

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037738.D
 Acq On : 11 Oct 2024 17:41
 Operator : SY/MD
 Sample : P4349-21MS
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 06:20:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	572677	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	571565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	316922	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	186251	37.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.100%
7) Chloroethane-d5	1.532	69	166187	42.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.180%
11) 1,1-Dichloroethene-d2	2.056	65	86073	40.981	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.960%
21) 2-Butanone-d5	3.796	46	180297	100.691	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.690%
24) Chloroform-d	4.243	84	438217	48.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	4.937	65	257529	49.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
32) Benzene-d6	4.953	84	814571	45.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
36) 1,2-Dichloropropane-d6	5.982	67	262743	46.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.260%
41) Toluene-d8	7.236	98	745809	45.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.980%
43) trans-1,3-Dichloroprop...	7.548	79	117349	44.355	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.720%
47) 2-Hexanone-d5	8.024	63	121256	100.828	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.830%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	332744	50.283	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.560%
66) 1,2-Dichlorobenzene-d4	11.551	152	305129	45.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.380%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	223417	45.827	ug/L	100
3) Chloromethane	1.220	50	218149	46.090	ug/L	100
5) Vinyl chloride	1.285	62	238478	46.998	ug/L	99
6) Bromomethane	1.487	94	132651	47.107	ug/L	97
8) Chloroethane	1.548	64	148787	47.573	ug/L	99
9) Trichlorofluoromethane	1.712	101	343363	50.271	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	202414	49.593	ug/L	100
12) 1,1-Dichloroethene	2.069	96	184998	48.523	ug/L	84
13) Acetone	2.111	43	129477	73.762	ug/L	99
14) Carbon disulfide	2.240	76	495573	41.642	ug/L	100
15) Methyl Acetate	2.372	43	152976	49.939	ug/L	97
16) Methylene chloride	2.442	84	213842	49.536	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	193173	47.894	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	612188	52.904	ug/L	100
19) 1,1-Dichloroethane	3.105	63	396573	51.318	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	229861	50.927	ug/L	99
22) 2-Butanone	3.876	43	177925	91.579	ug/L	98
23) Bromochloromethane	4.140	128	121861	52.194	ug/L	94
25) Chloroform	4.269	83	418207	52.269	ug/L	99

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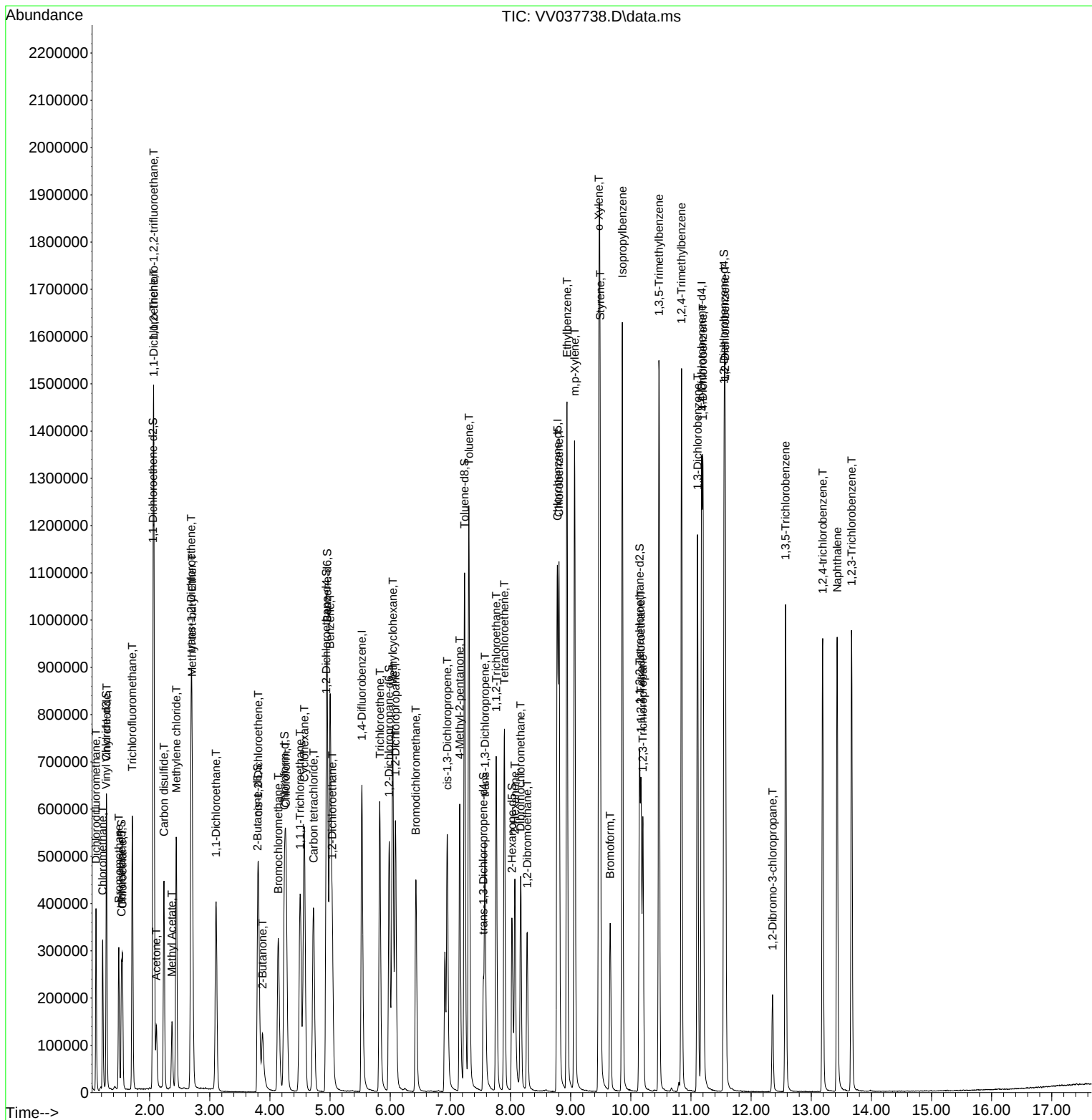
Instrument :
 MSVOA_V
 ClientSampleId :

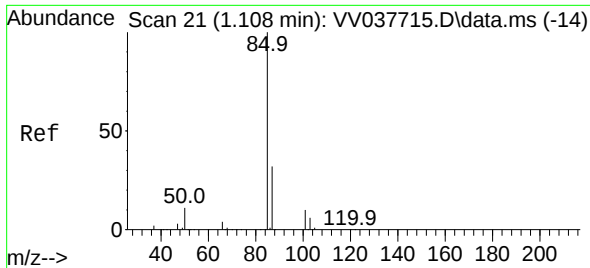
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	295787	52.367	ug/L	99
29) Cyclohexane	4.571	56	297379	45.824	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	352636	50.093	ug/L	100
31) Carbon tetrachloride	4.725	117	304337	49.726	ug/L	100
33) Benzene	5.002	78	865734	50.223	ug/L	100
34) Trichloroethene	5.828	95	222774	48.528	ug/L	99
35) Methylcyclohexane	6.043	83	323596	45.822	ug/L	98
37) 1,2-Dichloropropane	6.088	63	228780	51.397	ug/L	98
38) Bromodichloromethane	6.426	83	307220	51.630	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	333472	46.932	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	395315	109.074	ug/L	100
42) Toluene	7.310	91	921980	51.593	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	322103	50.351	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	226148	52.911	ug/L	99
46) Tetrachloroethene	7.899	164	168993	48.148	ug/L	99
48) 2-Hexanone	8.072	43	276007	97.939	ug/L	99
49) Dibromochloromethane	8.169	129	235636	52.090	ug/L	97
50) 1,2-Dibromoethane	8.278	107	225288	50.991	ug/L	99
51) Chlorobenzene	8.805	112	613104	50.358	ug/L	99
52) Ethylbenzene	8.940	91	1014538	50.435	ug/L	98
53) m,p-Xylene	9.066	106	383304	51.200	ug/L	99
54) o-Xylene	9.471	106	374246	51.204	ug/L	98
55) Styrene	9.490	104	685622	53.885	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	316961	53.190	ug/L	97
59) Bromoform	9.657	173	158032	51.019	ug/L	98
60) Isopropylbenzene	9.860	105	1019064	49.459	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	232490	51.554	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	800953	49.169	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	790741	48.787	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	487068	49.112	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	503935	48.798	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	482274	49.191	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	52235	47.716	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	316938	46.471	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	286042	45.205	ug/L	100
71) Naphthalene	13.432	128	761201	46.044	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	290556	46.498	ug/L	99

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

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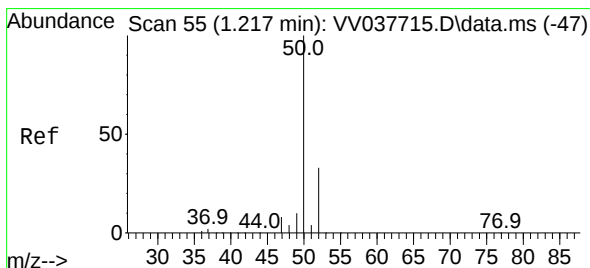
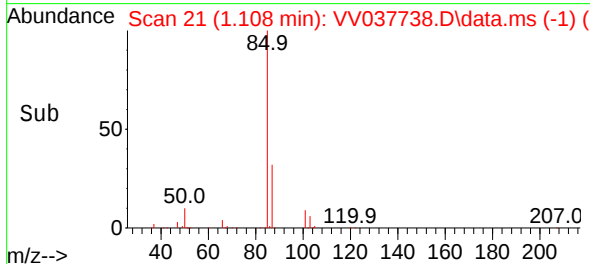
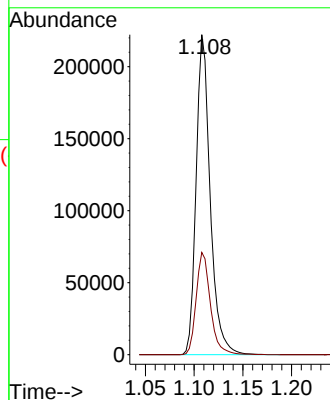
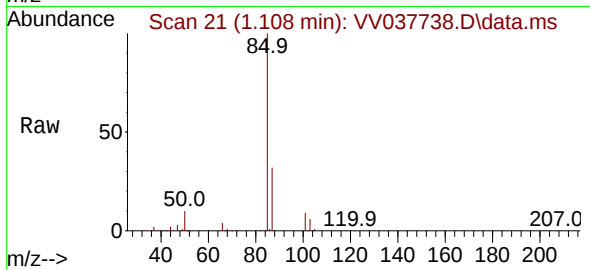




#2
 Dichlorodifluoromethane
 Concen: 45.827 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037738.D
 Acq: 11 Oct 2024 17:41

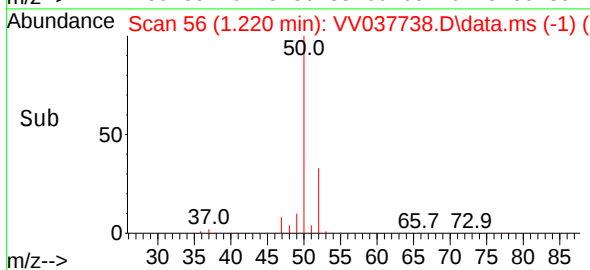
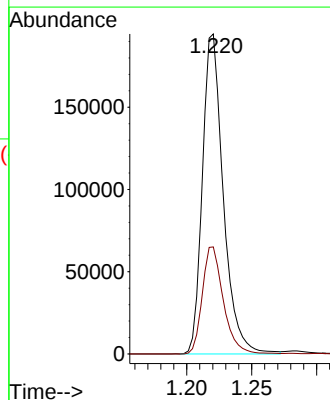
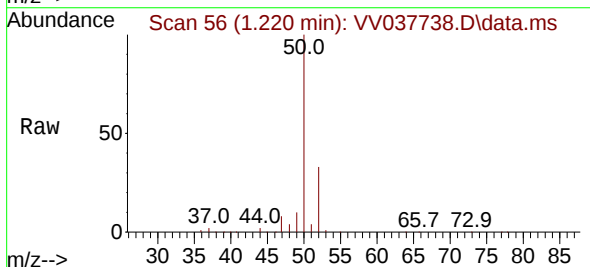
Instrument :
 MSVOA_V
 ClientSampleId :

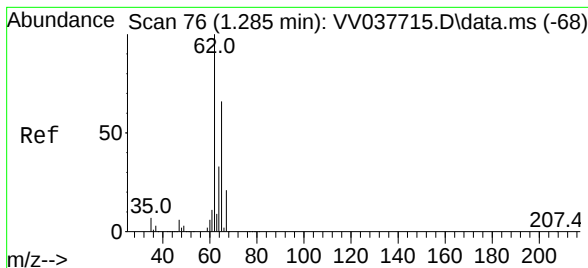
Tgt Ion: 85 Resp: 223417
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 46.090 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV037738.D
 Acq: 11 Oct 2024 17:41

Tgt Ion: 50 Resp: 218149
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2





#5

Vinyl chloride

Concen: 46.998 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

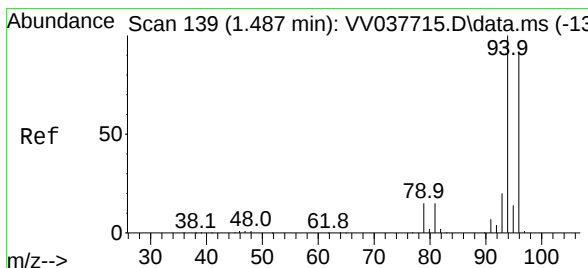
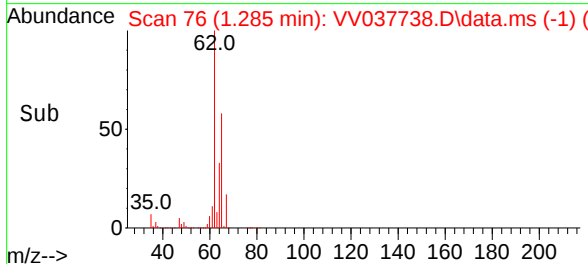
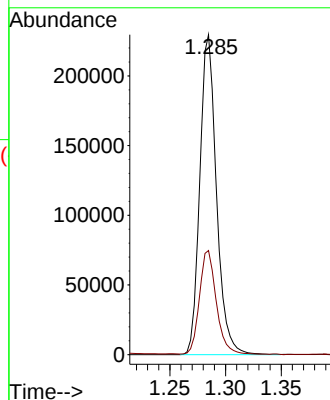
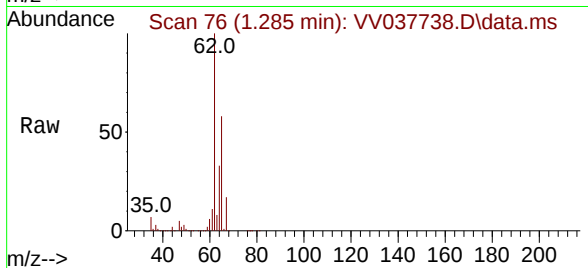
ClientSampleId :

Tgt Ion: 62 Resp: 238478

Ion Ratio Lower Upper

62 100

64 32.5 23.2 43.0



#6

Bromomethane

Concen: 47.107 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV037738.D

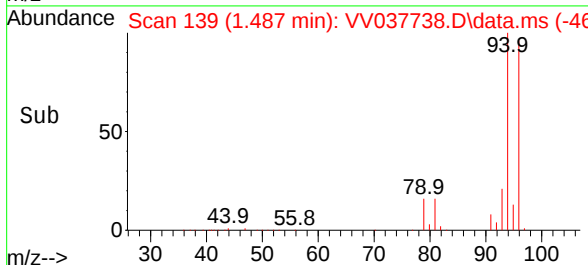
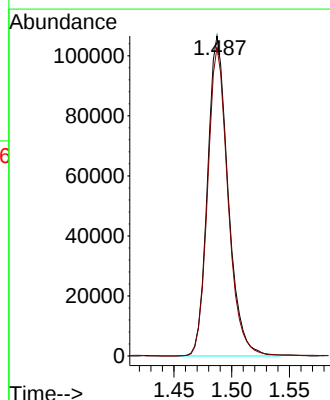
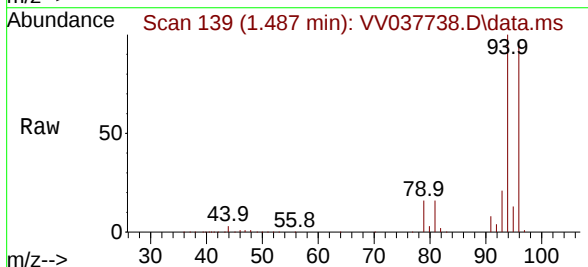
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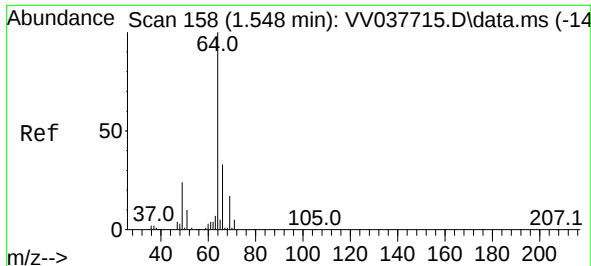
Tgt Ion: 94 Resp: 132651

Ion Ratio Lower Upper

94 100

96 96.5 65.8 122.2

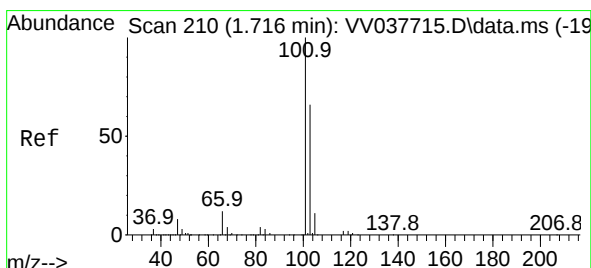
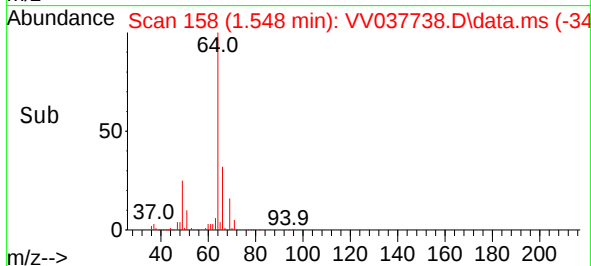
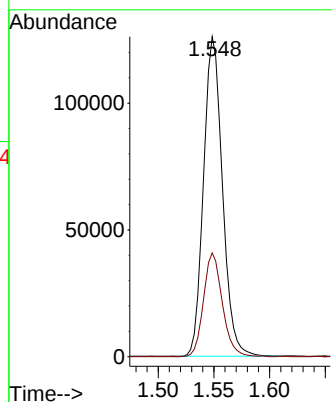
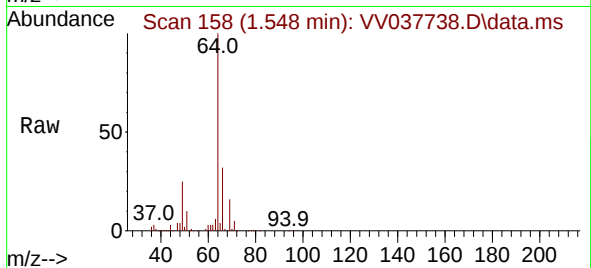




#8
Chloroethane
Concen: 47.573 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

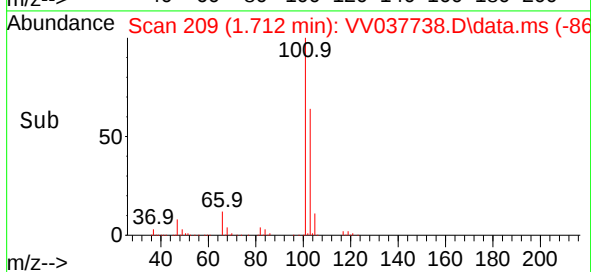
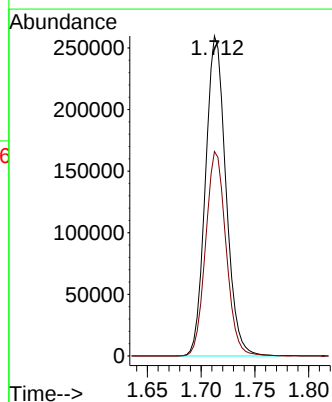
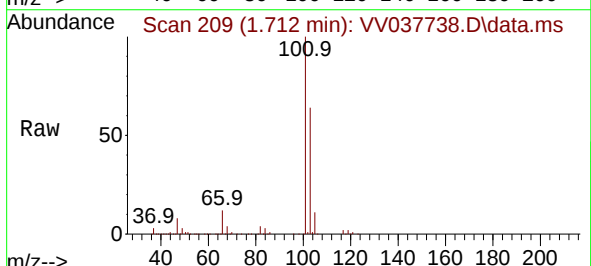
Instrument :
MSVOA_V
ClientSampleId :

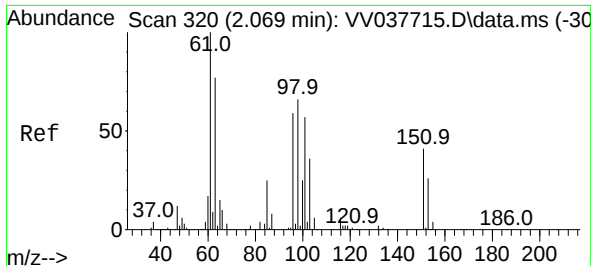
Tgt Ion: 64 Resp: 148787
Ion Ratio Lower Upper
64 100
66 32.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 50.271 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

Tgt Ion:101 Resp: 343363
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

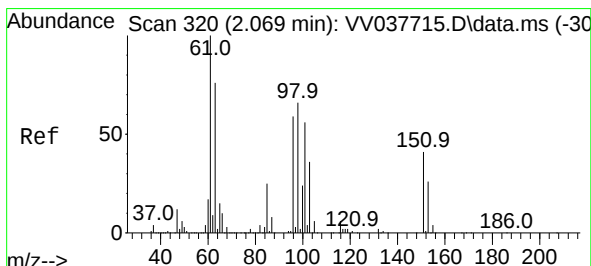
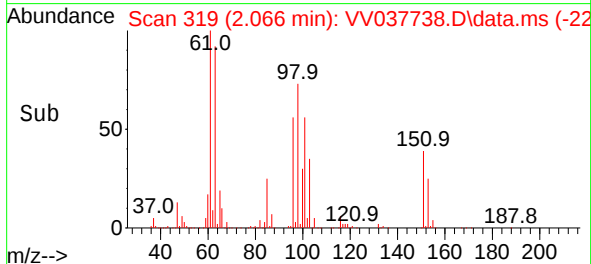
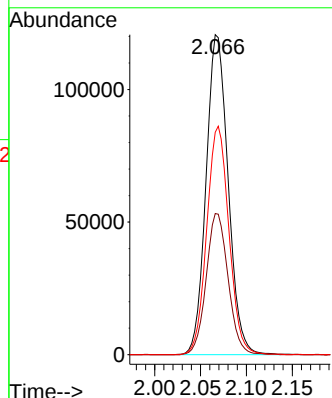
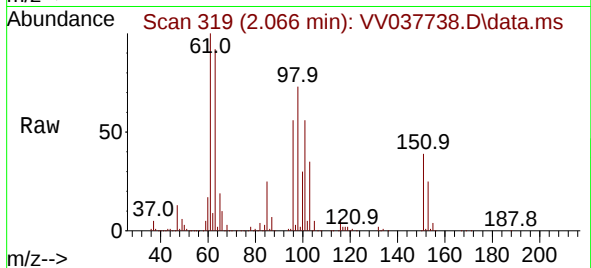




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.593 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

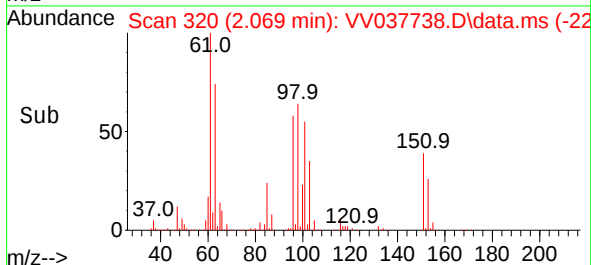
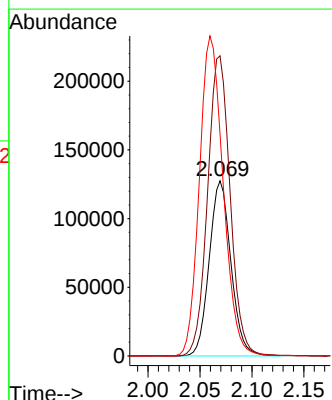
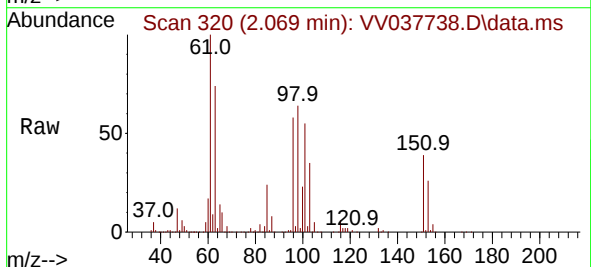
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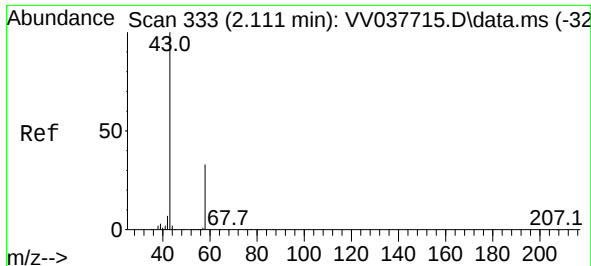
Tgt Ion:101 Resp: 202414
Ion Ratio Lower Upper
101 100
85 43.8 34.6 52.0
151 71.7 57.5 86.3



#12
1,1-Dichloroethene
Concen: 48.523 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

Tgt Ion: 96 Resp: 184998
Ion Ratio Lower Upper
96 100
61 171.3 122.6 227.6
63 126.6 118.0 219.2





#13

Acetone

Concen: 73.762 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

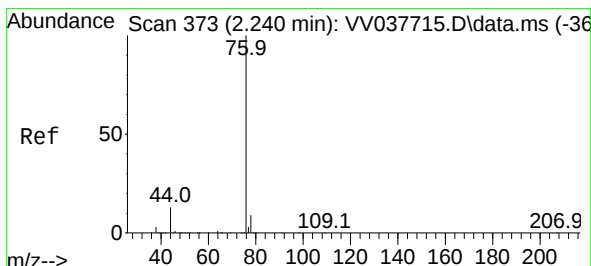
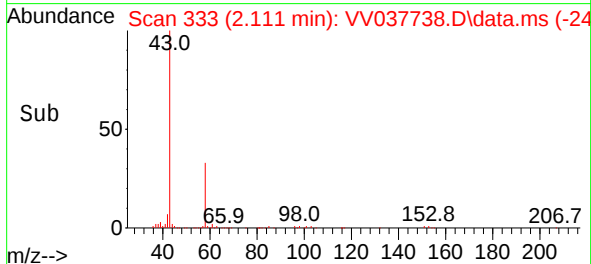
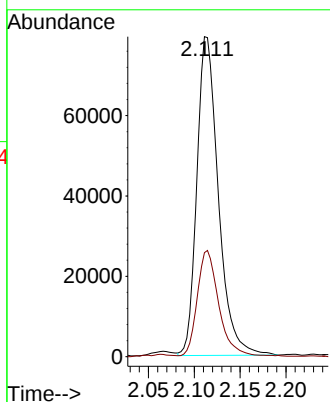
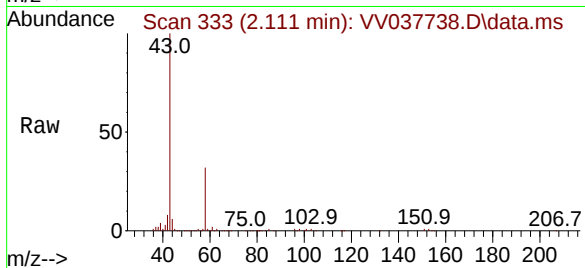
ClientSampleId :

Tgt Ion: 43 Resp: 129477

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.6



#14

Carbon disulfide

Concen: 41.642 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037738.D

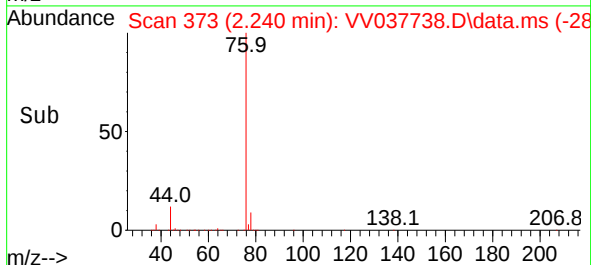
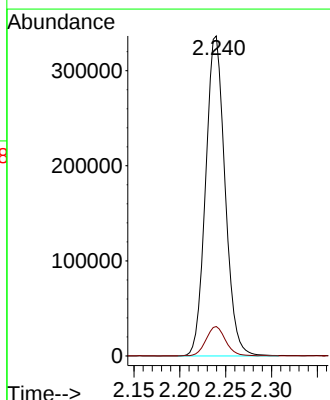
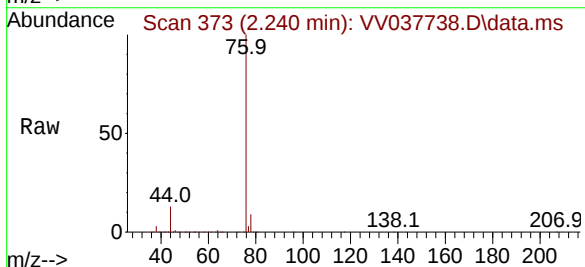
Acq: 11 Oct 2024 17:41

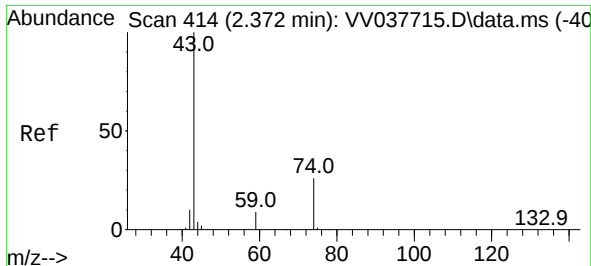
Tgt Ion: 76 Resp: 495573

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 49.939 ug/L

RT: 2.372 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

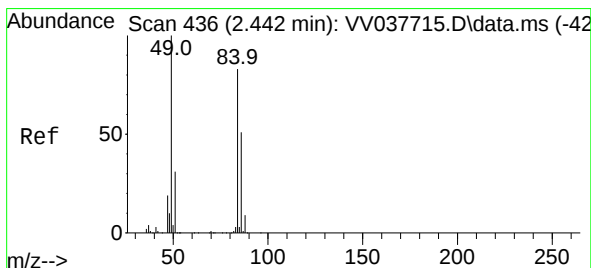
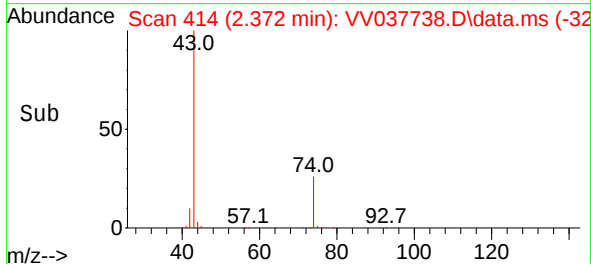
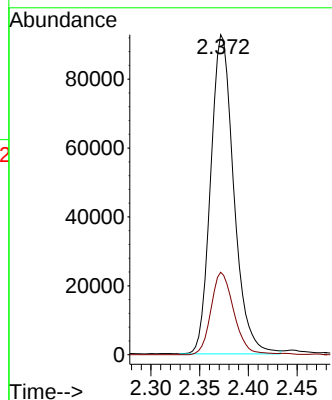
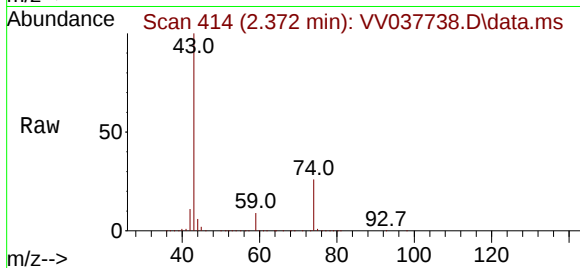
ClientSampleId :

Tgt Ion: 43 Resp: 152976

Ion Ratio Lower Upper

43 100

74 25.5 19.4 29.0



#16

Methylene chloride

Concen: 49.536 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

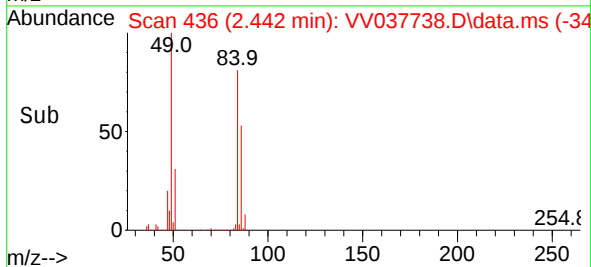
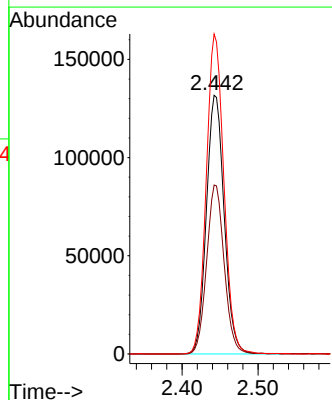
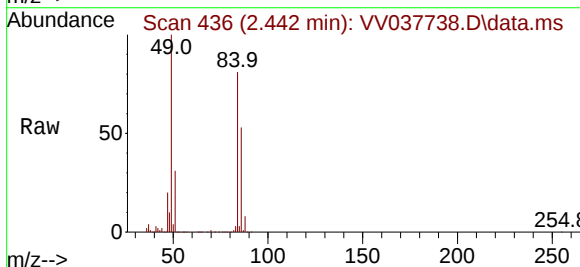
Tgt Ion: 84 Resp: 213842

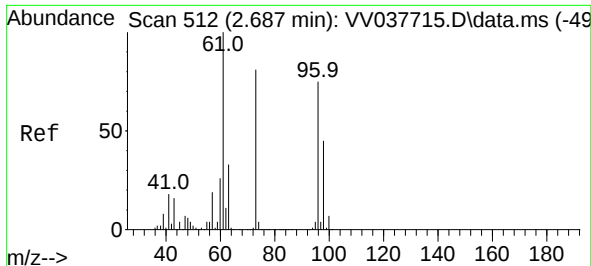
Ion Ratio Lower Upper

84 100

86 65.3 46.4 86.2

49 123.7 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 47.894 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

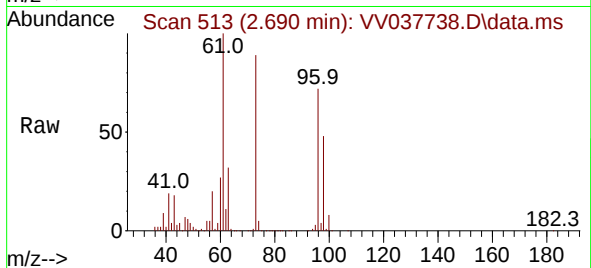
Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :



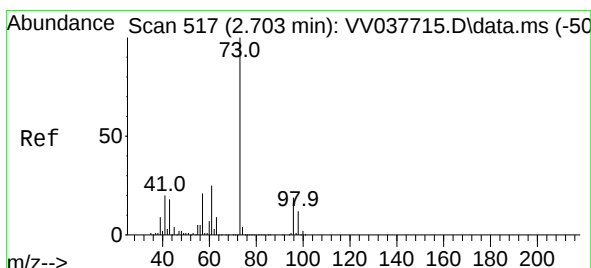
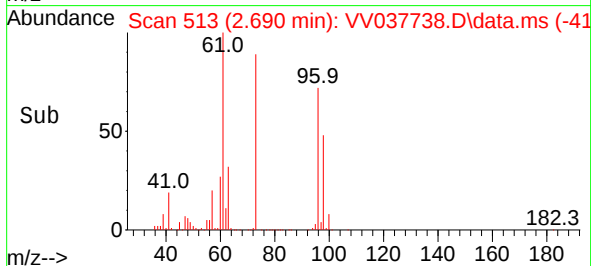
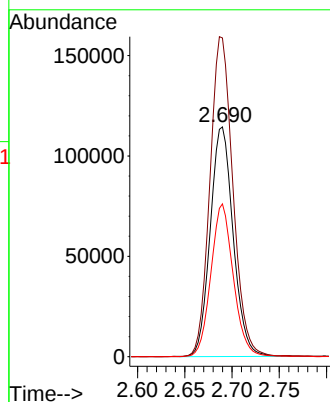
Tgt Ion: 96 Resp: 193173

Ion Ratio Lower Upper

96 100

61 138.8 97.3 180.7

98 66.5 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 52.904 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

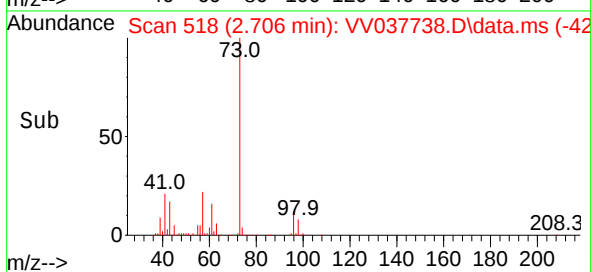
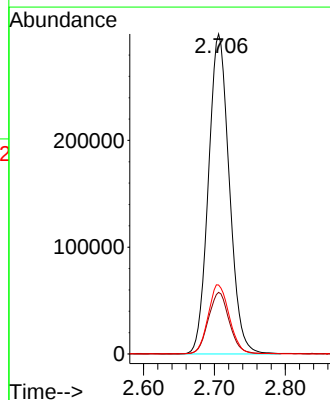
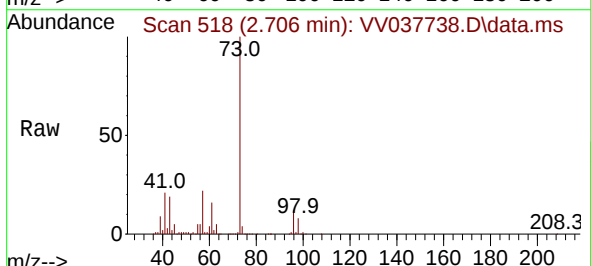
Tgt Ion: 73 Resp: 612188

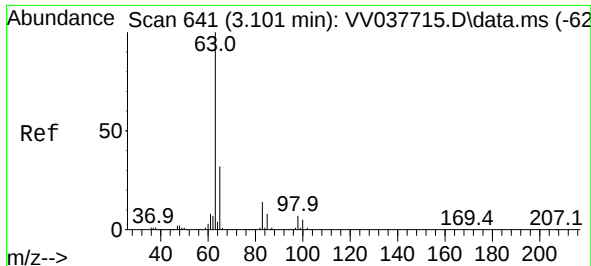
Ion Ratio Lower Upper

73 100

43 19.2 15.1 22.7

57 22.0 17.4 26.2

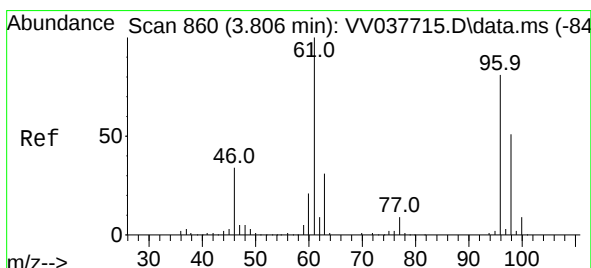
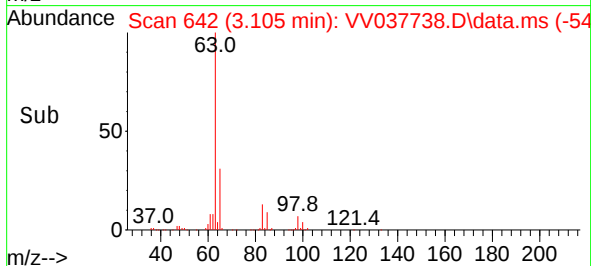
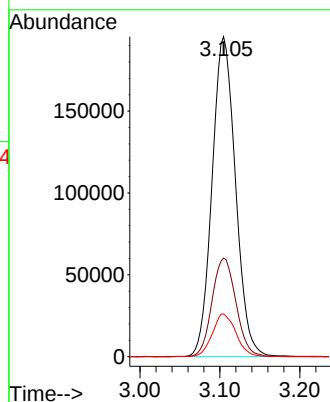
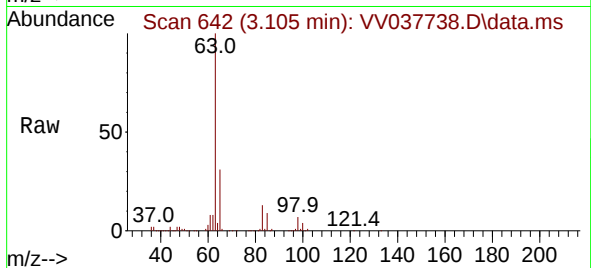




#19
1,1-Dichloroethane
Concen: 51.318 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

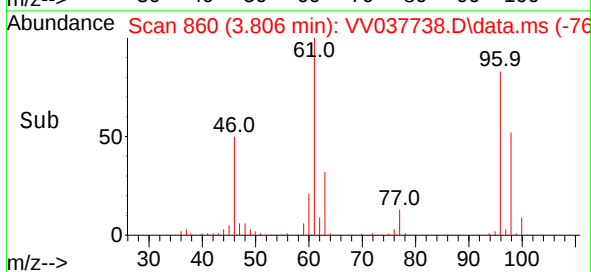
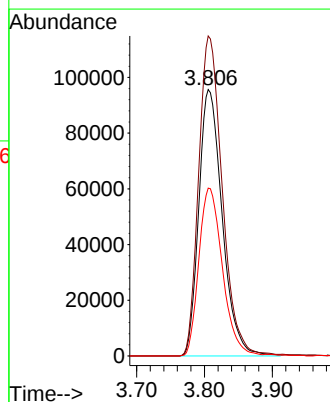
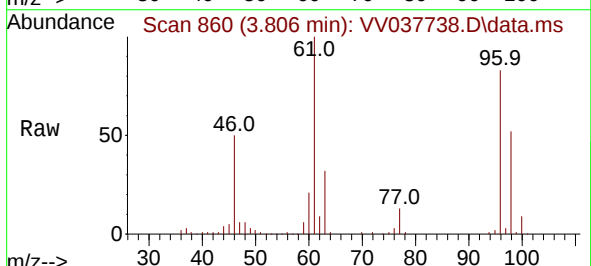
Instrument :
MSVOA_V
ClientSampleId :

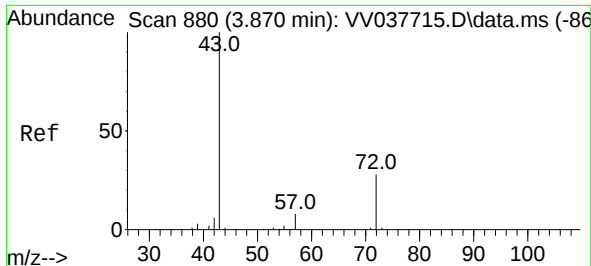
Tgt Ion: 63 Resp: 396573
Ion Ratio Lower Upper
63 100
65 30.8 22.4 41.6
83 13.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.927 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

Tgt Ion: 96 Resp: 229861
Ion Ratio Lower Upper
96 100
61 120.1 85.0 157.8
98 63.0 44.2 82.0





#22

2-Butanone

Concen: 91.579 ug/L

RT: 3.876 min Scan# 880

Delta R.T. 0.006 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

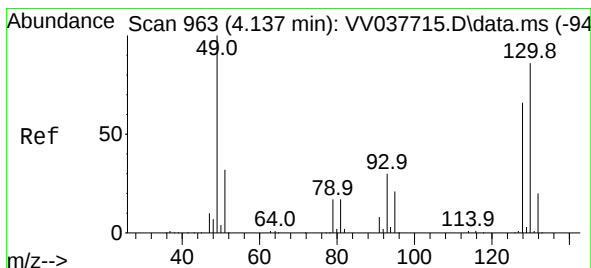
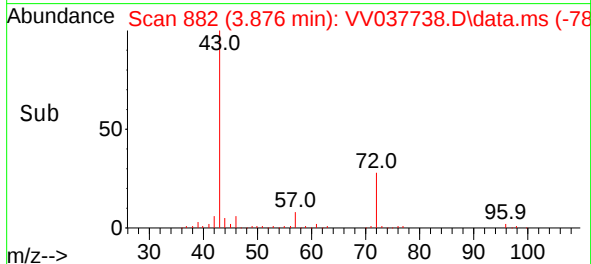
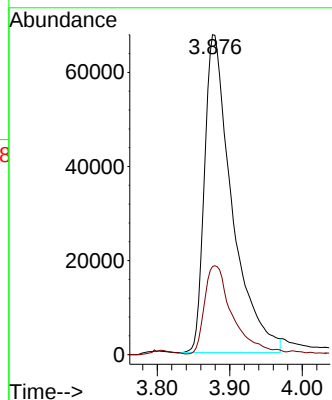
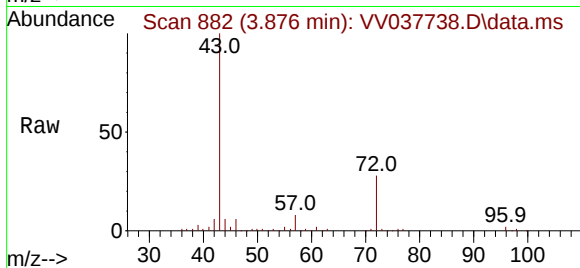
ClientSampleId :

Tgt Ion: 43 Resp: 177925

Ion Ratio Lower Upper

43 100

72 27.8 14.3 42.9



#23

Bromochloromethane

Concen: 52.194 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Tgt Ion:128 Resp: 121861

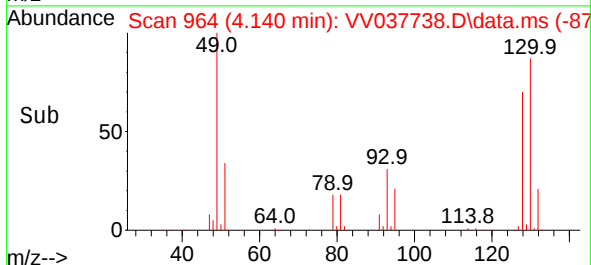
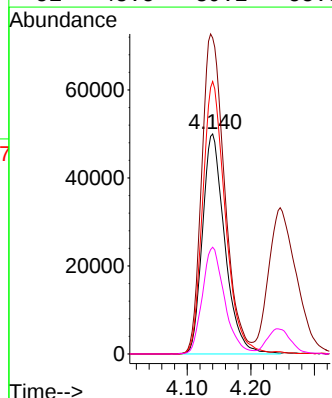
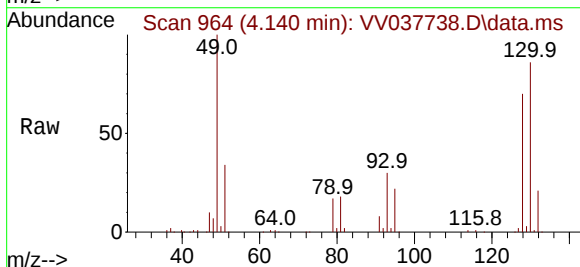
Ion Ratio Lower Upper

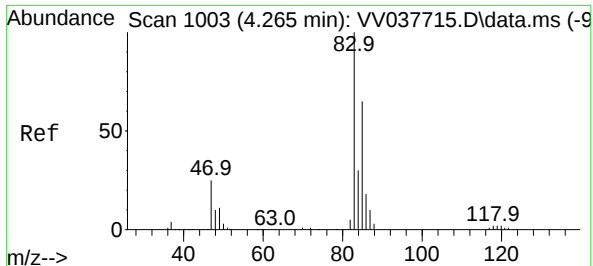
128 100

49 143.7 108.7 201.9

130 123.8 90.4 168.0

51 48.5 39.2 58.8





#25

Chloroform

Concen: 52.269 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

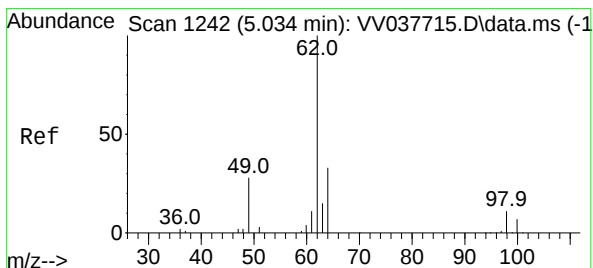
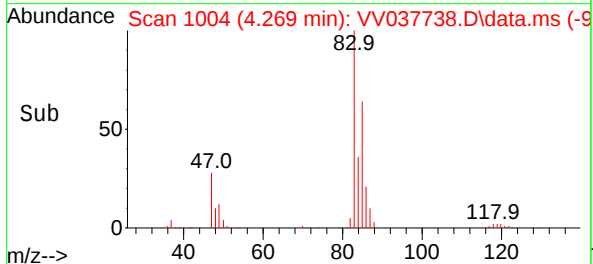
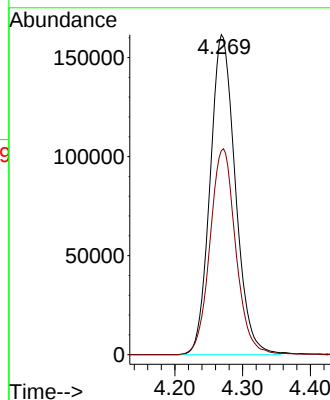
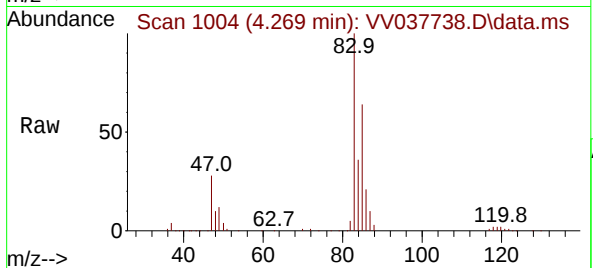
ClientSampleId :

Tgt Ion: 83 Resp: 418207

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.367 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037738.D

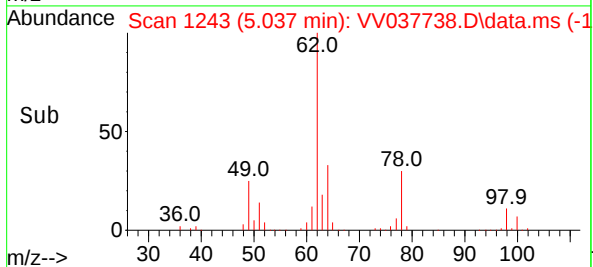
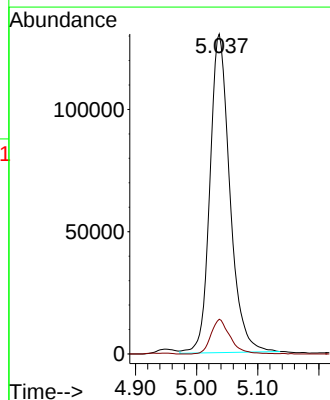
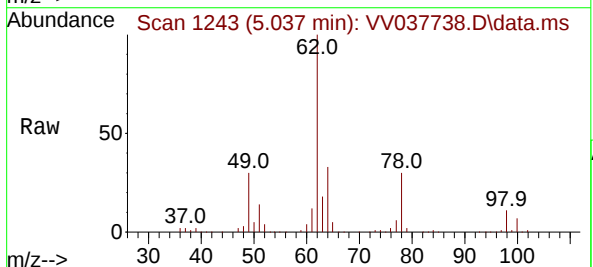
Acq: 11 Oct 2024 17:41

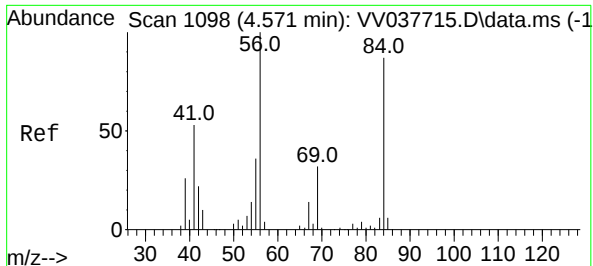
Tgt Ion: 62 Resp: 295787

Ion Ratio Lower Upper

62 100

98 10.9 8.4 12.6





#29

Cyclohexane

Concen: 45.824 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

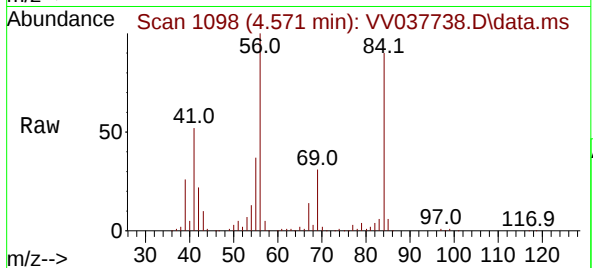
Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :



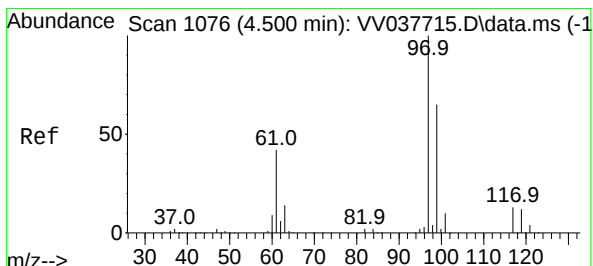
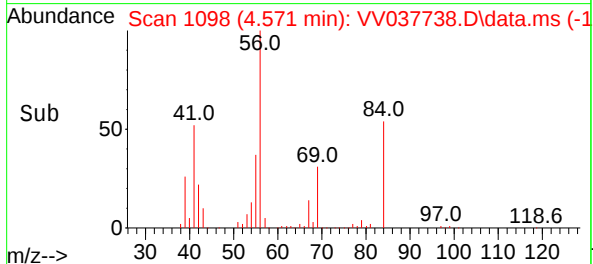
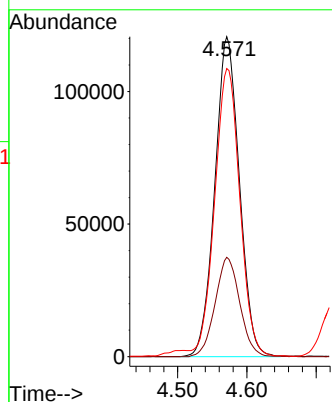
Tgt Ion: 56 Resp: 297379

Ion Ratio Lower Upper

56 100

69 31.1 24.7 37.1

84 91.6 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 50.093 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

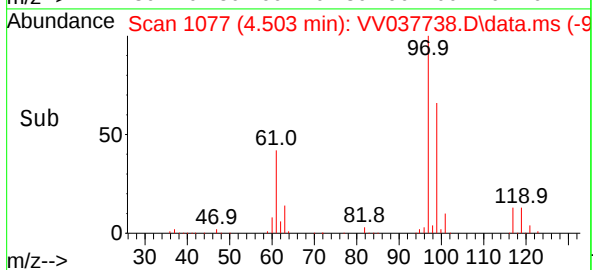
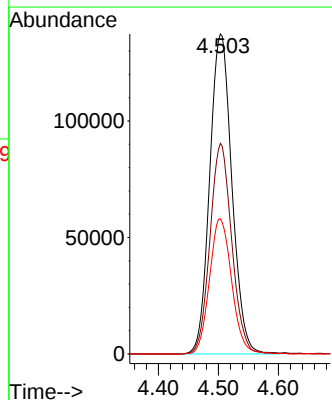
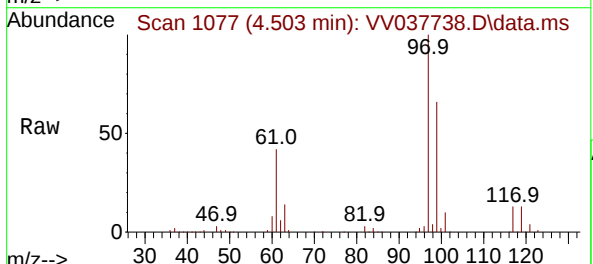
Tgt Ion: 97 Resp: 352636

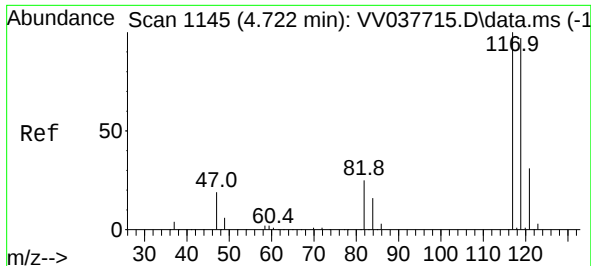
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 42.3 33.6 50.4

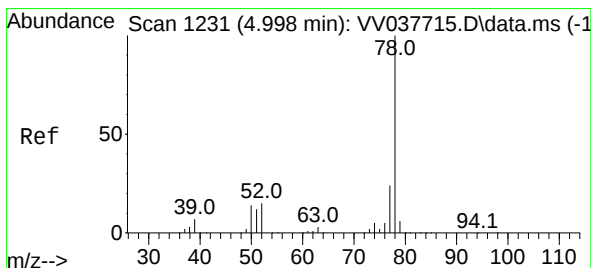
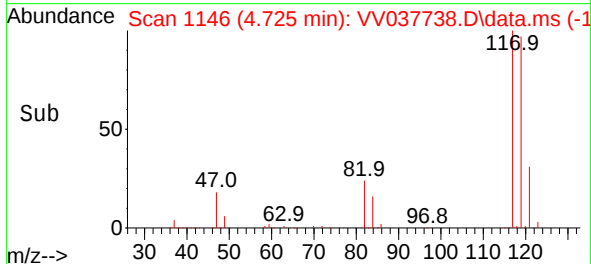
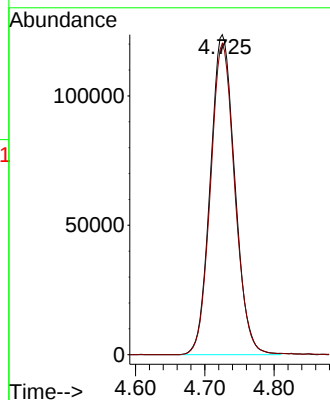
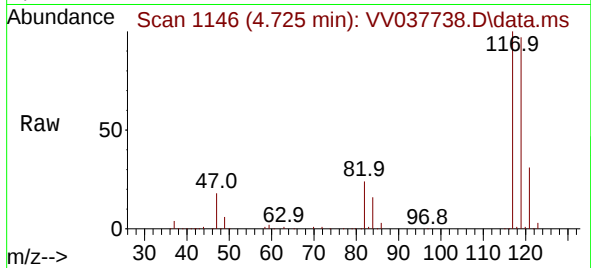




#31
Carbon tetrachloride
Concen: 49.726 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

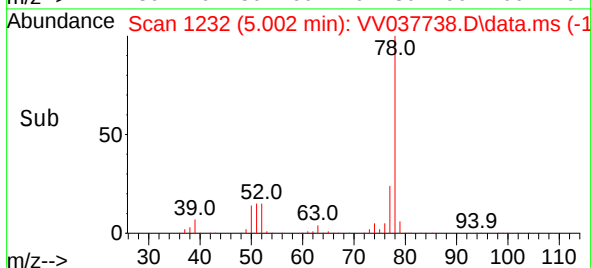
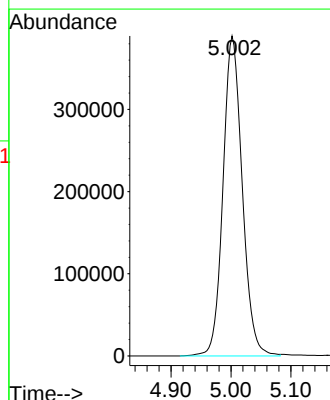
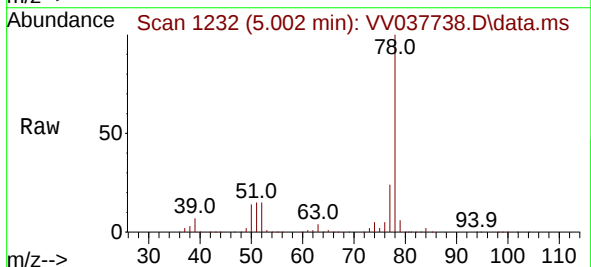
Instrument :
MSVOA_V
ClientSampleId :

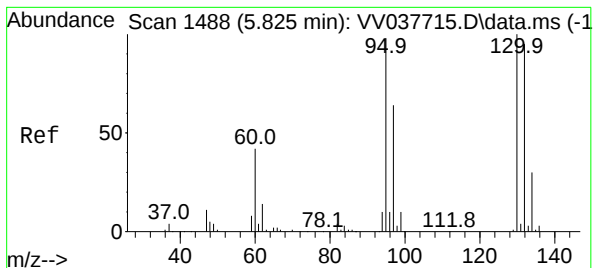
Tgt Ion:117 Resp: 304337
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 50.223 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

Tgt Ion: 78 Resp: 865734





#34

Trichloroethene

Concen: 48.528 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 222774

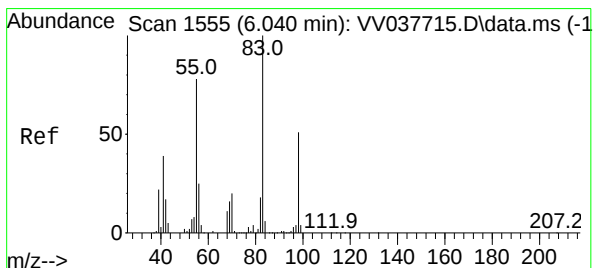
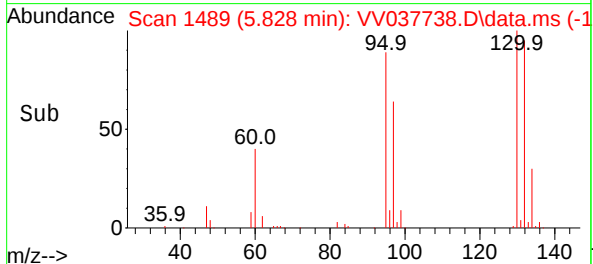
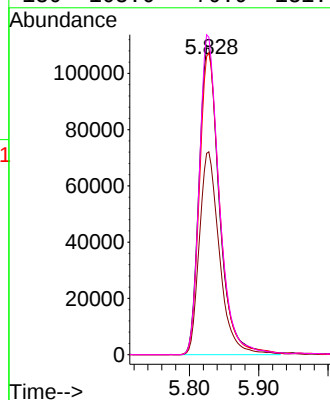
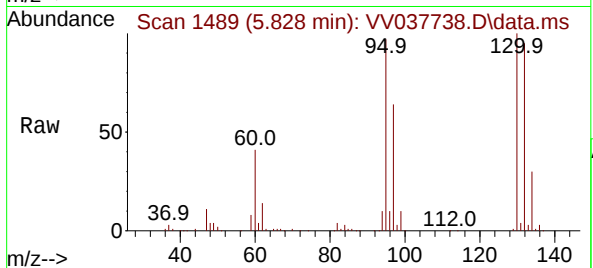
Ion Ratio Lower Upper

95 100

97 66.2 46.3 85.9

132 98.5 68.6 127.4

130 103.6 70.9 131.7



#35

Methylcyclohexane

Concen: 45.822 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

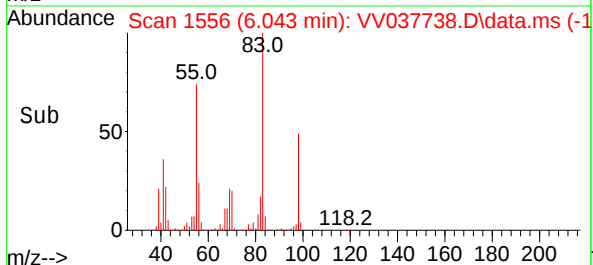
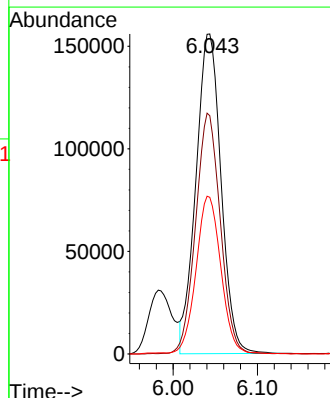
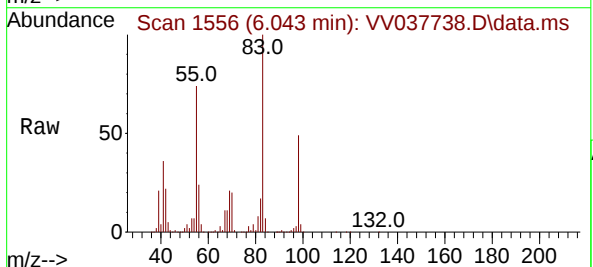
Tgt Ion: 83 Resp: 323596

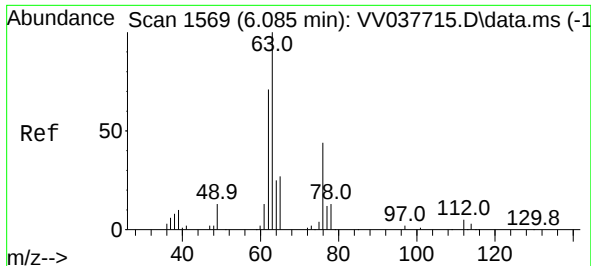
Ion Ratio Lower Upper

83 100

55 73.8 57.9 86.9

98 48.0 39.3 58.9

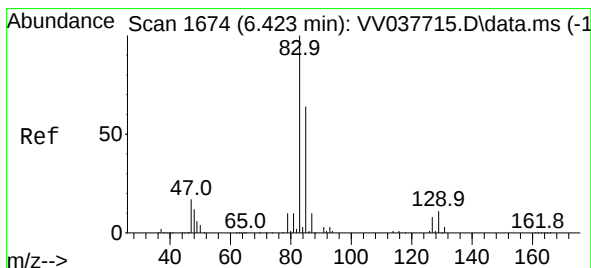
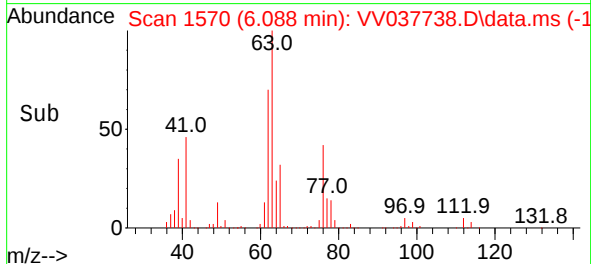
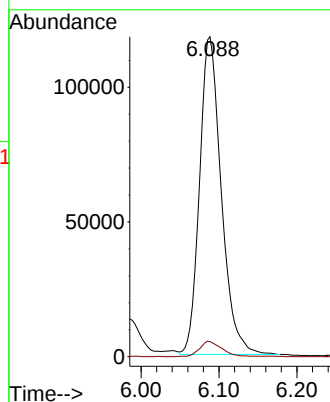
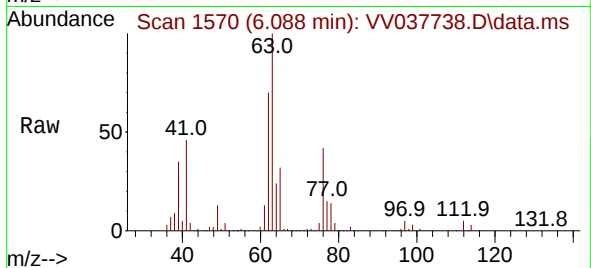




#37
1,2-Dichloropropane
Concen: 51.397 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

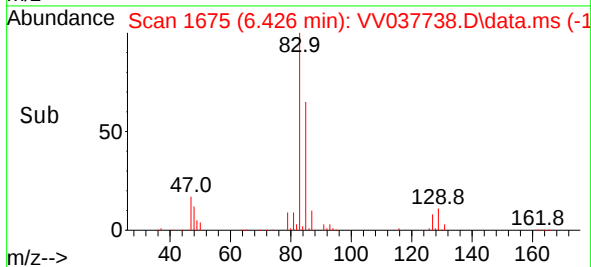
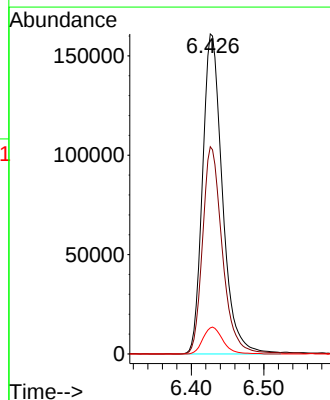
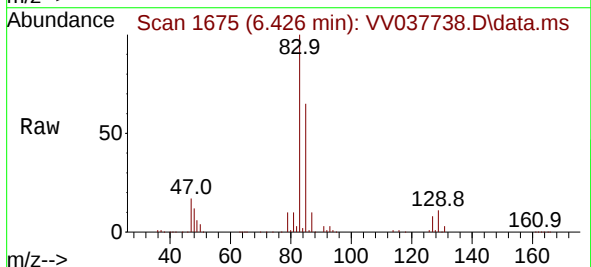
Instrument :
MSVOA_V
ClientSampleId :

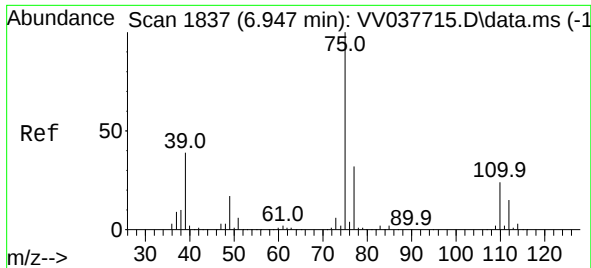
Tgt Ion: 63 Resp: 228780
Ion Ratio Lower Upper
63 100
112 5.0 3.5 5.3



#38
Bromodichloromethane
Concen: 51.630 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

Tgt Ion: 83 Resp: 307220
Ion Ratio Lower Upper
83 100
85 64.7 45.7 84.9
127 8.2 7.0 10.4

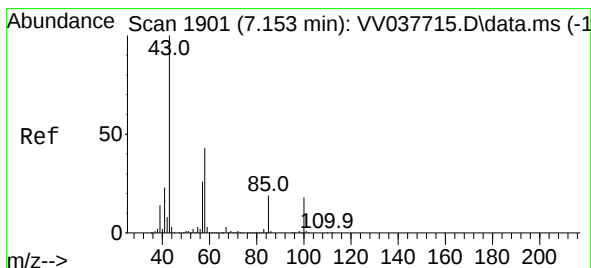
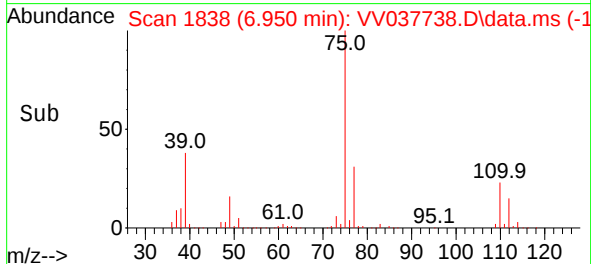
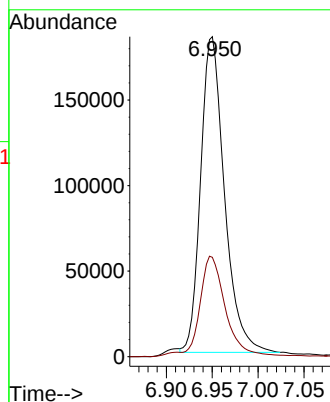
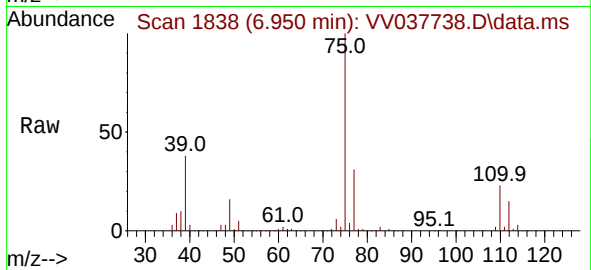




#39
 cis-1,3-Dichloropropene
 Concen: 46.932 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV037738.D
 Acq: 11 Oct 2024 17:41

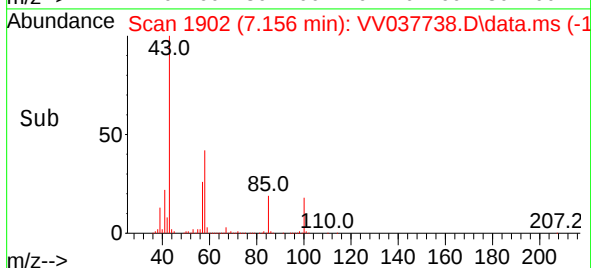
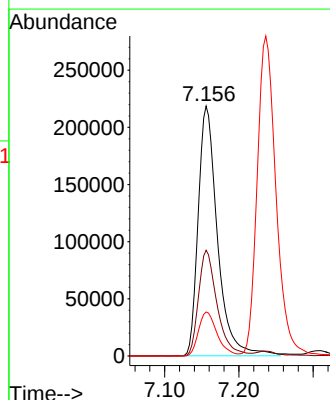
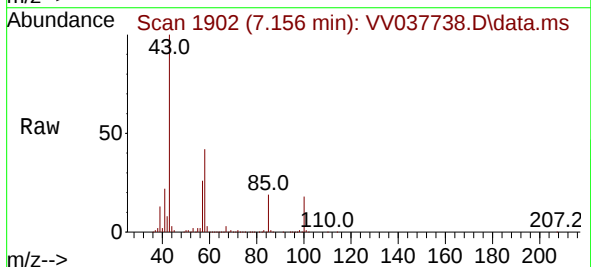
Instrument :
 MSVOA_V
 ClientSampleId :

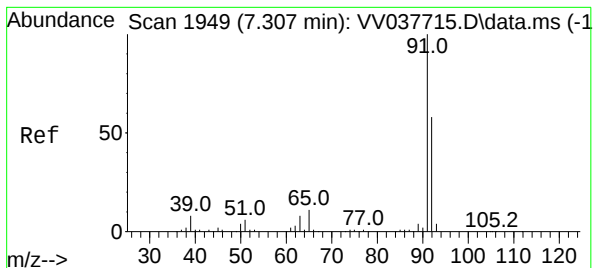
Tgt Ion: 75 Resp: 333472
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 109.074 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV037738.D
 Acq: 11 Oct 2024 17:41

Tgt Ion: 43 Resp: 395315
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.0 49.4
 100 17.1 13.7 20.5





#42

Toluene

Concen: 51.593 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

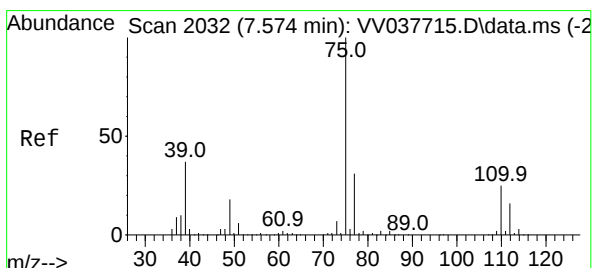
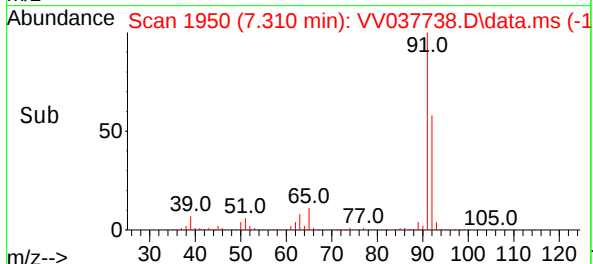
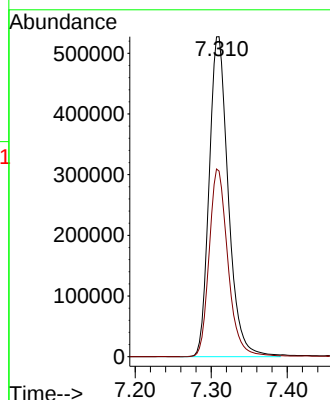
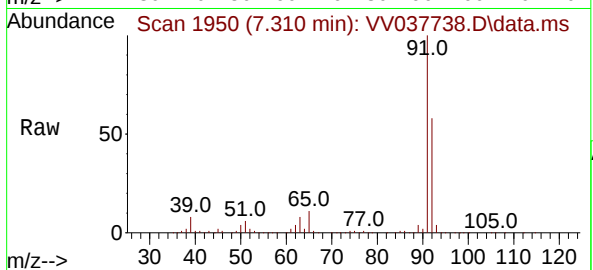
ClientSampleId :

Tgt Ion: 91 Resp: 921980

Ion Ratio Lower Upper

91 100

92 58.0 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 50.351 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037738.D

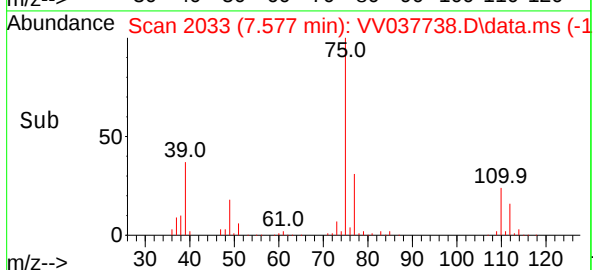
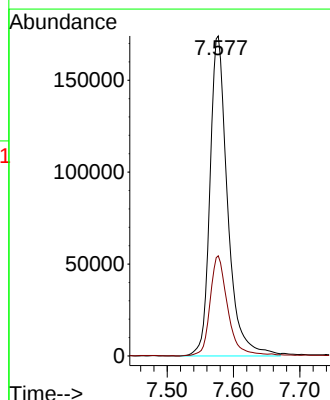
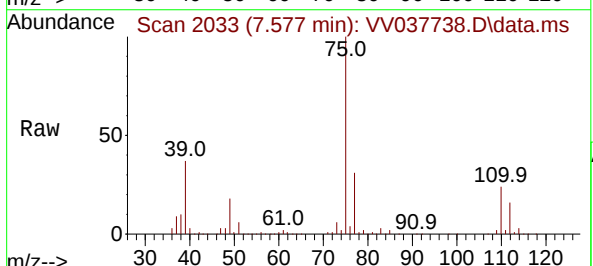
Acq: 11 Oct 2024 17:41

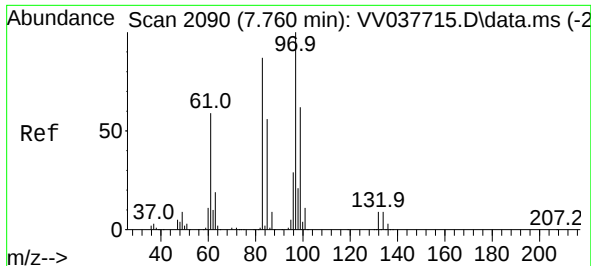
Tgt Ion: 75 Resp: 322103

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 52.911 ug/L

RT: 7.764 min Scan# 2090

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 226148

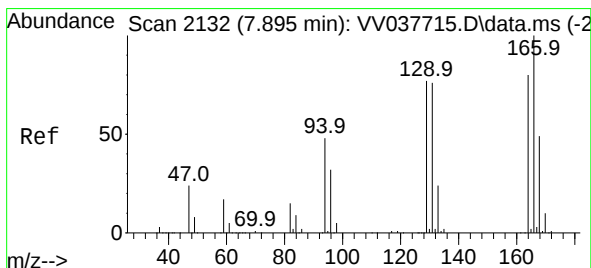
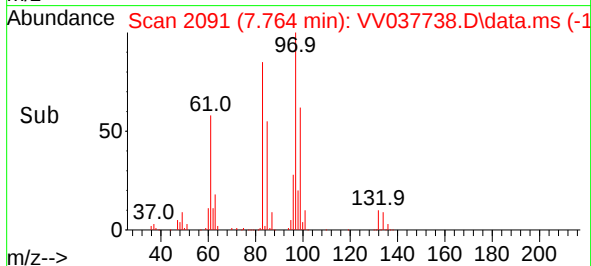
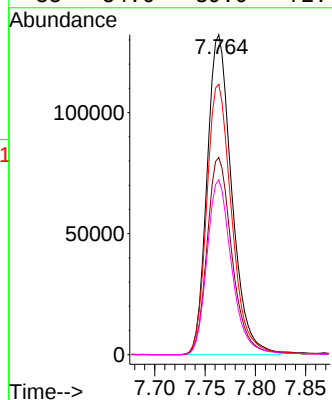
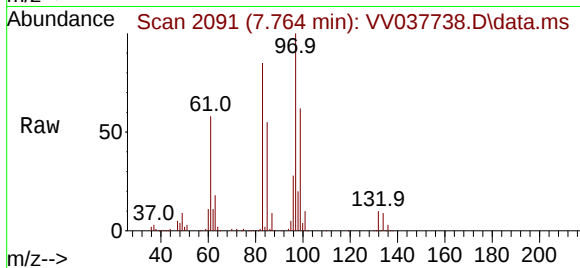
Ion Ratio Lower Upper

97 100

99 61.7 44.1 81.9

83 84.5 59.3 110.1

85 54.6 39.0 72.4



#46

Tetrachloroethene

Concen: 48.148 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Tgt Ion: 164 Resp: 168993

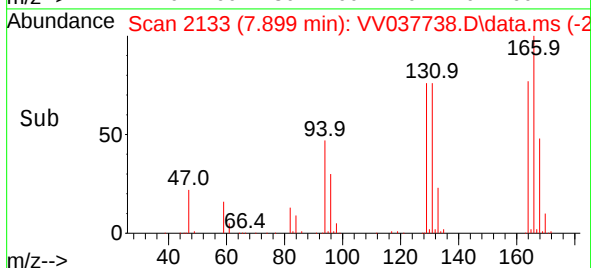
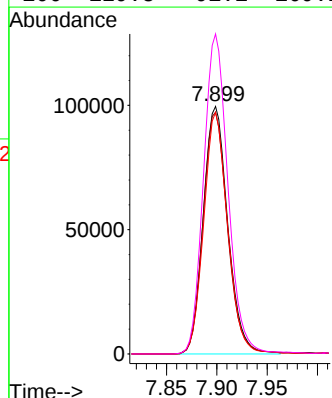
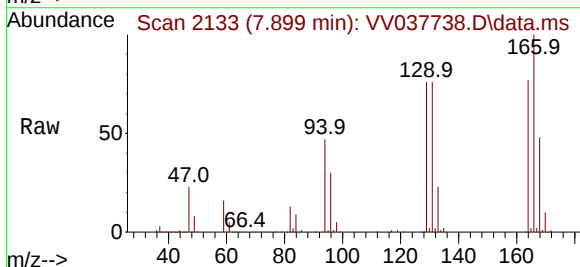
Ion Ratio Lower Upper

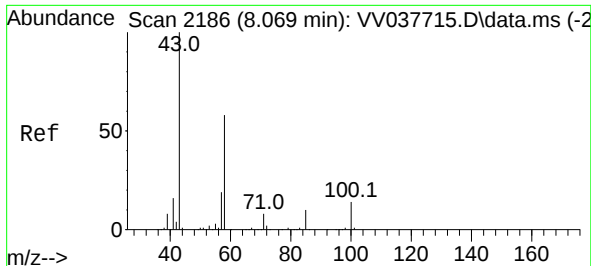
164 100

129 97.7 68.2 126.6

131 97.6 66.1 122.8

166 129.3 91.1 169.1

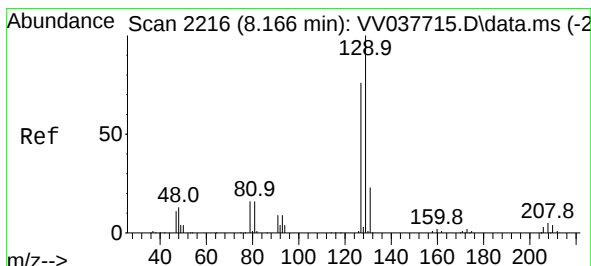
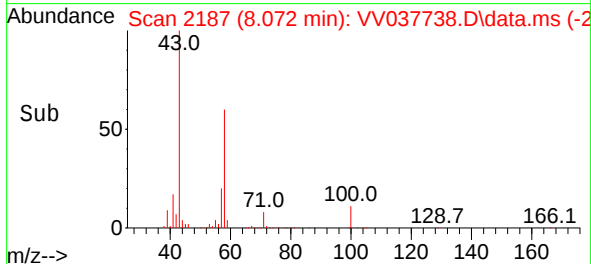
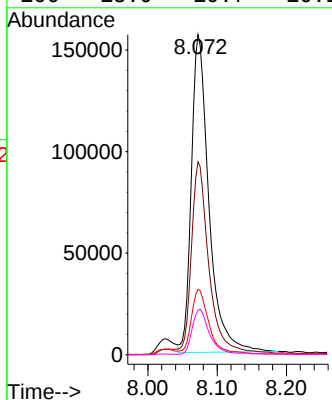
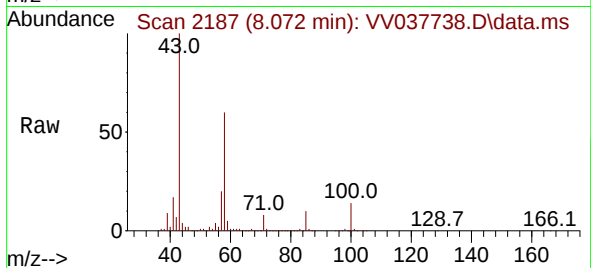




#48
2-Hexanone
Concen: 97.939 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

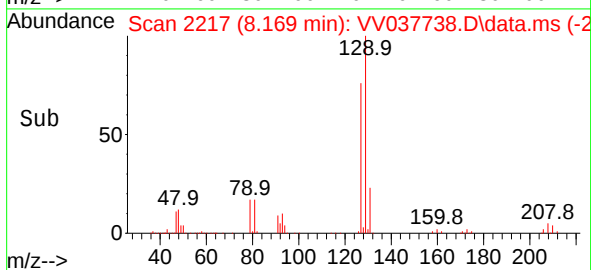
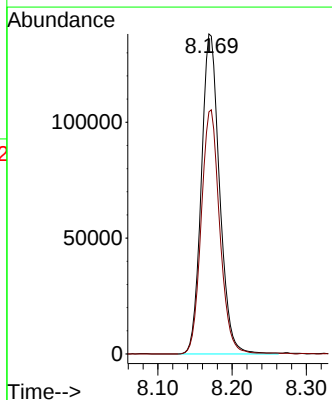
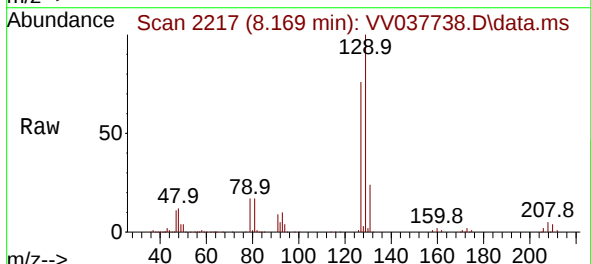
Instrument :
MSVOA_V
ClientSampleId :

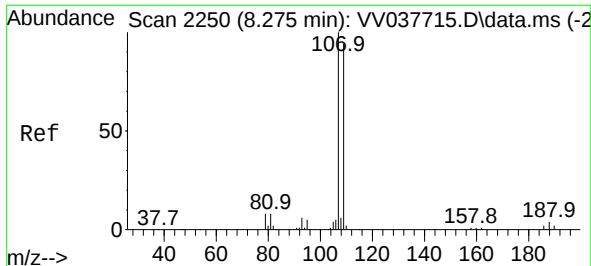
Tgt Ion: 43 Resp: 276007
Ion Ratio Lower Upper
43 100
58 59.0 46.5 69.7
57 18.6 15.1 22.7
100 13.9 10.7 16.1



#49
Dibromochloromethane
Concen: 52.090 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

Tgt Ion: 129 Resp: 235636
Ion Ratio Lower Upper
129 100
127 75.7 54.9 101.9

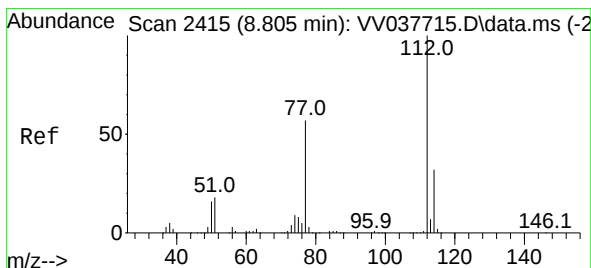
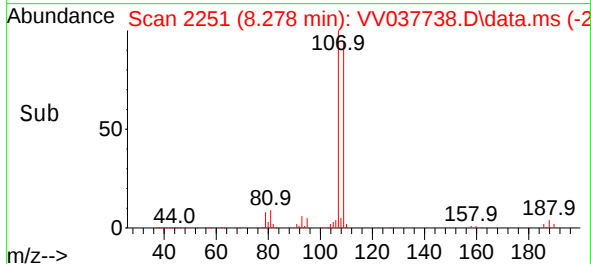
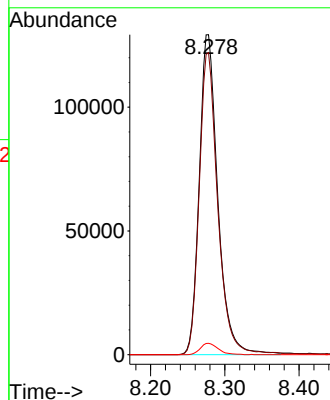
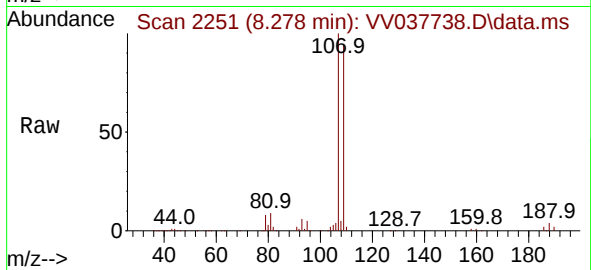




#50
1,2-Dibromoethane
Concen: 50.991 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

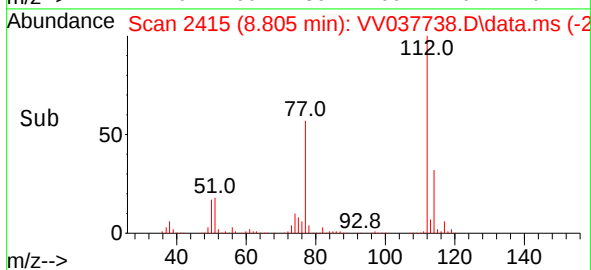
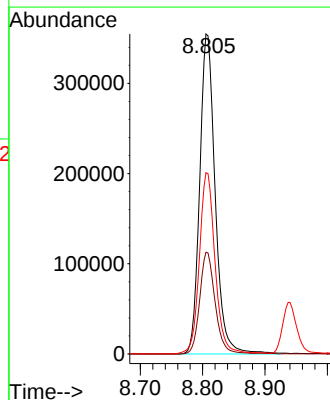
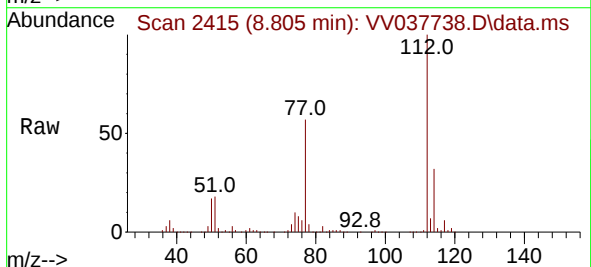
Instrument :
MSVOA_V
ClientSampleId :

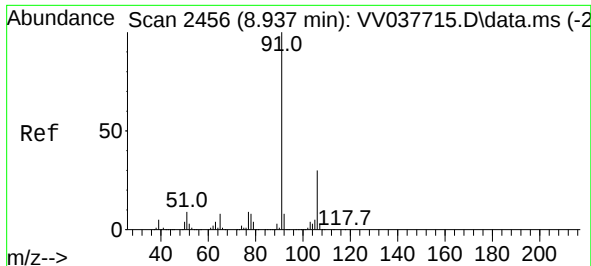
Tgt Ion:107 Resp: 225288
Ion Ratio Lower Upper
107 100
109 94.4 65.7 121.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 50.358 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

Tgt Ion:112 Resp: 613104
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 56.7 45.8 68.8





#52

Ethylbenzene

Concen: 50.435 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

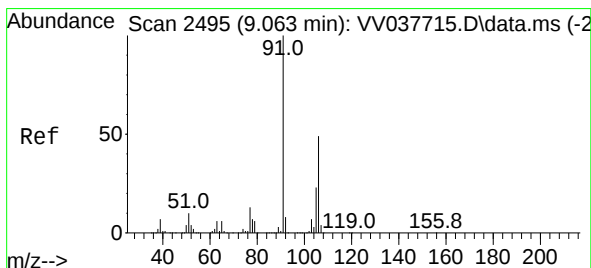
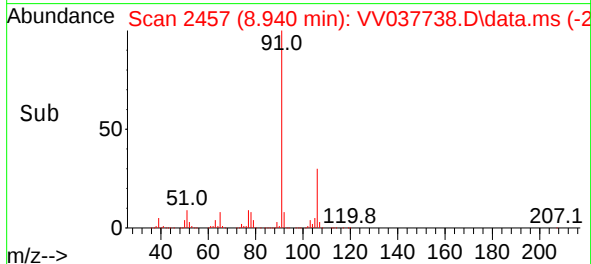
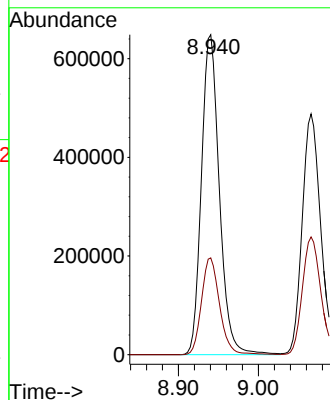
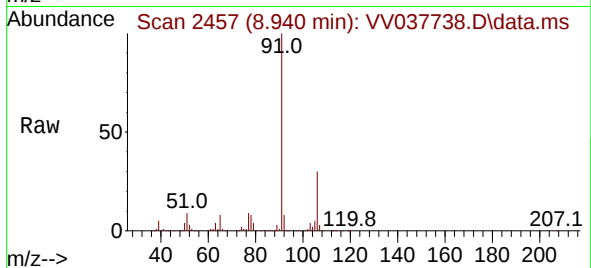
ClientSampleId :

Tgt Ion: 91 Resp: 1014538

Ion Ratio Lower Upper

91 100

106 30.3 21.9 40.7



#53

m,p-Xylene

Concen: 51.200 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037738.D

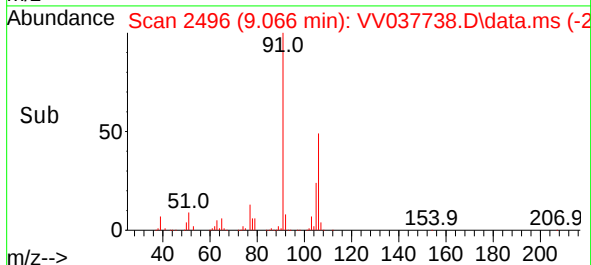
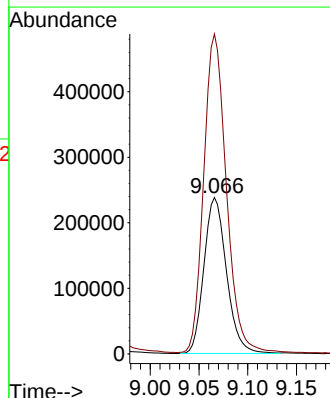
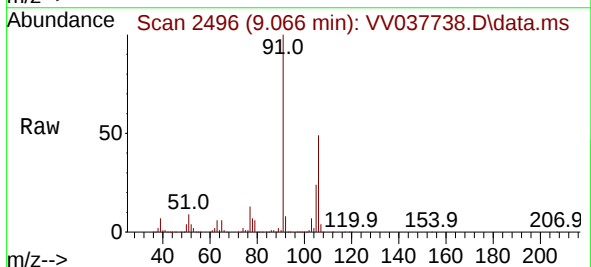
Acq: 11 Oct 2024 17:41

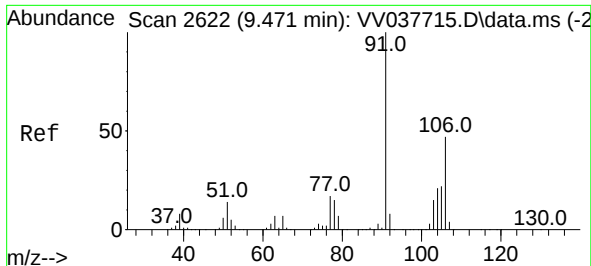
Tgt Ion:106 Resp: 383304

Ion Ratio Lower Upper

106 100

91 204.5 142.0 263.6

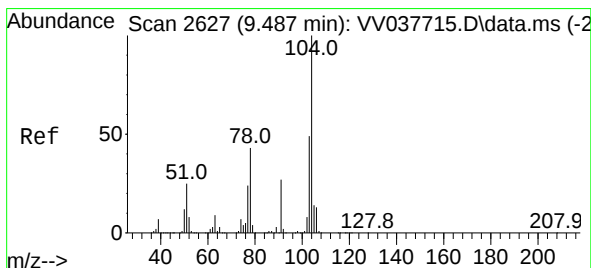
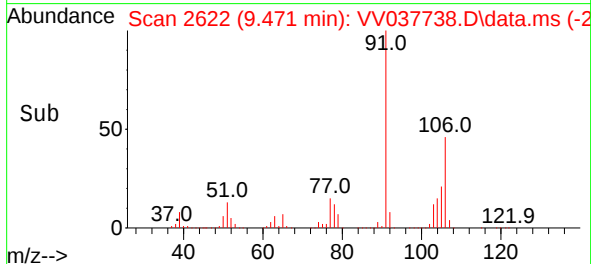
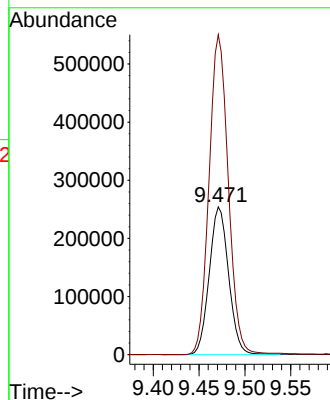
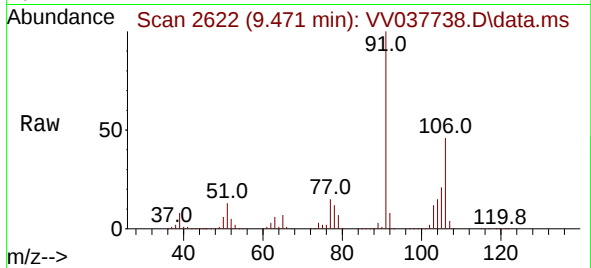




#54
o-Xylene
Concen: 51.204 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

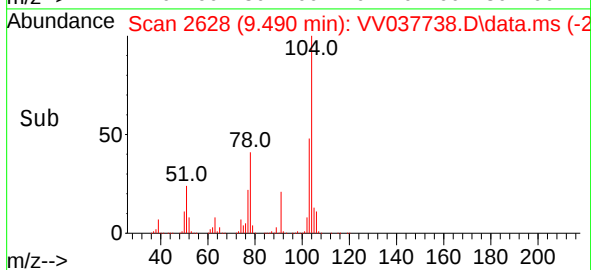
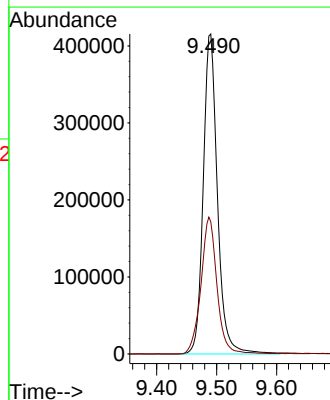
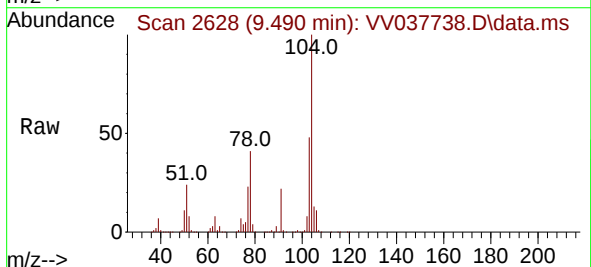
Instrument :
MSVOA_V
ClientSampleId :

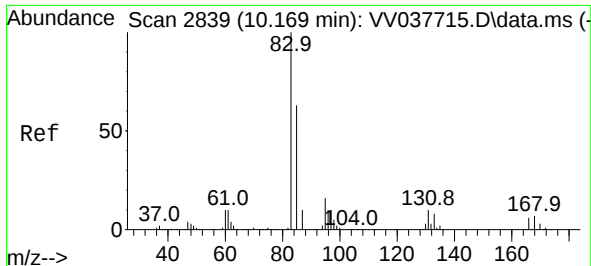
Tgt Ion:106 Resp: 374246
Ion Ratio Lower Upper
106 100
91 216.5 153.9 285.9



#55
Styrene
Concen: 53.885 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

Tgt Ion:104 Resp: 685622
Ion Ratio Lower Upper
104 100
78 41.3 30.0 55.6

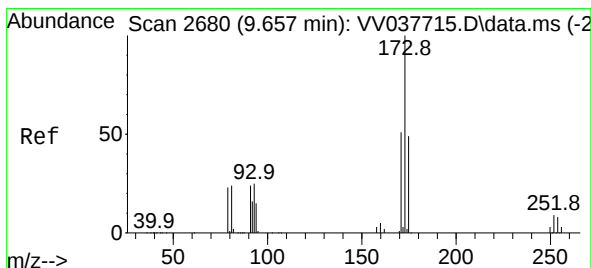
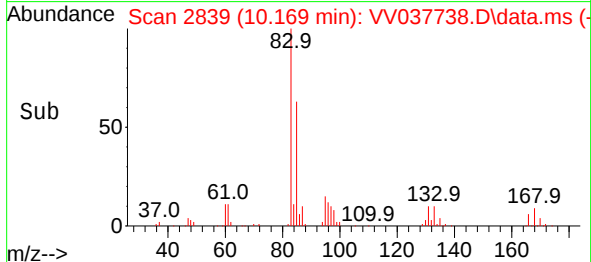
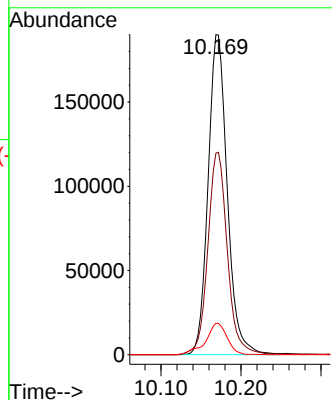
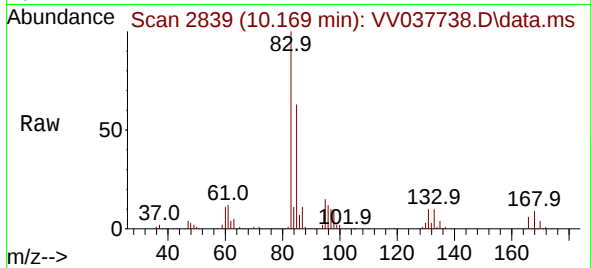




#57
1,1,2,2-Tetrachloroethane
Concen: 53.190 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

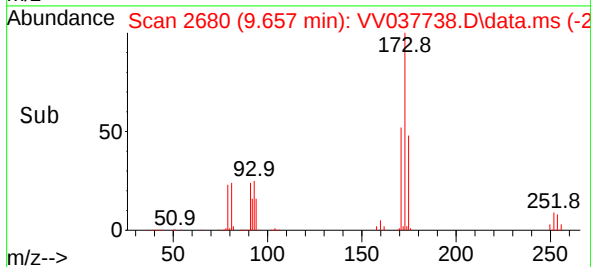
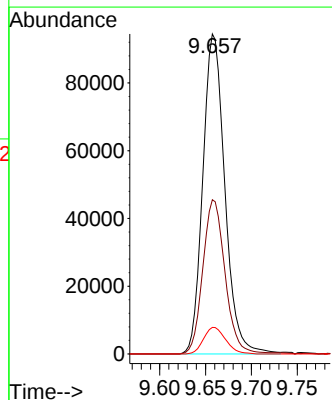
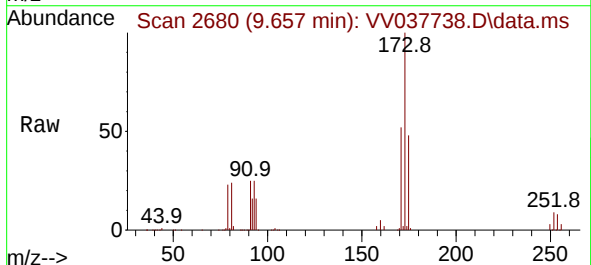
Instrument :
MSVOA_V
ClientSampleId :

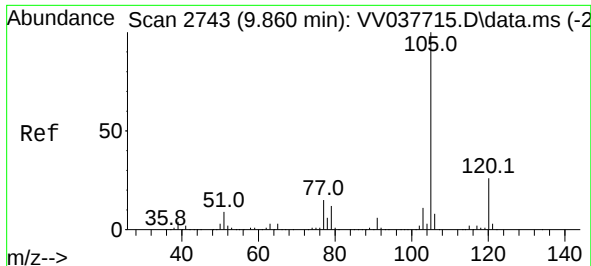
Tgt Ion: 83 Resp: 316961
Ion Ratio Lower Upper
83 100
85 63.0 45.9 85.3
131 9.8 7.9 11.9



#59
Bromoform
Concen: 51.019 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

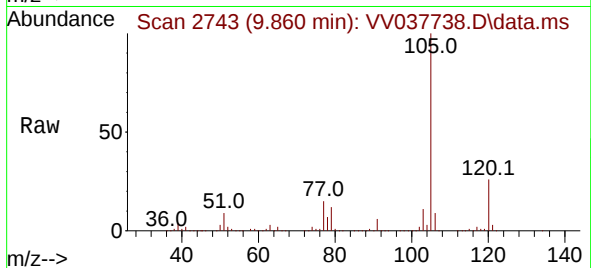
Tgt Ion: 173 Resp: 158032
Ion Ratio Lower Upper
173 100
175 48.5 40.0 60.0
254 8.3 6.5 9.7



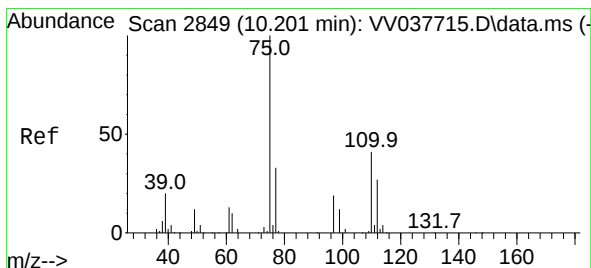
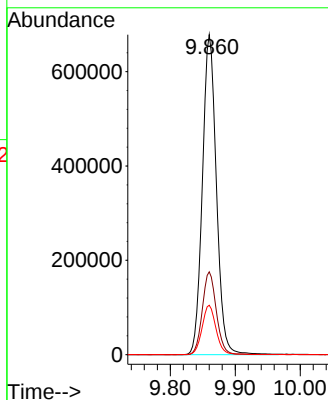
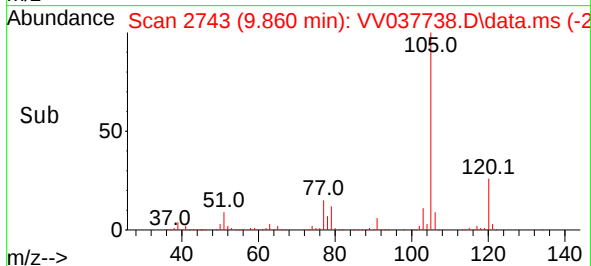


#60
Isopropylbenzene
Concen: 49.459 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41

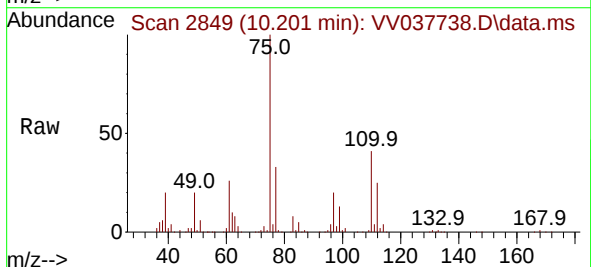
Instrument :
MSVOA_V
ClientSampleId :



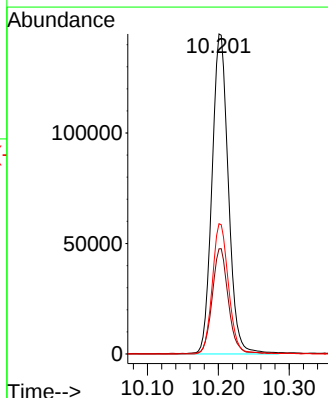
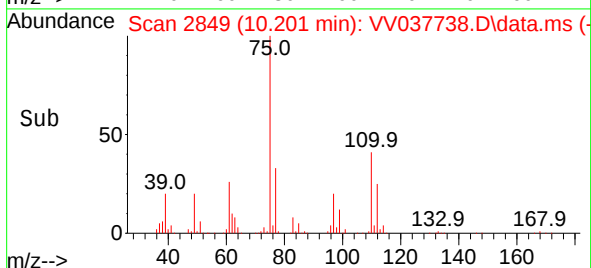
Tgt Ion:105 Resp: 1019064
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.3 12.2 18.2

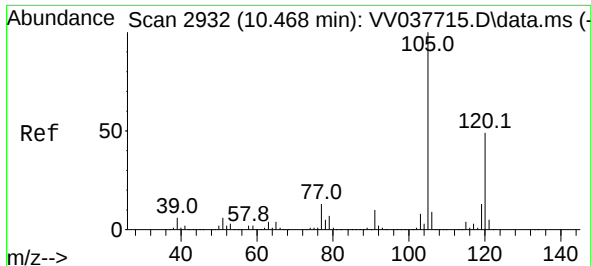


#61
1,2,3-Trichloropropane
Concen: 51.554 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037738.D
Acq: 11 Oct 2024 17:41



Tgt Ion: 75 Resp: 232490
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
110 40.2 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 49.169 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

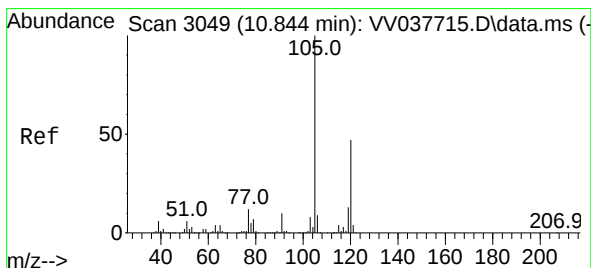
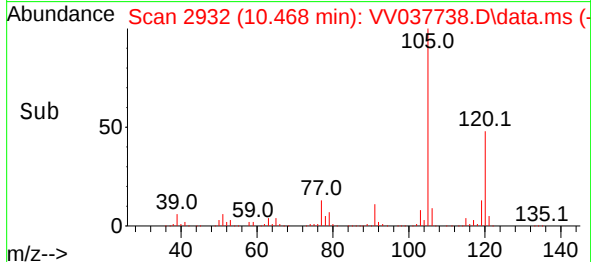
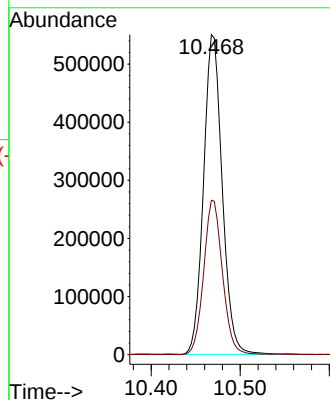
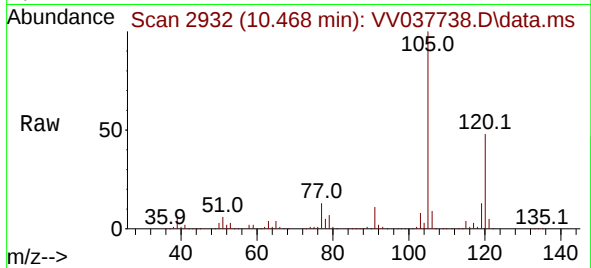
ClientSampleId :

Tgt Ion:105 Resp: 800953

Ion Ratio Lower Upper

105 100

120 48.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 48.787 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037738.D

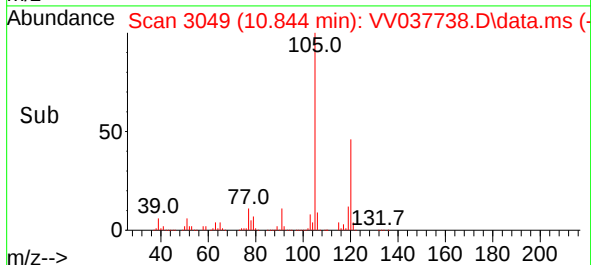
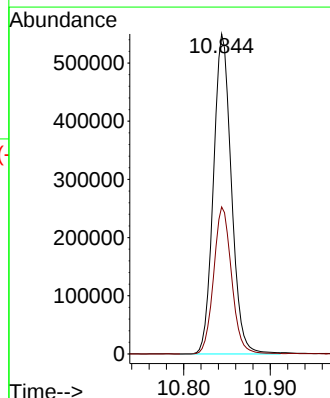
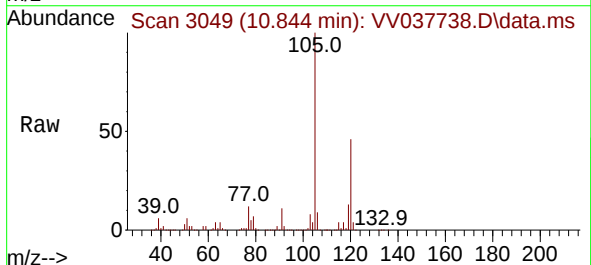
Acq: 11 Oct 2024 17:41

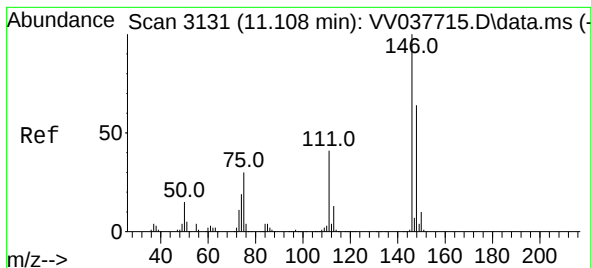
Tgt Ion:105 Resp: 790741

Ion Ratio Lower Upper

105 100

120 45.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 49.112 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

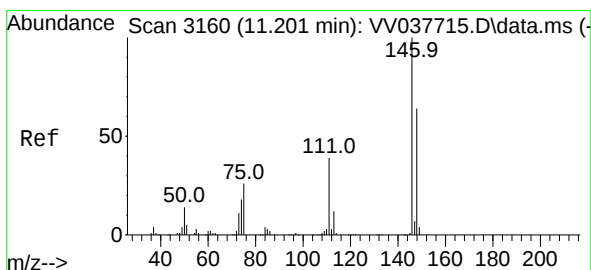
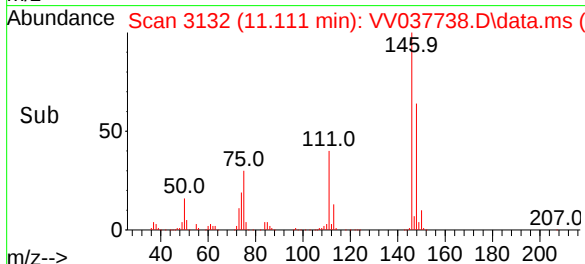
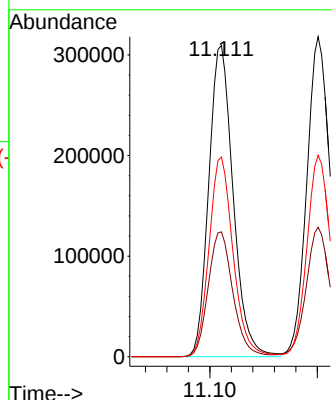
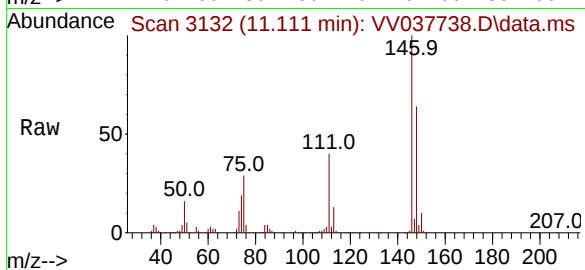
Tgt Ion:146 Resp: 487068

Ion Ratio Lower Upper

146 100

111 40.1 28.3 52.5

148 64.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 48.798 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

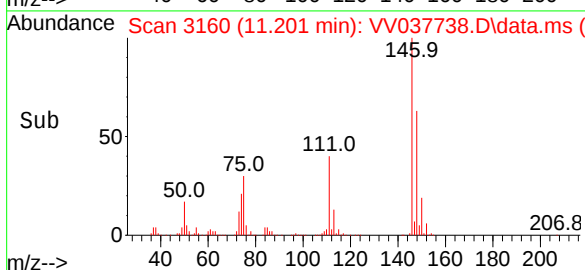
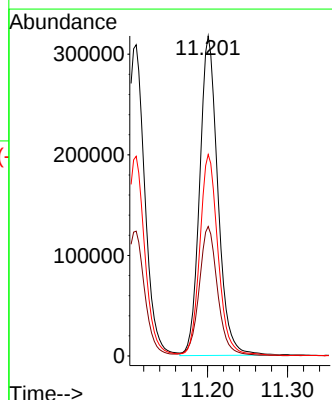
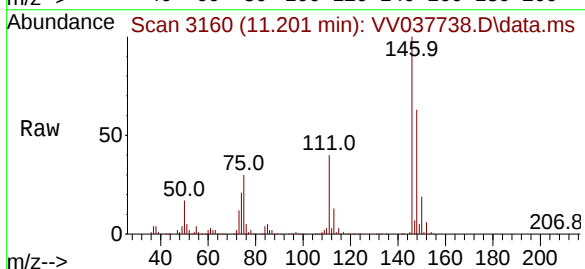
Tgt Ion:146 Resp: 503935

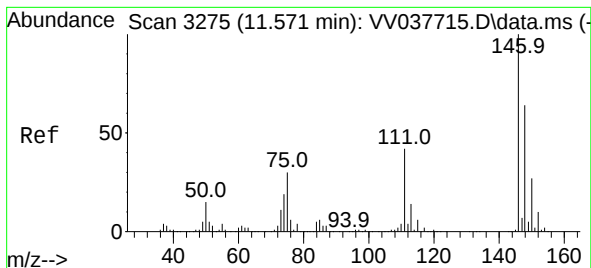
Ion Ratio Lower Upper

146 100

111 40.5 27.6 51.4

148 63.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.191 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

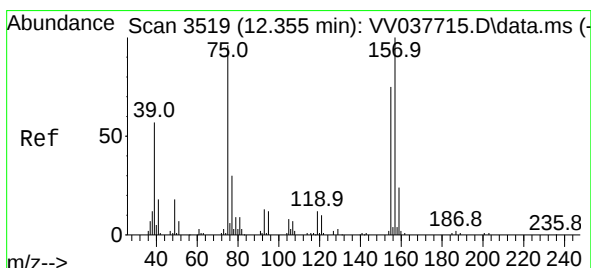
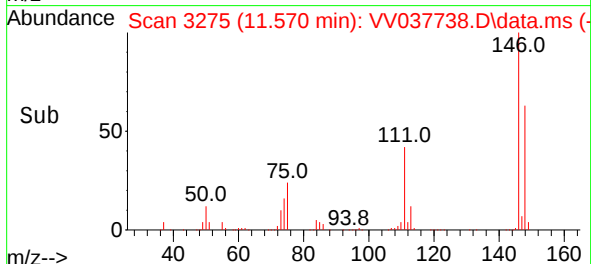
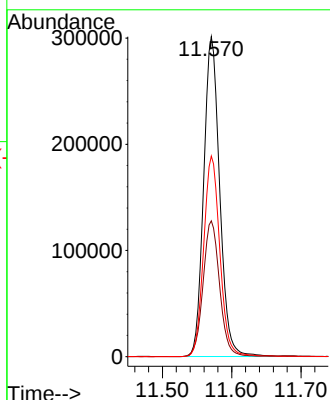
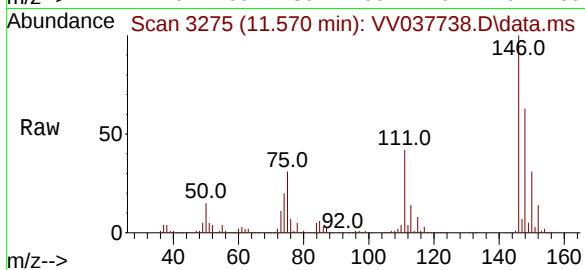
Tgt Ion:146 Resp: 482274

Ion Ratio Lower Upper

146 100

111 42.4 34.2 51.2

148 62.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.716 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

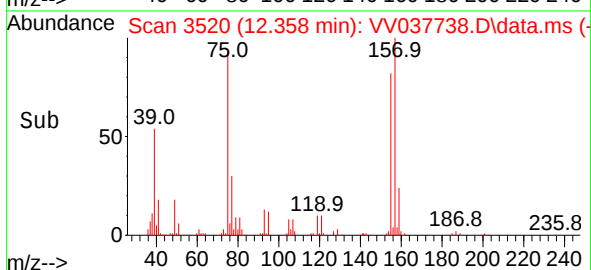
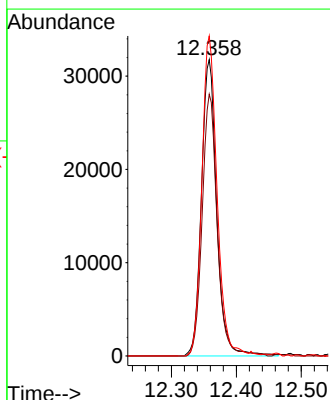
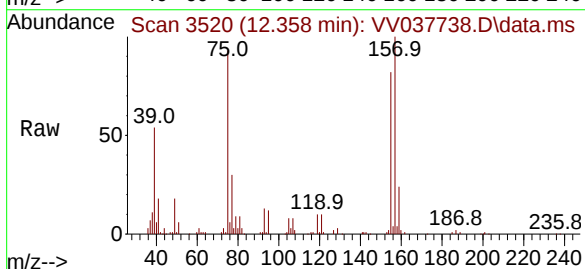
Tgt Ion: 75 Resp: 52235

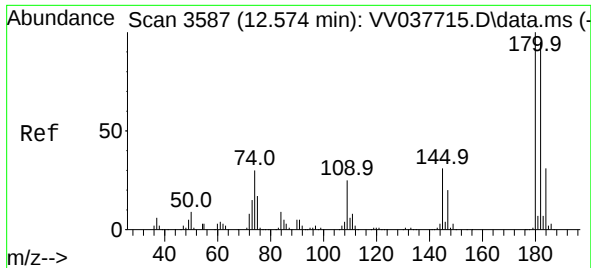
Ion Ratio Lower Upper

75 100

155 88.4 66.2 99.4

157 108.0 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 46.471 ug/L

RT: 12.574 min Scan# 316938

Delta R.T. -0.000 min

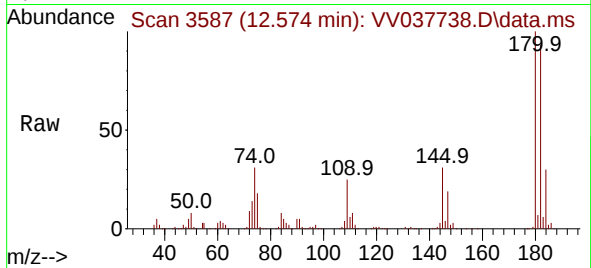
Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 316938

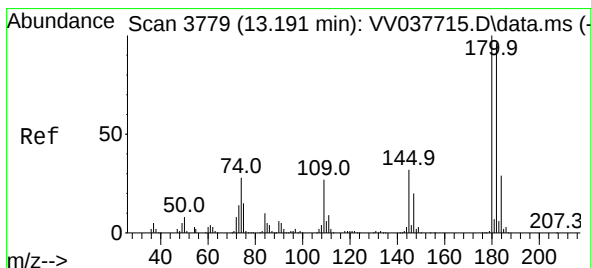
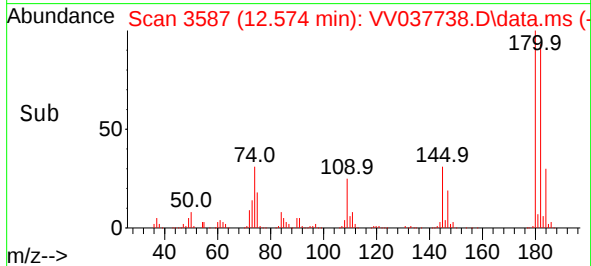
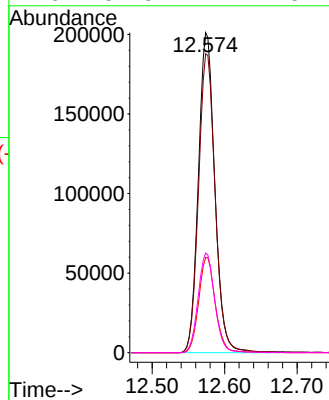
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

184 30.0 23.8 35.6

145 31.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 45.205 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

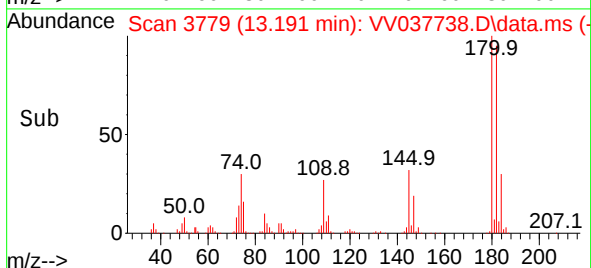
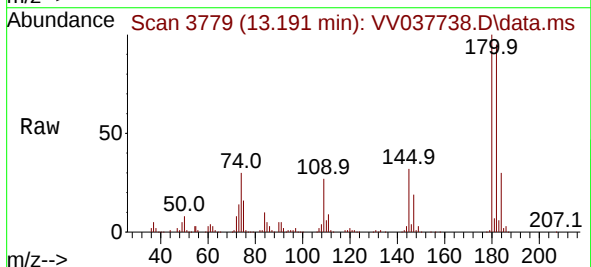
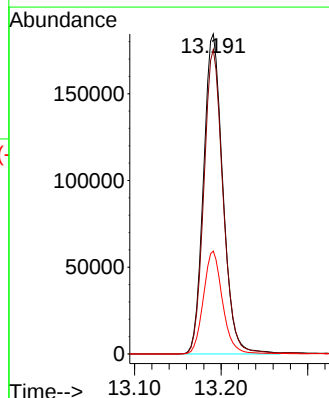
Tgt Ion:180 Resp: 286042

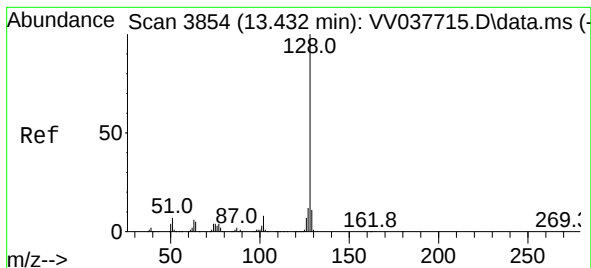
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 46.044 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

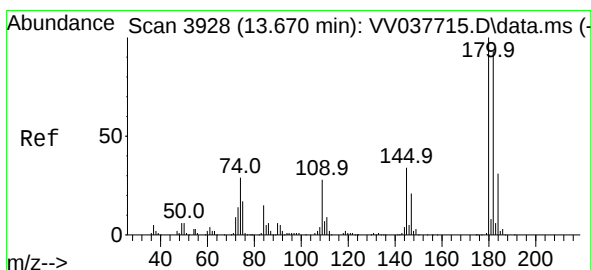
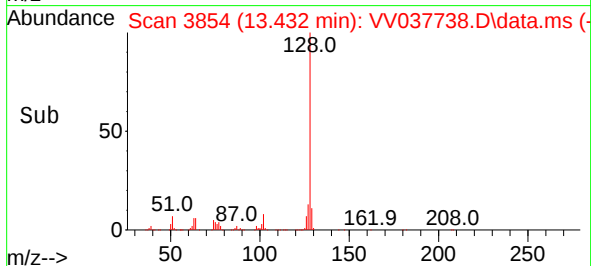
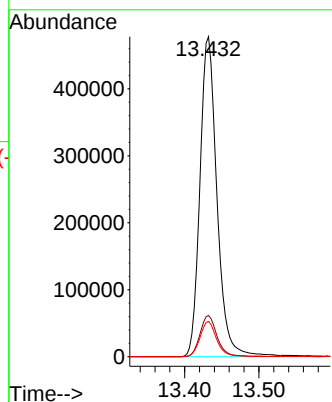
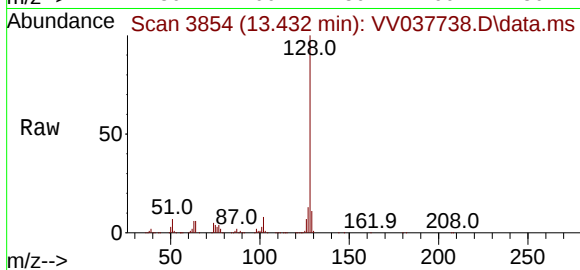
Tgt Ion:128 Resp: 761201

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 46.498 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.000 min

Lab File: VV037738.D

Acq: 11 Oct 2024 17:41

Tgt Ion:180 Resp: 290556

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 33.9 26.2 39.4

