

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036759.D
 Acq On : 02 Aug 2024 10:18
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 02 23:51:00 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	317017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302353	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	151458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	181128	76.766	ug/L	0.00
7) Chloroethane-d5	1.529	69	144941	77.714	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	80829	77.463	ug/L	0.00
21) 2-Butanone-d5	3.796	46	198954	183.839	ug/L	0.00
24) Chloroform-d	4.246	84	332859	76.233	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	217877	77.366	ug/L	0.00
32) Benzene-d6	4.953	84	671104	76.790	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	212876	75.701	ug/L	0.00
41) Toluene-d8	7.240	98	612852	77.278	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	109430	75.285	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	121988	159.661	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	240458	75.957	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	215967	75.285	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	103299	44.774	ug/L	99
3) Chloromethane	1.217	50	117891	46.542	ug/L	100
5) Vinyl chloride	1.282	62	122897	46.628	ug/L	100
6) Bromomethane	1.487	94	78135	45.809	ug/L	99
8) Chloroethane	1.548	64	76608	46.158	ug/L	100
9) Trichlorofluoromethane	1.712	101	161254	46.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	95704	46.595	ug/L	99
12) 1,1-Dichloroethene	2.069	96	91416	46.542	ug/L	# 83
13) Acetone	2.114	43	90811	83.431	ug/L	98
14) Carbon disulfide	2.237	76	284475	45.947	ug/L	100
15) Methyl Acetate	2.372	43	103349	46.570	ug/L	99
16) Methylene chloride	2.442	84	102635	46.190	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	96209	47.089	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	326287	45.574	ug/L	100
19) 1,1-Dichloroethane	3.105	63	194291	47.116	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	112691	46.597	ug/L	99
22) 2-Butanone	3.880	43	127972	93.558	ug/L	98
23) Bromochloromethane	4.140	128	53798	46.066	ug/L	92
25) Chloroform	4.272	83	203660	47.519	ug/L	99
27) 1,2-Dichloroethane	5.040	62	157680	47.477	ug/L	100
29) Cyclohexane	4.574	56	176886	46.689	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	172722	46.067	ug/L	99
31) Carbon tetrachloride	4.728	117	147084	46.664	ug/L	99
33) Benzene	5.005	78	422321	47.374	ug/L	100
34) Trichloroethene	5.828	95	118075	45.685	ug/L	97
35) Methylcyclohexane	6.043	83	184195	47.017	ug/L	99
37) 1,2-Dichloropropane	6.092	63	109230	46.535	ug/L	100
38) Bromodichloromethane	6.433	83	152086	46.709	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	188434	46.183	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	260708	91.856	ug/L	100
42) Toluene	7.314	91	441212	46.768	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	179240	47.392	ug/L	100

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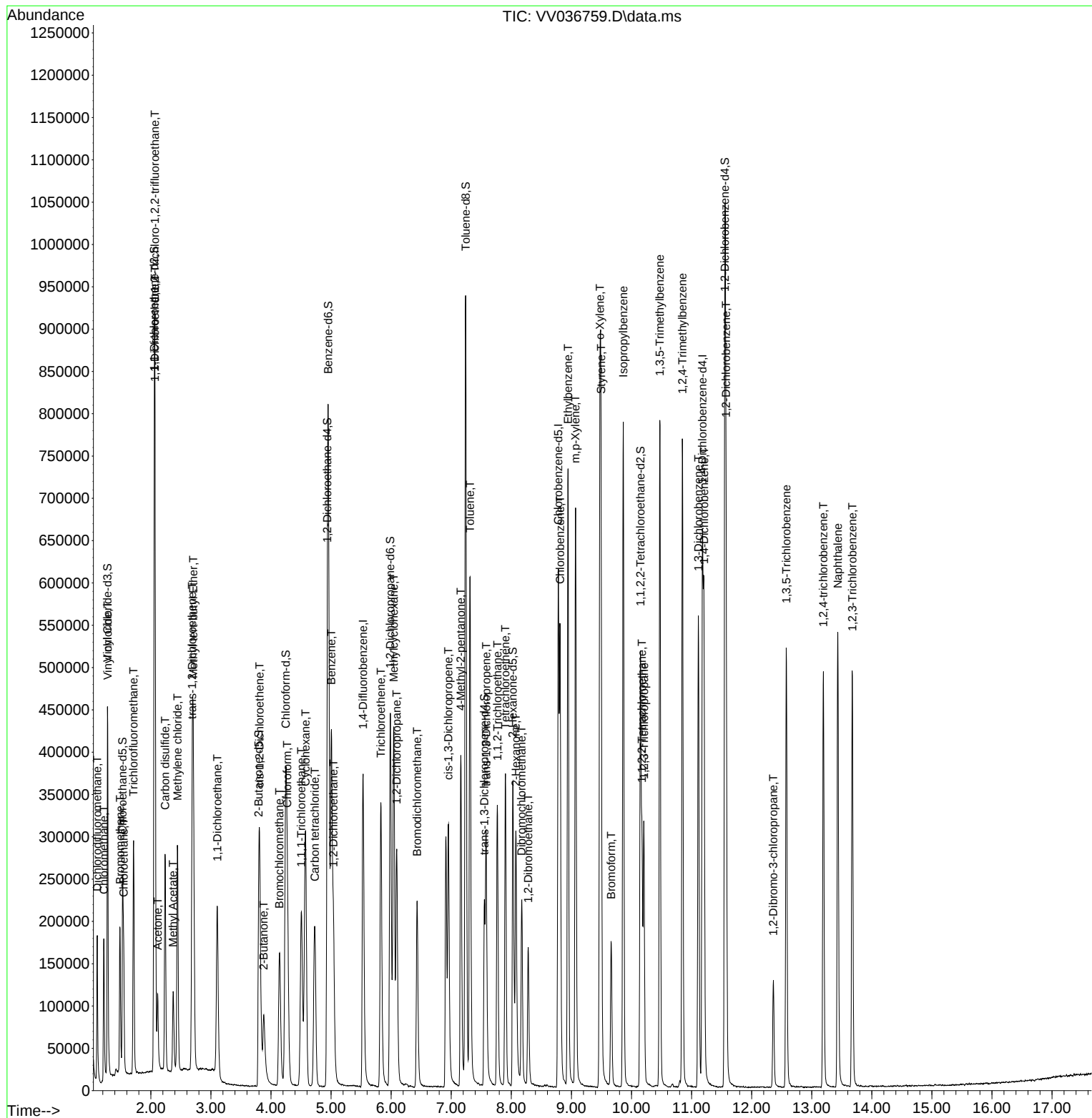
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	102334	45.435	ug/L	96
46) Tetrachloroethene	7.902	164	77102	45.898	ug/L	99
48) 2-Hexanone	8.076	43	191805	89.726	ug/L	98
49) Dibromochloromethane	8.172	129	108939	46.116	ug/L	99
50) 1,2-Dibromoethane	8.281	107	110497	46.404	ug/L	98
51) Chlorobenzene	8.812	112	276665	45.288	ug/L	98
52) Ethylbenzene	8.944	91	505247	46.446	ug/L	99
53) m,p-Xylene	9.069	106	185870	46.622	ug/L	99
54) o-Xylene	9.474	106	181140	45.657	ug/L	97
55) Styrene	9.493	104	314751	46.358	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	141897	46.876	ug/L	100
59) Bromoform	9.664	173	75512	46.021	ug/L	97
60) Isopropylbenzene	9.863	105	494094	45.915	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	120756	46.171	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	413137	45.829	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	412854	46.069	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	211547	45.241	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	217420	45.616	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	208774	45.752	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	34381	45.942	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	148040	45.334	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	140839	45.158	ug/L	98
71) Naphthalene	13.435	128	429533	44.005	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	136064	44.876	ug/L	99

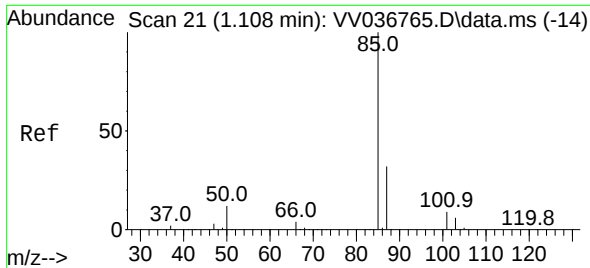
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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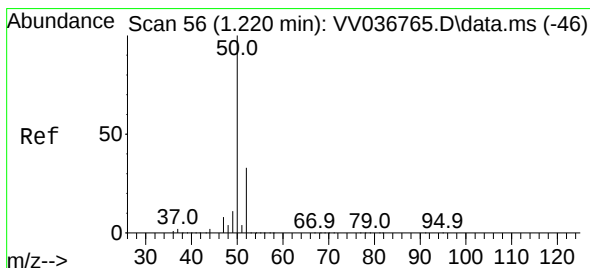
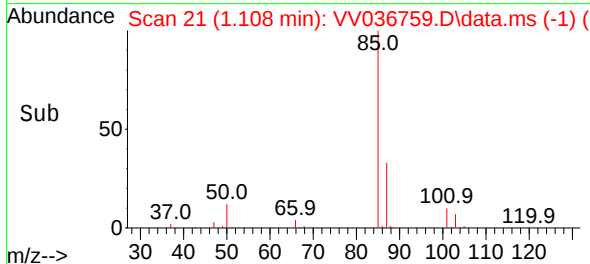
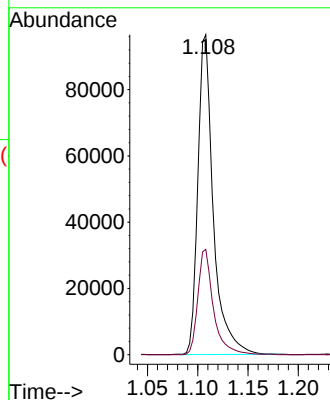
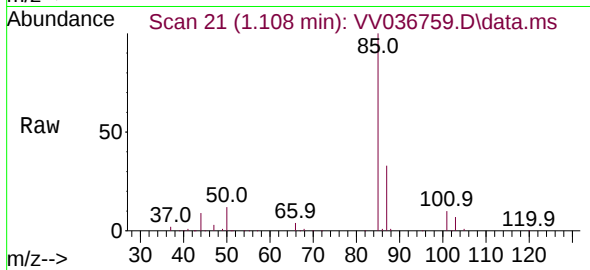




#2
 Dichlorodifluoromethane
 Concen: 44.774 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036759.D
 Acq: 02 Aug 2024 10:18

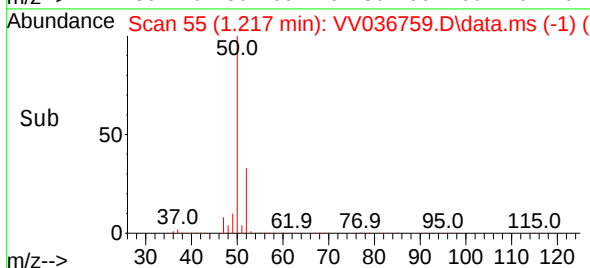
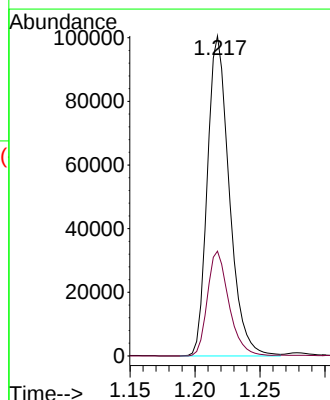
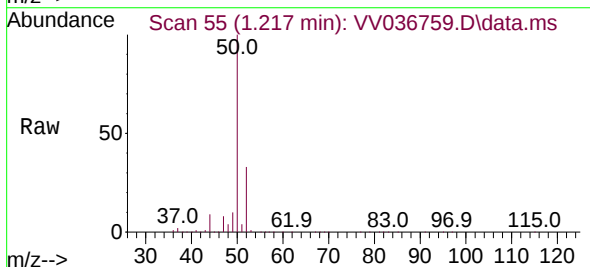
Instrument :
 MSVOA_V
 ClientSampleId :

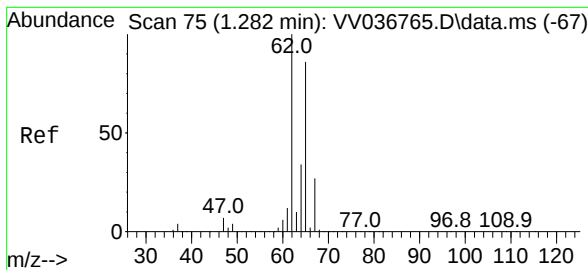
Tgt Ion: 85 Resp: 103299
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.9 38.9



#3
 Chloromethane
 Concen: 46.542 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VV036759.D
 Acq: 02 Aug 2024 10:18

Tgt Ion: 50 Resp: 117891
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.8

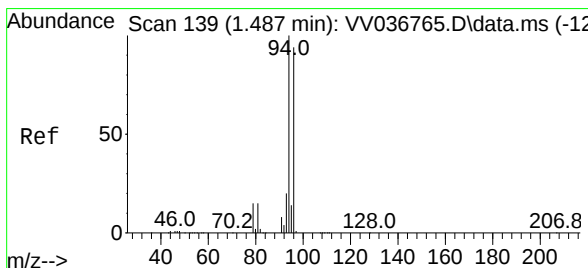
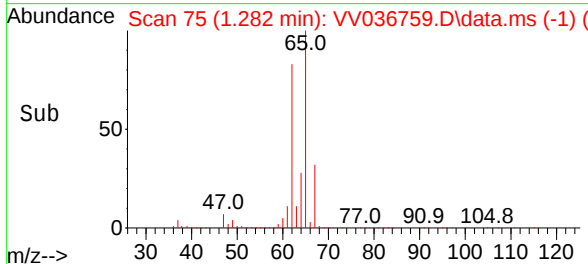
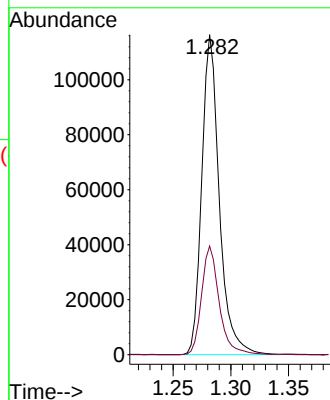
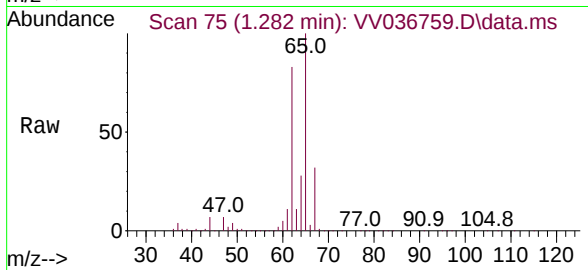




#5
 Vinyl chloride
 Concen: 46.628 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV036759.D
 Acq: 02 Aug 2024 10:18

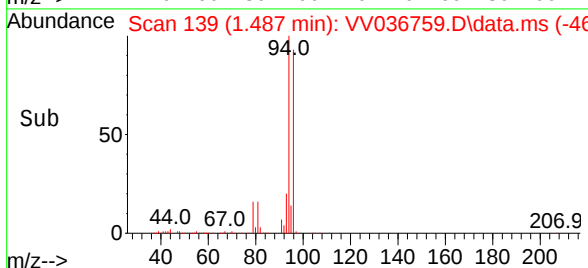
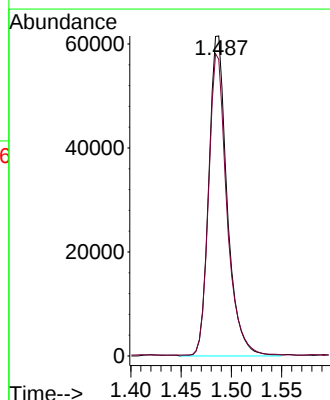
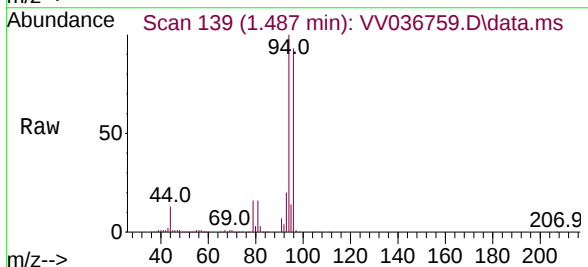
Instrument :
 MSVOA_V
 ClientSampleId :

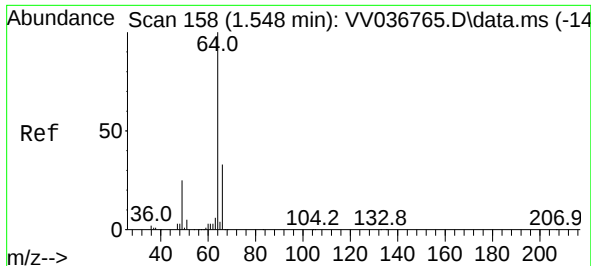
Tgt Ion: 62 Resp: 122897
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.6 43.8



#6
 Bromomethane
 Concen: 45.809 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV036759.D
 Acq: 02 Aug 2024 10:18

Tgt Ion: 94 Resp: 78135
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.5 121.7





#8

Chloroethane

Concen: 46.158 ug/L

RT: 1.548 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

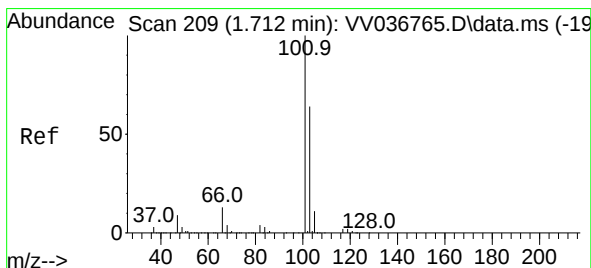
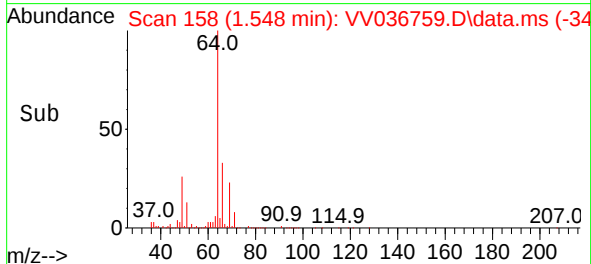
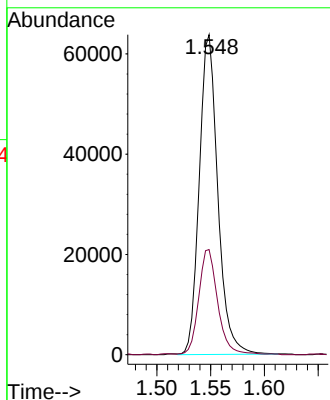
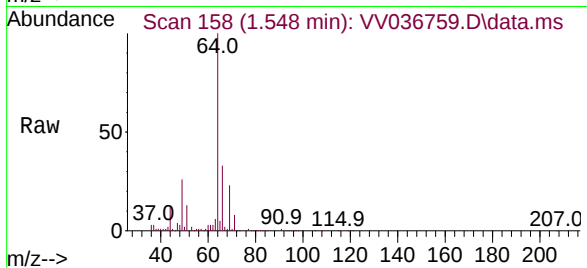
ClientSampleId :

Tgt Ion: 64 Resp: 76608

Ion Ratio Lower Upper

64 100

66 32.8 23.2 43.0



#9

Trichlorofluoromethane

Concen: 46.691 ug/L

RT: 1.712 min Scan# 209

Delta R.T. 0.000 min

Lab File: VV036759.D

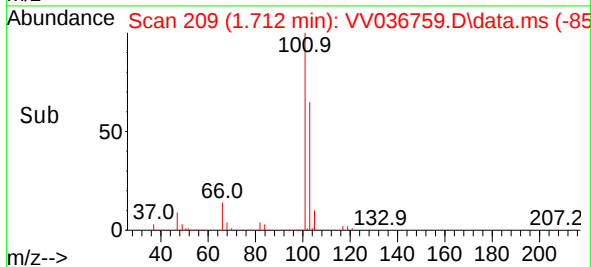
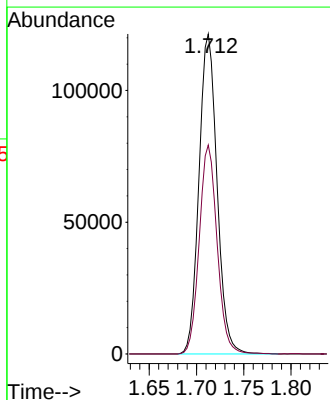
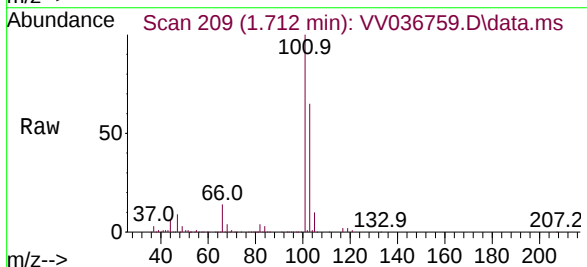
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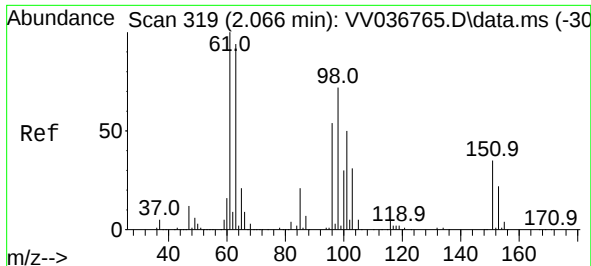
Tgt Ion:101 Resp: 161254

Ion Ratio Lower Upper

101 100

103 64.7 51.4 77.0

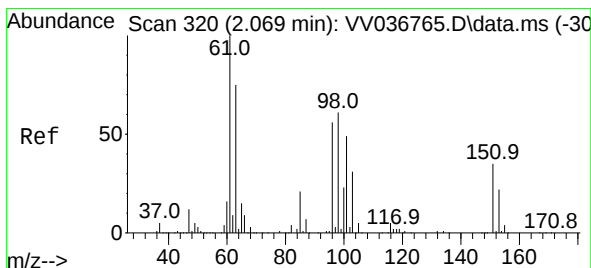
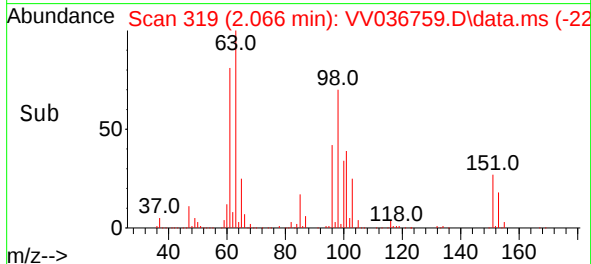
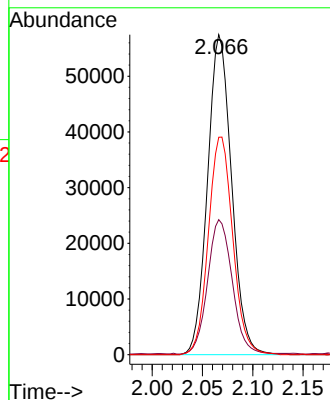
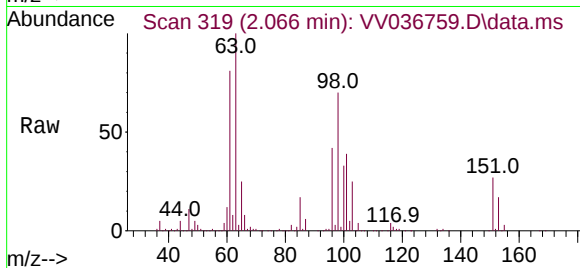




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.595 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV036759.D
 Acq: 02 Aug 2024 10:18

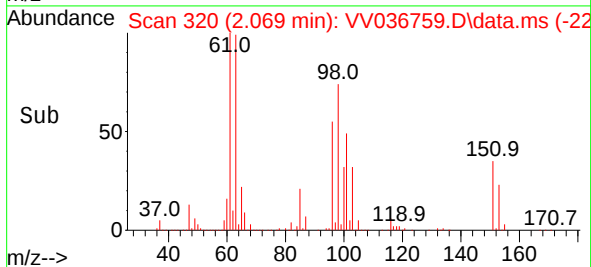
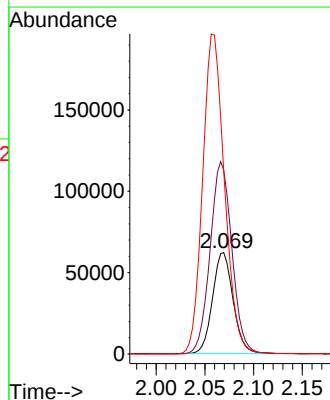
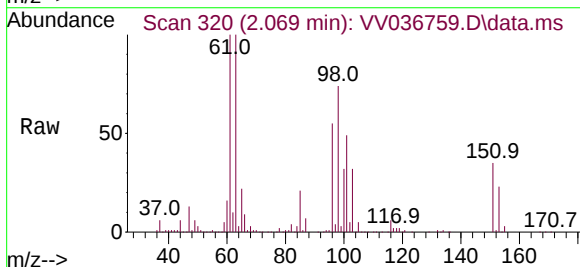
Instrument :
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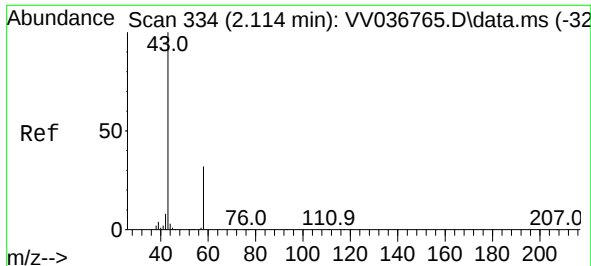
Tgt Ion:101 Resp: 95704
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.6 51.8
 151 69.0 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 46.542 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV036759.D
 Acq: 02 Aug 2024 10:18

Tgt Ion: 96 Resp: 91416
 Ion Ratio Lower Upper
 96 100
 61 181.3 125.6 233.2
 63 180.5 95.1 176.7#





#13

Acetone

Concen: 83.431 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

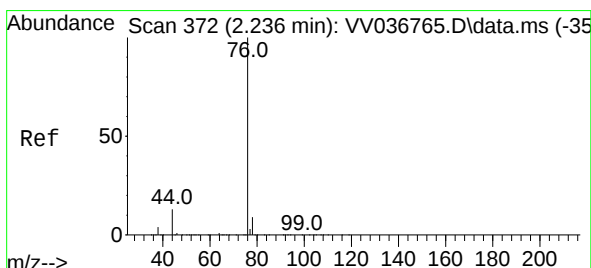
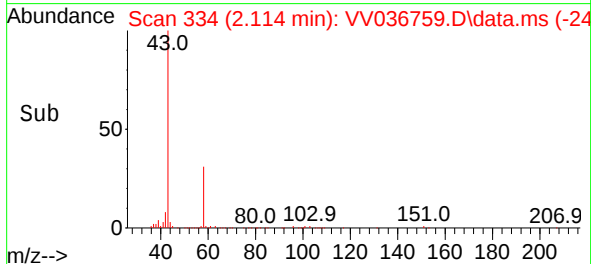
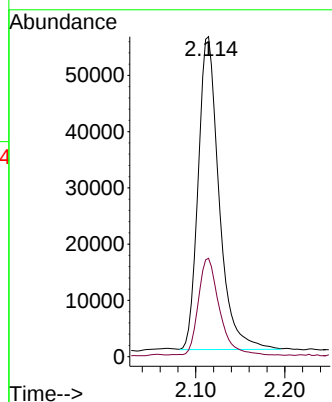
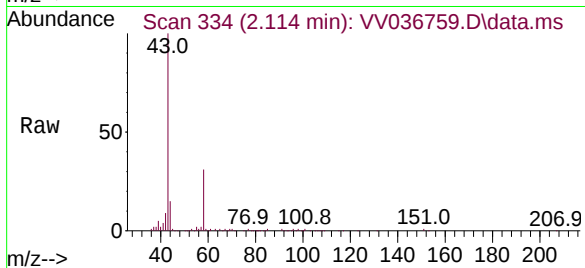
ClientSampleId :

Tgt Ion: 43 Resp: 90811

Ion Ratio Lower Upper

43 100

58 30.8 0.0 63.4



#14

Carbon disulfide

Concen: 45.947 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036759.D

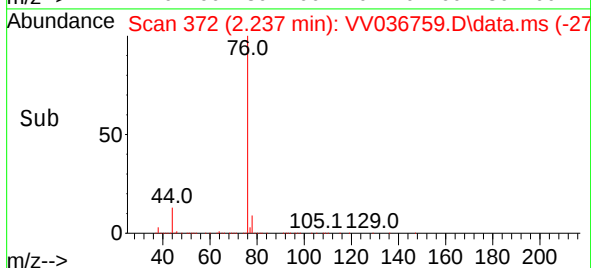
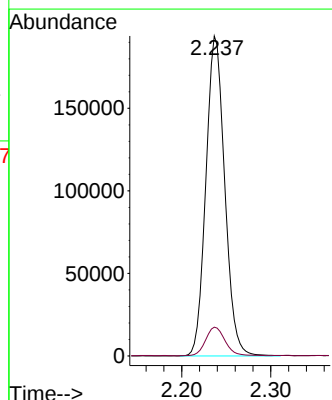
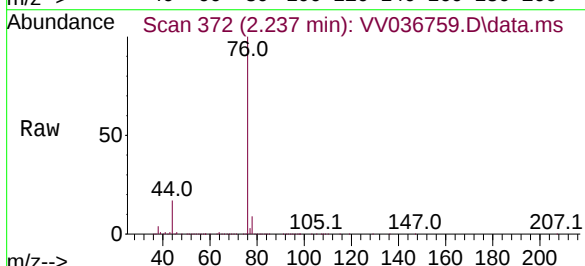
Acq: 02 Aug 2024 10:18

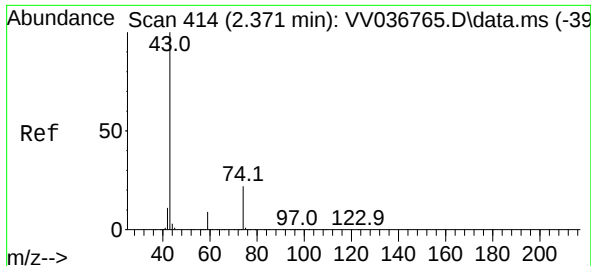
Tgt Ion: 76 Resp: 284475

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7





#15

Methyl Acetate

Concen: 46.570 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

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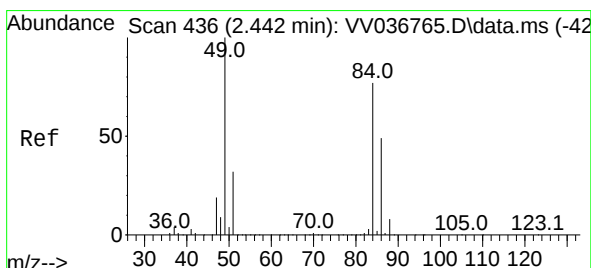
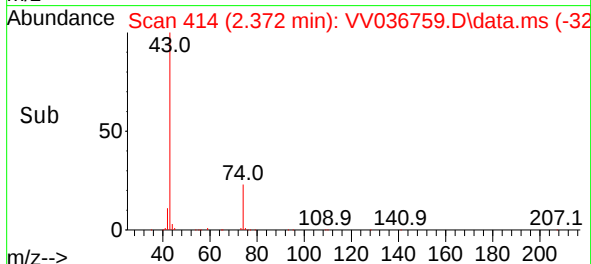
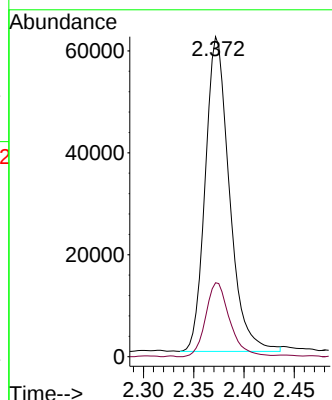
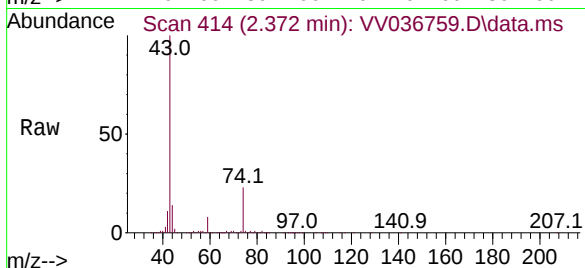
ClientSampleId :

Tgt Ion: 43 Resp: 103349

Ion Ratio Lower Upper

43 100

74 23.4 19.0 28.4



#16

Methylene chloride

Concen: 46.190 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

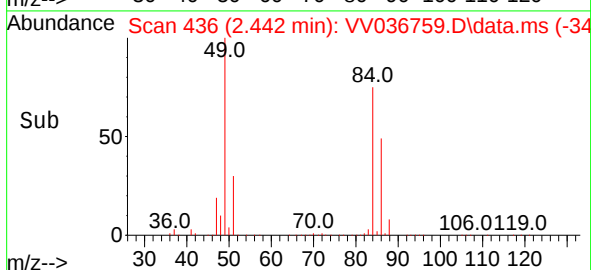
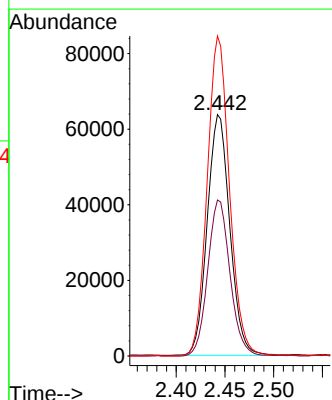
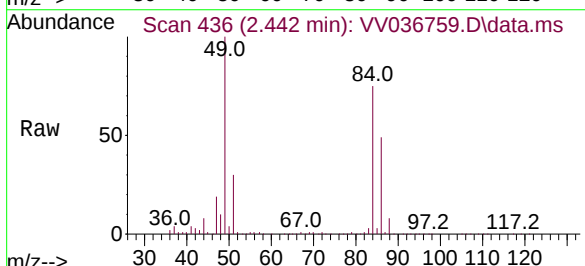
Tgt Ion: 84 Resp: 102635

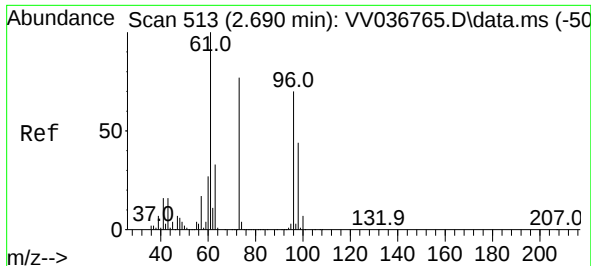
Ion Ratio Lower Upper

84 100

86 64.6 44.3 82.3

49 132.5 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 47.089 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

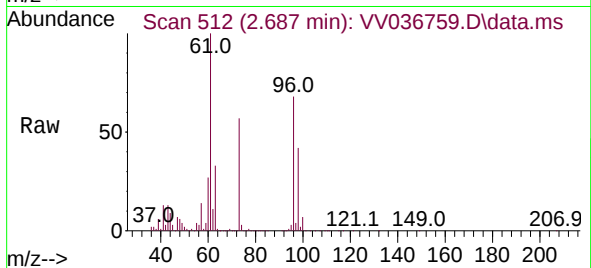
Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :



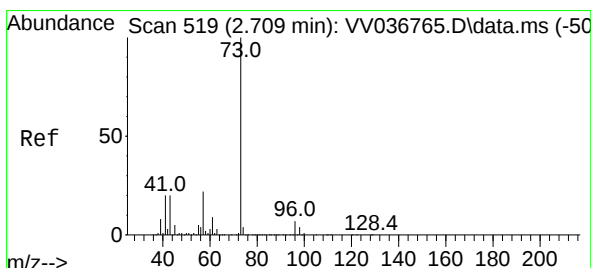
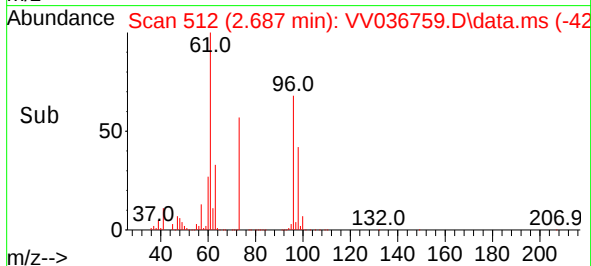
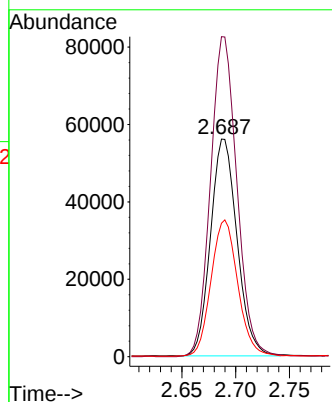
Tgt Ion: 96 Resp: 96209

Ion Ratio Lower Upper

96 100

61 147.0 100.0 185.8

98 61.3 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 45.574 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.003 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

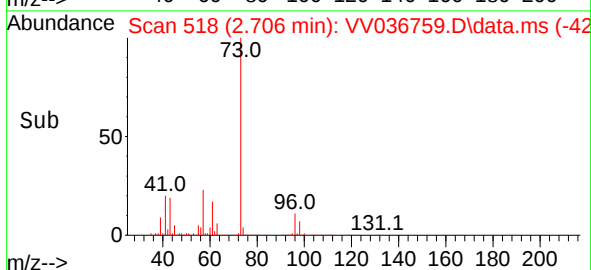
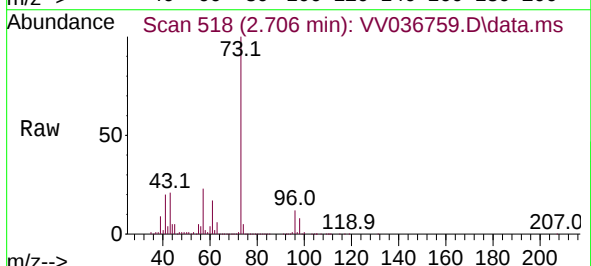
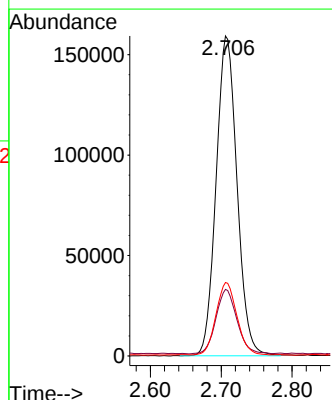
Tgt Ion: 73 Resp: 326287

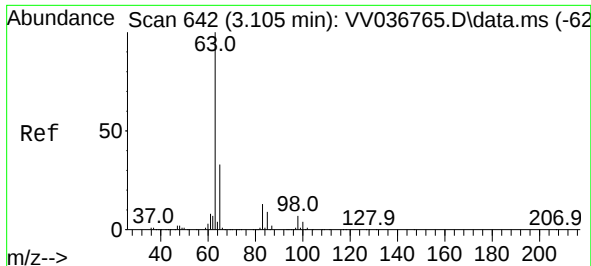
Ion Ratio Lower Upper

73 100

43 20.2 16.1 24.1

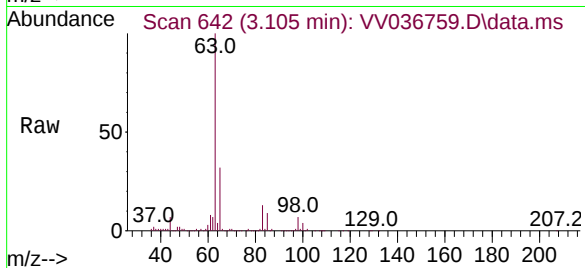
57 22.5 17.9 26.9



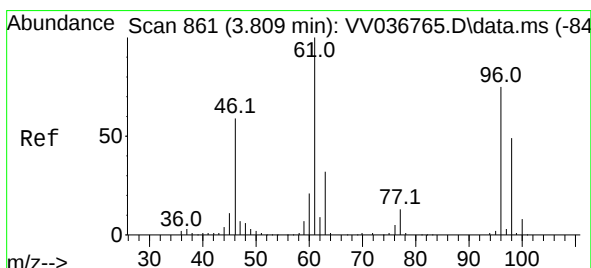
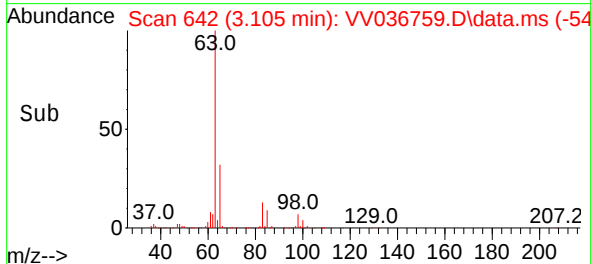
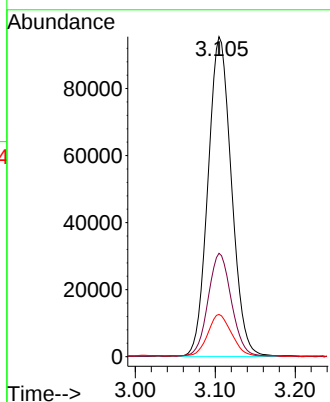


#19
1,1-Dichloroethane
Concen: 47.116 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Instrument :
MSVOA_V
ClientSampleId :

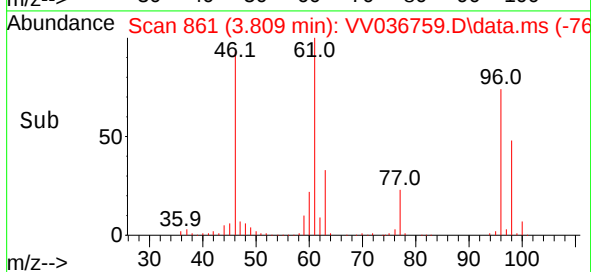
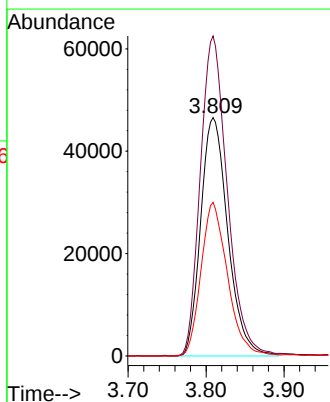
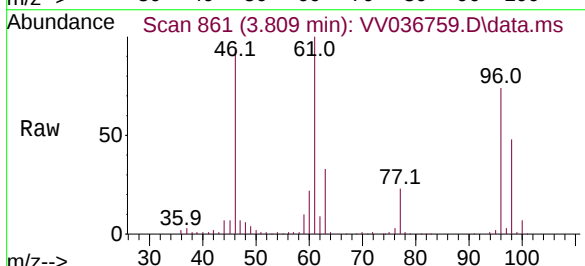


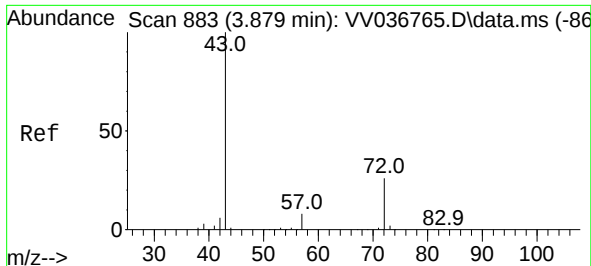
Tgt Ion: 63 Resp: 194291
Ion Ratio Lower Upper
63 100
65 32.3 23.2 43.0
83 13.2 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 46.597 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion: 96 Resp: 112691
Ion Ratio Lower Upper
96 100
61 134.3 93.9 174.5
98 64.5 46.0 85.4





#22

2-Butanone

Concen: 93.558 ug/L

RT: 3.880 min Scan# 883

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

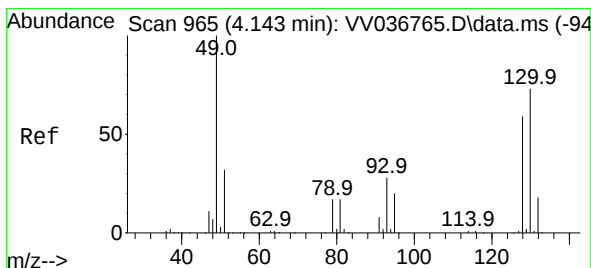
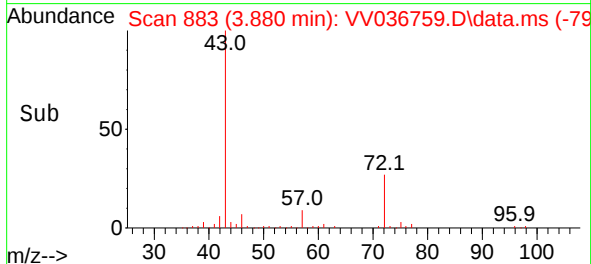
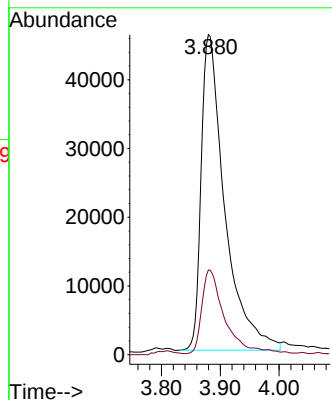
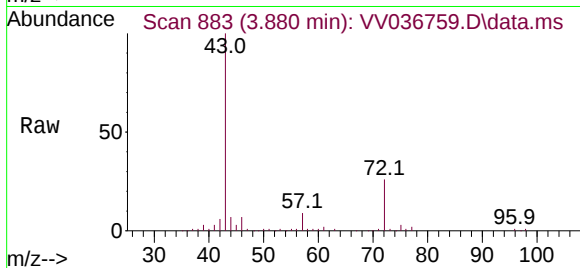
ClientSampleId :

Tgt Ion: 43 Resp: 127972

Ion Ratio Lower Upper

43 100

72 24.2 12.5 37.5



#23

Bromochloromethane

Concen: 46.066 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Tgt Ion:128 Resp: 53798

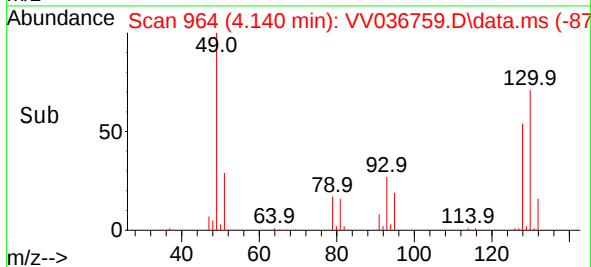
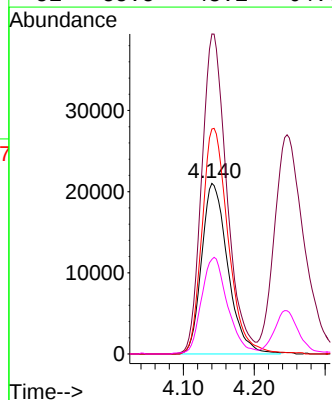
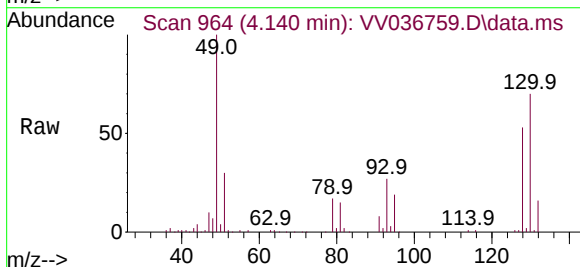
Ion Ratio Lower Upper

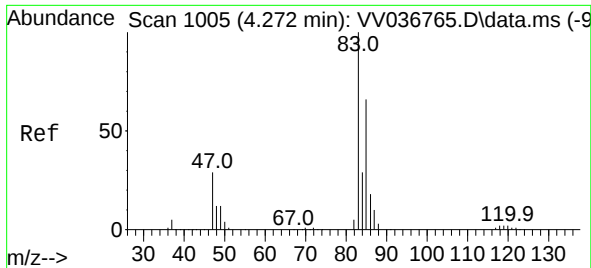
128 100

49 187.6 120.0 223.0

130 131.9 87.0 161.6

51 55.5 43.1 64.7

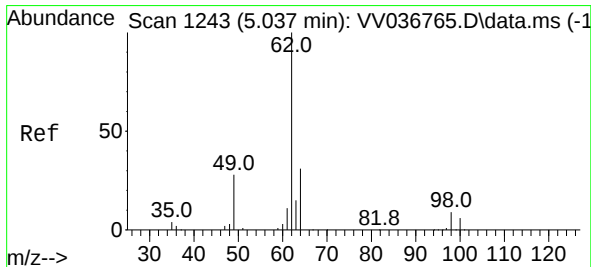
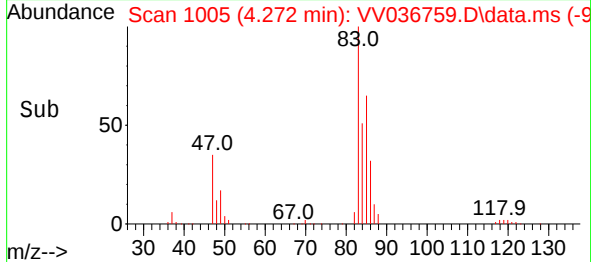
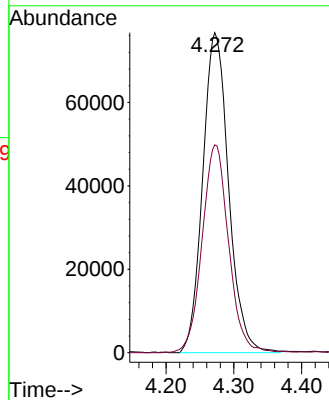
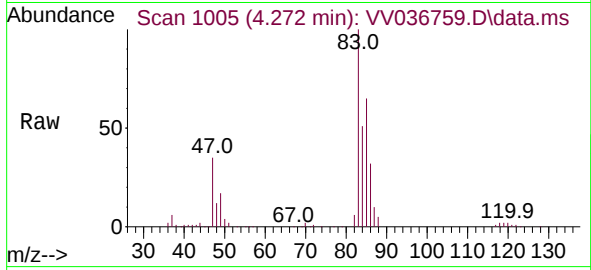




#25
Chloroform
Concen: 47.519 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

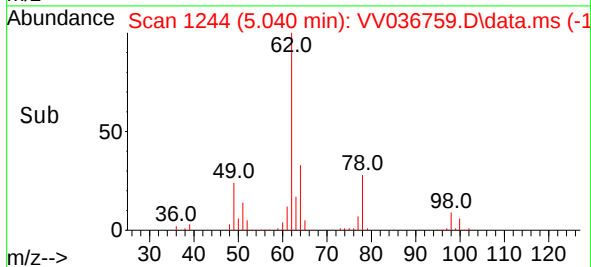
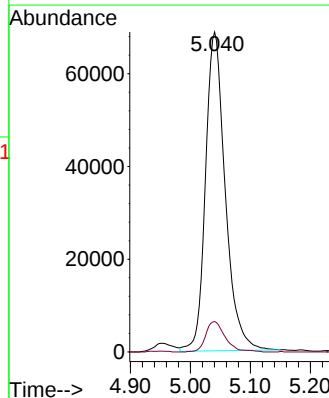
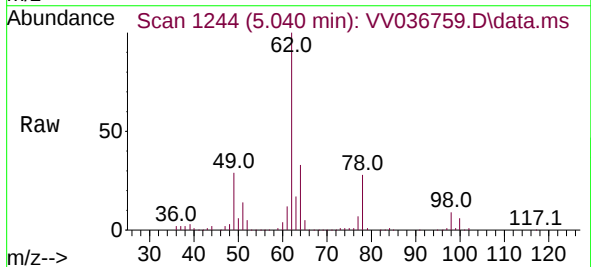
Instrument :
MSVOA_V
ClientSampleId :

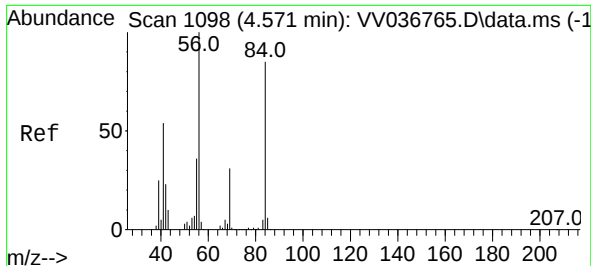
Tgt Ion: 83 Resp: 203660
Ion Ratio Lower Upper
83 100
85 65.0 46.0 85.4



#27
1,2-Dichloroethane
Concen: 47.477 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

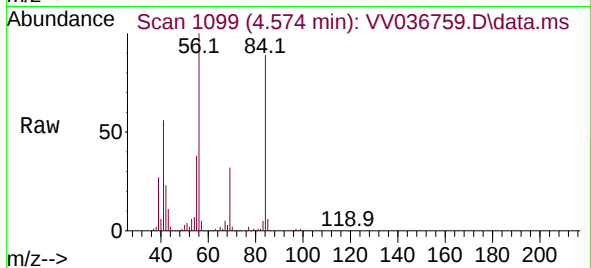
Tgt Ion: 62 Resp: 157680
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3



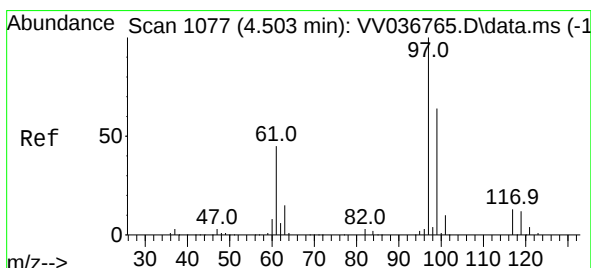
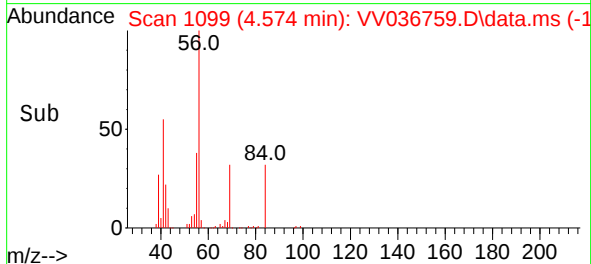
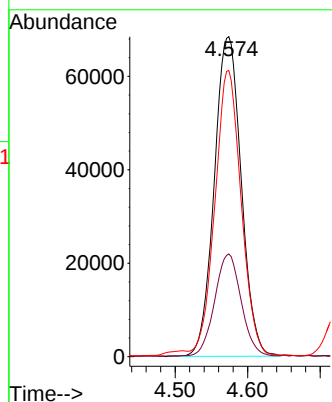


#29
Cyclohexane
Concen: 46.689 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Instrument :
MSVOA_V
ClientSampleId :

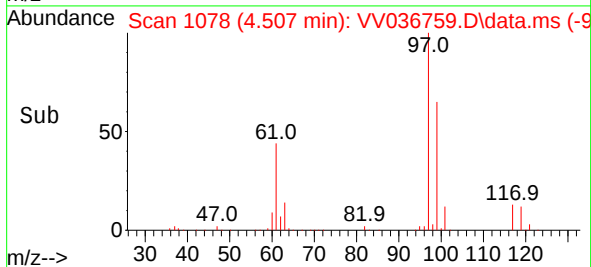
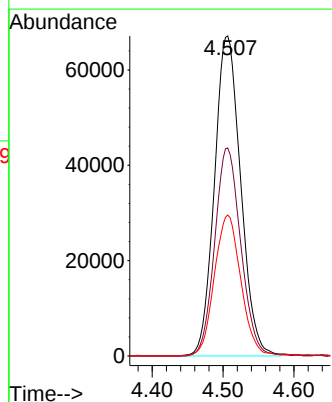
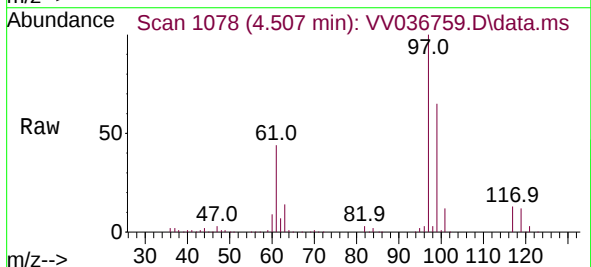


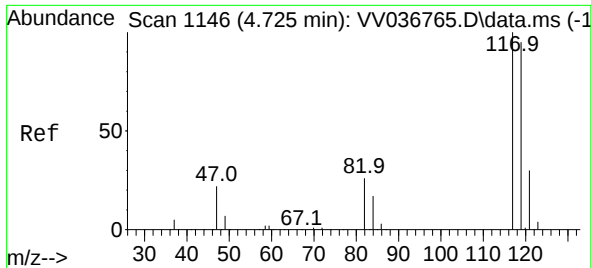
Tgt Ion: 56 Resp: 176886
Ion Ratio Lower Upper
56 100
69 31.2 24.7 37.1
84 86.3 68.5 102.7



#30
1,1,1-Trichloroethane
Concen: 46.067 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion: 97 Resp: 172722
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 44.5 36.0 54.0

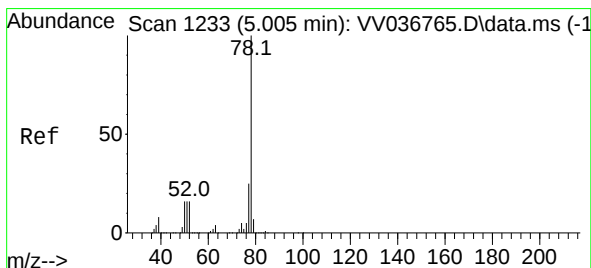
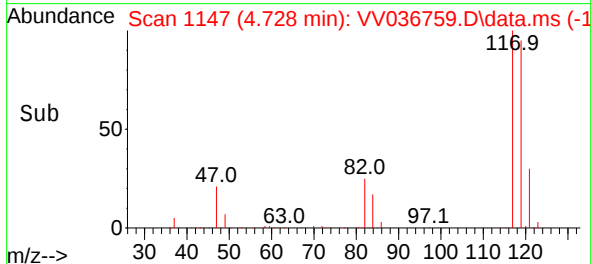
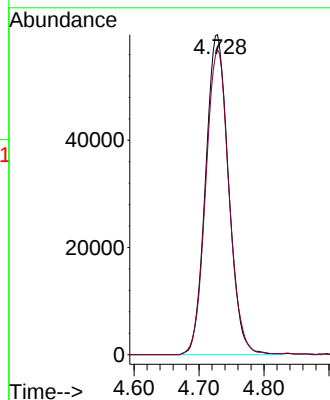
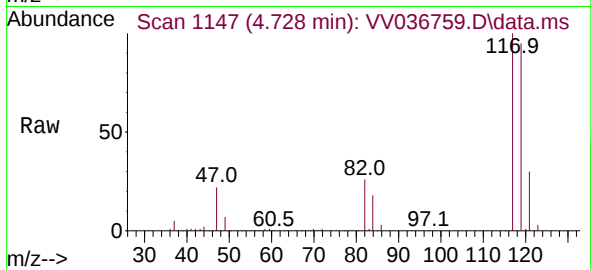




#31
Carbon tetrachloride
Concen: 46.664 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

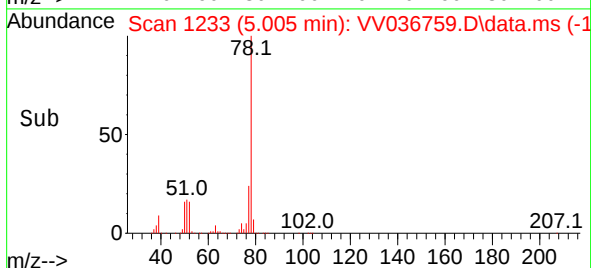
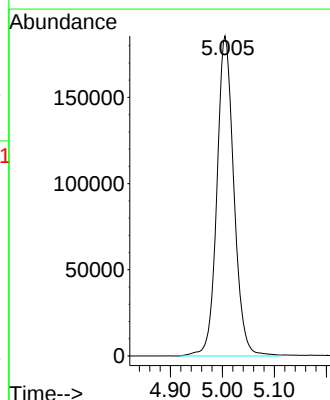
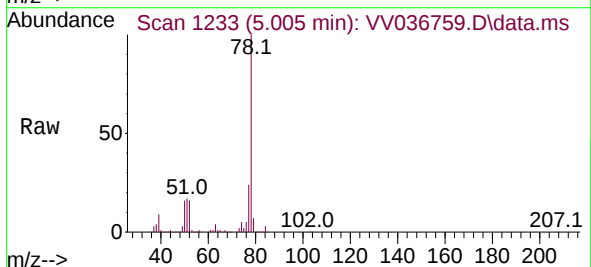
Instrument :
MSVOA_V
ClientSampleId :

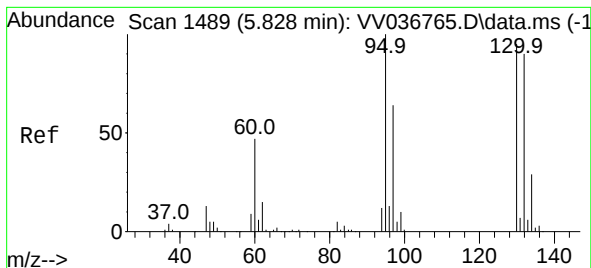
Tgt Ion:117 Resp: 147084
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1



#33
Benzene
Concen: 47.374 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion: 78 Resp: 422321





#34

Trichloroethene

Concen: 45.685 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 118075

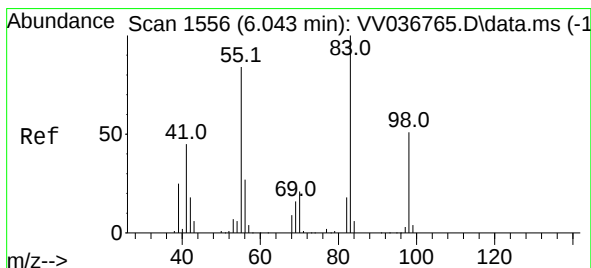
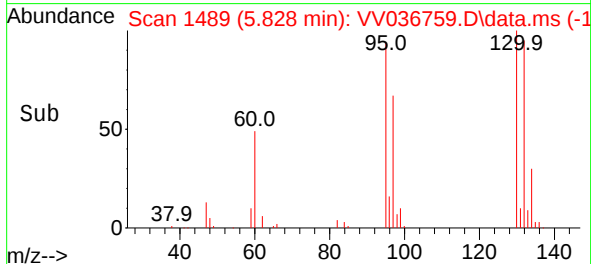
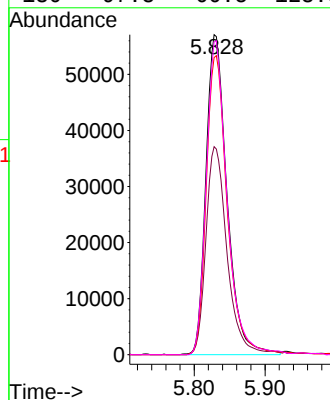
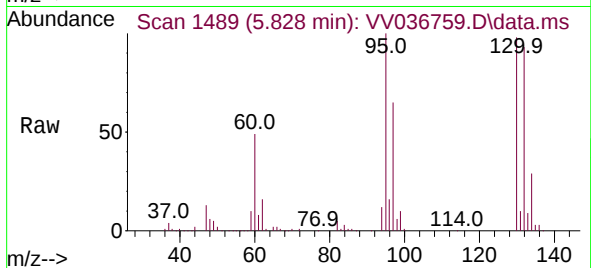
Ion Ratio Lower Upper

95 100

97 65.0 44.7 82.9

132 92.9 62.9 116.9

130 97.8 66.5 123.5



#35

Methylcyclohexane

Concen: 47.017 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

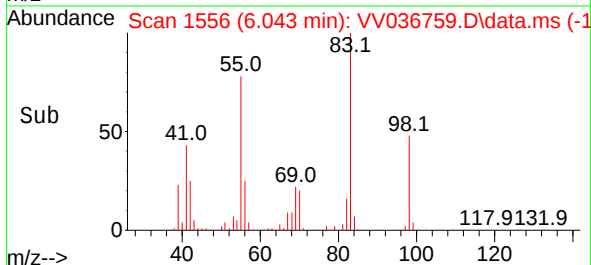
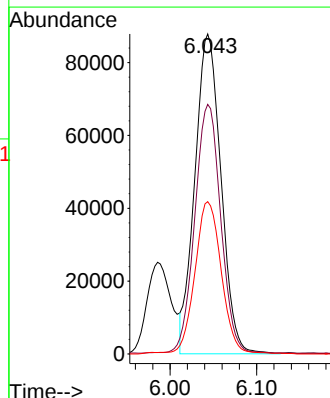
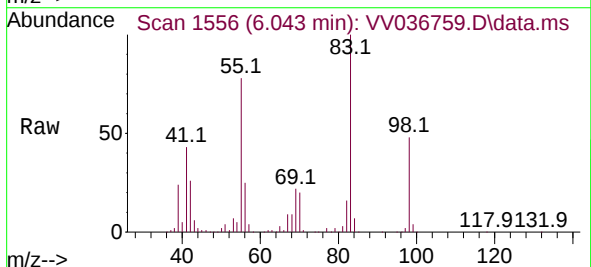
Tgt Ion: 83 Resp: 184195

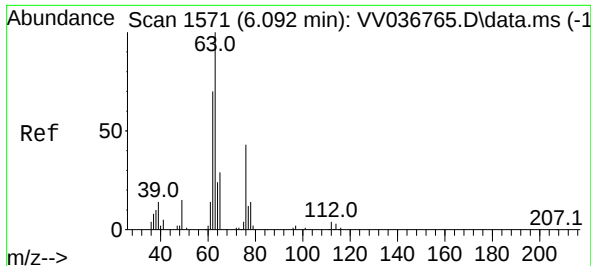
Ion Ratio Lower Upper

83 100

55 77.5 62.3 93.5

98 47.6 38.7 58.1

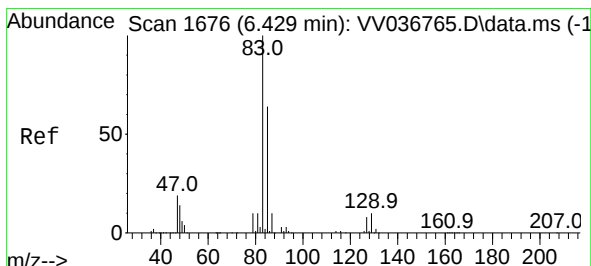
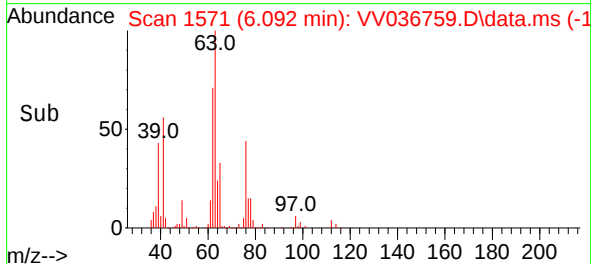
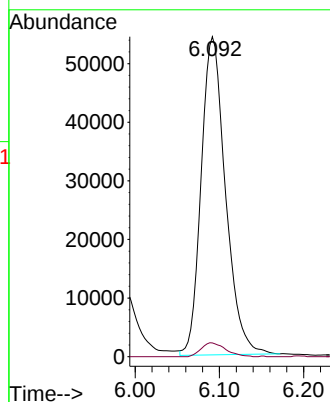
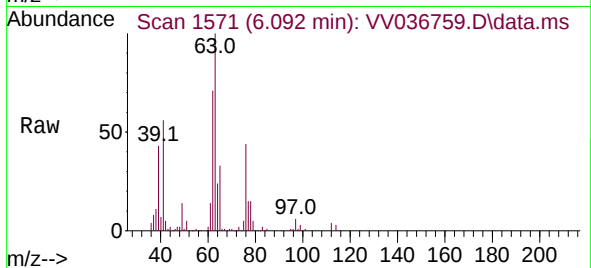




#37
1,2-Dichloropropane
Concen: 46.535 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

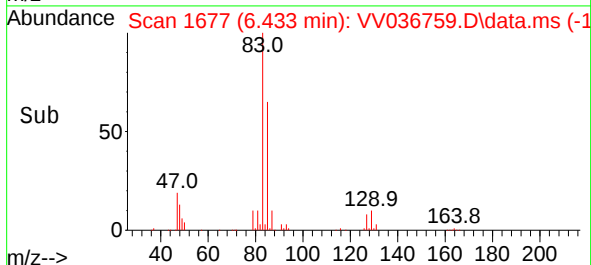
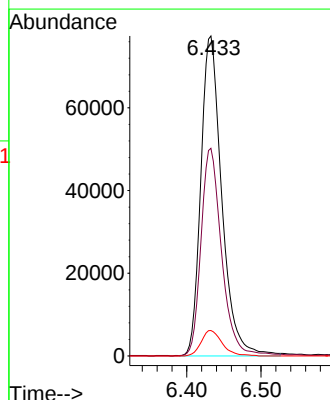
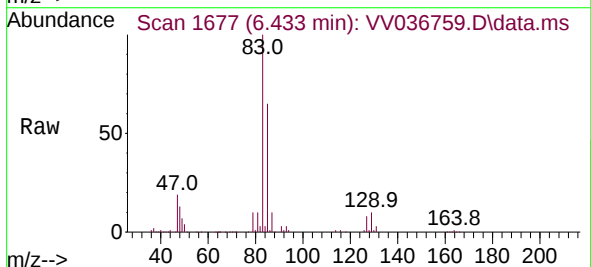
Instrument :
MSVOA_V
ClientSampleId :

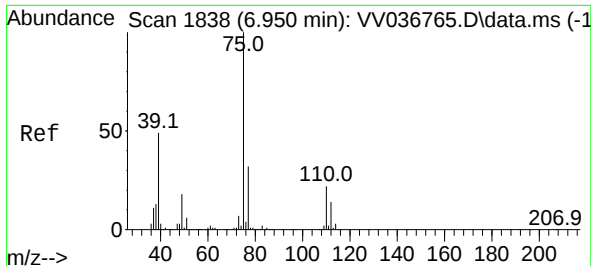
Tgt Ion: 63 Resp: 109230
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 46.709 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion: 83 Resp: 152086
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1
127 8.0 6.2 9.4

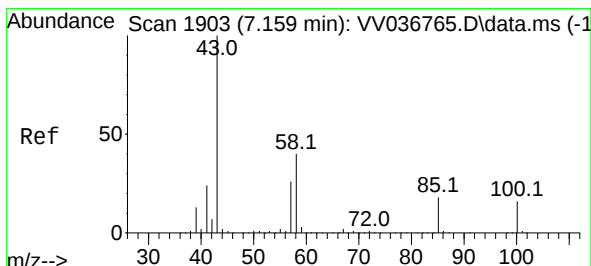
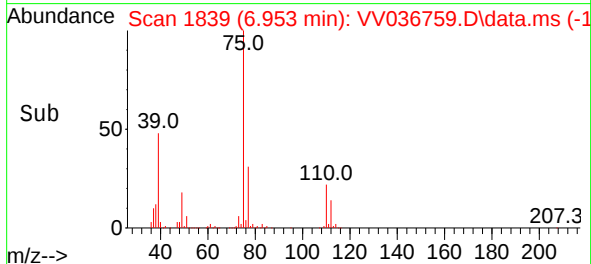
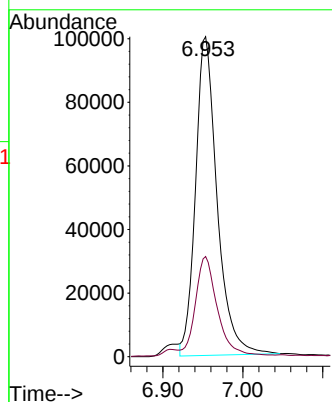
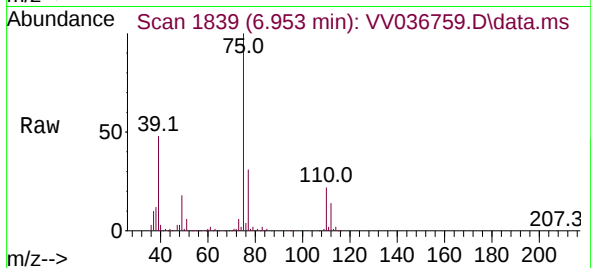




#39
cis-1,3-Dichloropropene
Concen: 46.183 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. 0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

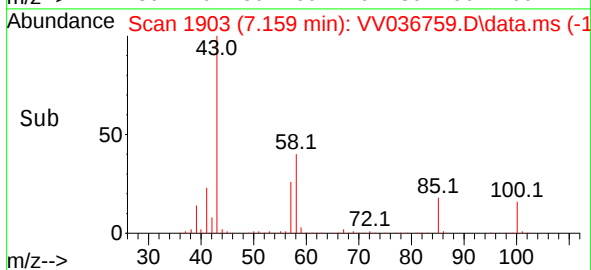
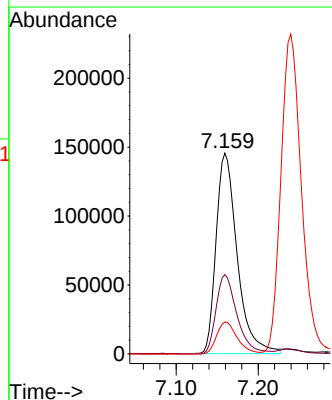
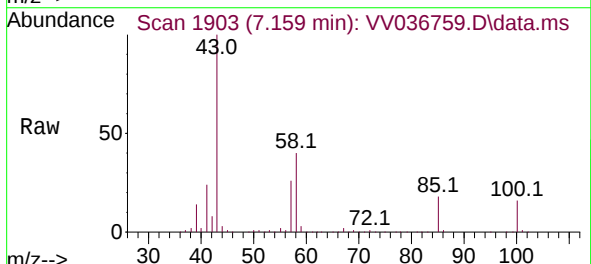
Instrument :
MSVOA_V
ClientSampleId :

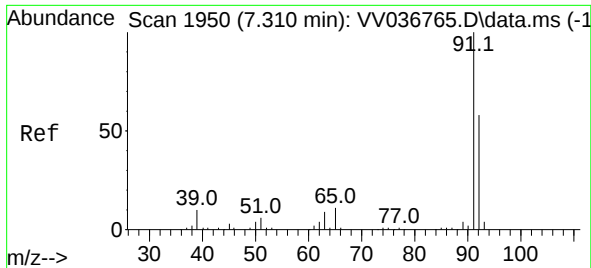
Tgt Ion: 75 Resp: 188434
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 91.856 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion: 43 Resp: 260708
Ion Ratio Lower Upper
43 100
58 39.2 31.3 46.9
100 15.5 12.6 18.8





#42

Toluene

Concen: 46.768 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

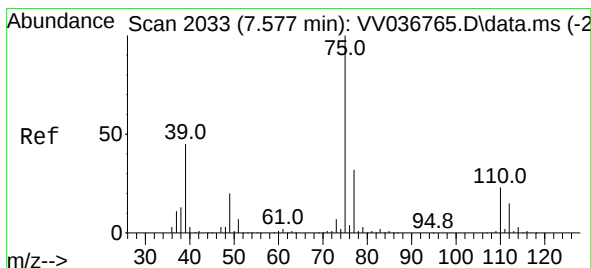
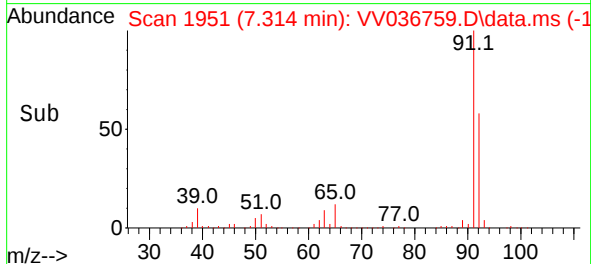
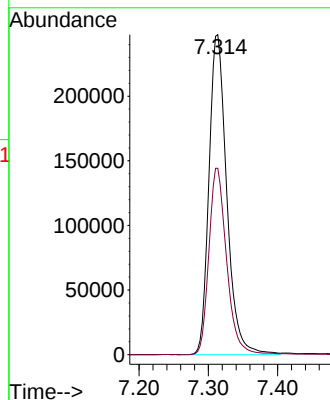
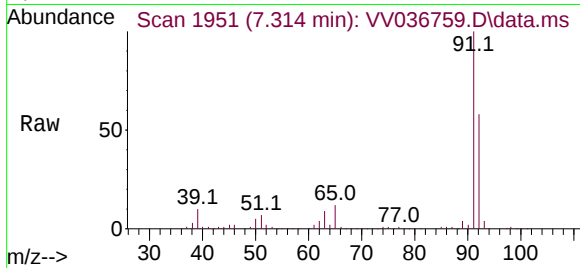
ClientSampleId :

Tgt Ion: 91 Resp: 441212

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 47.392 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV036759.D

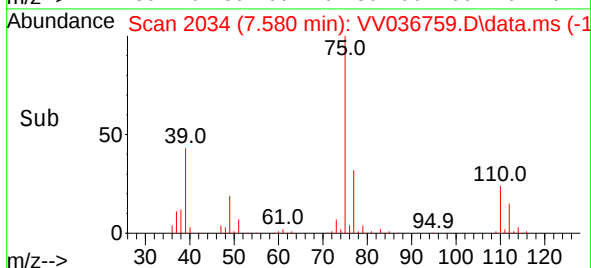
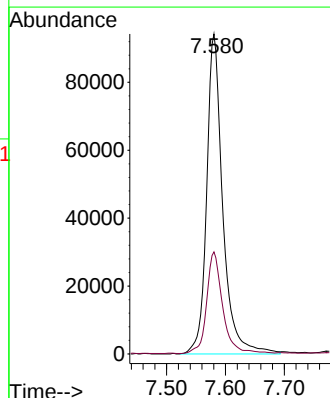
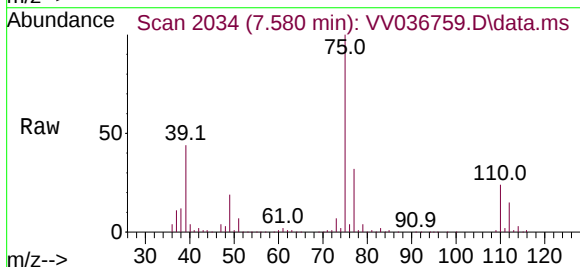
Acq: 02 Aug 2024 10:18

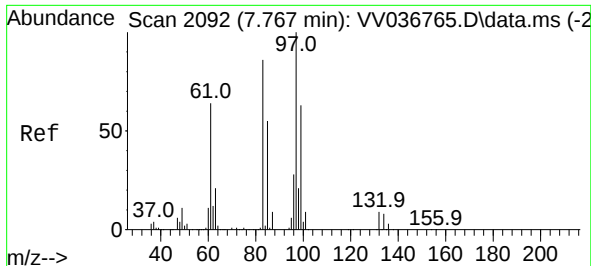
Tgt Ion: 75 Resp: 179240

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 45.435 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 102334

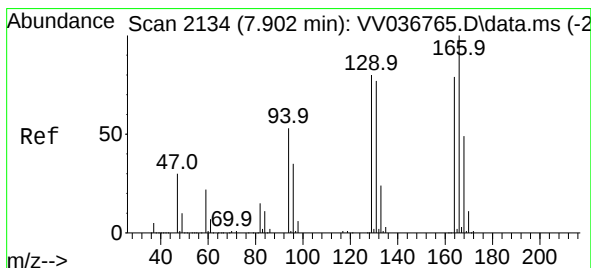
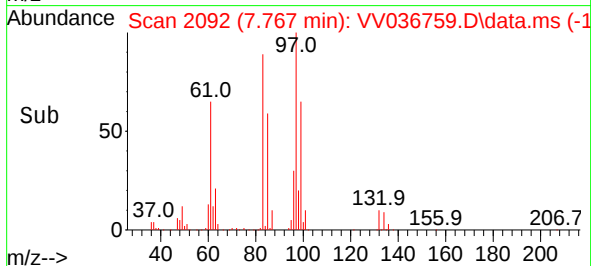
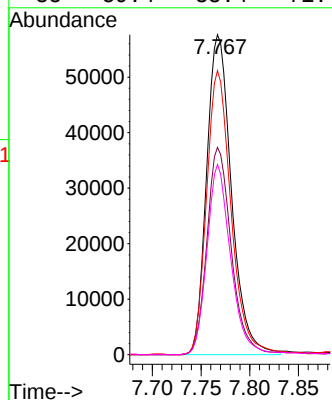
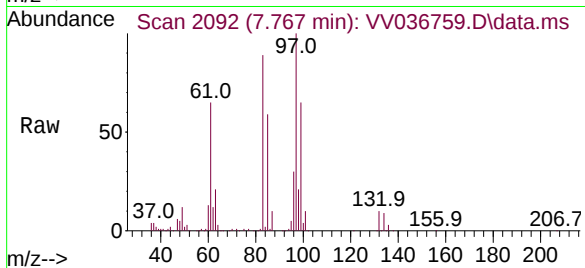
Ion Ratio Lower Upper

97 100

99 64.8 44.0 81.6

83 88.8 60.1 111.5

85 59.4 38.4 71.4



#46

Tetrachloroethene

Concen: 45.898 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Tgt Ion:164 Resp: 77102

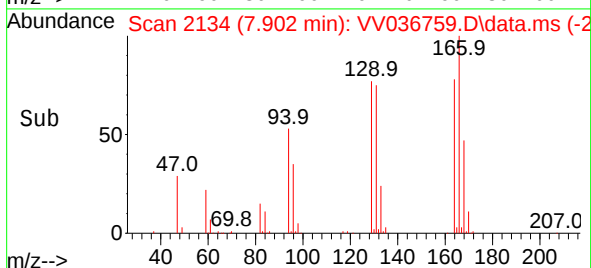
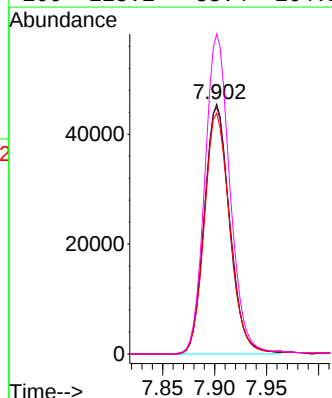
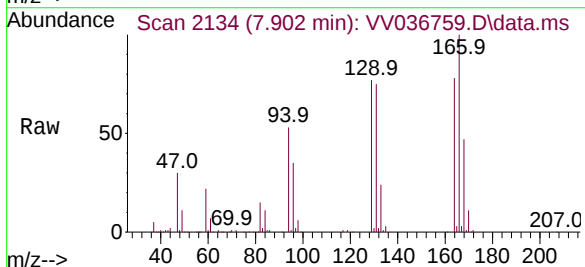
Ion Ratio Lower Upper

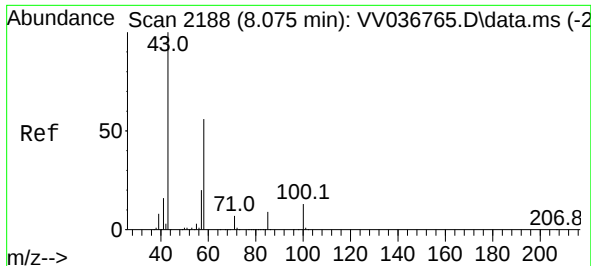
164 100

129 98.7 70.4 130.8

131 96.3 67.7 125.7

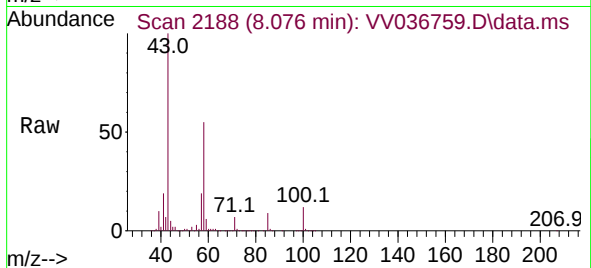
166 128.1 88.4 164.2



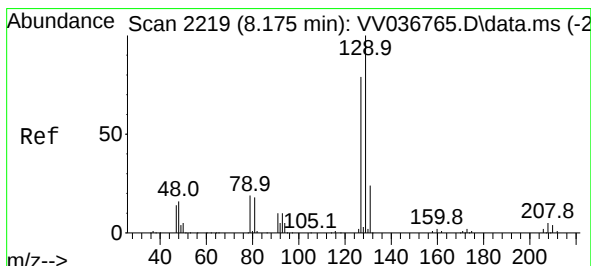
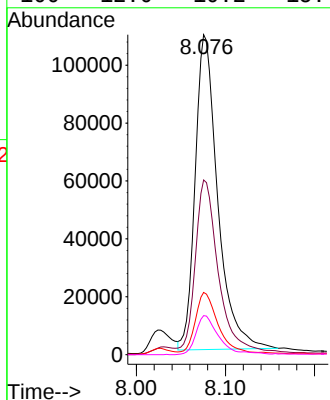
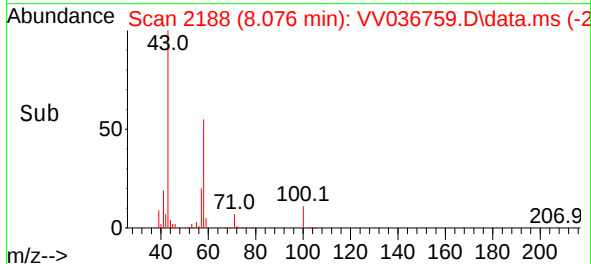


#48
2-Hexanone
Concen: 89.726 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Instrument :
MSVOA_V
ClientSampleId :

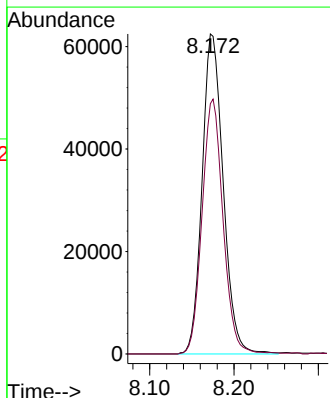
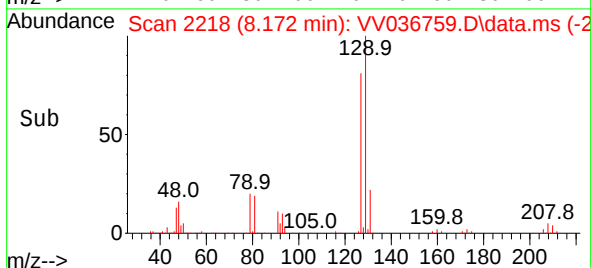
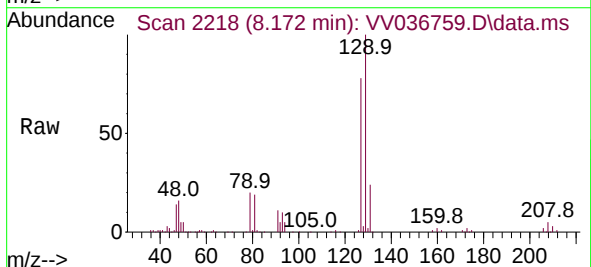


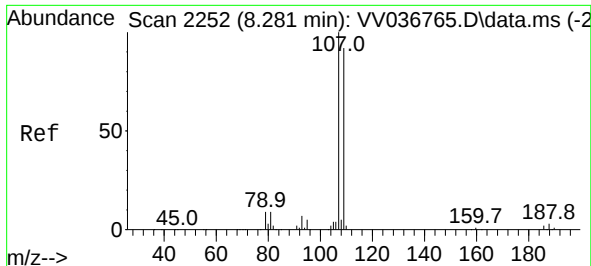
Tgt Ion: 43 Resp: 191805
Ion Ratio Lower Upper
43 100
58 54.5 44.7 67.1
57 18.7 15.0 22.4
100 12.0 10.2 15.4



#49
Dibromochloromethane
Concen: 46.116 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

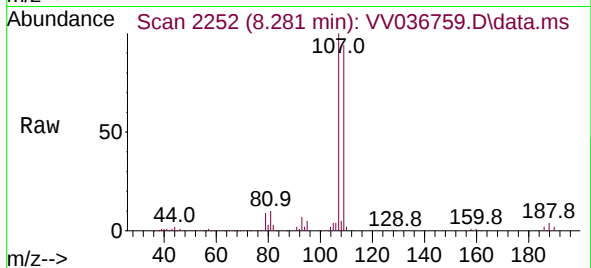
Tgt Ion: 129 Resp: 108939
Ion Ratio Lower Upper
129 100
127 78.2 55.4 102.8



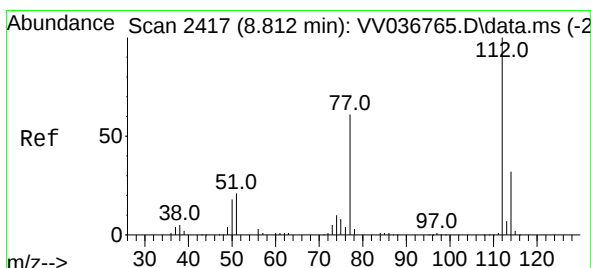
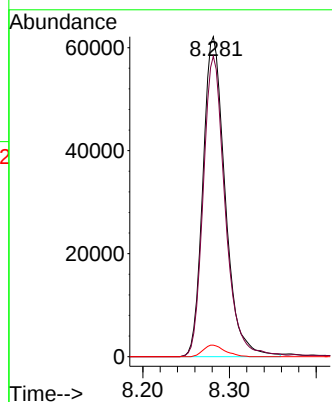
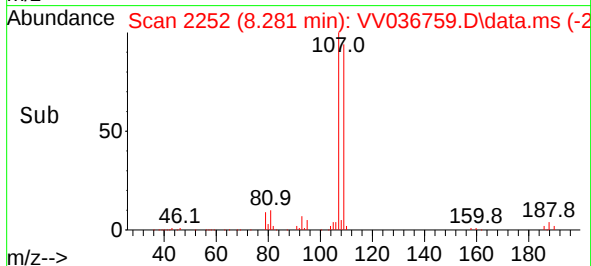


#50
1,2-Dibromoethane
Concen: 46.404 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Instrument :
MSVOA_V
ClientSampleId :

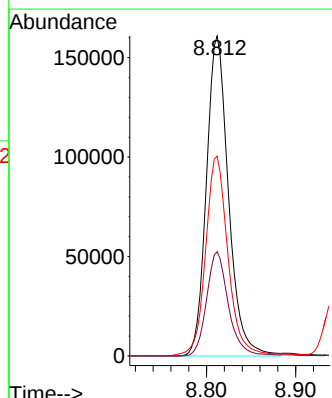
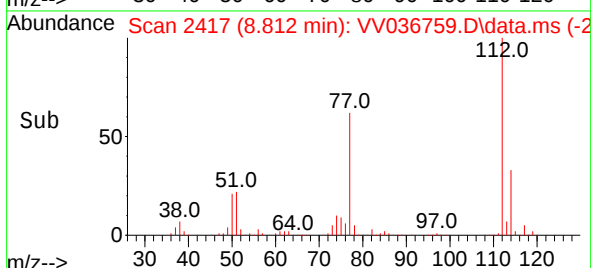
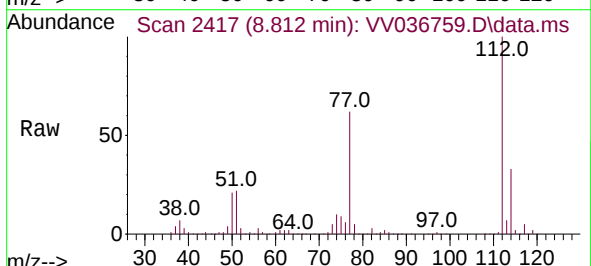


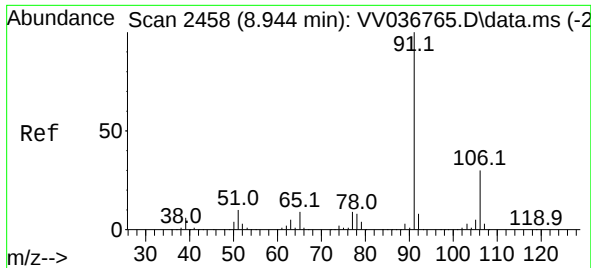
Tgt Ion:107 Resp: 110497
Ion Ratio Lower Upper
107 100
109 93.9 64.7 120.1
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 45.288 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion:112 Resp: 276665
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 62.4 48.9 73.3

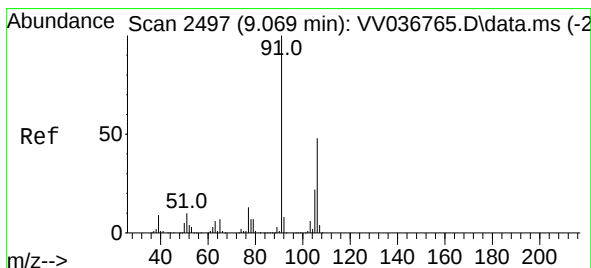
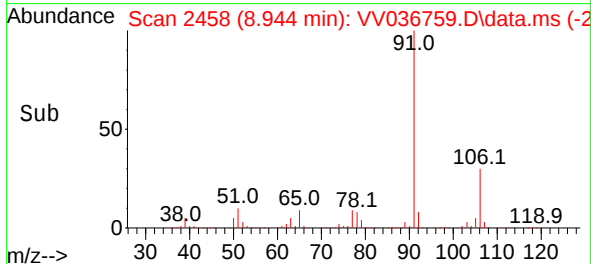
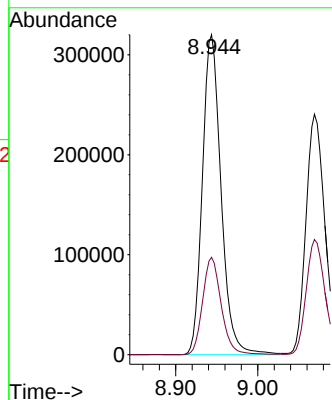
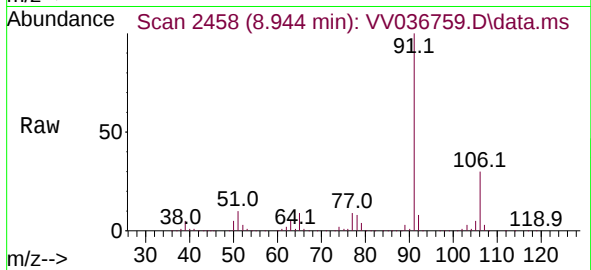




#52
Ethylbenzene
Concen: 46.446 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

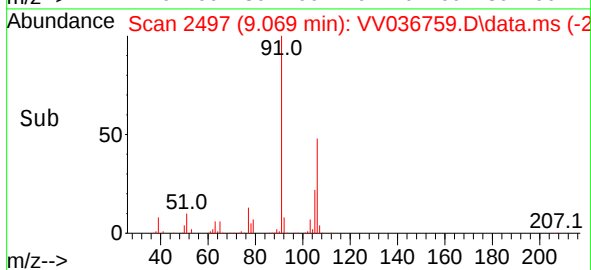
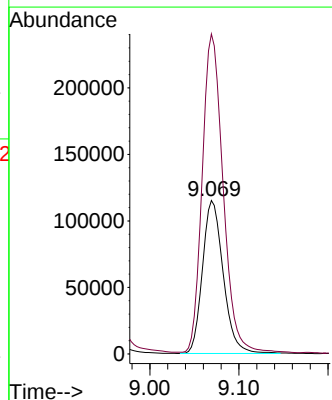
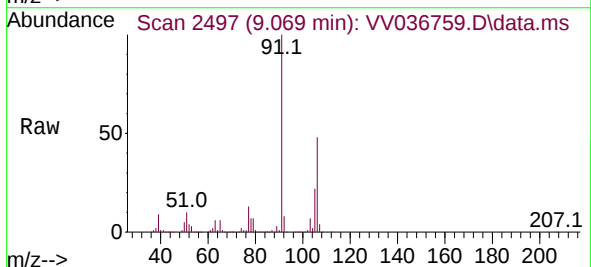
Instrument :
MSVOA_V
ClientSampleId :

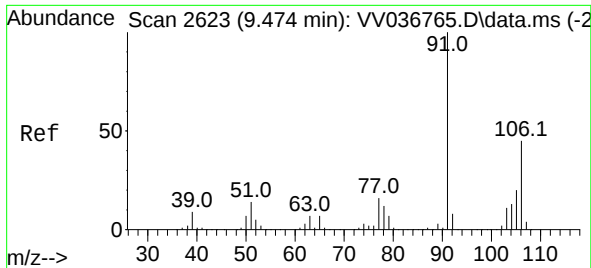
Tgt Ion: 91 Resp: 505247
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 46.622 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion:106 Resp: 185870
Ion Ratio Lower Upper
106 100
91 208.5 147.1 273.3

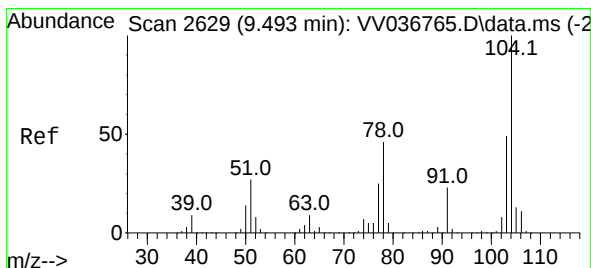
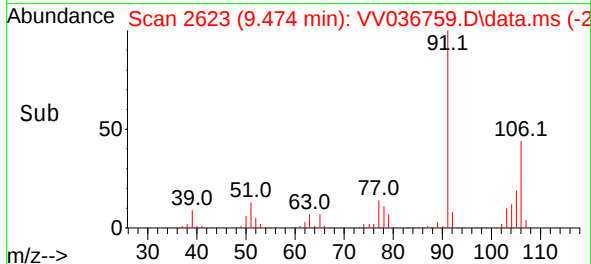
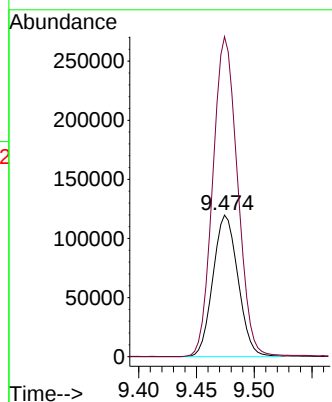
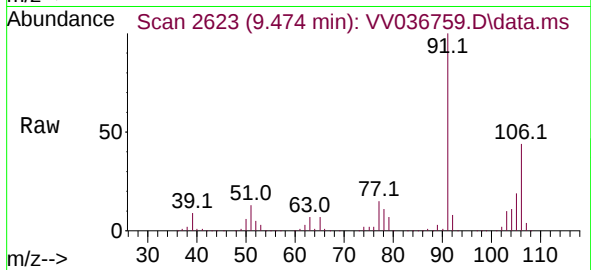




#54
o-Xylene
Concen: 45.657 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

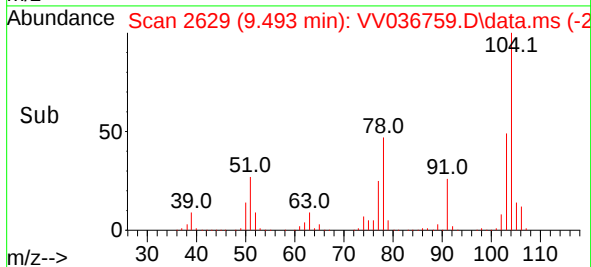
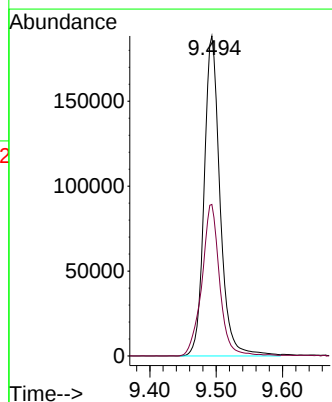
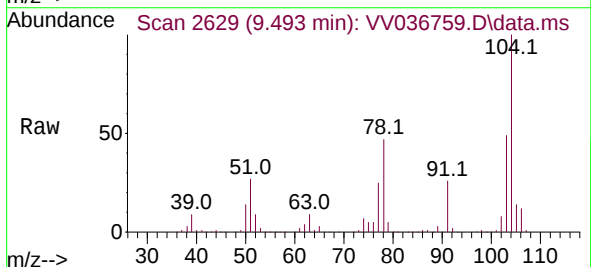
Instrument :
MSVOA_V
ClientSampleId :

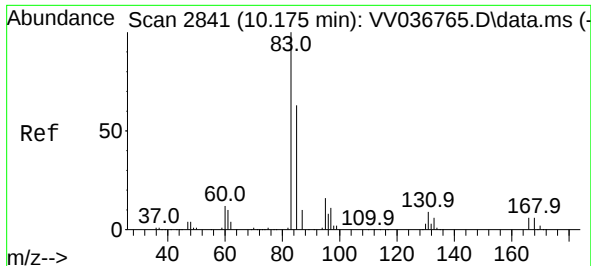
Tgt Ion:106 Resp: 181140
Ion Ratio Lower Upper
106 100
91 225.9 154.5 286.9



#55
Styrene
Concen: 46.358 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion:104 Resp: 314751
Ion Ratio Lower Upper
104 100
78 47.4 32.1 59.7

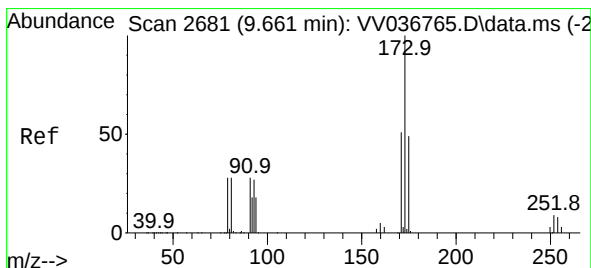
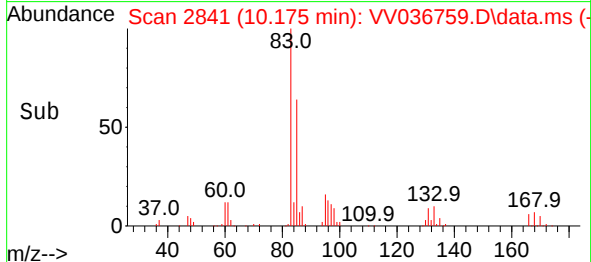
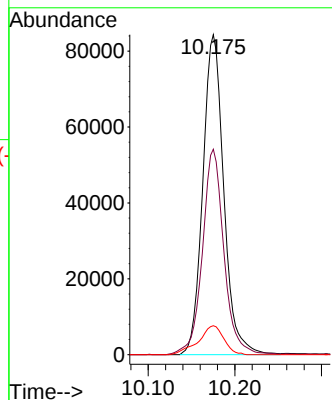
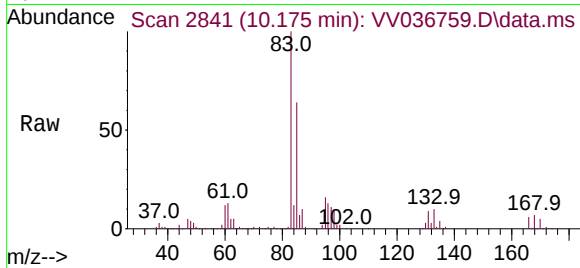




#57
1,1,2,2-Tetrachloroethane
Concen: 46.876 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

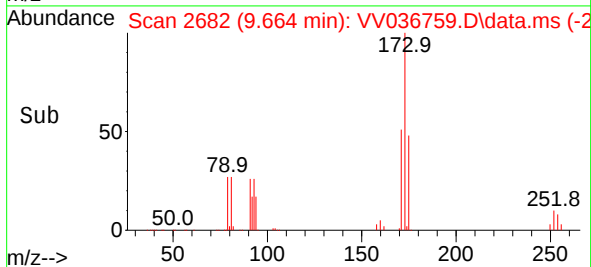
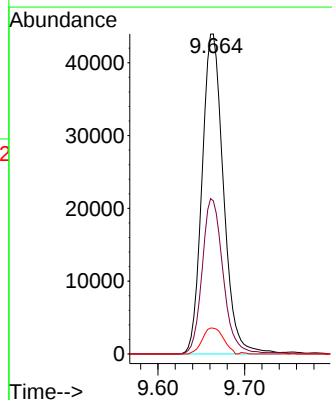
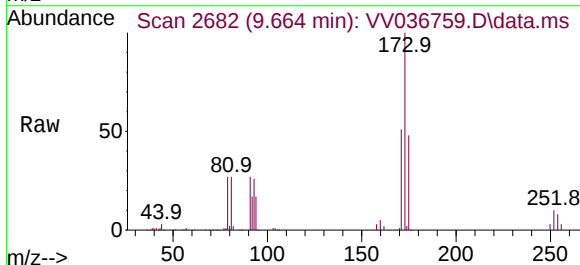
Instrument :
MSVOA_V
ClientSampleId :

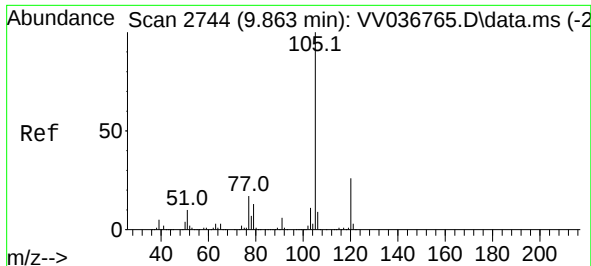
Tgt Ion: 83 Resp: 141897
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
131 9.0 7.2 10.8



#59
Bromoform
Concen: 46.021 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

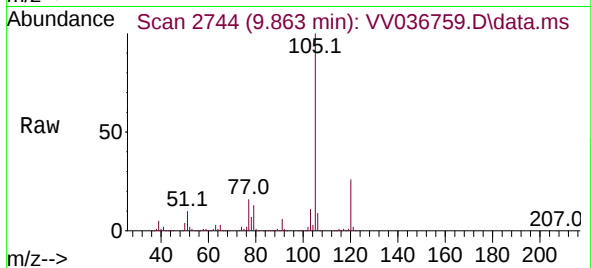
Tgt Ion:173 Resp: 75512
Ion Ratio Lower Upper
173 100
175 47.4 39.8 59.8
254 8.0 6.8 10.2



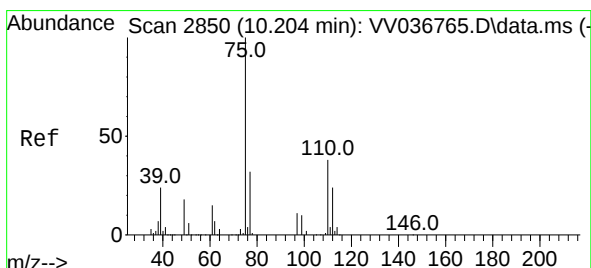
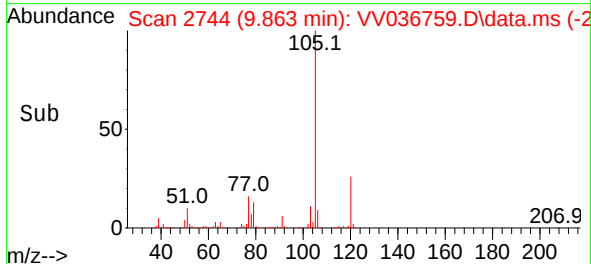
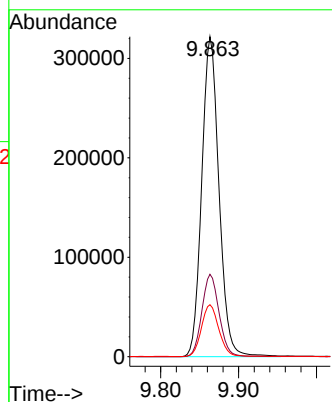


#60
Isopropylbenzene
Concen: 45.915 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Instrument :
MSVOA_V
ClientSampleId :

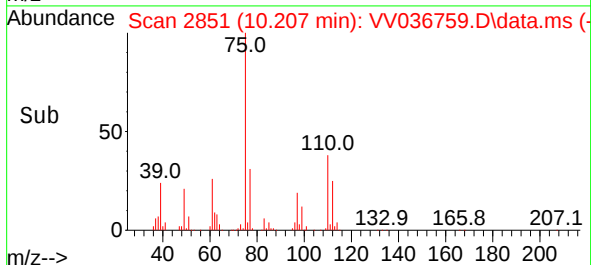
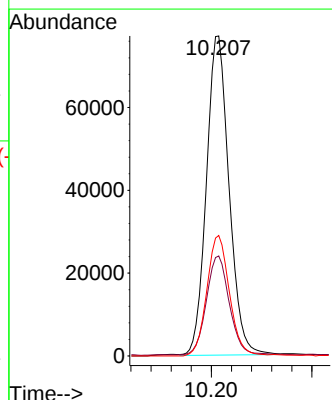
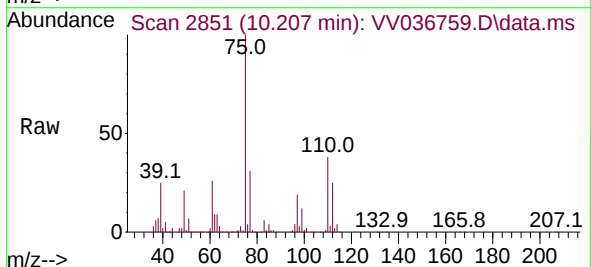


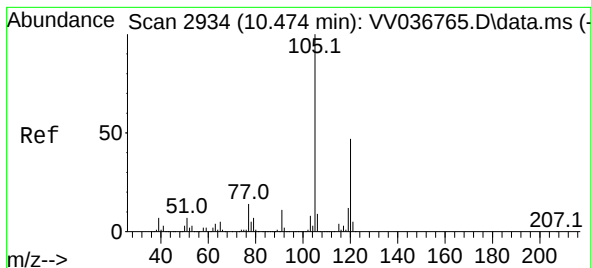
Tgt Ion:105 Resp: 494094
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 46.171 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion: 75 Resp: 120756
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
110 37.6 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 45.829 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. -0.003 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

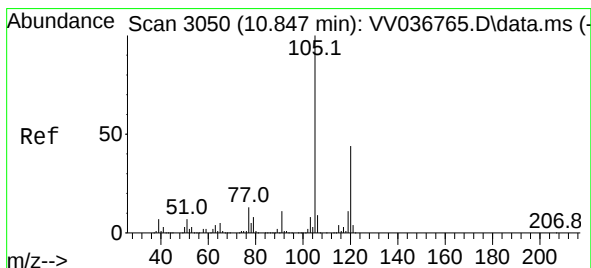
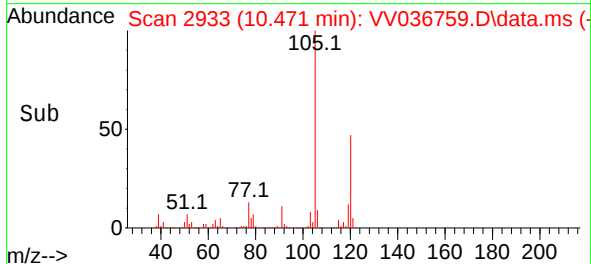
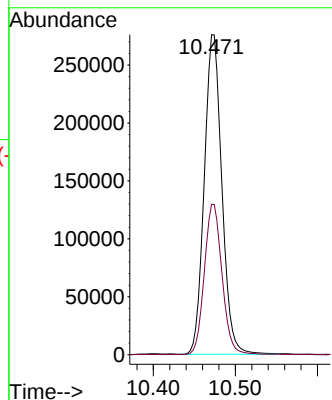
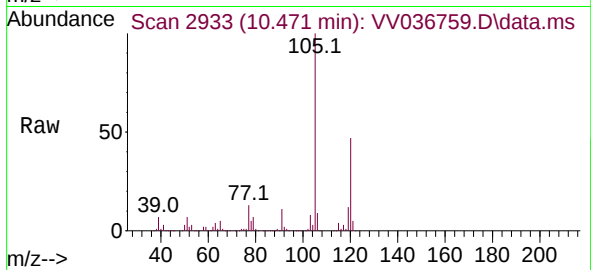
ClientSampleId :

Tgt Ion:105 Resp: 413137

Ion Ratio Lower Upper

105 100

120 47.1 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 46.069 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036759.D

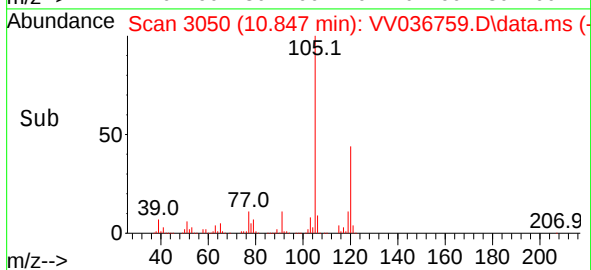
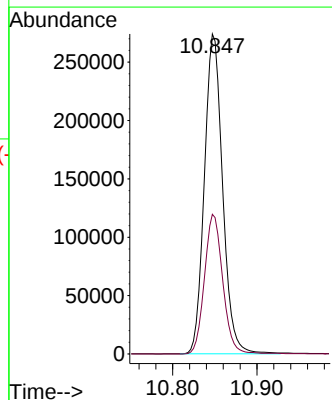
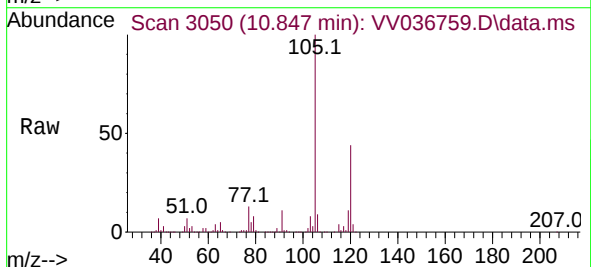
Acq: 02 Aug 2024 10:18

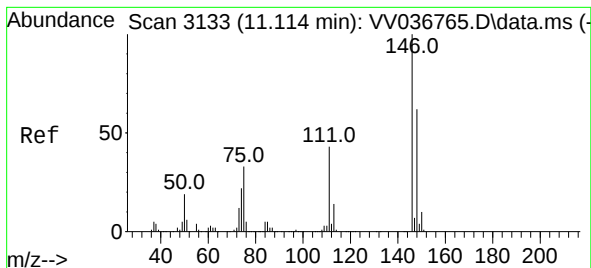
Tgt Ion:105 Resp: 412854

Ion Ratio Lower Upper

105 100

120 43.7 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 45.241 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :

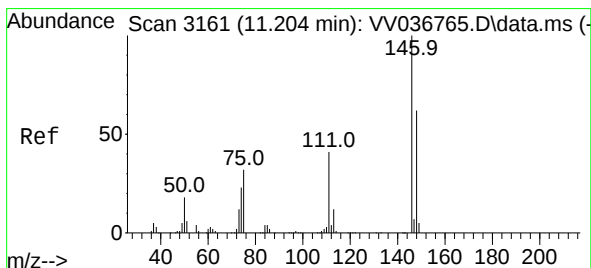
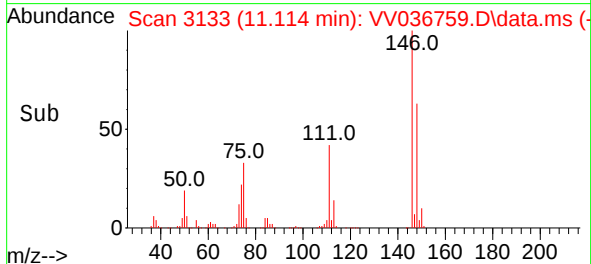
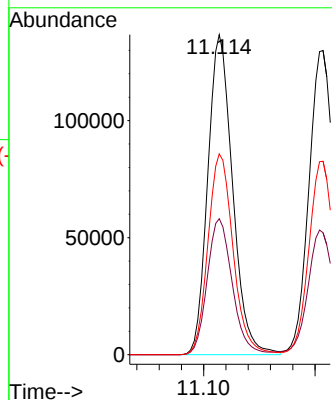
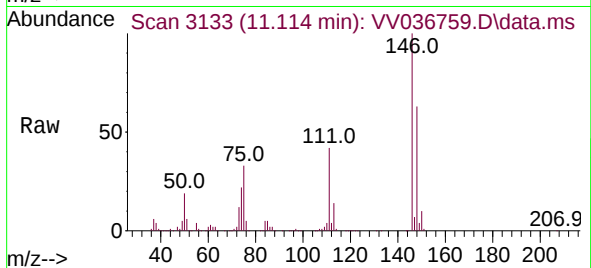
Tgt Ion:146 Resp: 211547

Ion Ratio Lower Upper

146 100

111 42.5 29.8 55.4

148 62.8 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 45.616 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

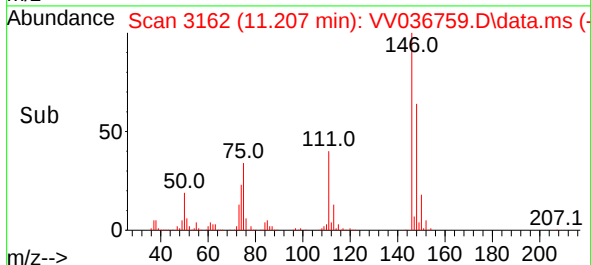
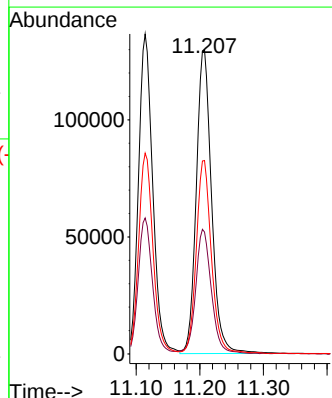
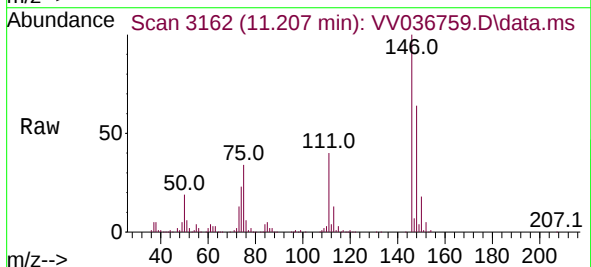
Tgt Ion:146 Resp: 217420

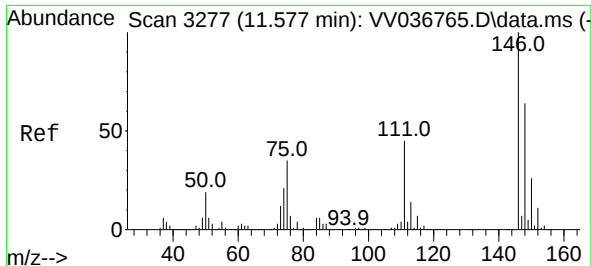
Ion Ratio Lower Upper

146 100

111 40.1 29.0 53.9

148 63.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 45.752 ug/L

RT: 11.574 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :

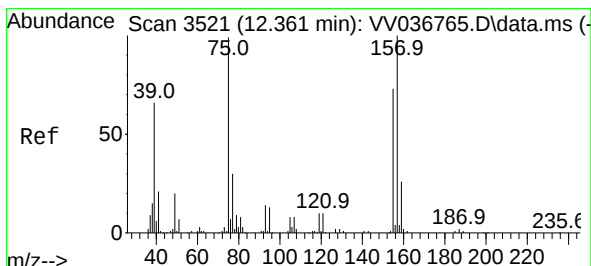
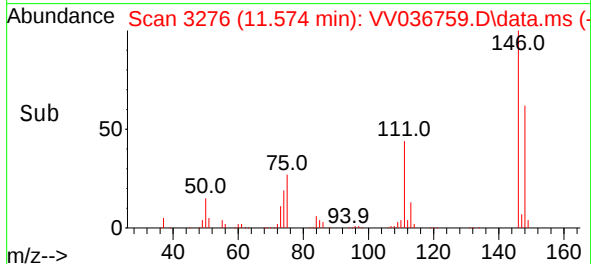
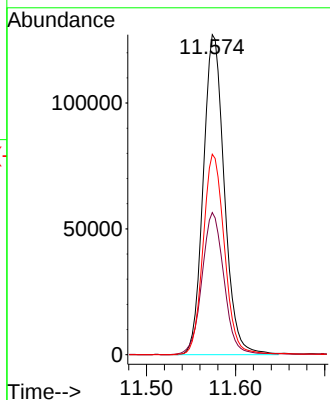
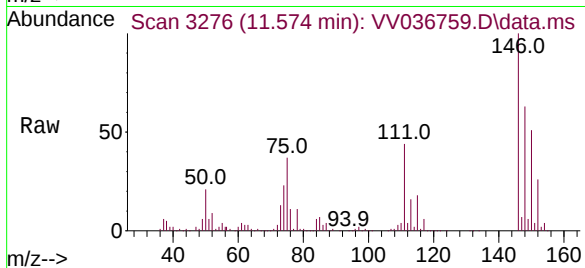
Tgt Ion:146 Resp: 208774

Ion Ratio Lower Upper

146 100

111 44.4 35.7 53.5

148 62.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 45.942 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

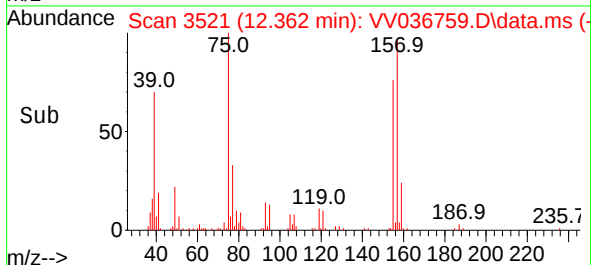
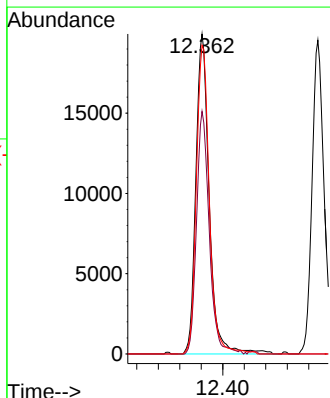
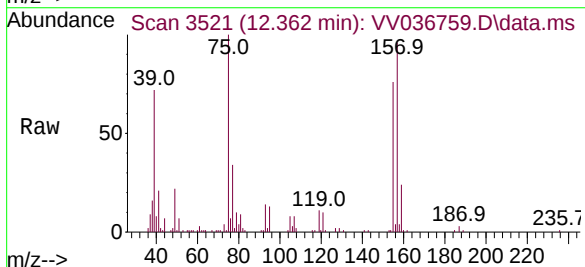
Tgt Ion: 75 Resp: 34381

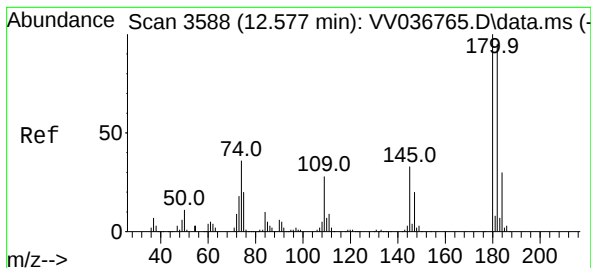
Ion Ratio Lower Upper

75 100

155 75.8 59.5 89.3

157 96.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 45.334 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

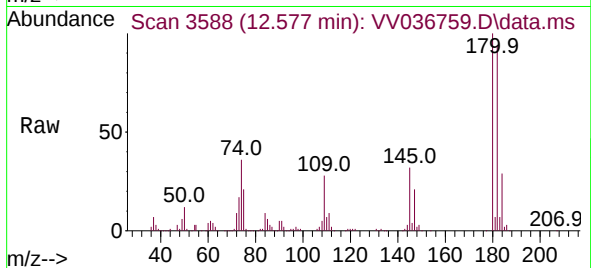
Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 148040

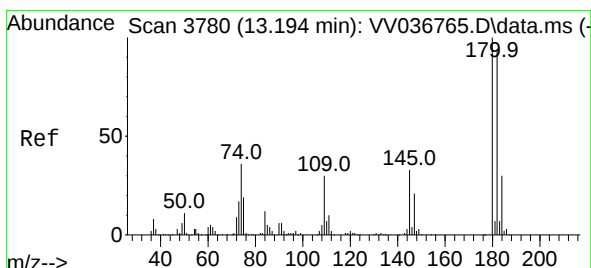
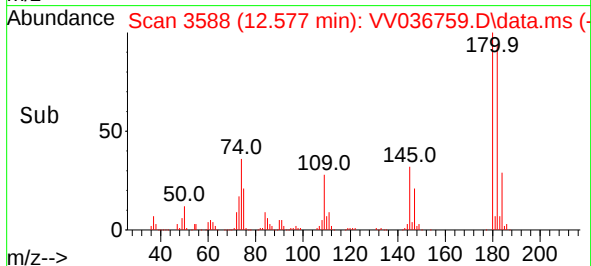
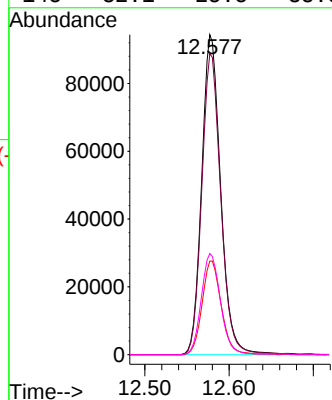
Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

184 29.5 23.7 35.5

145 32.1 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 45.158 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036759.D

Acq: 02 Aug 2024 10:18

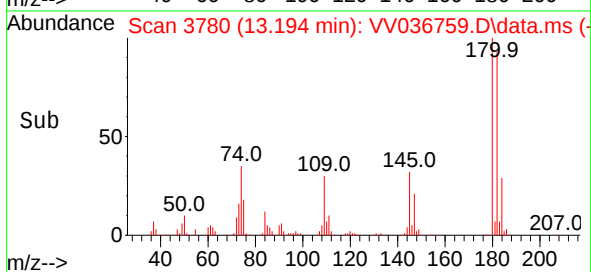
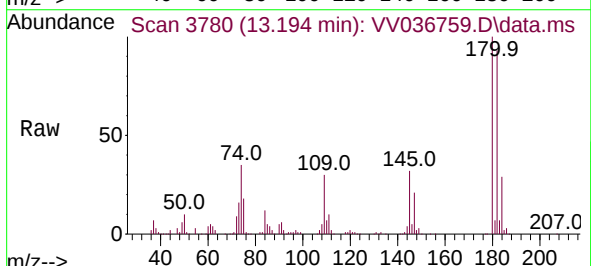
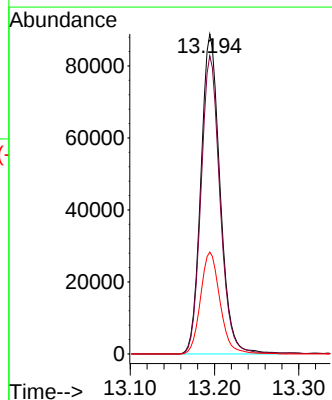
Tgt Ion:180 Resp: 140839

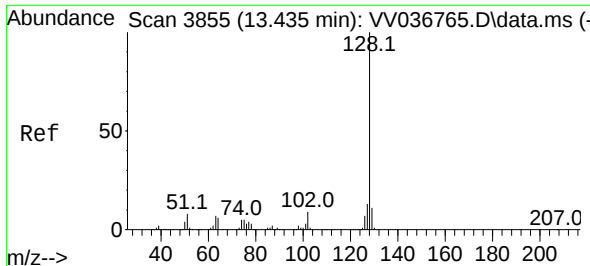
Ion Ratio Lower Upper

180 100

182 92.3 75.1 112.7

145 32.4 26.5 39.7

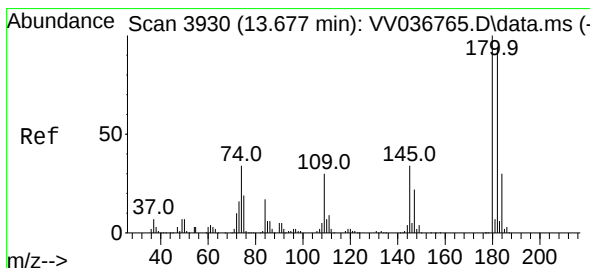
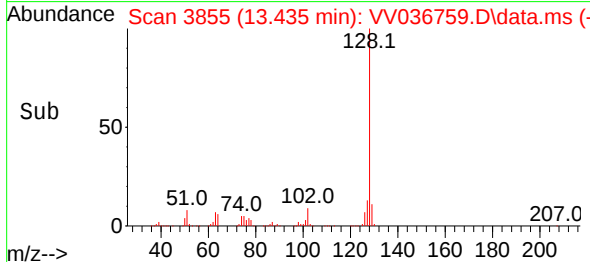
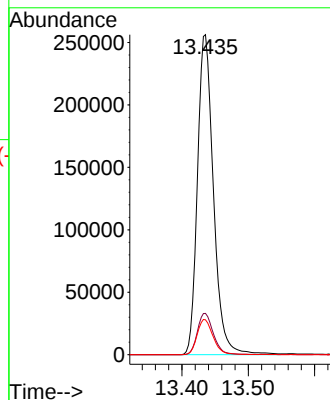
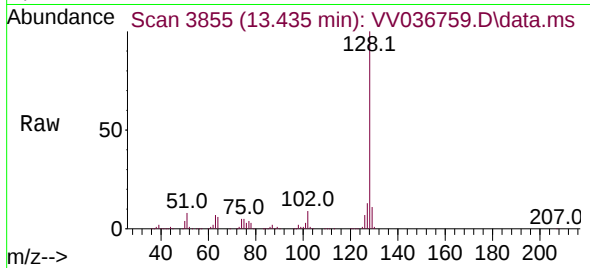




#71
Naphthalene
Concen: 44.005 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 429533
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 44.876 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036759.D
Acq: 02 Aug 2024 10:18

Tgt Ion:180 Resp: 136064
Ion Ratio Lower Upper
180 100
182 94.2 76.2 114.2
145 34.7 27.8 41.6

