

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037739.D
 Acq On : 11 Oct 2024 18:02
 Operator : SY/MD
 Sample : P4349-22MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 06:21:28 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	595575	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	579126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	318682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	195559	37.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.800%
7) Chloroethane-d5	1.532	69	174903	43.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.060	65	90885	41.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.220%
21) 2-Butanone-d5	3.796	46	189897	101.975	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.980%
24) Chloroform-d	4.243	84	461258	49.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.180%
26) 1,2-Dichloroethane-d4	4.934	65	265281	48.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
32) Benzene-d6	4.953	84	847279	46.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
36) 1,2-Dichloropropane-d6	5.982	67	275227	47.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.380%
41) Toluene-d8	7.236	98	776365	47.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%
43) trans-1,3-Dichloroprop...	7.548	79	122614	45.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.480%
47) 2-Hexanone-d5	8.024	63	130265	106.905	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.910%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	348487	51.974	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.940%
66) 1,2-Dichlorobenzene-d4	11.551	152	312761	46.575	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	236448	46.635	ug/L	100
3) Chloromethane	1.220	50	229979	46.722	ug/L	99
5) Vinyl chloride	1.285	62	249995	47.373	ug/L	99
6) Bromomethane	1.487	94	145974	49.845	ug/L	98
8) Chloroethane	1.548	64	157965	48.566	ug/L	100
9) Trichlorofluoromethane	1.712	101	362570	51.042	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	215213	50.702	ug/L	100
12) 1,1-Dichloroethene	2.069	96	195595	49.330	ug/L	82
13) Acetone	2.114	43	131101	71.816	ug/L	99
14) Carbon disulfide	2.240	76	531763	42.965	ug/L	99
15) Methyl Acetate	2.371	43	158305	49.691	ug/L	98
16) Methylene chloride	2.442	84	224059	49.907	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	203321	48.472	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	643666	53.485	ug/L	100
19) 1,1-Dichloroethane	3.105	63	410783	51.113	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	244558	52.100	ug/L	97
22) 2-Butanone	3.876	43	191992	95.020	ug/L	99
23) Bromochloromethane	4.140	128	125788	51.805	ug/L	97
25) Chloroform	4.268	83	435060	52.285	ug/L	98

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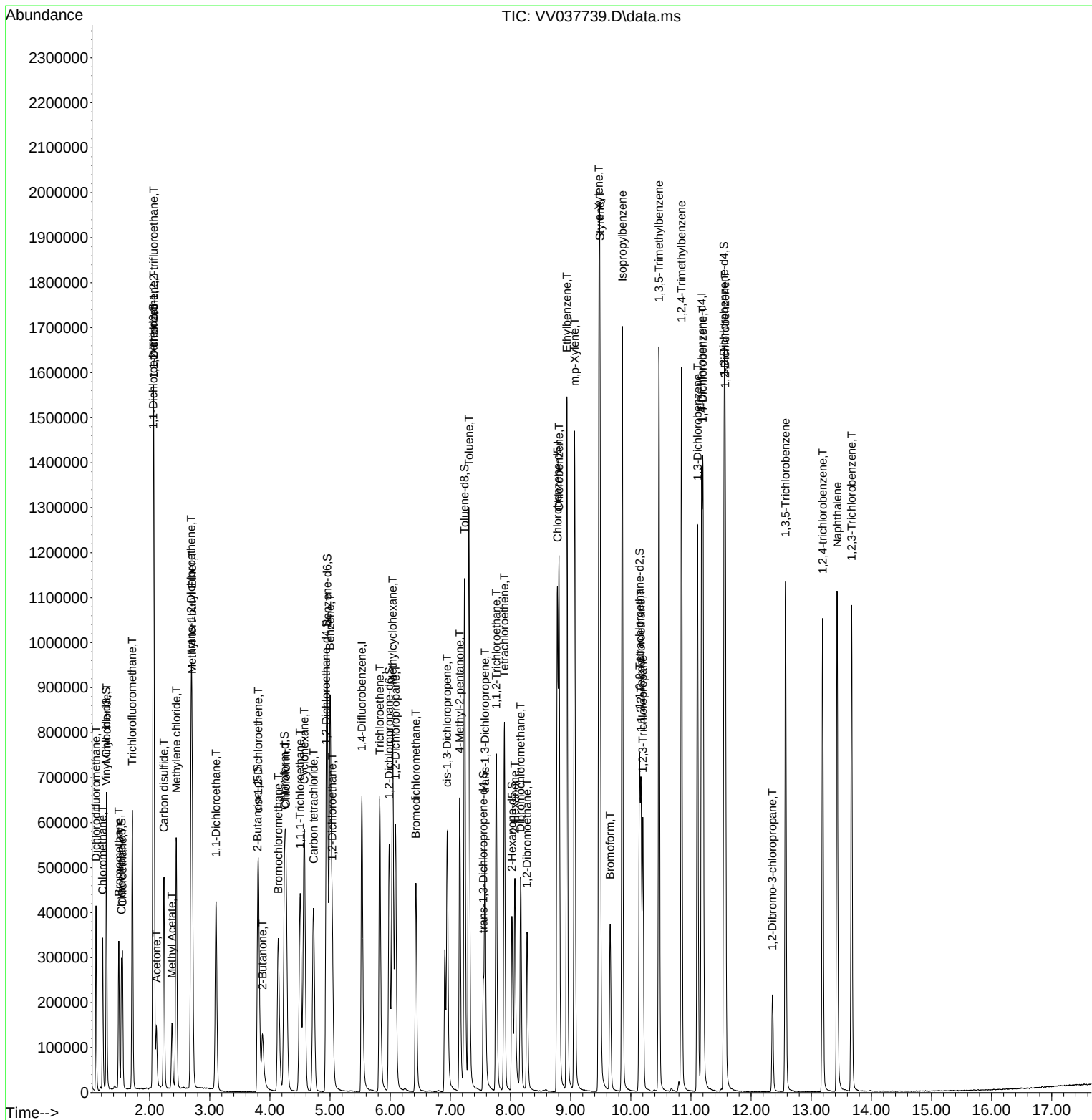
Instrument :
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 ClientSampleId :

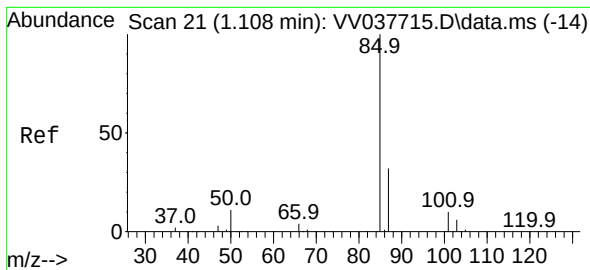
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	304650	51.862	ug/L	99
29) Cyclohexane	4.571	56	316957	48.203	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	371271	52.052	ug/L	100
31) Carbon tetrachloride	4.725	117	320708	51.717	ug/L	99
33) Benzene	5.002	78	907321	51.948	ug/L	100
34) Trichloroethene	5.825	95	236683	50.885	ug/L	99
35) Methylcyclohexane	6.040	83	349497	48.843	ug/L	99
37) 1,2-Dichloropropane	6.088	63	240486	53.321	ug/L	99
38) Bromodichloromethane	6.426	83	322911	53.559	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	379353	52.692	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	418313	113.913	ug/L	100
42) Toluene	7.310	91	968502	53.489	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	339846	52.431	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	234706	54.196	ug/L	99
46) Tetrachloroethene	7.899	164	179141	50.373	ug/L	99
48) 2-Hexanone	8.072	43	296747	103.923	ug/L	99
49) Dibromochloromethane	8.169	129	249294	54.390	ug/L	100
50) 1,2-Dibromoethane	8.275	107	238712	53.324	ug/L	99
51) Chlorobenzene	8.805	112	650107	52.700	ug/L	99
52) Ethylbenzene	8.937	91	1069478	52.472	ug/L	99
53) m,p-Xylene	9.066	106	408528	53.857	ug/L	98
54) o-Xylene	9.471	106	393432	53.126	ug/L	98
55) Styrene	9.487	104	723956	56.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	328283	54.371	ug/L	98
59) Bromoform	9.657	173	165154	53.024	ug/L	98
60) Isopropylbenzene	9.860	105	1070244	51.656	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	239363	52.785	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	857921	52.375	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	854826	52.450	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	515497	51.691	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	539612	51.964	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	514101	52.148	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	58335	52.994	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	339500	49.504	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	312047	49.042	ug/L	100
71) Naphthalene	13.432	128	884603	53.212	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	321499	51.166	ug/L	99

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

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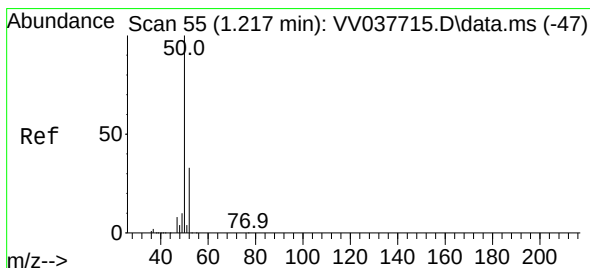
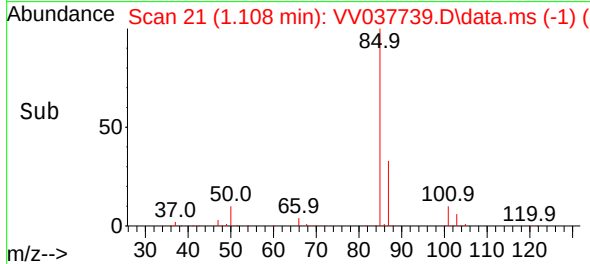
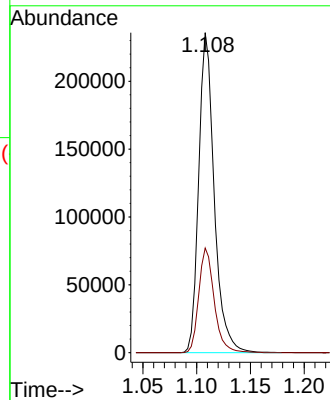
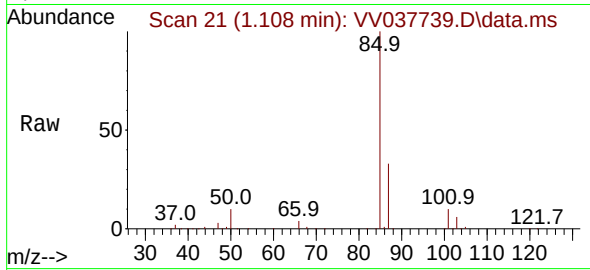




#2
Dichlorodifluoromethane
Concen: 46.635 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

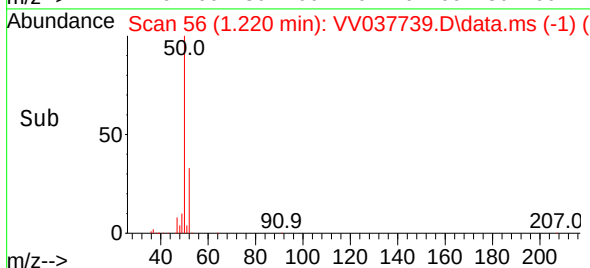
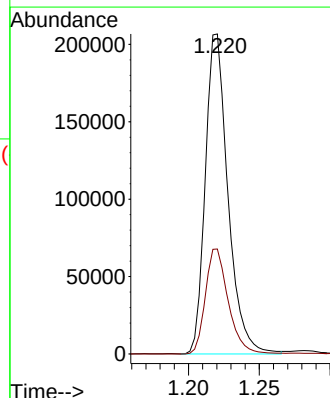
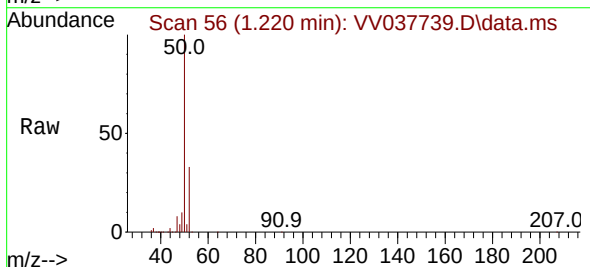
Instrument :
MSVOA_V
ClientSampleId :

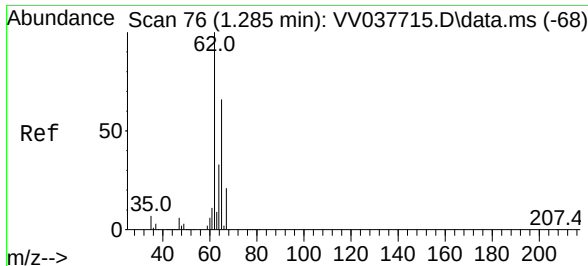
Tgt Ion: 85 Resp: 236448
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 46.722 ug/L
RT: 1.220 min Scan# 56
Delta R.T. 0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Tgt Ion: 50 Resp: 229979
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

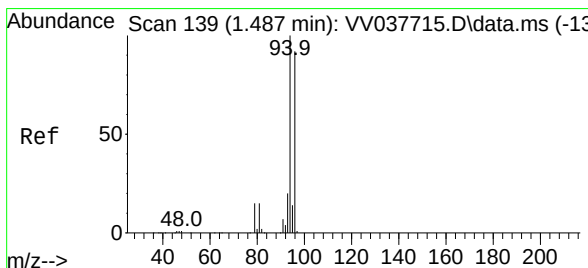
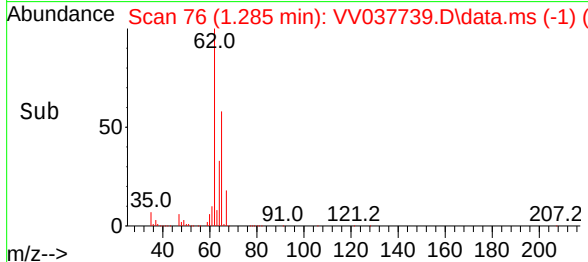
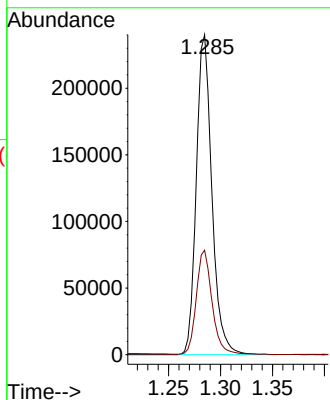
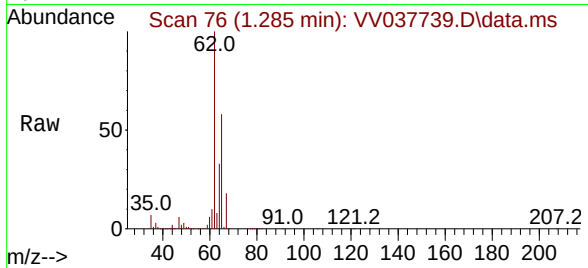




#5
 Vinyl chloride
 Concen: 47.373 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037739.D
 Acq: 11 Oct 2024 18:02

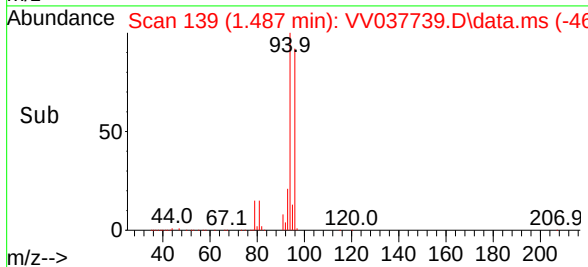
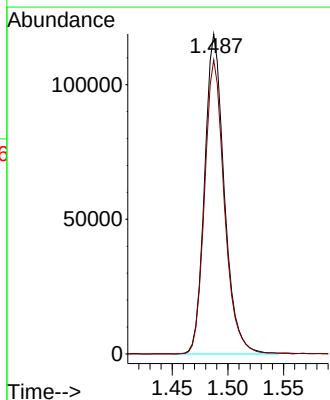
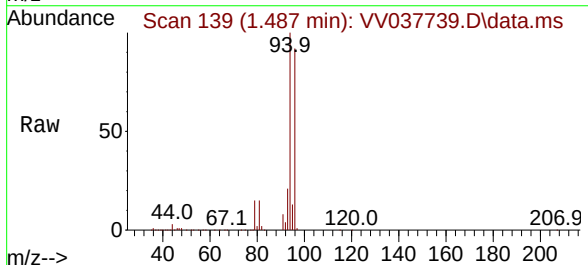
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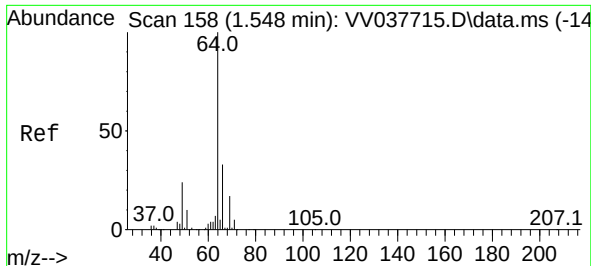
Tgt Ion: 62 Resp: 249995
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 49.845 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037739.D
 Acq: 11 Oct 2024 18:02

Tgt Ion: 94 Resp: 145974
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.8 122.2

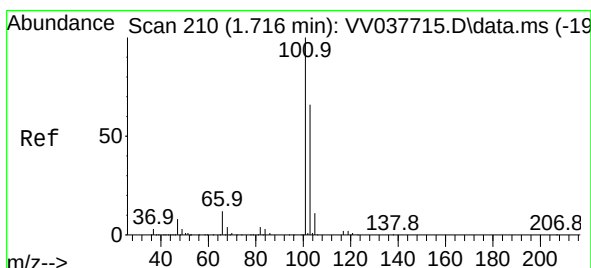
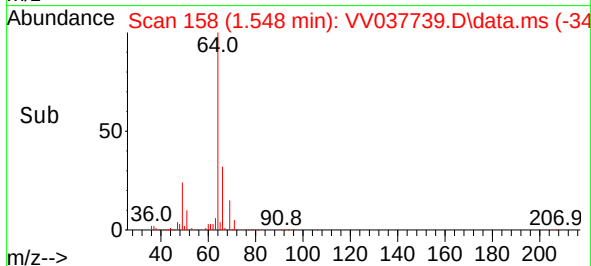
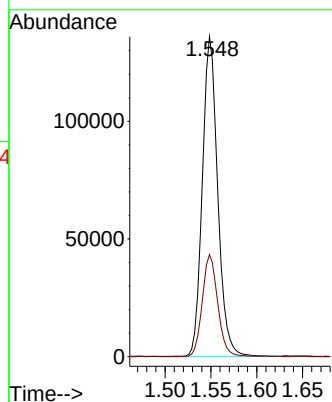
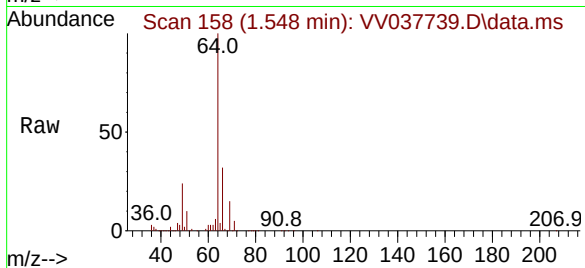




#8
Chloroethane
Concen: 48.566 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

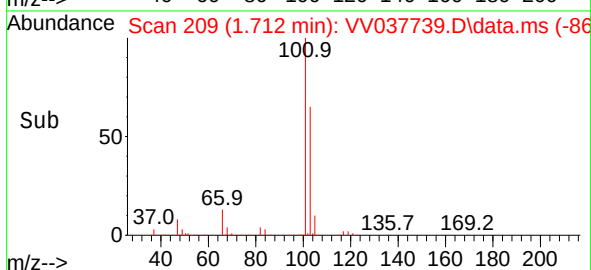
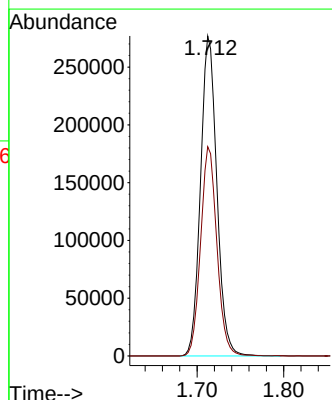
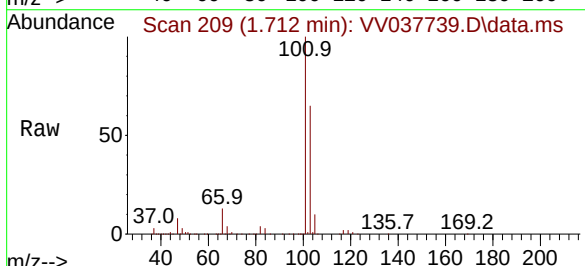
Instrument :
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ClientSampleId :

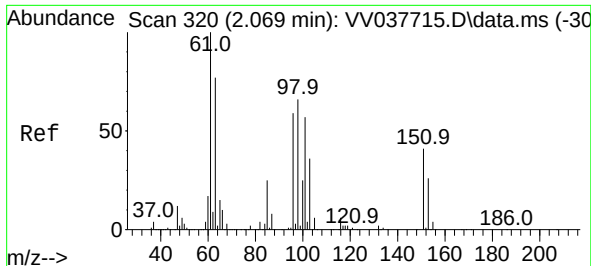
Tgt Ion: 64 Resp: 157965
Ion Ratio Lower Upper
64 100
66 31.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 51.042 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Tgt Ion:101 Resp: 362570
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.702 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :

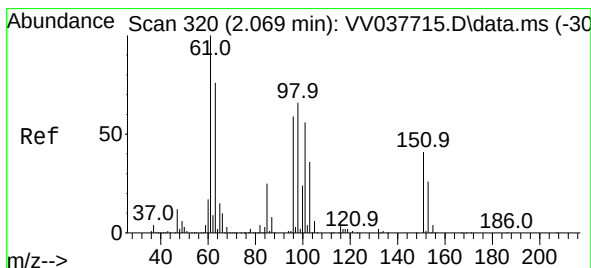
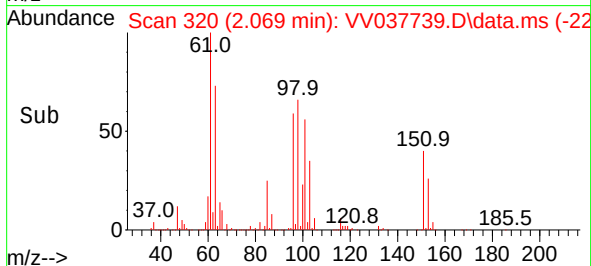
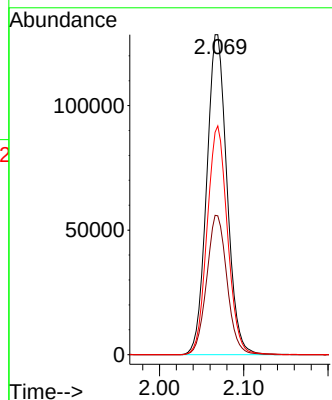
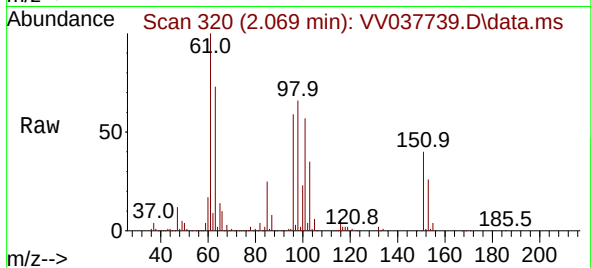
Tgt Ion:101 Resp: 215213

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: 49.330 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

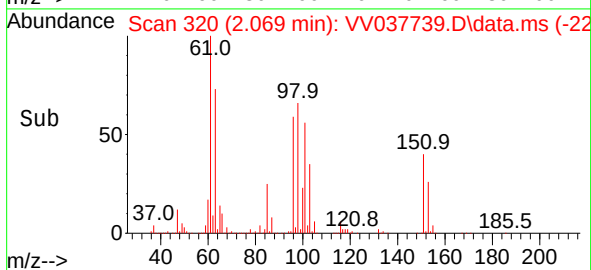
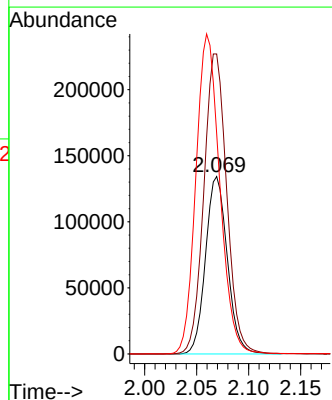
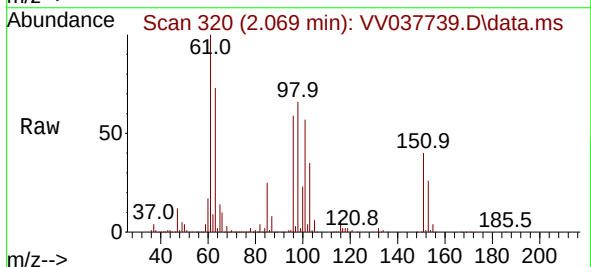
Tgt Ion: 96 Resp: 195595

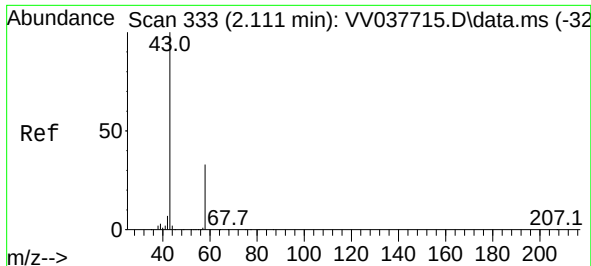
Ion Ratio Lower Upper

96 100

61 169.1 122.6 227.6

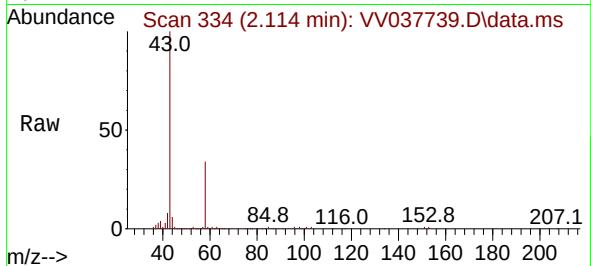
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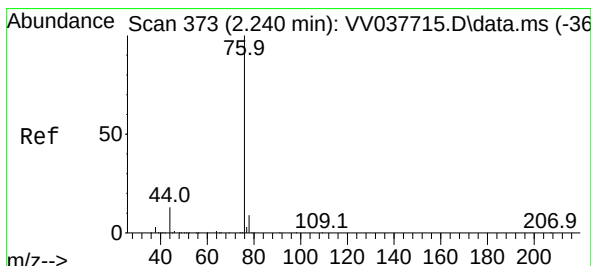
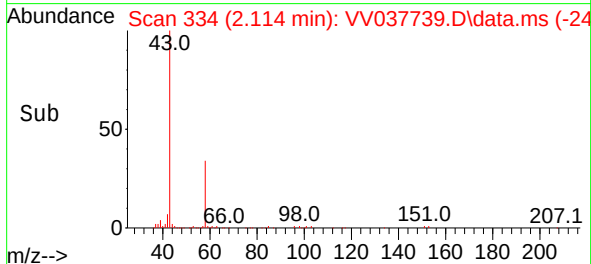
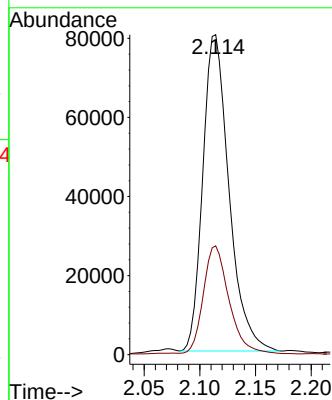


#13
Acetone
Concen: 71.816 ug/L
RT: 2.114 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Instrument :
MSVOA_V
ClientSampleId :

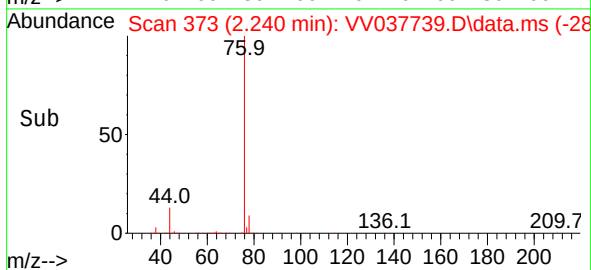
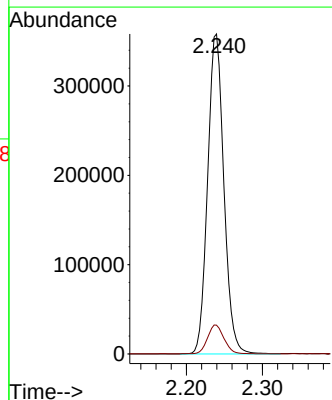
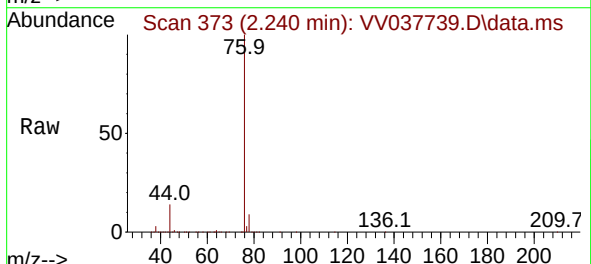


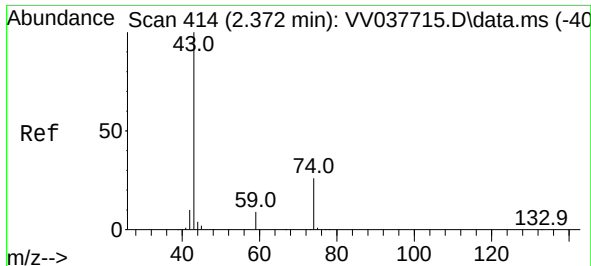
Tgt Ion: 43 Resp: 131101
Ion Ratio Lower Upper
43 100
58 33.9 0.0 66.6



#14
Carbon disulfide
Concen: 42.965 ug/L
RT: 2.240 min Scan# 373
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Tgt Ion: 76 Resp: 531763
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 49.691 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

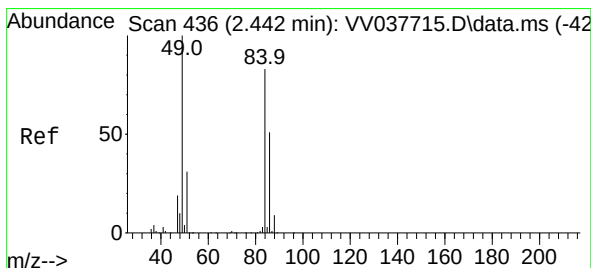
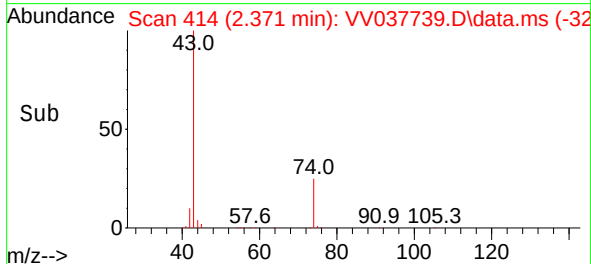
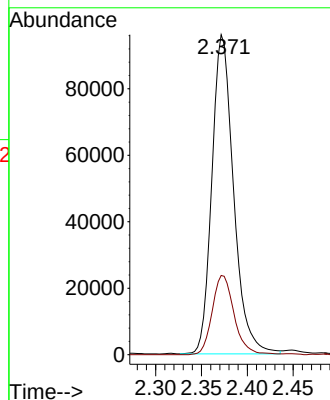
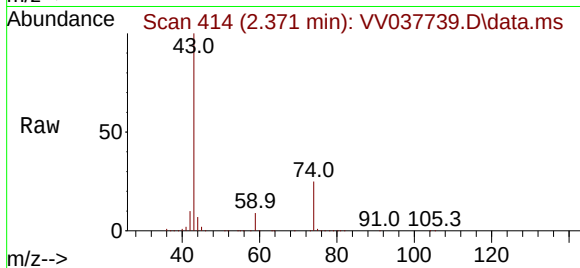
ClientSampleId :

Tgt Ion: 43 Resp: 158305

Ion Ratio Lower Upper

43 100

74 25.0 19.4 29.0



#16

Methylene chloride

Concen: 49.907 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

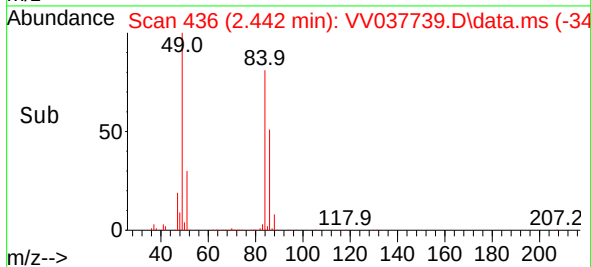
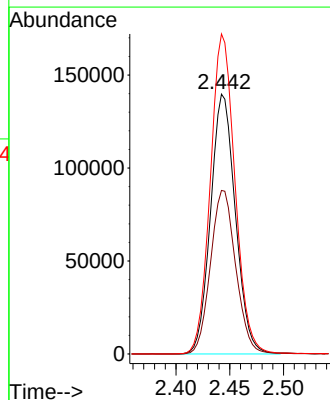
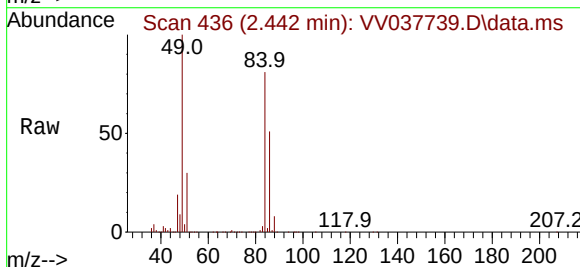
Tgt Ion: 84 Resp: 224059

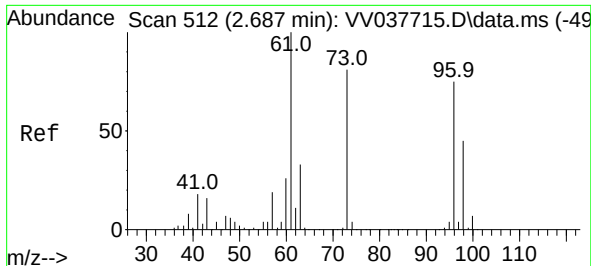
Ion Ratio Lower Upper

84 100

86 62.9 46.4 86.2

49 123.2 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 48.472 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :

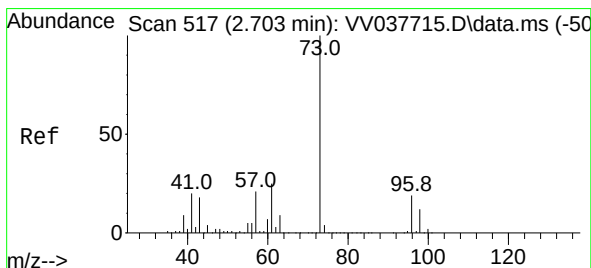
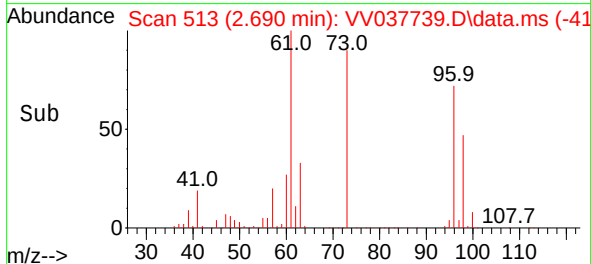
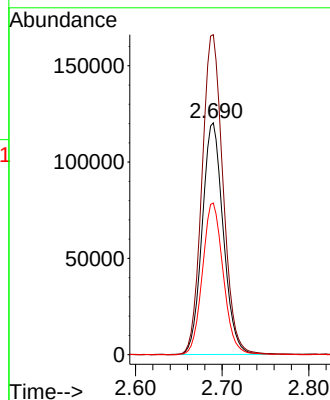
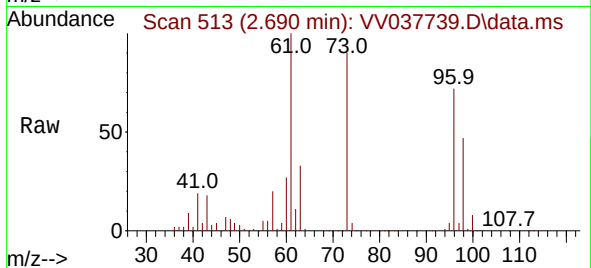
Tgt Ion: 96 Resp: 203321

Ion Ratio Lower Upper

96 100

61 138.0 97.3 180.7

98 65.4 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 53.485 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

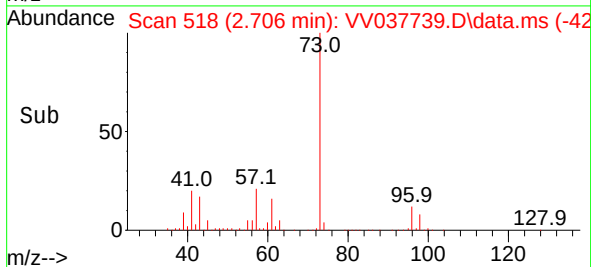
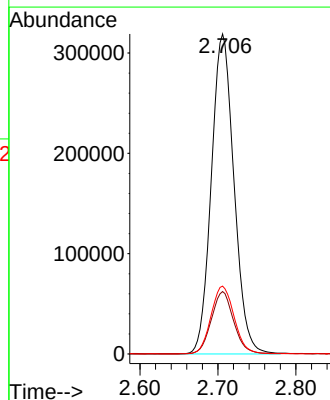
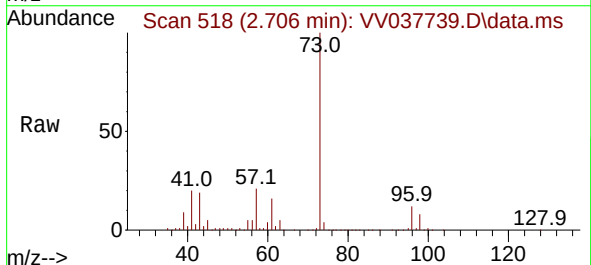
Tgt Ion: 73 Resp: 643666

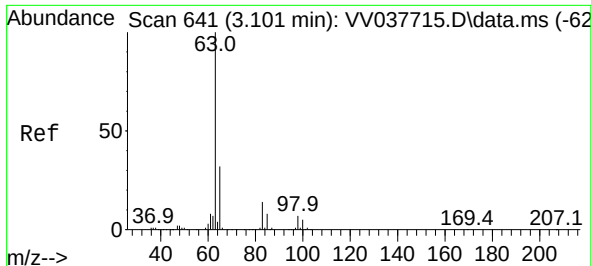
Ion Ratio Lower Upper

73 100

43 19.1 15.1 22.7

57 21.7 17.4 26.2

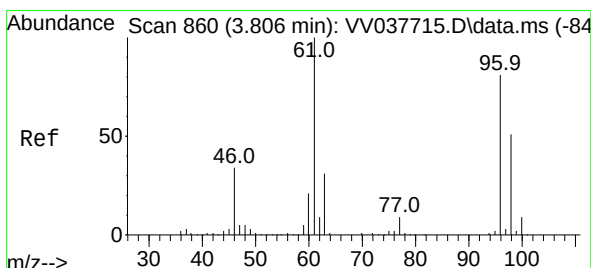
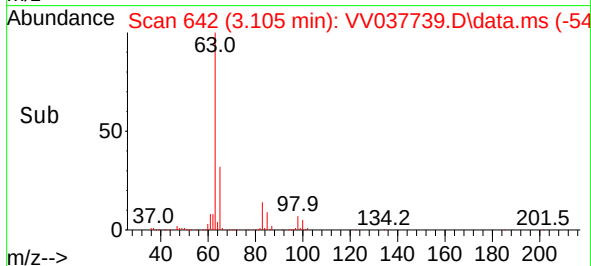
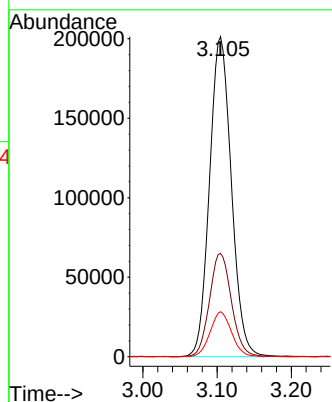
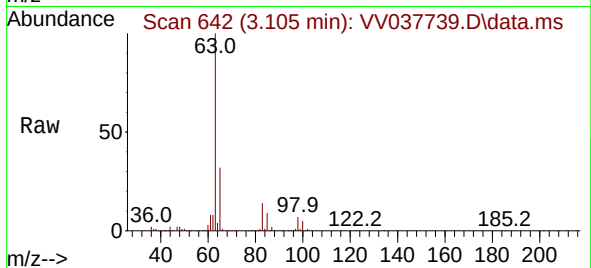




#19
1,1-Dichloroethane
Concen: 51.113 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

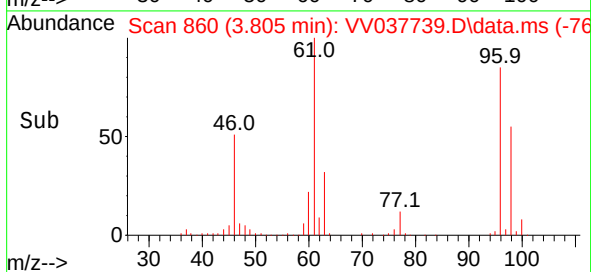
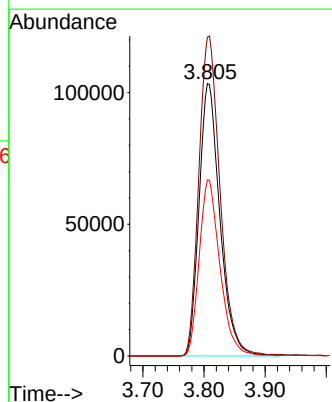
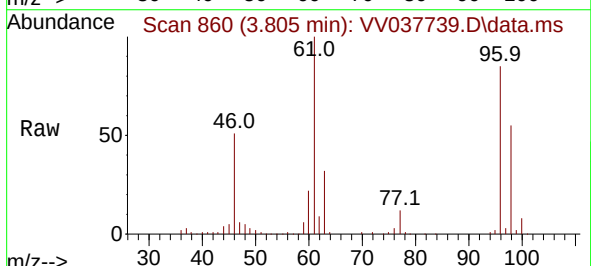
Instrument :
MSVOA_V
ClientSampleId :

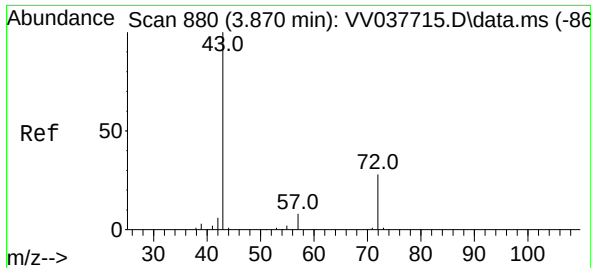
Tgt Ion: 63 Resp: 410783
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 14.0 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.100 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Tgt Ion: 96 Resp: 244558
Ion Ratio Lower Upper
96 100
61 117.1 85.0 157.8
98 64.7 44.2 82.0

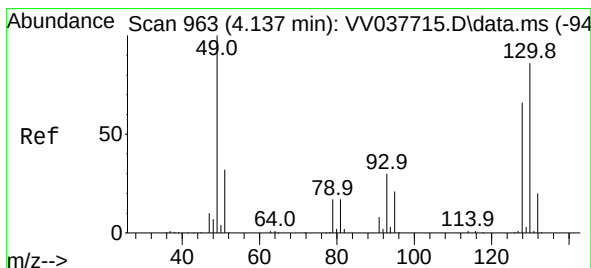
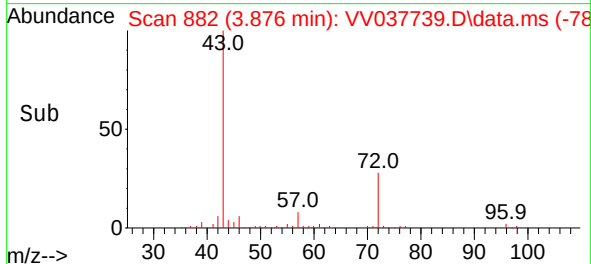
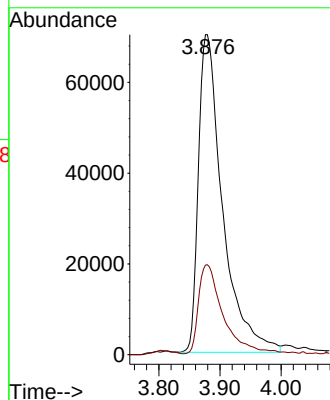
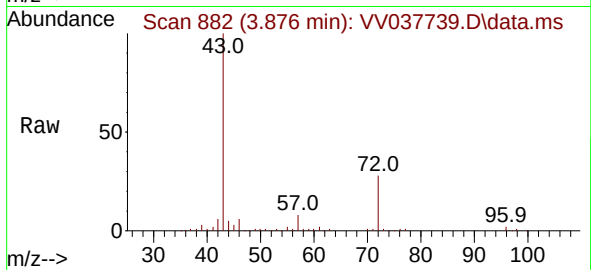




#22
2-Butanone
Concen: 95.020 ug/L
RT: 3.876 min Scan# 880
Delta R.T. 0.006 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

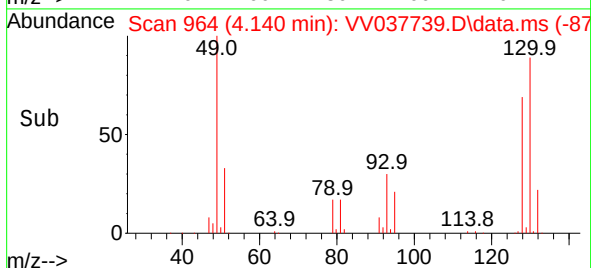
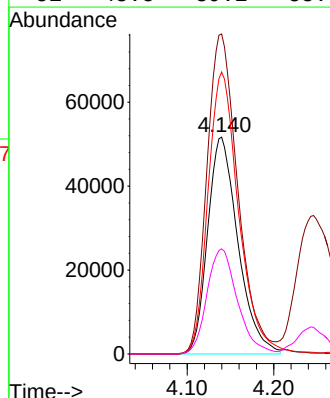
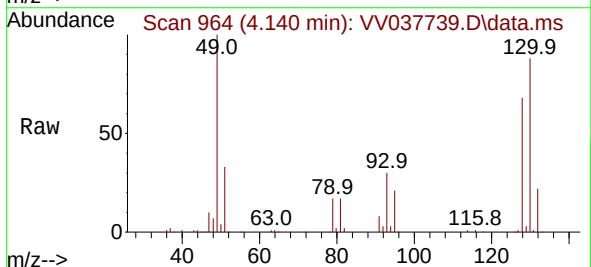
Instrument :
MSVOA_V
ClientSampleId :

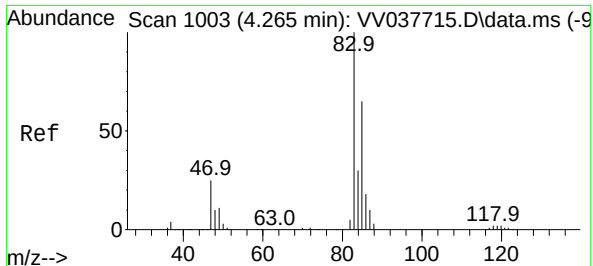
Tgt Ion: 43 Resp: 191992
Ion Ratio Lower Upper
43 100
72 27.8 14.3 42.9



#23
Bromochloromethane
Concen: 51.805 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Tgt Ion:128 Resp: 125788
Ion Ratio Lower Upper
128 100
49 147.5 108.7 201.9
130 130.0 90.4 168.0
51 48.5 39.2 58.8





#25

Chloroform

Concen: 52.285 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

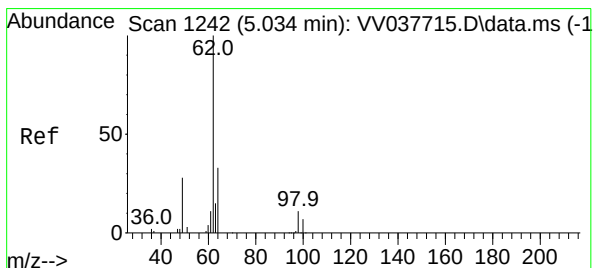
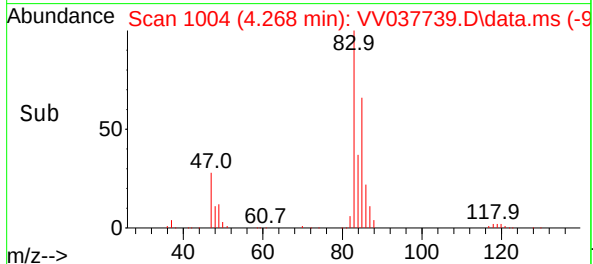
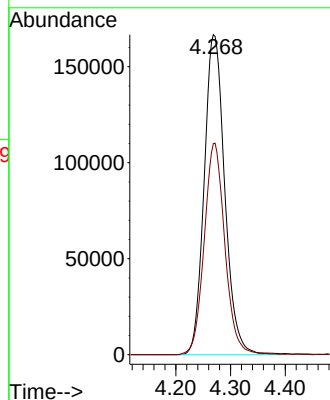
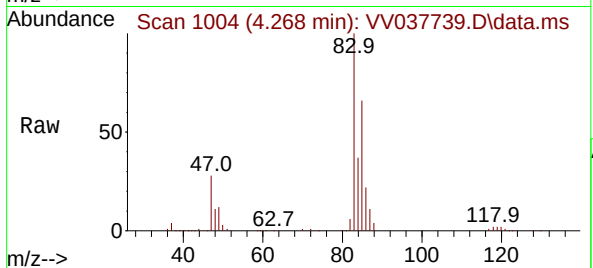
ClientSampleId :

Tgt Ion: 83 Resp: 435060

Ion Ratio Lower Upper

83 100

85 65.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.862 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037739.D

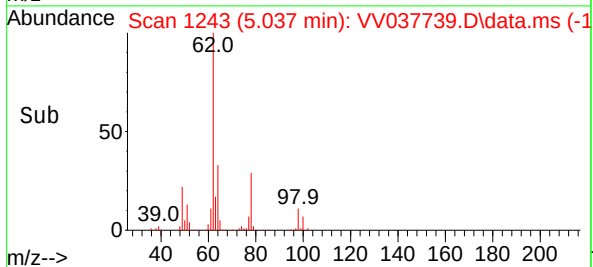
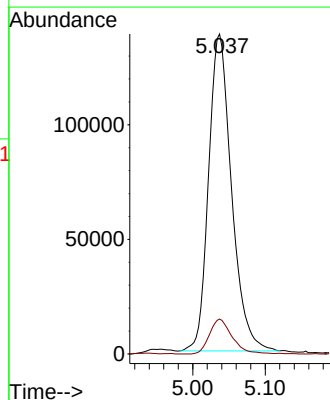
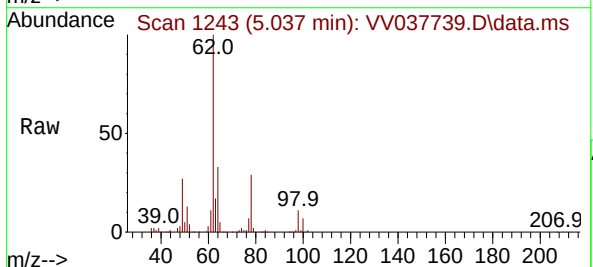
Acq: 11 Oct 2024 18:02

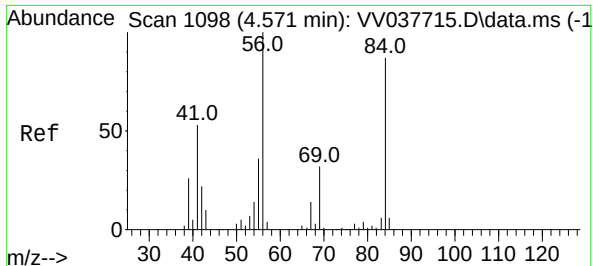
Tgt Ion: 62 Resp: 304650

Ion Ratio Lower Upper

62 100

98 10.9 8.4 12.6





#29

Cyclohexane

Concen: 48.203 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :

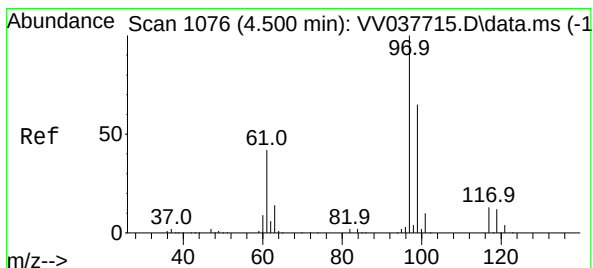
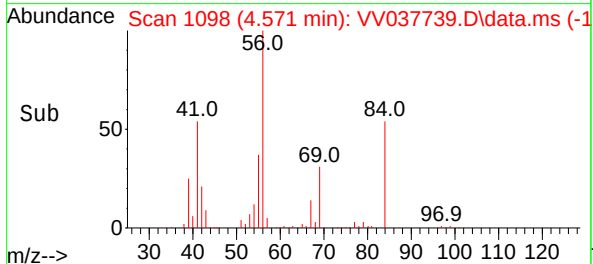
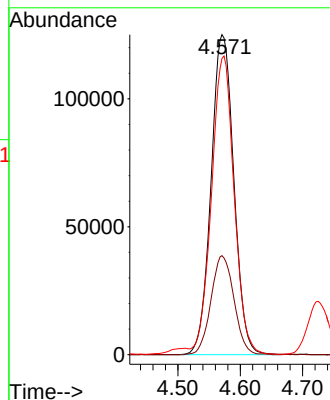
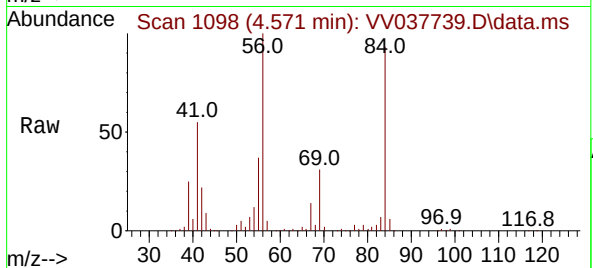
Tgt Ion: 56 Resp: 316957

Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

84 92.0 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 52.052 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

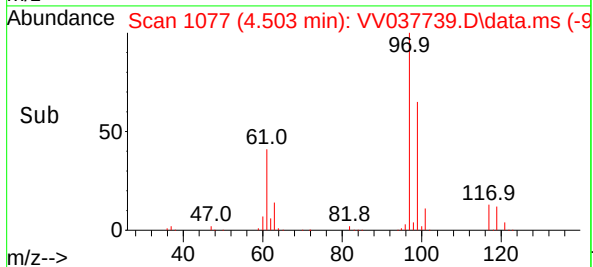
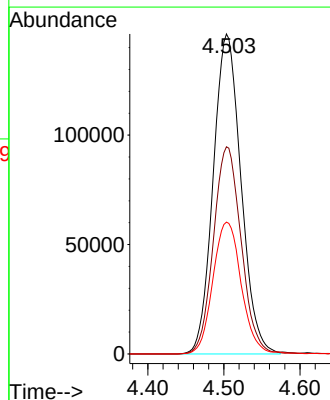
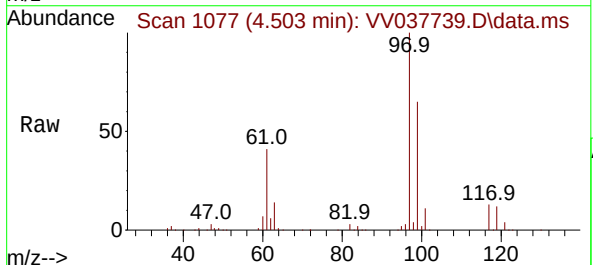
Tgt Ion: 97 Resp: 371271

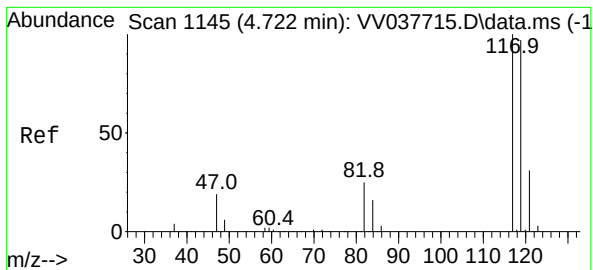
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 41.8 33.6 50.4





#31

Carbon tetrachloride

Concen: 51.717 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

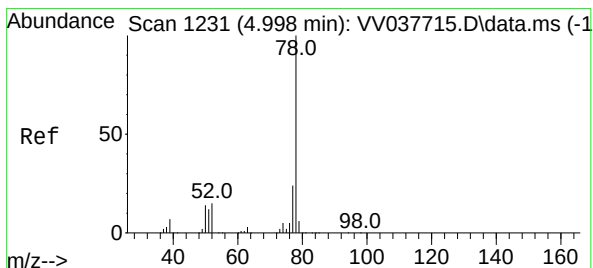
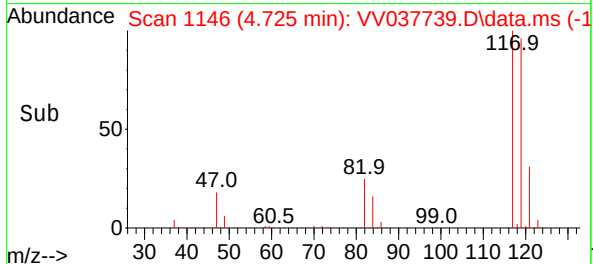
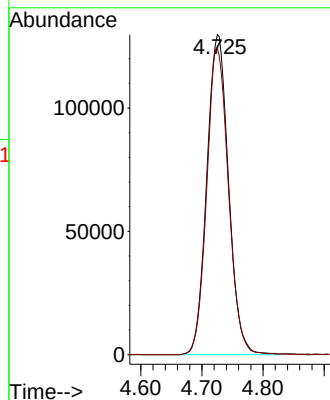
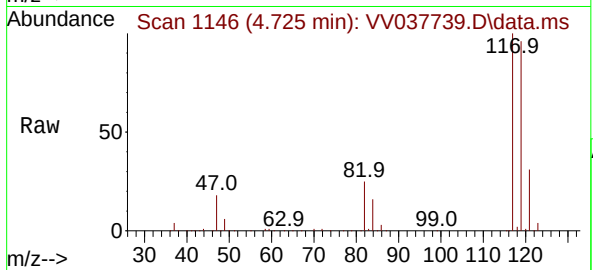
ClientSampleId :

Tgt Ion:117 Resp: 320708

Ion Ratio Lower Upper

117 100

119 95.6 76.9 115.3



#33

Benzene

Concen: 51.948 ug/L

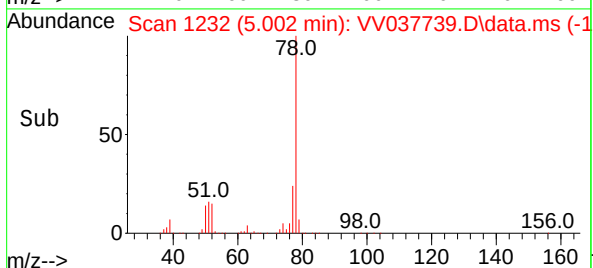
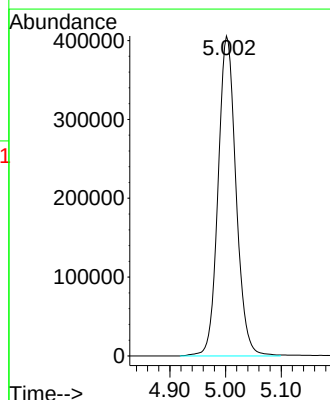
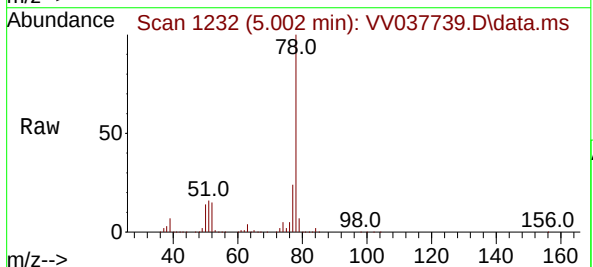
RT: 5.002 min Scan# 1232

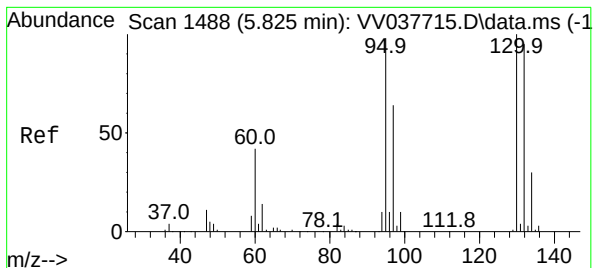
Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Tgt Ion: 78 Resp: 907321





#34

Trichloroethene

Concen: 50.885 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 236683

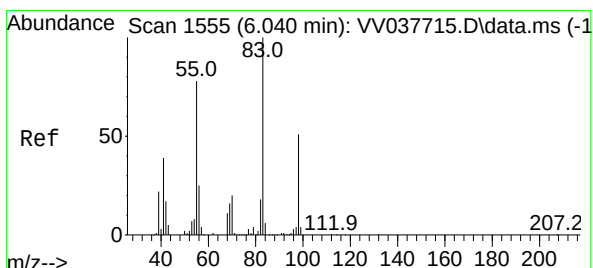
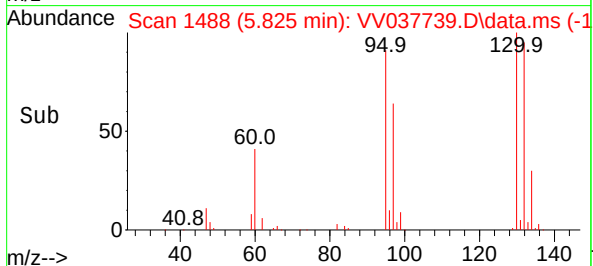
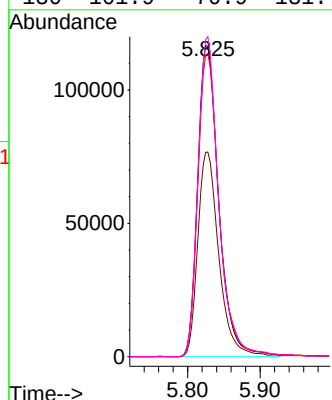
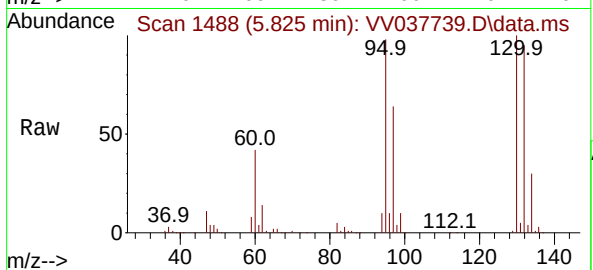
Ion Ratio Lower Upper

95 100

97 65.6 46.3 85.9

132 97.1 68.6 127.4

130 101.9 70.9 131.7



#35

Methylcyclohexane

Concen: 48.843 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

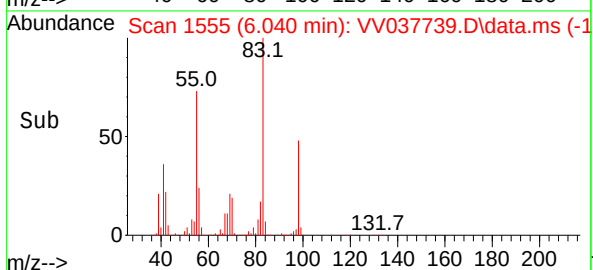
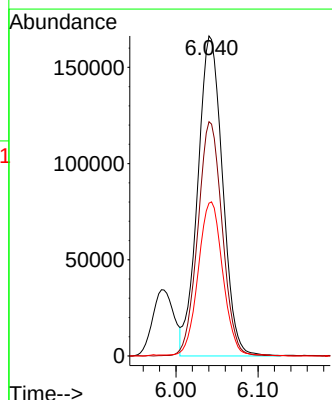
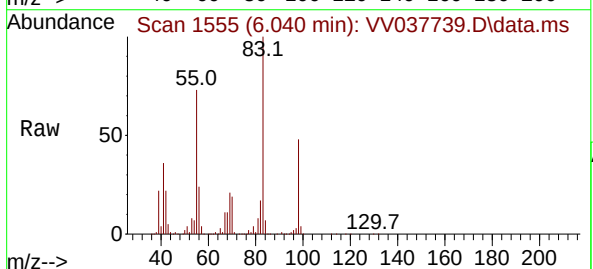
Tgt Ion: 83 Resp: 349497

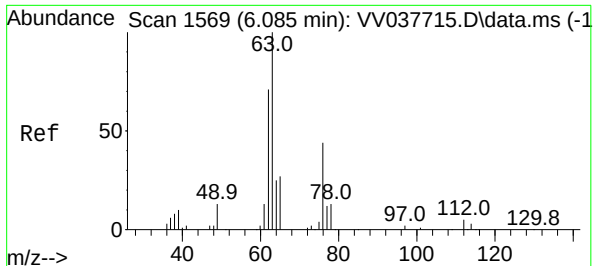
Ion Ratio Lower Upper

83 100

55 72.1 57.9 86.9

98 47.2 39.3 58.9

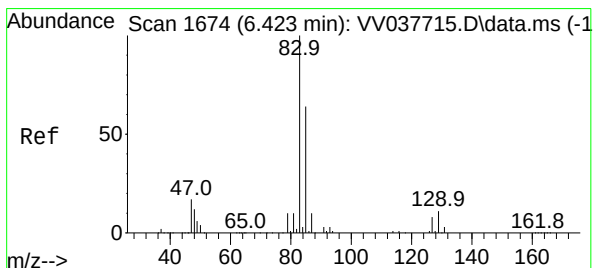
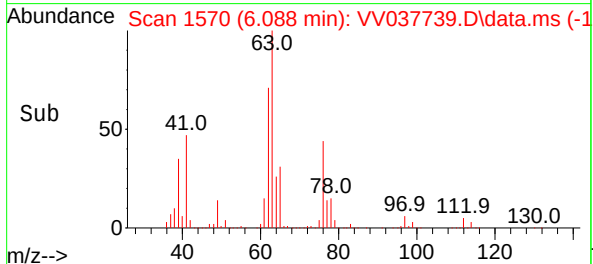
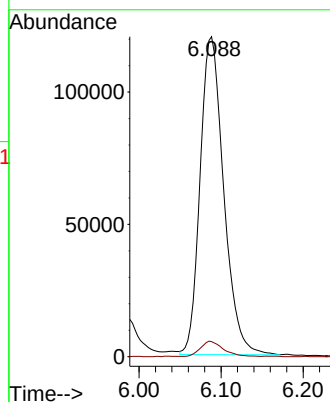
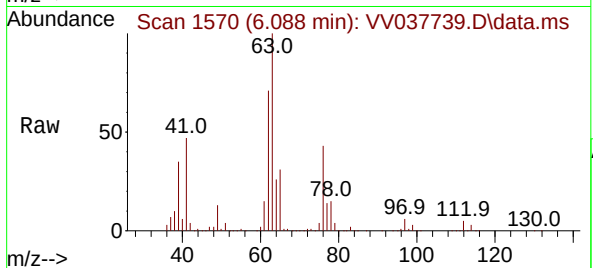




#37
1,2-Dichloropropane
Concen: 53.321 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

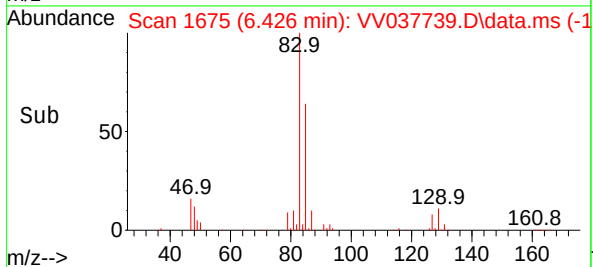
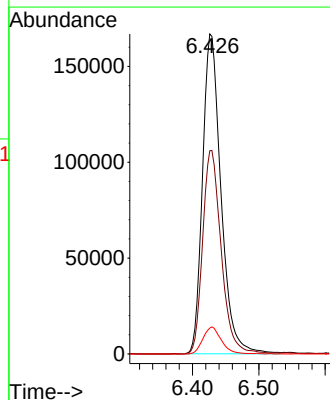
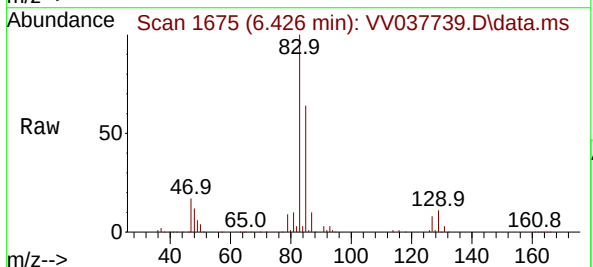
Instrument :
MSVOA_V
ClientSampleId :

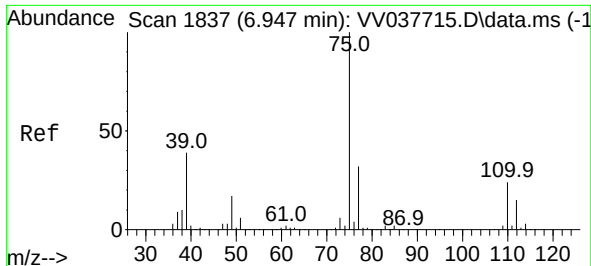
Tgt Ion: 63 Resp: 240486
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 53.559 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Tgt Ion: 83 Resp: 322911
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9
127 8.1 7.0 10.4

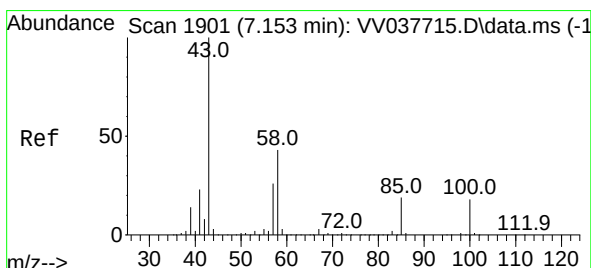
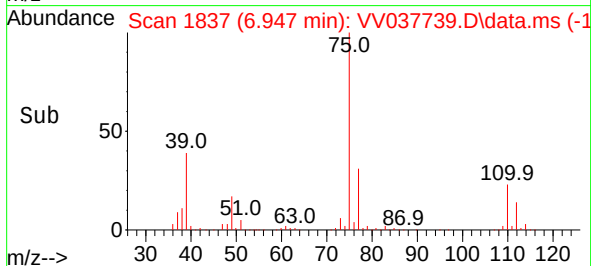
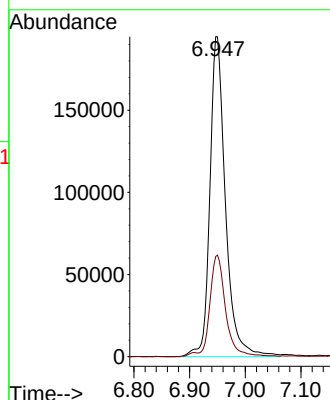
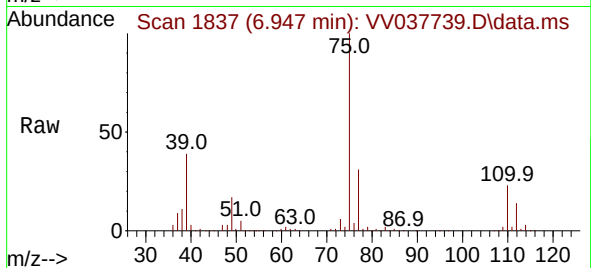




#39
 cis-1,3-Dichloropropene
 Concen: 52.692 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV037739.D
 Acq: 11 Oct 2024 18:02

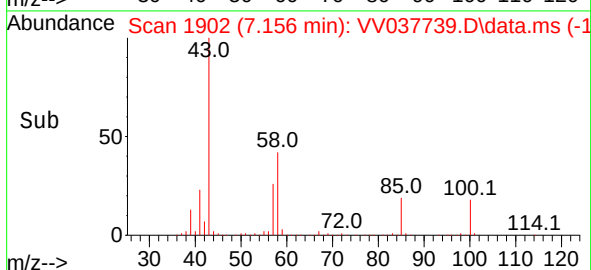
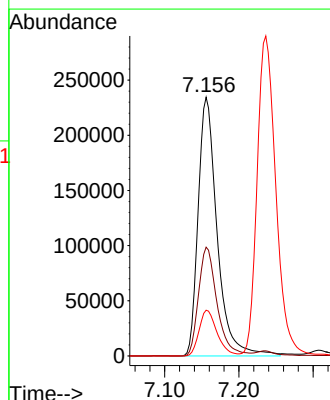
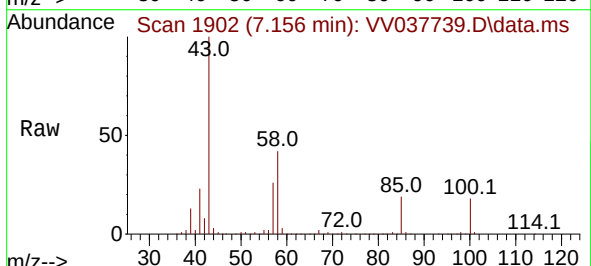
Instrument :
 MSVOA_V
 ClientSampleId :

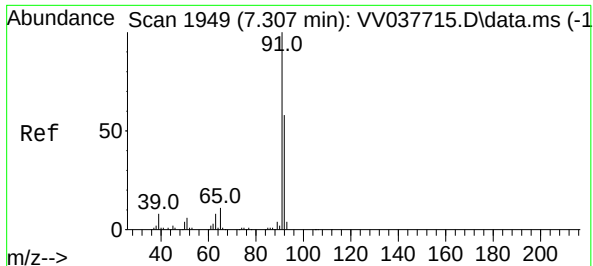
Tgt Ion: 75 Resp: 379353
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 113.913 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV037739.D
 Acq: 11 Oct 2024 18:02

Tgt Ion: 43 Resp: 418313
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.0 49.4
 100 16.8 13.7 20.5





#42

Toluene

Concen: 53.489 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

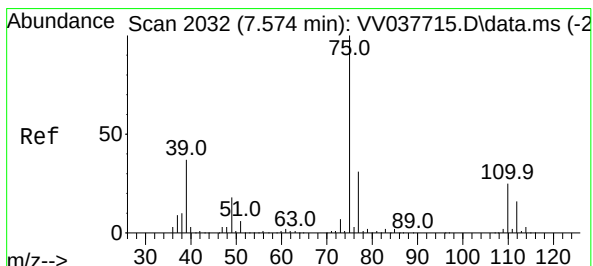
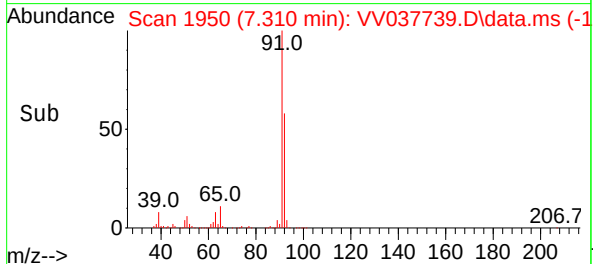
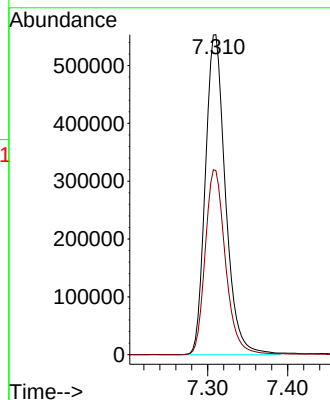
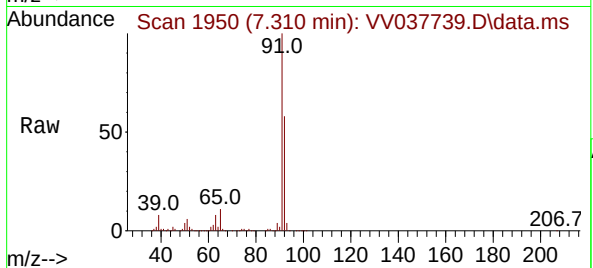
ClientSampleId :

Tgt Ion: 91 Resp: 968502

Ion Ratio Lower Upper

91 100

92 57.5 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 52.431 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037739.D

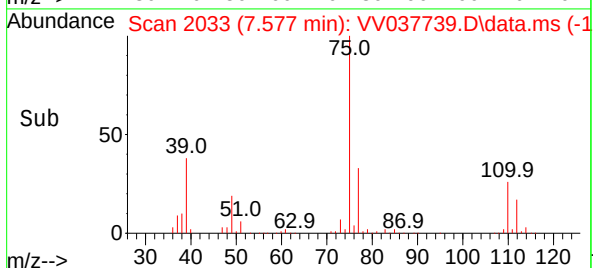
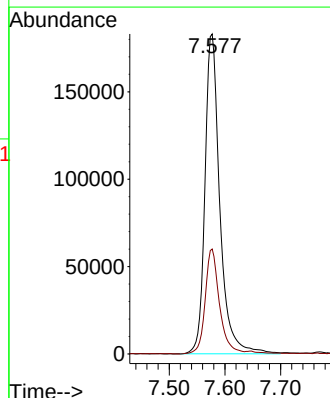
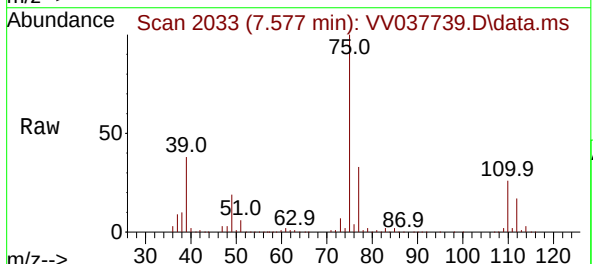
Acq: 11 Oct 2024 18:02

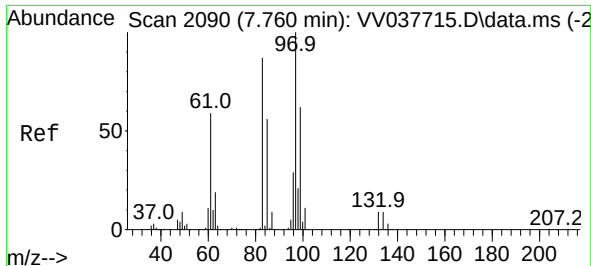
Tgt Ion: 75 Resp: 339846

Ion Ratio Lower Upper

75 100

77 32.8 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 54.196 ug/L

RT: 7.764 min Scan# 2090

Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 234706

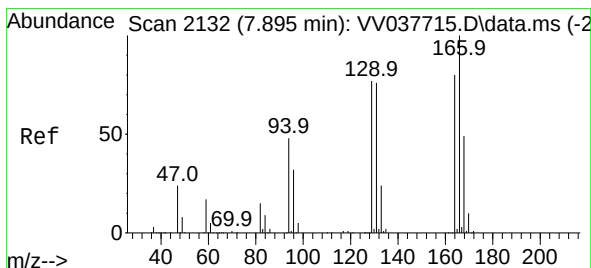
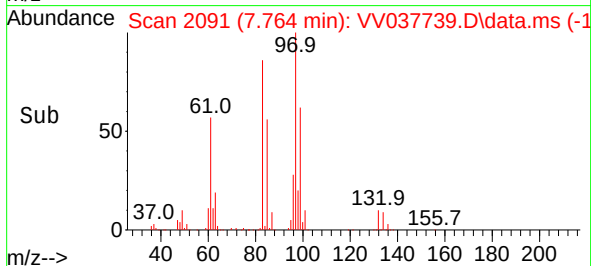
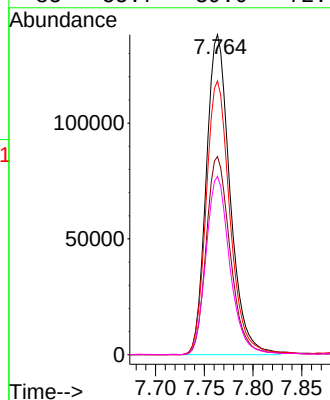
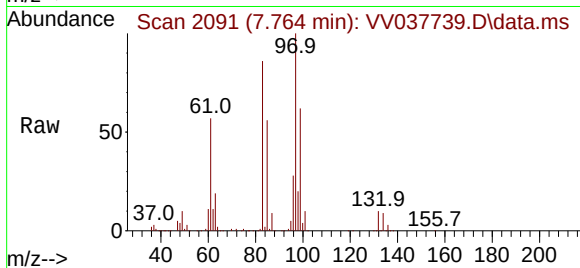
Ion Ratio Lower Upper

97 100

99 61.9 44.1 81.9

83 85.6 59.3 110.1

85 55.7 39.0 72.4



#46

Tetrachloroethene

Concen: 50.373 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Tgt Ion:164 Resp: 179141

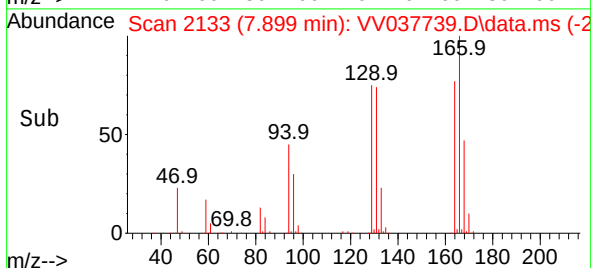
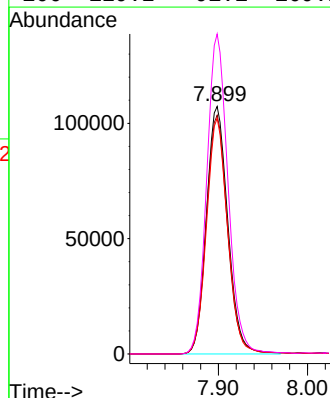
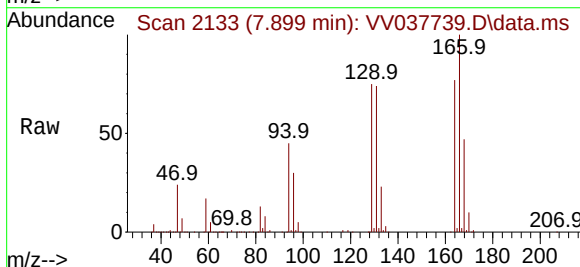
Ion Ratio Lower Upper

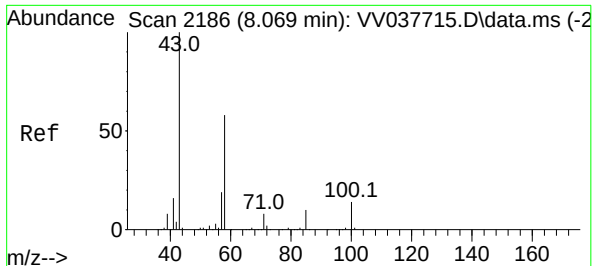
164 100

129 96.4 68.2 126.6

131 95.2 66.1 122.8

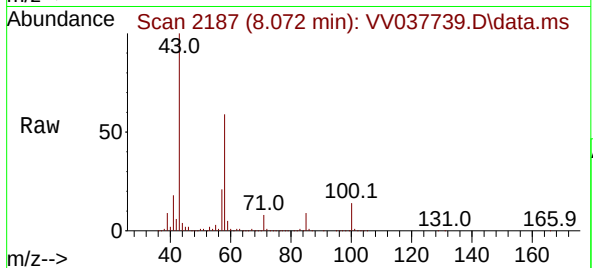
166 129.2 91.1 169.1



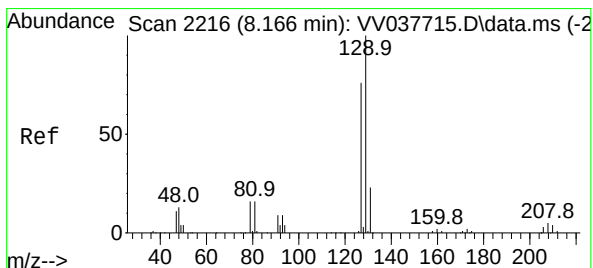
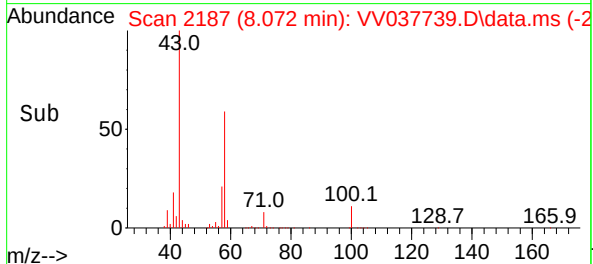
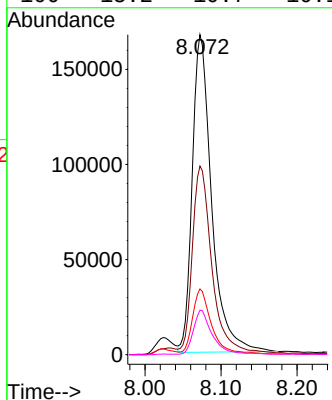


#48
2-Hexanone
Concen: 103.923 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Instrument :
MSVOA_V
ClientSampleId :

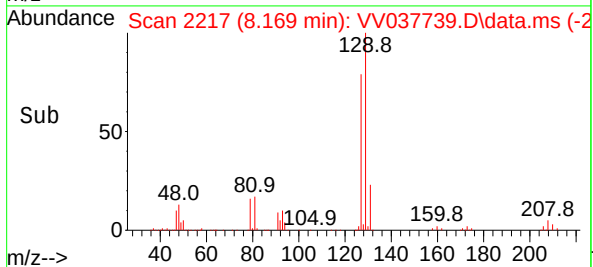
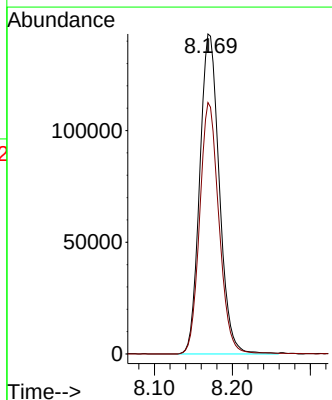
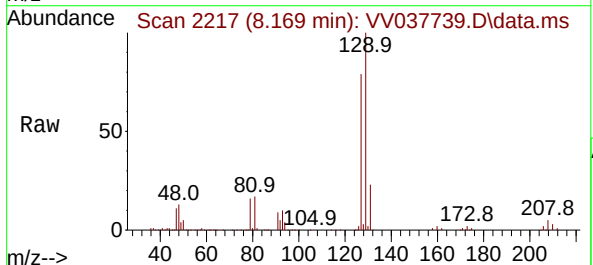


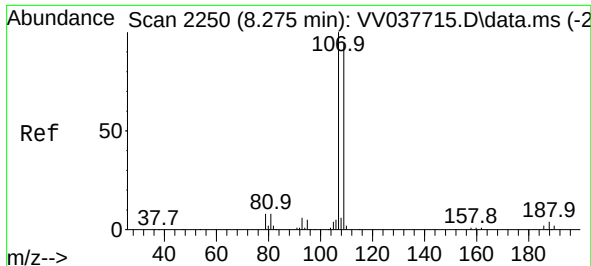
Tgt Ion: 43 Resp: 296747
Ion Ratio Lower Upper
43 100
58 59.4 46.5 69.7
57 19.0 15.1 22.7
100 13.2 10.7 16.1



#49
Dibromochloromethane
Concen: 54.390 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

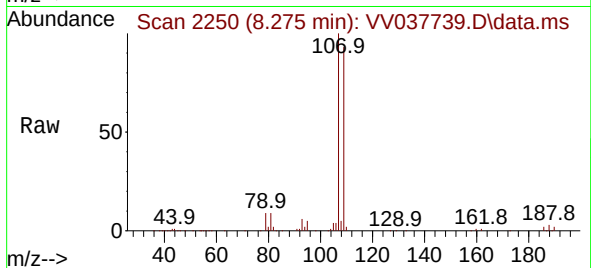
Tgt Ion: 129 Resp: 249294
Ion Ratio Lower Upper
129 100
127 78.6 54.9 101.9



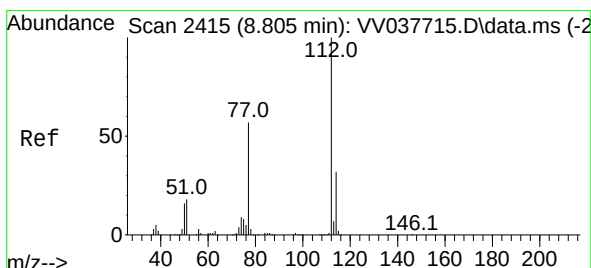
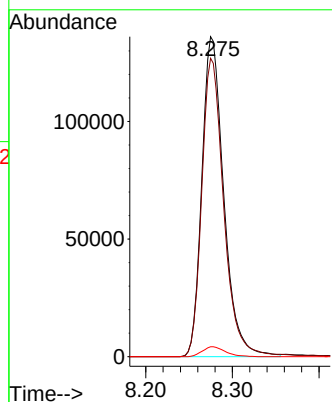
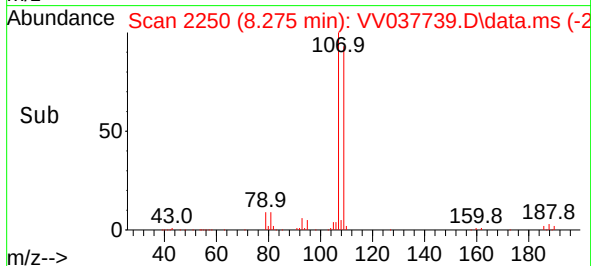


#50
1,2-Dibromoethane
Concen: 53.324 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Instrument :
MSVOA_V
ClientSampleId :

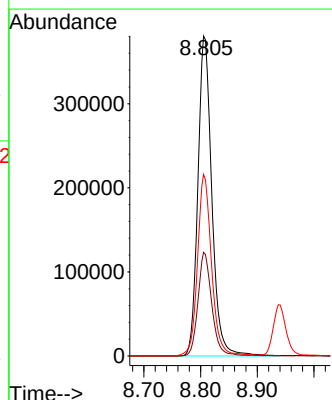
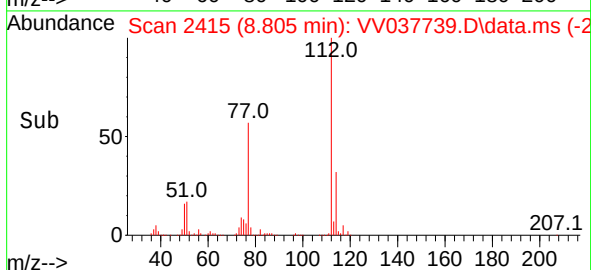
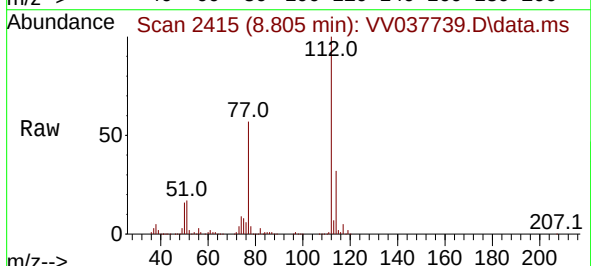


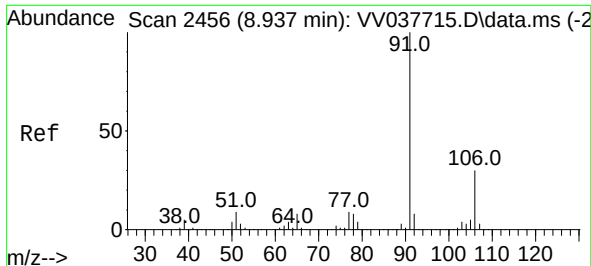
Tgt Ion:107 Resp: 238712
Ion Ratio Lower Upper
107 100
109 93.3 65.7 121.9
188 3.1 2.8 4.2



#51
Chlorobenzene
Concen: 52.700 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Tgt Ion:112 Resp: 650107
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.7
77 56.7 45.8 68.8





#52

Ethylbenzene

Concen: 52.472 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

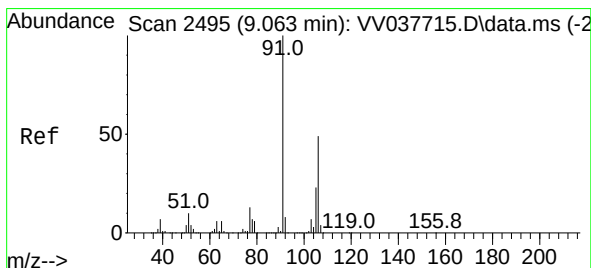
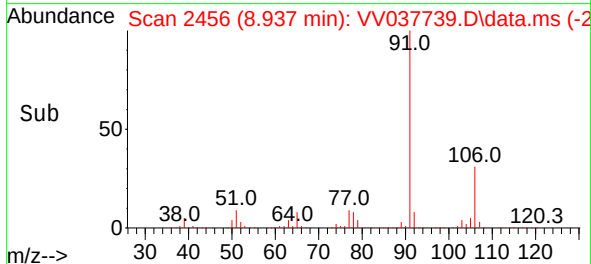
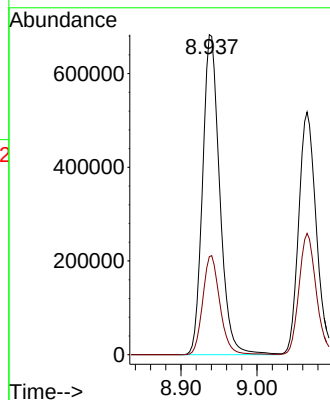
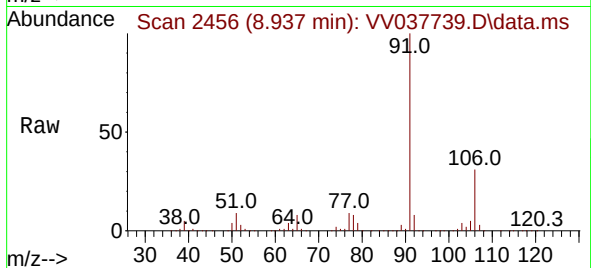
ClientSampleId :

Tgt Ion: 91 Resp: 1069478

Ion Ratio Lower Upper

91 100

106 30.7 21.9 40.7



#53

m,p-Xylene

Concen: 53.857 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037739.D

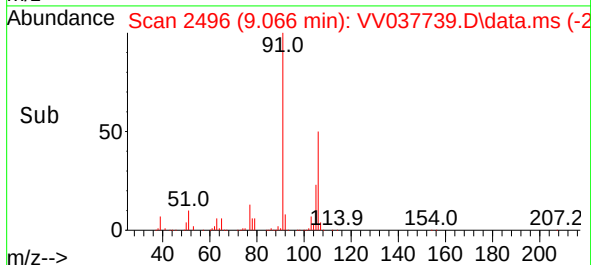
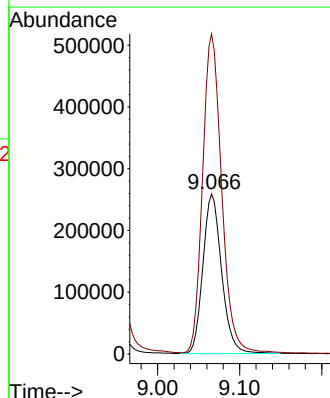
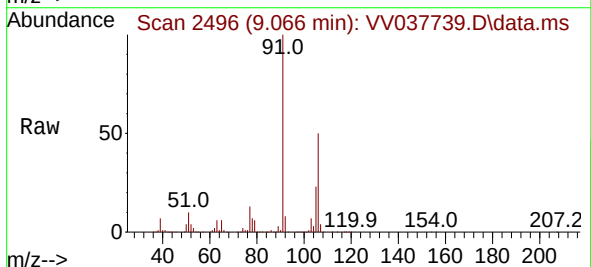
Acq: 11 Oct 2024 18:02

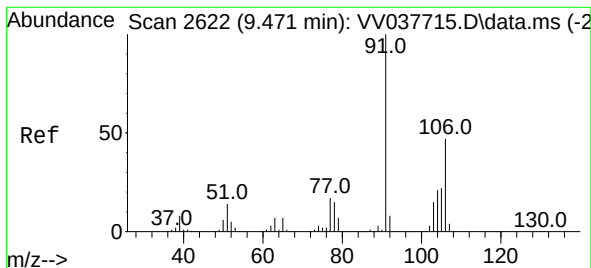
Tgt Ion:106 Resp: 408528

Ion Ratio Lower Upper

106 100

91 200.1 142.0 263.6





#54

o-Xylene

Concen: 53.126 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

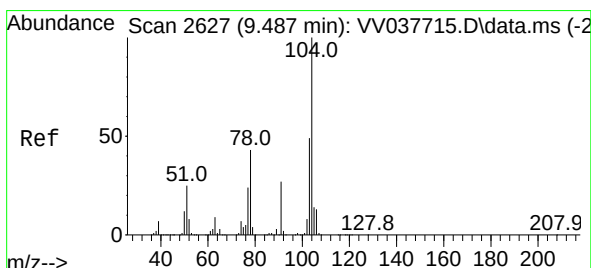
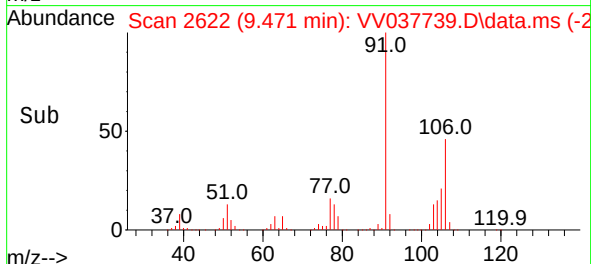
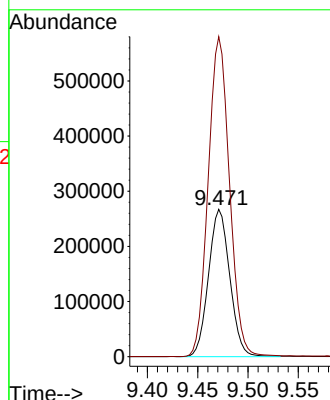
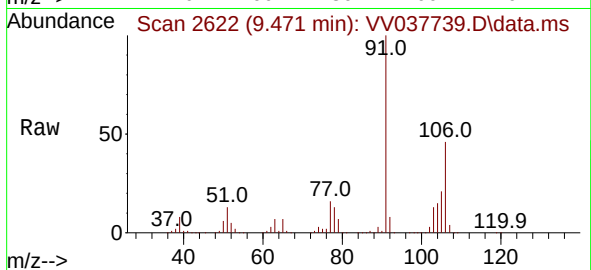
ClientSampleId :

Tgt Ion:106 Resp: 393432

Ion Ratio Lower Upper

106 100

91 217.2 153.9 285.9



#55

Styrene

Concen: 56.155 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.000 min

Lab File: VV037739.D

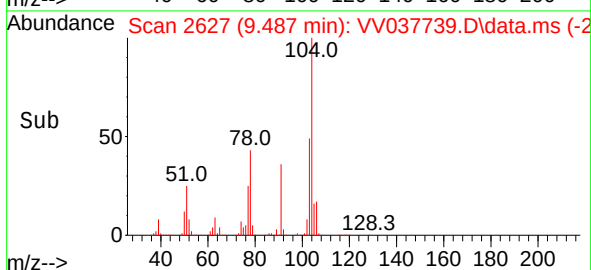
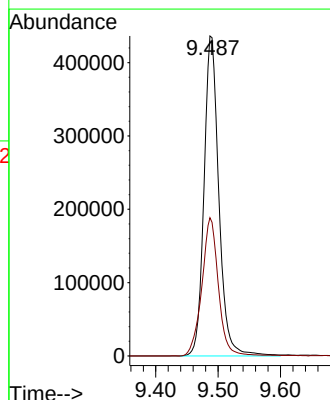
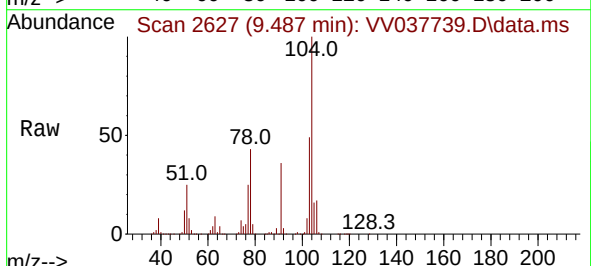
Acq: 11 Oct 2024 18:02

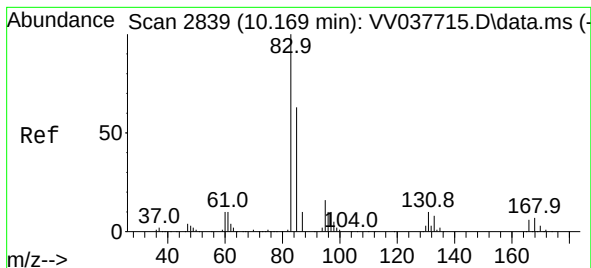
Tgt Ion:104 Resp: 723956

Ion Ratio Lower Upper

104 100

78 43.2 30.0 55.6

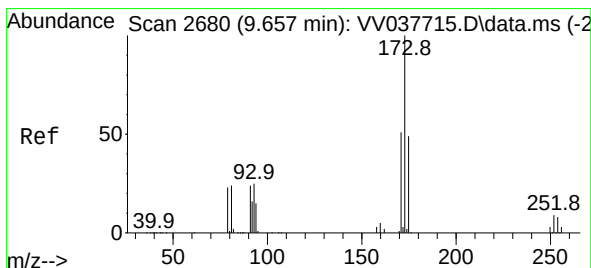
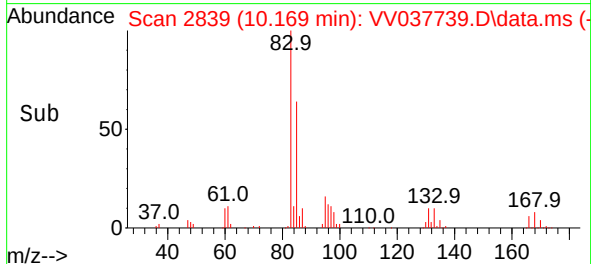
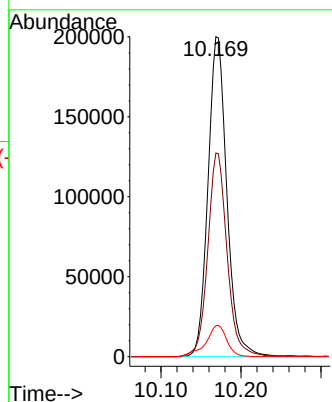
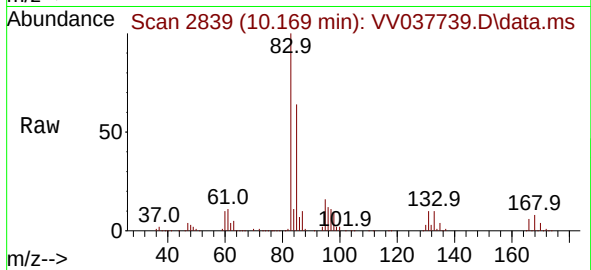




#57
1,1,2,2-Tetrachloroethane
Concen: 54.371 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

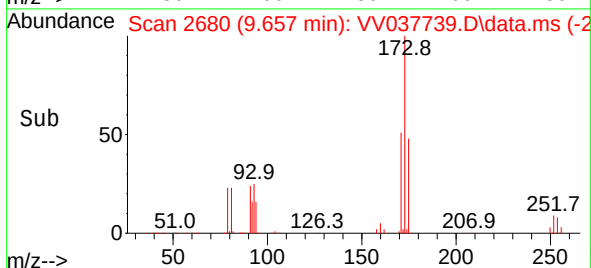
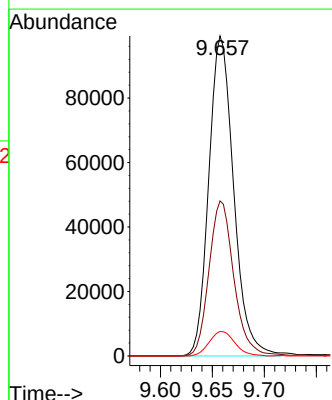
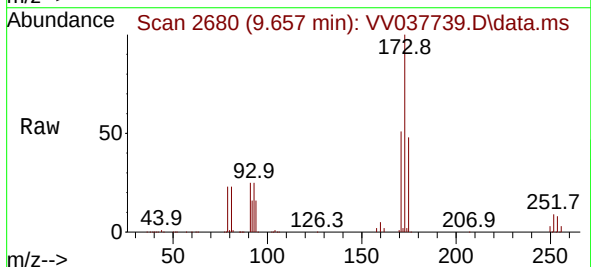
Instrument :
MSVOA_V
ClientSampleId :

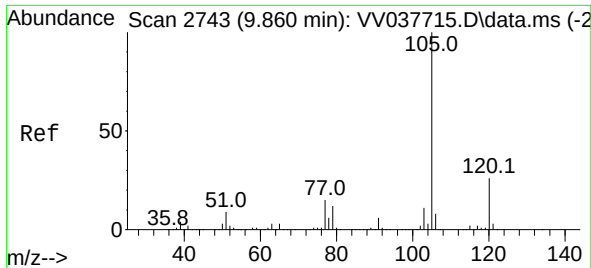
Tgt Ion: 83 Resp: 328283
Ion Ratio Lower Upper
83 100
85 63.7 45.9 85.3
131 9.7 7.9 11.9



#59
Bromoform
Concen: 53.024 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

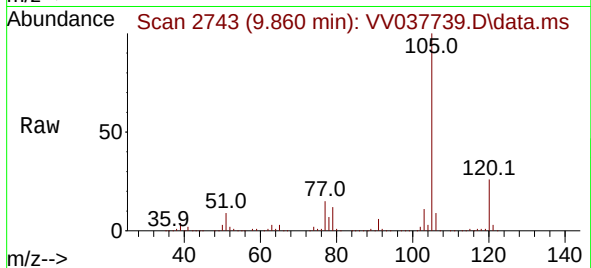
Tgt Ion: 173 Resp: 165154
Ion Ratio Lower Upper
173 100
175 48.4 40.0 60.0
254 7.9 6.5 9.7



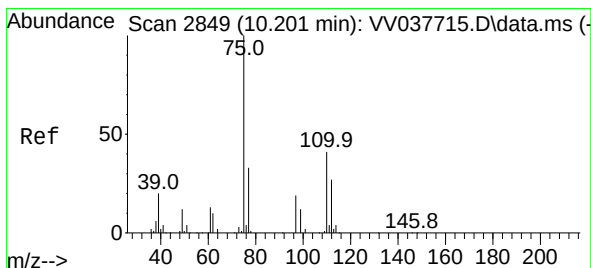
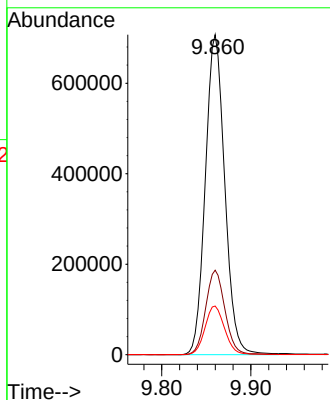
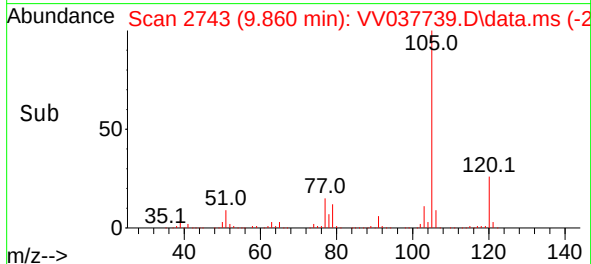


#60
Isopropylbenzene
Concen: 51.656 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

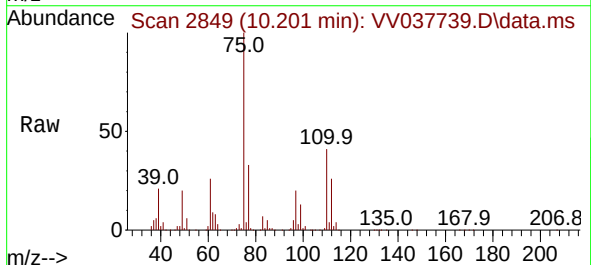
Instrument :
MSVOA_V
ClientSampleId :



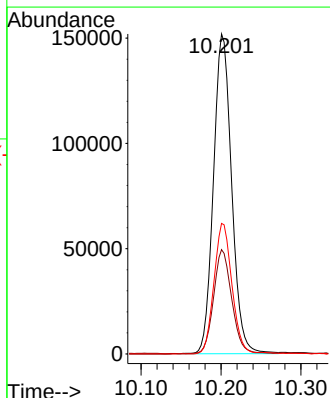
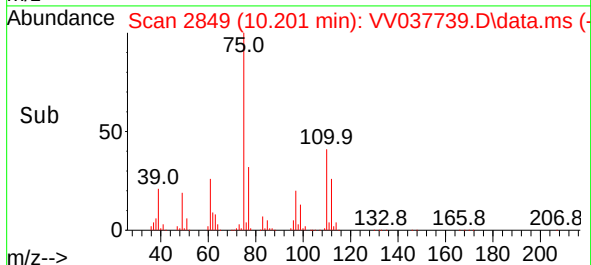
Tgt Ion:105 Resp: 1070244
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.2 12.2 18.2

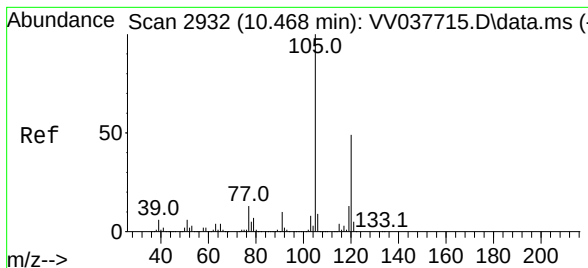


#61
1,2,3-Trichloropropane
Concen: 52.785 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02



Tgt Ion: 75 Resp: 239363
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 40.2 31.7 47.5

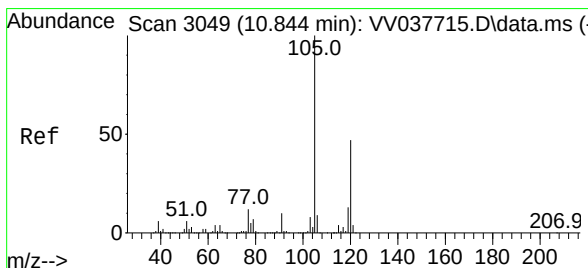
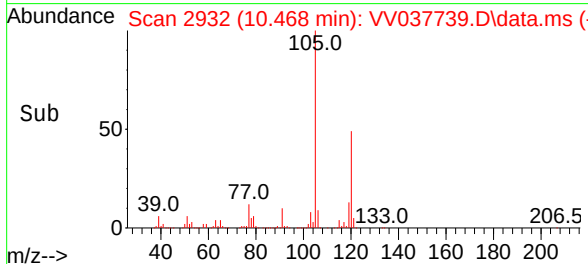
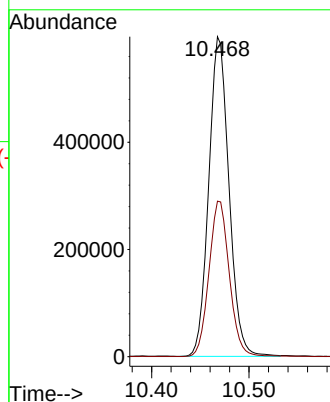
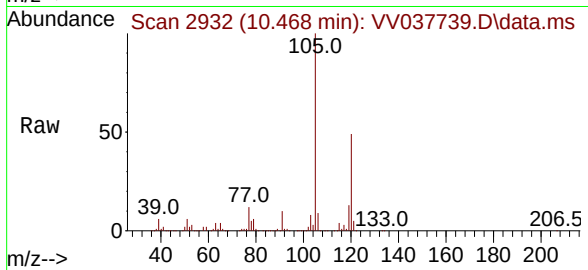




#62
1,3,5-Trimethylbenzene
Concen: 52.375 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

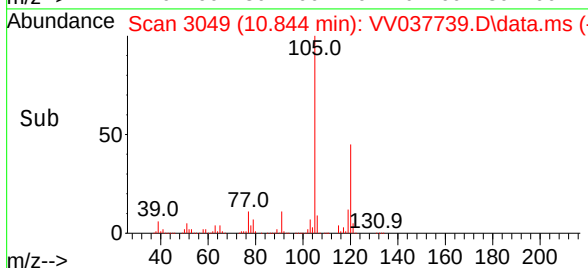
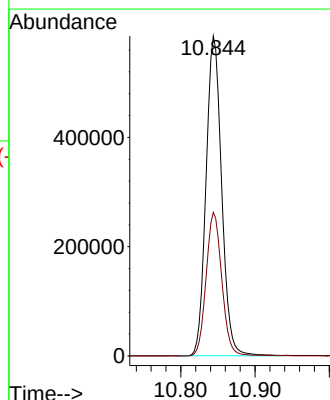
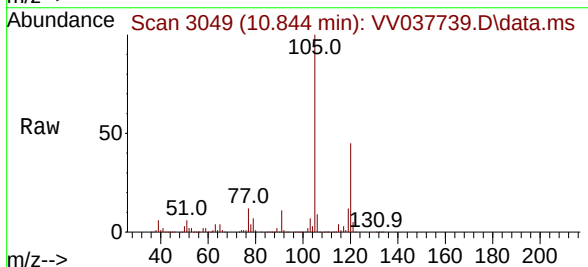
Instrument :
MSVOA_V
ClientSampleId :

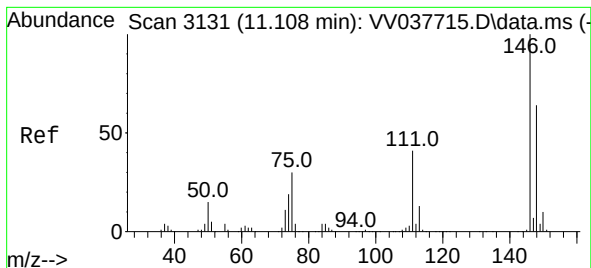
Tgt Ion:105 Resp: 857921
Ion Ratio Lower Upper
105 100
120 49.2 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 52.450 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VV037739.D
Acq: 11 Oct 2024 18:02

Tgt Ion:105 Resp: 854826
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 51.691 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

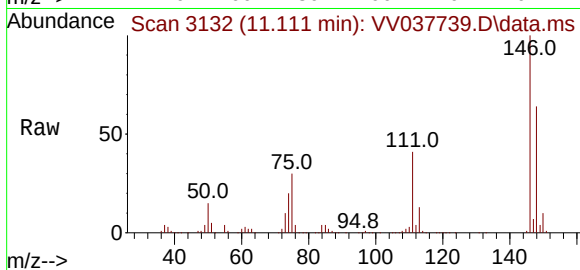
Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :



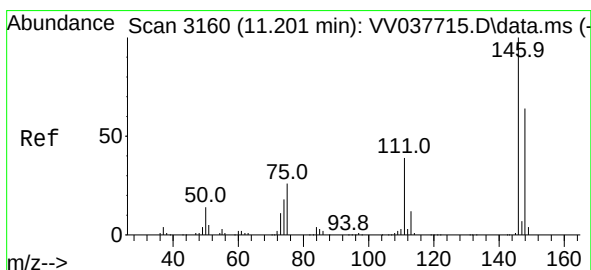
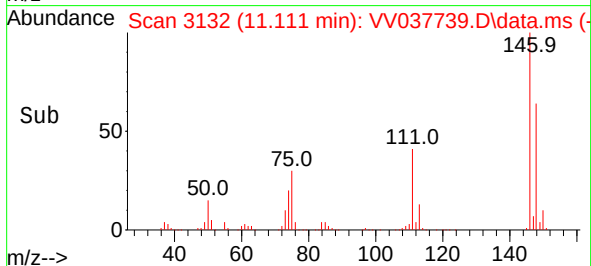
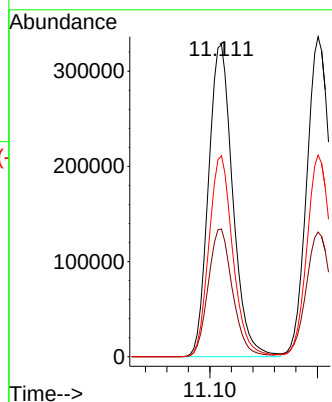
Tgt Ion:146 Resp: 515497

Ion Ratio Lower Upper

146 100

111 40.9 28.3 52.5

148 64.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 51.964 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

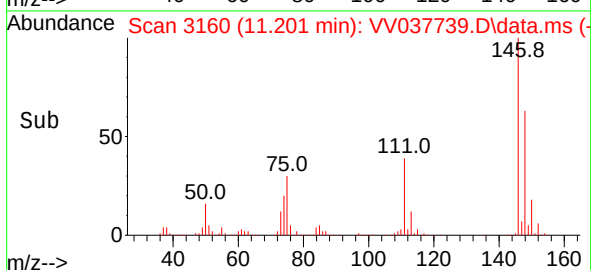
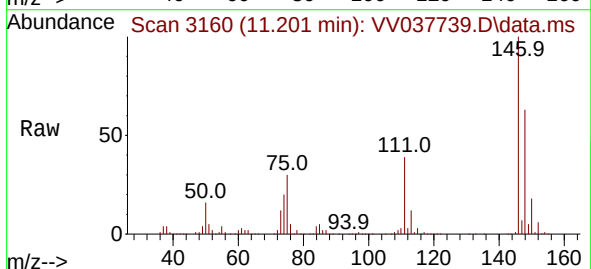
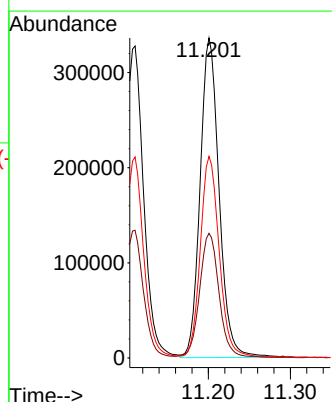
Tgt Ion:146 Resp: 539612

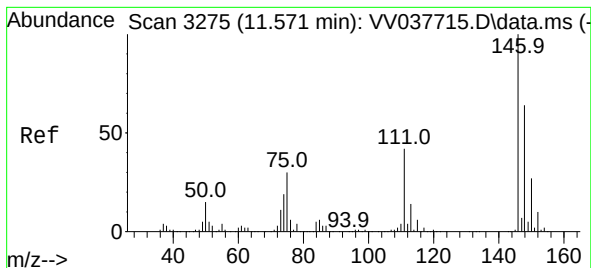
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.4

148 63.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 52.148 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :

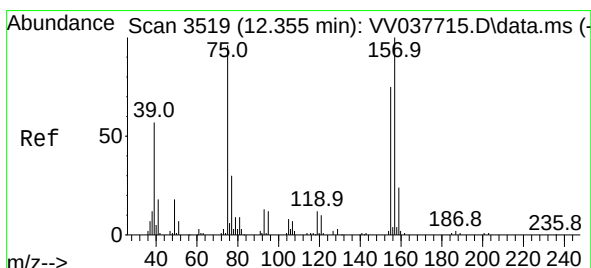
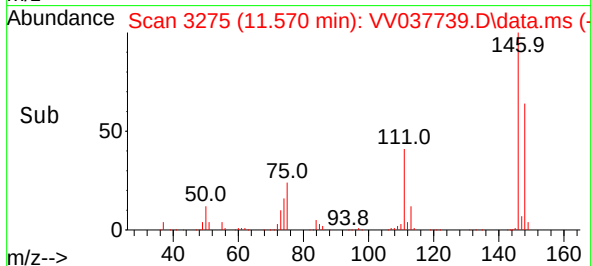
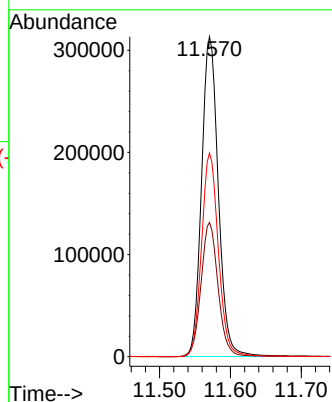
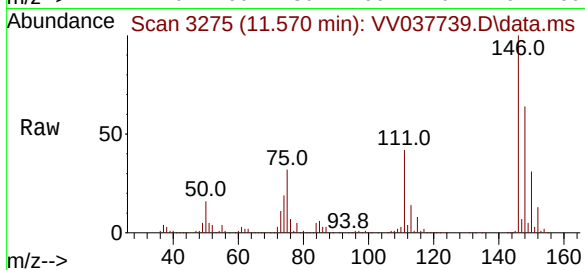
Tgt Ion:146 Resp: 514101

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.2

148 63.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.994 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

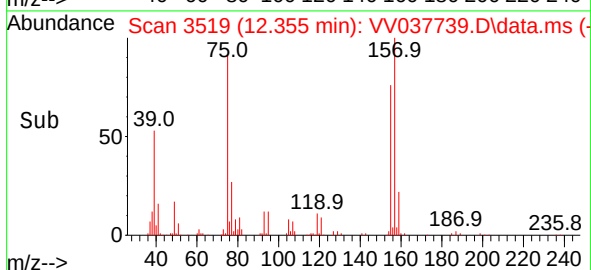
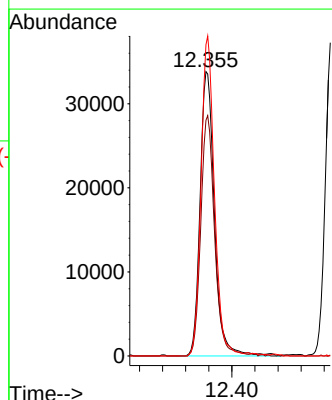
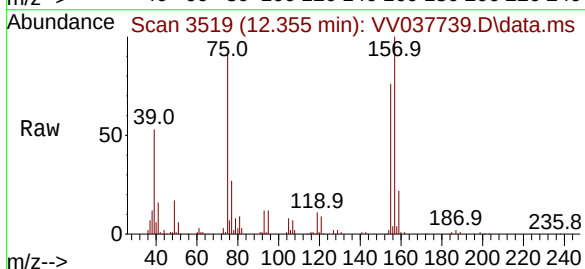
Tgt Ion: 75 Resp: 58335

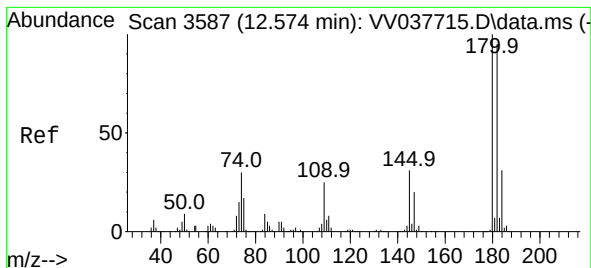
Ion Ratio Lower Upper

75 100

155 82.9 66.2 99.4

157 109.5 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 49.504 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

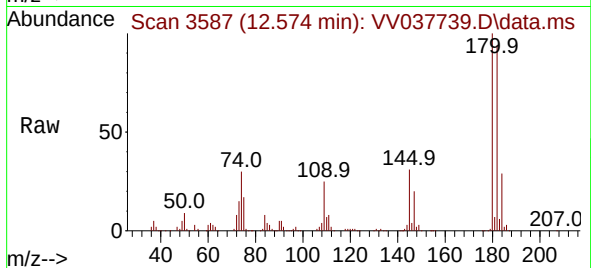
Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 339500

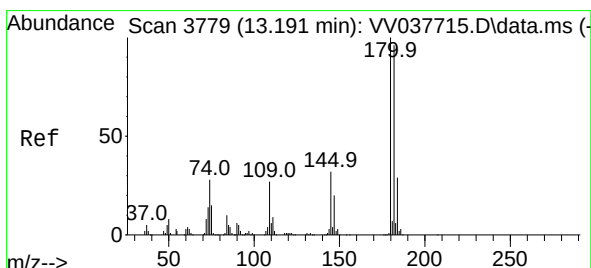
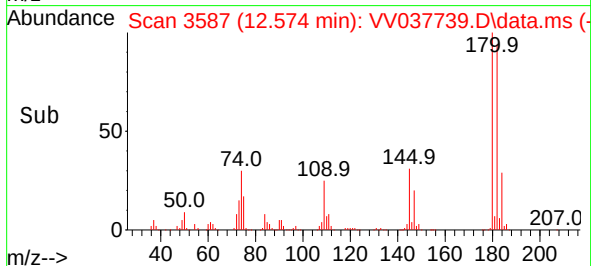
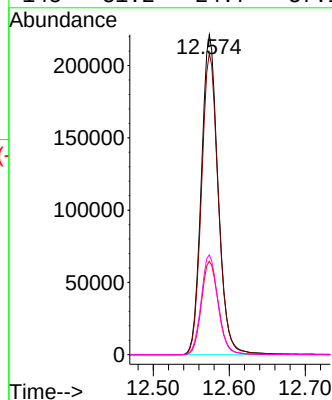
Ion Ratio Lower Upper

180 100

182 94.4 75.6 113.4

184 29.6 23.8 35.6

145 31.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 49.042 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

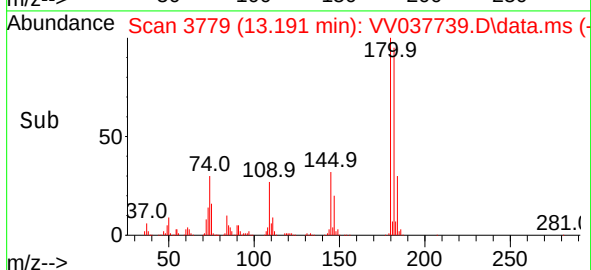
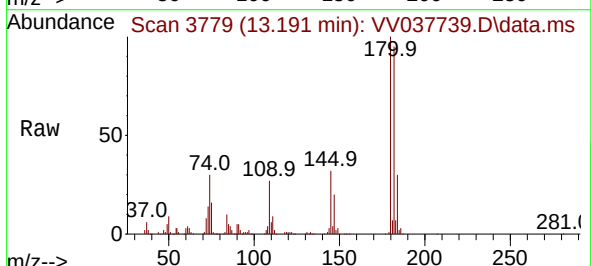
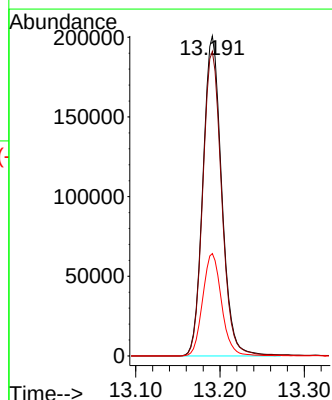
Tgt Ion:180 Resp: 312047

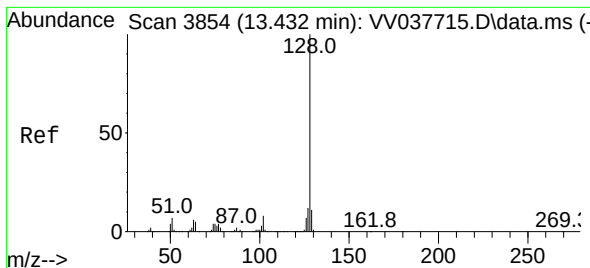
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 32.2 25.4 38.2





#71

Naphthalene

Concen: 53.212 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :

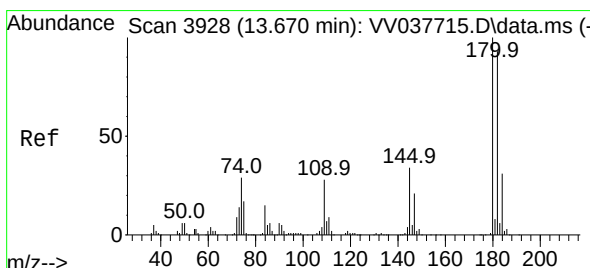
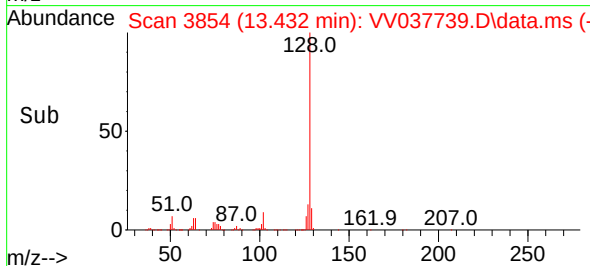
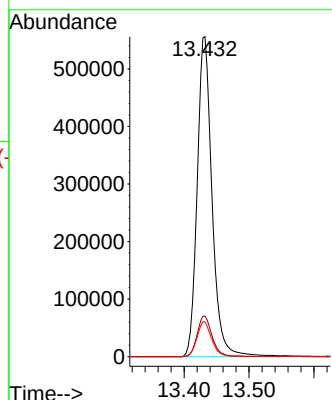
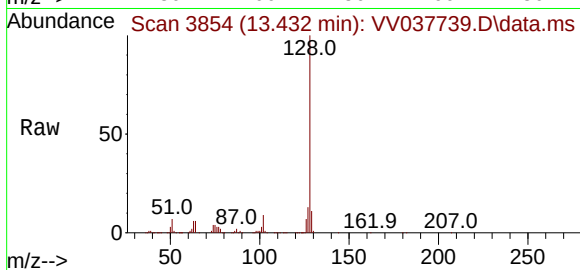
Tgt Ion:128 Resp: 884603

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 51.166 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.000 min

Lab File: VV037739.D

Acq: 11 Oct 2024 18:02

Tgt Ion:180 Resp: 321499

Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.8

145 34.5 26.2 39.4

