

146 100

111 42.7 29.0 53.9

148 64.0 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 10.650 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

ClientSampleId :

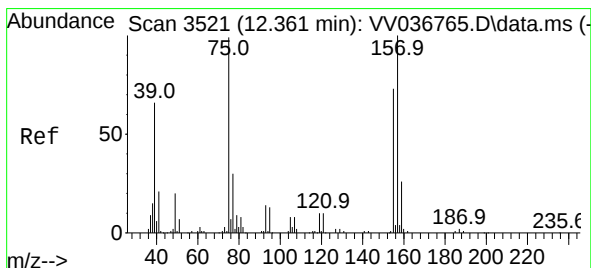
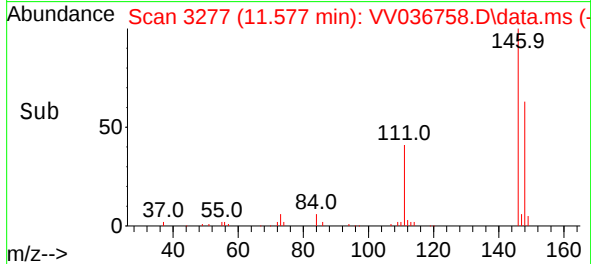
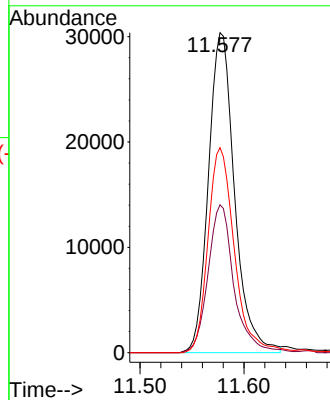
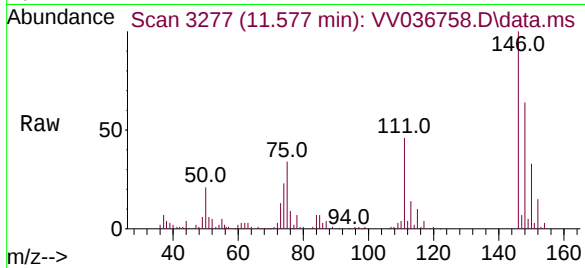
Tgt Ion:146 Resp: 53058

Ion Ratio Lower Upper

146 100

111 46.2 35.7 53.5

148 64.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 9.862 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

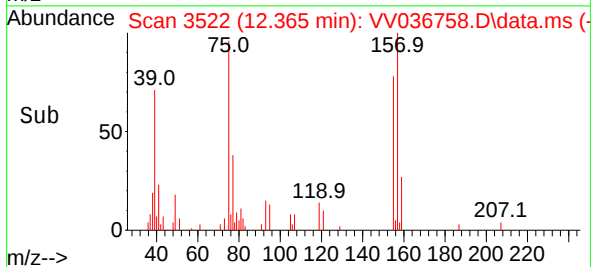
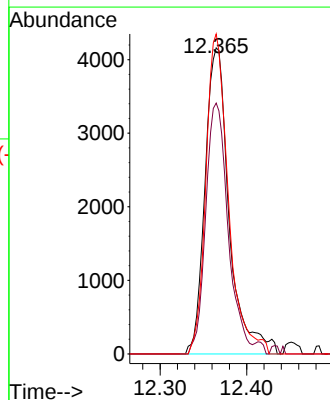
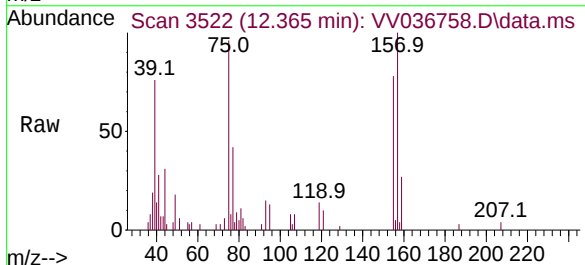
Tgt Ion: 75 Resp: 8058

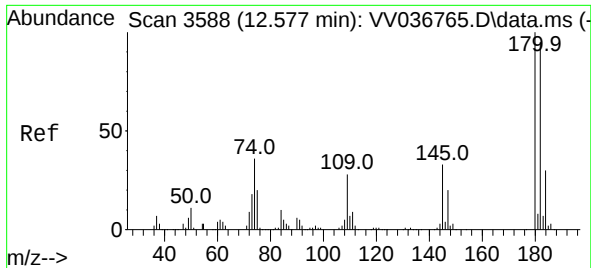
Ion Ratio Lower Upper

75 100

155 81.9 59.5 89.3

157 104.5 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 10.089 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

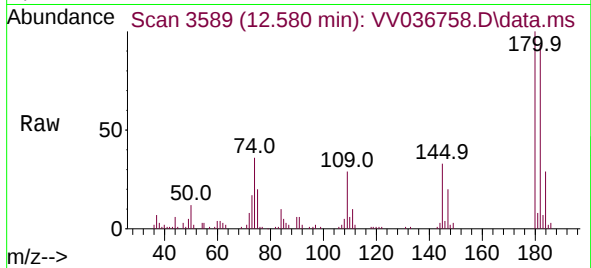
Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 35970

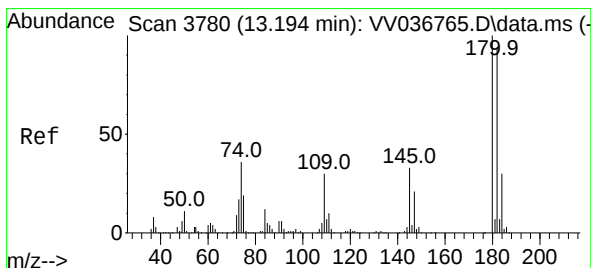
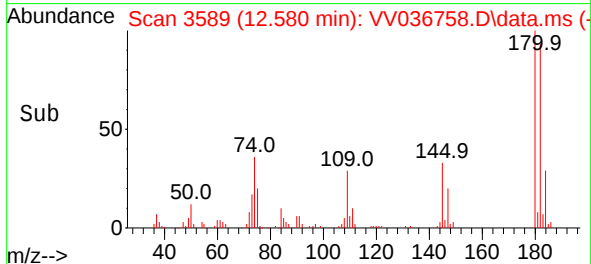
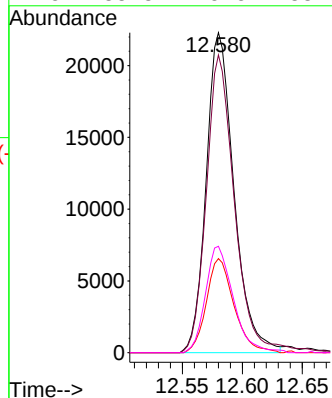
Ion Ratio Lower Upper

180 100

182 92.3 75.0 112.6

184 29.2 23.7 35.5

145 33.3 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 10.338 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

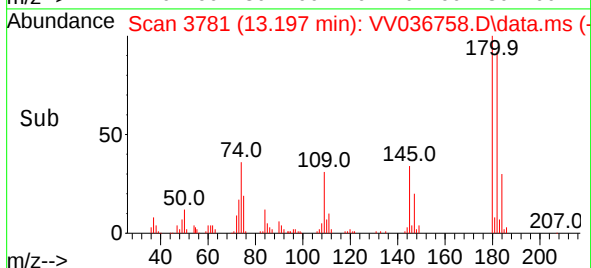
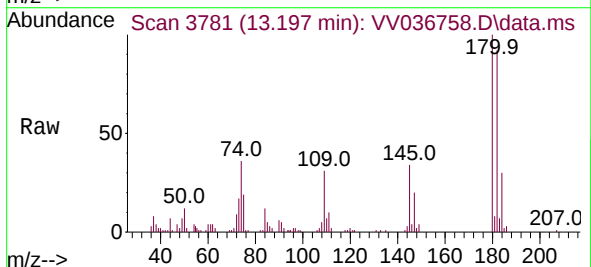
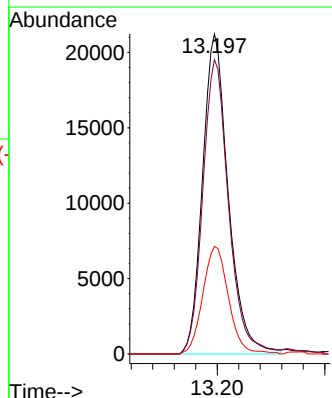
Tgt Ion:180 Resp: 35200

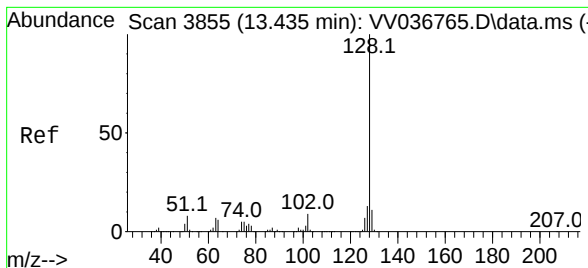
Ion Ratio Lower Upper

180 100

182 92.2 75.1 112.7

145 33.3 26.5 39.7





#71

Naphthalene

Concen: 10.417 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Instrument :

MSVOA_V

ClientSampleId :

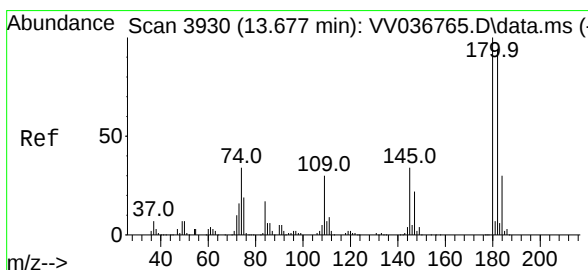
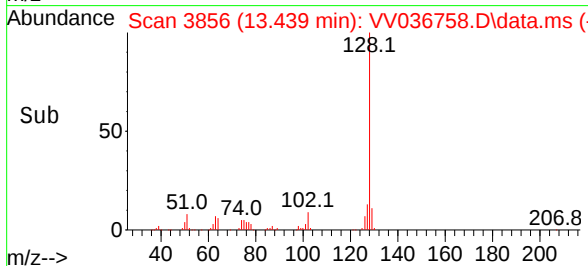
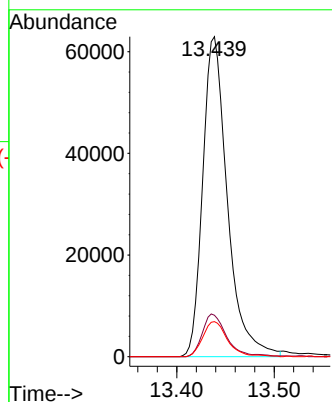
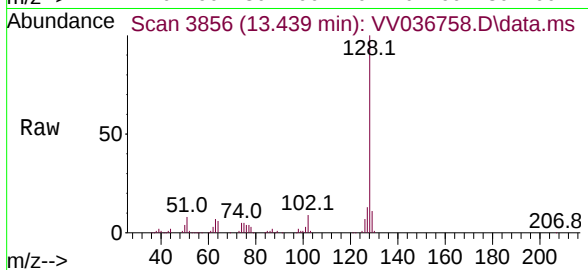
Tgt Ion:128 Resp: 111015

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 10.300 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036758.D

Acq: 02 Aug 2024 09:56

Tgt Ion:180 Resp: 34097

Ion Ratio Lower Upper

180 100

182 96.9 76.2 114.2

145 34.6 27.8 41.6

