

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100824\
 Data File : VV037772.D
 Acq On : 08 Oct 2024 16:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 05:11:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 05:07:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	600198	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	591398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	332149	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	217805	41.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.680%
7) Chloroethane-d5	1.532	69	186966	45.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	2.056	65	96464	43.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.640%
21) 2-Butanone-d5	3.796	46	178492	95.113	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.110%
24) Chloroform-d	4.243	84	465558	49.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
26) 1,2-Dichloroethane-d4	4.937	65	268499	48.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
32) Benzene-d6	4.950	84	872668	47.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	5.982	67	282559	47.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.900%
41) Toluene-d8	7.236	98	805069	47.976	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	7.548	79	124604	45.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.040%
47) 2-Hexanone-d5	8.024	63	118237	95.020	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.020%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	342845	50.072	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	11.554	152	310067	44.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	233991	45.795	ug/L	100
3) Chloromethane	1.220	50	234064	47.185	ug/L	100
5) Vinyl chloride	1.285	62	249168	46.853	ug/L	99
6) Bromomethane	1.487	94	137650	46.641	ug/L	99
8) Chloroethane	1.548	64	157777	48.135	ug/L	99
9) Trichlorofluoromethane	1.712	101	348748	48.718	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	206384	48.247	ug/L	99
12) 1,1-Dichloroethene	2.069	96	192293	48.124	ug/L	85
13) Acetone	2.114	43	139431	75.791	ug/L	99
14) Carbon disulfide	2.236	76	540605	43.343	ug/L	100
15) Methyl Acetate	2.371	43	174330	54.300	ug/L	99
16) Methylene chloride	2.442	84	223042	49.298	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	203878	48.230	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	632699	52.169	ug/L	99
19) 1,1-Dichloroethane	3.105	63	409282	50.534	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	233584	49.379	ug/L	98
22) 2-Butanone	3.876	43	186723	91.700	ug/L	98
23) Bromochloromethane	4.140	128	123606	50.514	ug/L	97
25) Chloroform	4.268	83	430187	51.301	ug/L	99

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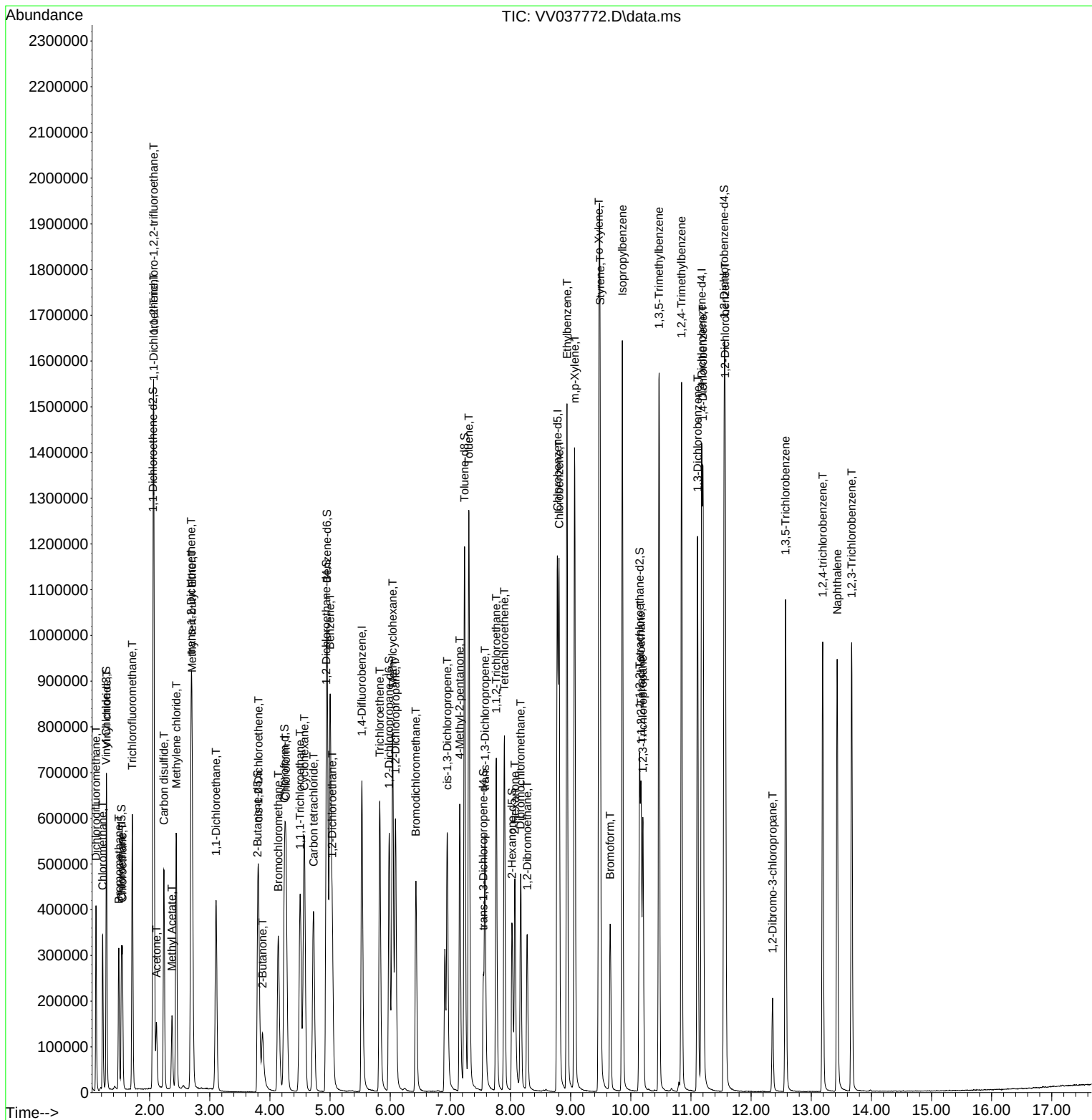
Instrument :
 MSVOA_V
 ClientSampleId :

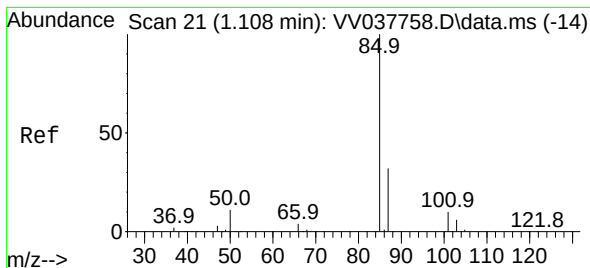
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	307288	51.908	ug/L	99
29) Cyclohexane	4.571	56	293531	43.714	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	364237	50.006	ug/L	99
31) Carbon tetrachloride	4.725	117	307376	48.538	ug/L	99
33) Benzene	5.002	78	893563	50.099	ug/L	100
34) Trichloroethene	5.825	95	229668	48.352	ug/L	98
35) Methylcyclohexane	6.040	83	329189	45.050	ug/L	98
37) 1,2-Dichloropropane	6.088	63	231733	50.314	ug/L	98
38) Bromodichloromethane	6.426	83	318982	51.809	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	364161	49.532	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	404050	107.746	ug/L	99
42) Toluene	7.307	91	953911	51.590	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	333998	50.460	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	233955	52.902	ug/L	99
46) Tetrachloroethene	7.899	164	171995	47.360	ug/L	98
48) 2-Hexanone	8.072	43	286210	98.153	ug/L	98
49) Dibromochloromethane	8.169	129	244712	52.282	ug/L	99
50) 1,2-Dibromoethane	8.278	107	231842	50.715	ug/L	100
51) Chlorobenzene	8.808	112	627850	49.840	ug/L	99
52) Ethylbenzene	8.940	91	1032233	49.594	ug/L	98
53) m,p-Xylene	9.066	106	390417	50.401	ug/L	99
54) o-Xylene	9.471	106	380634	50.332	ug/L	98
55) Styrene	9.490	104	696876	52.933	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	317586	51.507	ug/L	99
59) Bromoform	9.657	173	161680	49.804	ug/L	98
60) Isopropylbenzene	9.860	105	1029834	47.690	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	236757	50.093	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	813841	47.669	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	812823	47.850	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	494748	47.599	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	520197	48.063	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	493170	47.996	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	54270	47.303	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	322804	45.161	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	290870	43.860	ug/L	100
71) Naphthalene	13.432	128	763117	44.043	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	297597	45.442	ug/L	99

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

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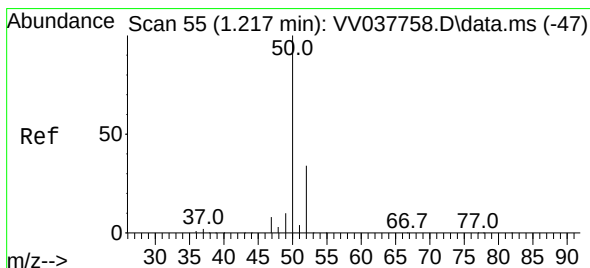
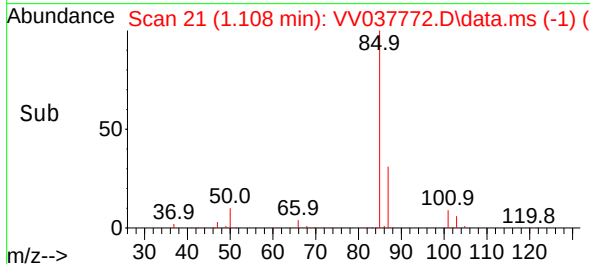
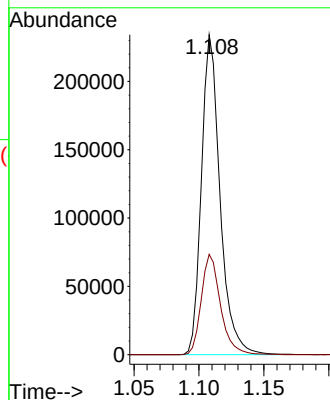
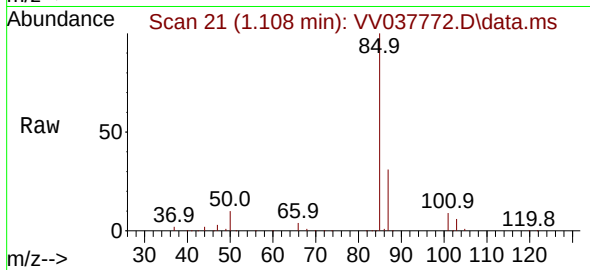




#2
 Dichlorodifluoromethane
 Concen: 45.795 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037772.D
 Acq: 08 Oct 2024 16:35

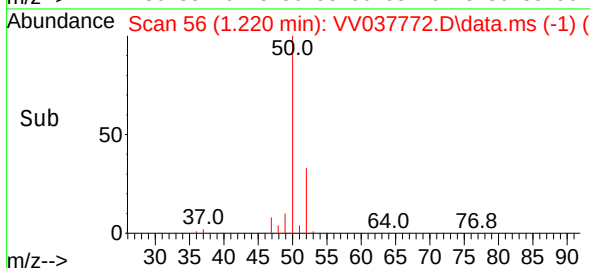
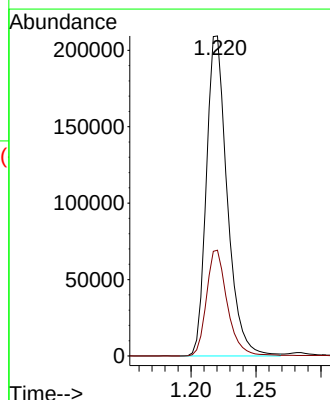
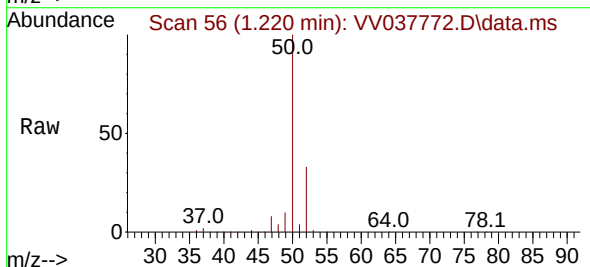
Instrument :
 MSVOA_V
 ClientSampleId :

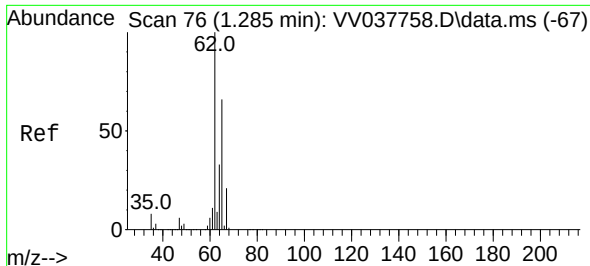
Tgt Ion: 85 Resp: 233991
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 47.185 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV037772.D
 Acq: 08 Oct 2024 16:35

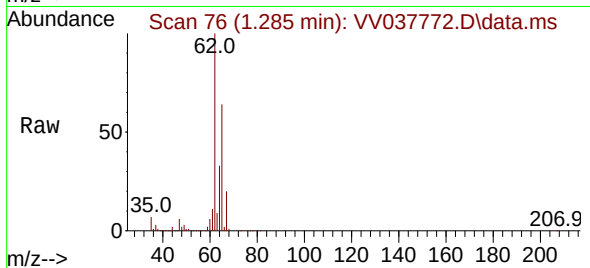
Tgt Ion: 50 Resp: 234064
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.2



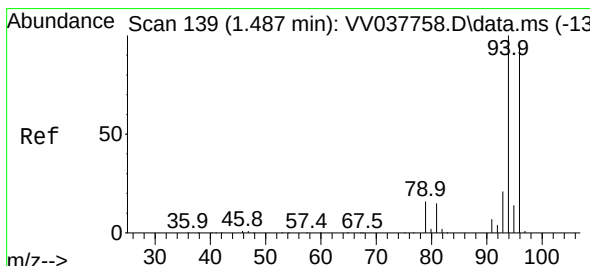
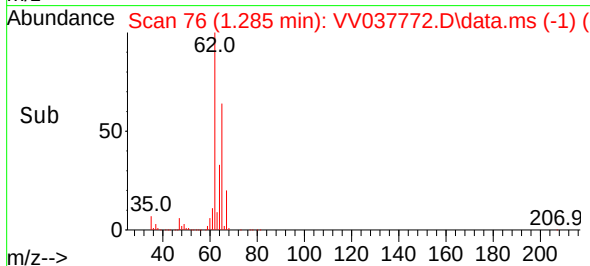
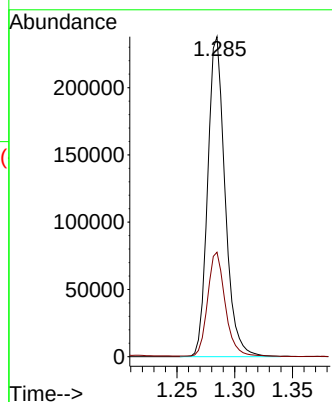


#5
 Vinyl chloride
 Concen: 46.853 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037772.D
 Acq: 08 Oct 2024 16:35

Instrument :
 MSVOA_V
 ClientSampleId :

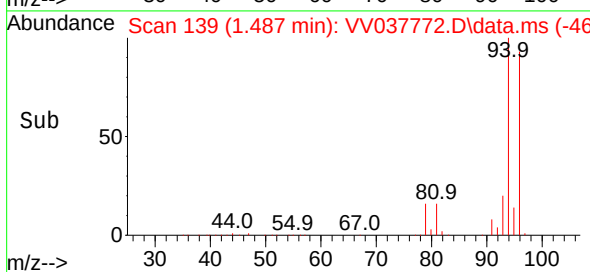
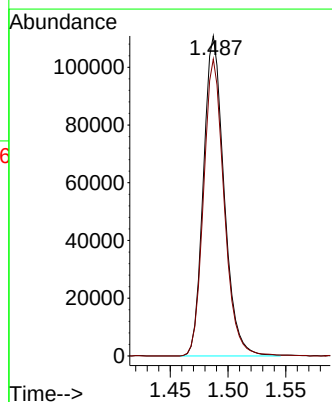
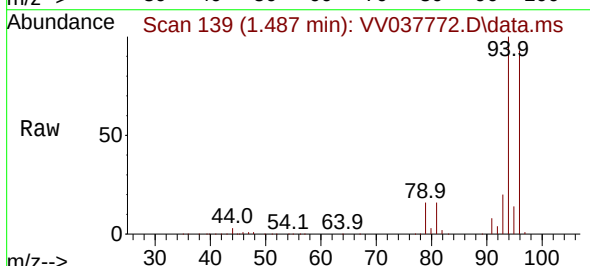


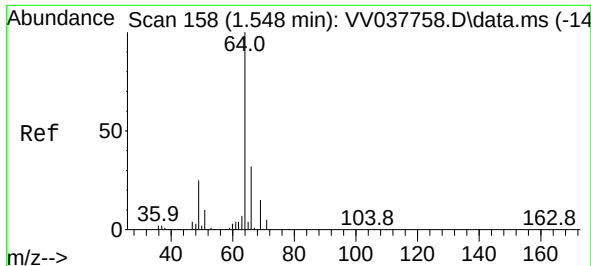
Tgt Ion: 62 Resp: 249168
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 46.641 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037772.D
 Acq: 08 Oct 2024 16:35

Tgt Ion: 94 Resp: 137650
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.8 122.2

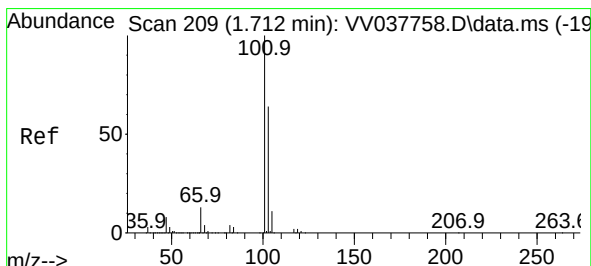
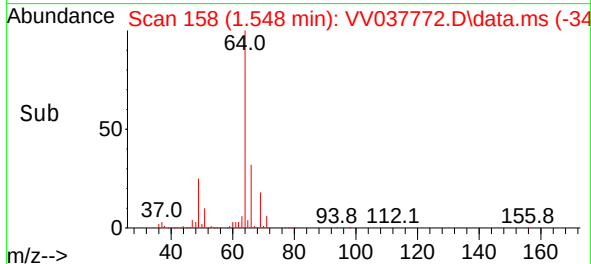
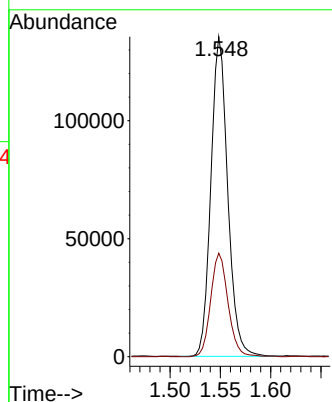
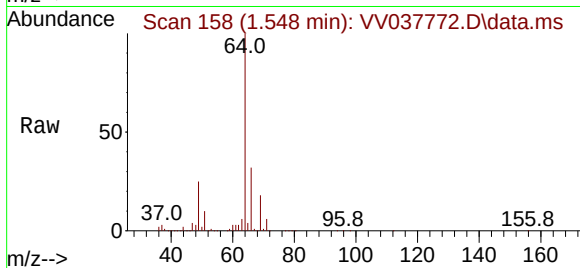




#8
Chloroethane
Concen: 48.135 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

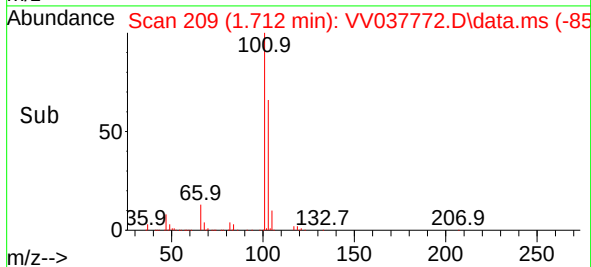
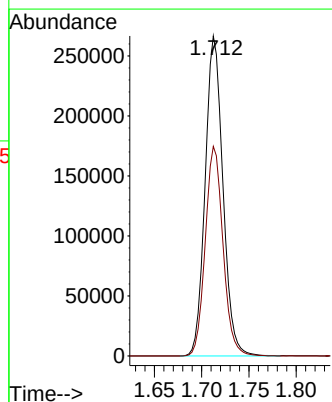
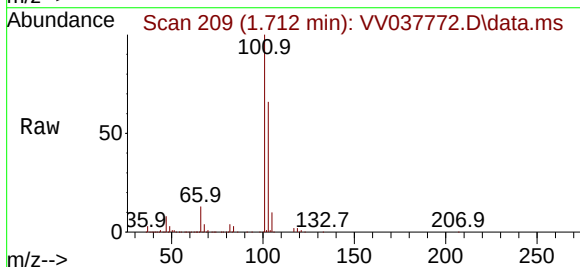
Instrument :
MSVOA_V
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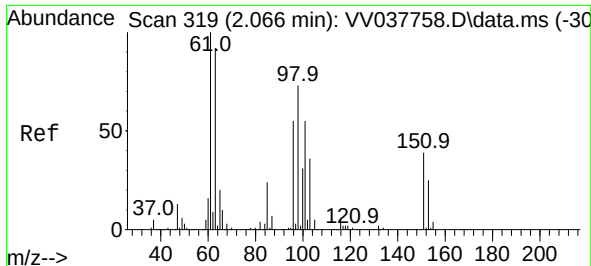
Tgt Ion: 64 Resp: 157777
Ion Ratio Lower Upper
64 100
66 32.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 48.718 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion:101 Resp: 348748
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

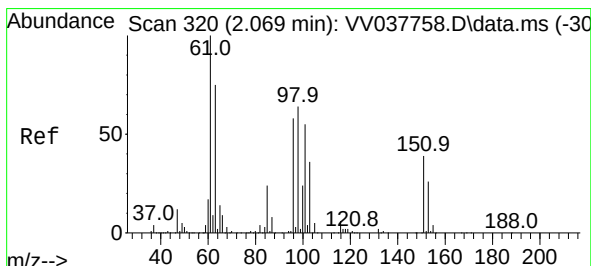
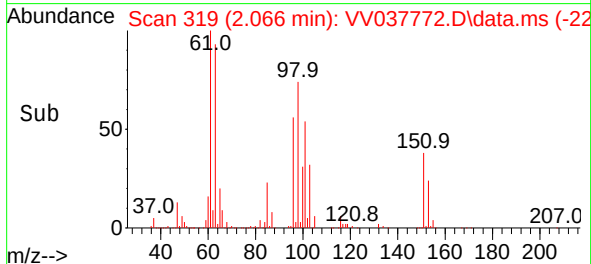
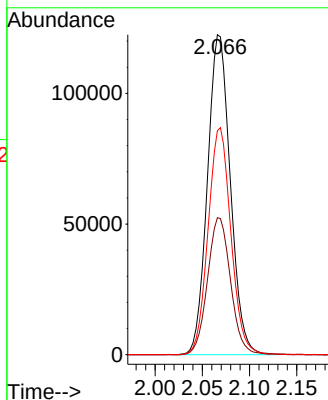
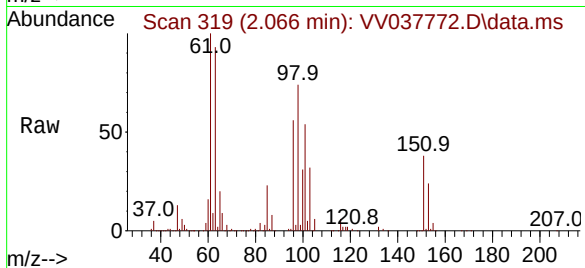




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.247 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

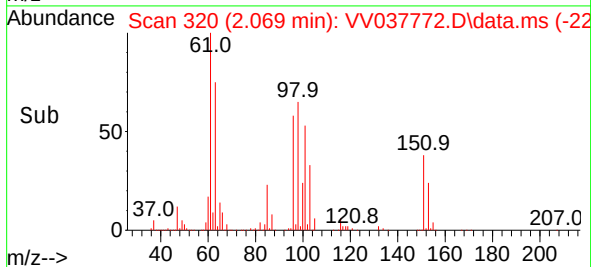
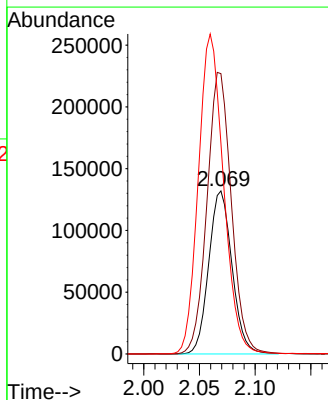
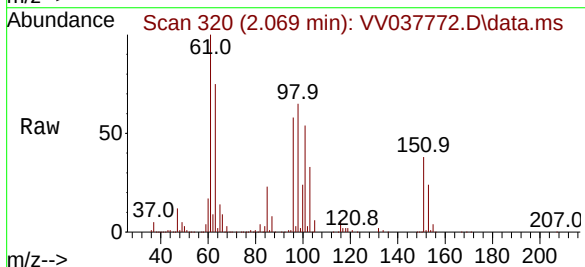
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ClientSampleId :

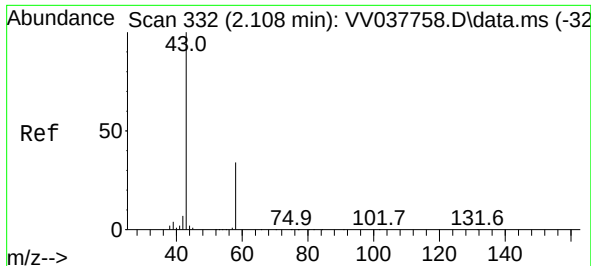
Tgt Ion:101 Resp: 206384
Ion Ratio Lower Upper
101 100
85 43.0 34.6 52.0
151 70.7 57.5 86.3



#12
1,1-Dichloroethene
Concen: 48.124 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion: 96 Resp: 192293
Ion Ratio Lower Upper
96 100
61 172.0 122.6 227.6
63 129.3 118.0 219.2





#13

Acetone

Concen: 75.791 ug/L

RT: 2.114 min Scan# 332

Delta R.T. 0.006 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

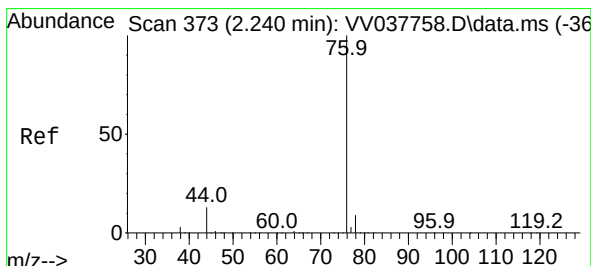
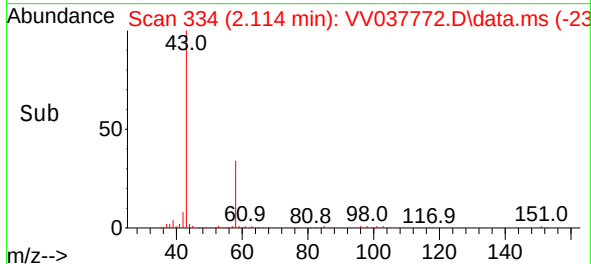
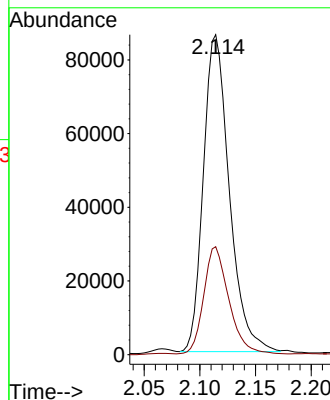
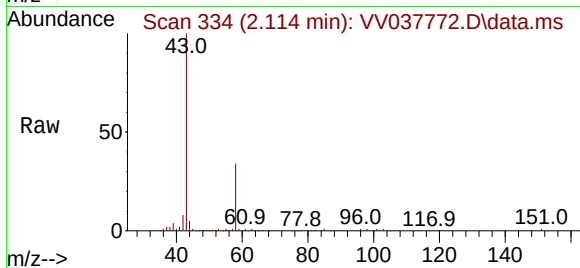
ClientSampleId :

Tgt Ion: 43 Resp: 139431

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.6



#14

Carbon disulfide

Concen: 43.343 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037772.D

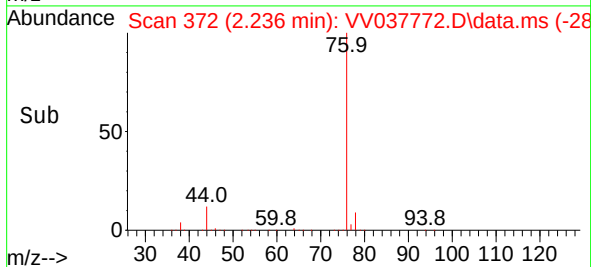
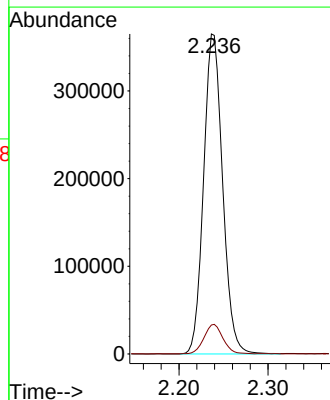
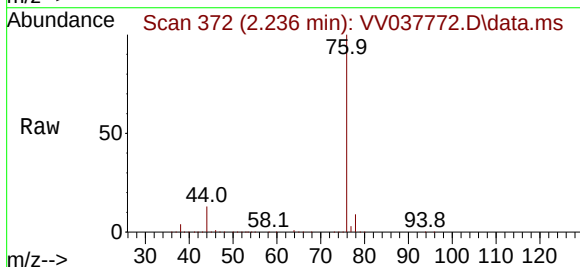
Acq: 08 Oct 2024 16:35

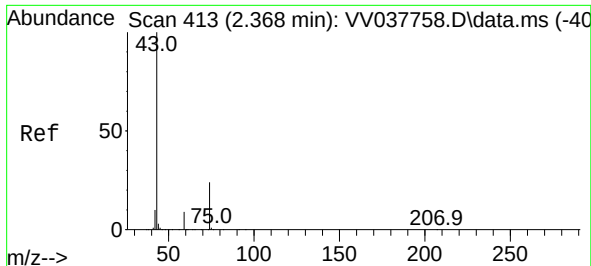
Tgt Ion: 76 Resp: 540605

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 54.300 ug/L

RT: 2.371 min Scan# 413

Delta R.T. 0.003 min

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Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

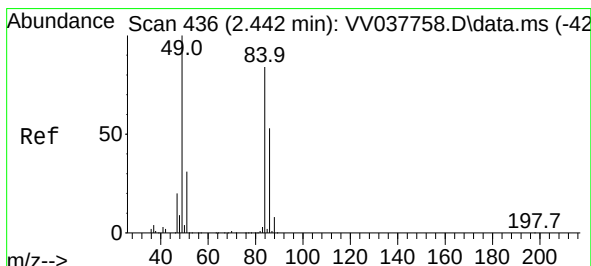
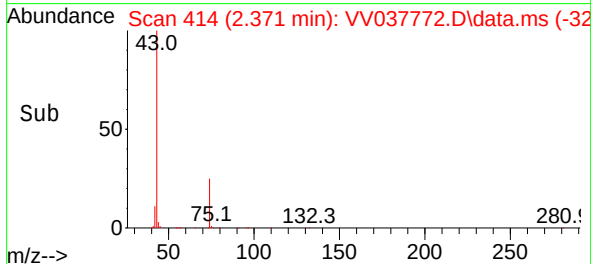
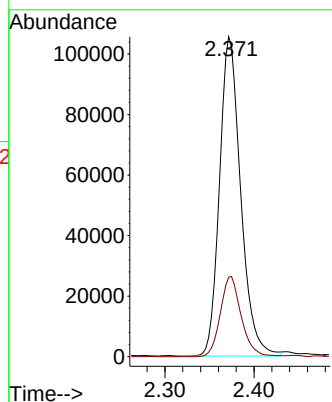
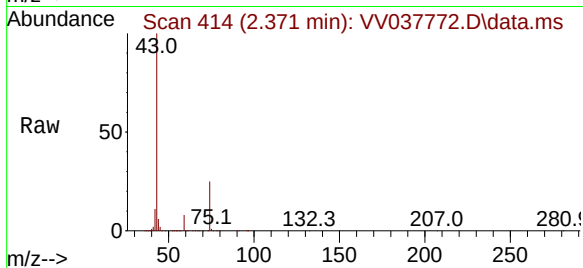
ClientSampleId :

Tgt Ion: 43 Resp: 174330

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.0



#16

Methylene chloride

Concen: 49.298 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

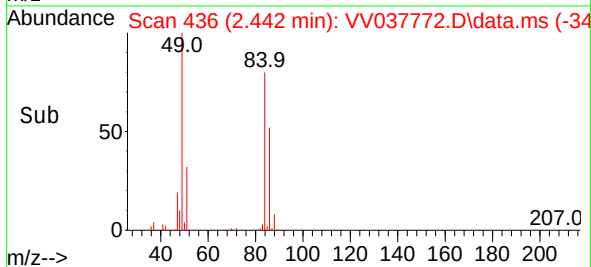
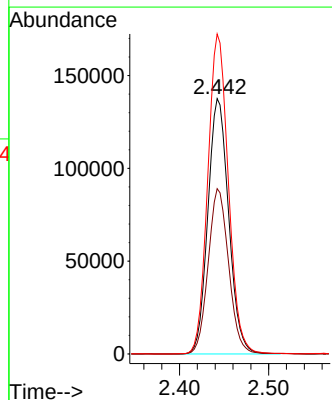
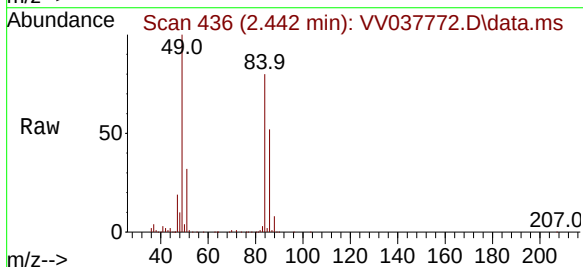
Tgt Ion: 84 Resp: 223042

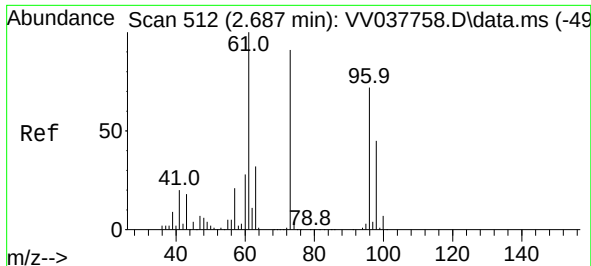
Ion Ratio Lower Upper

84 100

86 64.7 46.4 86.2

49 125.3 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 48.230 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

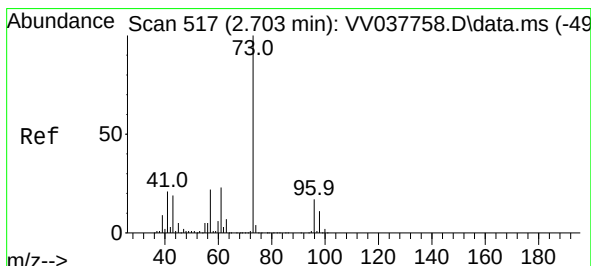
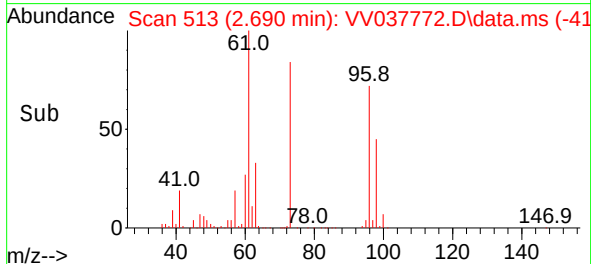
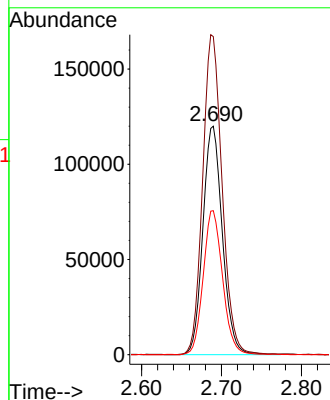
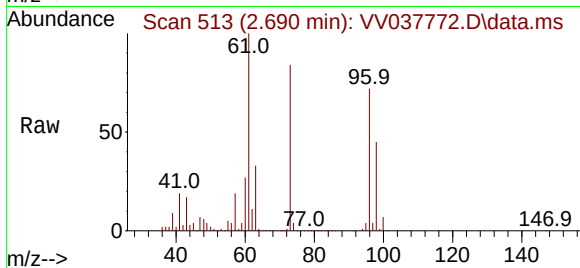
Tgt Ion: 96 Resp: 203878

Ion Ratio Lower Upper

96 100

61 139.2 97.3 180.7

98 63.0 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 52.169 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

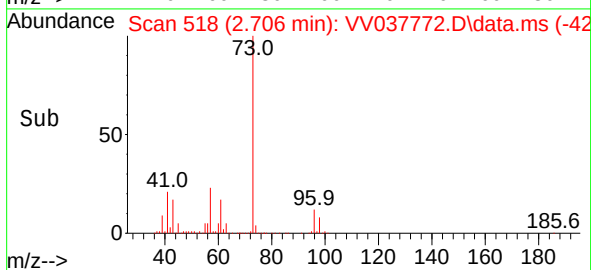
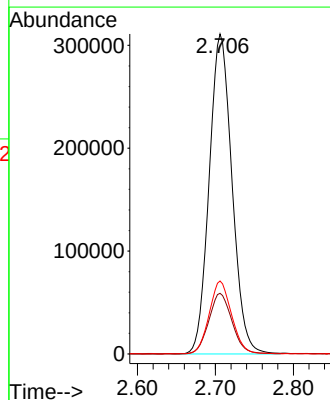
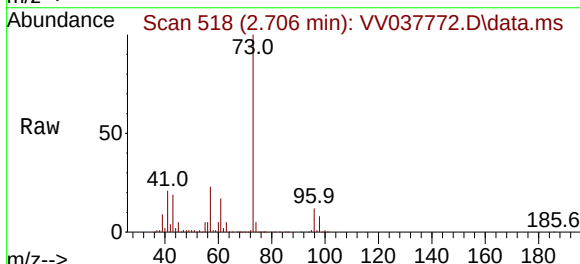
Tgt Ion: 73 Resp: 632699

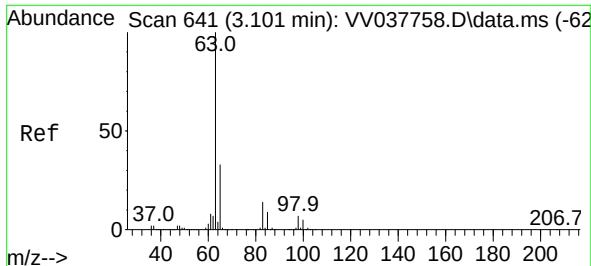
Ion Ratio Lower Upper

73 100

43 19.1 15.1 22.7

57 22.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 50.534 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

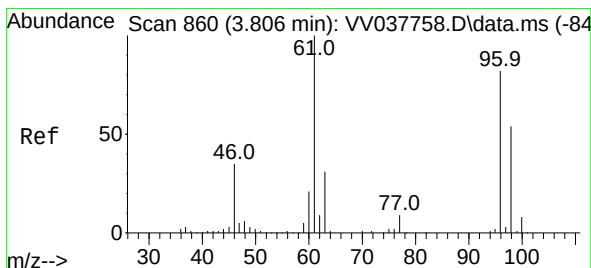
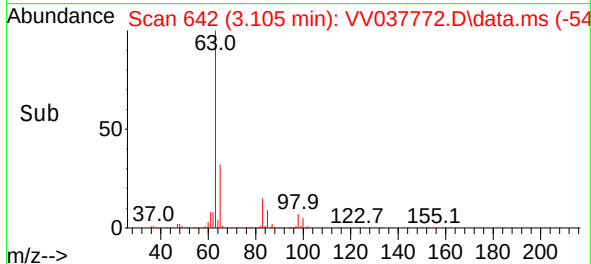
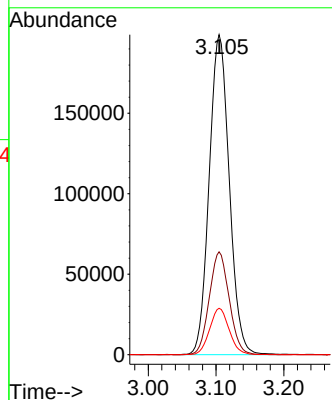
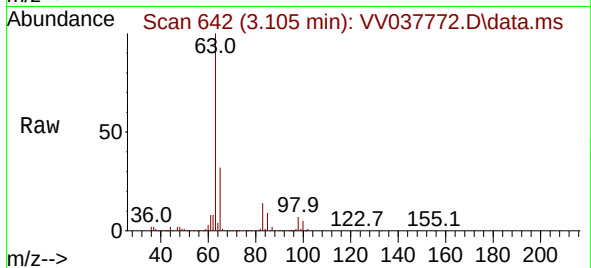
Tgt Ion: 63 Resp: 409282

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 14.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.379 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

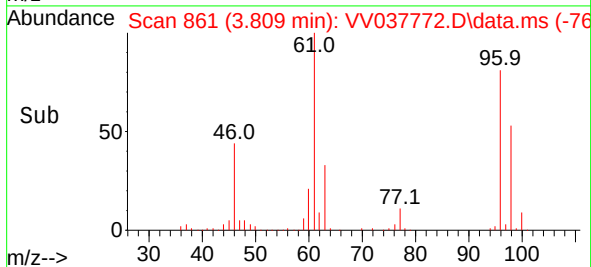
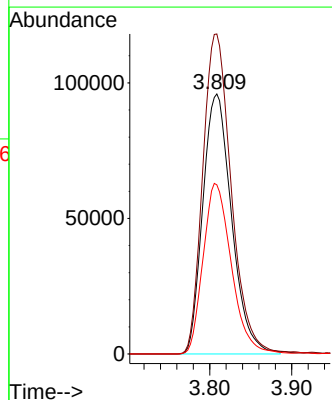
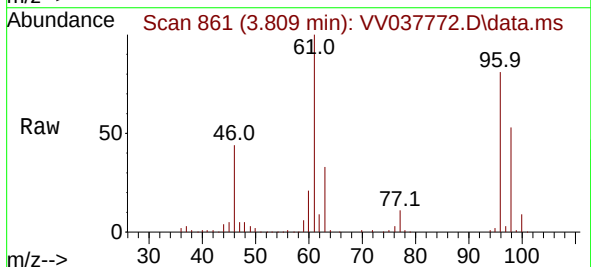
Tgt Ion: 96 Resp: 233584

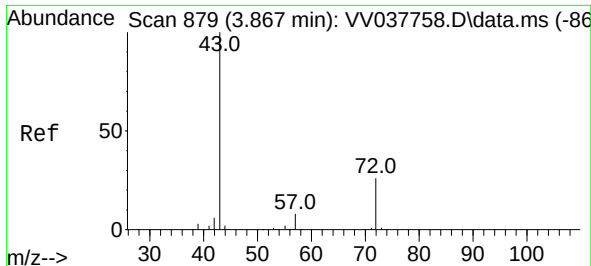
Ion Ratio Lower Upper

96 100

61 123.0 85.0 157.8

98 65.0 44.2 82.0

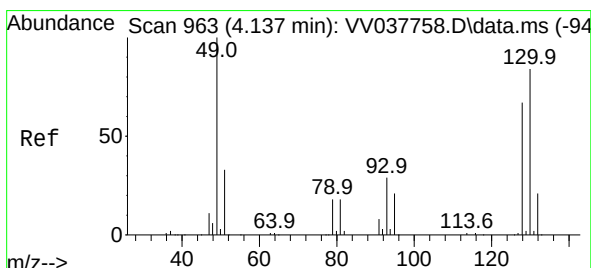
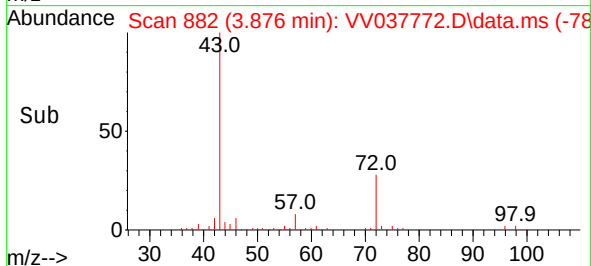
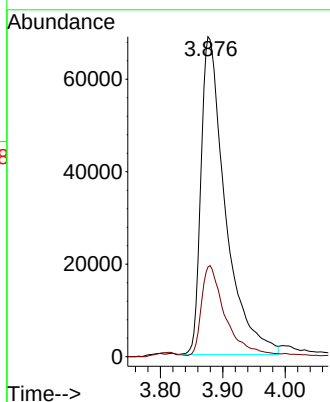
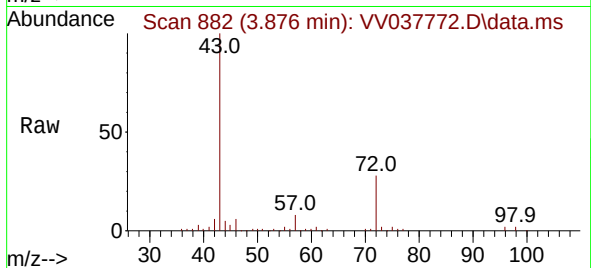




#22
2-Butanone
Concen: 91.700 ug/L
RT: 3.876 min Scan# 879
Delta R.T. 0.010 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

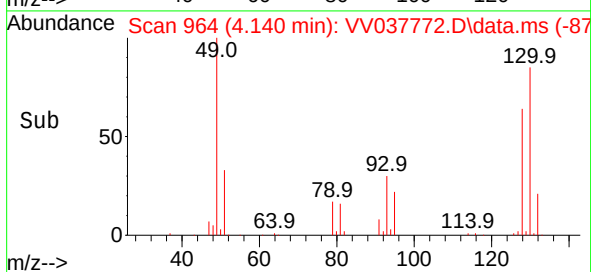
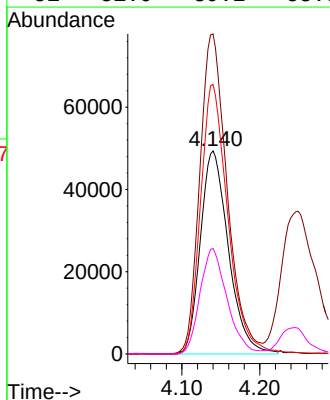
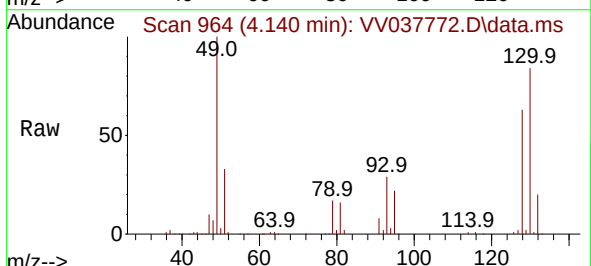
Instrument :
MSVOA_V
ClientSampleId :

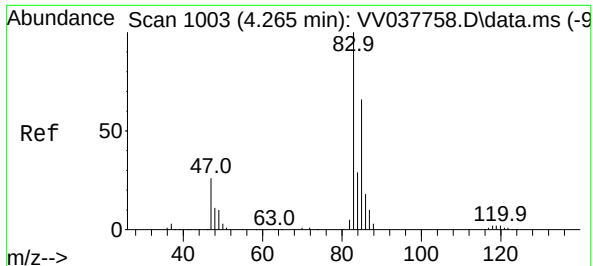
Tgt Ion: 43 Resp: 186723
Ion Ratio Lower Upper
43 100
72 27.6 14.3 42.9



#23
Bromochloromethane
Concen: 50.514 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion: 128 Resp: 123606
Ion Ratio Lower Upper
128 100
49 157.6 108.7 201.9
130 132.8 90.4 168.0
51 51.9 39.2 58.8





#25

Chloroform

Concen: 51.301 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

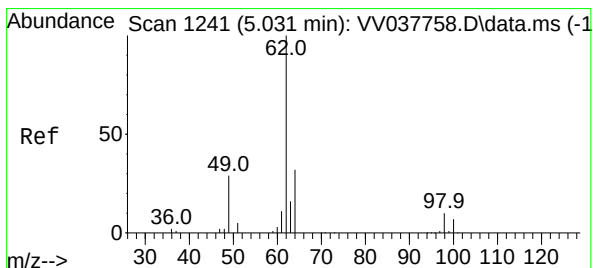
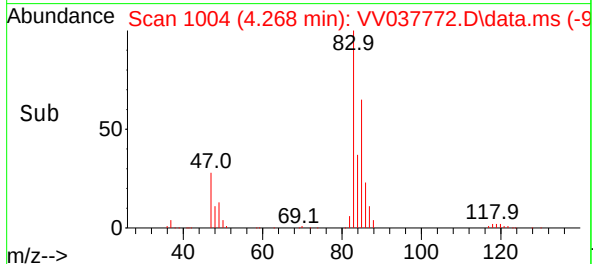
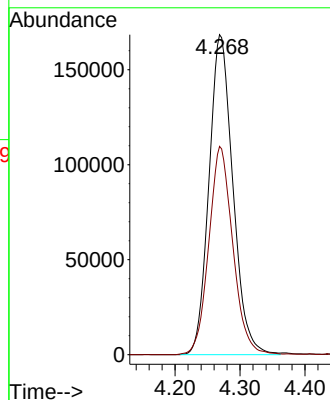
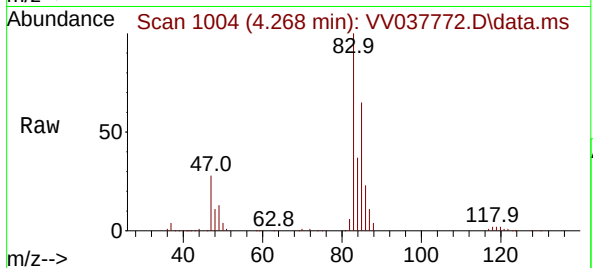
ClientSampleId :

Tgt Ion: 83 Resp: 430187

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.908 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VV037772.D

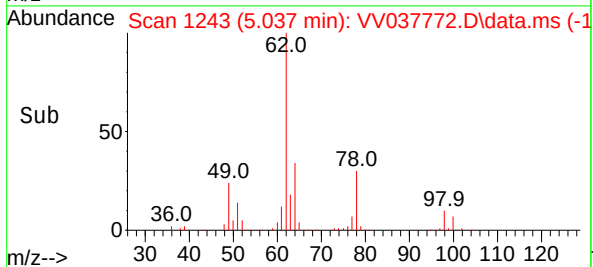
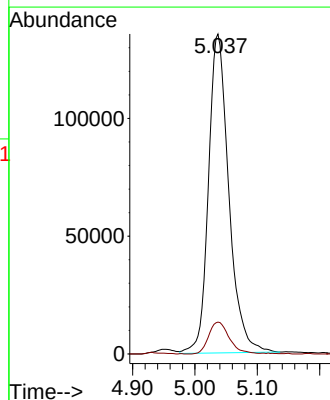
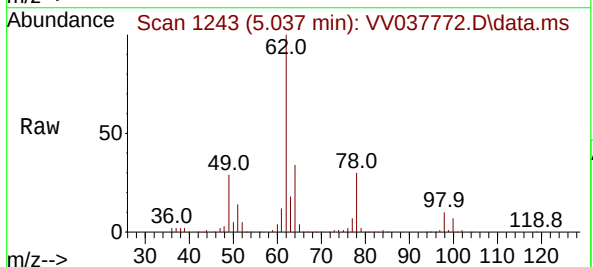
Acq: 08 Oct 2024 16:35

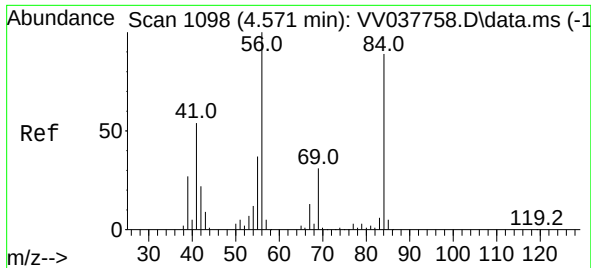
Tgt Ion: 62 Resp: 307288

Ion Ratio Lower Upper

62 100

98 10.0 8.4 12.6





#29

Cyclohexane

Concen: 43.714 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

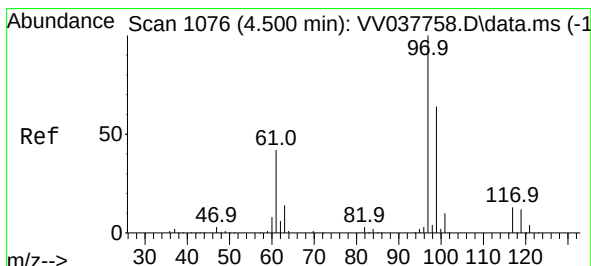
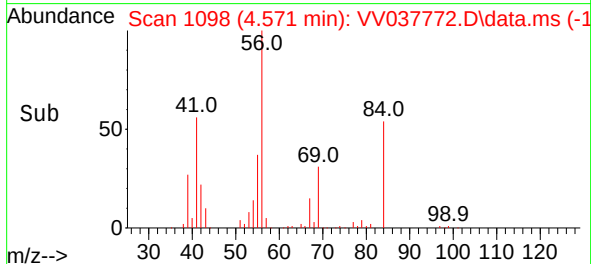
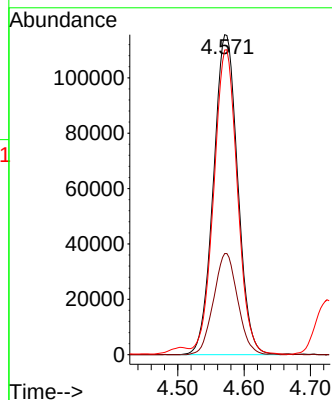
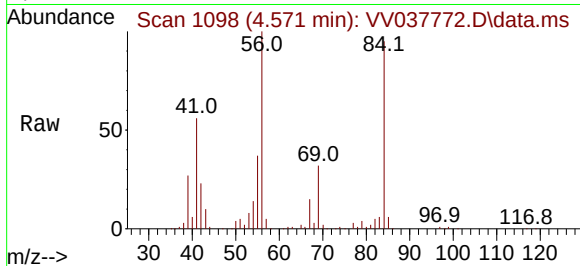
Tgt Ion: 56 Resp: 293531

Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 92.7 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 50.006 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

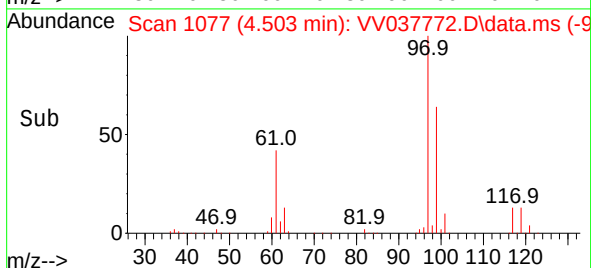
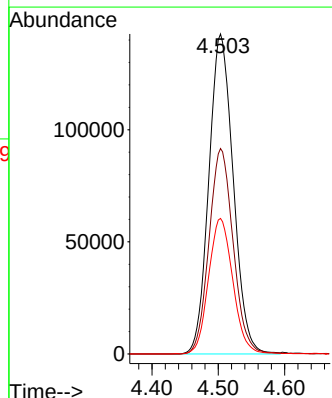
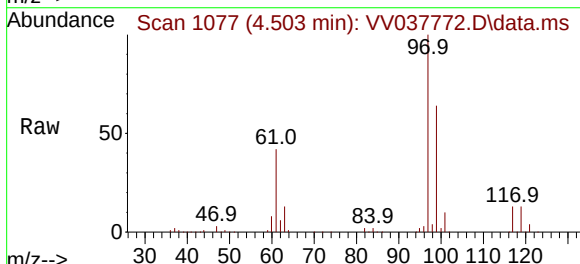
Tgt Ion: 97 Resp: 364237

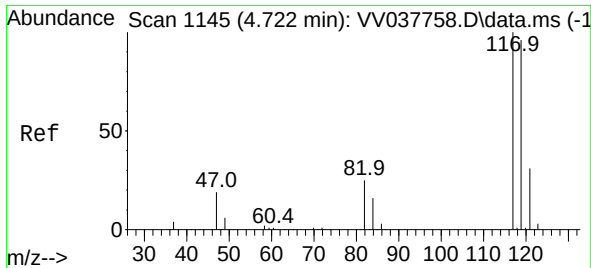
Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.6

61 42.1 33.6 50.4

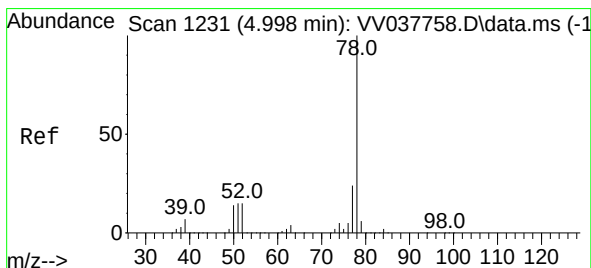
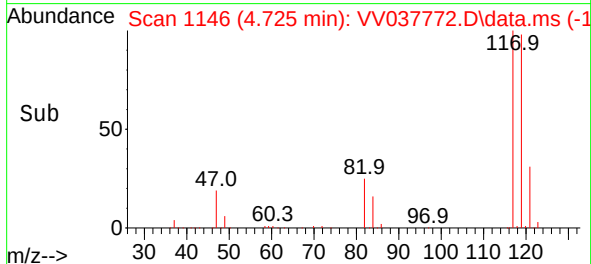
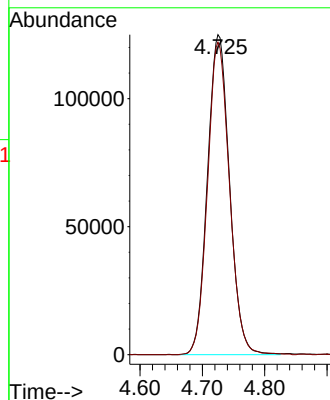
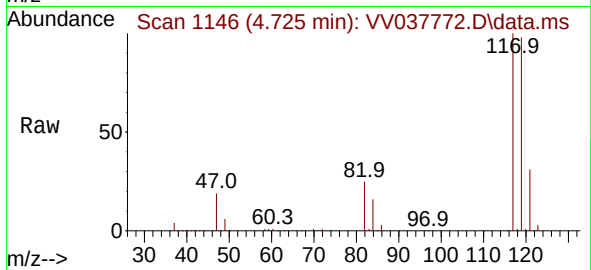




#31
Carbon tetrachloride
Concen: 48.538 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

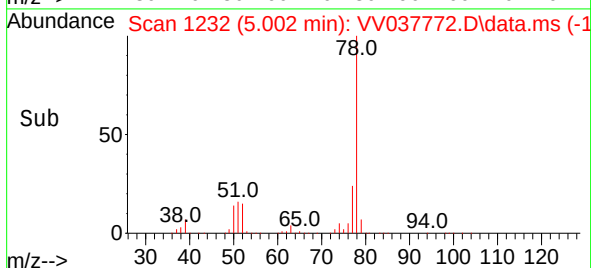
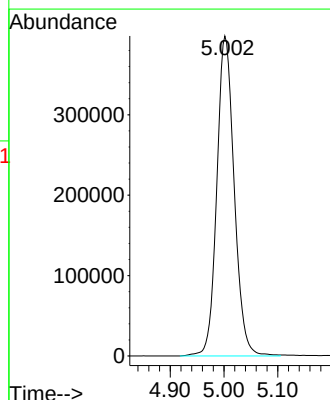
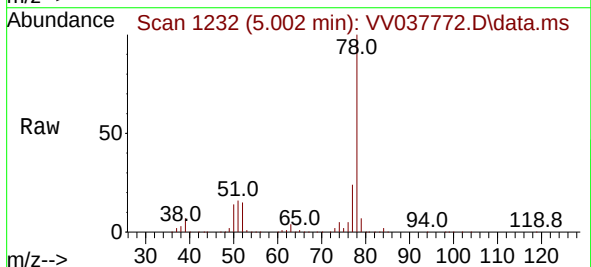
Instrument :
MSVOA_V
ClientSampleId :

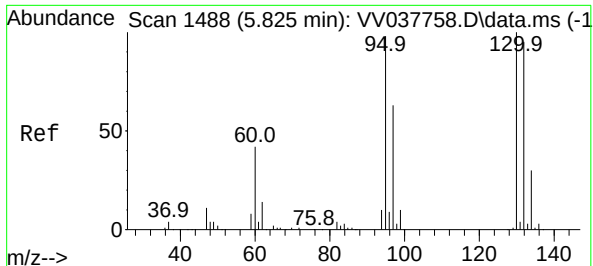
Tgt Ion:117 Resp: 307376
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3



#33
Benzene
Concen: 50.099 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion: 78 Resp: 893563





#34

Trichloroethene

Concen: 48.352 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 229668

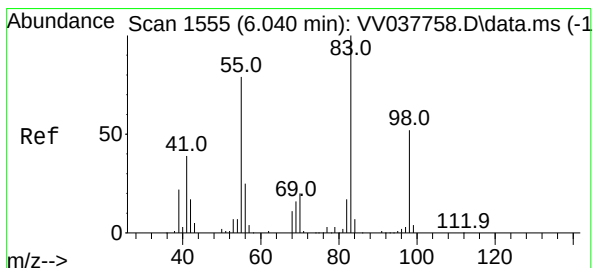
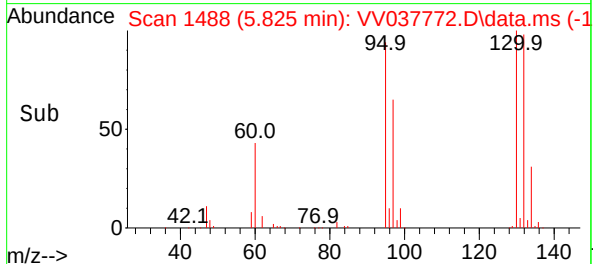
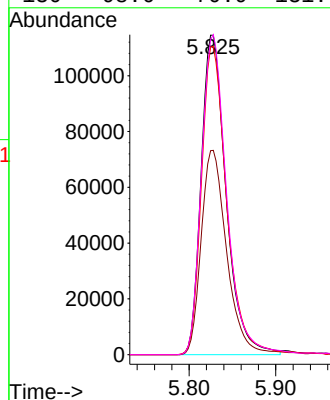
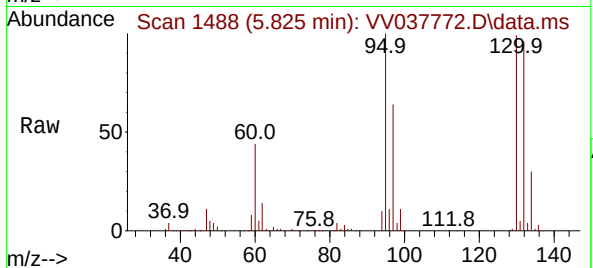
Ion Ratio Lower Upper

95 100

97 63.8 46.3 85.9

132 96.3 68.6 127.4

130 98.6 70.9 131.7



#35

Methylcyclohexane

Concen: 45.050 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

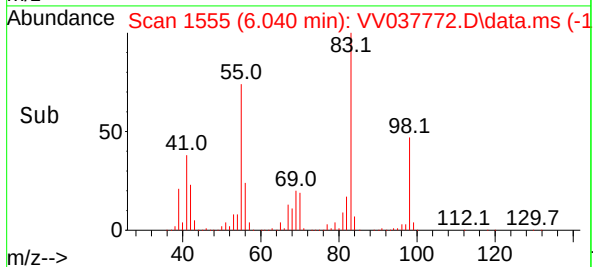
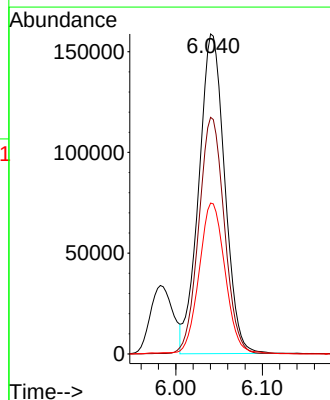
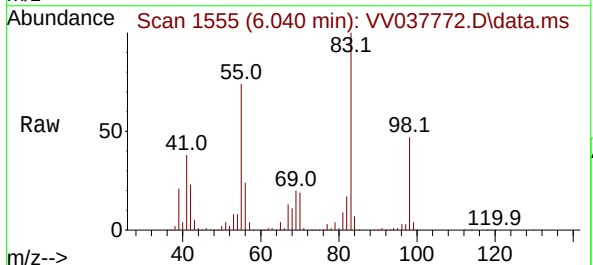
Tgt Ion: 83 Resp: 329189

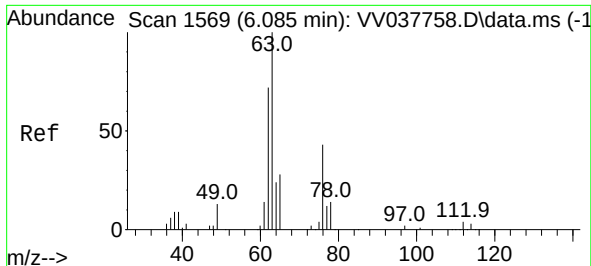
Ion Ratio Lower Upper

83 100

55 73.0 57.9 86.9

98 46.9 39.3 58.9

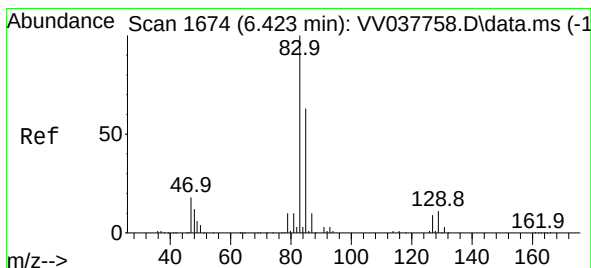
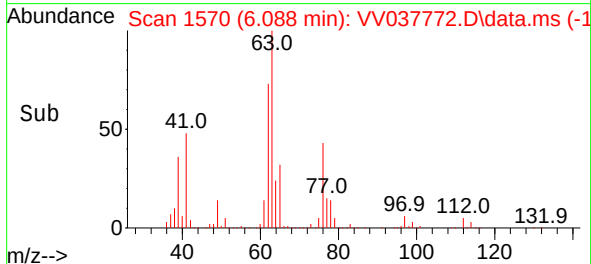
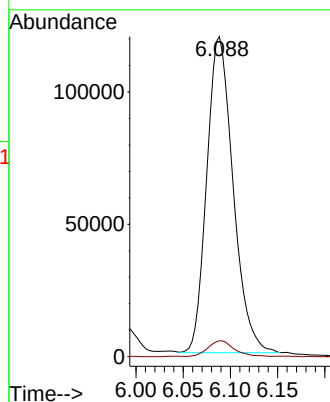
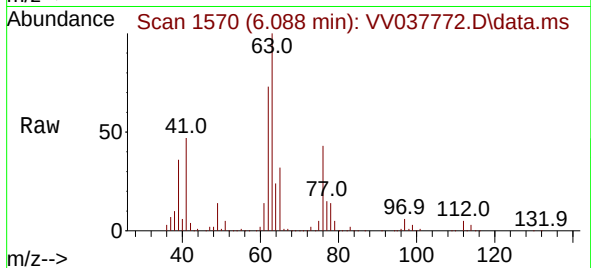




#37
1,2-Dichloropropane
Concen: 50.314 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

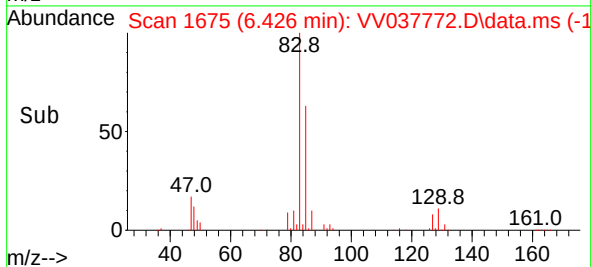
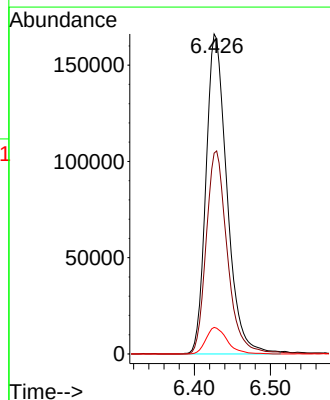
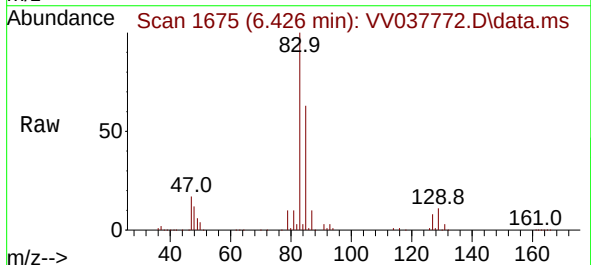
Instrument :
MSVOA_V
ClientSampleId :

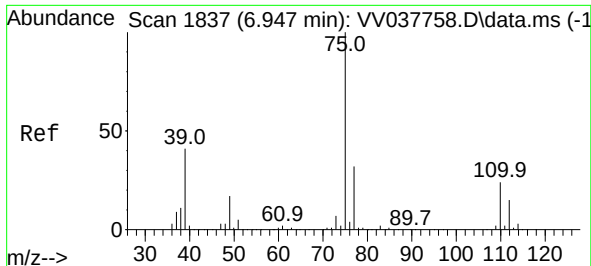
Tgt Ion: 63 Resp: 231733
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 51.809 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion: 83 Resp: 318982
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9
127 8.3 7.0 10.4

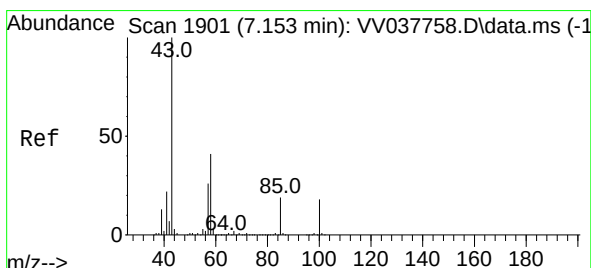
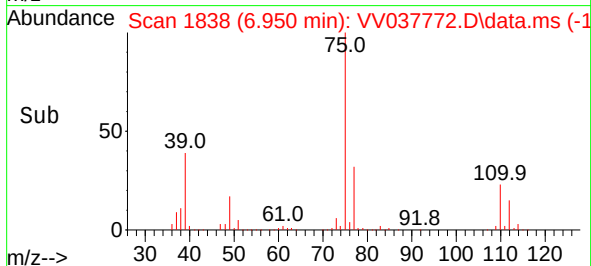
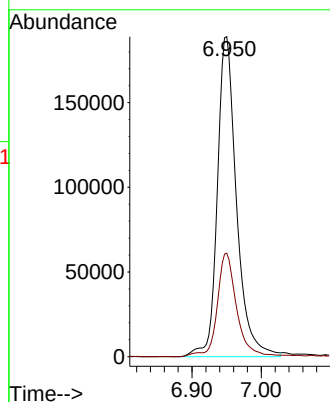
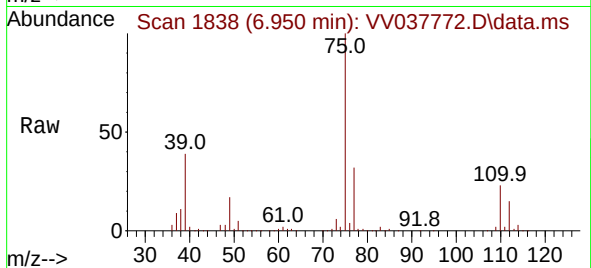




#39
cis-1,3-Dichloropropene
Concen: 49.532 ug/L
RT: 6.950 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

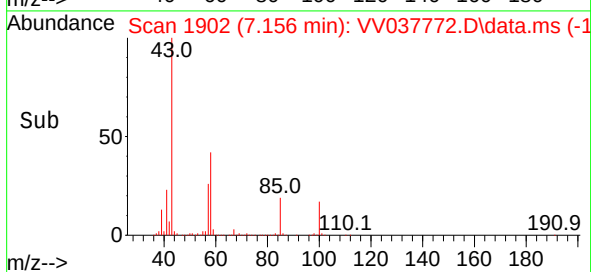
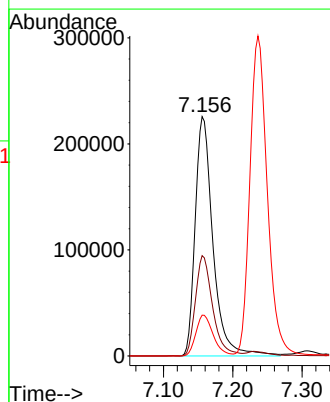
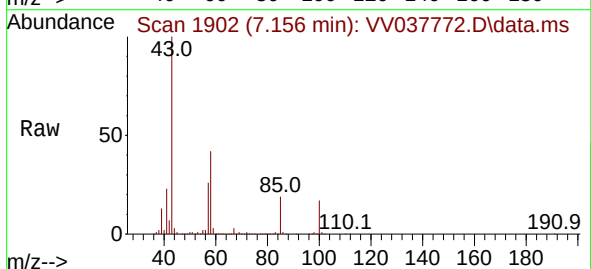
Instrument :
MSVOA_V
ClientSampleId :

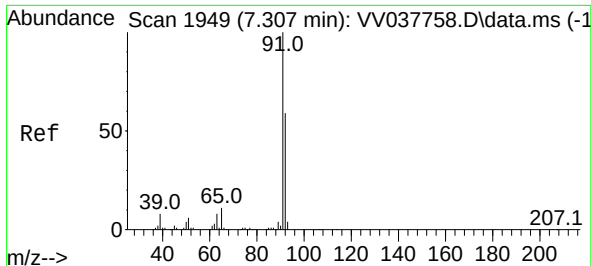
Tgt Ion: 75 Resp: 364161
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 107.746 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion: 43 Resp: 404050
Ion Ratio Lower Upper
43 100
58 40.4 33.0 49.4
100 16.7 13.7 20.5

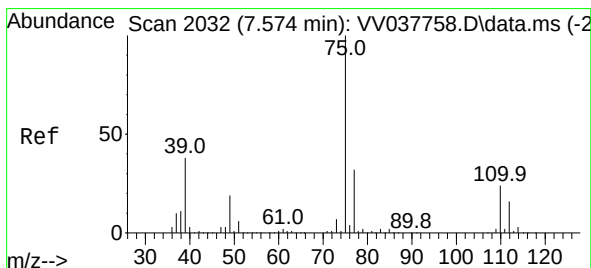
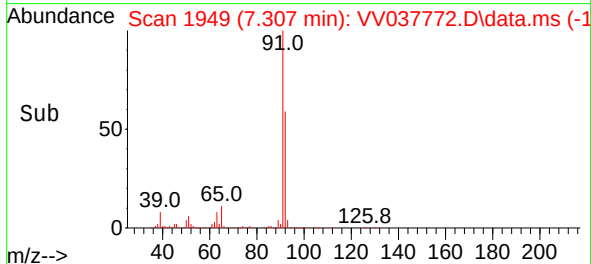
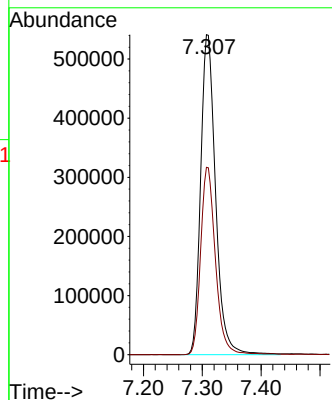
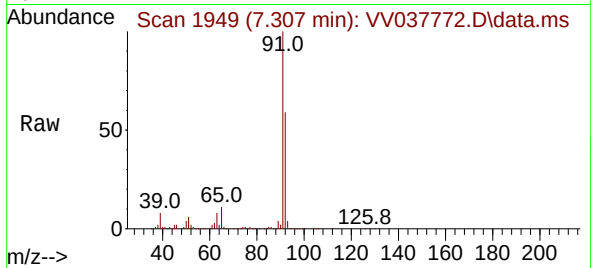




#42
Toluene
Concen: 51.590 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

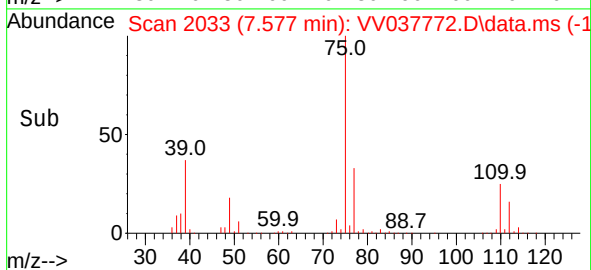
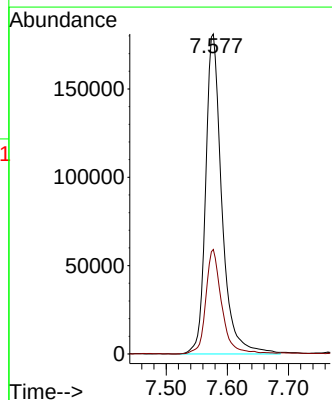
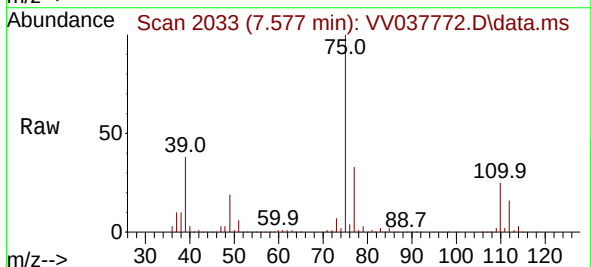
Instrument :
MSVOA_V
ClientSampleId :

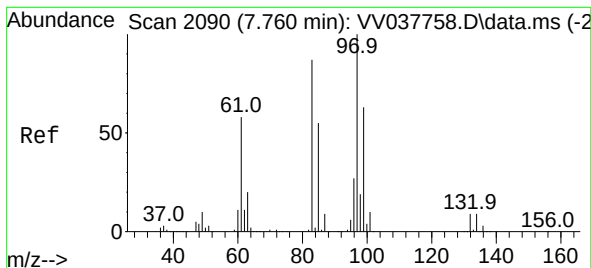
Tgt Ion: 91 Resp: 953911
Ion Ratio Lower Upper
91 100
92 58.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 50.460 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion: 75 Resp: 333998
Ion Ratio Lower Upper
75 100
77 32.6 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 52.902 ug/L

RT: 7.764 min Scan# 2090

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 233955

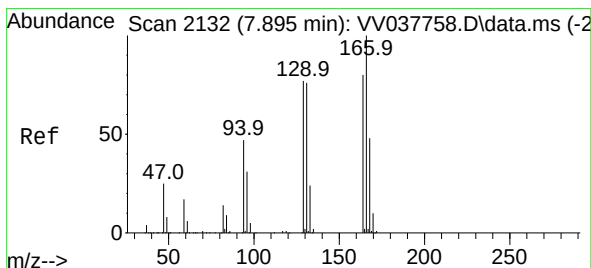
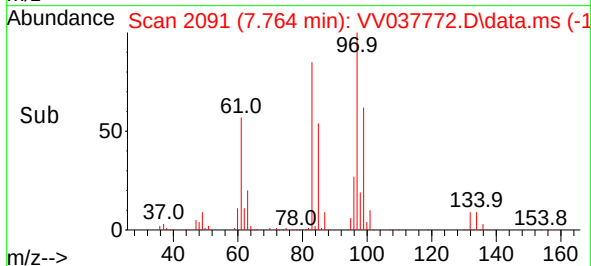
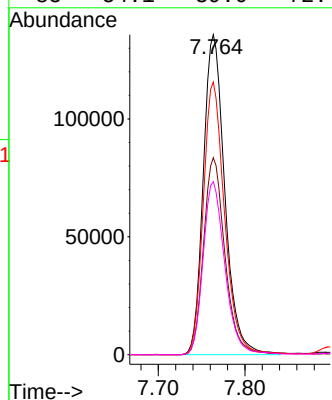
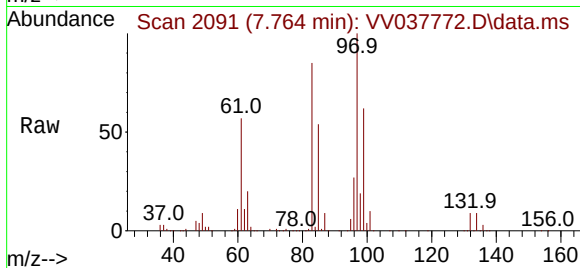
Ion Ratio Lower Upper

97 100

99 61.6 44.1 81.9

83 85.2 59.3 110.1

85 54.1 39.0 72.4



#46

Tetrachloroethene

Concen: 47.360 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Tgt Ion:164 Resp: 171995

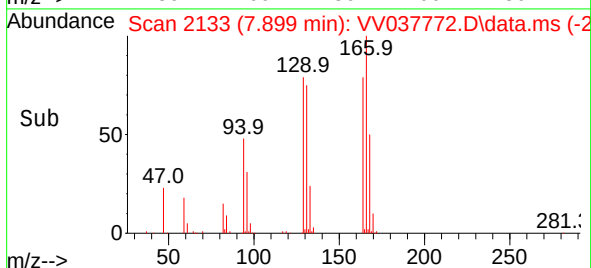
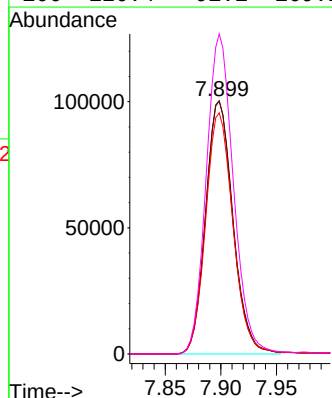
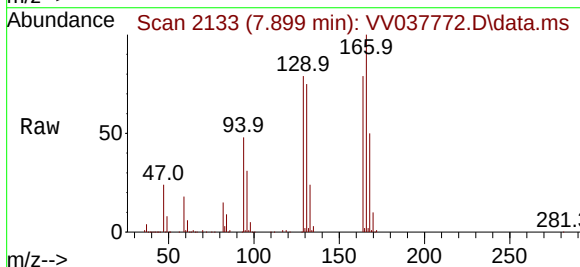
Ion Ratio Lower Upper

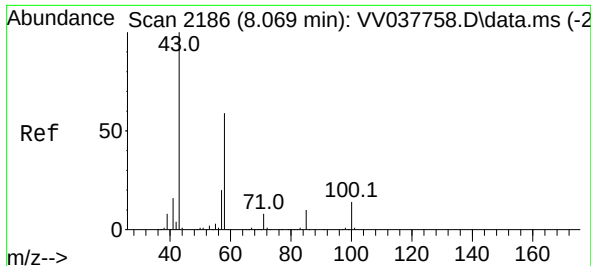
164 100

129 99.9 68.2 126.6

131 95.3 66.1 122.8

166 126.4 91.1 169.1

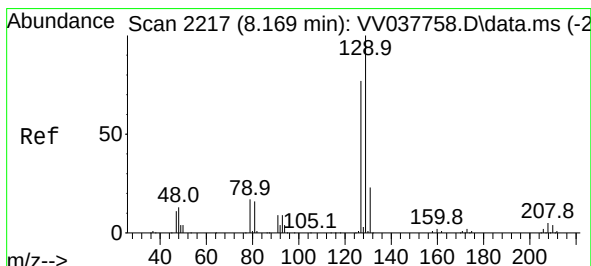
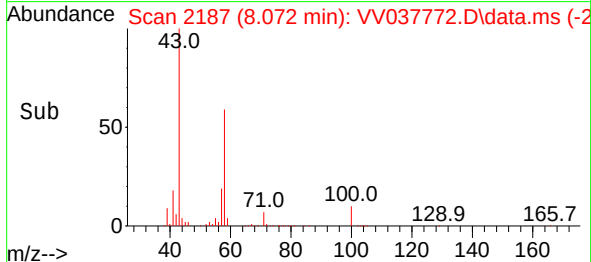
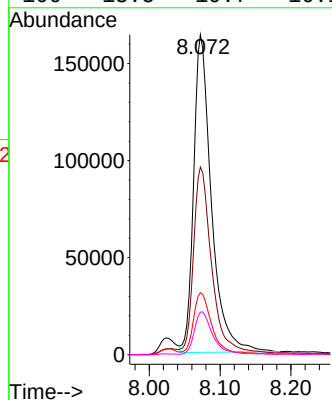
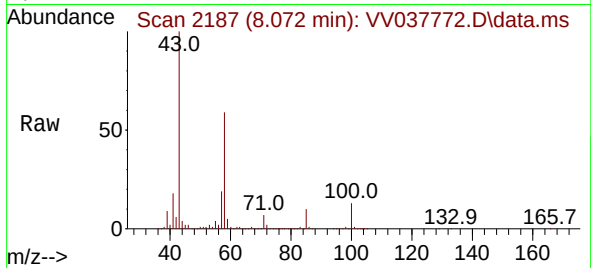




#48
2-Hexanone
Concen: 98.153 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

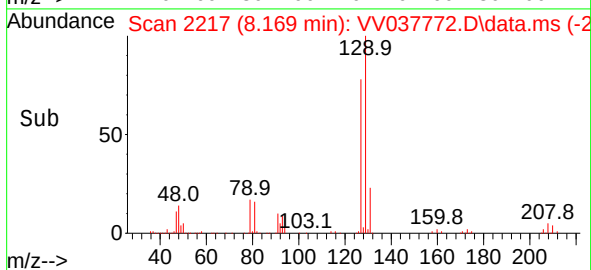
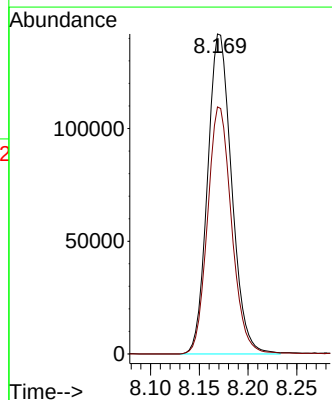
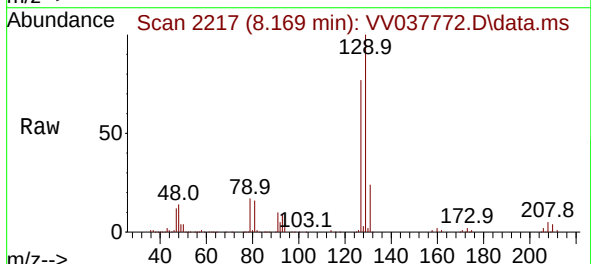
Instrument :
MSVOA_V
ClientSampleId :

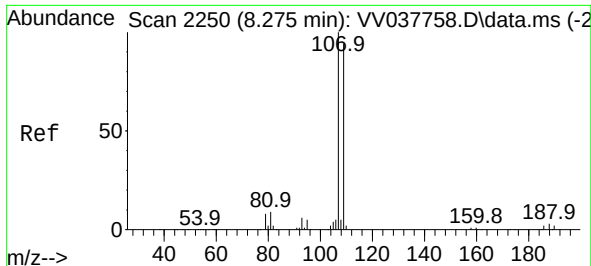
Tgt Ion: 43 Resp: 286210
Ion Ratio Lower Upper
43 100
58 59.6 46.5 69.7
57 18.4 15.1 22.7
100 13.5 10.7 16.1



#49
Dibromochloromethane
Concen: 52.282 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion:129 Resp: 244712
Ion Ratio Lower Upper
129 100
127 77.2 54.9 101.9

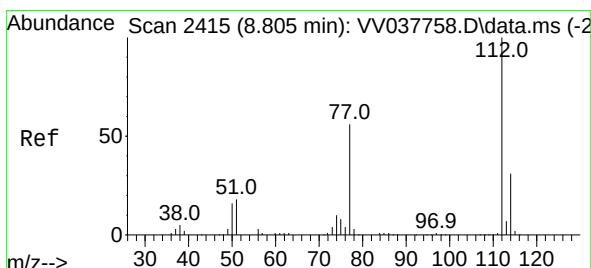
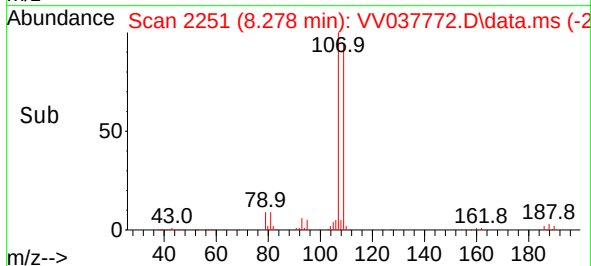
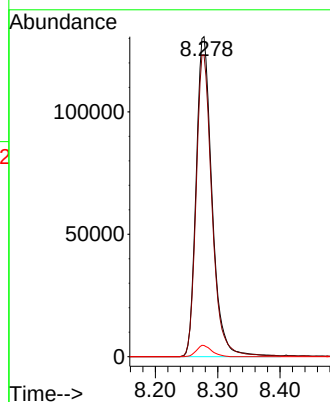
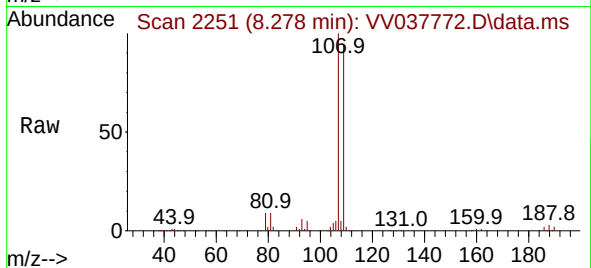




#50
1,2-Dibromoethane
Concen: 50.715 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

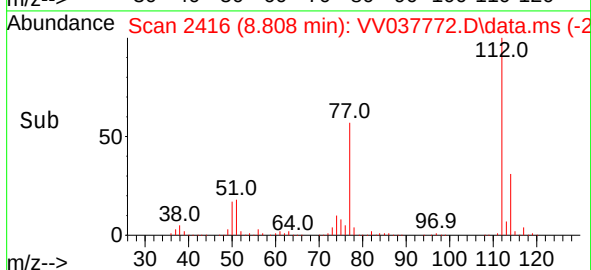
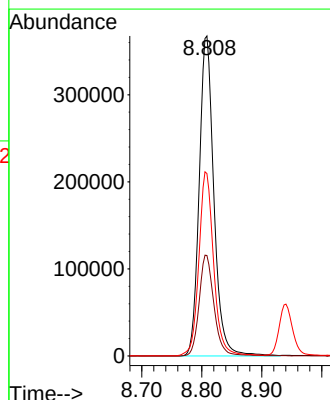
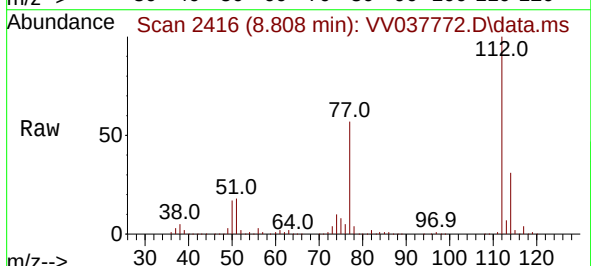
Instrument :
MSVOA_V
ClientSampleId :

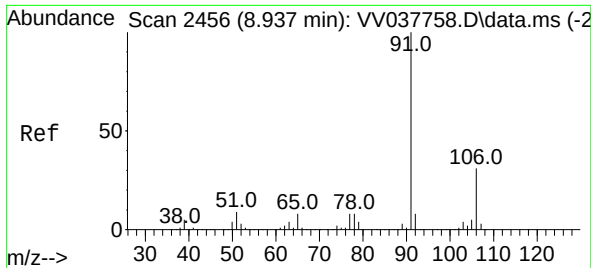
Tgt Ion:107 Resp: 231842
Ion Ratio Lower Upper
107 100
109 94.2 65.7 121.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 49.840 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion:112 Resp: 627850
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.7
77 57.0 45.8 68.8





#52

Ethylbenzene

Concen: 49.594 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

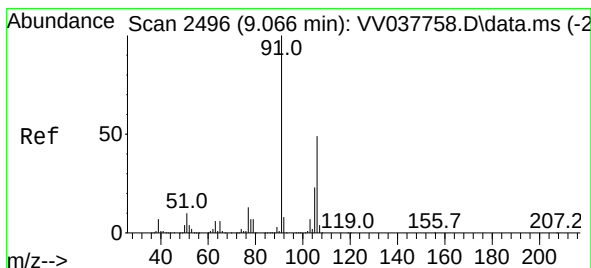
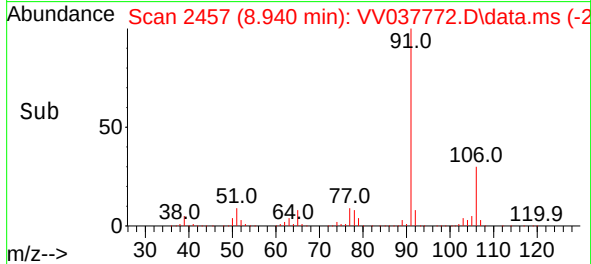
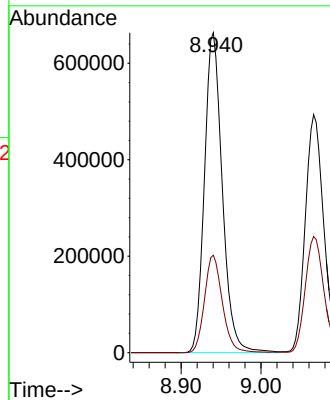
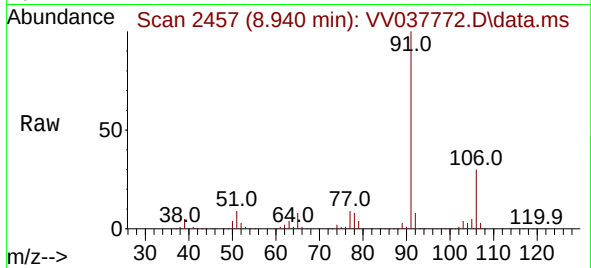
ClientSampleId :

Tgt Ion: 91 Resp: 1032233

Ion Ratio Lower Upper

91 100

106 30.5 21.9 40.7



#53

m,p-Xylene

Concen: 50.401 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037772.D

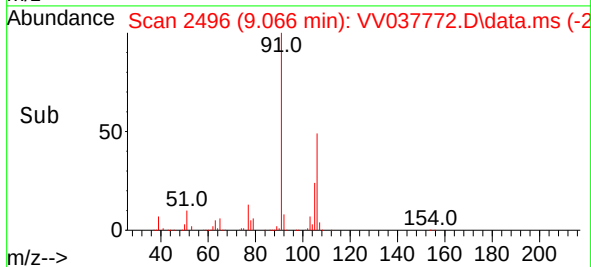
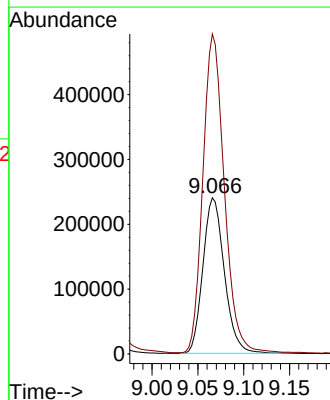
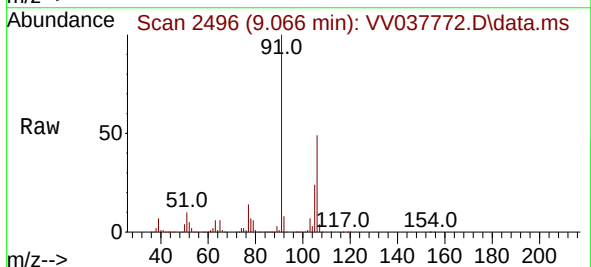
Acq: 08 Oct 2024 16:35

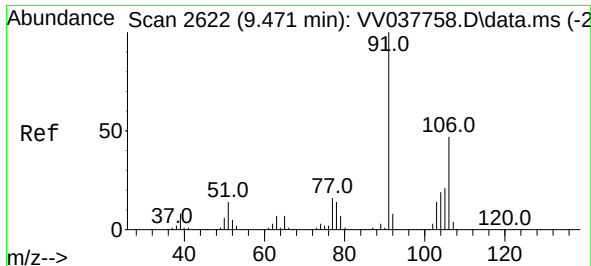
Tgt Ion:106 Resp: 390417

Ion Ratio Lower Upper

106 100

91 204.8 142.0 263.6

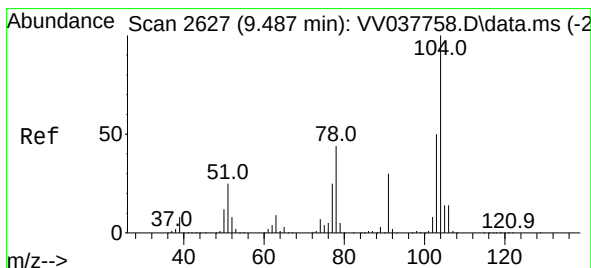
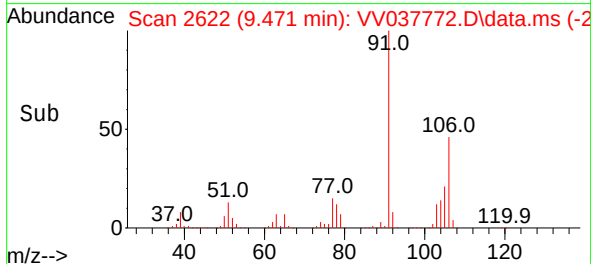
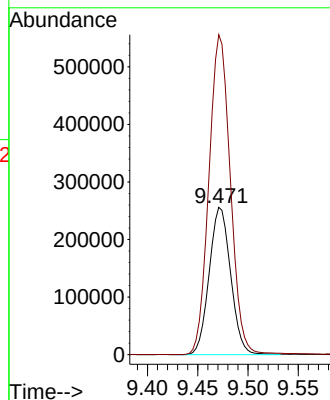
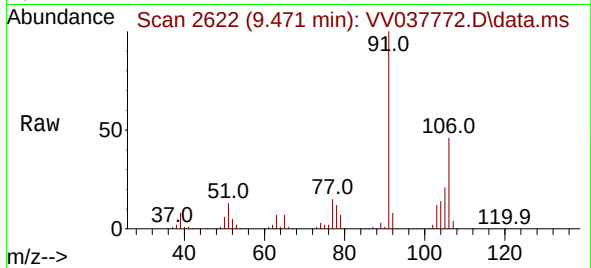




#54
o-Xylene
Concen: 50.332 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

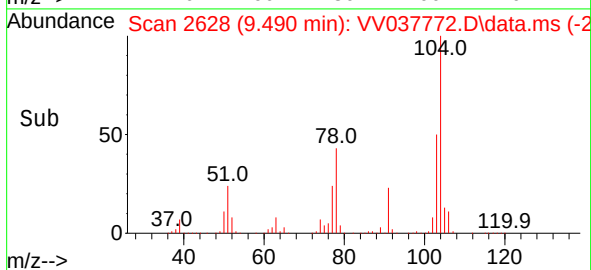
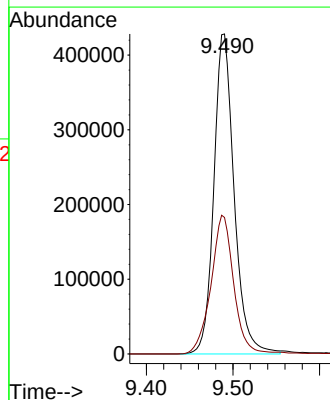
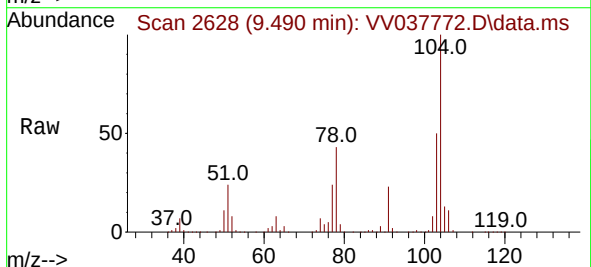
Instrument :
MSVOA_V
ClientSampleId :

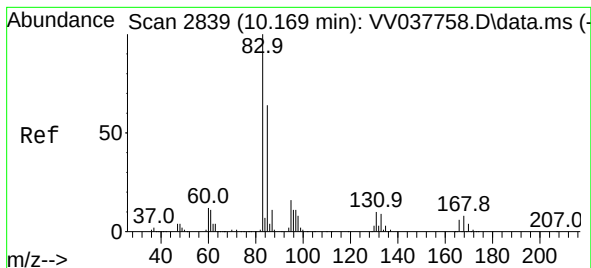
Tgt Ion:106 Resp: 380634
Ion Ratio Lower Upper
106 100
91 217.2 153.9 285.9



#55
Styrene
Concen: 52.933 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

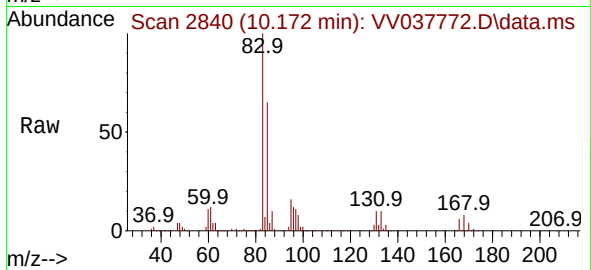
Tgt Ion:104 Resp: 696876
Ion Ratio Lower Upper
104 100
78 42.7 30.0 55.6



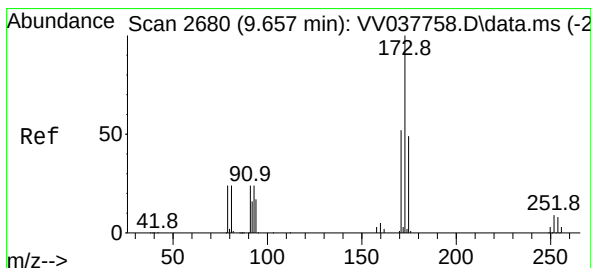
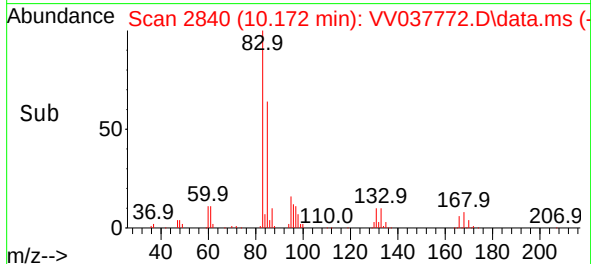
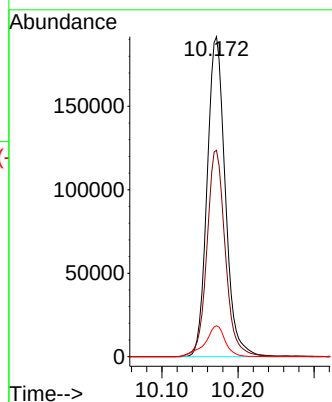


#57
1,1,2,2-Tetrachloroethane
Concen: 51.507 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Instrument :
MSVOA_V
ClientSampleId :

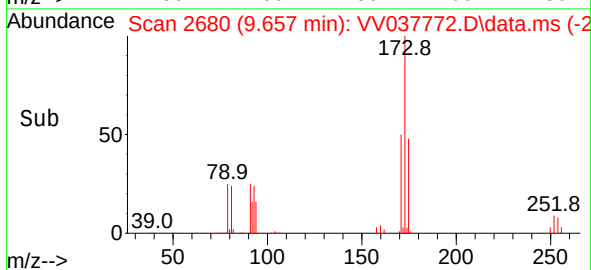
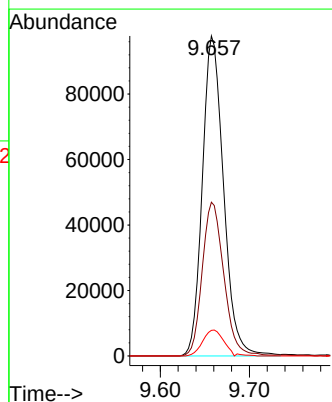
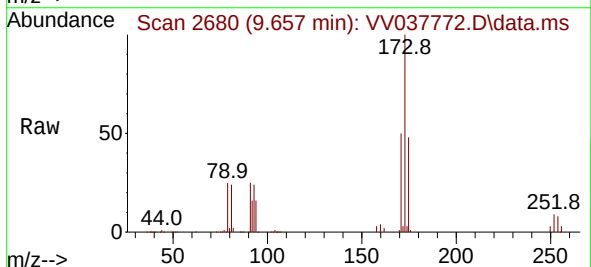


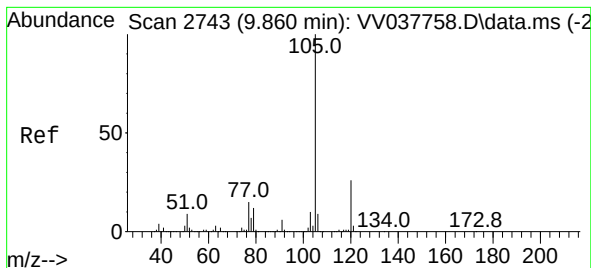
Tgt Ion: 83 Resp: 317586
Ion Ratio Lower Upper
83 100
85 64.5 45.9 85.3
131 9.7 7.9 11.9



#59
Bromoform
Concen: 49.804 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion: 173 Resp: 161680
Ion Ratio Lower Upper
173 100
175 48.8 40.0 60.0
254 7.9 6.5 9.7





#60

Isopropylbenzene

Concen: 47.690 ug/L

RT: 9.860 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

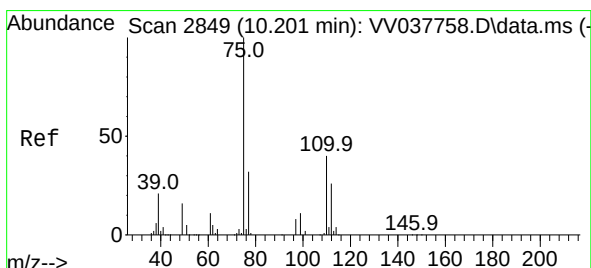
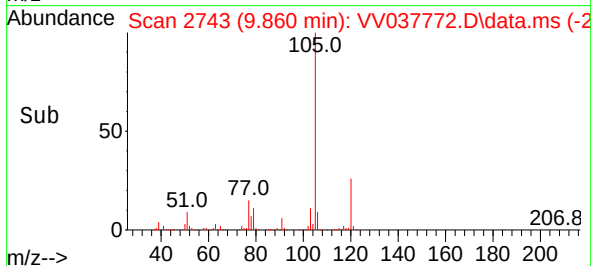
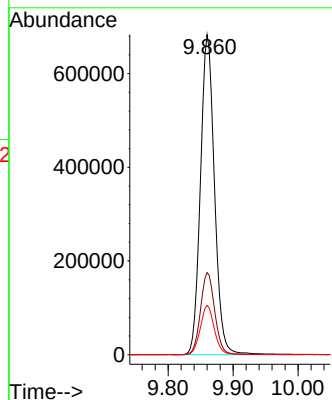
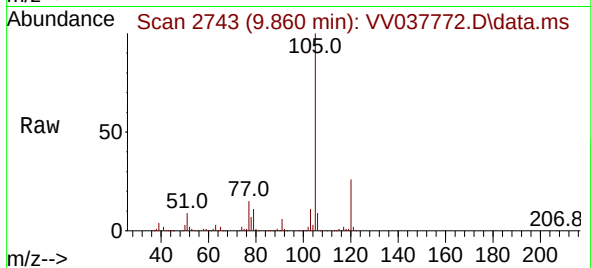
Tgt Ion:105 Resp: 1029834

Ion Ratio Lower Upper

105 100

120 26.0 20.7 31.1

77 15.2 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 50.093 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

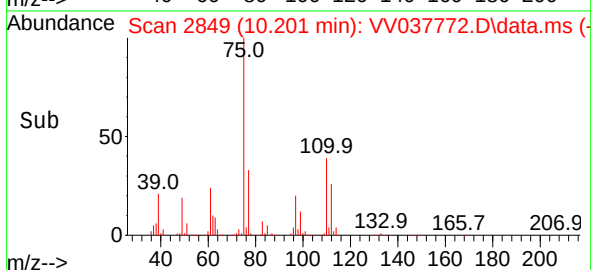
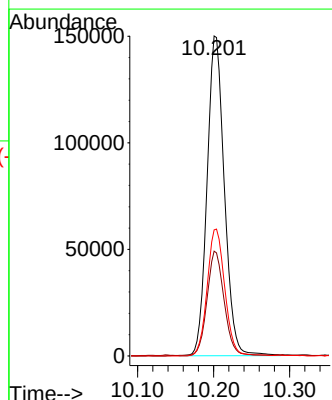
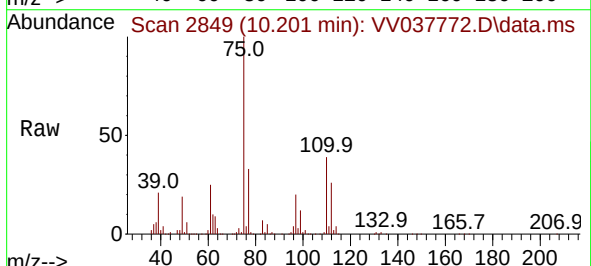
Tgt Ion: 75 Resp: 236757

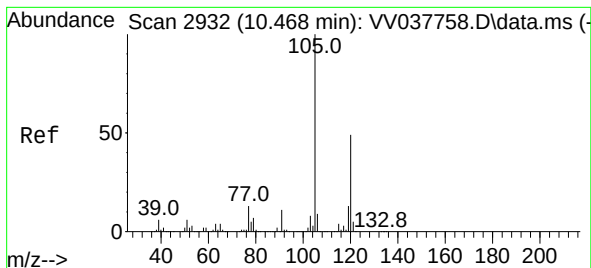
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

110 40.3 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 47.669 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

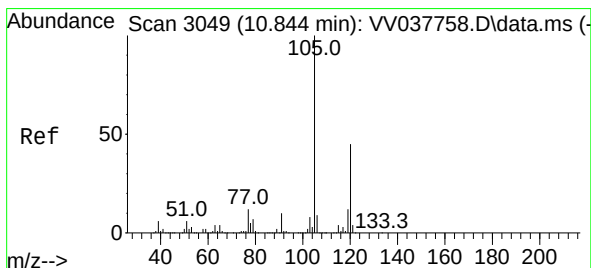
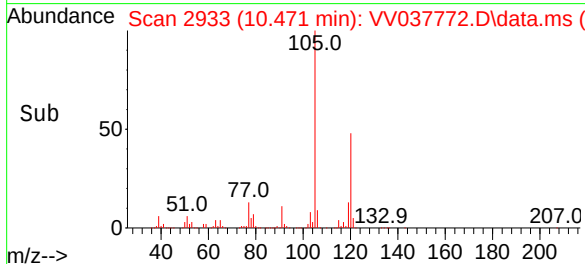
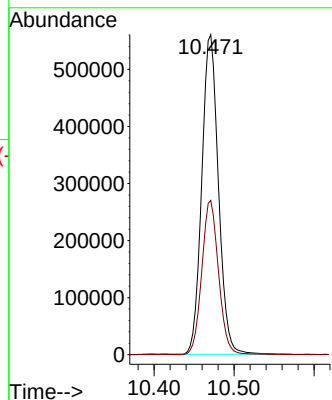
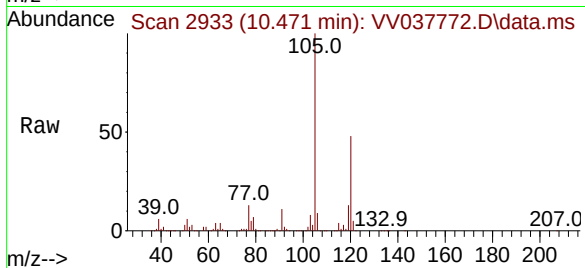
ClientSampleId :

Tgt Ion:105 Resp: 813841

Ion Ratio Lower Upper

105 100

120 48.5 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 47.850 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037772.D

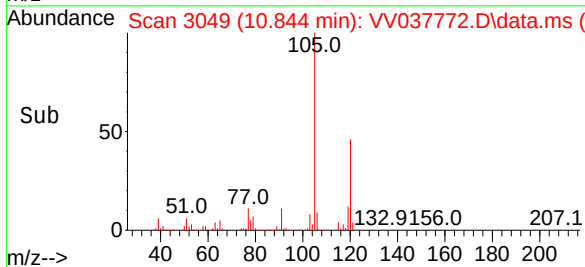
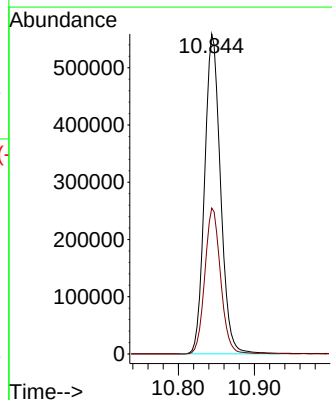
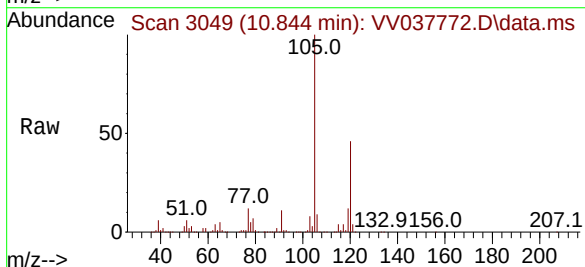
Acq: 08 Oct 2024 16:35

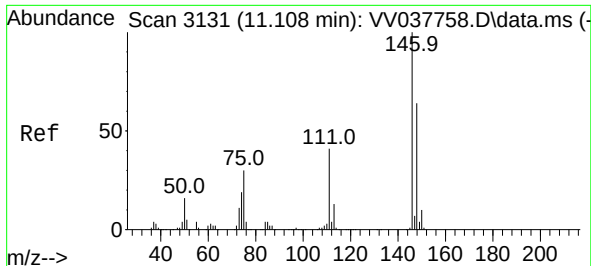
Tgt Ion:105 Resp: 812823

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 47.599 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

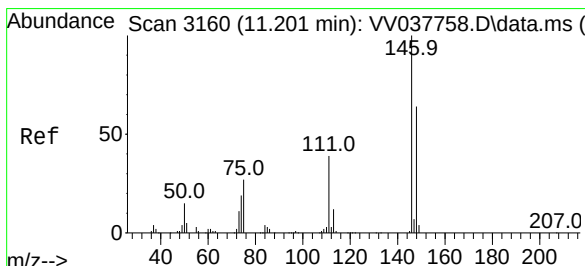
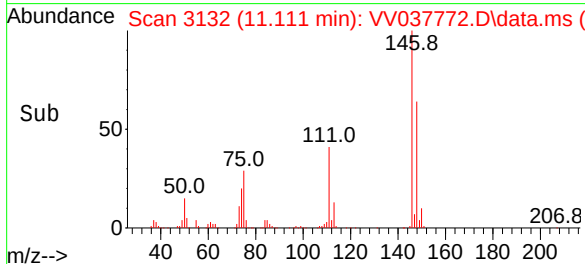
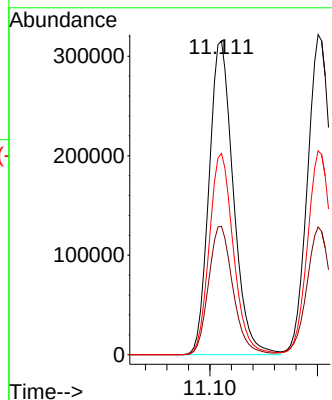
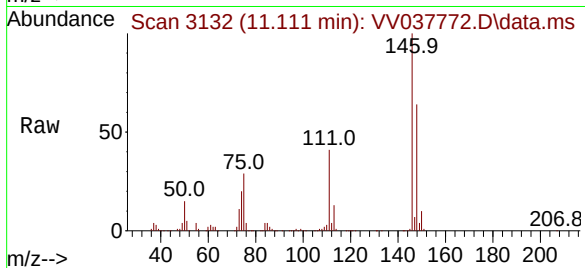
Tgt Ion:146 Resp: 494748

Ion Ratio Lower Upper

146 100

111 40.9 28.3 52.5

148 64.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 48.063 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

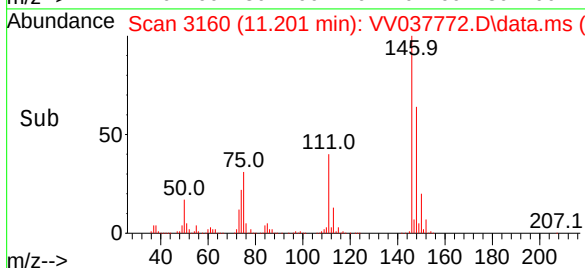
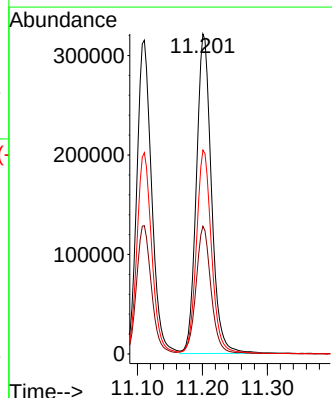
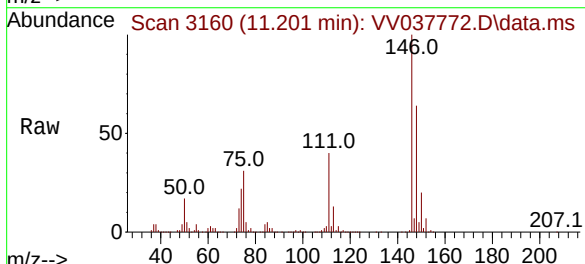
Tgt Ion:146 Resp: 520197

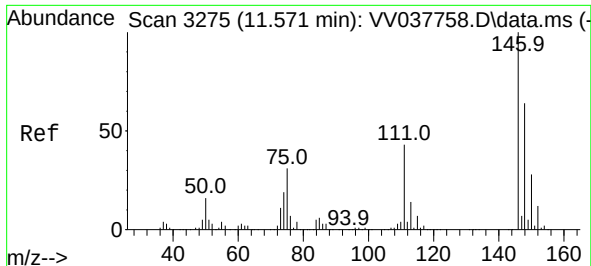
Ion Ratio Lower Upper

146 100

111 39.9 27.6 51.4

148 63.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 47.996 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

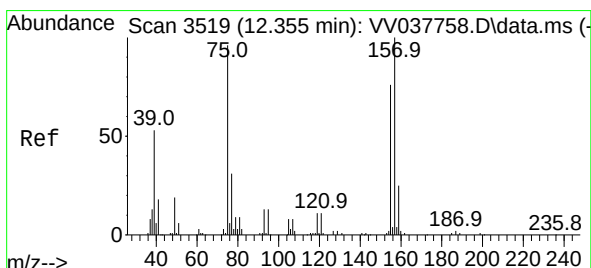
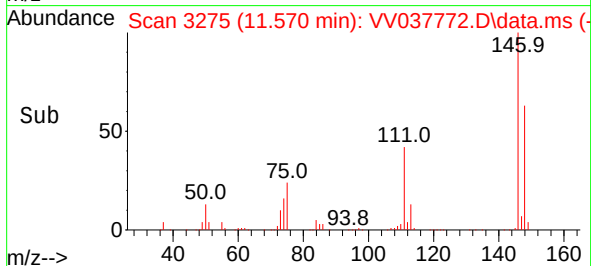
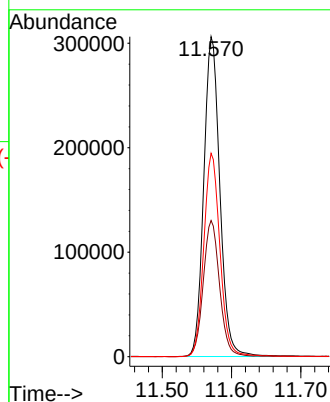
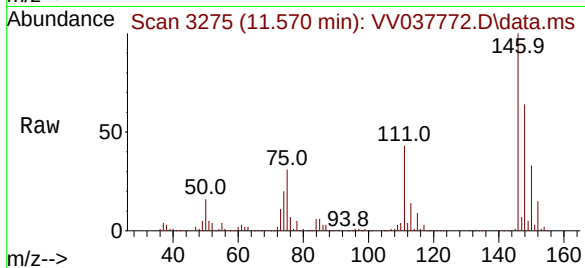
Tgt Ion:146 Resp: 493170

Ion Ratio Lower Upper

146 100

111 42.6 34.2 51.2

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.303 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

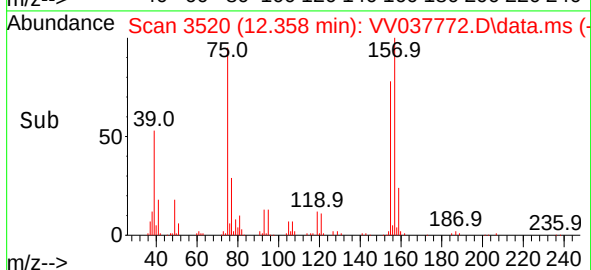
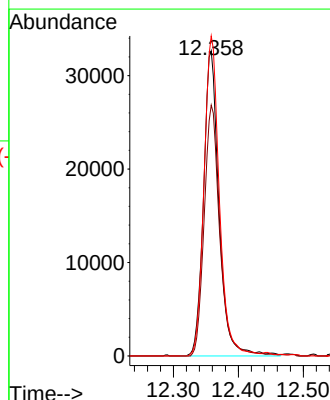
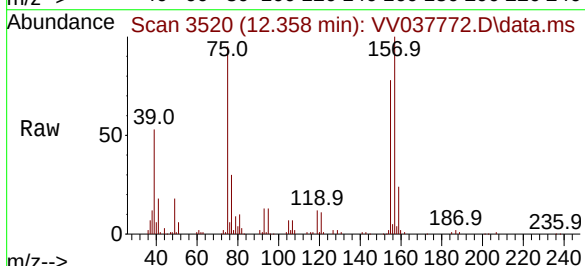
Tgt Ion: 75 Resp: 54270

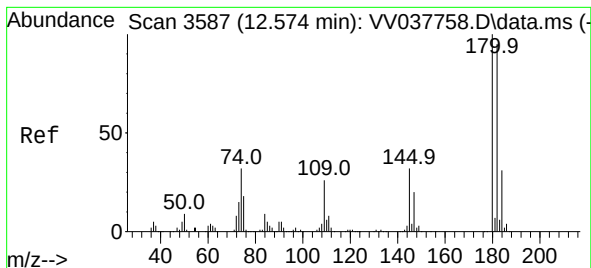
Ion Ratio Lower Upper

75 100

155 82.2 66.2 99.4

157 104.9 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 45.161 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

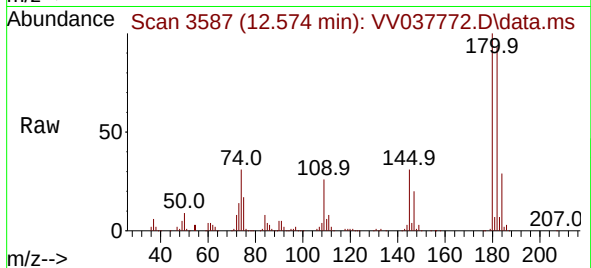
Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 322804

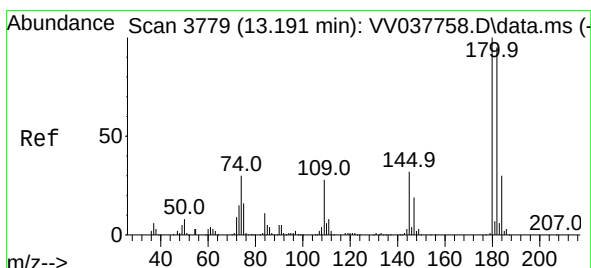
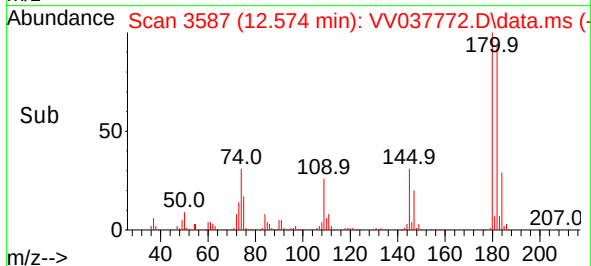
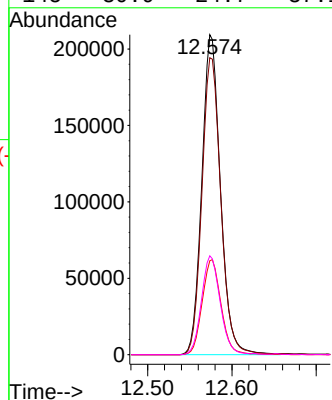
Ion Ratio Lower Upper

180 100

182 94.1 75.6 113.4

184 30.1 23.8 35.6

145 30.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 43.860 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037772.D

Acq: 08 Oct 2024 16:35

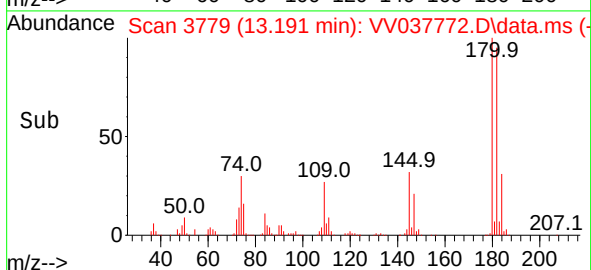
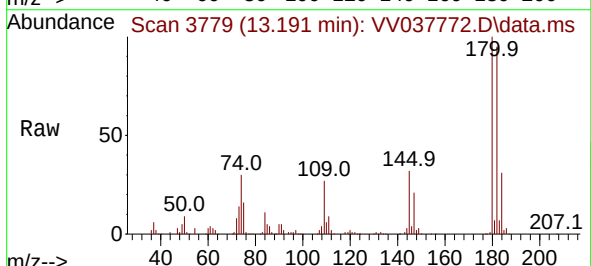
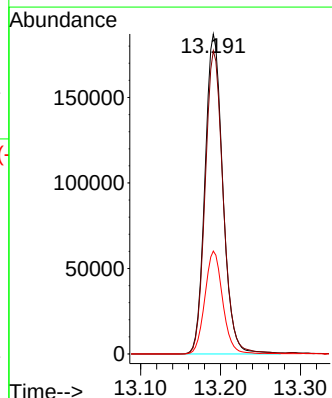
Tgt Ion:180 Resp: 290870

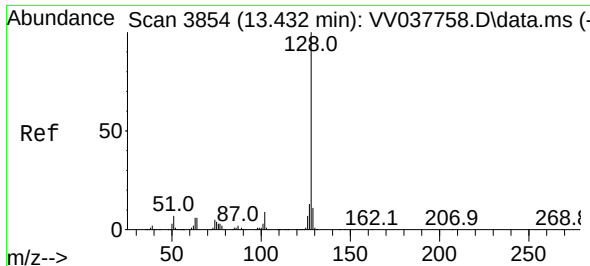
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 32.0 25.4 38.2

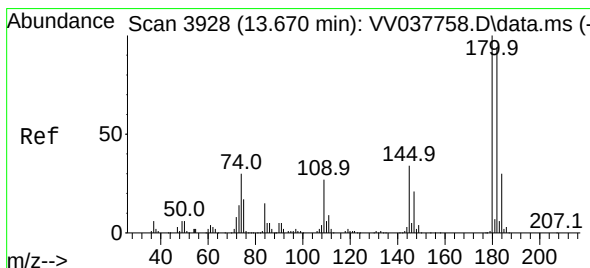
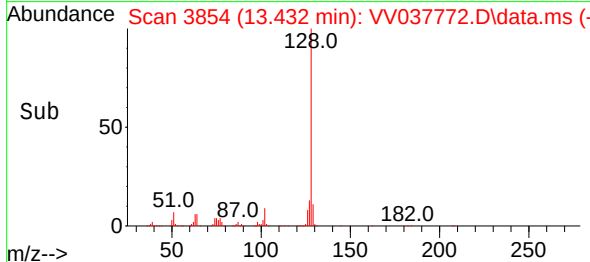
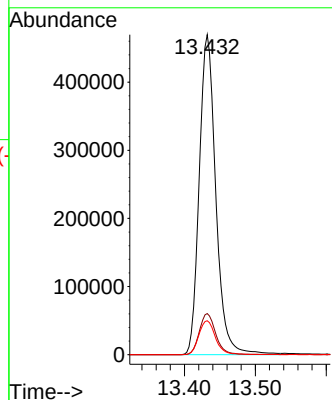
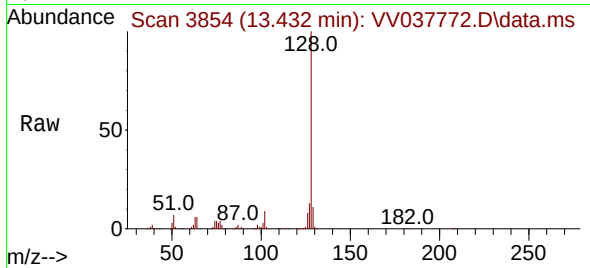




#71
Naphthalene
Concen: 44.043 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 763117
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 45.442 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.003 min
Lab File: VV037772.D
Acq: 08 Oct 2024 16:35

Tgt Ion:180 Resp: 297597
Ion Ratio Lower Upper
180 100
182 93.9 75.8 113.8
145 33.2 26.2 39.4

