

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036766.D
 Acq On : 02 Aug 2024 17:00
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 02 23:23:46 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	5.529	114	917075	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	856997	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	431397	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	392093	57.445	ug/L	0.00
7) Chloroethane-d5	1.529	69	307775	57.045	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	168573	55.846	ug/L	0.00
21) 2-Butanone-d5	3.796	46	394863	126.127	ug/L	0.00
24) Chloroform-d	4.246	84	697775	55.243	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	453307	55.643	ug/L	0.00
32) Benzene-d6	4.953	84	1388814	56.065	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	447886	56.193	ug/L	0.00
41) Toluene-d8	7.240	98	1290783	57.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	240601	58.399	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	281809	130.128	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	537887	59.945	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	470597	57.595	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	401764	60.198	ug/L	100
3) Chloromethane	1.220	50	402073	54.871	ug/L	100
5) Vinyl chloride	1.282	62	410977	53.901	ug/L	99
6) Bromomethane	1.481	94	256572	51.999	ug/L	100
8) Chloroethane	1.545	64	249609	51.989	ug/L	98
9) Trichlorofluoromethane	1.709	101	520820	52.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	304143	51.188	ug/L	99
12) 1,1-Dichloroethene	2.066	96	293354	51.629	ug/L	89
13) Acetone	2.114	43	289667	91.995	ug/L	99
14) Carbon disulfide	2.237	76	925962	51.700	ug/L	99
15) Methyl Acetate	2.372	43	342122	53.291	ug/L	99
16) Methylene chloride	2.442	84	323234	50.286	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	306675	51.887	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	1057196	51.045	ug/L	100
19) 1,1-Dichloroethane	3.105	63	610164	51.149	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	357314	51.073	ug/L	98
22) 2-Butanone	3.876	43	436411	110.291	ug/L	99
23) Bromochloromethane	4.140	128	170934	50.597	ug/L	98
25) Chloroform	4.272	83	623428	50.284	ug/L	100
27) 1,2-Dichloroethane	5.037	62	502644	52.317	ug/L	100
29) Cyclohexane	4.571	56	569591	53.042	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	549685	51.724	ug/L	100
31) Carbon tetrachloride	4.725	117	470924	52.712	ug/L	100
33) Benzene	5.005	78	1336964	52.912	ug/L	100
34) Trichloroethene	5.828	95	377087	51.475	ug/L	99
35) Methylcyclohexane	6.043	83	585096	52.691	ug/L	99
37) 1,2-Dichloropropane	6.088	63	353991	53.207	ug/L	100
38) Bromodichloromethane	6.429	83	481994	52.226	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	605122	52.324	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	899468	111.808	ug/L	99
42) Toluene	7.310	91	1412019	52.805	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	570708	53.237	ug/L	99

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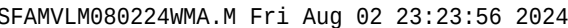
Instrument :
 MSVOA_V
 ClientSampleId :

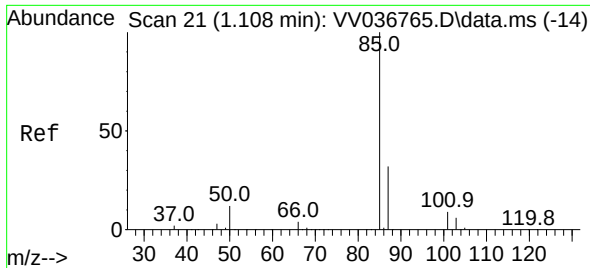
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	331708	51.959	ug/L	98
46) Tetrachloroethene	7.902	164	251064	52.728	ug/L	99
48) 2-Hexanone	8.072	43	677257	111.776	ug/L	100
49) Dibromochloromethane	8.172	129	354707	52.975	ug/L	99
50) 1,2-Dibromoethane	8.278	107	354827	52.573	ug/L	96
51) Chlorobenzene	8.809	112	899515	51.948	ug/L	99
52) Ethylbenzene	8.944	91	1629186	52.839	ug/L	100
53) m,p-Xylene	9.069	106	601632	53.241	ug/L	99
54) o-Xylene	9.474	106	594635	52.878	ug/L	99
55) Styrene	9.490	104	1033483	53.703	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	477937	55.704	ug/L	99
59) Bromoform	9.661	173	252316	53.988	ug/L	97
60) Isopropylbenzene	9.863	105	1614944	52.689	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	405362	54.415	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	1366922	53.236	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1363980	53.436	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	696672	52.308	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	707184	52.091	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	676021	52.012	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	119594	56.106	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	491387	52.830	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	469617	52.865	ug/L	99
71) Naphthalene	13.432	128	1521449	54.724	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	462666	53.574	ug/L	99

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

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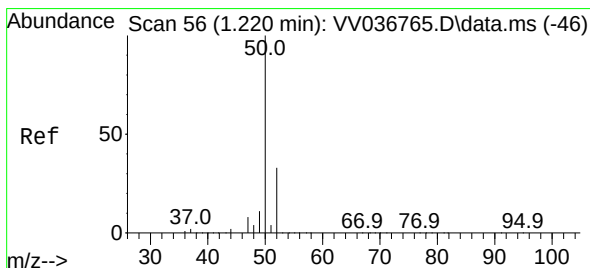
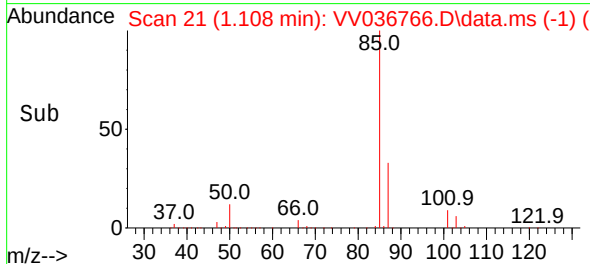
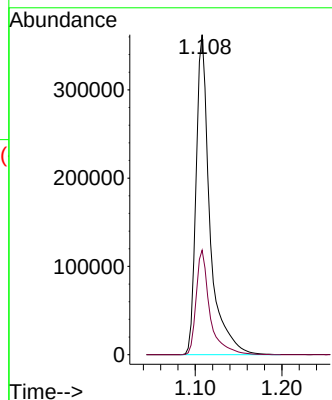
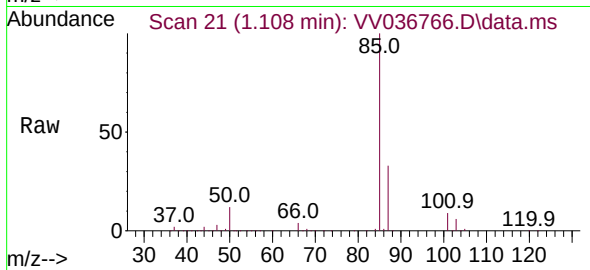




#2
 Dichlorodifluoromethane
 Concen: 60.198 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036766.D
 Acq: 02 Aug 2024 17:00

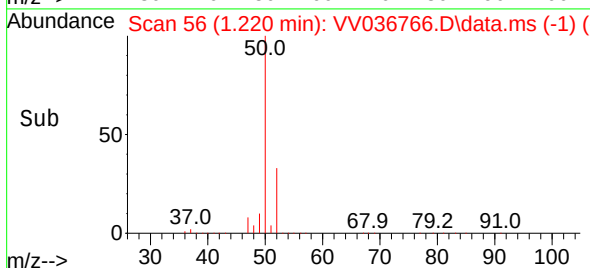
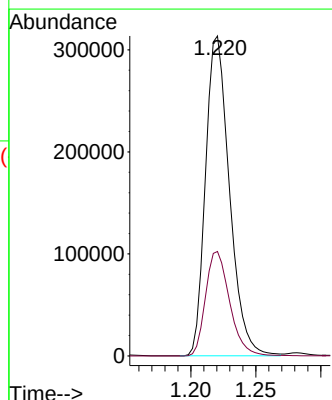
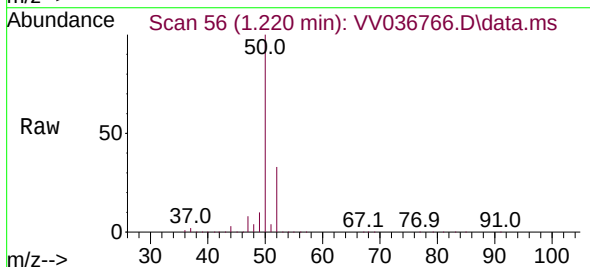
Instrument :
 MSVOA_V
 ClientSampleId :

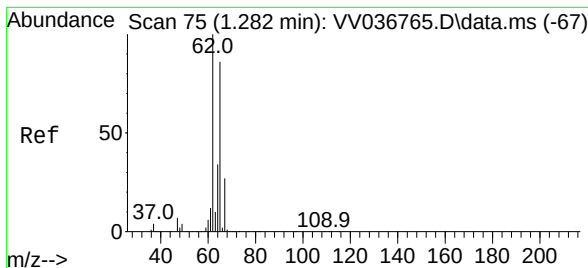
Tgt Ion: 85 Resp: 401764
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 54.871 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VV036766.D
 Acq: 02 Aug 2024 17:00

Tgt Ion: 50 Resp: 402073
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8





#5

Vinyl chloride

Concen: 53.901 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

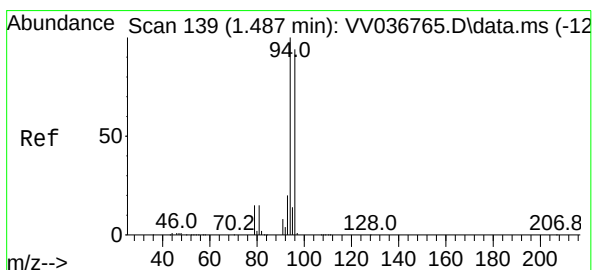
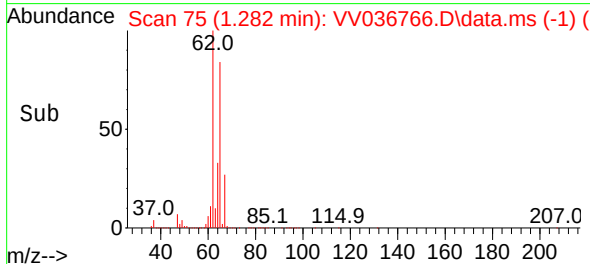
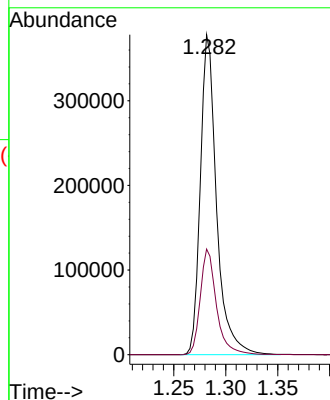
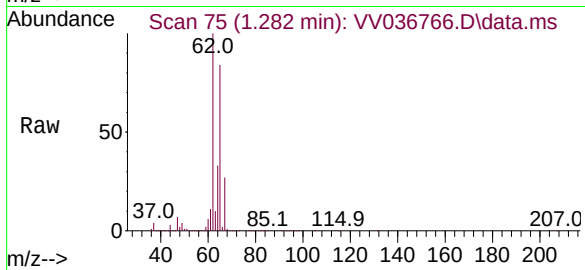
ClientSampleId :

Tgt Ion: 62 Resp: 410977

Ion Ratio Lower Upper

62 100

64 33.0 23.6 43.8



#6

Bromomethane

Concen: 51.999 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.006 min

Lab File: VV036766.D

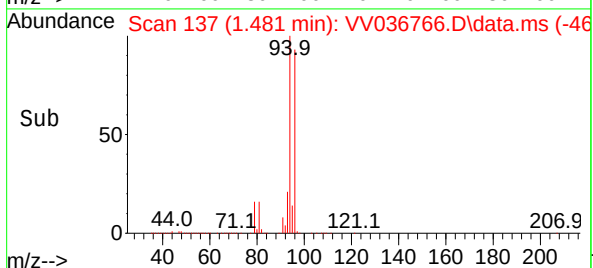
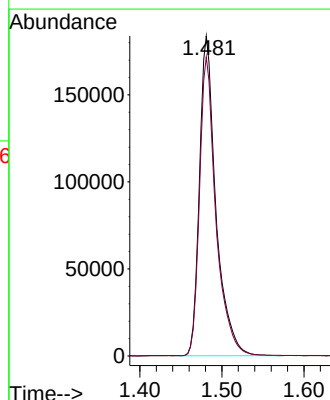
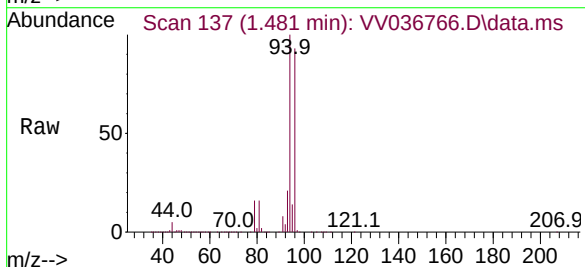
Acq: 02 Aug 2024 17:00

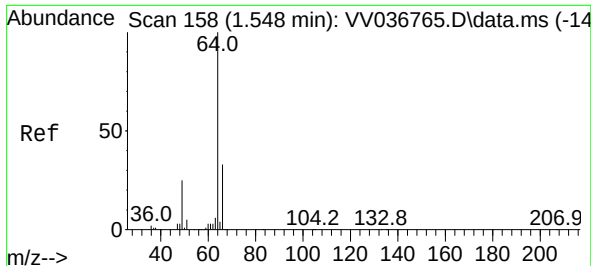
Tgt Ion: 94 Resp: 256572

Ion Ratio Lower Upper

94 100

96 93.5 65.5 121.7

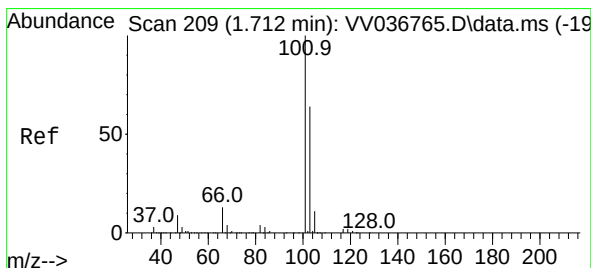
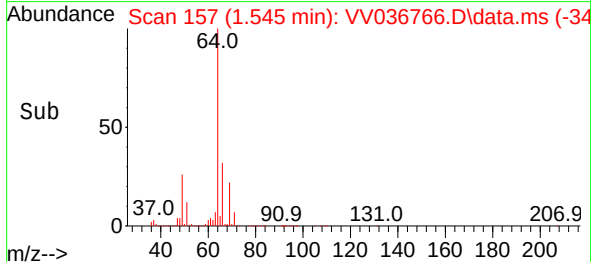
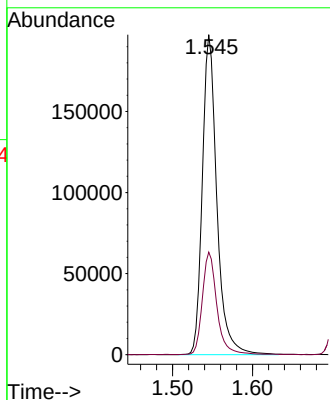
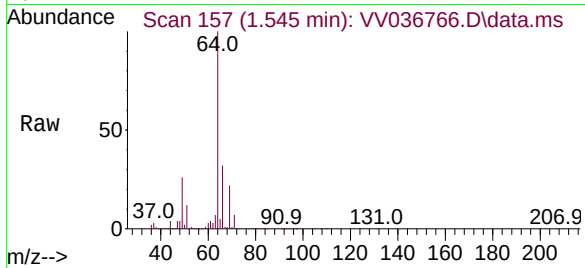




#8
Chloroethane
Concen: 51.989 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

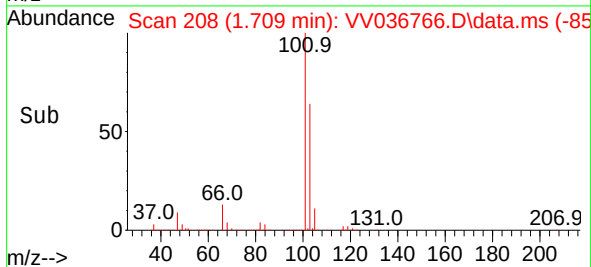
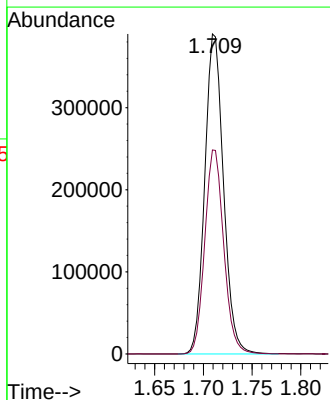
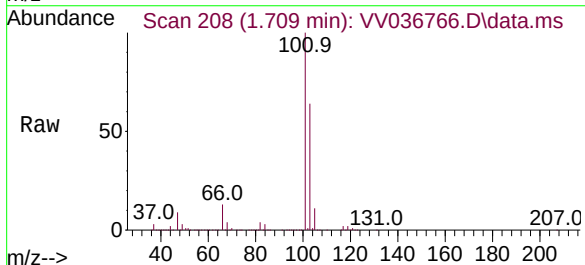
Instrument :
MSVOA_V
ClientSampleId :

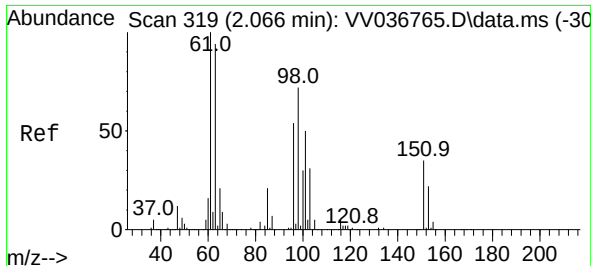
Tgt Ion: 64 Resp: 249609
Ion Ratio Lower Upper
64 100
66 32.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 52.130 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion:101 Resp: 520820
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

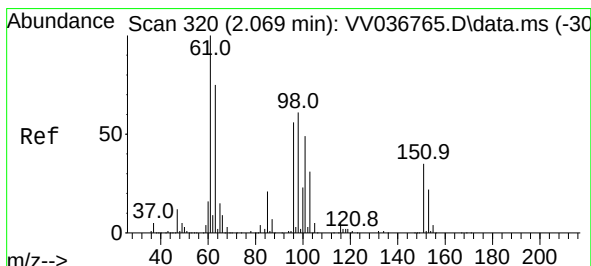
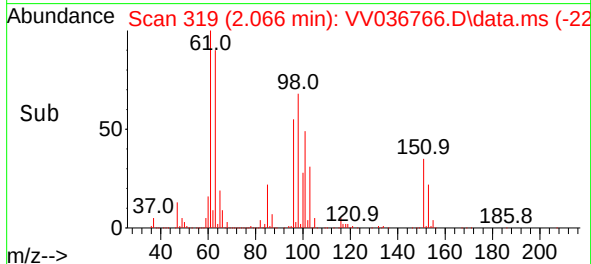
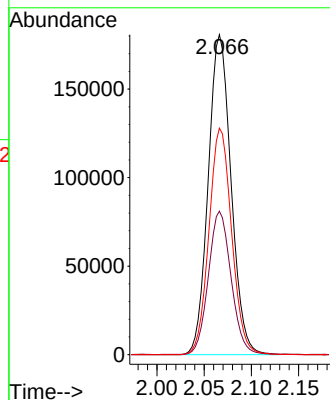
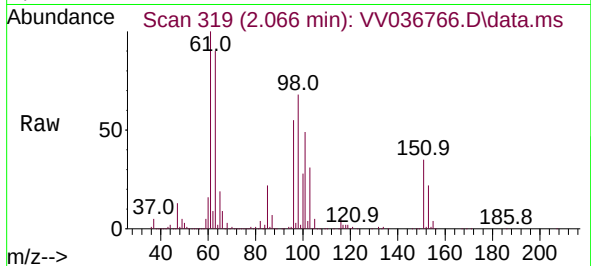




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.188 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

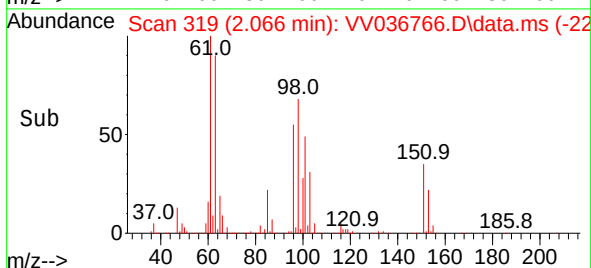
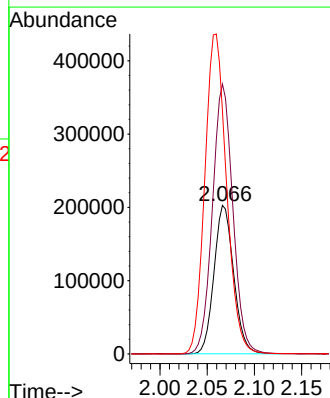
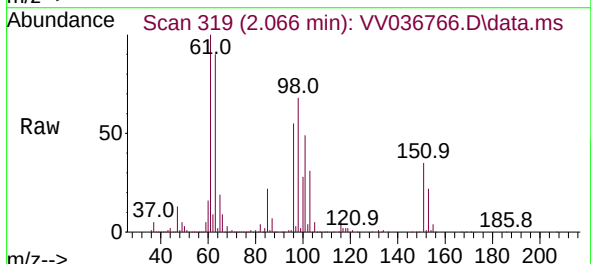
Instrument :
MSVOA_V
ClientSampleId :

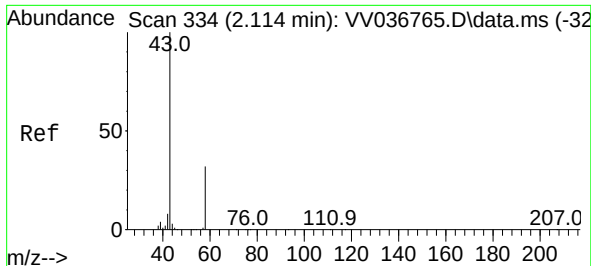
Tgt Ion:101 Resp: 304143
Ion Ratio Lower Upper
101 100
85 44.4 34.6 51.8
151 70.3 55.9 83.9



#12
1,1-Dichloroethene
Concen: 51.629 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion: 96 Resp: 293354
Ion Ratio Lower Upper
96 100
61 181.6 125.6 233.2
63 163.8 95.1 176.7





#13

Acetone

Concen: 91.995 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

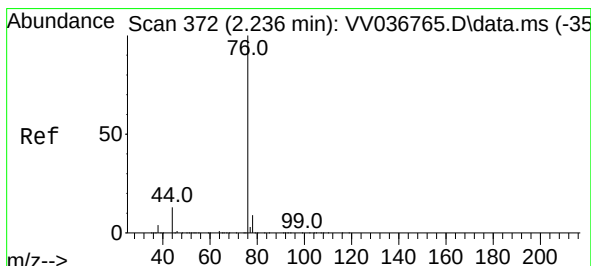
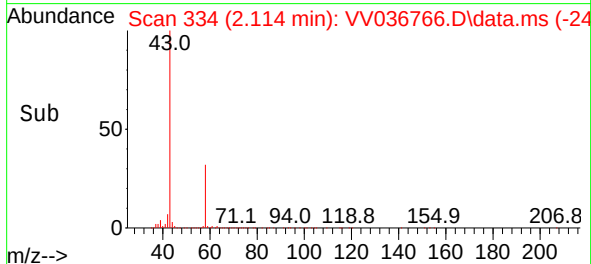
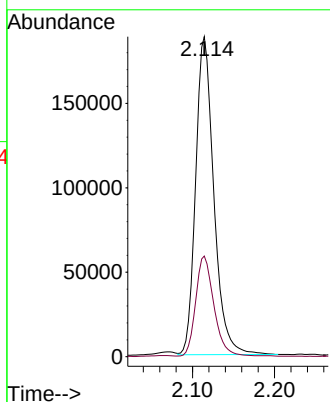
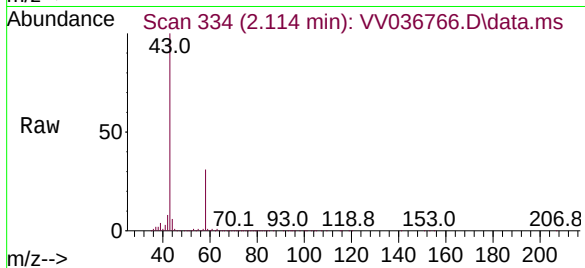
ClientSampleId :

Tgt Ion: 43 Resp: 289667

Ion Ratio Lower Upper

43 100

58 31.3 0.0 63.4



#14

Carbon disulfide

Concen: 51.700 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036766.D

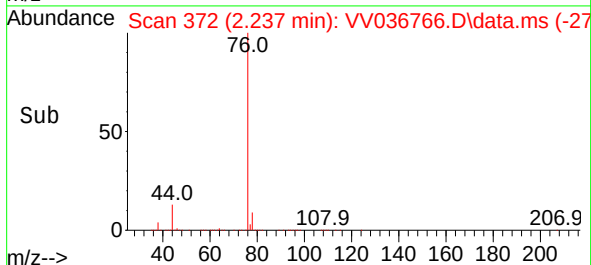
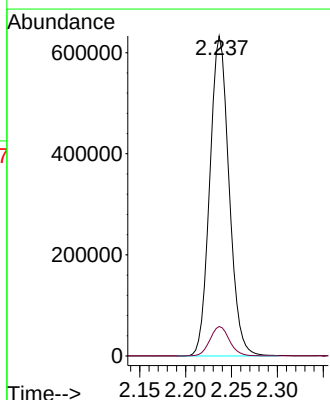
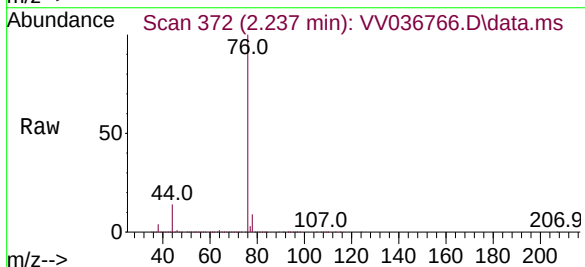
Acq: 02 Aug 2024 17:00

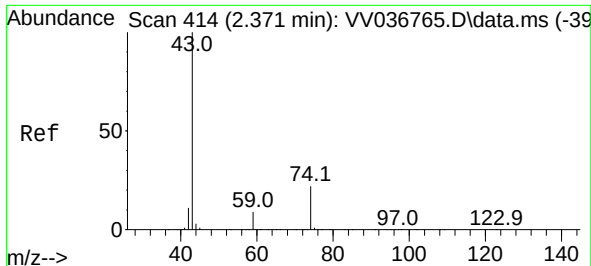
Tgt Ion: 76 Resp: 925962

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 53.291 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

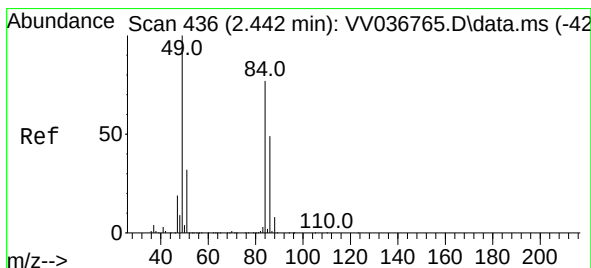
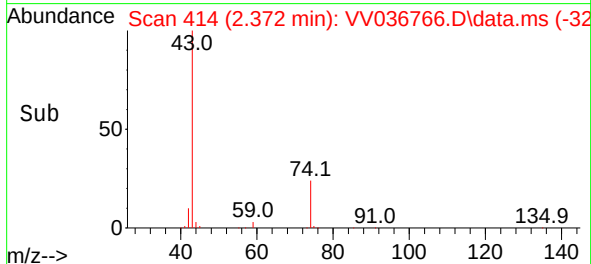
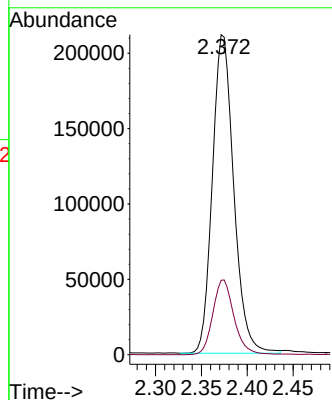
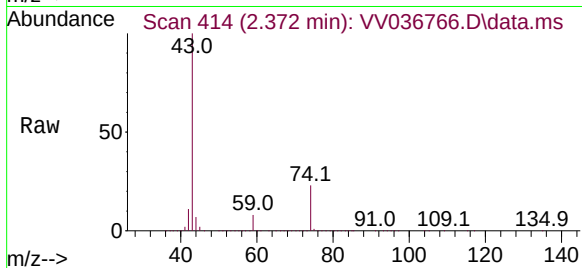
ClientSampleId :

Tgt Ion: 43 Resp: 342122

Ion Ratio Lower Upper

43 100

74 23.2 19.0 28.4



#16

Methylene chloride

Concen: 50.286 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

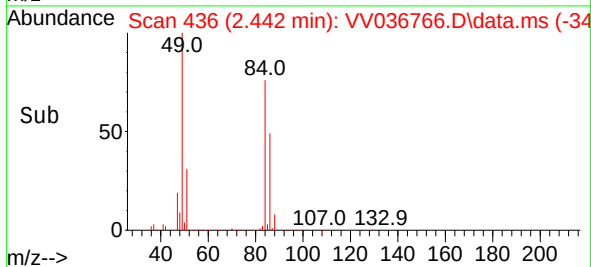
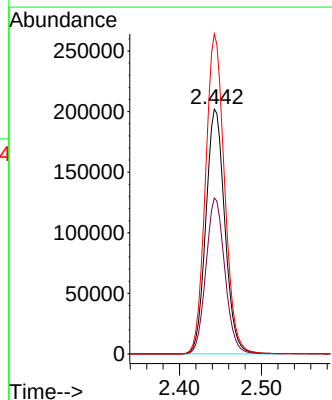
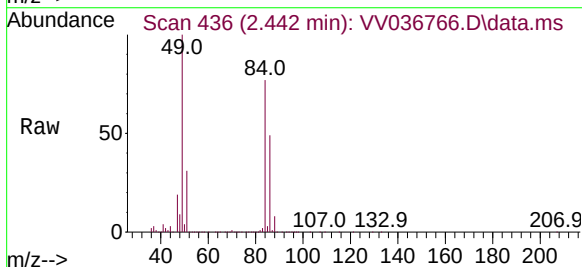
Tgt Ion: 84 Resp: 323234

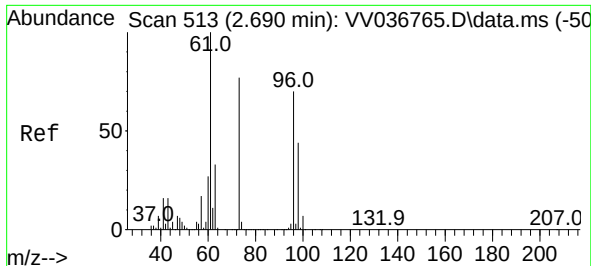
Ion Ratio Lower Upper

84 100

86 63.7 44.3 82.3

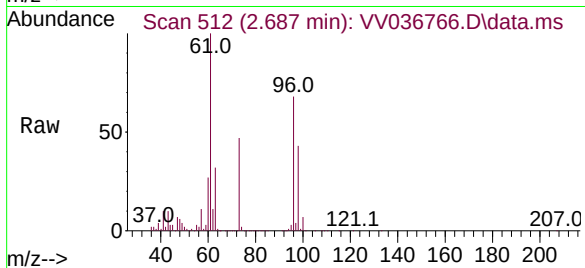
49 130.7 91.1 169.1



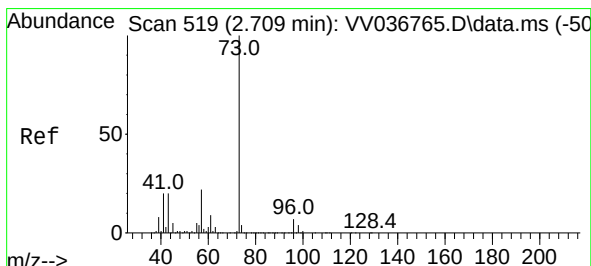
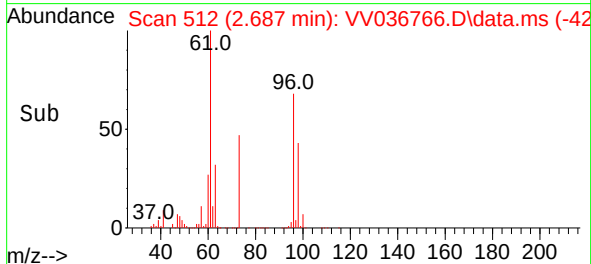
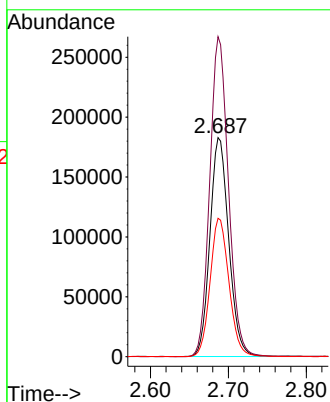


#17
trans-1,2-Dichloroethene
Concen: 51.887 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Instrument :
MSVOA_V
ClientSampleId :

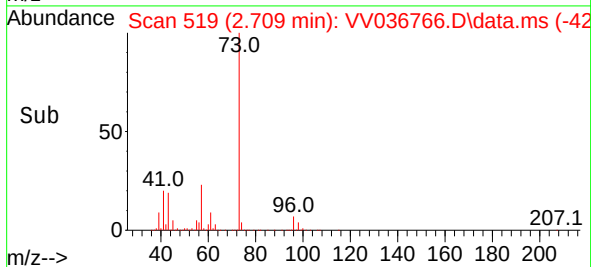
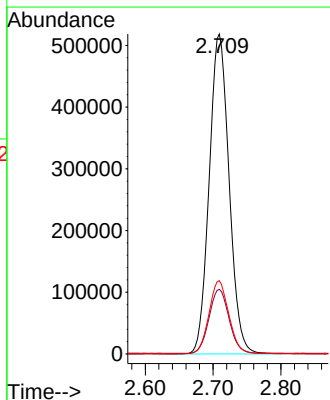
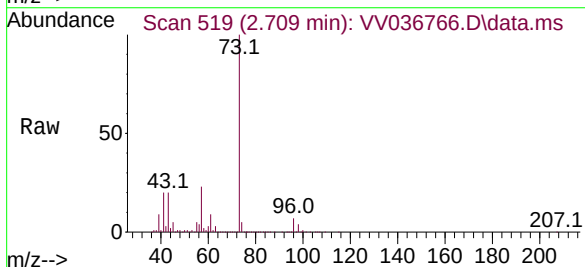


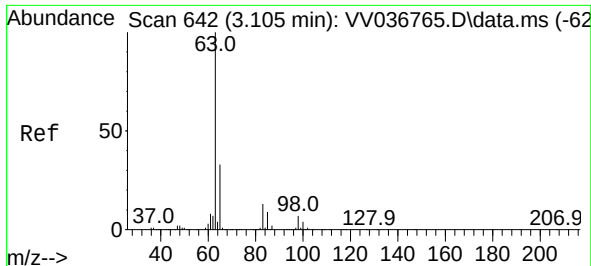
Tgt Ion: 96 Resp: 306675
Ion Ratio Lower Upper
96 100
61 146.1 100.0 185.8
98 63.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 51.045 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

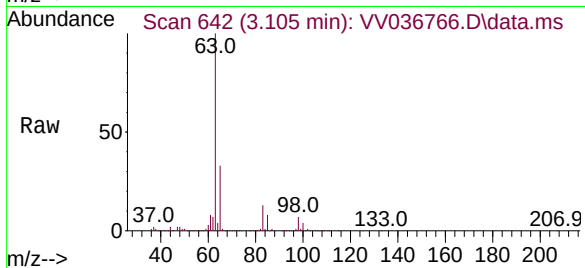
Tgt Ion: 73 Resp: 1057196
Ion Ratio Lower Upper
73 100
43 20.2 16.1 24.1
57 22.7 17.9 26.9



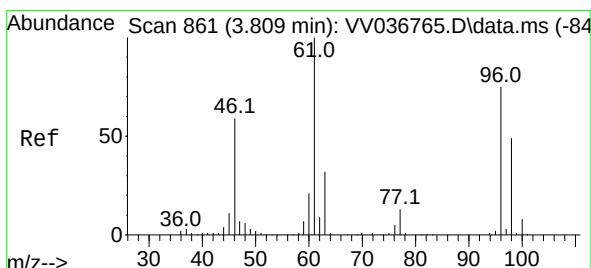
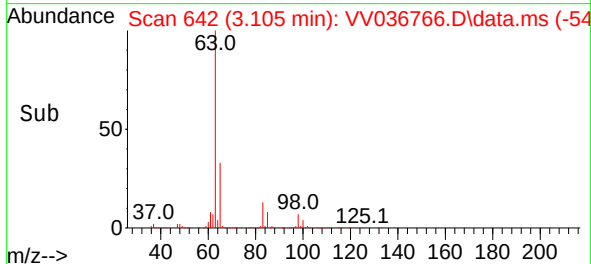
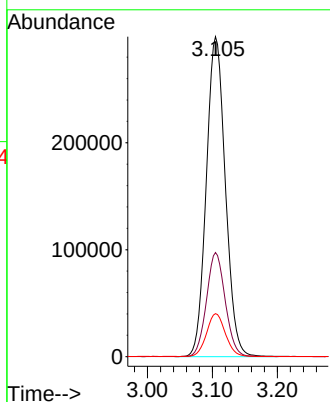


#19
1,1-Dichloroethane
Concen: 51.149 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Instrument :
MSVOA_V
ClientSampleId :

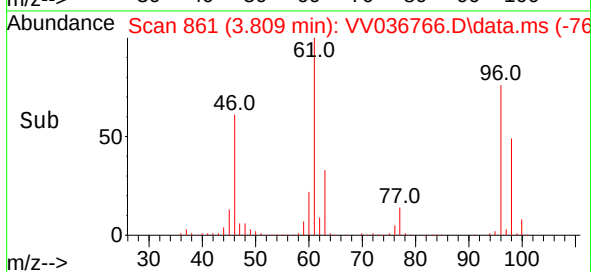
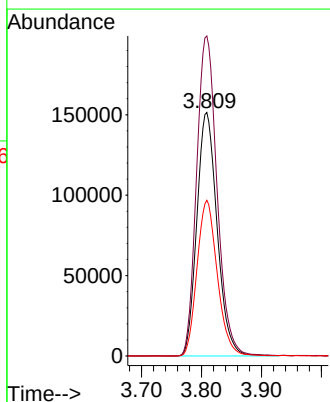
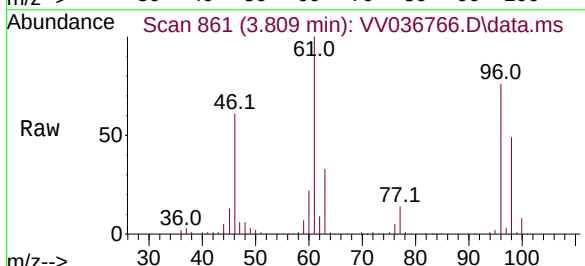


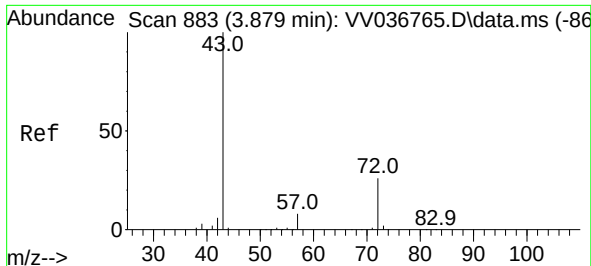
Tgt Ion: 63 Resp: 610164
Ion Ratio Lower Upper
63 100
65 32.6 23.2 43.0
83 13.5 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.073 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion: 96 Resp: 357314
Ion Ratio Lower Upper
96 100
61 131.4 93.9 174.5
98 63.9 46.0 85.4

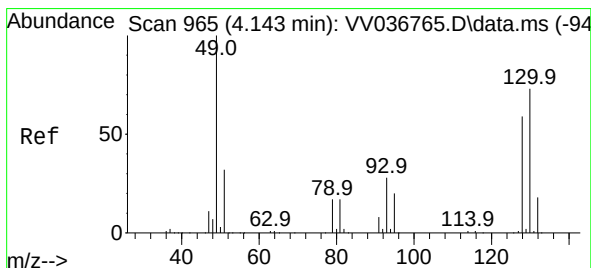
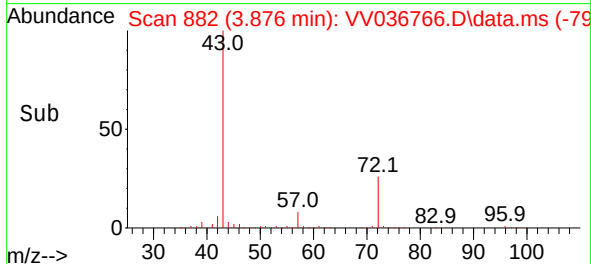
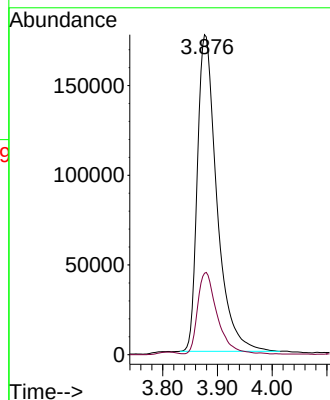
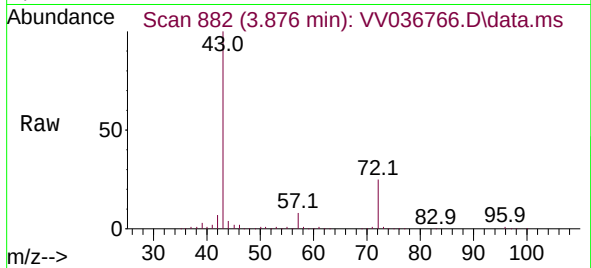




#22
2-Butanone
Concen: 110.291 ug/L
RT: 3.876 min Scan# 883
Delta R.T. -0.003 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

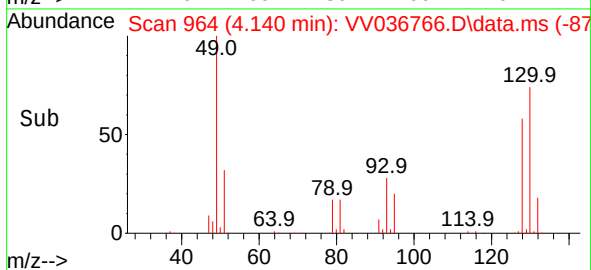
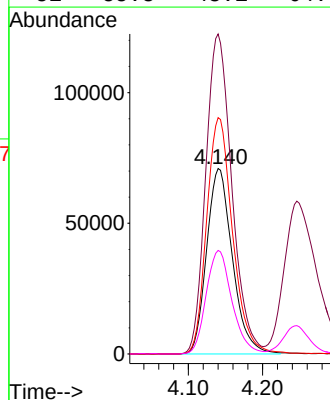
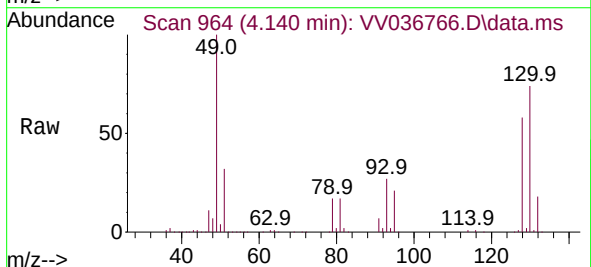
Instrument :
MSVOA_V
ClientSampleId :

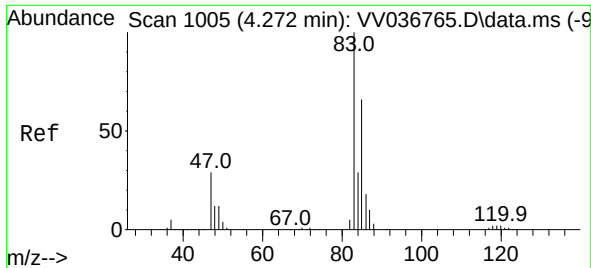
Tgt Ion: 43 Resp: 436411
Ion Ratio Lower Upper
43 100
72 25.7 12.5 37.5



#23
Bromochloromethane
Concen: 50.597 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion:128 Resp: 170934
Ion Ratio Lower Upper
128 100
49 172.6 120.0 223.0
130 127.5 87.0 161.6
51 55.8 43.1 64.7

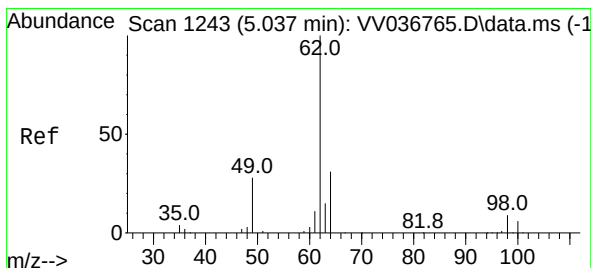
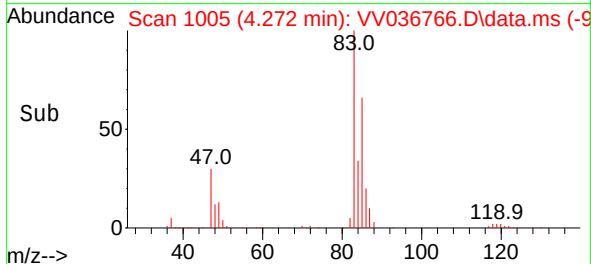
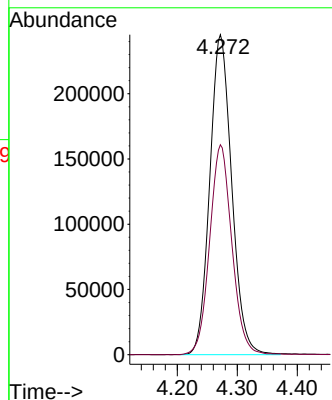
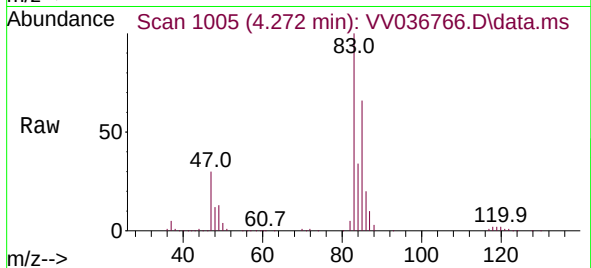




#25
Chloroform
Concen: 50.284 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

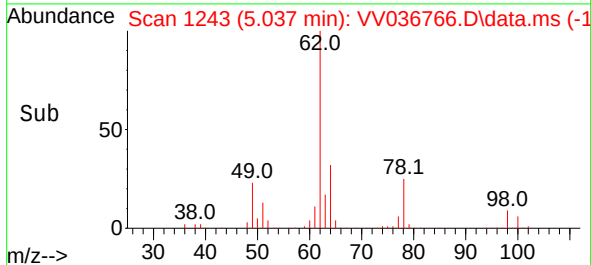
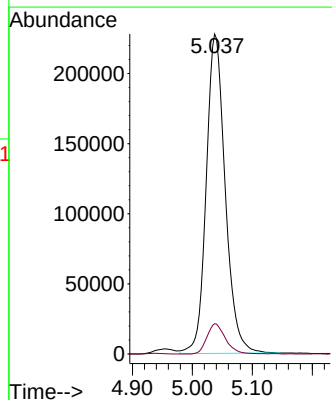
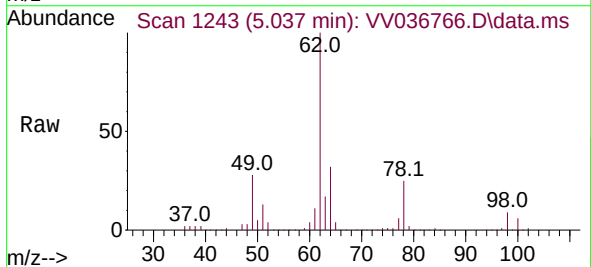
Instrument :
MSVOA_V
ClientSampleId :

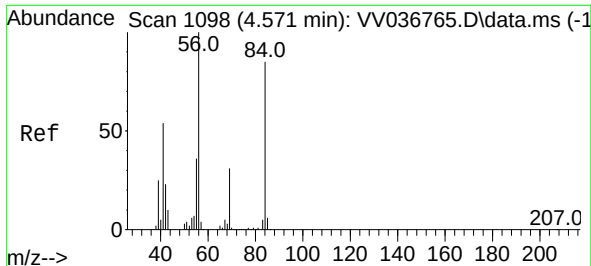
Tgt Ion: 83 Resp: 623428
Ion Ratio Lower Upper
83 100
85 65.6 46.0 85.4



#27
1,2-Dichloroethane
Concen: 52.317 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion: 62 Resp: 502644
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3





#29

Cyclohexane

Concen: 53.042 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

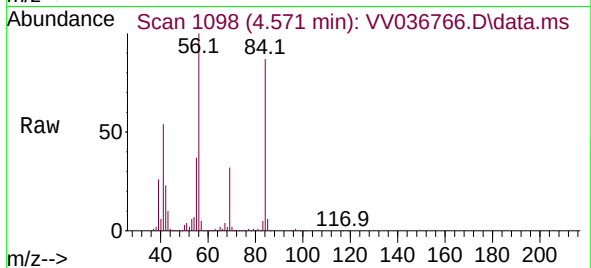
Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :



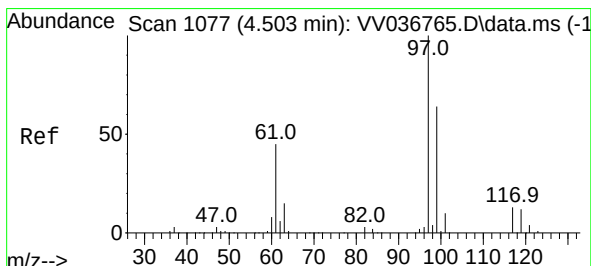
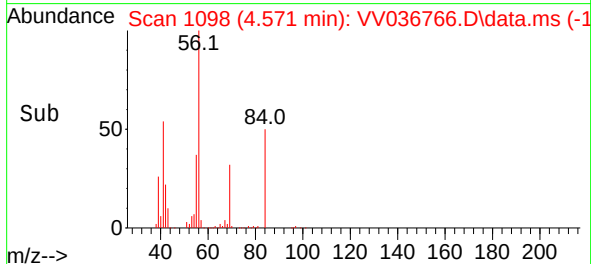
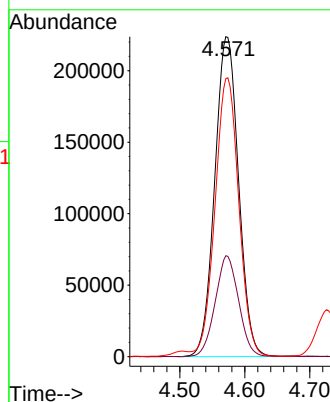
Tgt Ion: 56 Resp: 569591

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 86.8 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 51.724 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

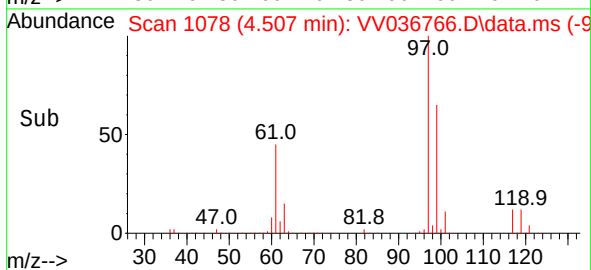
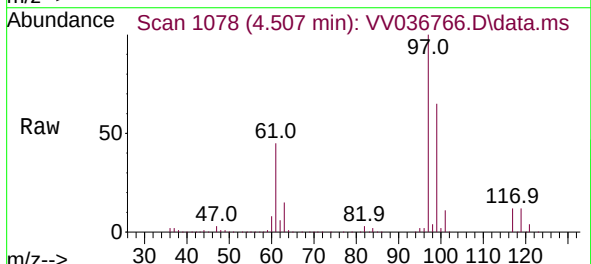
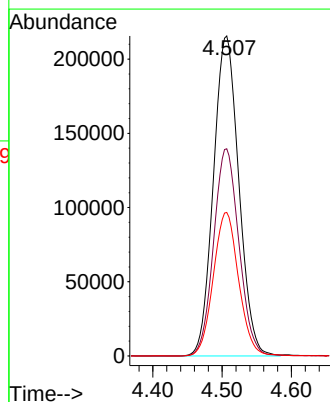
Tgt Ion: 97 Resp: 549685

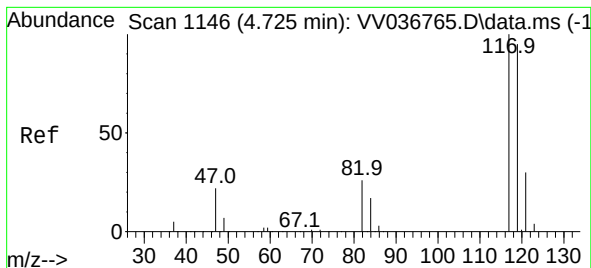
Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 44.8 36.0 54.0





#31

Carbon tetrachloride

Concen: 52.712 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

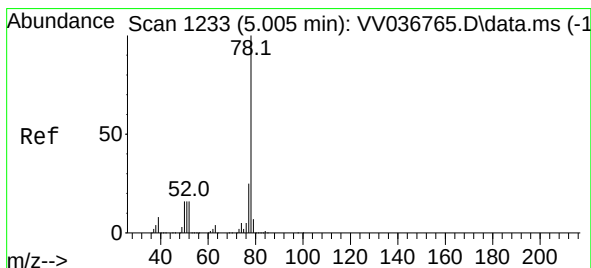
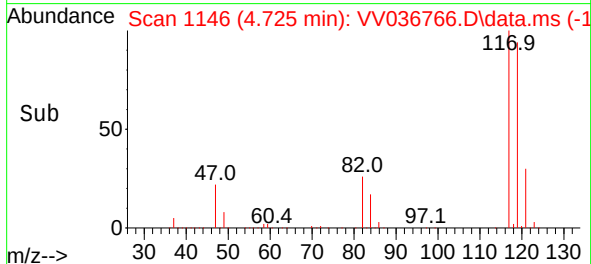
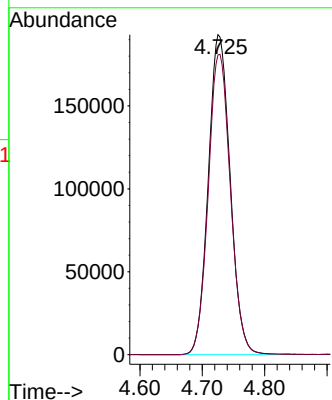
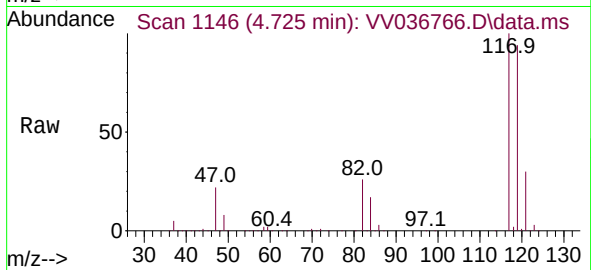
ClientSampleId :

Tgt Ion:117 Resp: 470924

Ion Ratio Lower Upper

117 100

119 95.2 76.1 114.1



#33

Benzene

Concen: 52.912 ug/L

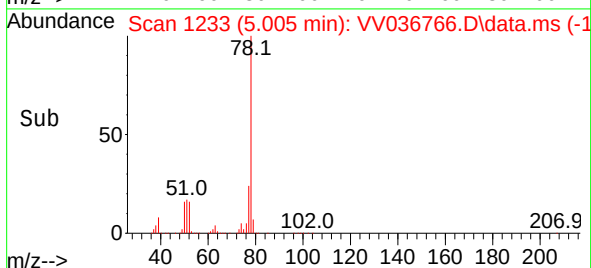
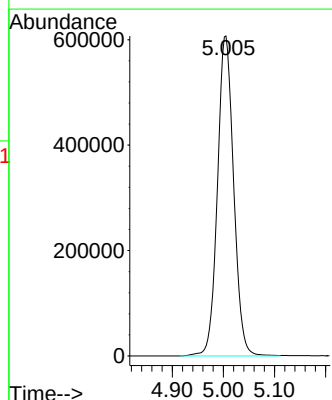
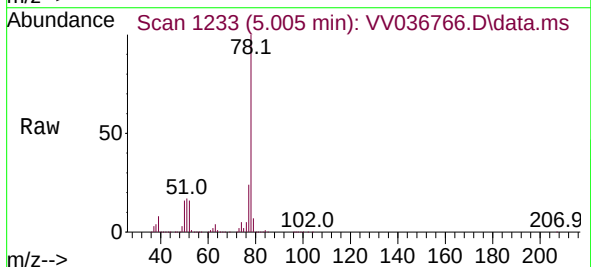
RT: 5.005 min Scan# 1233

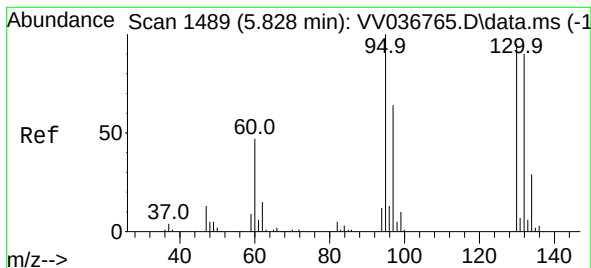
Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Tgt Ion: 78 Resp: 1336964





#34

Trichloroethene

Concen: 51.475 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 377087

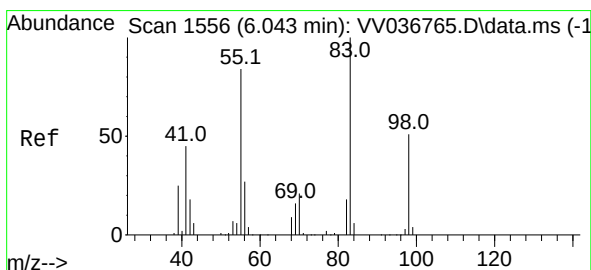
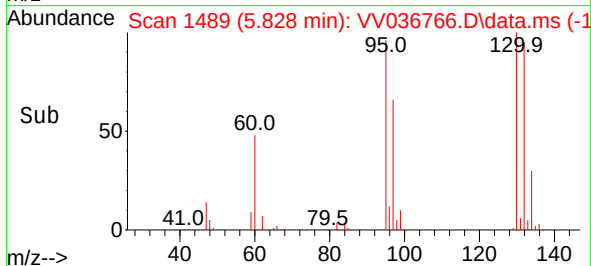
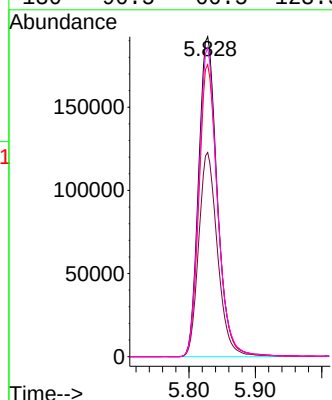
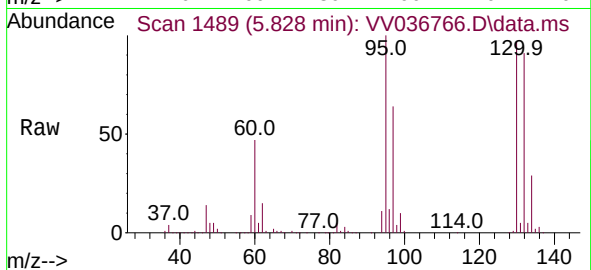
Ion Ratio Lower Upper

95 100

97 63.8 44.7 82.9

132 91.3 62.9 116.9

130 96.5 66.5 123.5



#35

Methylcyclohexane

Concen: 52.691 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

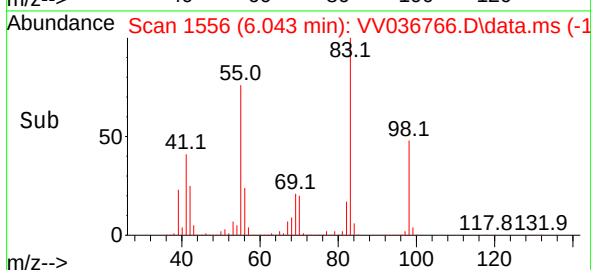
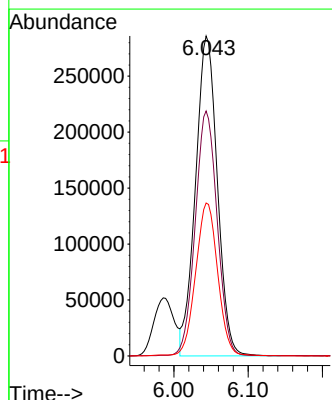
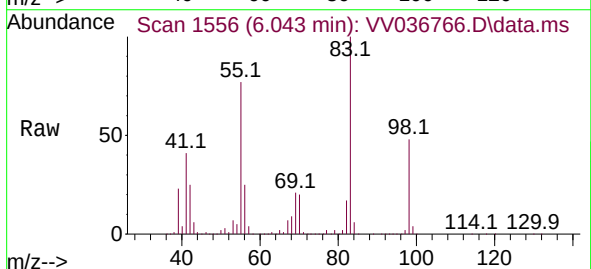
Tgt Ion: 83 Resp: 585096

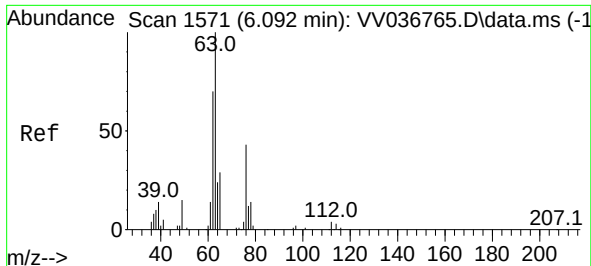
Ion Ratio Lower Upper

83 100

55 76.7 62.3 93.5

98 48.3 38.7 58.1

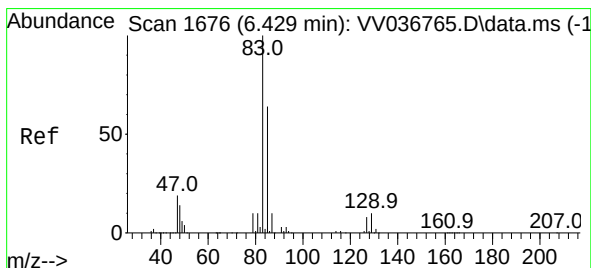
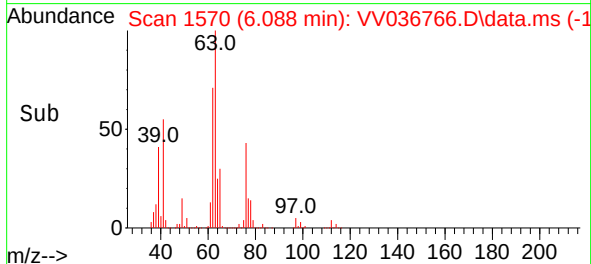
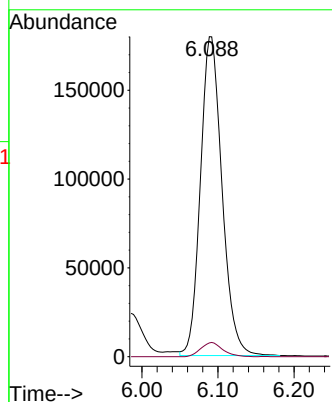
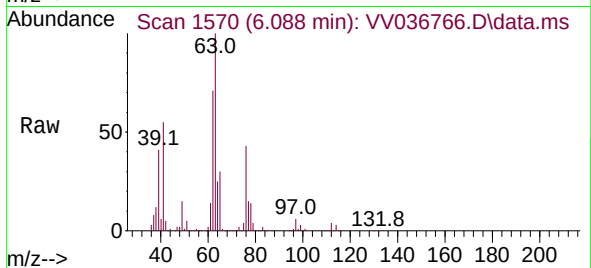




#37
1,2-Dichloropropane
Concen: 53.207 ug/L
RT: 6.088 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

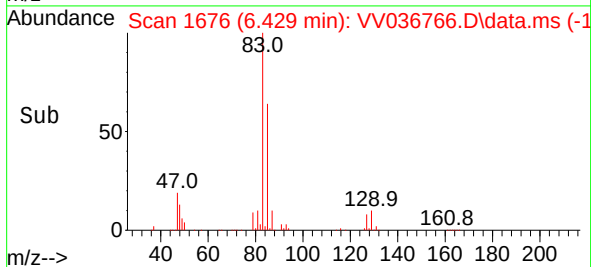
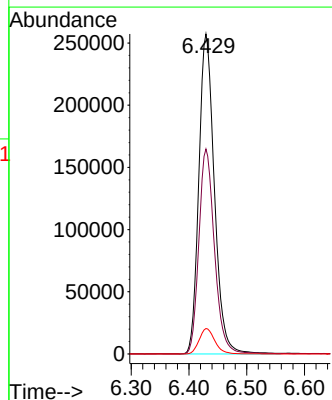
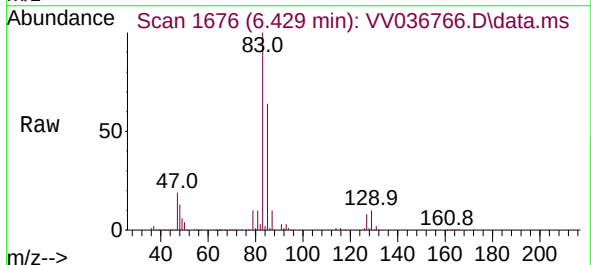
Instrument :
MSVOA_V
ClientSampleId :

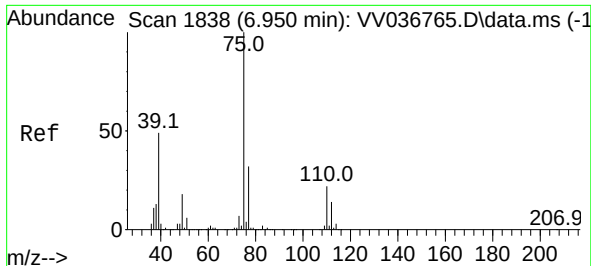
Tgt Ion: 63 Resp: 353991
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 52.226 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion: 83 Resp: 481994
Ion Ratio Lower Upper
83 100
85 64.1 44.7 83.1
127 8.0 6.2 9.4

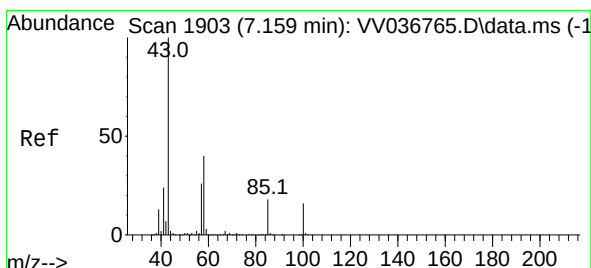
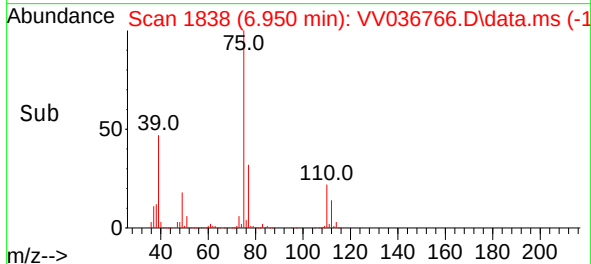
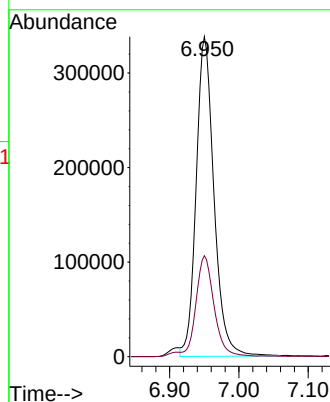
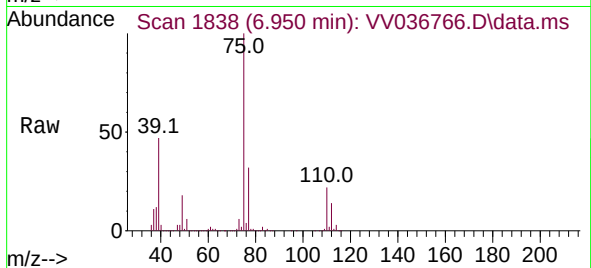




#39
cis-1,3-Dichloropropene
Concen: 52.324 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

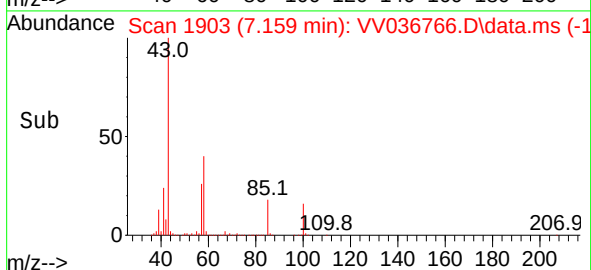
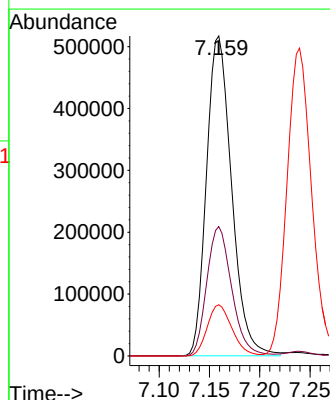
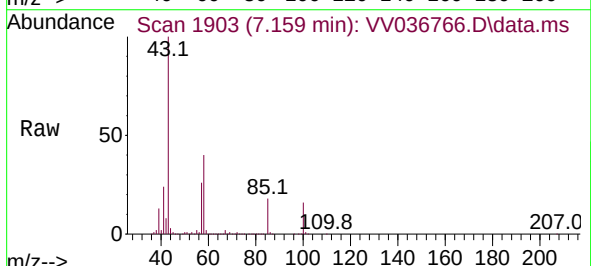
Instrument :
MSVOA_V
ClientSampleId :

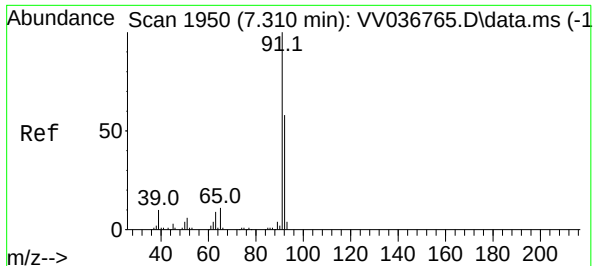
Tgt Ion: 75 Resp: 605122
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 111.808 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion: 43 Resp: 899468
Ion Ratio Lower Upper
43 100
58 40.2 31.3 46.9
100 15.8 12.6 18.8





#42

Toluene

Concen: 52.805 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

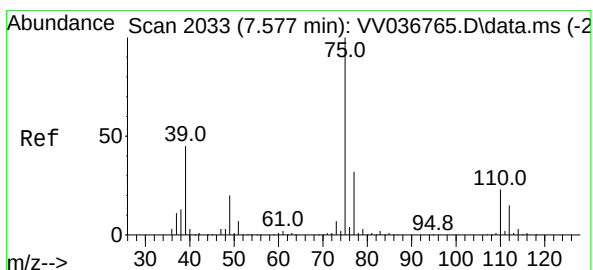
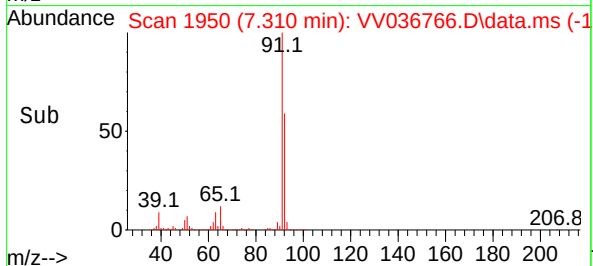
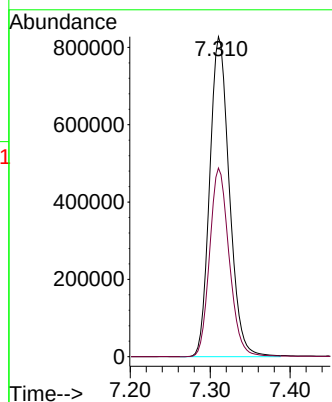
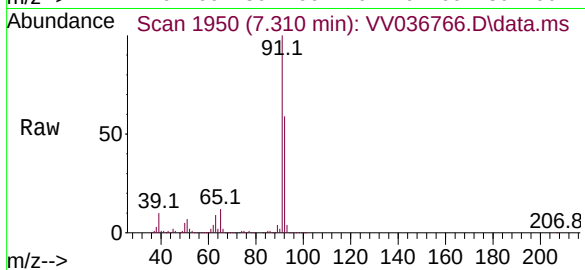
ClientSampleId :

Tgt Ion: 91 Resp: 1412019

Ion Ratio Lower Upper

91 100

92 59.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 53.237 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036766.D

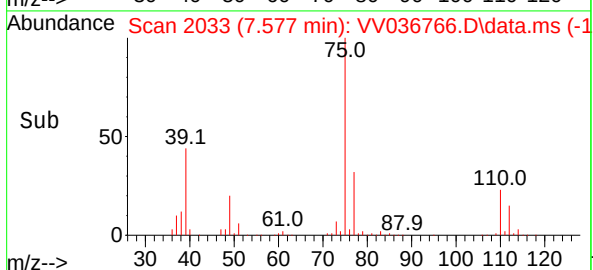
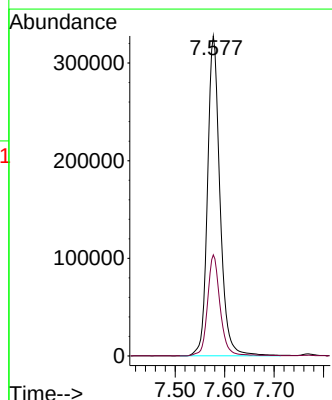
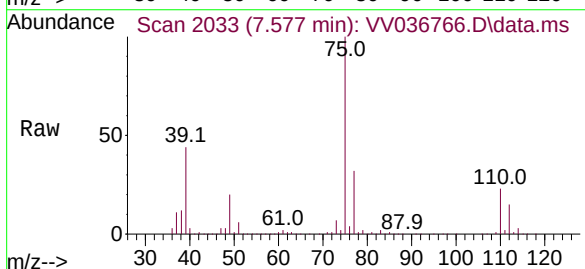
Acq: 02 Aug 2024 17:00

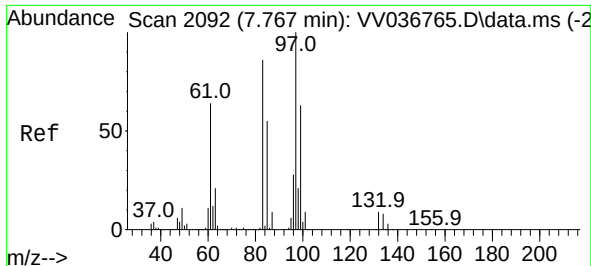
Tgt Ion: 75 Resp: 570708

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 51.959 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 331708

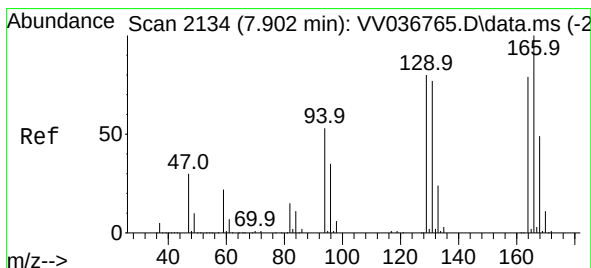
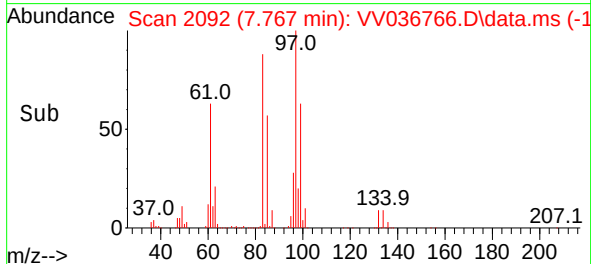
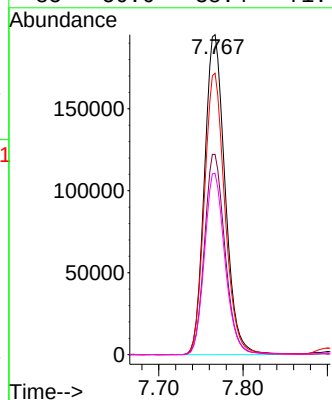
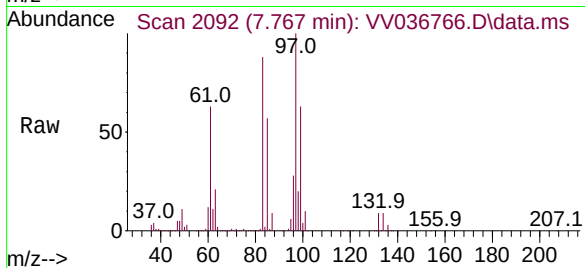
Ion Ratio Lower Upper

97 100

99 62.6 44.0 81.6

83 88.0 60.1 111.5

85 56.6 38.4 71.4



#46

Tetrachloroethene

Concen: 52.728 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Tgt Ion:164 Resp: 251064

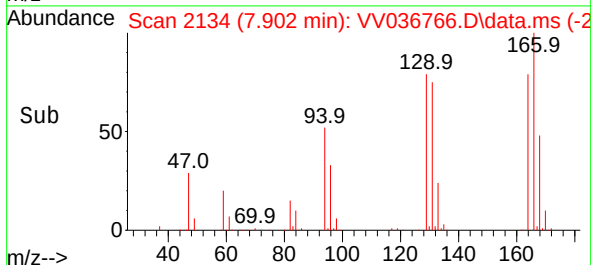
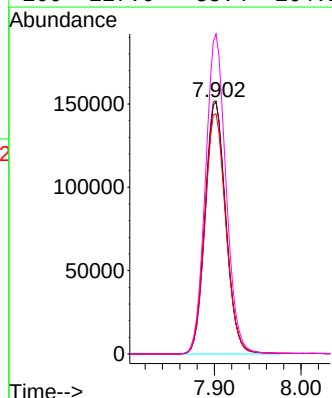
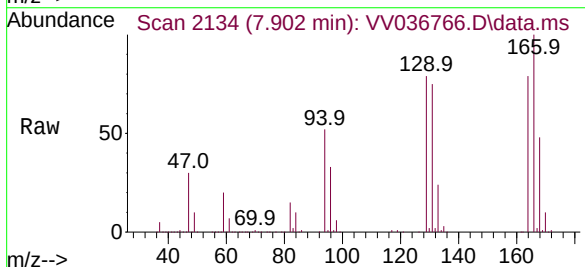
Ion Ratio Lower Upper

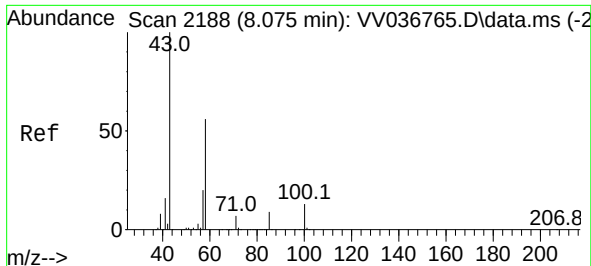
164 100

129 100.4 70.4 130.8

131 95.3 67.7 125.7

166 127.0 88.4 164.2





#48

2-Hexanone

Concen: 111.776 ug/L

RT: 8.072 min Scan# 2188

Delta R.T. -0.003 min

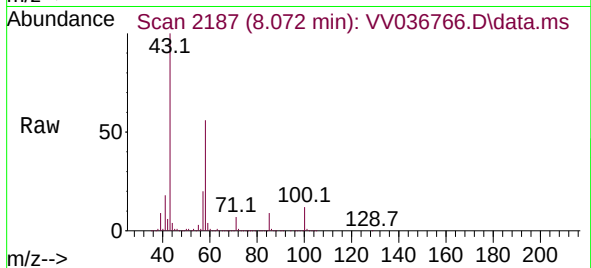
Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 677257

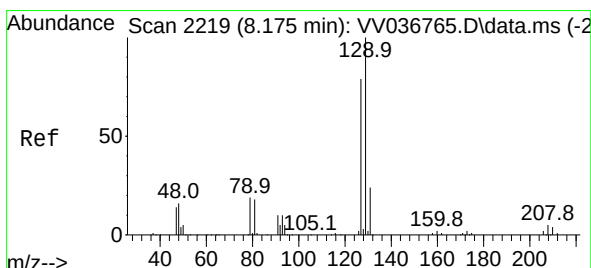
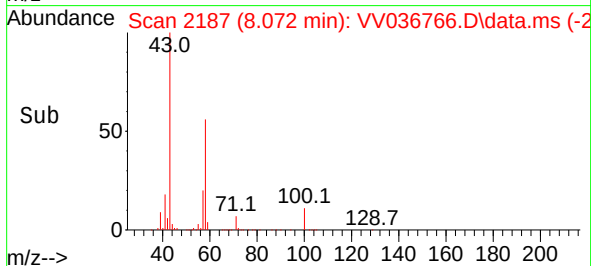
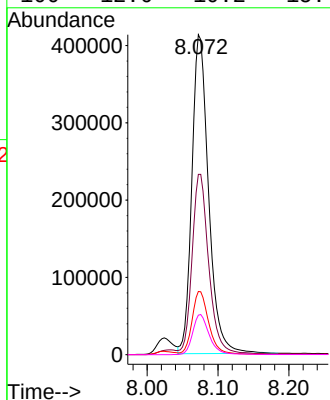
Ion Ratio Lower Upper

43 100

58 55.9 44.7 67.1

57 19.4 15.0 22.4

100 12.6 10.2 15.4



#49

Dibromochloromethane

Concen: 52.975 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.003 min

Lab File: VV036766.D

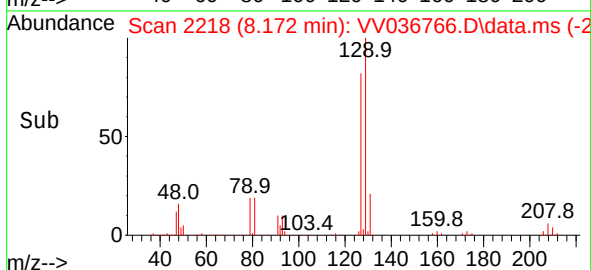
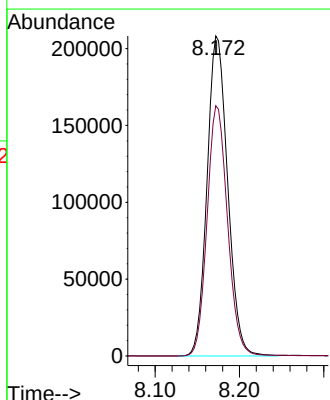
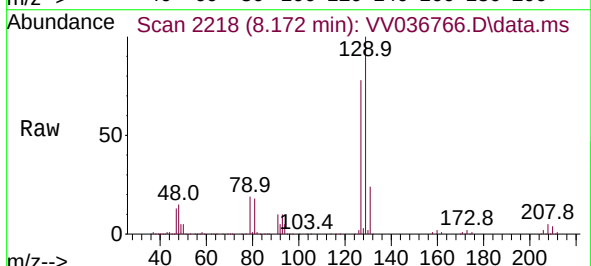
Acq: 02 Aug 2024 17:00

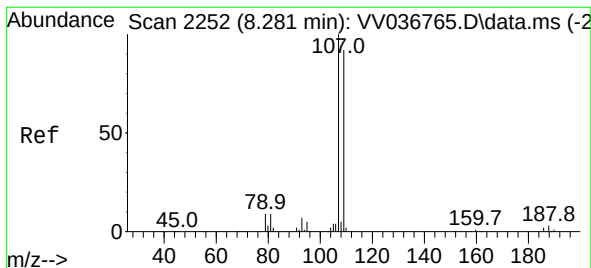
Tgt Ion: 129 Resp: 354707

Ion Ratio Lower Upper

129 100

127 78.2 55.4 102.8





#50

1,2-Dibromoethane

Concen: 52.573 ug/L

RT: 8.278 min Scan# 2416

Delta R.T. -0.003 min

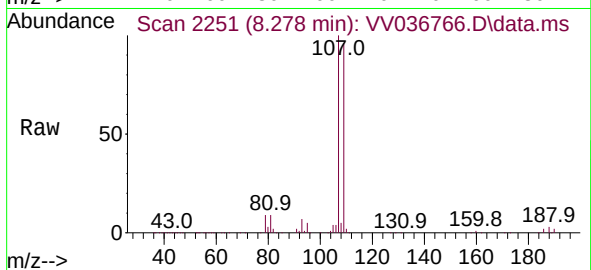
Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :



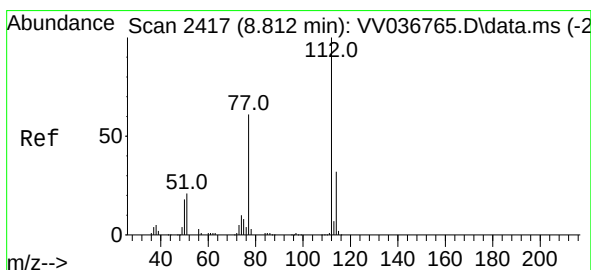
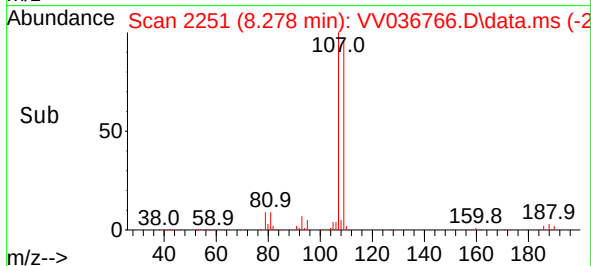
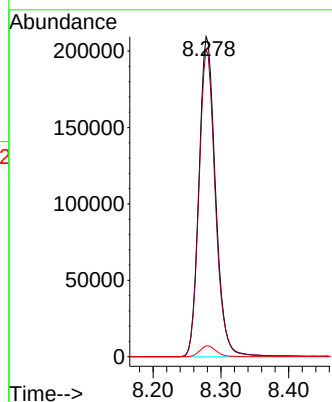
Tgt Ion:107 Resp: 354827

Ion Ratio Lower Upper

107 100

109 96.2 64.7 120.1

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 51.948 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.003 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

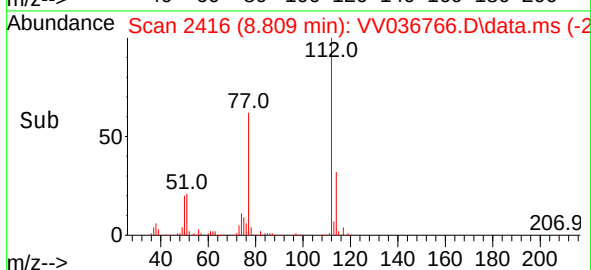
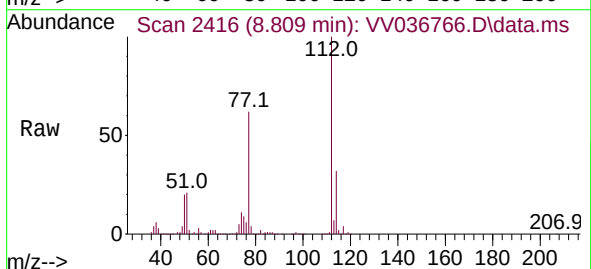
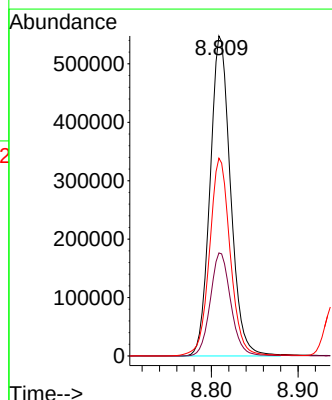
Tgt Ion:112 Resp: 899515

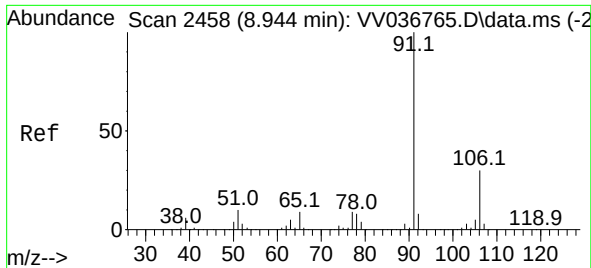
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 61.8 48.9 73.3

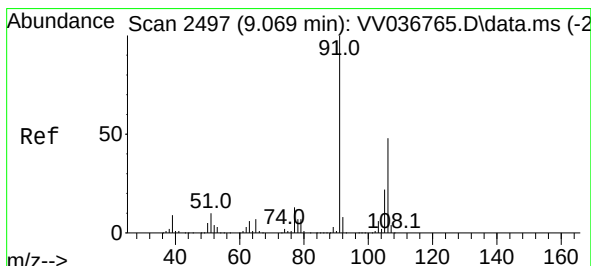
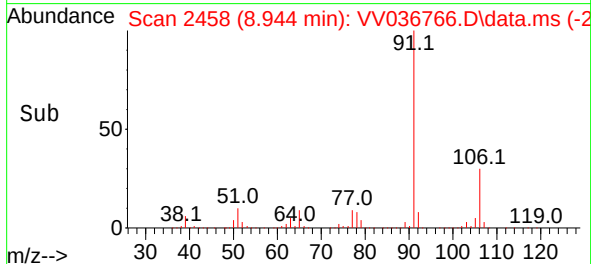
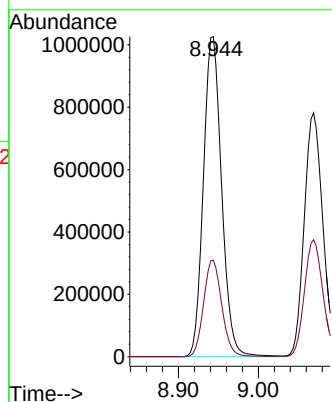
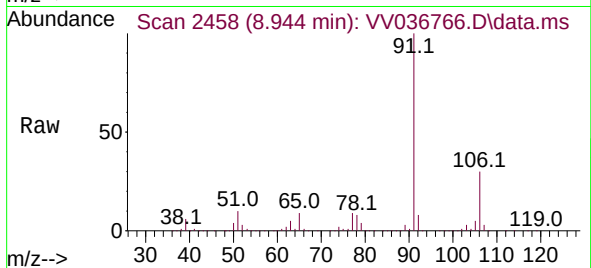




#52
Ethylbenzene
Concen: 52.839 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

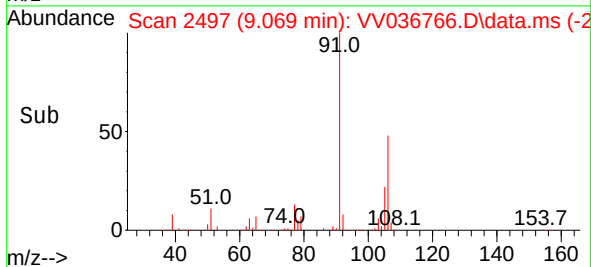
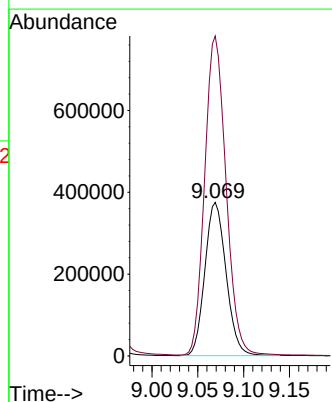
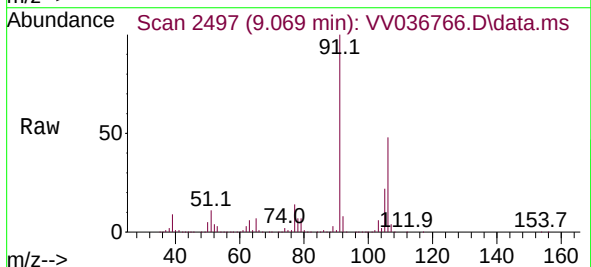
Instrument :
MSVOA_V
ClientSampleId :

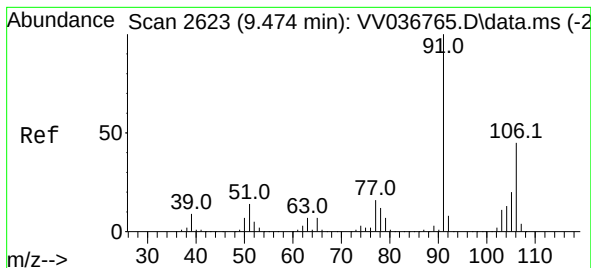
Tgt Ion: 91 Resp: 1629186
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 53.241 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion:106 Resp: 601632
Ion Ratio Lower Upper
106 100
91 208.3 147.1 273.3





#54

o-Xylene

Concen: 52.878 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

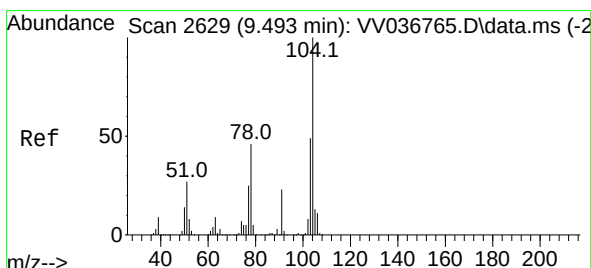
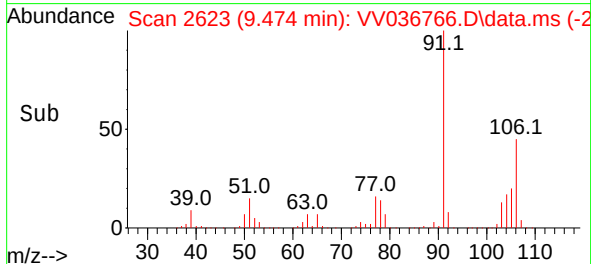
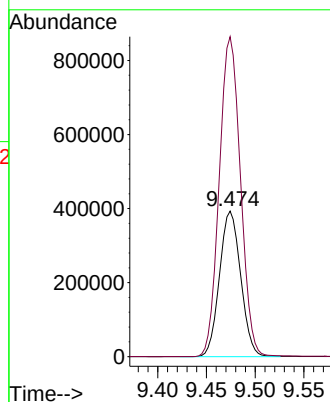
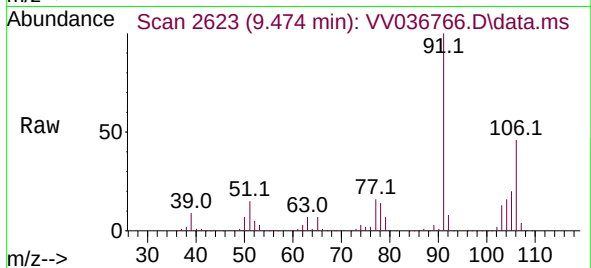
ClientSampleId :

Tgt Ion:106 Resp: 594635

Ion Ratio Lower Upper

106 100

91 219.8 154.5 286.9



#55

Styrene

Concen: 53.703 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV036766.D

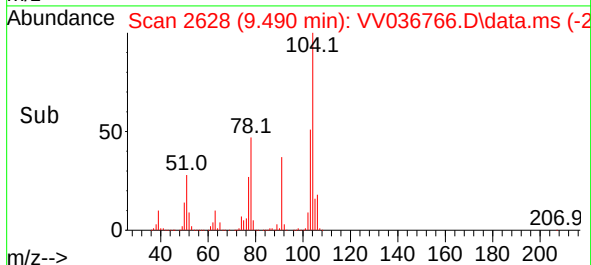
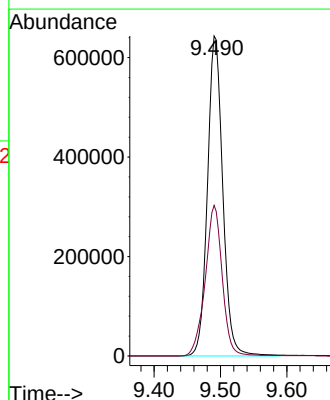
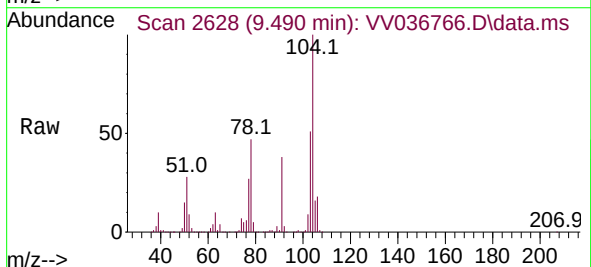
Acq: 02 Aug 2024 17:00

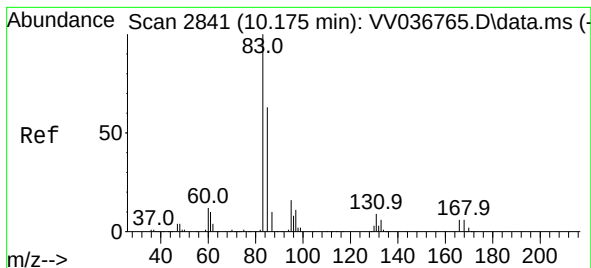
Tgt Ion:104 Resp: 1033483

Ion Ratio Lower Upper

104 100

78 47.1 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 55.704 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :

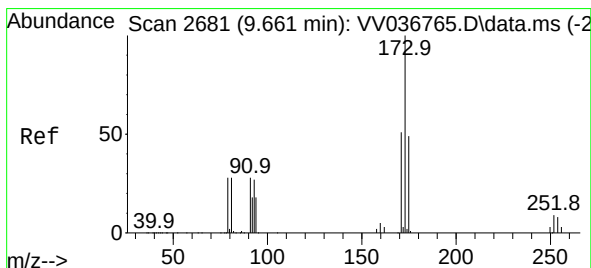
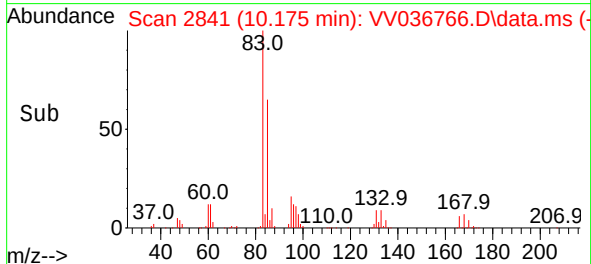
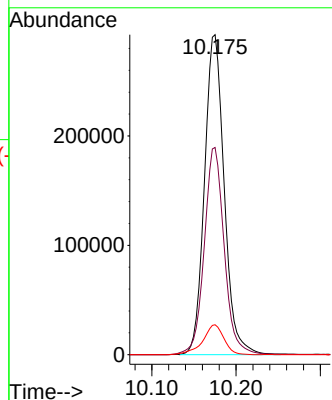
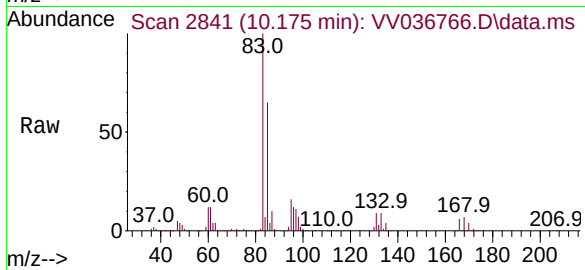
Tgt Ion: 83 Resp: 477937

Ion Ratio Lower Upper

83 100

85 64.8 44.7 83.1

131 9.4 7.2 10.8



#59

Bromoform

Concen: 53.988 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

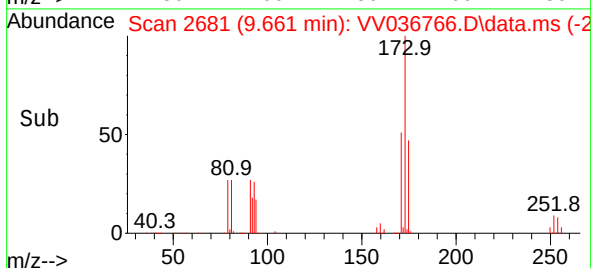
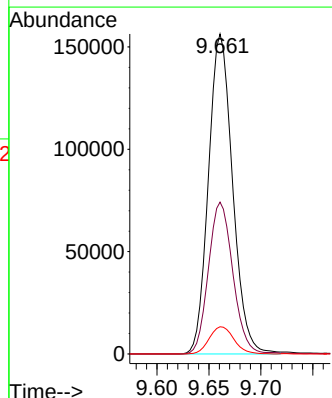
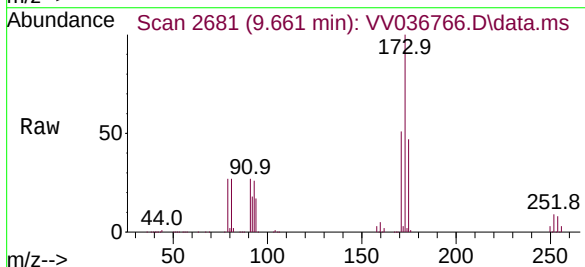
Tgt Ion:173 Resp: 252316

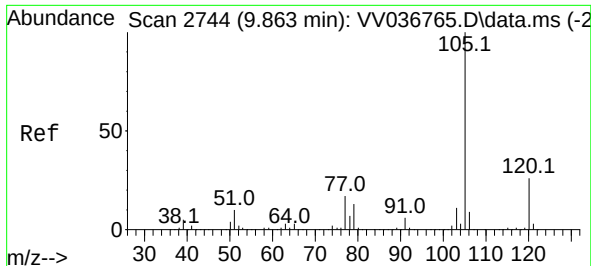
Ion Ratio Lower Upper

173 100

175 47.8 39.8 59.8

254 8.7 6.8 10.2

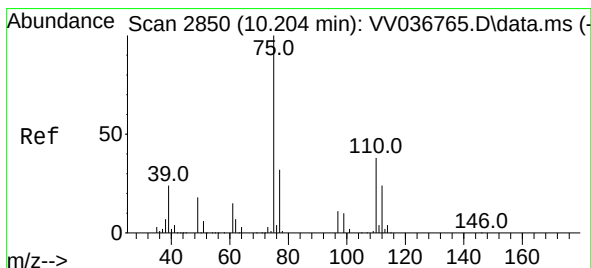
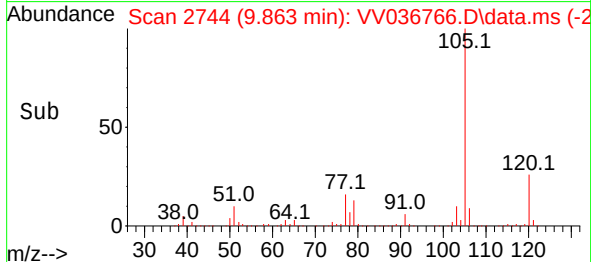
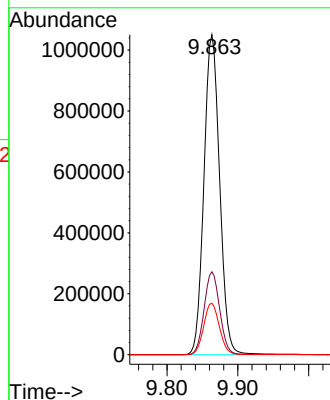
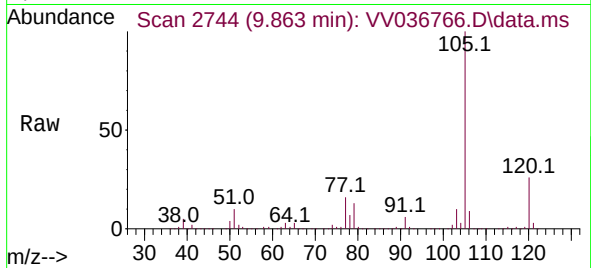




#60
Isopropylbenzene
Concen: 52.689 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

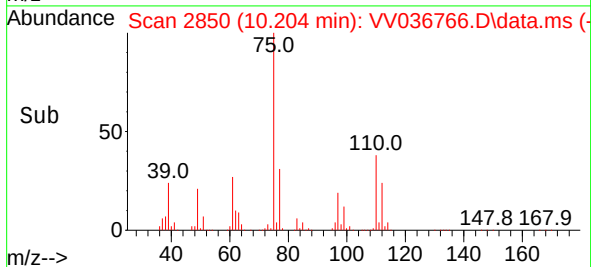
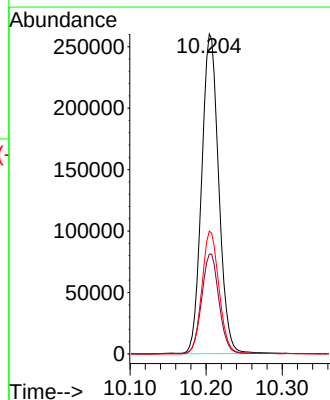
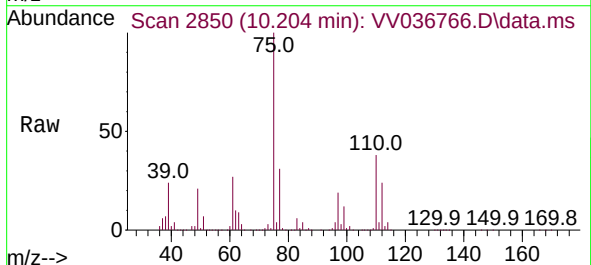
Instrument :
MSVOA_V
ClientSampleId :

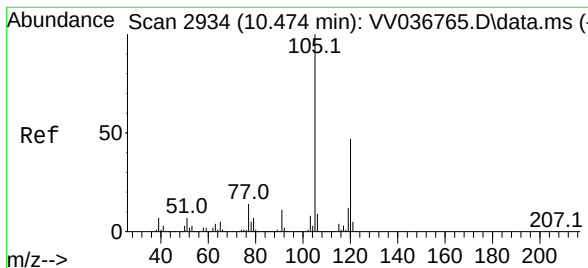
Tgt Ion:105 Resp: 1614944
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 54.415 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion: 75 Resp: 405362
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 38.5 31.3 46.9

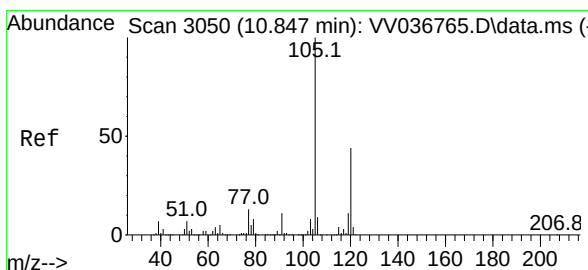
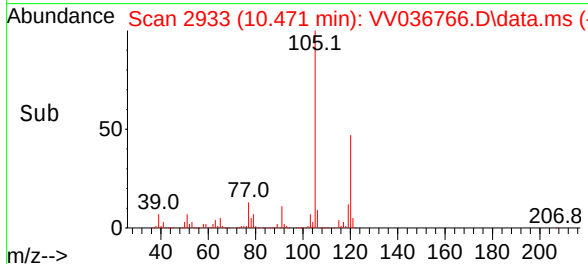
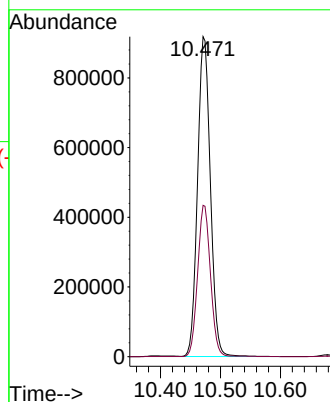
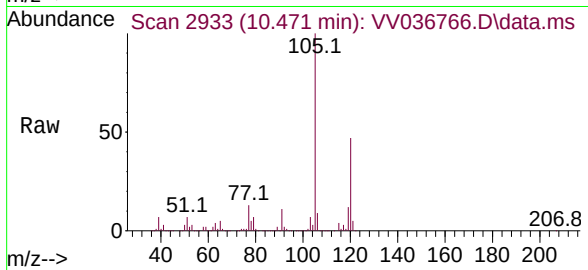




#62
1,3,5-Trimethylbenzene
Concen: 53.236 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. -0.003 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

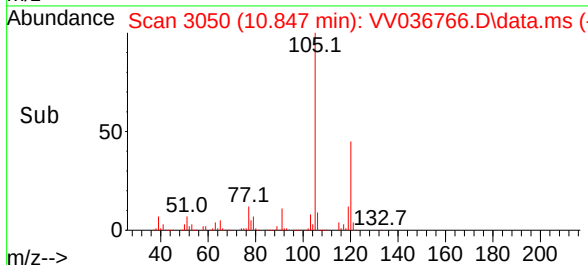
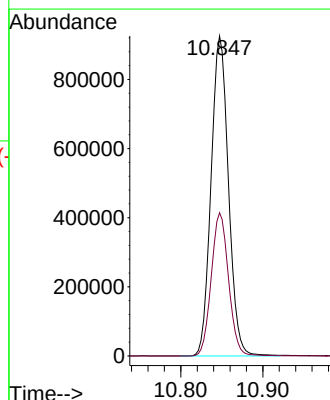
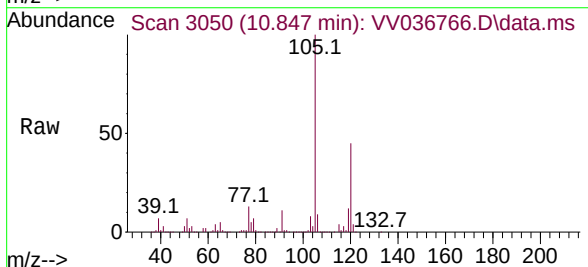
Instrument :
MSVOA_V
ClientSampleId :

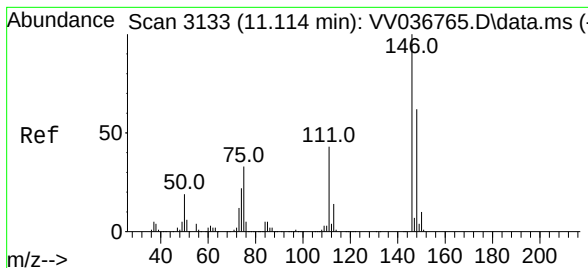
Tgt Ion:105 Resp: 1366922
Ion Ratio Lower Upper
105 100
120 47.3 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 53.436 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VV036766.D
Acq: 02 Aug 2024 17:00

Tgt Ion:105 Resp: 1363980
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 52.308 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :

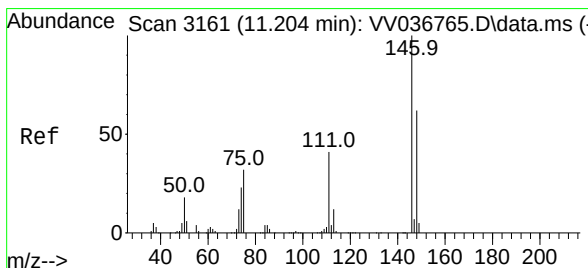
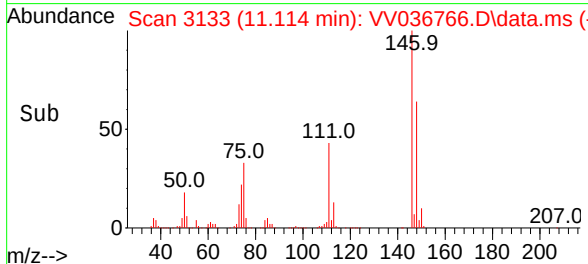
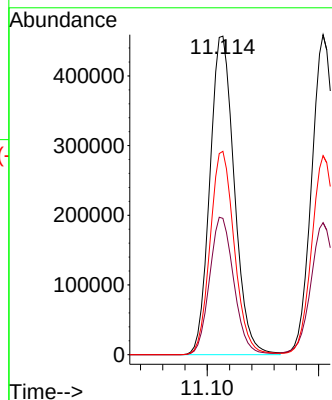
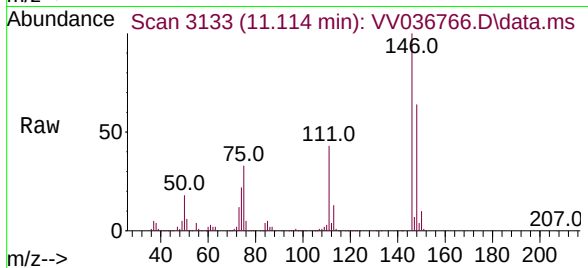
Tgt Ion:146 Resp: 696672

Ion Ratio Lower Upper

146 100

111 42.8 29.8 55.4

148 63.8 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 52.091 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

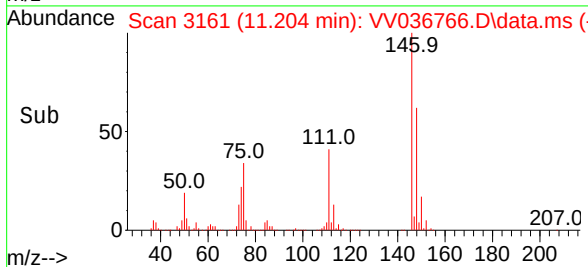
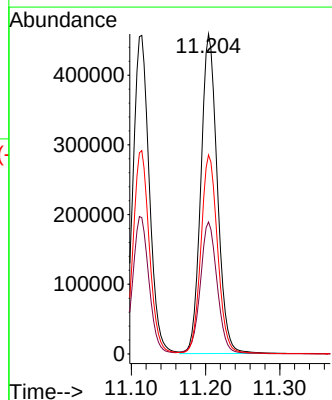
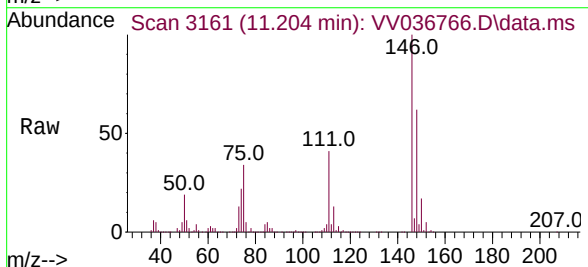
Tgt Ion:146 Resp: 707184

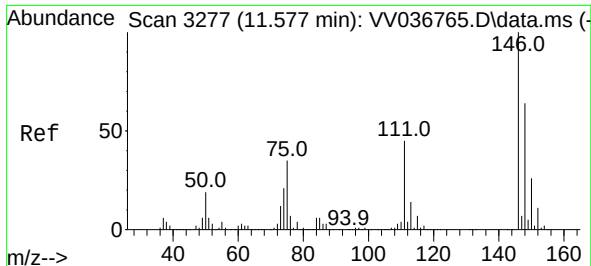
Ion Ratio Lower Upper

146 100

111 41.2 29.0 53.9

148 62.2 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 52.012 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :

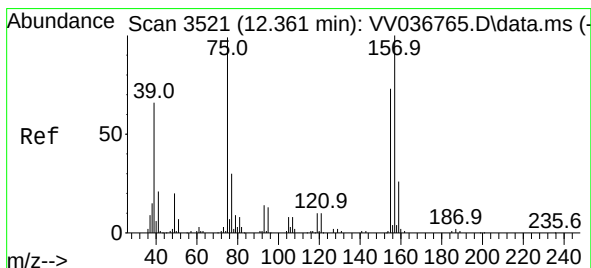
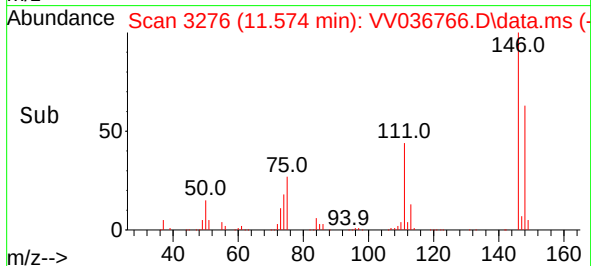
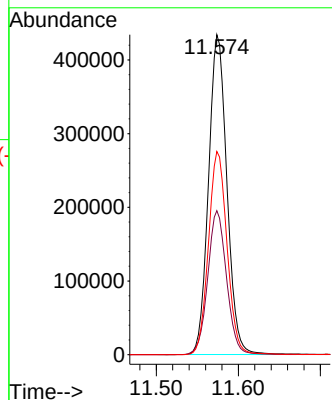
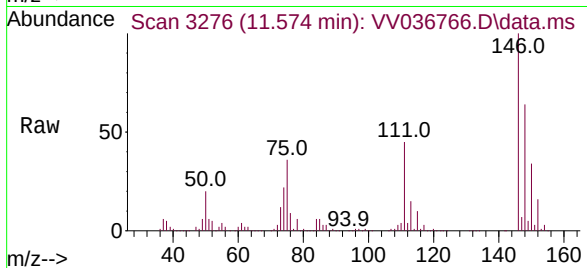
Tgt Ion:146 Resp: 676021

Ion Ratio Lower Upper

146 100

111 45.0 35.7 53.5

148 63.5 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 56.106 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

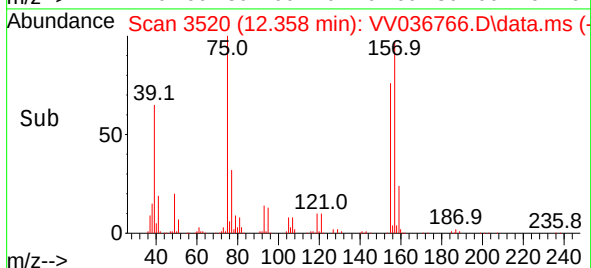
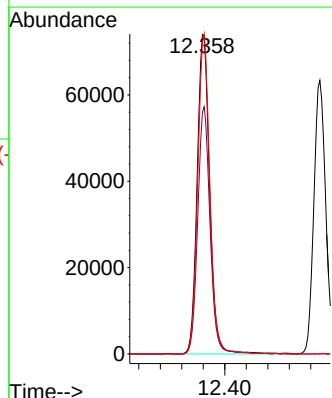
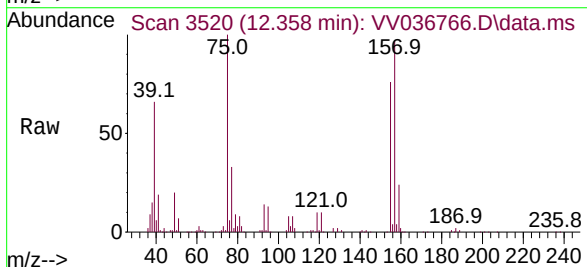
Tgt Ion: 75 Resp: 119594

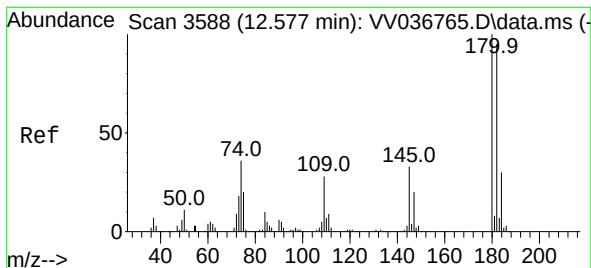
Ion Ratio Lower Upper

75 100

155 75.6 59.5 89.3

157 97.5 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 52.830 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

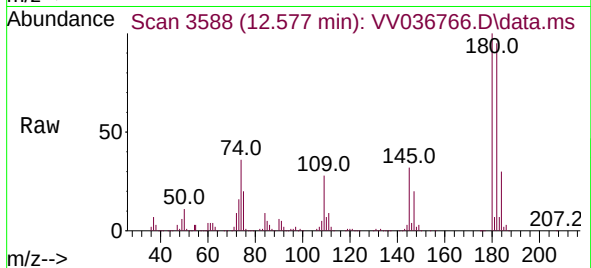
Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 491387

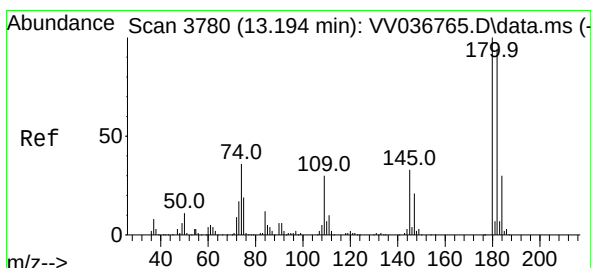
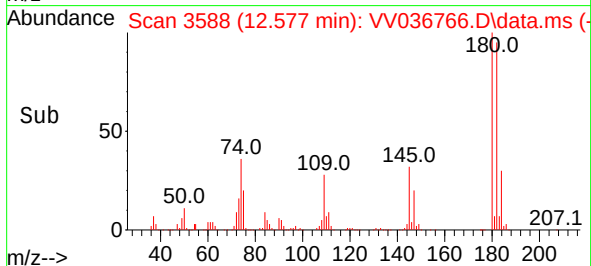
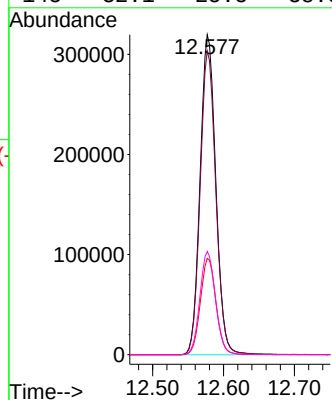
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.6

184 30.0 23.7 35.5

145 32.1 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 52.865 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

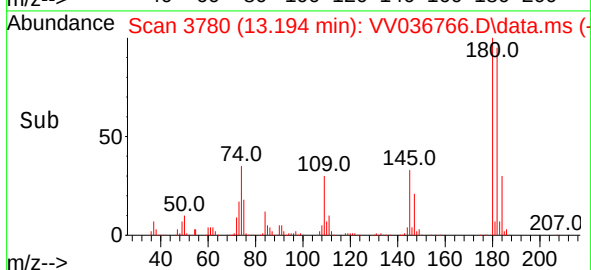
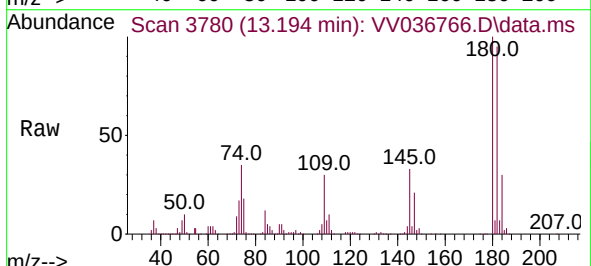
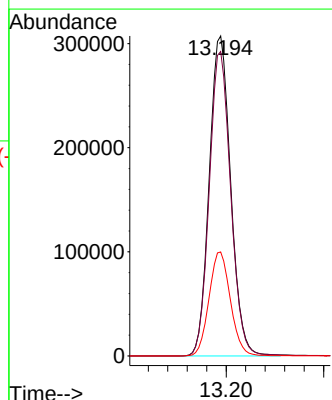
Tgt Ion:180 Resp: 469617

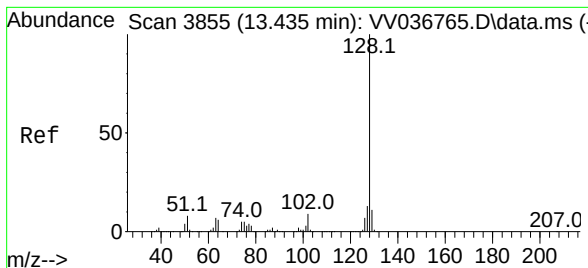
Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 32.4 26.5 39.7





#71

Naphthalene

Concen: 54.724 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.003 min MSVOA_V

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Instrument :

MSVOA_V

ClientSampleId :

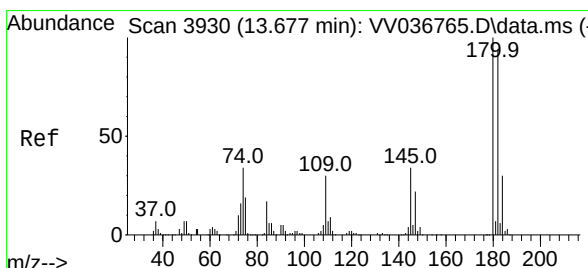
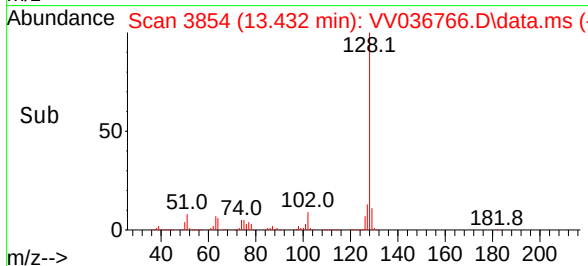
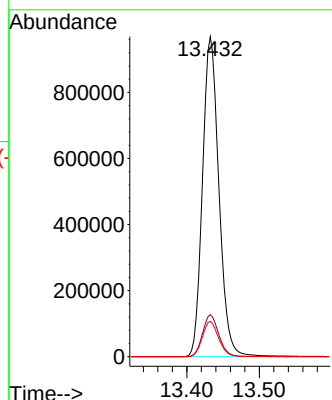
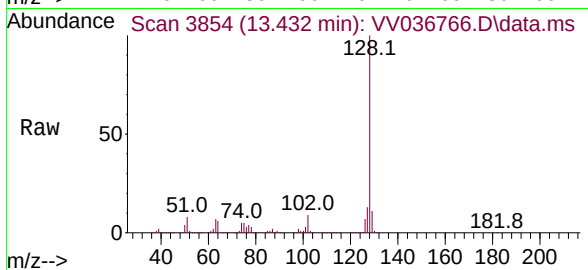
Tgt Ion:128 Resp: 1521449

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.574 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036766.D

Acq: 02 Aug 2024 17:00

Tgt Ion:180 Resp: 462666

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 34.8 27.8 41.6

