

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037535.D
 Acq On : 26 Sep 2024 09:07
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	692666	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	667190	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	361469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	311603	51.246	ug/L	0.00
7) Chloroethane-d5	1.532	69	245317	51.977	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	130695	51.447	ug/L	0.00
21) 2-Butanone-d5	3.793	46	209427	98.870	ug/L	0.00
24) Chloroform-d	4.243	84	553328	51.149	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	317789	50.188	ug/L	0.00
32) Benzene-d6	4.953	84	1090437	52.230	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	340928	49.619	ug/L	0.00
41) Toluene-d8	7.236	98	1000602	52.854	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	158514	51.327	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	138124	102.362	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	382209	49.480	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	378519	49.695	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	285102	48.349	ug/L	100
3) Chloromethane	1.217	50	280727	49.037	ug/L	100
5) Vinyl chloride	1.285	62	294425	47.972	ug/L	100
6) Bromomethane	1.487	94	163147	47.900	ug/L	100
8) Chloroethane	1.548	64	180634	47.751	ug/L	100
9) Trichlorofluoromethane	1.715	101	399425	48.349	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	238158	48.243	ug/L	100
12) 1,1-Dichloroethene	2.069	96	221917	48.123	ug/L	100
13) Acetone	2.111	43	207235	97.609	ug/L	100
14) Carbon disulfide	2.240	76	683376	47.475	ug/L	100
15) Methyl Acetate	2.371	43	178306	48.124	ug/L	100
16) Methylene chloride	2.445	84	249917	47.864	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	236577	48.494	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	674472	48.189	ug/L	100
19) 1,1-Dichloroethane	3.108	63	451715	48.328	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	267765	49.048	ug/L	100
22) 2-Butanone	3.873	43	221141	96.884	ug/L	100
23) Bromochloromethane	4.140	128	137976	48.859	ug/L	100
25) Chloroform	4.268	83	467218	48.279	ug/L	100
27) 1,2-Dichloroethane	5.037	62	331700	48.552	ug/L	100
29) Cyclohexane	4.574	56	370823	48.952	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	402239	48.950	ug/L	100
31) Carbon tetrachloride	4.728	117	350003	48.991	ug/L	100
33) Benzene	5.002	78	1007154	50.053	ug/L	100
34) Trichloroethene	5.828	95	263087	49.096	ug/L	100
35) Methylcyclohexane	6.043	83	406927	49.363	ug/L	100
37) 1,2-Dichloropropane	6.088	63	254428	48.965	ug/L	100
38) Bromodichloromethane	6.426	83	339007	48.807	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	426988	51.480	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	415810	100.051	ug/L	100
42) Toluene	7.310	91	1063036	50.961	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	378702	50.714	ug/L	100

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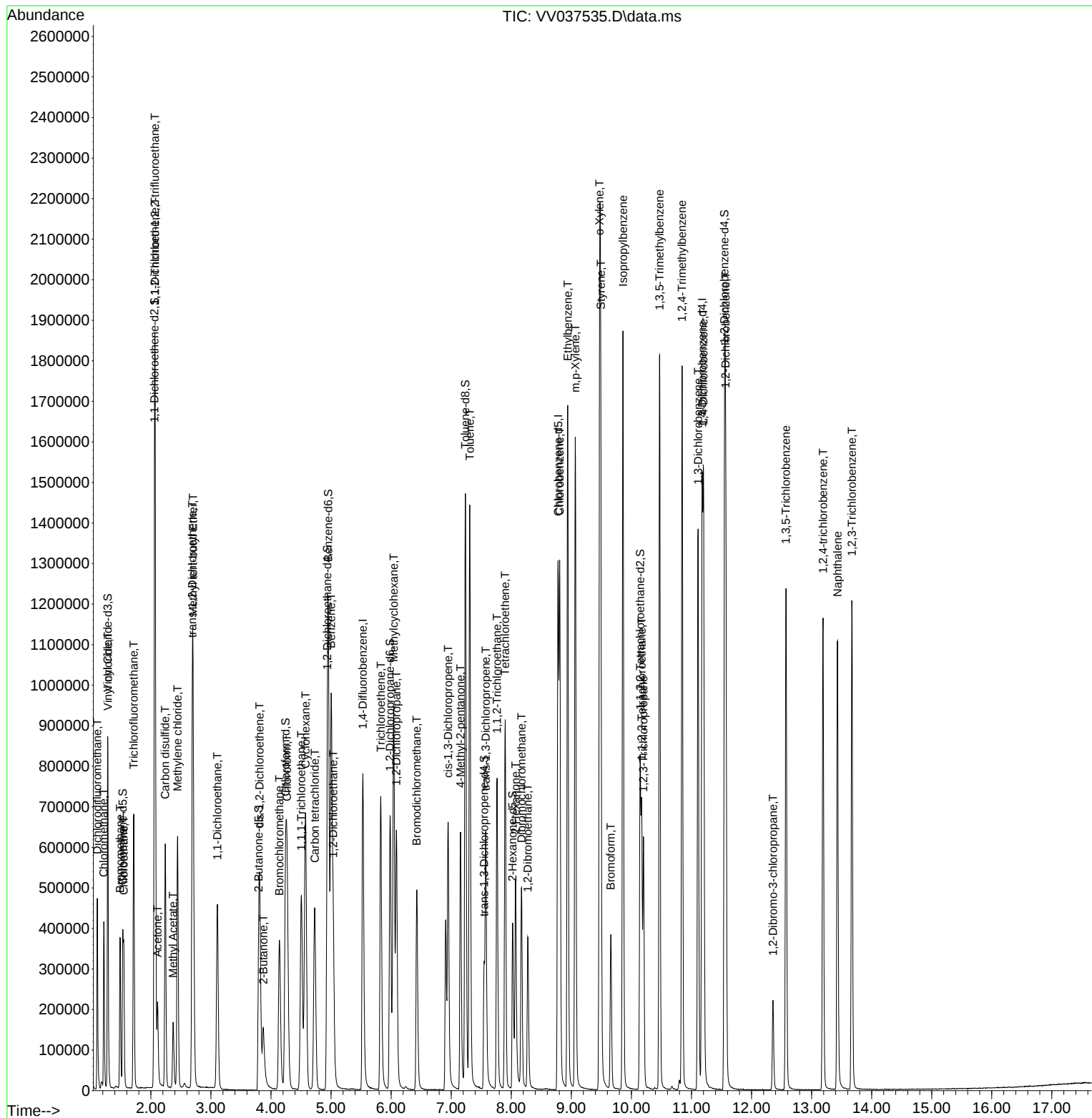
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	244387	48.983	ug/L	100
46) Tetrachloroethene	7.899	164	201549	49.194	ug/L	100
48) 2-Hexanone	8.072	43	323776	104.972	ug/L	100
49) Dibromochloromethane	8.172	129	260464	49.326	ug/L	100
50) 1,2-Dibromoethane	8.275	107	252897	49.036	ug/L	100
51) Chlorobenzene	8.805	112	695558	48.942	ug/L	100
52) Ethylbenzene	8.940	91	1181109	50.300	ug/L	100
53) m,p-Xylene	9.066	106	451287	51.641	ug/L	100
54) o-Xylene	9.471	106	434705	50.952	ug/L	100
55) Styrene	9.490	104	785481	52.886	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	333967	48.011	ug/L	100
59) Bromoform	9.657	173	166028	46.995	ug/L	100
60) Isopropylbenzene	9.860	105	1183005	50.339	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	243543	47.349	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	948413	51.046	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	953840	51.597	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	554244	48.998	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	576547	48.949	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	544121	48.660	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	56889	45.563	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	372319	47.864	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	342117	47.403	ug/L	100
71) Naphthalene	13.432	128	891148	47.261	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	346190	48.574	ug/L	100

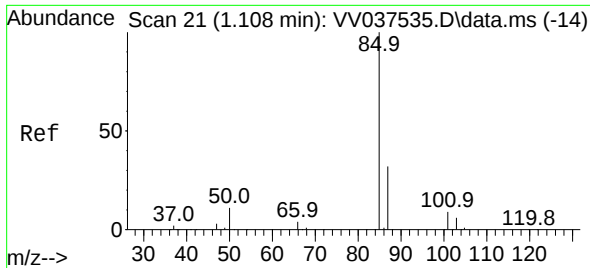
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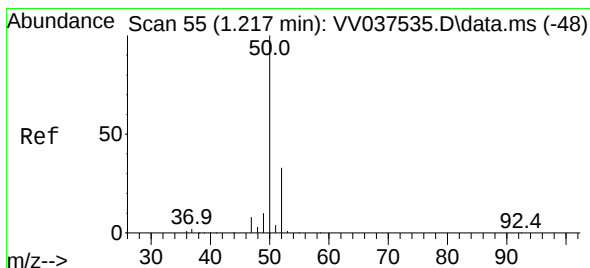
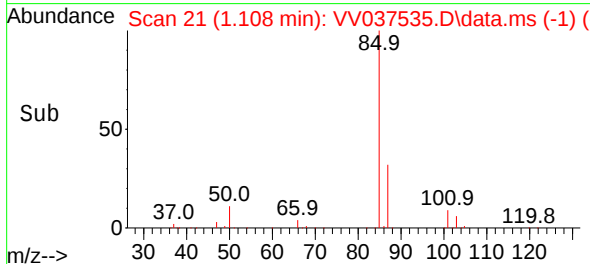
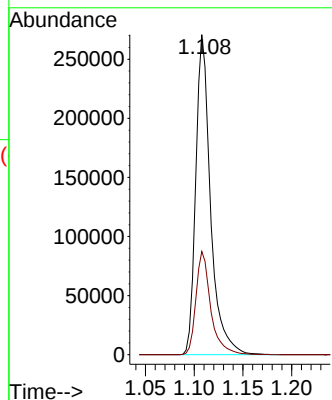
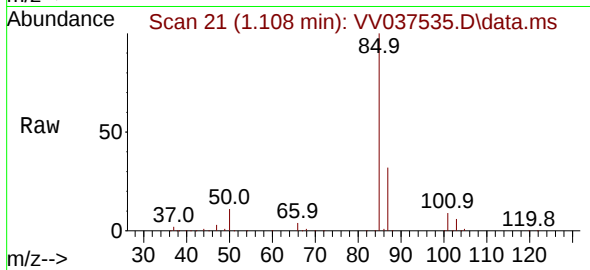




#2
 Dichlorodifluoromethane
 Concen: 48.349 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037535.D
 Acq: 26 Sep 2024 09:07

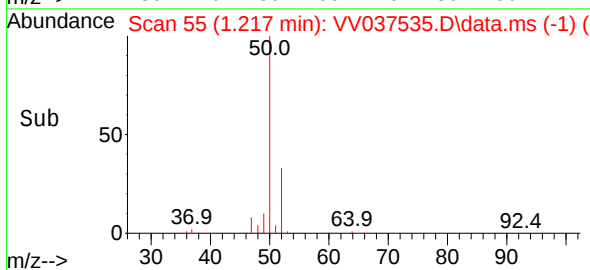
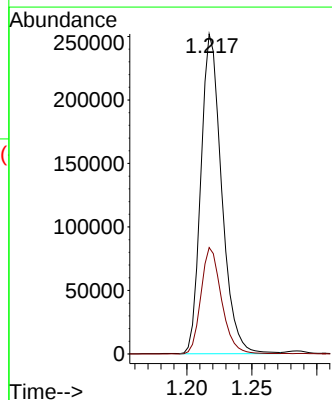
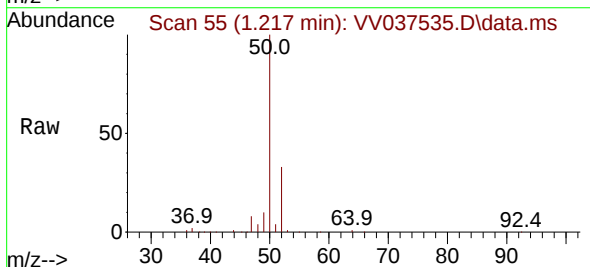
Instrument :
 MSVOA_V
 ClientSampleId :

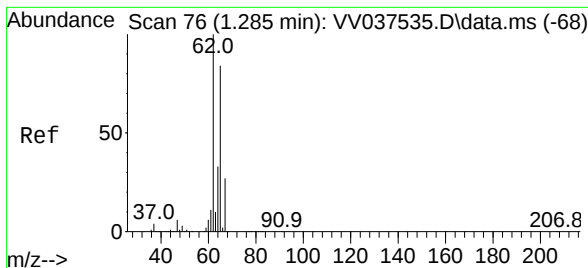
Tgt Ion: 85 Resp: 285102
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 49.037 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037535.D
 Acq: 26 Sep 2024 09:07

Tgt Ion: 50 Resp: 280727
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

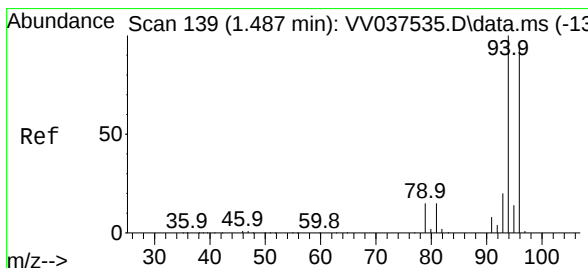
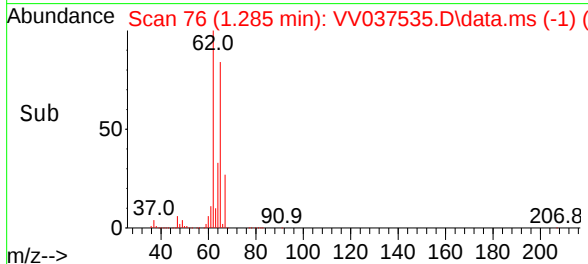
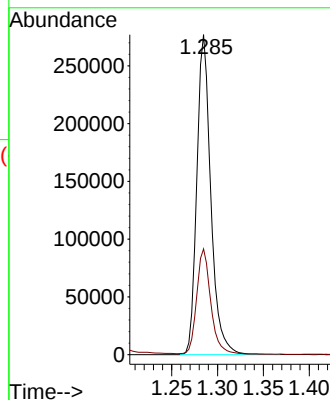
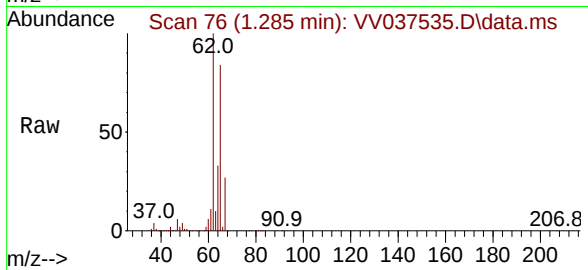




#5
 Vinyl chloride
 Concen: 47.972 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037535.D
 Acq: 26 Sep 2024 09:07

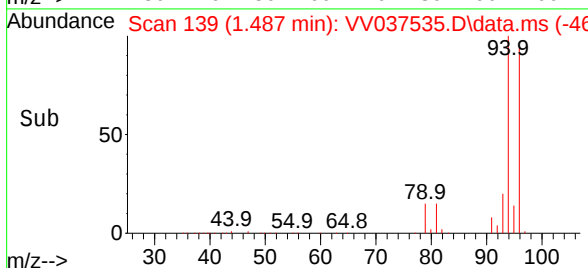
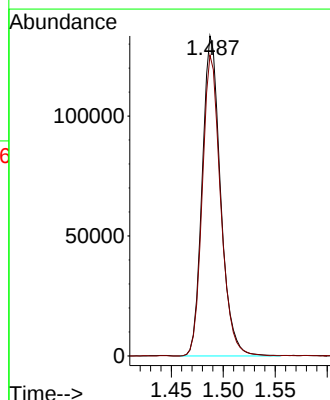
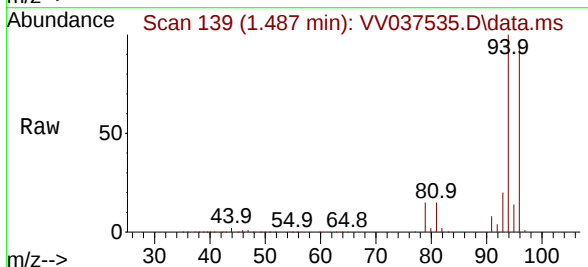
Instrument :
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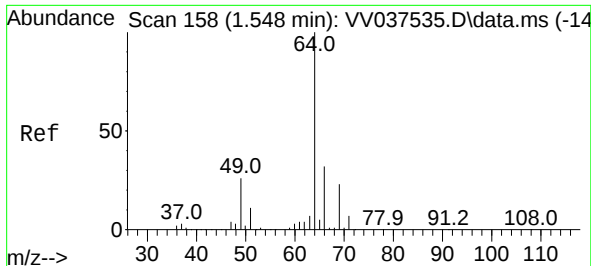
Tgt Ion: 62 Resp: 294425
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 47.900 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037535.D
 Acq: 26 Sep 2024 09:07

Tgt Ion: 94 Resp: 163147
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.8 122.2

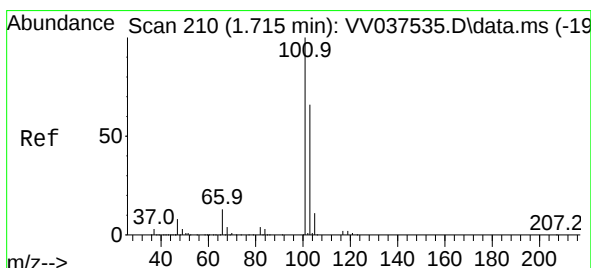
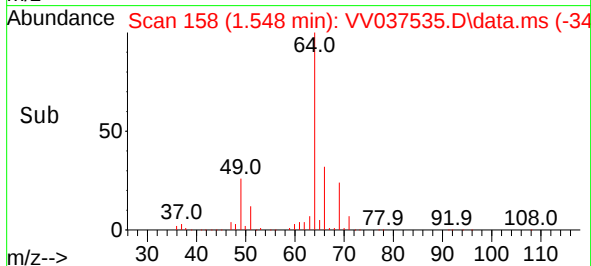
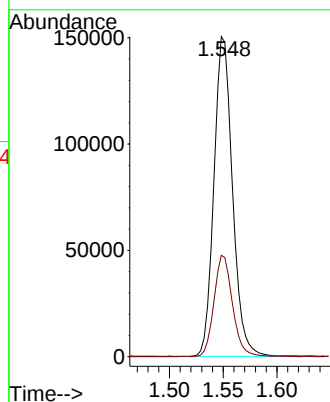
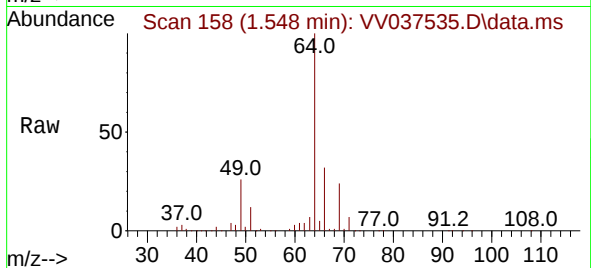




#8
Chloroethane
Concen: 47.751 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

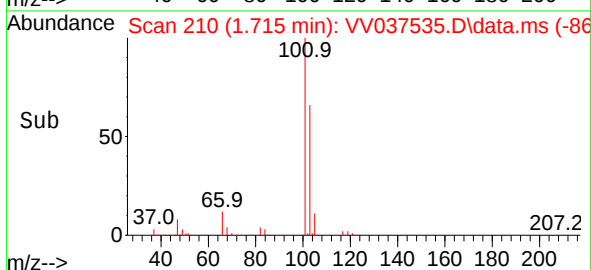
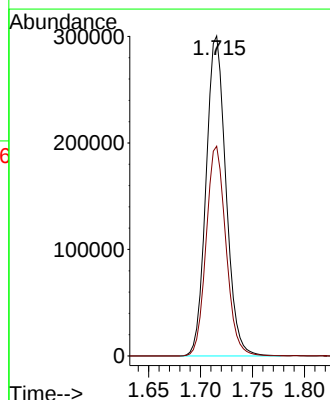
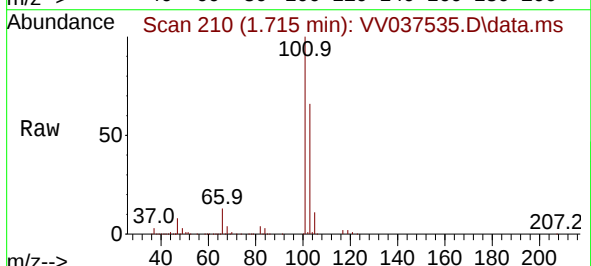
Instrument :
MSVOA_V
ClientSampleId :

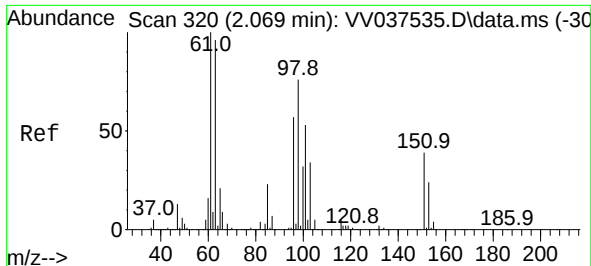
Tgt Ion: 64 Resp: 180634
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 48.349 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion:101 Resp: 399425
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4





#10

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

Concen: 48.243 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

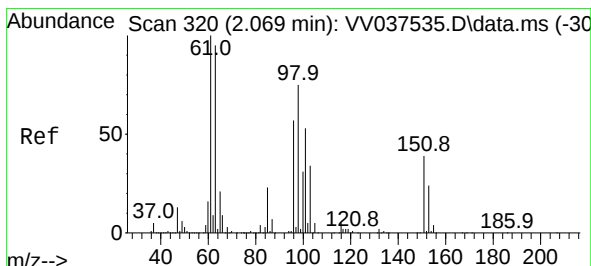
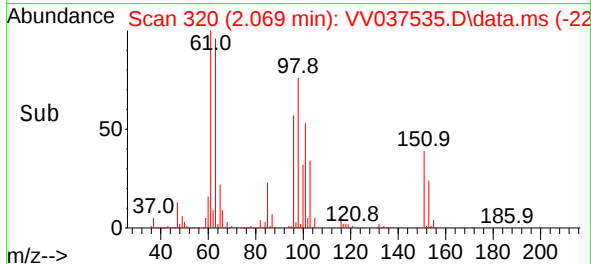
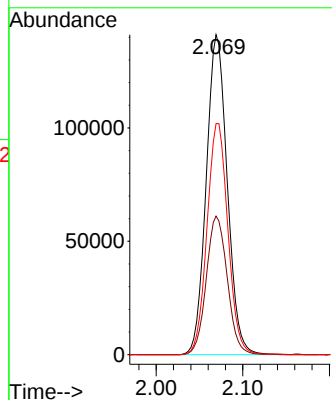
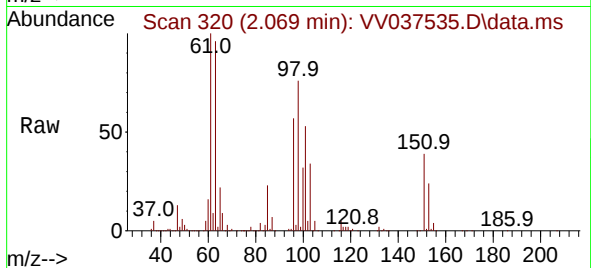
Tgt Ion:101 Resp: 238158

Ion Ratio Lower Upper

101 100

85 43.3 34.6 52.0

151 71.9 57.5 86.3



#12

1,1-Dichloroethene

Concen: 48.123 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

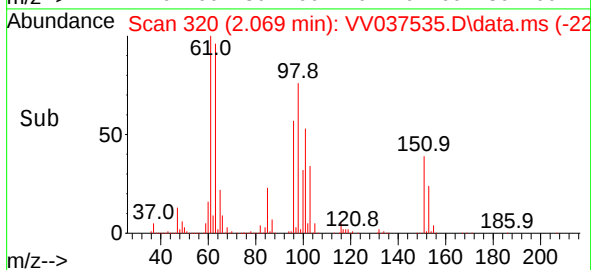
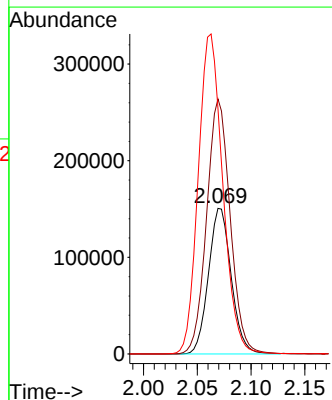
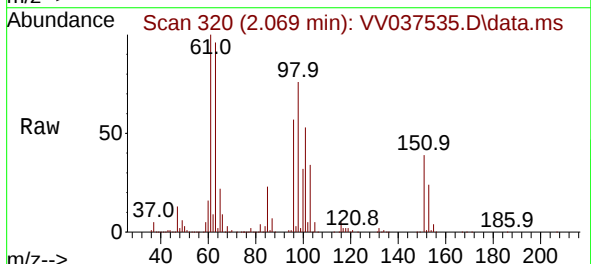
Tgt Ion: 96 Resp: 221917

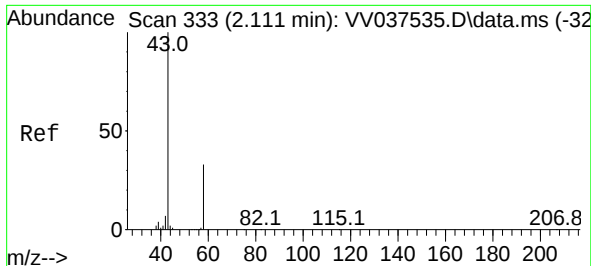
Ion Ratio Lower Upper

96 100

61 175.1 122.6 227.6

63 168.6 118.0 219.2





#13

Acetone

Concen: 97.609 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

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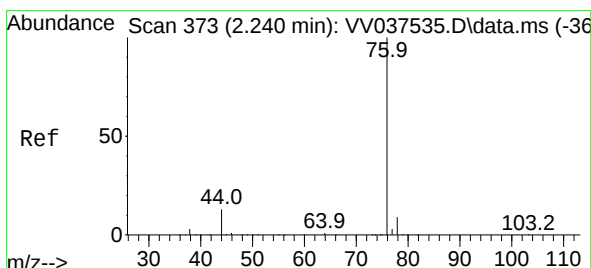
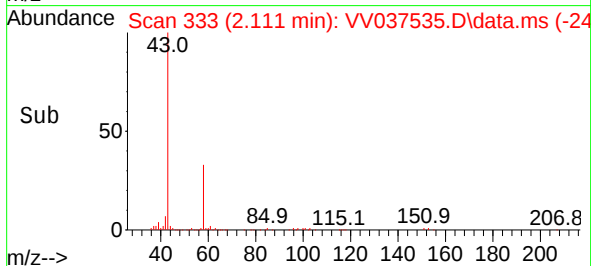
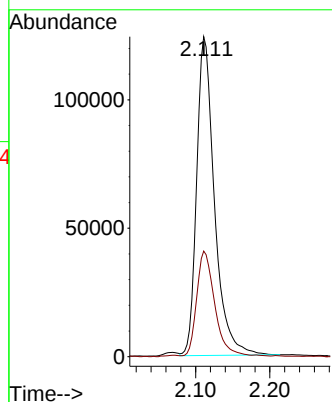
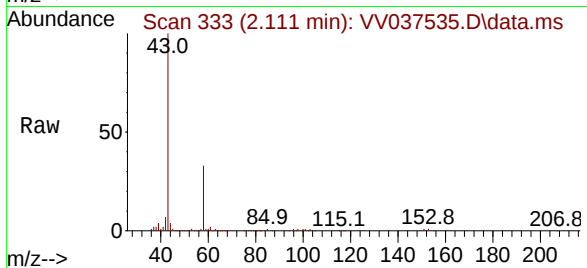
ClientSampleId :

Tgt Ion: 43 Resp: 207235

Ion Ratio Lower Upper

43 100

58 33.3 0.0 66.6



#14

Carbon disulfide

Concen: 47.475 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037535.D

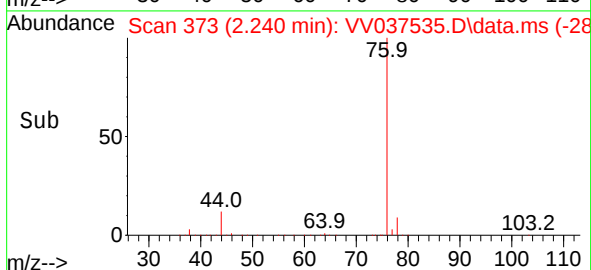
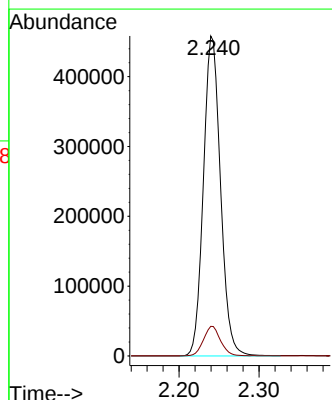
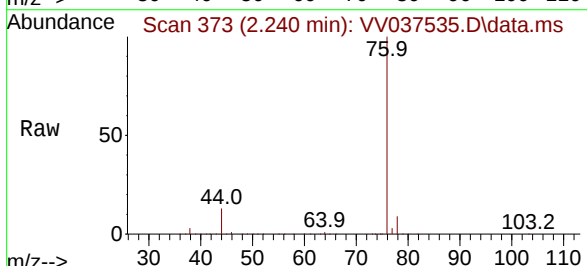
Acq: 26 Sep 2024 09:07

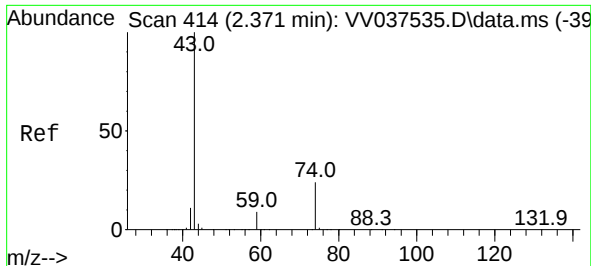
Tgt Ion: 76 Resp: 683376

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 48.124 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

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Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

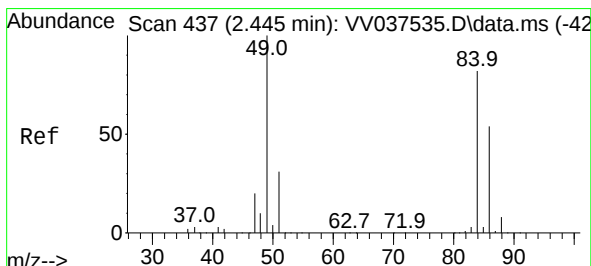
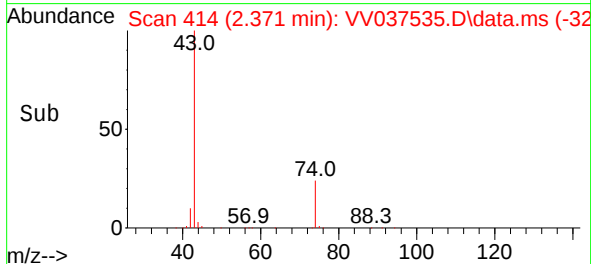
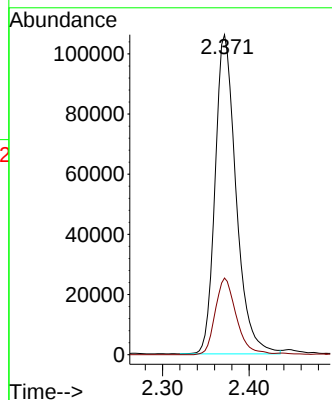
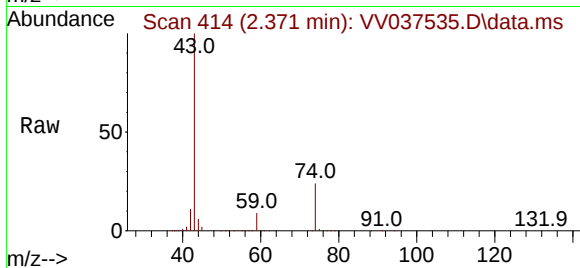
ClientSampleId :

Tgt Ion: 43 Resp: 178306

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0



#16

Methylene chloride

Concen: 47.864 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

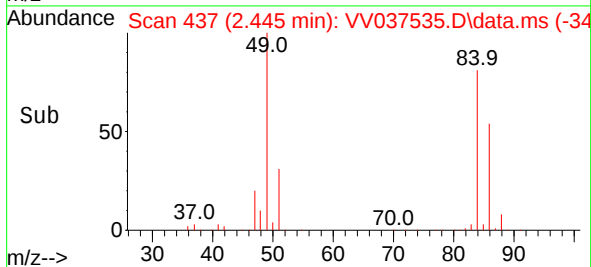
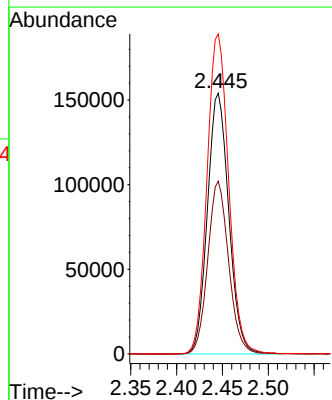
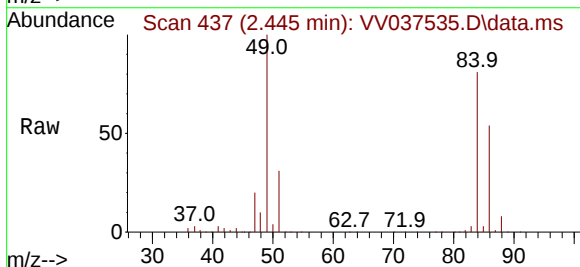
Tgt Ion: 84 Resp: 249917

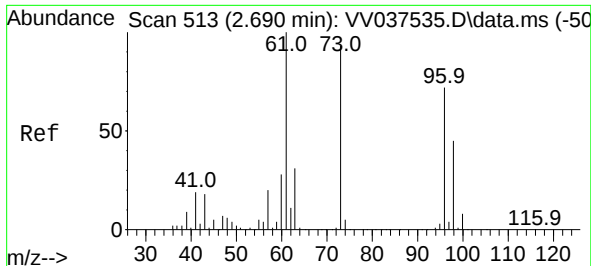
Ion Ratio Lower Upper

84 100

86 66.3 46.4 86.2

49 122.7 85.9 159.5

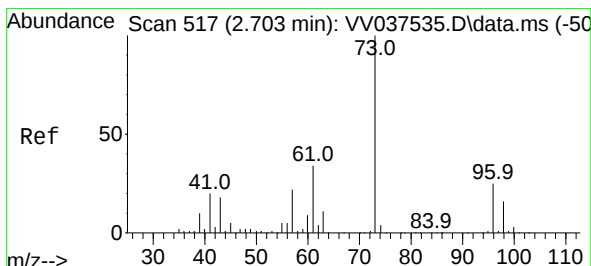
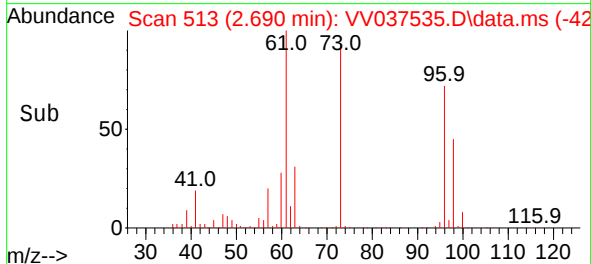
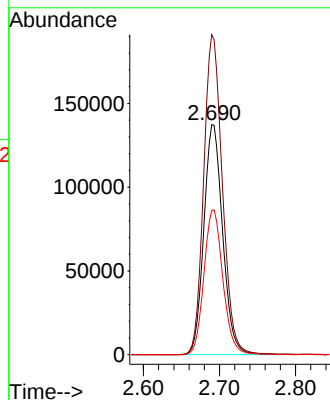
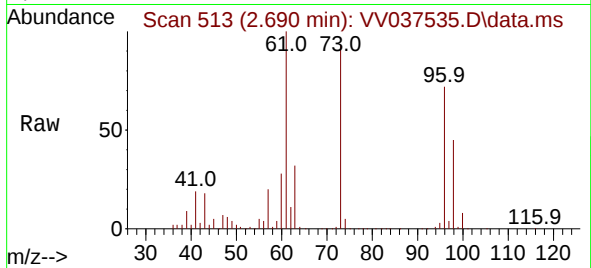




#17
trans-1,2-Dichloroethene
Concen: 48.494 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

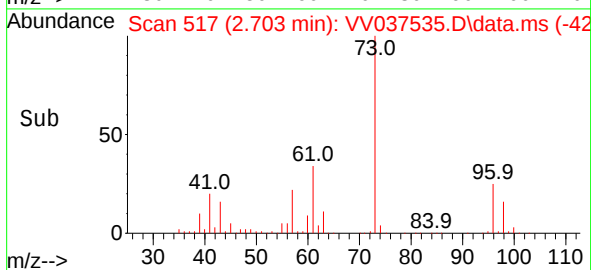
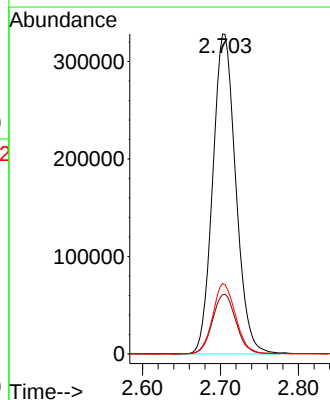
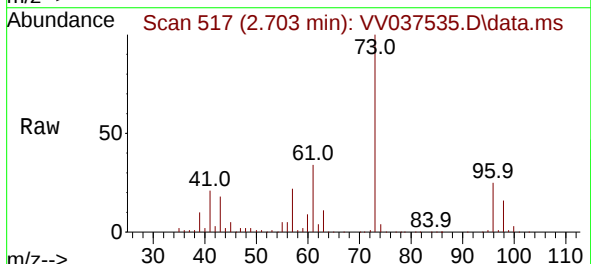
Instrument :
MSVOA_V
ClientSampleId :

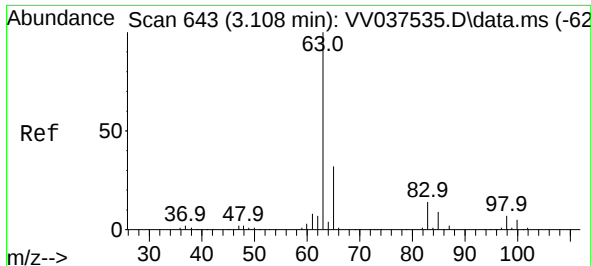
Tgt Ion: 96 Resp: 236577
Ion Ratio Lower Upper
96 100
61 139.0 97.3 180.7
98 62.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 48.189 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

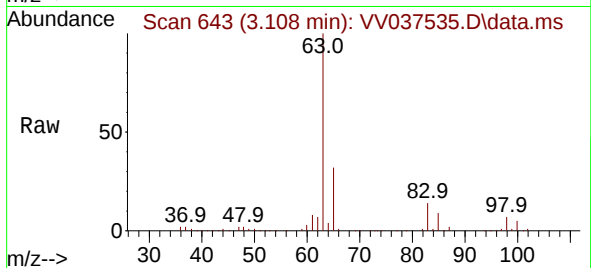
Tgt Ion: 73 Resp: 674472
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 21.8 17.4 26.2



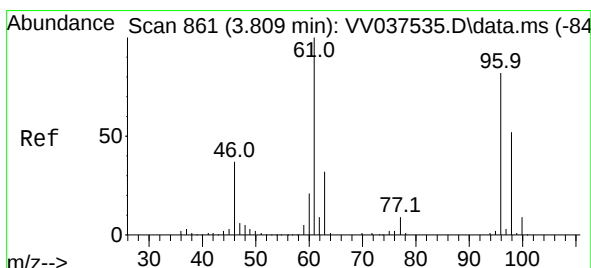
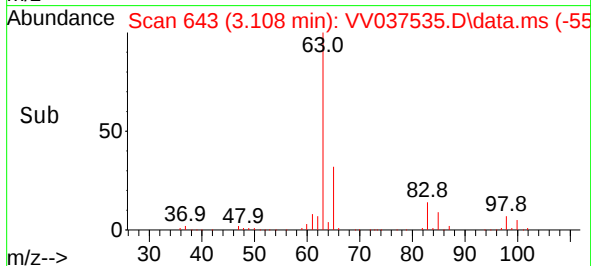
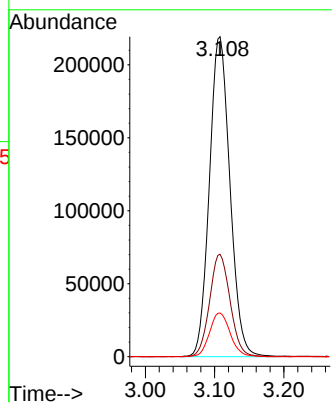


#19
1,1-Dichloroethane
Concen: 48.328 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :

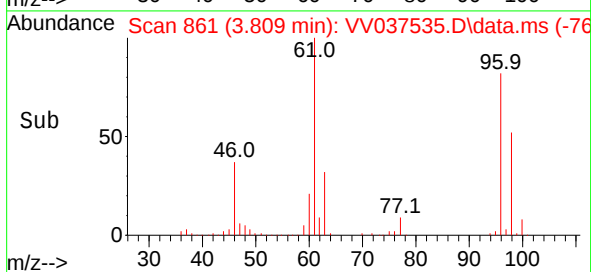
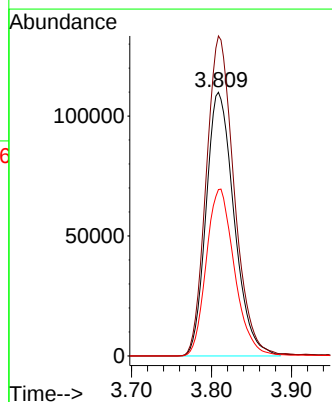
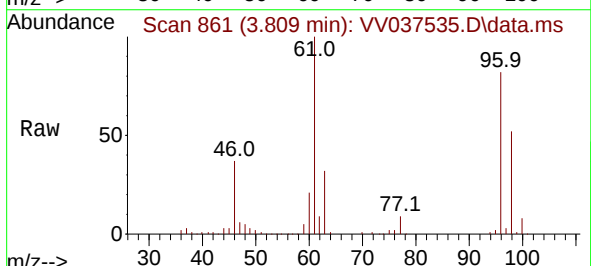


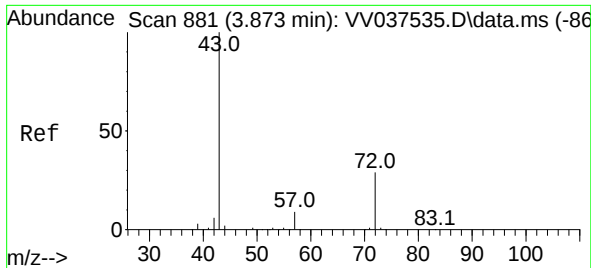
Tgt Ion: 63 Resp: 451715
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 49.048 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion: 96 Resp: 267765
Ion Ratio Lower Upper
96 100
61 121.4 85.0 157.8
98 63.1 44.2 82.0

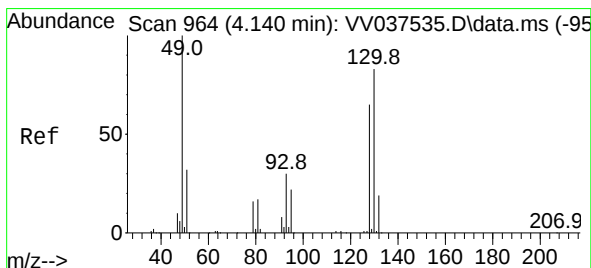
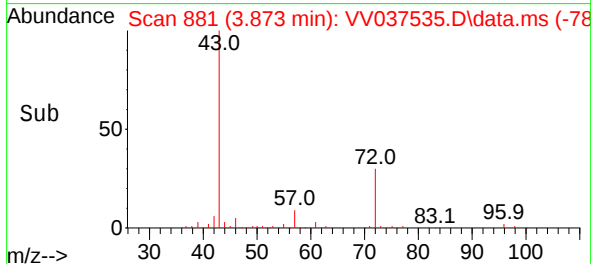
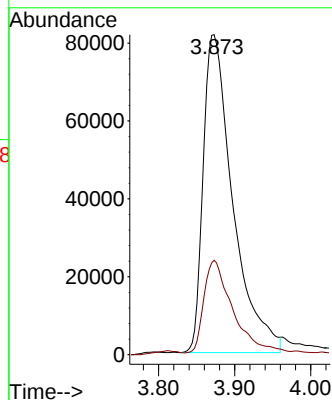
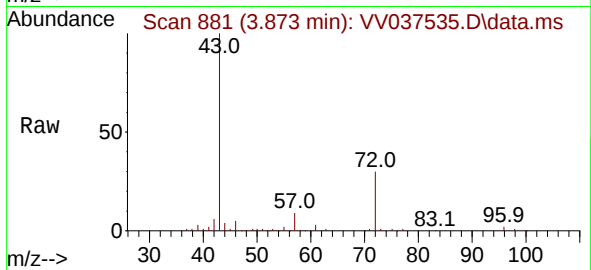




#22
2-Butanone
Concen: 96.884 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

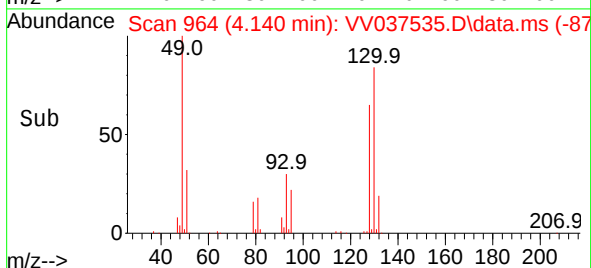
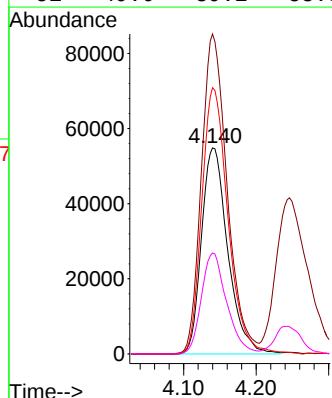
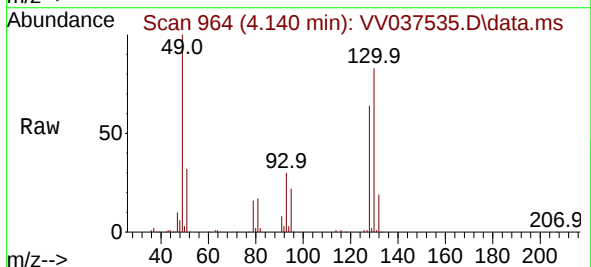
Instrument :
MSVOA_V
ClientSampleId :

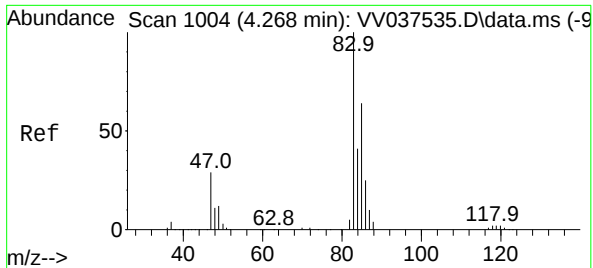
Tgt Ion: 43 Resp: 221141
Ion Ratio Lower Upper
43 100
72 28.6 14.3 42.9



#23
Bromochloromethane
Concen: 48.859 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion:128 Resp: 137976
Ion Ratio Lower Upper
128 100
49 155.3 108.7 201.9
130 129.2 90.4 168.0
51 49.0 39.2 58.8





#25

Chloroform

Concen: 48.279 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

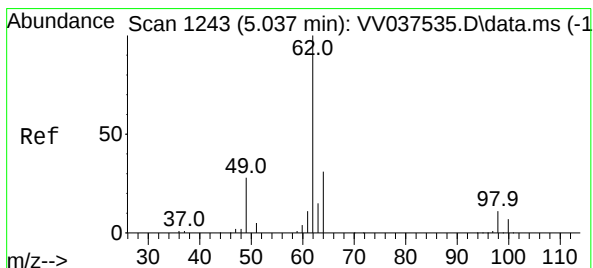
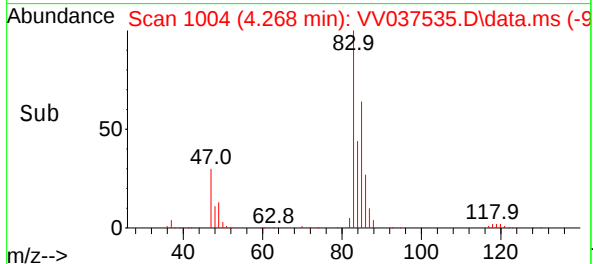
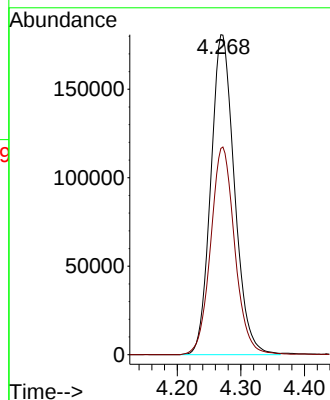
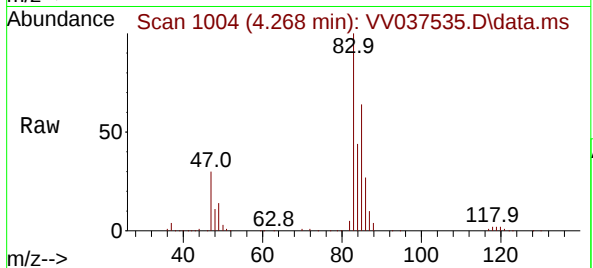
ClientSampleId :

Tgt Ion: 83 Resp: 467218

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 48.552 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037535.D

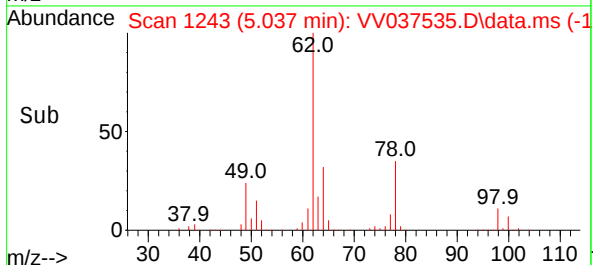
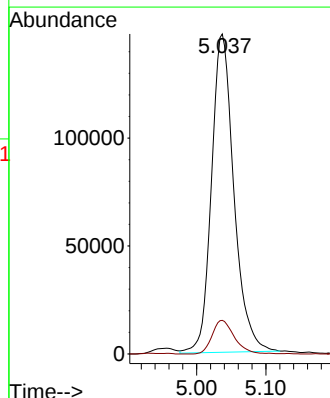
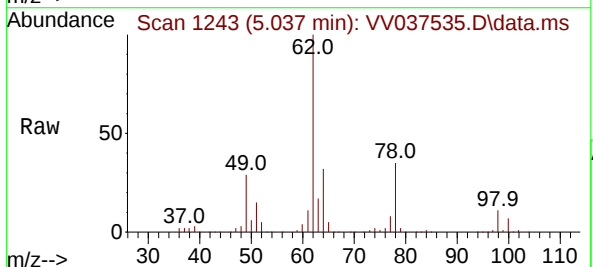
Acq: 26 Sep 2024 09:07

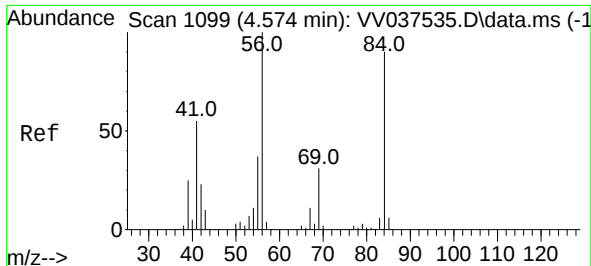
Tgt Ion: 62 Resp: 331700

Ion Ratio Lower Upper

62 100

98 10.5 8.4 12.6





#29

Cyclohexane

Concen: 48.952 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

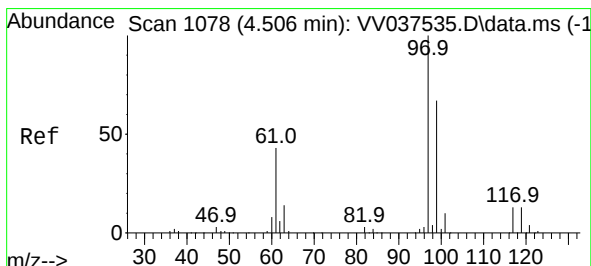
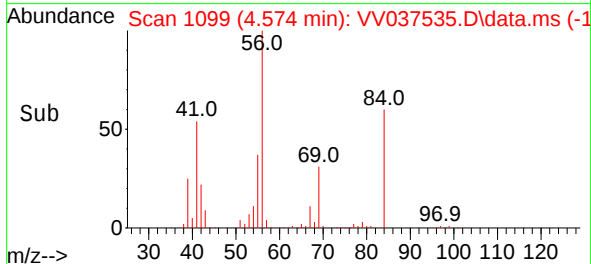
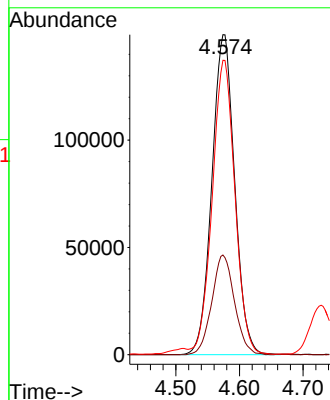
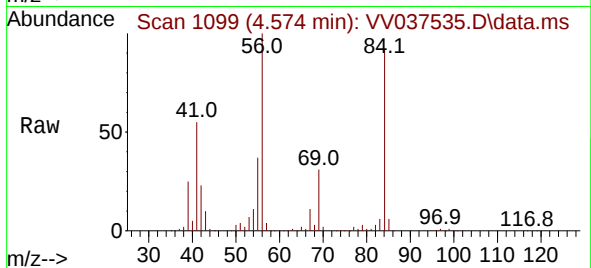
Tgt Ion: 56 Resp: 370823

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 91.7 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 48.950 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

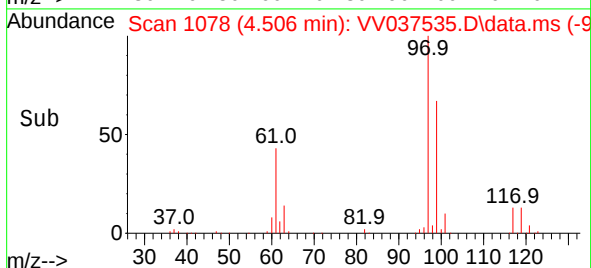
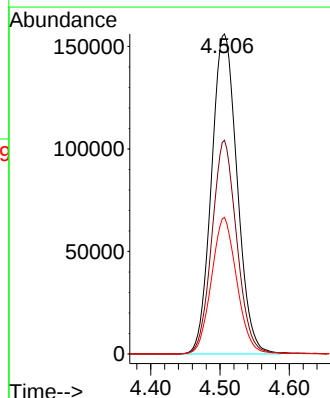
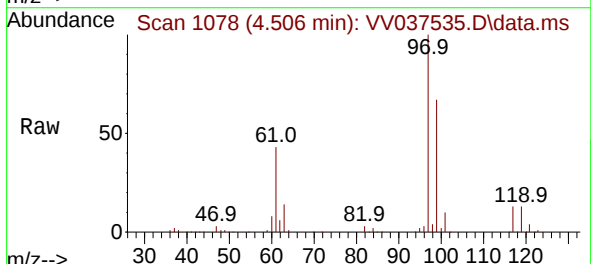
Tgt Ion: 97 Resp: 402239

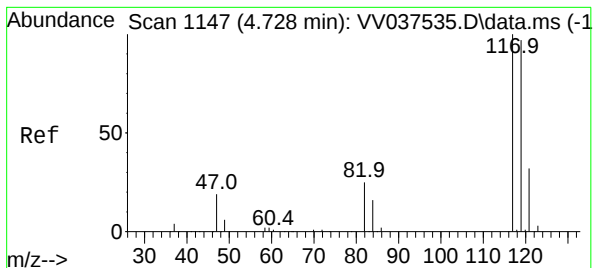
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 42.0 33.6 50.4





#31

Carbon tetrachloride

Concen: 48.991 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

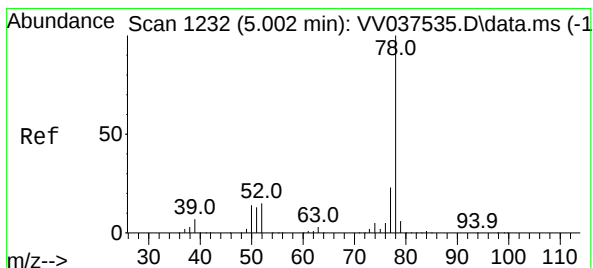
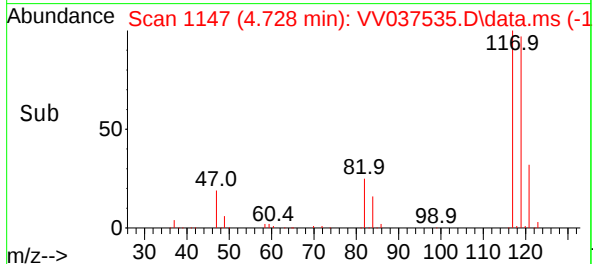
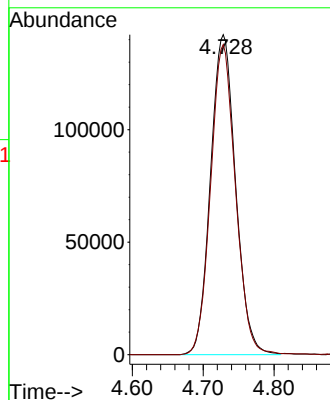
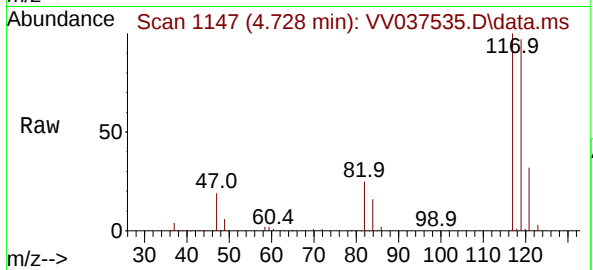
ClientSampleId :

Tgt Ion:117 Resp: 350003

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3



#33

Benzene

Concen: 50.053 ug/L

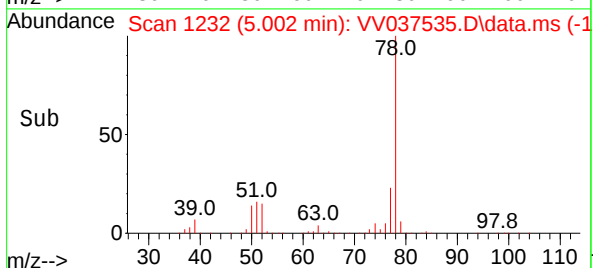
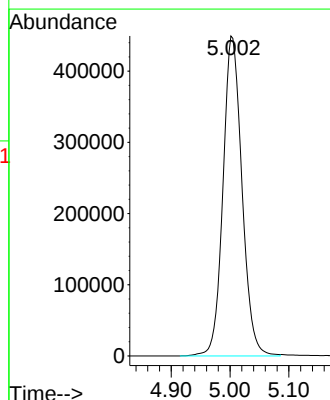
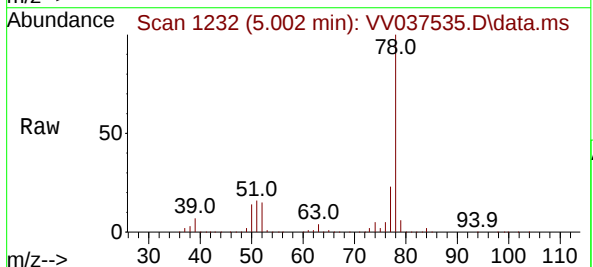
RT: 5.002 min Scan# 1232

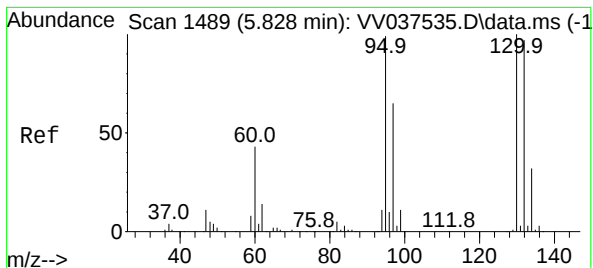
Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Tgt Ion: 78 Resp: 1007154





#34

Trichloroethene

Concen: 49.096 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 263087

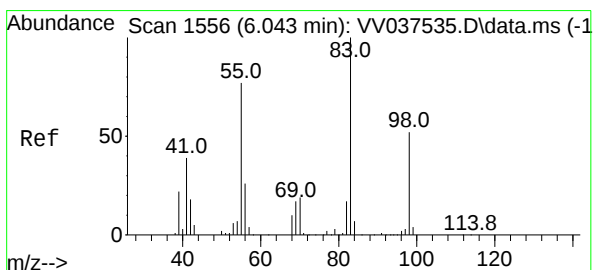
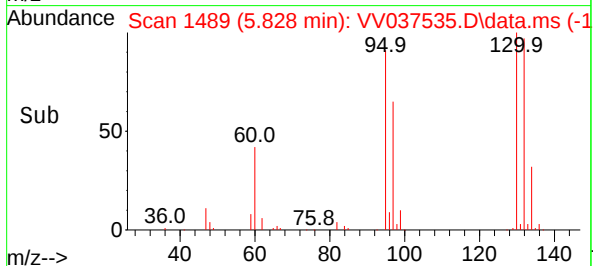
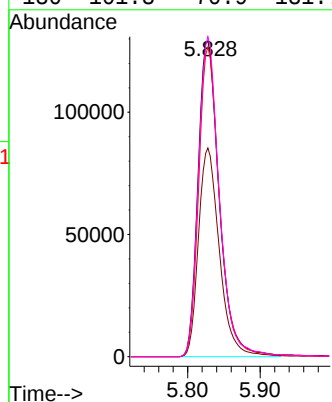
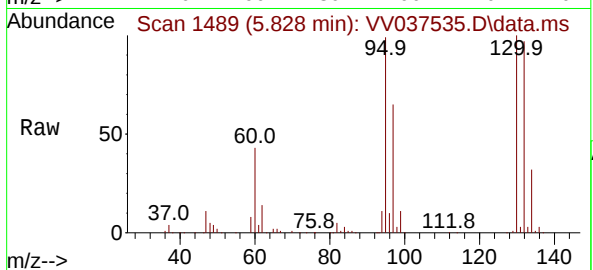
Ion Ratio Lower Upper

95 100

97 66.1 46.3 85.9

132 98.0 68.6 127.4

130 101.3 70.9 131.7



#35

Methylcyclohexane

Concen: 49.363 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

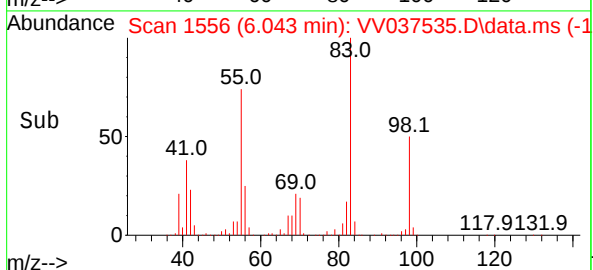
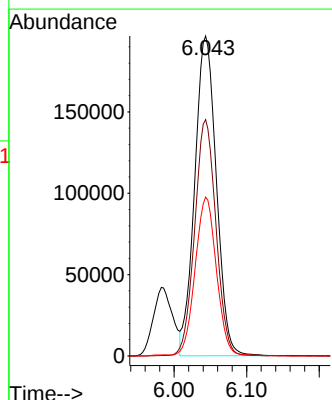
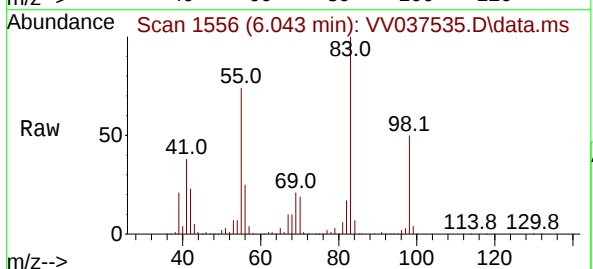
Tgt Ion: 83 Resp: 406927

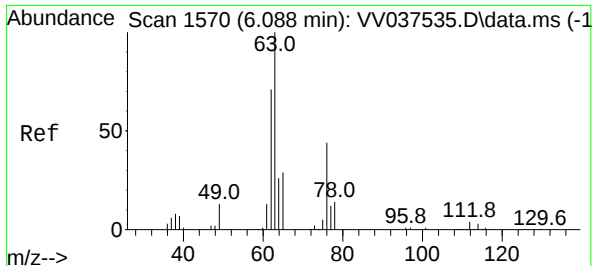
Ion Ratio Lower Upper

83 100

55 72.4 57.9 86.9

98 49.1 39.3 58.9

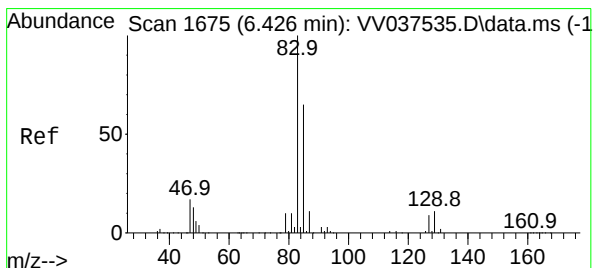
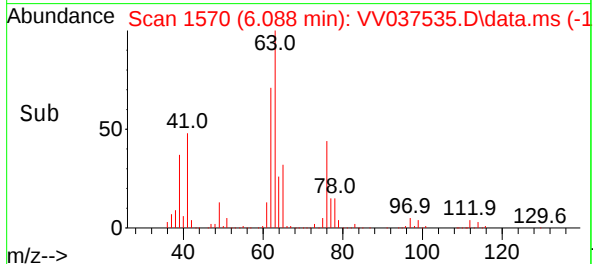
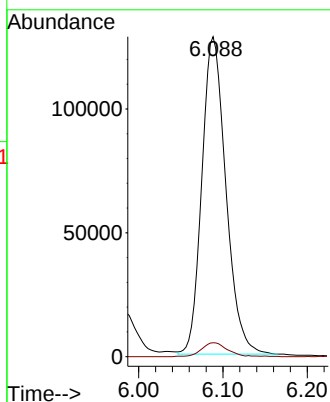
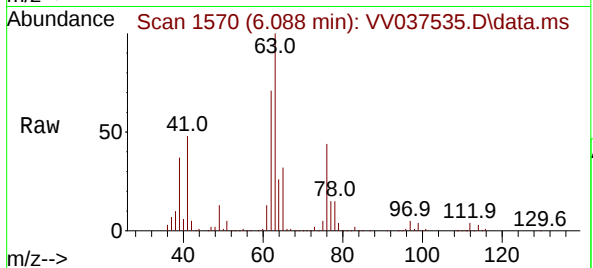




#37
1,2-Dichloropropane
Concen: 48.965 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

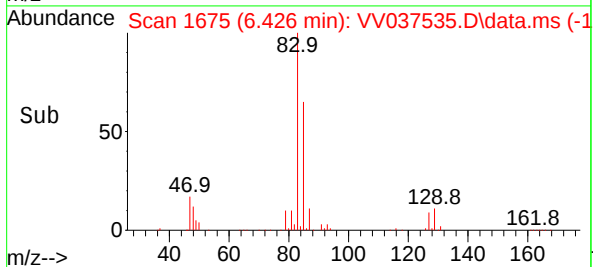
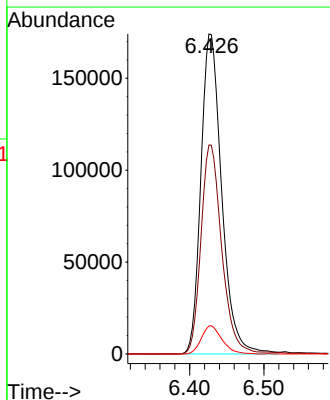
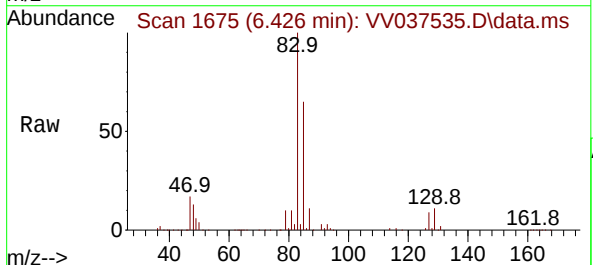
Instrument :
MSVOA_V
ClientSampleId :

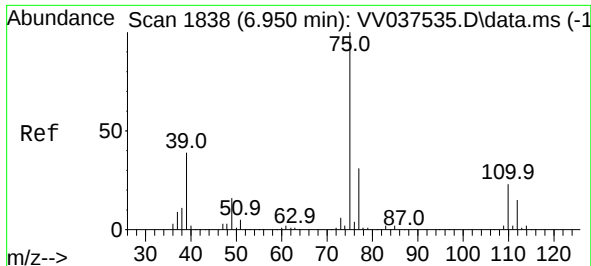
Tgt Ion: 63 Resp: 254428
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 48.807 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion: 83 Resp: 339007
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9
127 8.7 7.0 10.4

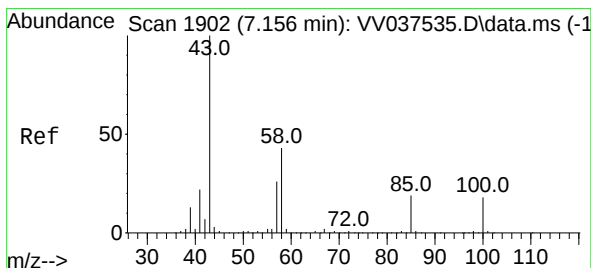
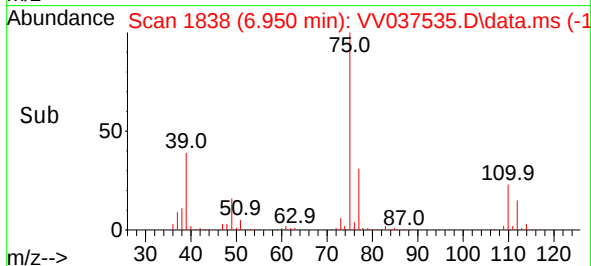
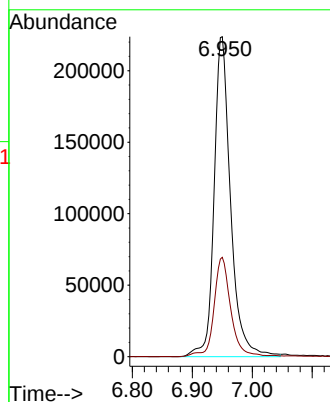
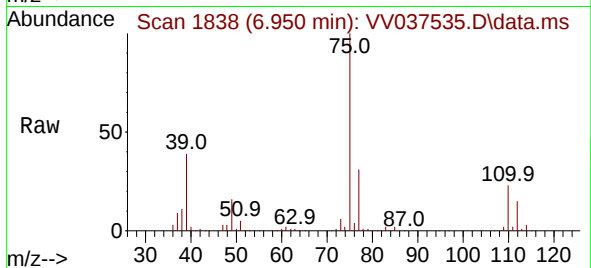




#39
 cis-1,3-Dichloropropene
 Concen: 51.480 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV037535.D
 Acq: 26 Sep 2024 09:07

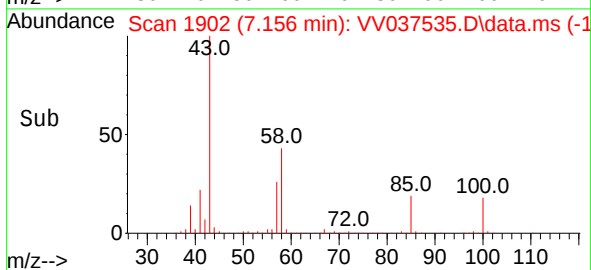
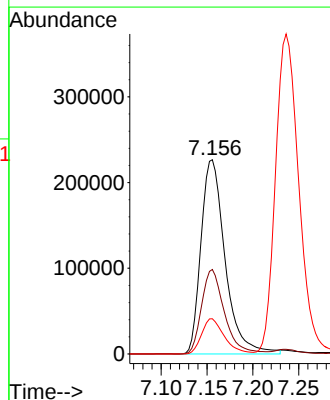
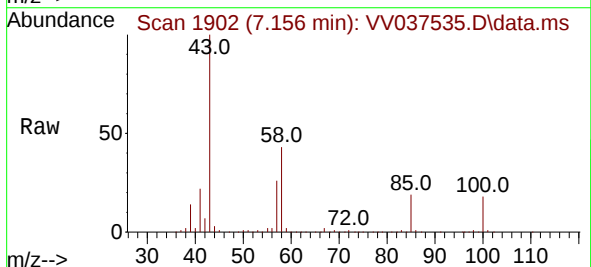
Instrument :
 MSVOA_V
 ClientSampleId :

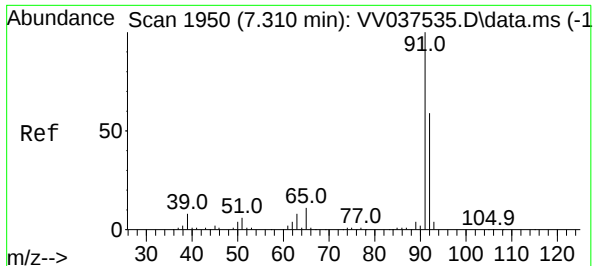
Tgt Ion: 75 Resp: 426988
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 100.051 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV037535.D
 Acq: 26 Sep 2024 09:07

Tgt Ion: 43 Resp: 415810
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.0 49.4
 100 17.1 13.7 20.5





#42

Toluene

Concen: 50.961 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

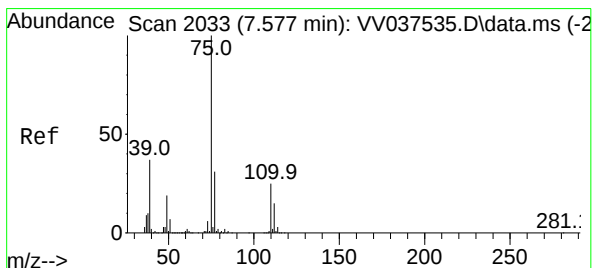
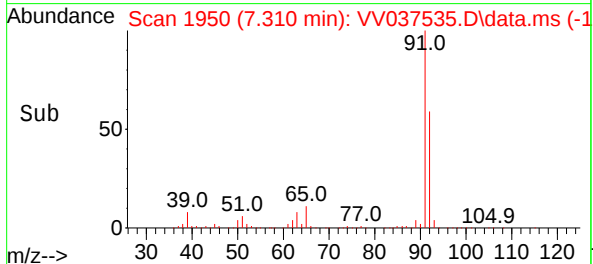
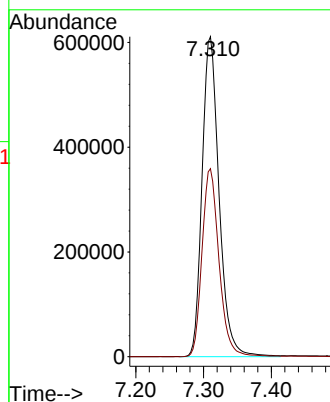
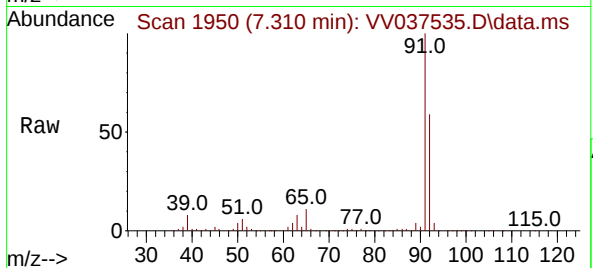
ClientSampleId :

Tgt Ion: 91 Resp: 1063036

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 50.714 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037535.D

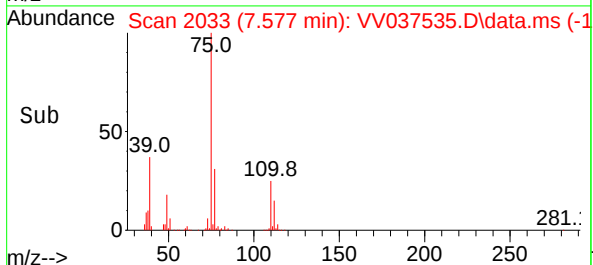
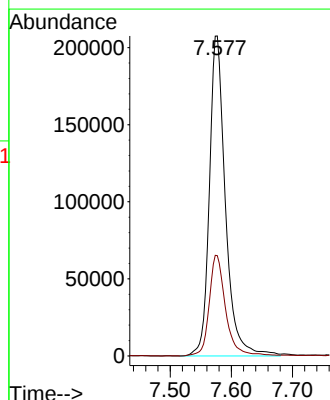
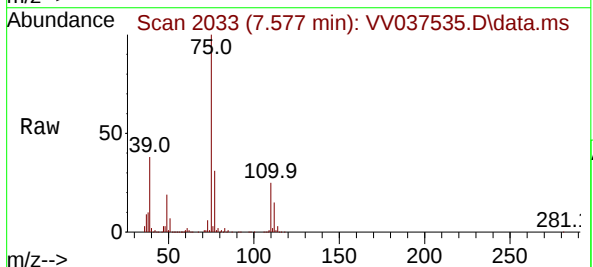
Acq: 26 Sep 2024 09:07

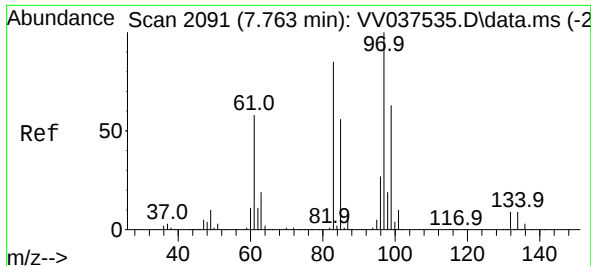
Tgt Ion: 75 Resp: 378702

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7

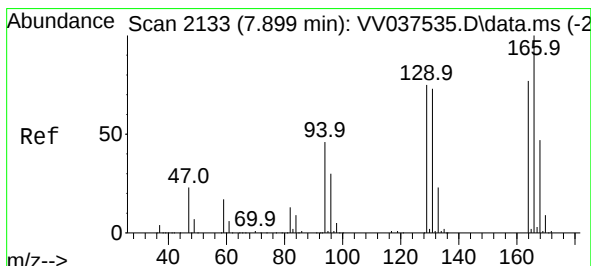
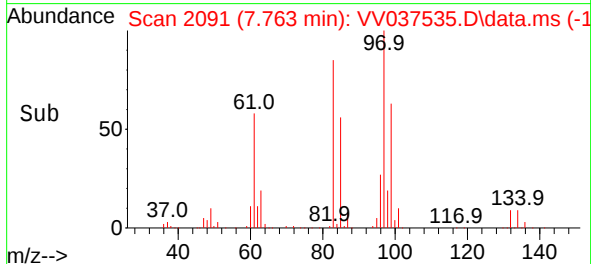
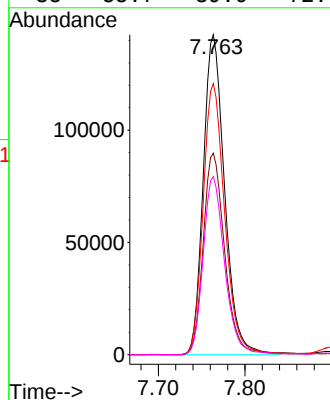
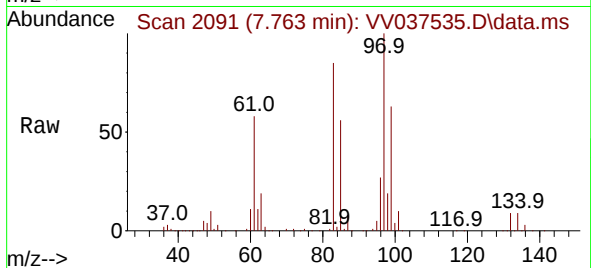




#45
1,1,2-Trichloroethane
Concen: 48.983 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

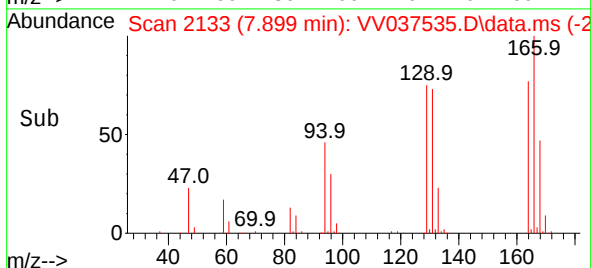
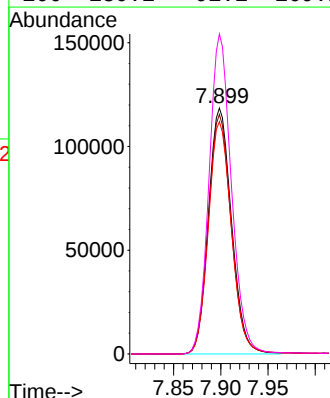
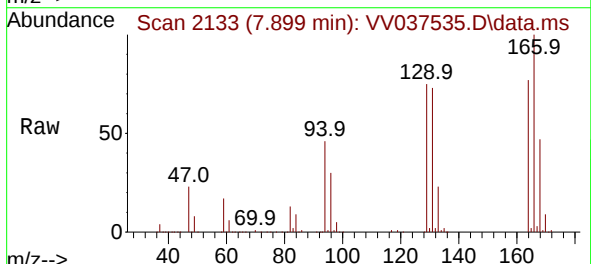
Instrument :
MSVOA_V
ClientSampleId :

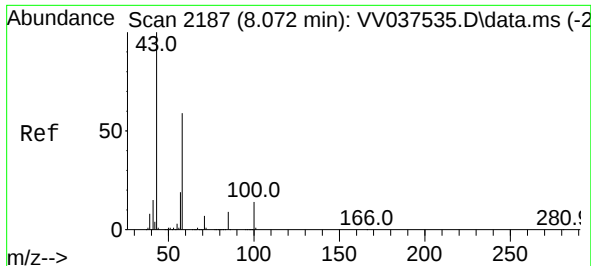
Tgt Ion:	97	Resp:	244387
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.1	81.9
83	84.7	59.3	110.1
85	55.7	39.0	72.4



#46
Tetrachloroethene
Concen: 49.194 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion:	164	Resp:	201549
Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.2	126.6
131	94.5	66.1	122.8
166	130.1	91.1	169.1

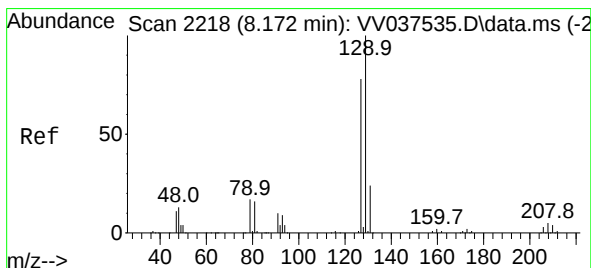
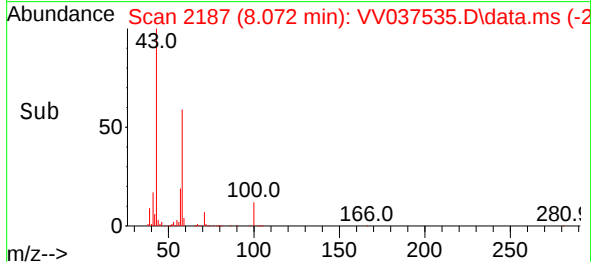
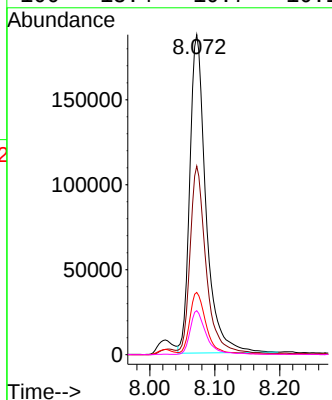
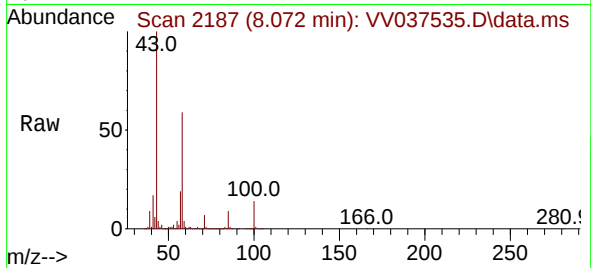




#48
2-Hexanone
Concen: 104.972 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

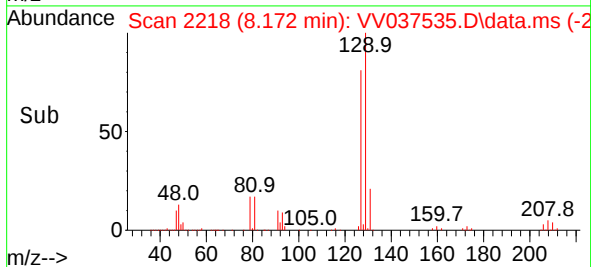
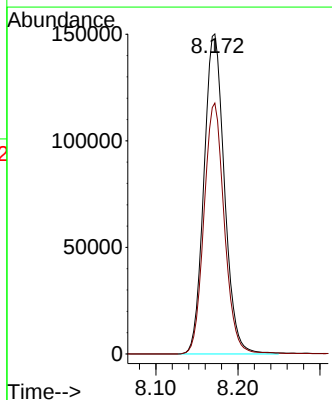
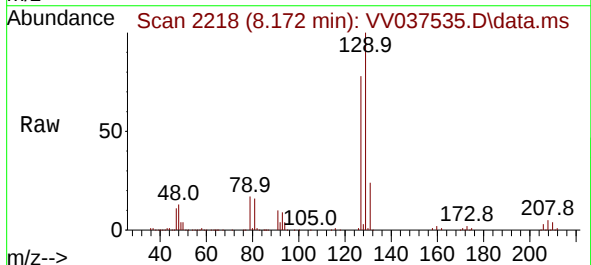
Instrument :
MSVOA_V
ClientSampleId :

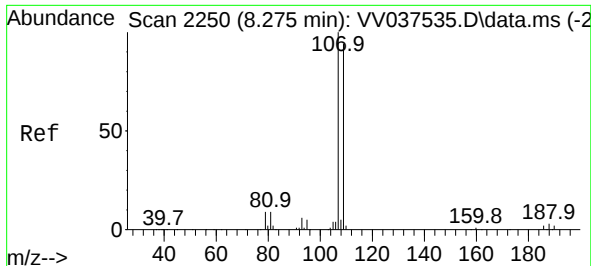
Tgt Ion: 43 Resp: 323776
Ion Ratio Lower Upper
43 100
58 58.1 46.5 69.7
57 18.9 15.1 22.7
100 13.4 10.7 16.1



#49
Dibromochloromethane
Concen: 49.326 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion: 129 Resp: 260464
Ion Ratio Lower Upper
129 100
127 78.4 54.9 101.9

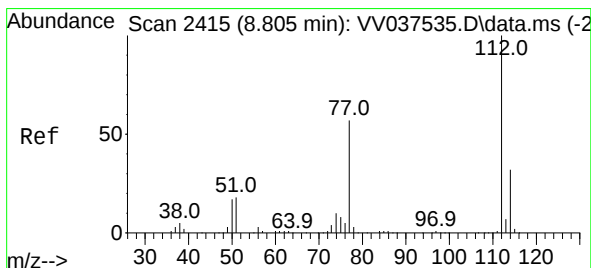
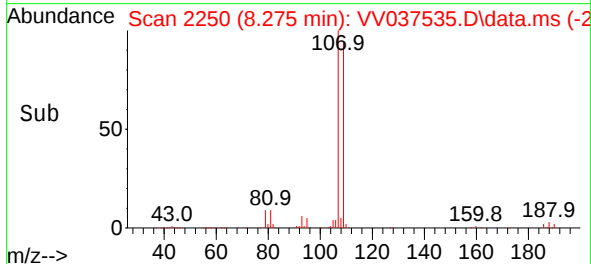
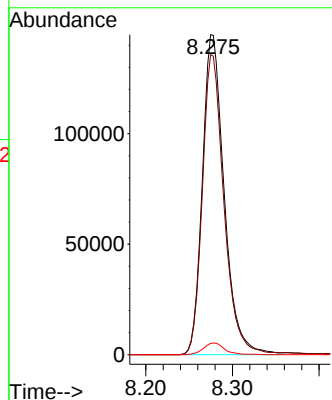
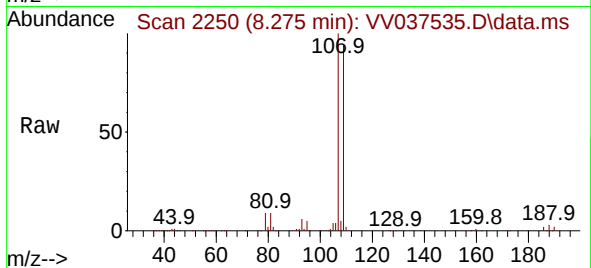




#50
1,2-Dibromoethane
Concen: 49.036 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

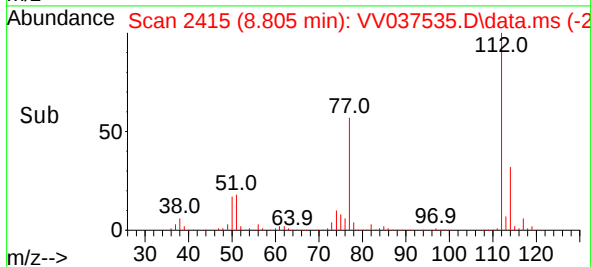
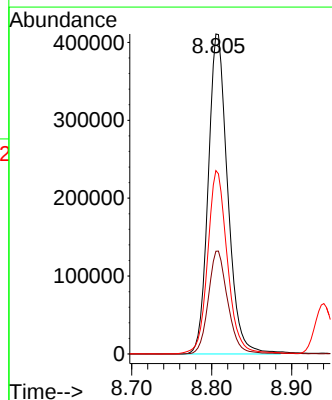
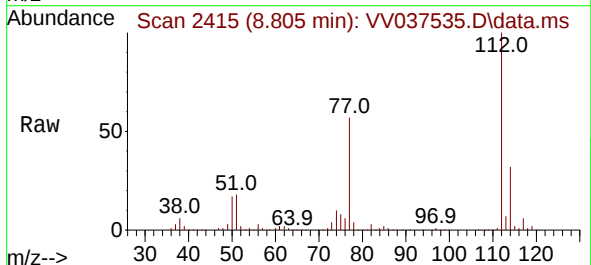
Instrument :
MSVOA_V
ClientSampleId :

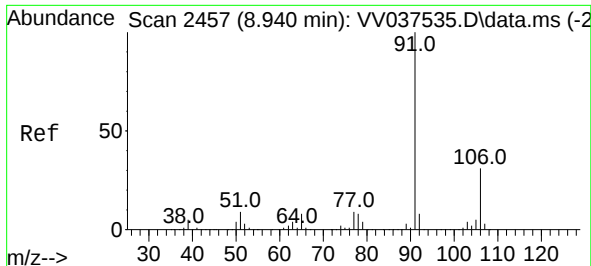
Tgt Ion:107 Resp: 252897
Ion Ratio Lower Upper
107 100
109 93.8 65.7 121.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 48.942 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion:112 Resp: 695558
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 57.3 45.8 68.8





#52

Ethylbenzene

Concen: 50.300 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

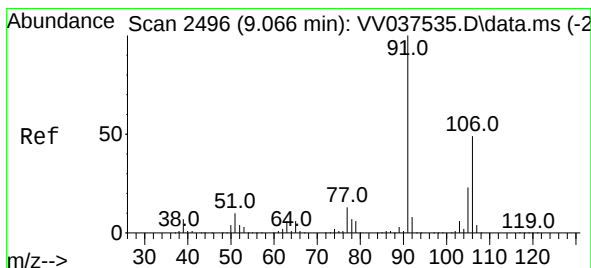
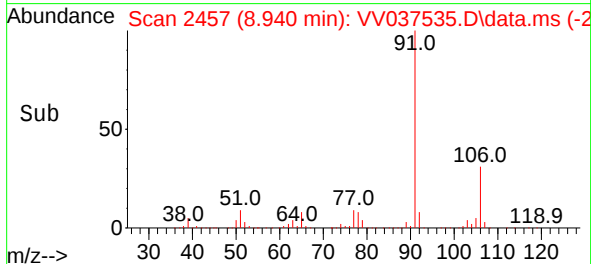
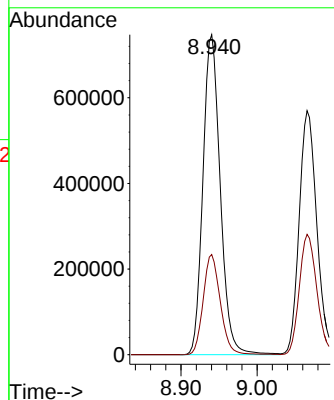
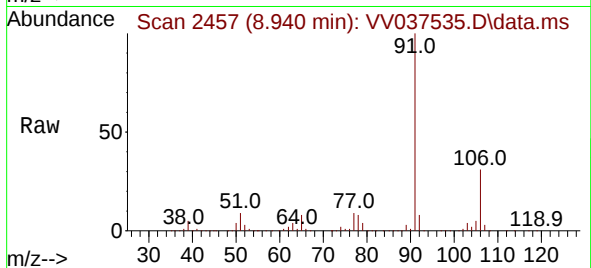
ClientSampleId :

Tgt Ion: 91 Resp: 1181109

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7



#53

m,p-Xylene

Concen: 51.641 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037535.D

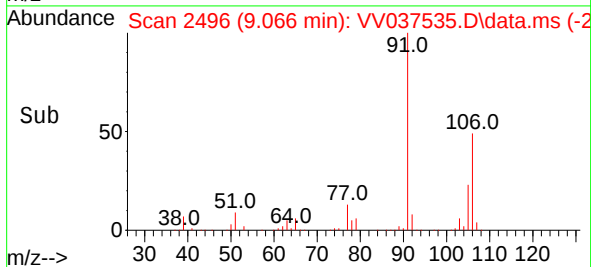
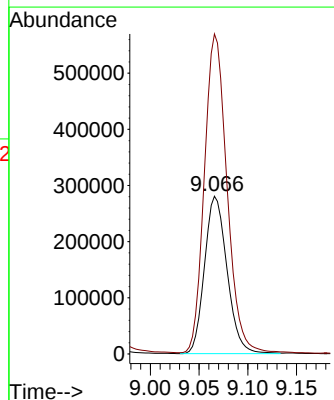
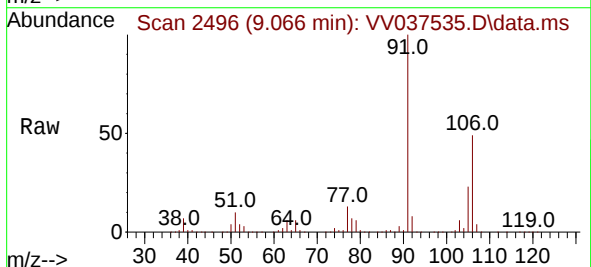
Acq: 26 Sep 2024 09:07

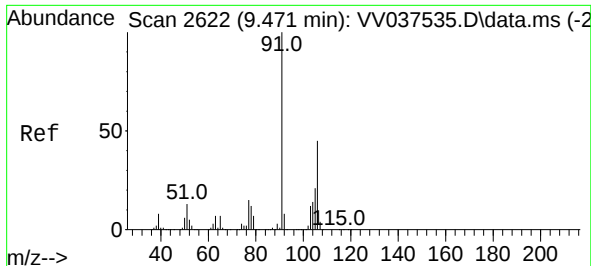
Tgt Ion:106 Resp: 451287

Ion Ratio Lower Upper

106 100

91 202.8 142.0 263.6

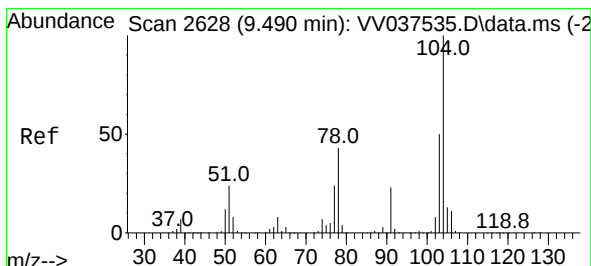
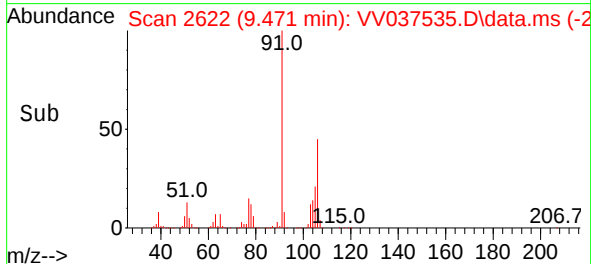
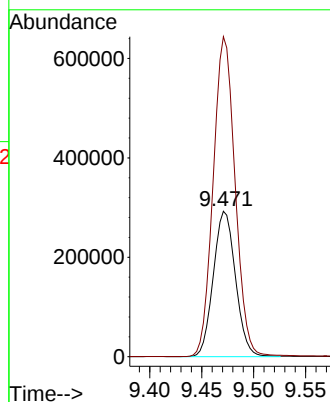
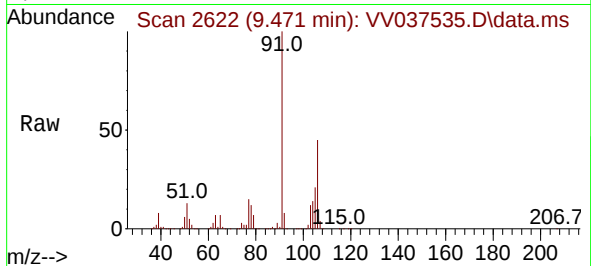




#54
o-Xylene
Concen: 50.952 ug/L
RT: 9.471 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

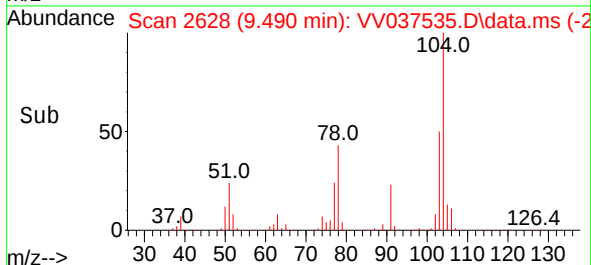
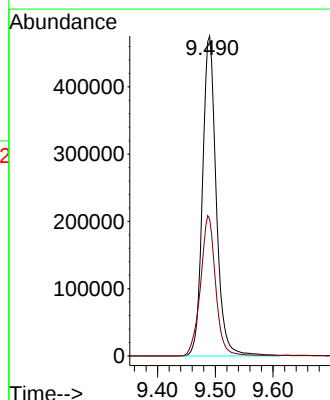
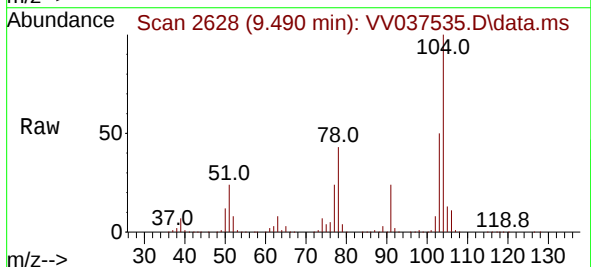
Instrument :
MSVOA_V
ClientSampleId :

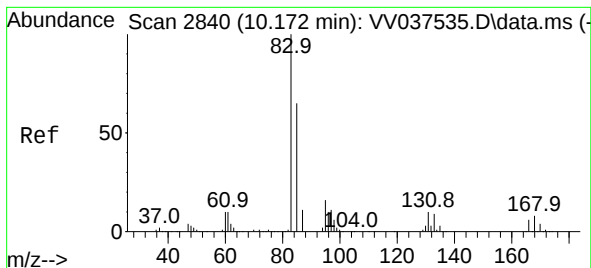
Tgt Ion:106 Resp: 434705
Ion Ratio Lower Upper
106 100
91 219.9 153.9 285.9



#55
Styrene
Concen: 52.886 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion:104 Resp: 785481
Ion Ratio Lower Upper
104 100
78 42.8 30.0 55.6

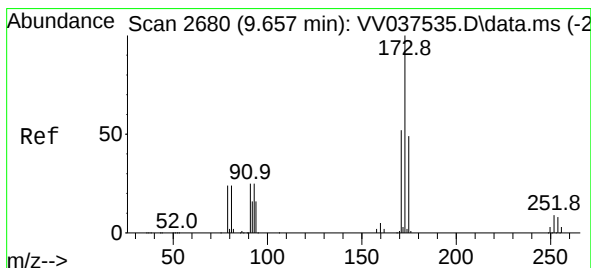
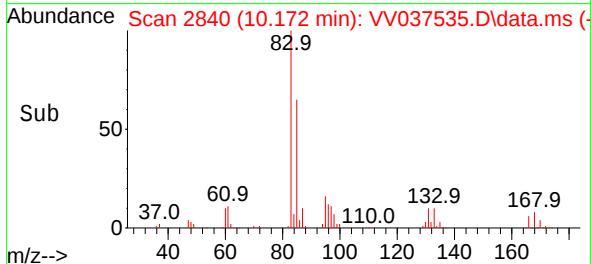
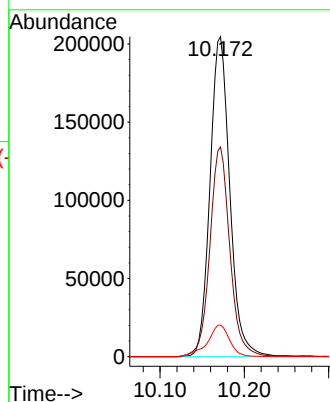
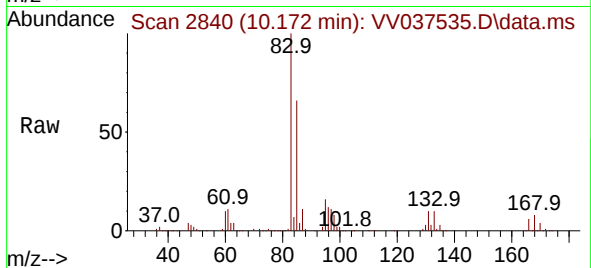




#57
1,1,2,2-Tetrachloroethane
Concen: 48.011 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

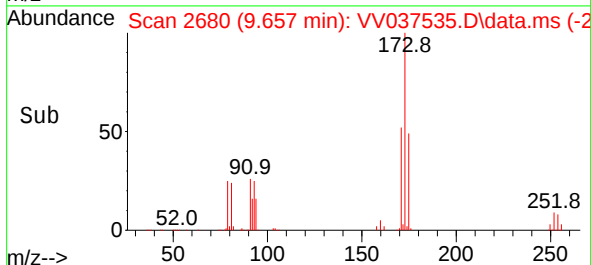
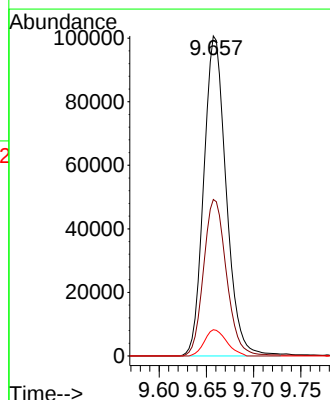
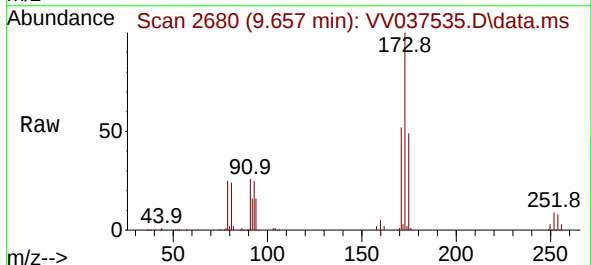
Instrument :
MSVOA_V
ClientSampleId :

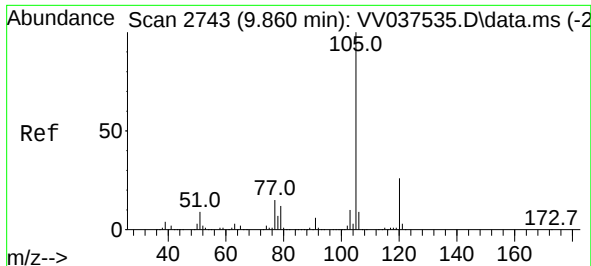
Tgt Ion: 83 Resp: 333967
Ion Ratio Lower Upper
83 100
85 65.6 45.9 85.3
131 9.9 7.9 11.9



#59
Bromoform
Concen: 46.995 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion: 173 Resp: 166028
Ion Ratio Lower Upper
173 100
175 50.0 40.0 60.0
254 8.1 6.5 9.7

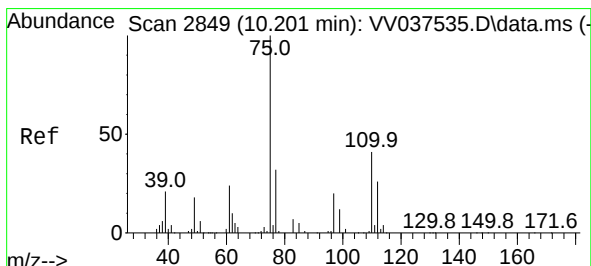
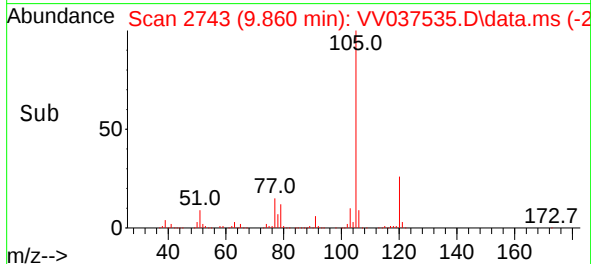
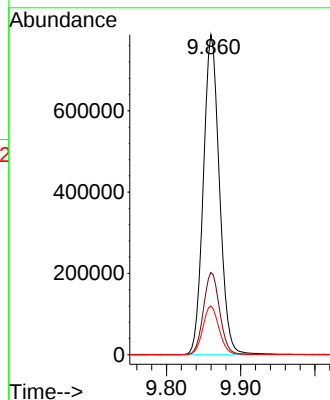
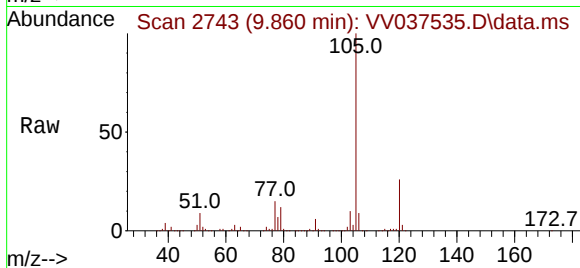




#60
Isopropylbenzene
Concen: 50.339 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

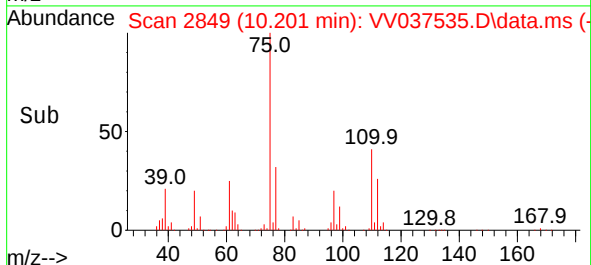
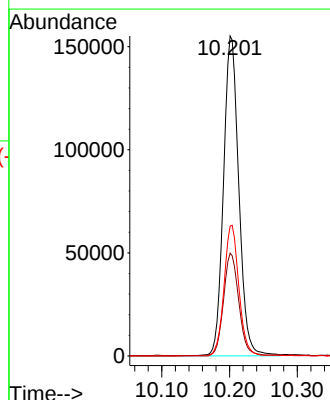
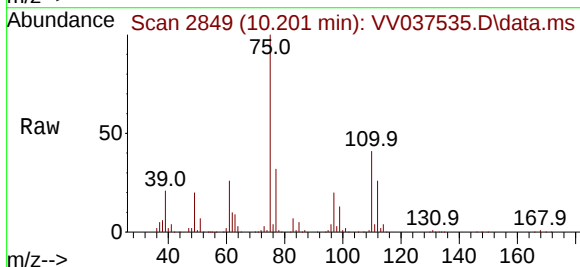
Instrument :
MSVOA_V
ClientSampleId :

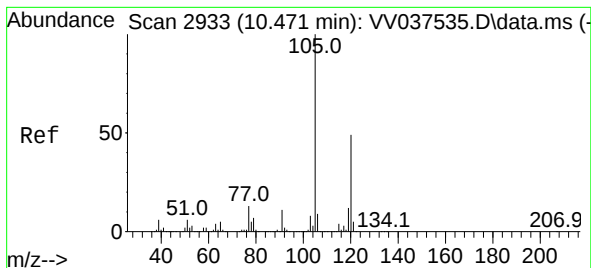
Tgt Ion:105 Resp: 1183005
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 47.349 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion: 75 Resp: 243543
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 39.6 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 51.046 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

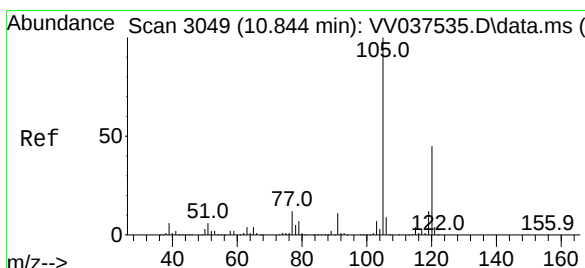
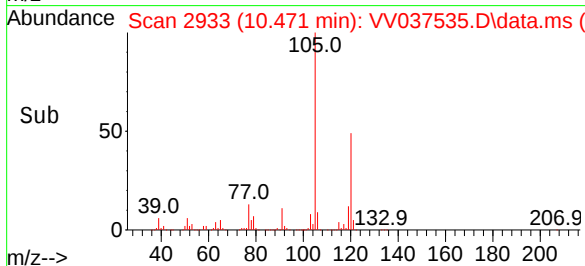
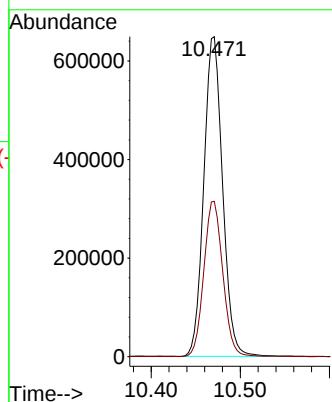
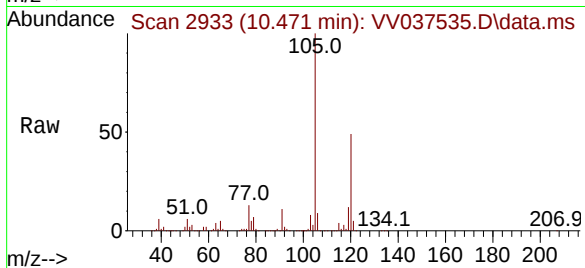
ClientSampleId :

Tgt Ion:105 Resp: 948413

Ion Ratio Lower Upper

105 100

120 49.1 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 51.597 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037535.D

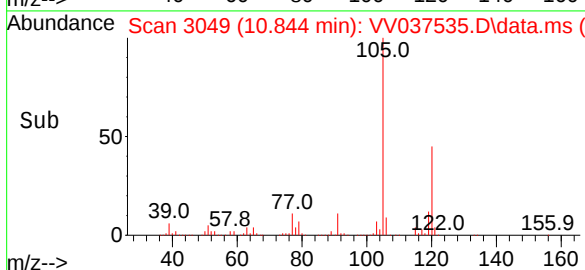
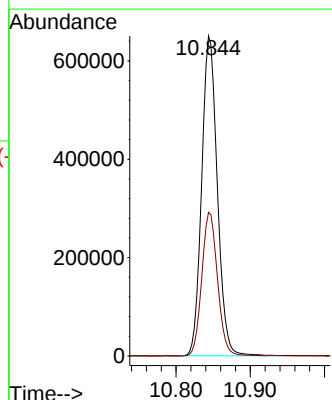
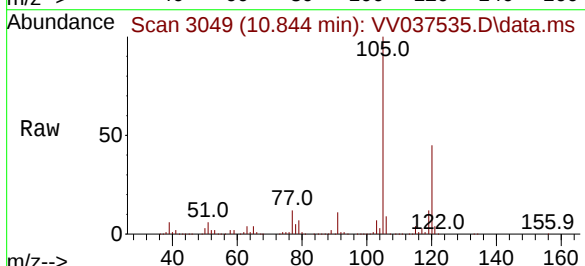
Acq: 26 Sep 2024 09:07

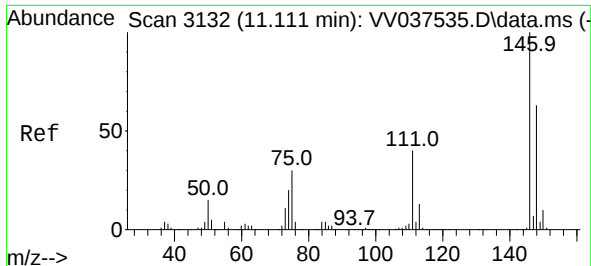
Tgt Ion:105 Resp: 953840

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2

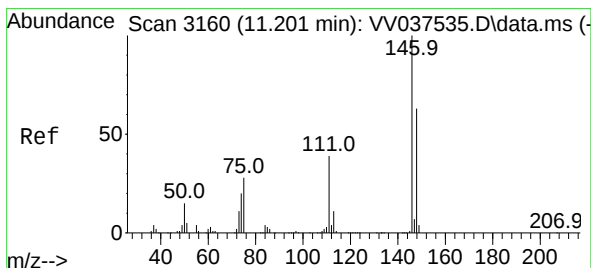
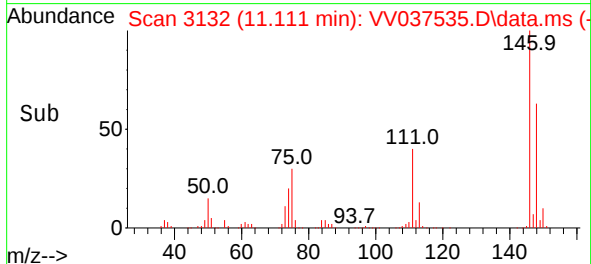
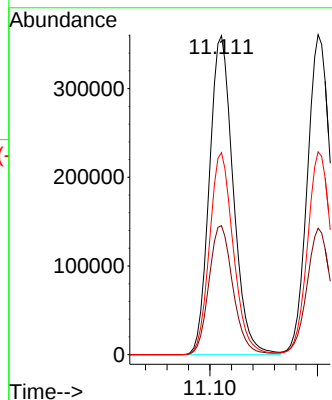
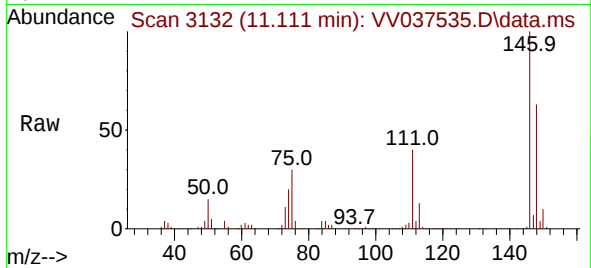




#64
1,3-Dichlorobenzene
Concen: 48.998 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

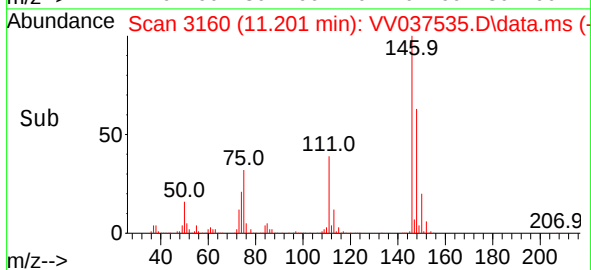
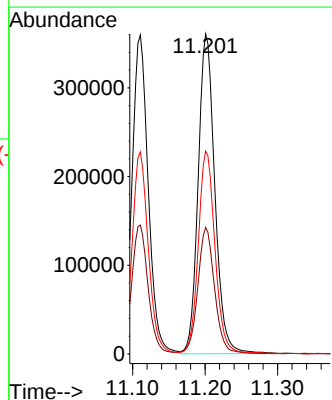
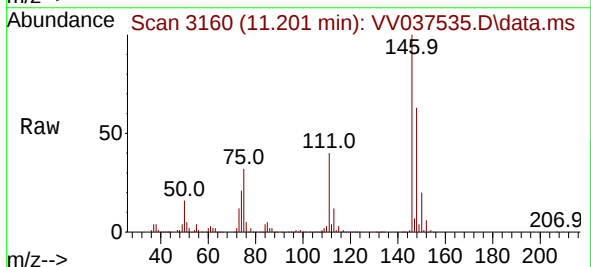
Instrument :
MSVOA_V
ClientSampleId :

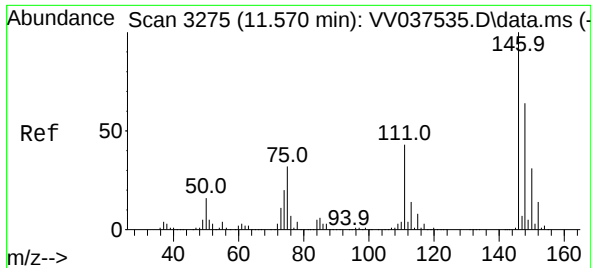
Tgt Ion:146 Resp: 554244
Ion Ratio Lower Upper
146 100
111 40.4 28.3 52.5
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 48.949 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037535.D
Acq: 26 Sep 2024 09:07

Tgt Ion:146 Resp: 576547
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.4
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 48.660 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

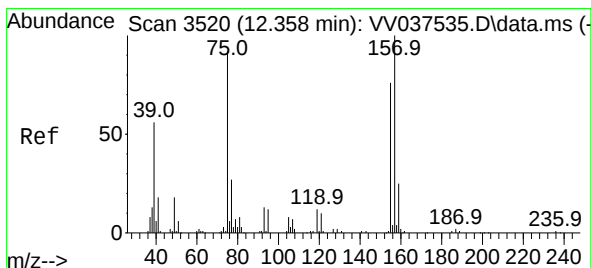
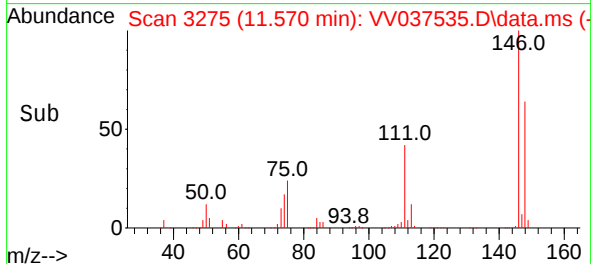
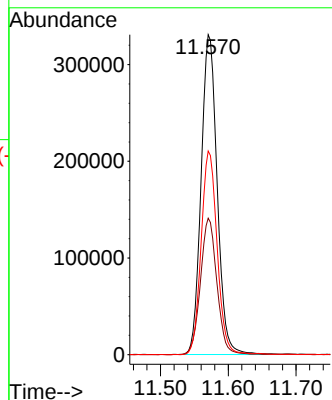
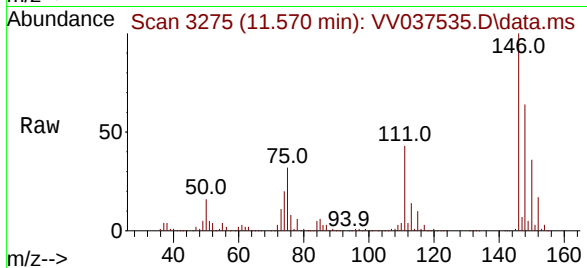
Tgt Ion:146 Resp: 544121

Ion Ratio Lower Upper

146 100

111 42.7 34.2 51.2

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 45.563 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

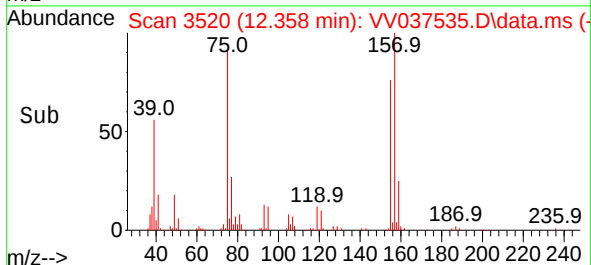
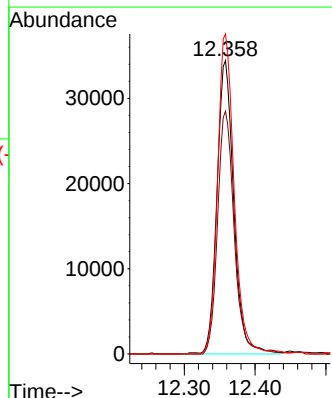
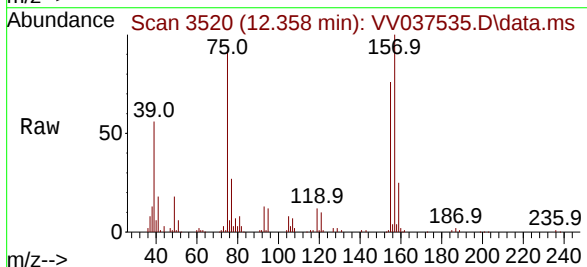
Tgt Ion: 75 Resp: 56889

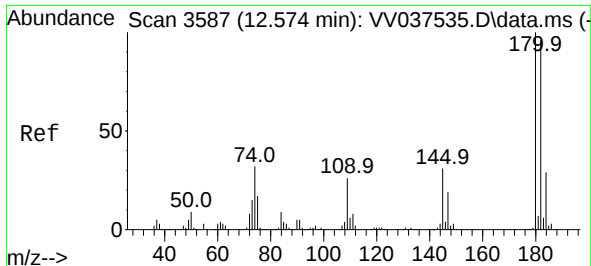
Ion Ratio Lower Upper

75 100

155 82.8 66.2 99.4

157 109.1 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 47.864 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

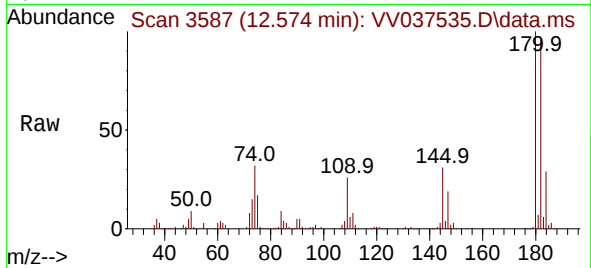
Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 372319

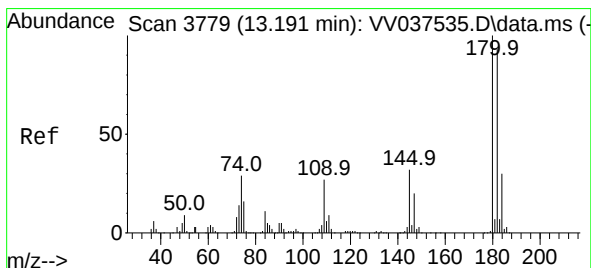
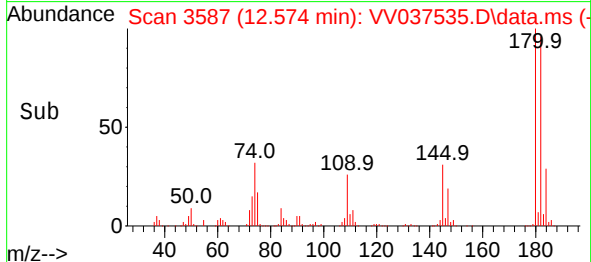
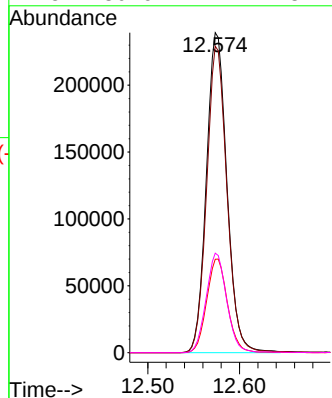
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

184 29.7 23.8 35.6

145 30.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 47.403 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

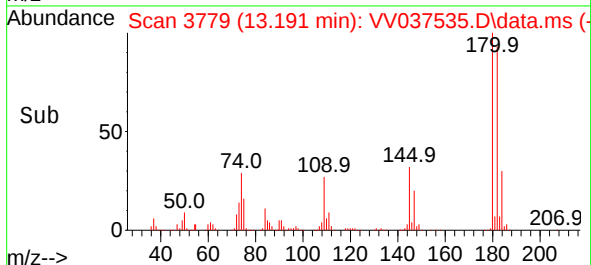
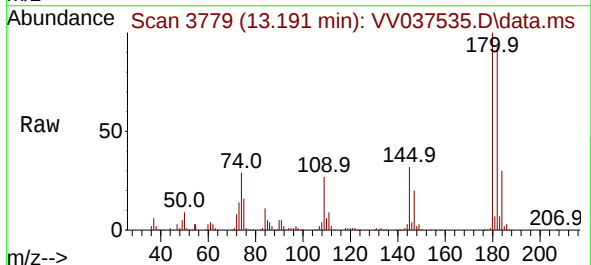
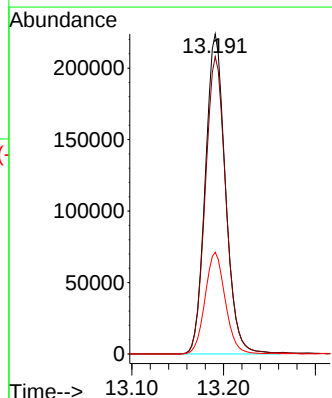
Tgt Ion:180 Resp: 342117

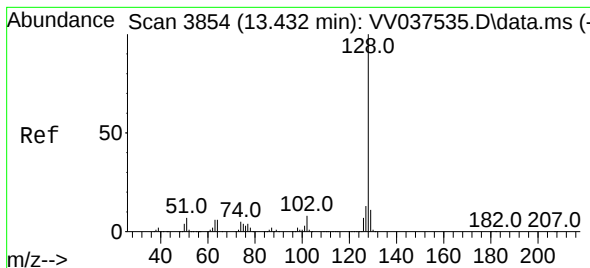
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 47.261 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

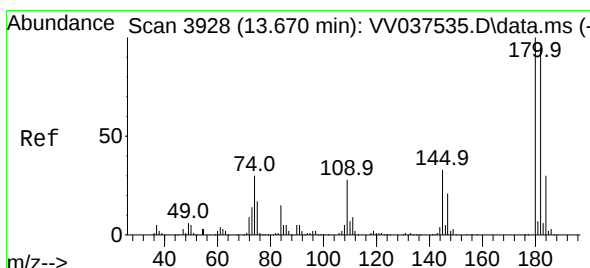
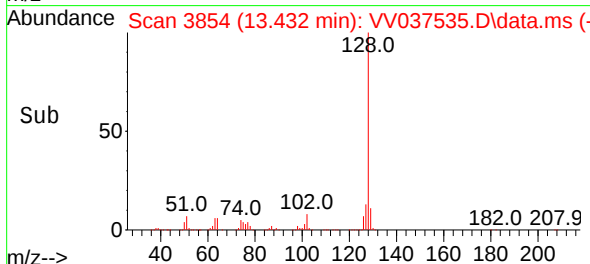
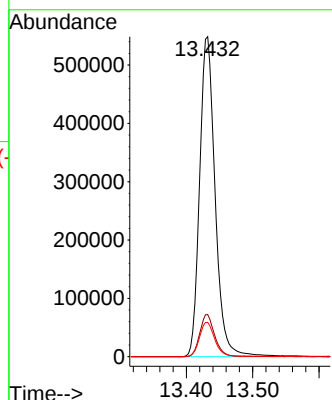
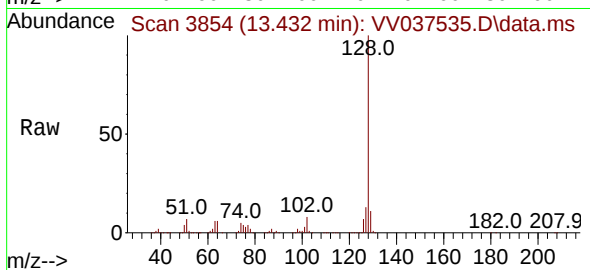
Tgt Ion:128 Resp: 891148

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 48.574 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. 0.000 min

Lab File: VV037535.D

Acq: 26 Sep 2024 09:07

Tgt Ion:180 Resp: 346190

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 32.8 26.2 39.4

