

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039174.D
 Acq On : 25 Sep 2025 12:33
 Operator : SY/MD
 Sample : Q3175-01DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:24:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	563178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	979530	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	954674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	558535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	427463	52.444	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 104.880%			
35) Dibromofluoromethane	4.503	113	384673	48.850	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.700%			
50) Toluene-d8	7.236	98	1117790	48.331	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.660%			
62) 4-Bromofluorobenzene	10.001	95	477673	50.170	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 100.340%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.626	64	748	Below Cal	#	44
10) Methyl Iodide	2.220	142	2397	0.285	ug/l #	67
11) Tert butyl alcohol	2.561	59	1740	1.010	ug/l #	73
13) Acrolein	1.992	56	5426	18.152	ug/l #	1
14) Allyl chloride	2.394	41	3606	0.238	ug/l #	31
15) Acrylonitrile	2.706	53	6778	1.227	ug/l #	26
16) Acetone	2.095	43	13560	Below Cal	#	57
17) Carbon Disulfide	2.259	76	5832	0.225	ug/l #	74
18) Methyl Acetate	2.484	43	304244	25.192	ug/l #	52
20) Methylene Chloride	2.462	84	6047	Below Cal	#	49
25) 2-Butanone	3.677	43	35981	5.513	ug/l #	51
31) Cyclohexane	4.584	56	163390	11.239	ug/l	93
36) 1,1-Dichloropropene	4.603	75	48188	4.047	ug/l #	59
38) Carbon Tetrachloride	4.600	117	62219	4.276	ug/l #	16
39) Methylcyclohexane	6.047	83	104560	7.272	ug/l	91
40) Benzene	5.015	78	516821	13.331	ug/l	98
41) Methacrylonitrile	4.179	41	315	1.957	ug/l #	25
42) 1,2-Dichloroethane	5.005	62	5033	0.371	ug/l	85
43) Isopropyl Acetate	5.140	43	22078	1.121	ug/l #	60
48) Methyl methacrylate	6.288	41	8855	0.992	ug/l #	55
49) 1,4-Dioxane	6.333	88	40	0.278	ug/l #	1
52) Toluene	7.317	92	64289	2.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	64	9.632	ug/l #	47
59) 2-Hexanone	8.121	43	507	2.374	ug/l	78
65) Chlorobenzene	8.815	112	5382	0.202	ug/l	90
67) Ethyl Benzene	8.934	91	9765537	242.606	ug/l	97
68) m/p-Xylenes	9.063	106	4597374	295.919	ug/l	97
69) o-Xylene	9.474	106	38063	2.767	ug/l	89
70) Styrene	9.474	104	3438	1.675	ug/l #	1
73) Isopropylbenzene	9.857	105	331271	8.177	ug/l	100
76) 1,2,3-Trichloropropane	10.278	75	7882	0.620	ug/l #	1
78) n-propylbenzene	10.278	91	1203830	24.402	ug/l	100
79) 2-Chlorotoluene	10.397	91	200205	6.782	ug/l #	42
80) 1,3,5-Trimethylbenzene	10.464	105	1628348	48.359	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.001	75	239261	45.167	ug/l #	13
82) 4-Chlorotoluene	10.464	91	174077	5.086	ug/l #	46

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

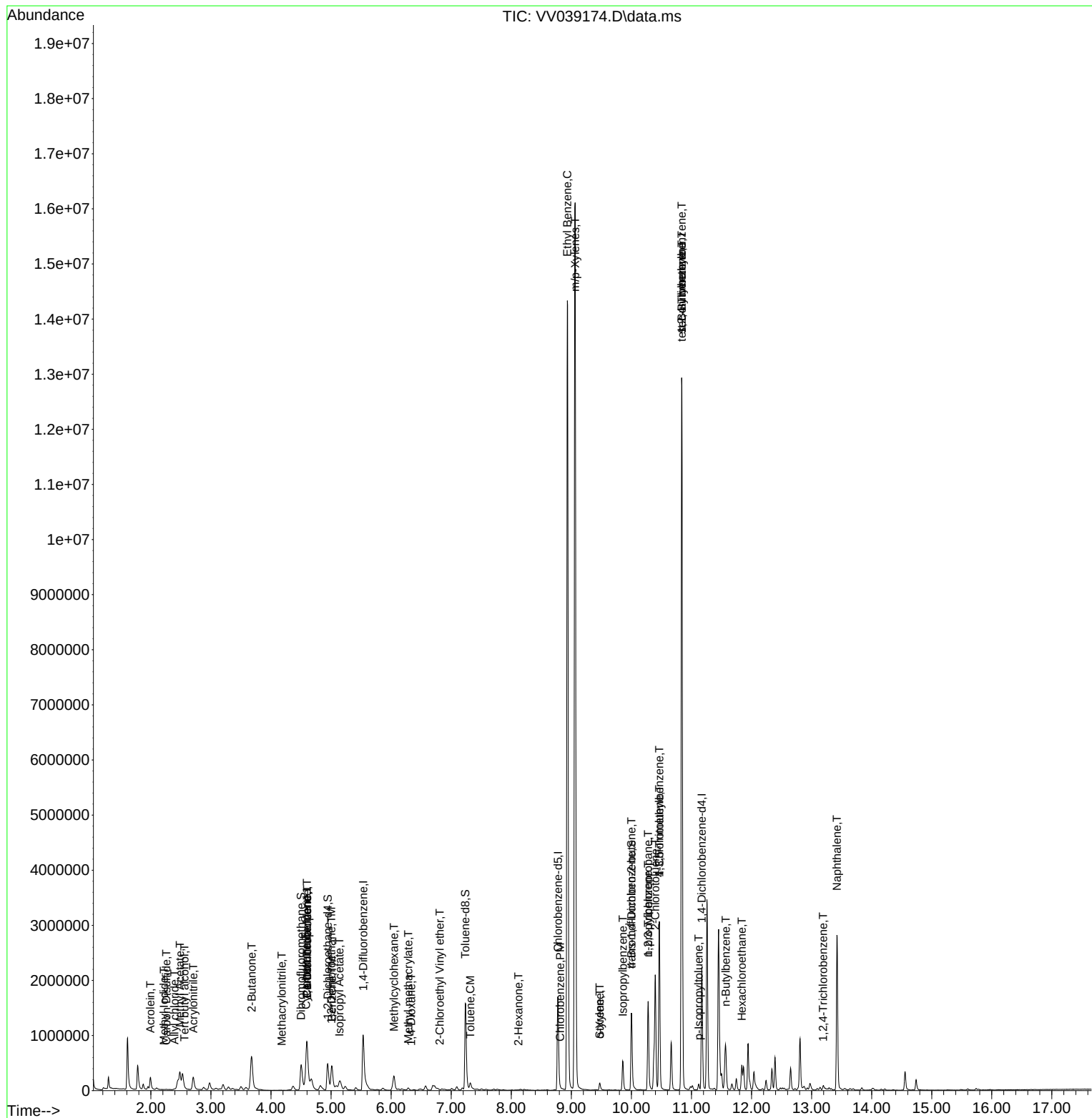
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	10.841	119	835281	24.877	ug/l #	58
84) 1,2,4-Trimethylbenzene	10.837	105	6743997	206.300	ug/l	98
85) sec-Butylbenzene	10.837	105	6743997	151.433	ug/l #	58
86) p-Isopropyltoluene	11.120	119	51298	1.384	ug/l	94
89) n-Butylbenzene	11.574	91	157033	4.436	ug/l #	26
90) Hexachloroethane	11.837	117	26189	2.869	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	12.336	75	1784	Below Cal	#	5
93) 1,2,4-Trichlorobenzene	13.191	180	2335	0.205	ug/l #	70
95) Naphthalene	13.423	128	2104561	57.156	ug/l	100

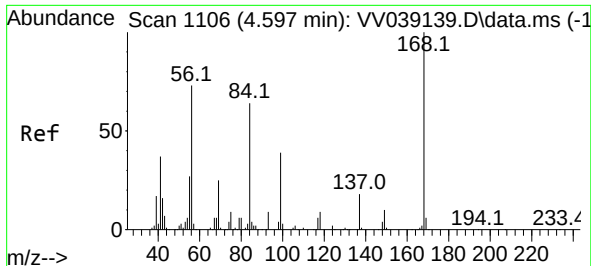
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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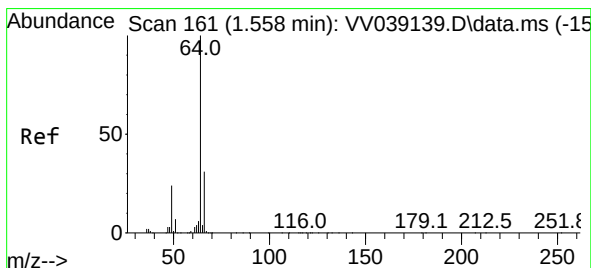
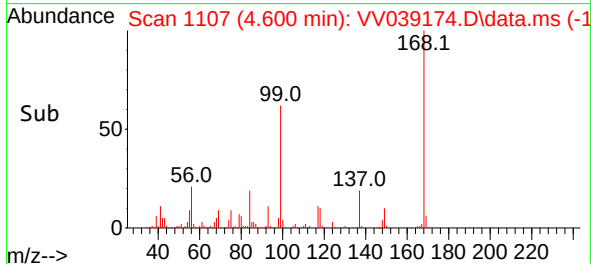
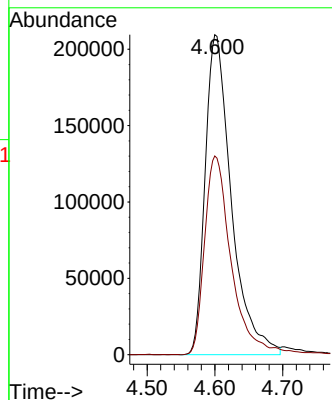
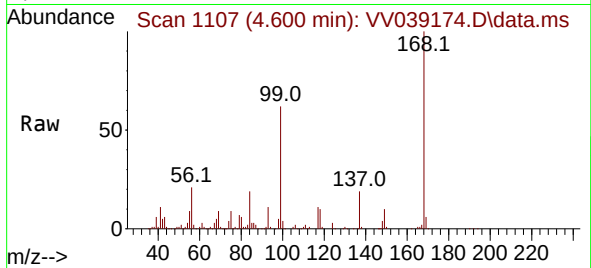




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

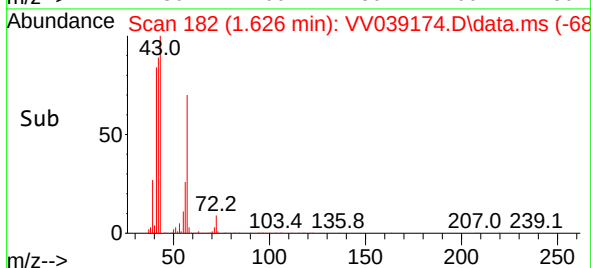
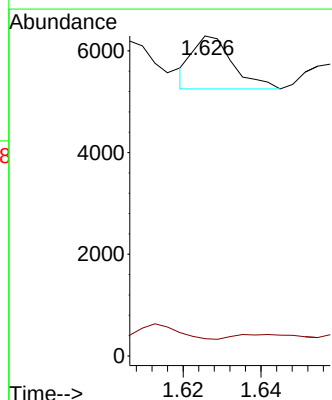
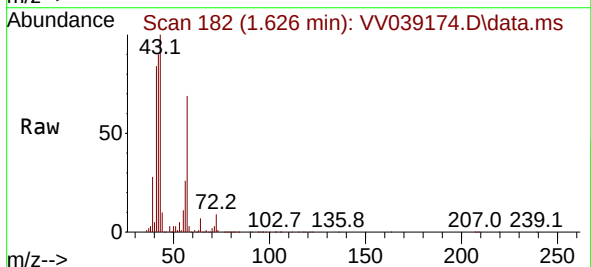
Instrument :
MSVOA_V
ClientSampleId :

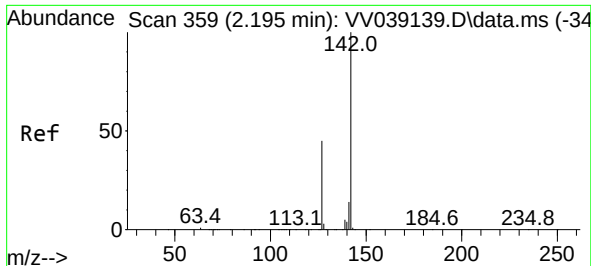
Tgt Ion:168 Resp: 563178
Ion Ratio Lower Upper
168 100
99 62.1 49.6 74.4



#6
Chloroethane
Concen: Below Cal
RT: 1.626 min Scan# 182
Delta R.T. 0.068 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

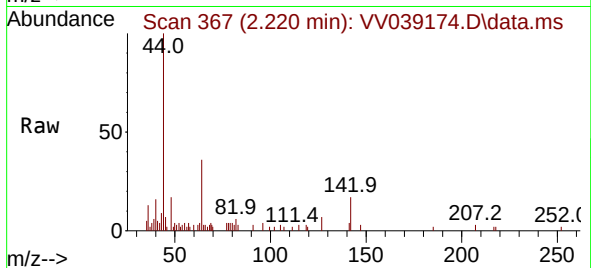
Tgt Ion: 64 Resp: 748
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



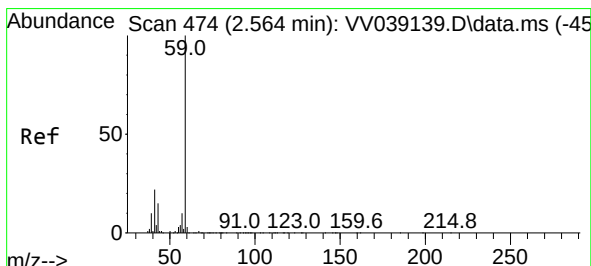
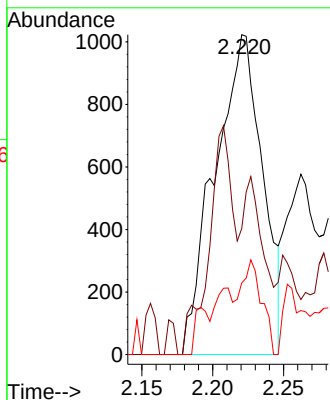
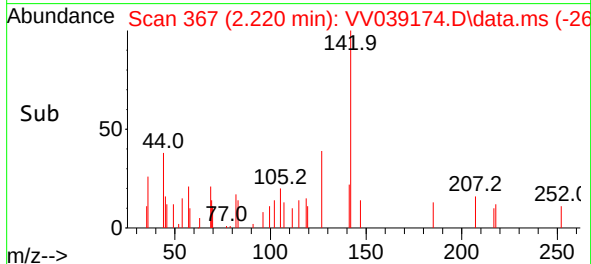


#10
Methyl Iodide
Concen: 0.285 ug/l
RT: 2.220 min Scan# 30
Delta R.T. 0.026 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Instrument :
MSVOA_V
ClientSampleId :

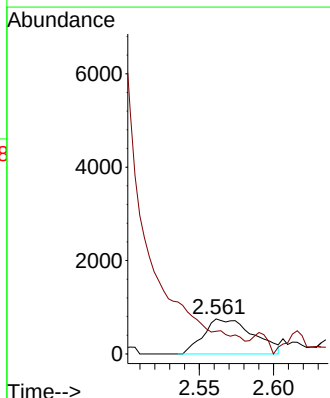
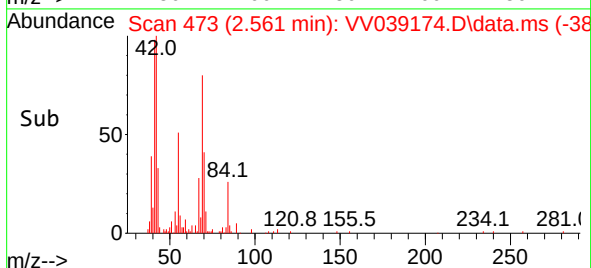
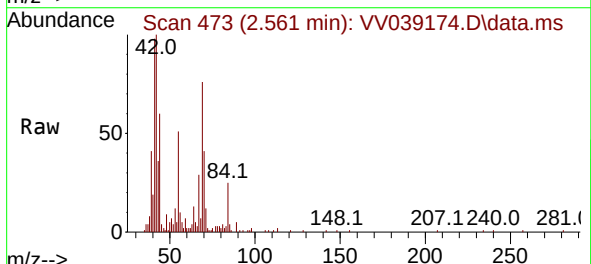


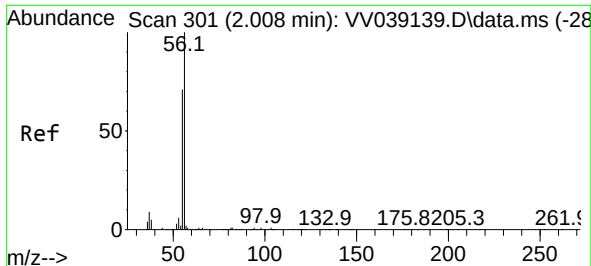
Tgt Ion:142 Resp: 2397
Ion Ratio Lower Upper
142 100
127 18.1 36.3 54.5#
141 12.0 11.2 16.8



#11
Tert butyl alcohol
Concen: 1.010 ug/l
RT: 2.561 min Scan# 473
Delta R.T. -0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

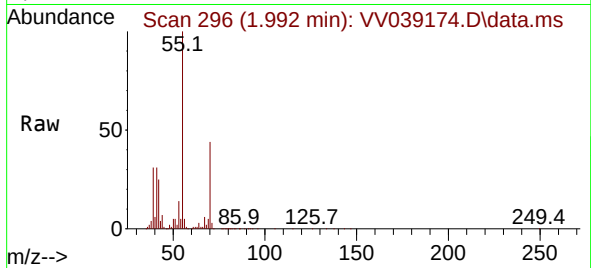
Tgt Ion: 59 Resp: 1740
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



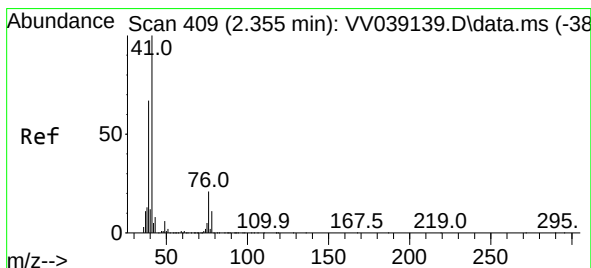
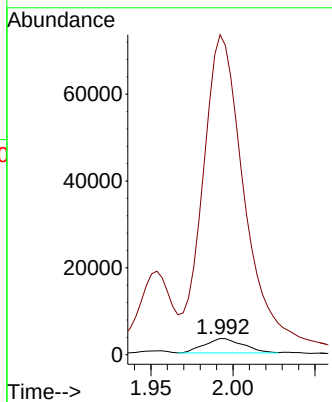
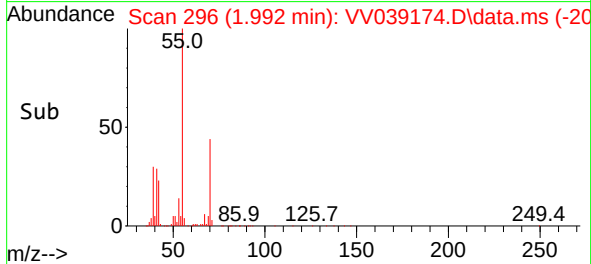


#13
Acrolein
Concen: 18.152 ug/l
RT: 1.992 min Scan# 24
Delta R.T. -0.016 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

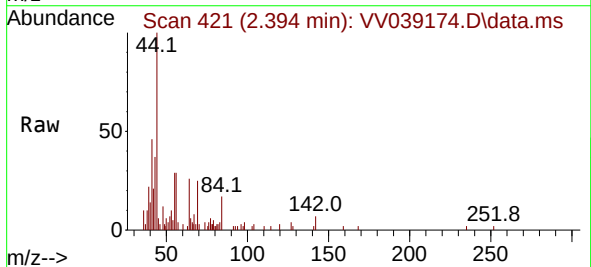
Instrument :
MSVOA_V
ClientSampleId :



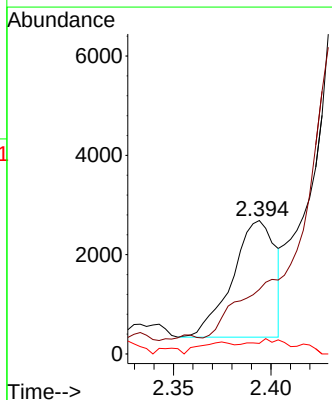
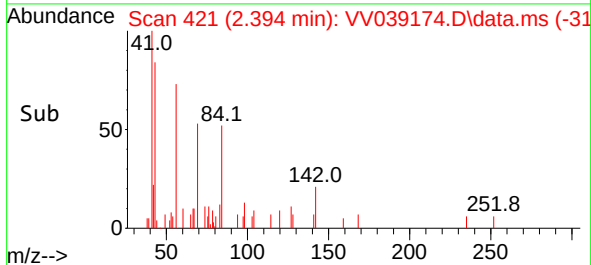
Tgt Ion: 56 Resp: 5426
Ion Ratio Lower Upper
56 100
55 2359.4 56.2 84.4#

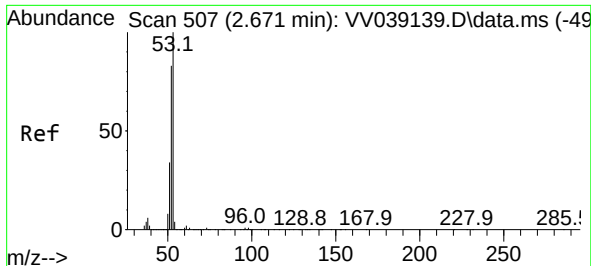


#14
Allyl chloride
Concen: 0.238 ug/l
RT: 2.394 min Scan# 421
Delta R.T. 0.039 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33



Tgt Ion: 41 Resp: 3606
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
76 8.1 28.2 42.4#

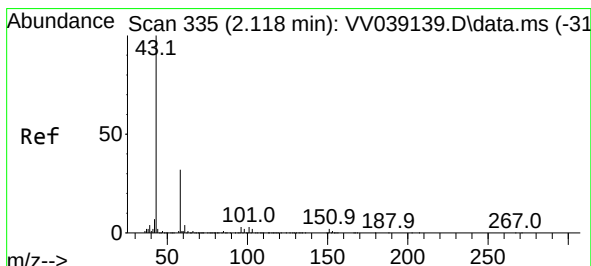
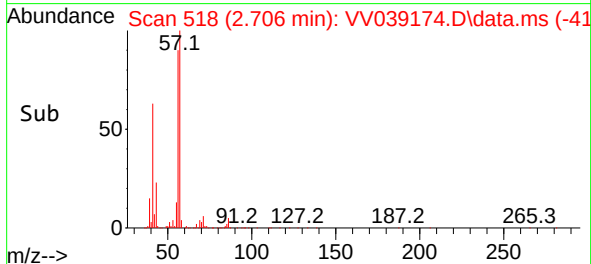
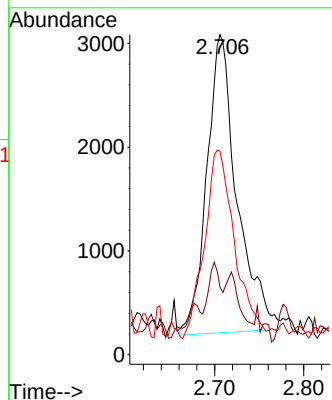
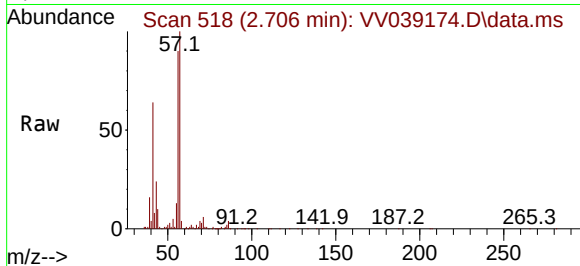




#15
Acrylonitrile
Concen: 1.227 ug/l
RT: 2.706 min Scan# 51
Delta R.T. 0.035 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

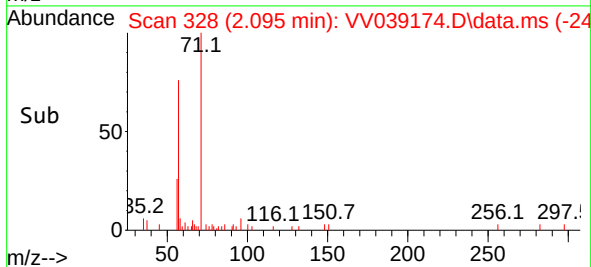
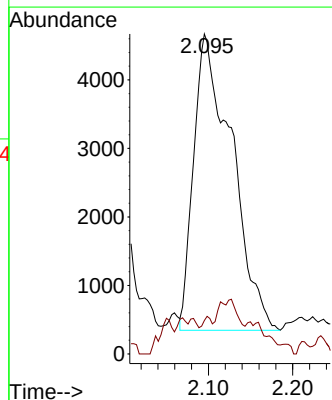
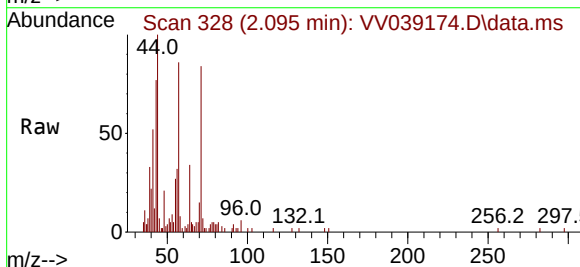
Instrument :
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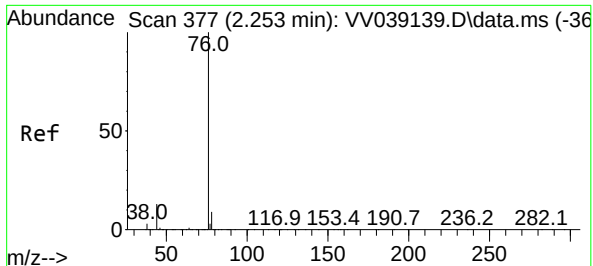
Tgt Ion	53	52	51
Resp:	6778		
Ratio	100	6.0	63.6
Lower		66.1	28.5
Upper		99.1#	42.7#



#16
Acetone
Concen: Below Cal
RT: 2.095 min Scan# 328
Delta R.T. -0.023 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion	43	58
Resp:	13560	
Ratio	100	8.2
Lower		25.8
Upper		38.6#

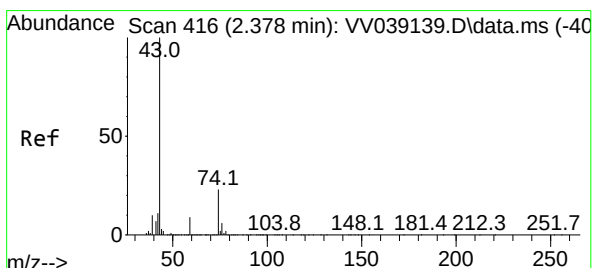
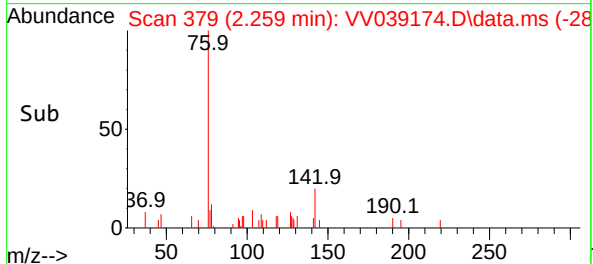
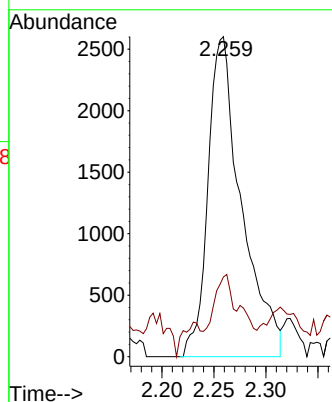
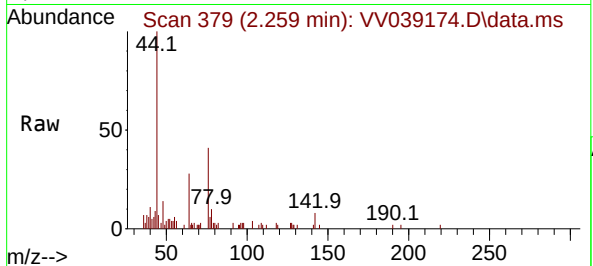




#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.259 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

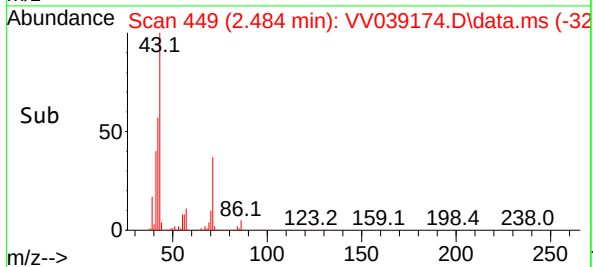
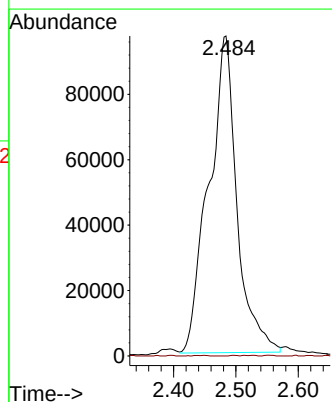
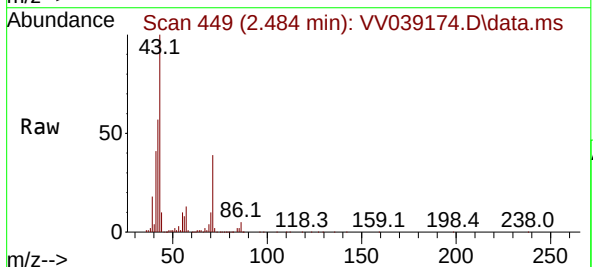
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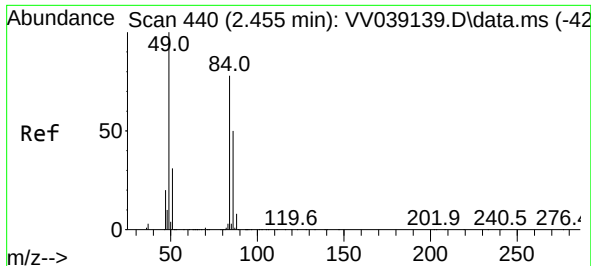
Tgt Ion: 76 Resp: 5832
Ion Ratio Lower Upper
76 100
78 18.8 7.4 11.0#



#18
Methyl Acetate
Concen: 25.192 ug/l
RT: 2.484 min Scan# 449
Delta R.T. 0.106 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

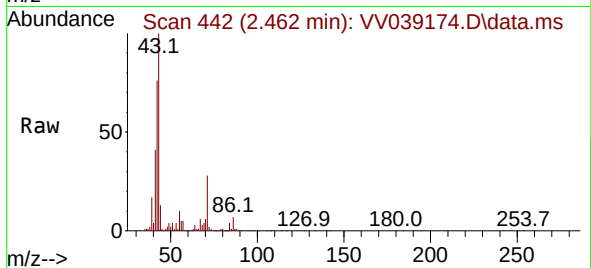
Tgt Ion: 43 Resp: 304244
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



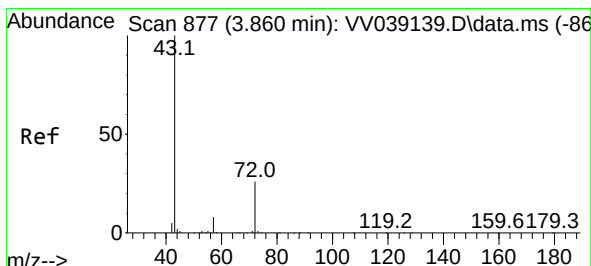
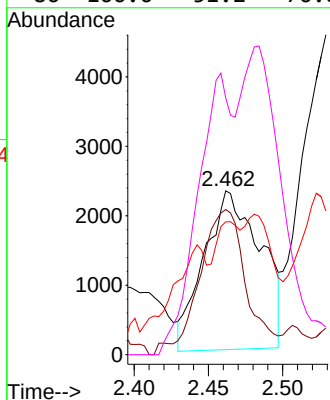
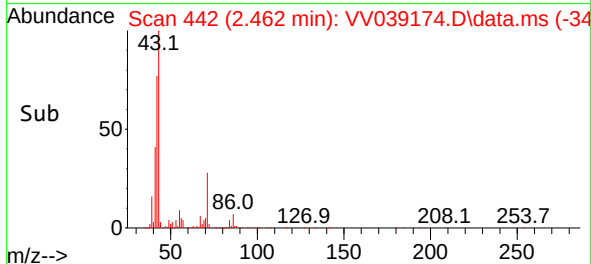


#20
Methylene Chloride
Concen: Below Cal
RT: 2.462 min Scan# 440
Delta R.T. 0.007 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Instrument :
MSVOA_V
ClientSampleId :

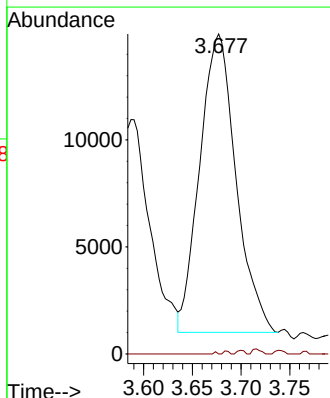
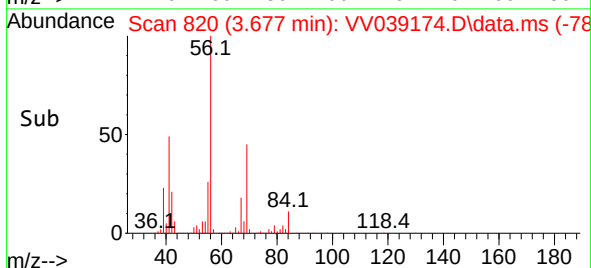
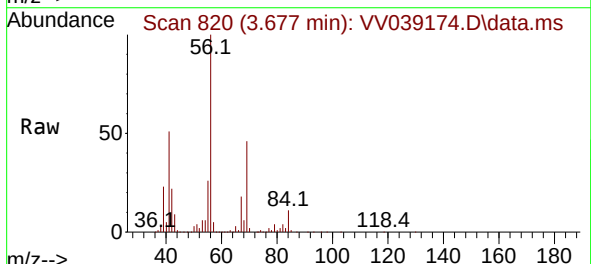


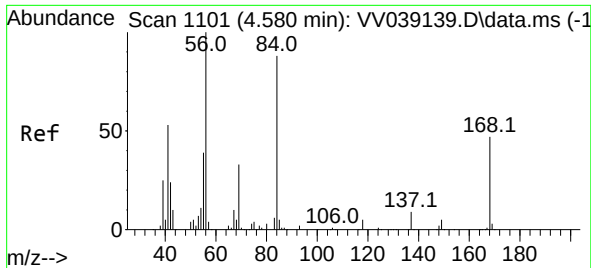
Tgt Ion: 84 Resp: 6047
Ion Ratio Lower Upper
84 100
49 100.5 102.8 154.2#
51 45.3 31.9 47.9
86 166.6 51.2 76.8#



#25
2-Butanone
Concen: 5.513 ug/l
RT: 3.677 min Scan# 820
Delta R.T. -0.183 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

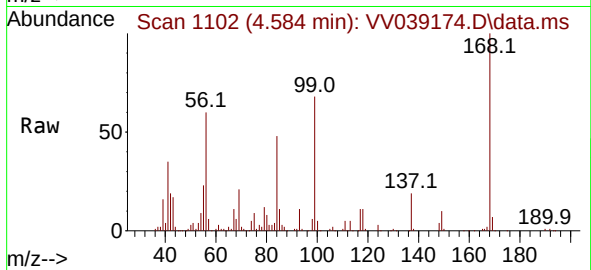
Tgt Ion: 43 Resp: 35981
Ion Ratio Lower Upper
43 100
72 1.0 21.0 31.6#



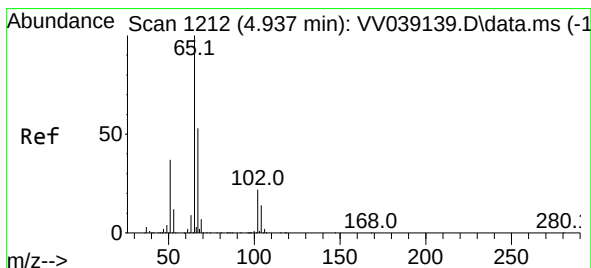
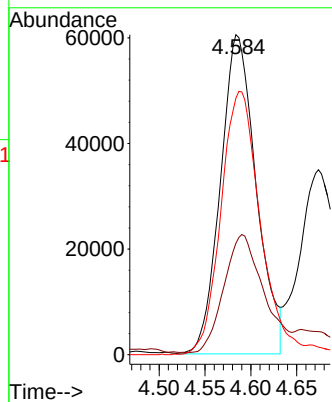
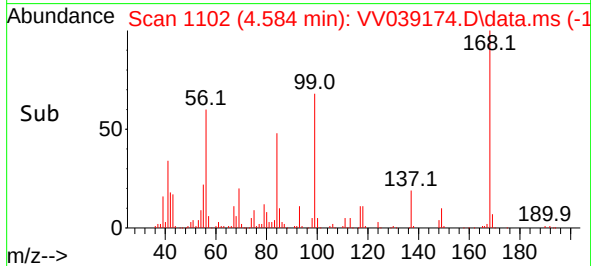


#31
Cyclohexane
Concen: 11.239 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Instrument :
MSVOA_V
ClientSampleId :

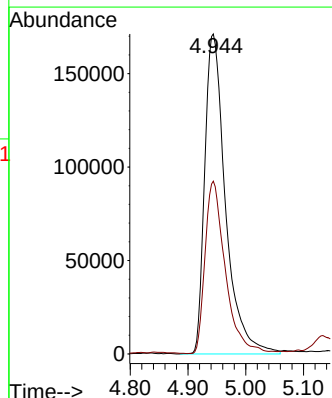
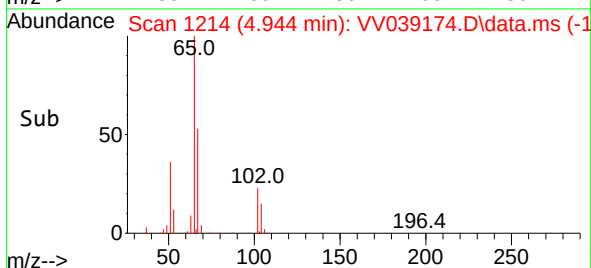
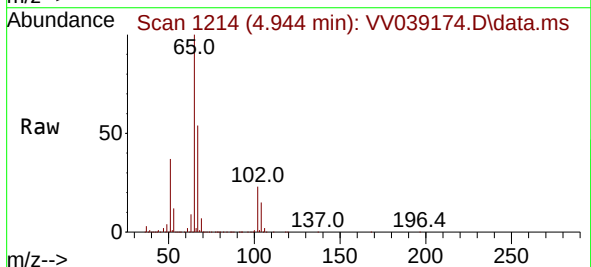


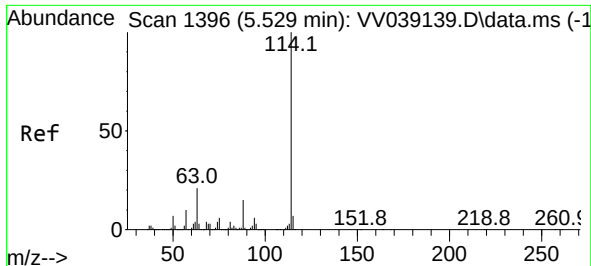
Tgt Ion: 56 Resp: 163390
Ion Ratio Lower Upper
56 100
69 34.2 26.2 39.2
84 80.2 70.3 105.5



#33
1,2-Dichloroethane-d4
Concen: 52.444 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 65 Resp: 427463
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

ClientSampleId :

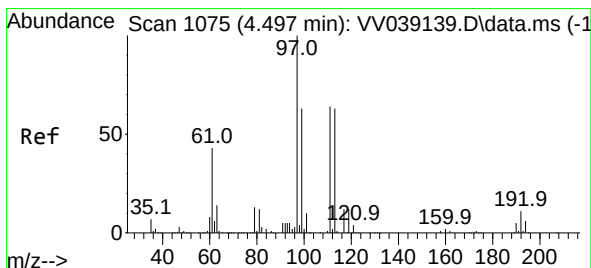
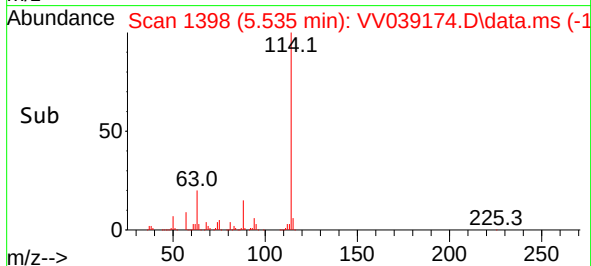
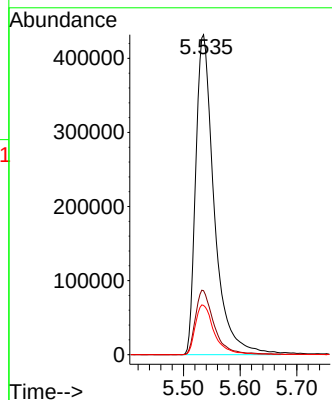
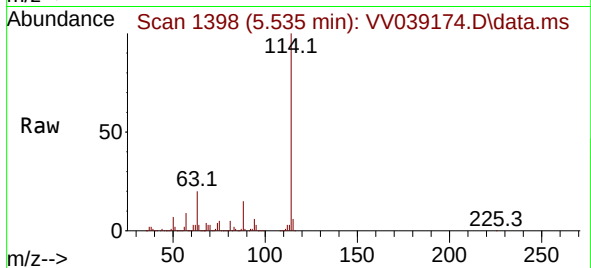
Tgt Ion:114 Resp: 979530

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 48.850 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

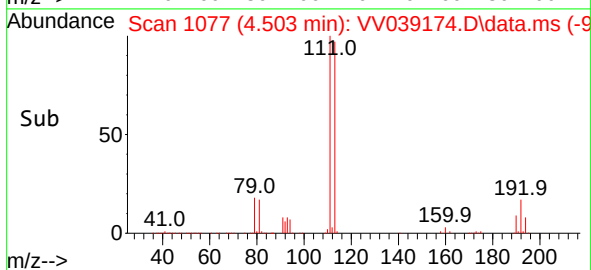
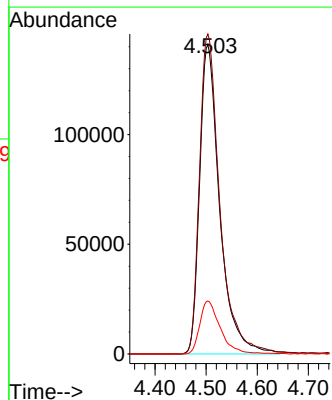
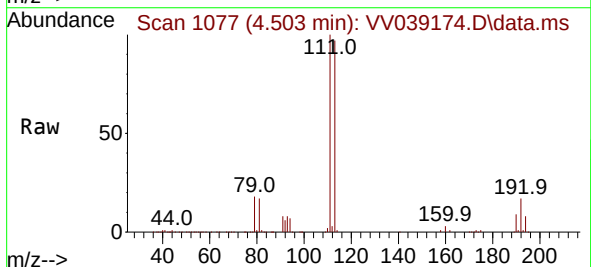
Tgt Ion:113 Resp: 384673

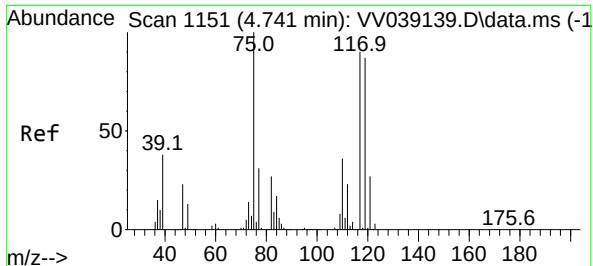
Ion Ratio Lower Upper

113 100

111 105.2 82.4 123.6

192 17.3 13.8 20.8

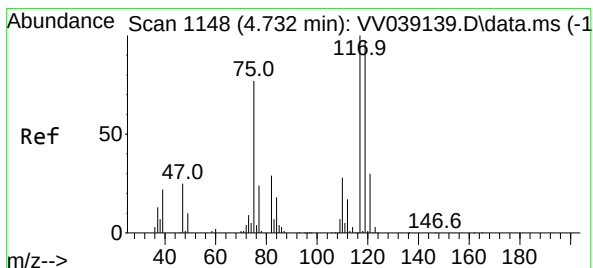
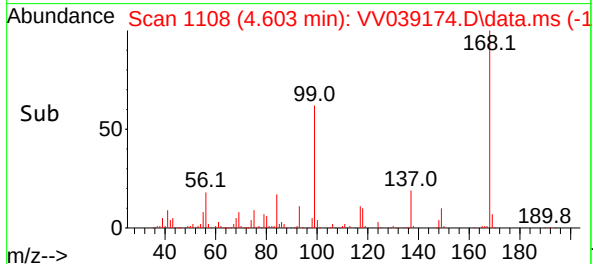
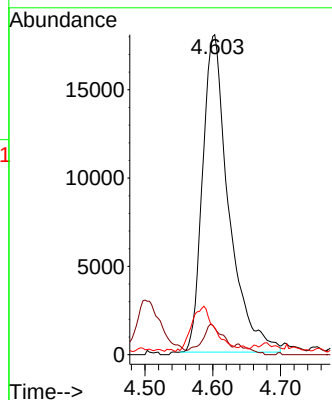
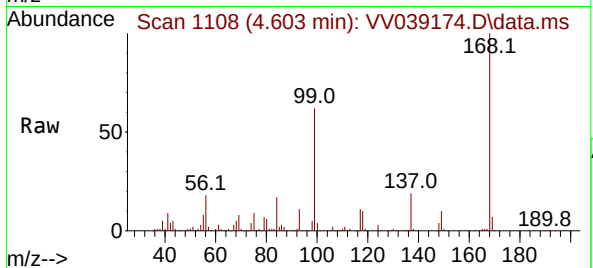




#36
 1,1-Dichloropropene
 Concen: 4.047 ug/l
 RT: 4.603 min Scan# 1108
 Delta R.T. -0.138 min
 Lab File: VV039174.D
 Acq: 25 Sep 2025 12:33

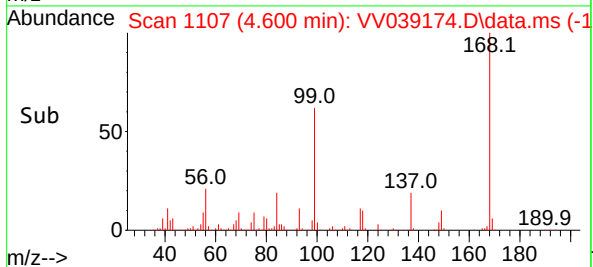
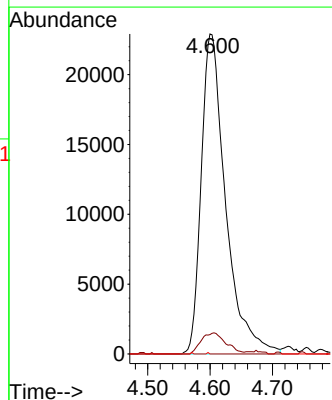
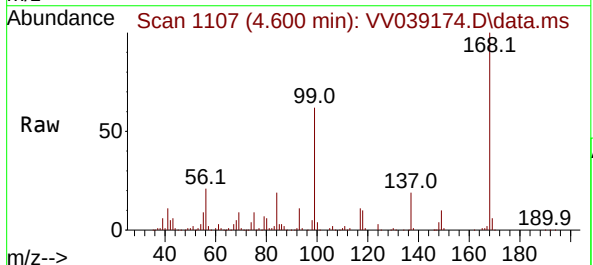
Instrument :
 MSVOA_V
 ClientSampleId :

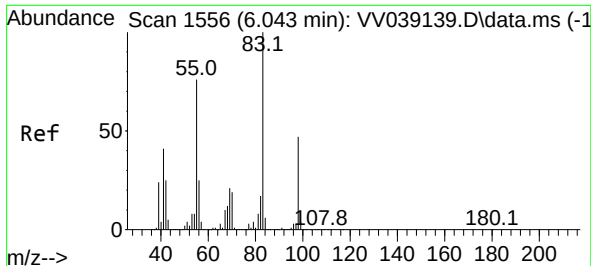
Tgt Ion: 75 Resp: 48188
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.1 54.1#
 77 12.8 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.276 ug/l
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.132 min
 Lab File: VV039174.D
 Acq: 25 Sep 2025 12:33

Tgt Ion: 117 Resp: 62219
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.2 115.8#
 121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 7.272 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

ClientSampleId :

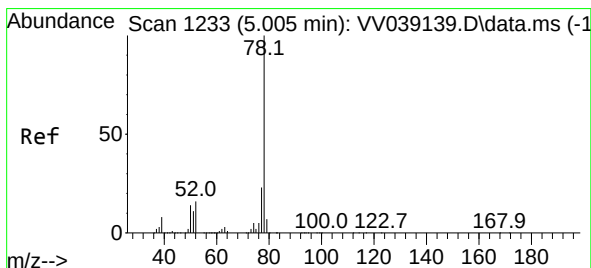
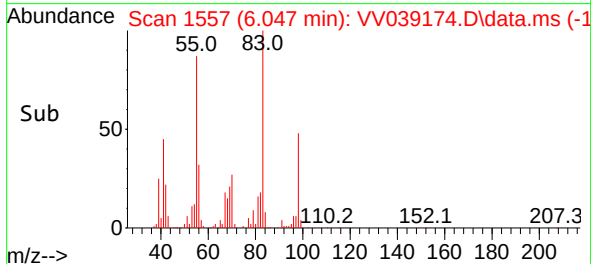
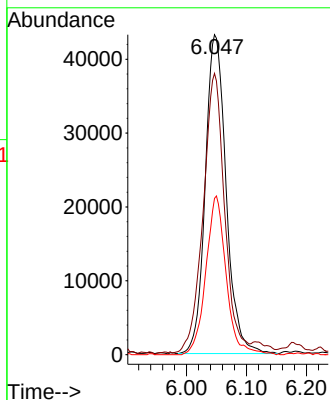
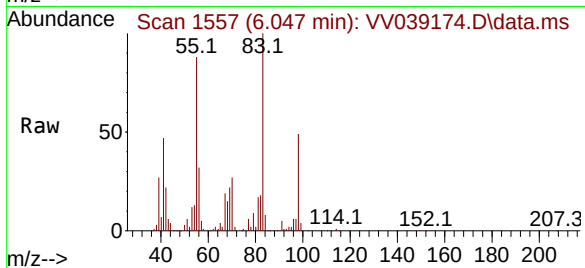
Tgt Ion: 83 Resp: 104560

Ion Ratio Lower Upper

83 100

55 87.3 60.5 90.7

98 48.8 37.8 56.6



#40

Benzene

Concen: 13.331 ug/l

RT: 5.015 min Scan# 1236

Delta R.T. 0.010 min

Lab File: VV039174.D

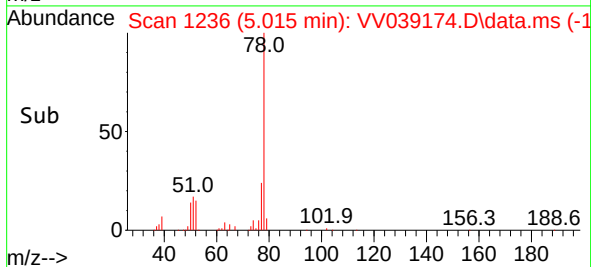
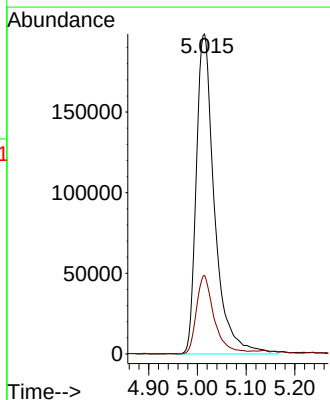
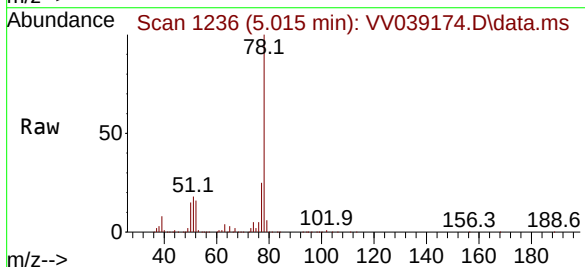
Acq: 25 Sep 2025 12:33

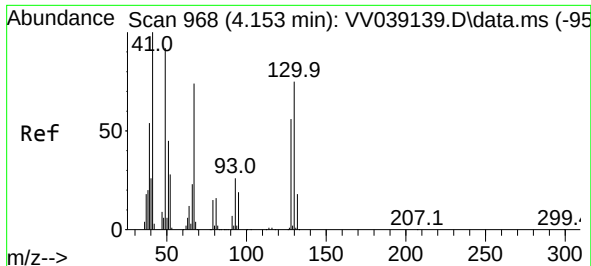
Tgt Ion: 78 Resp: 516821

Ion Ratio Lower Upper

78 100

77 24.5 18.7 28.1

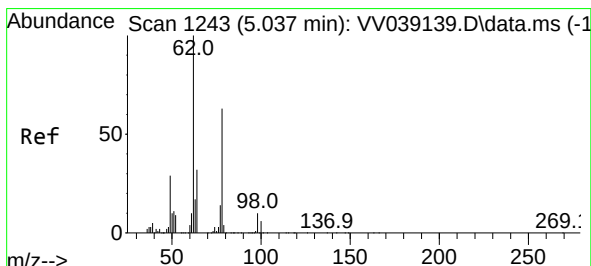
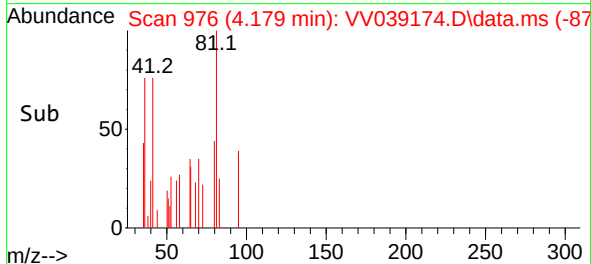
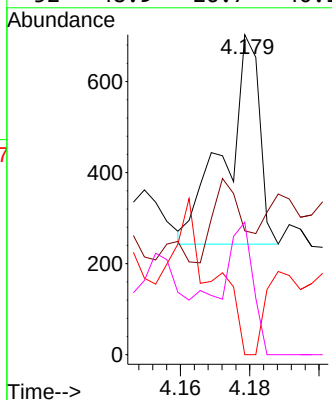
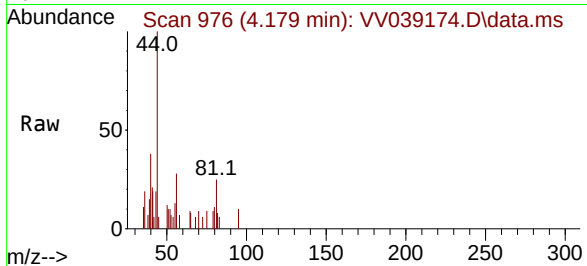




#41
Methacrylonitrile
Concen: 1.957 ug/l
RT: 4.179 min Scan# 91
Delta R.T. 0.026 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

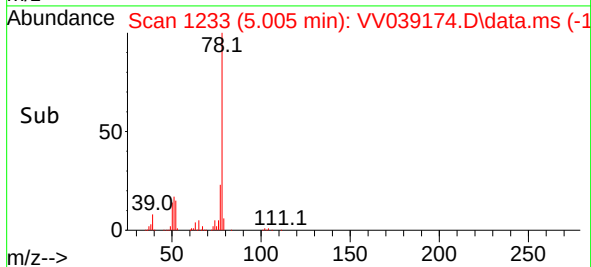
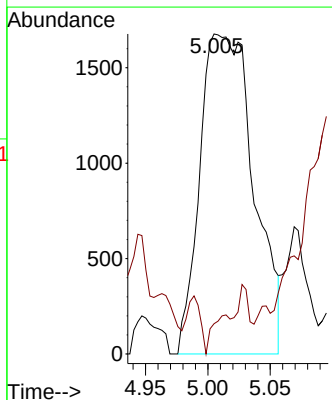
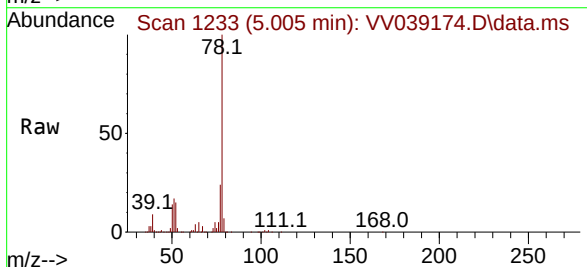
Instrument :
MSVOA_V
ClientSampleId :

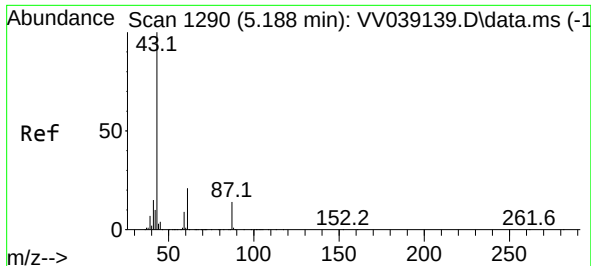
Tgt Ion: 41 Resp: 315
Ion Ratio Lower Upper
41 100
39 0.0 42.2 63.2#
67 0.0 67.9 101.9#
52 48.9 26.7 40.1#



#42
1,2-Dichloroethane
Concen: 0.371 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.032 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 62 Resp: 5033
Ion Ratio Lower Upper
62 100
98 4.0 0.0 19.2

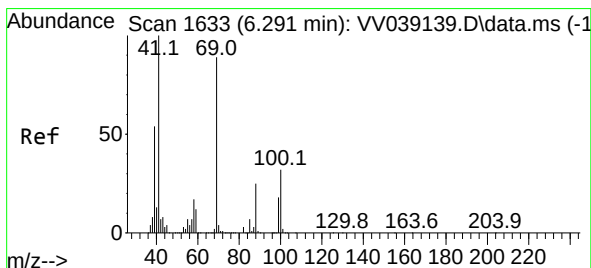
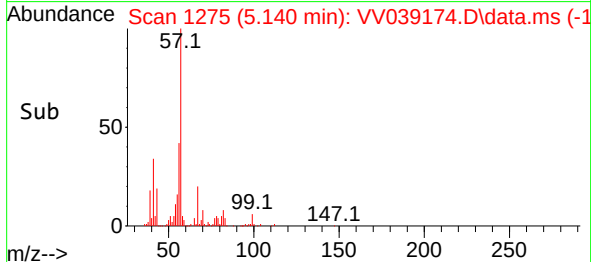
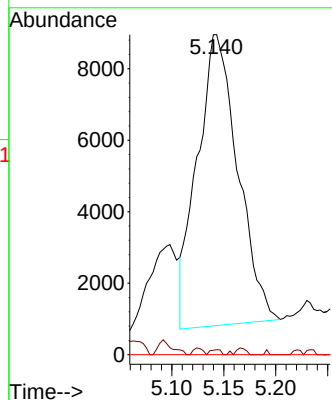
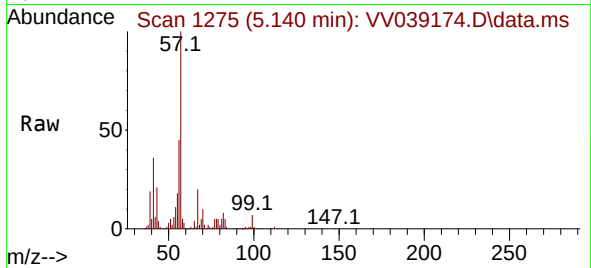




#43
Isopropyl Acetate
Concen: 1.121 ug/l
RT: 5.140 min Scan# 1275
Delta R.T. -0.048 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

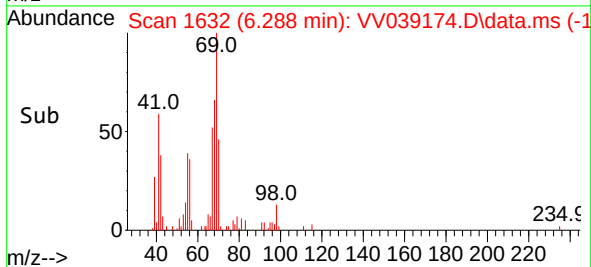
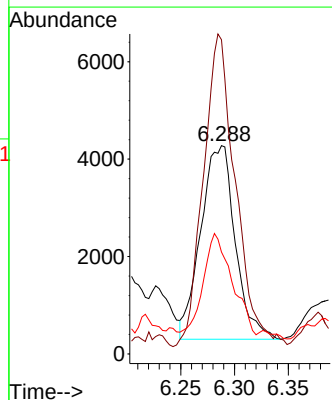
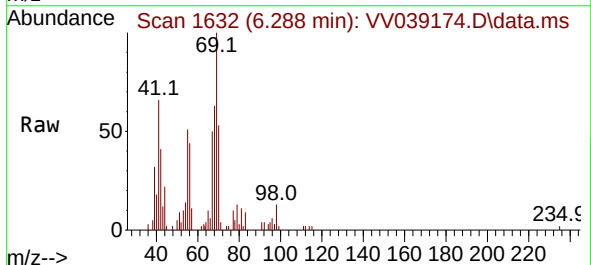
Instrument :
MSVOA_V
ClientSampleId :

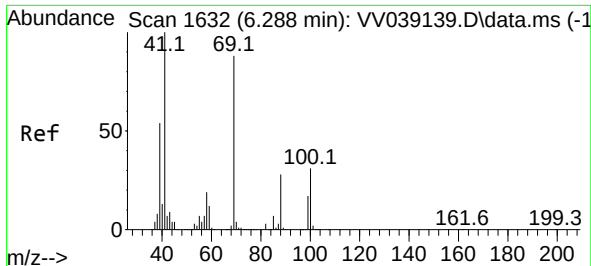
Tgt Ion: 43 Resp: 22078
Ion Ratio Lower Upper
43 100
61 0.0 15.9 23.9#
87 0.0 11.0 16.6#



#48
Methyl methacrylate
Concen: 0.992 ug/l
RT: 6.288 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 41 Resp: 8855
Ion Ratio Lower Upper
41 100
69 151.0 72.4 108.6#
39 43.3 42.5 63.7





#49

1,4-Dioxane

Concen: 0.278 ug/l

RT: 6.333 min Scan# 1

Delta R.T. 0.045 min

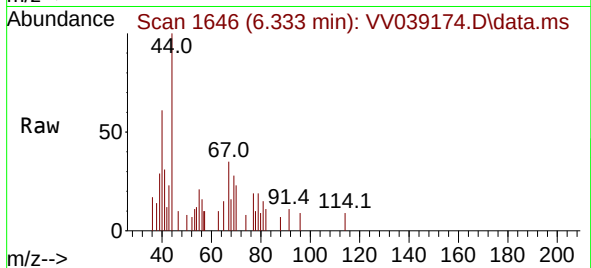
Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

ClientSampleId :



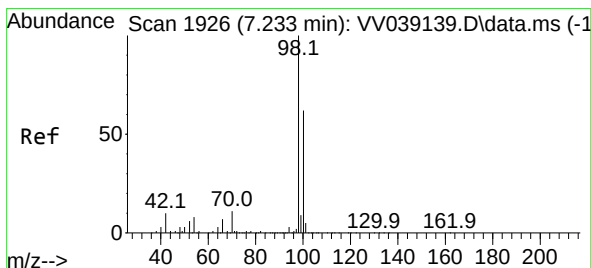
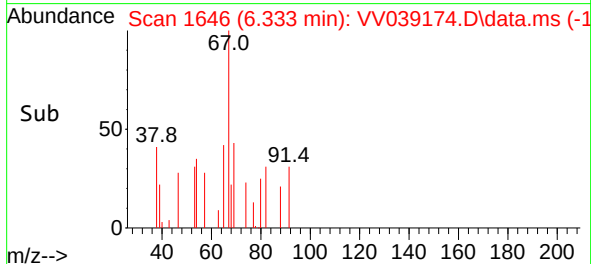
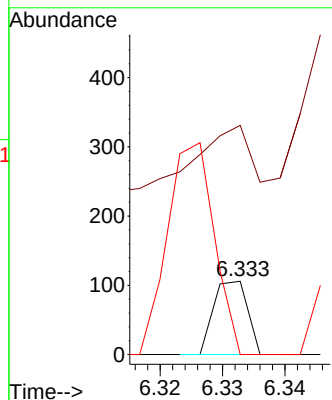
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

58 397.5 53.6 80.4#



#50

Toluene-d8

Concen: 48.331 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039174.D

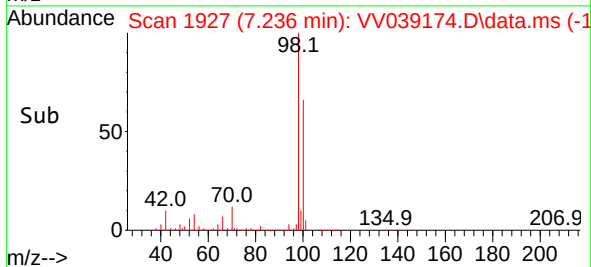
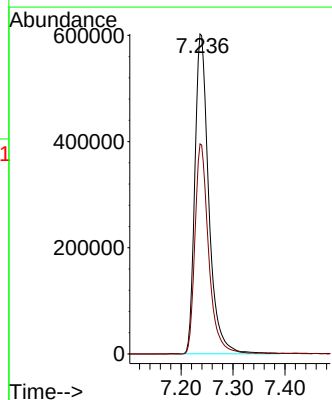
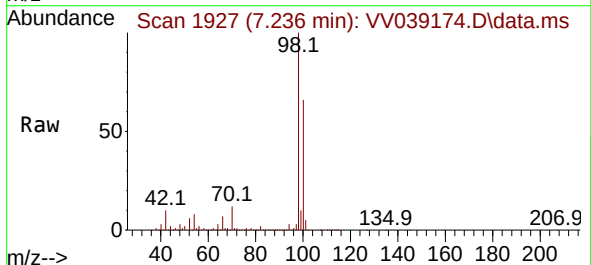
Acq: 25 Sep 2025 12:33

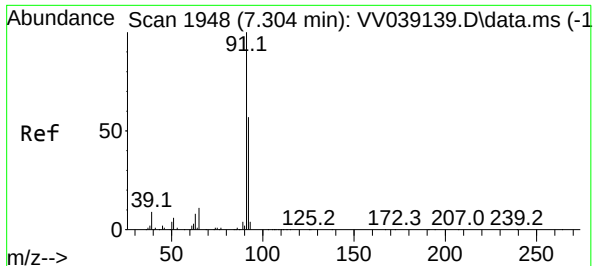
Tgt Ion: 98 Resp: 1117790

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

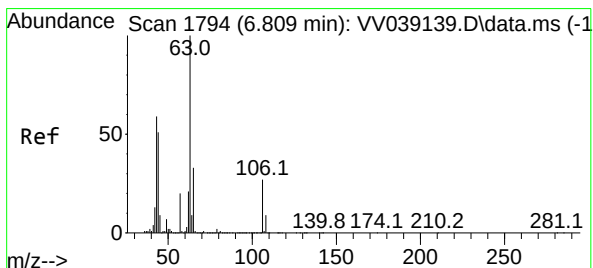
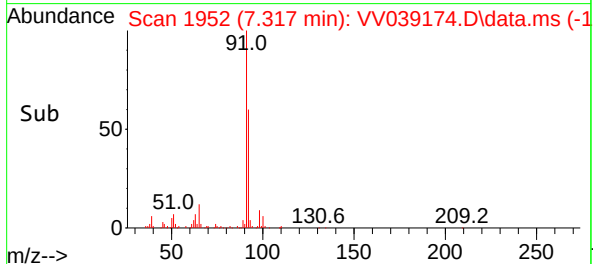
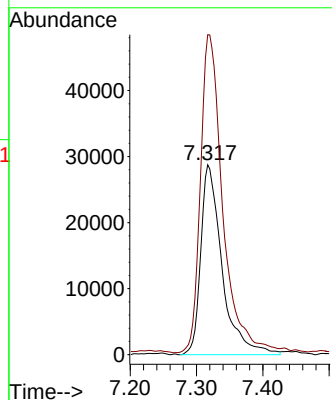
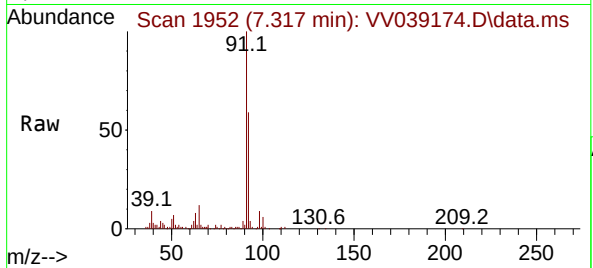




#52
Toluene
Concen: 2.860 ug/l
RT: 7.317 min Scan# 1948
Delta R.T. 0.013 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

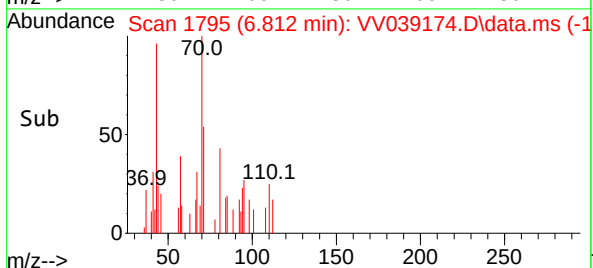
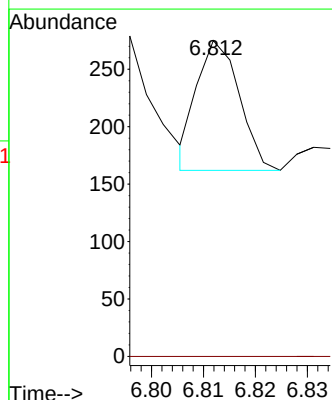
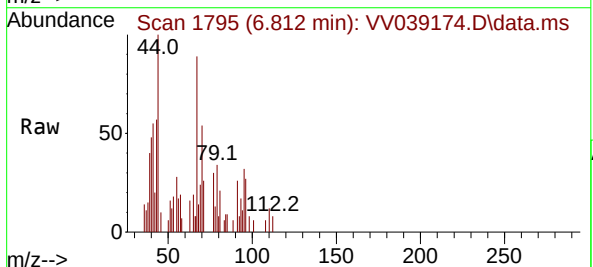
Instrument :
MSVOA_V
ClientSampleId :

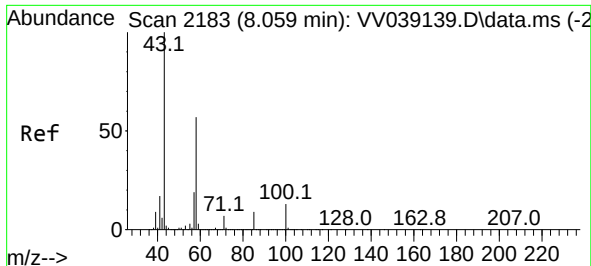
Tgt Ion: 92 Resp: 64289
Ion Ratio Lower Upper
92 100
91 174.3 139.2 208.8



#58
2-Chloroethyl Vinyl ether
Concen: 9.632 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#





#59

2-Hexanone

Concen: 2.374 ug/l

RT: 8.121 min Scan# 2183

Delta R.T. 0.062 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

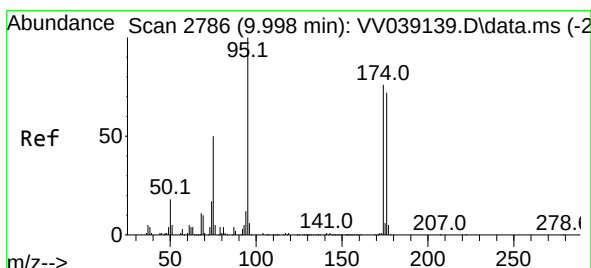
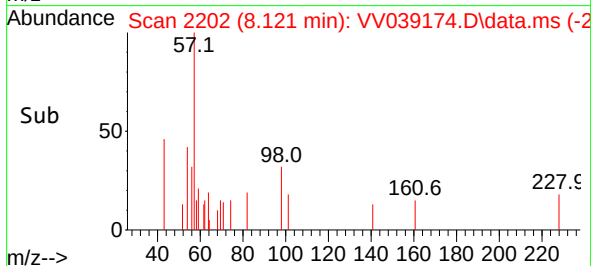
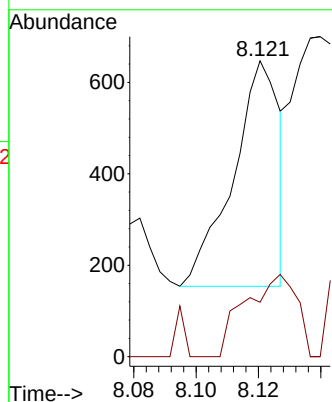
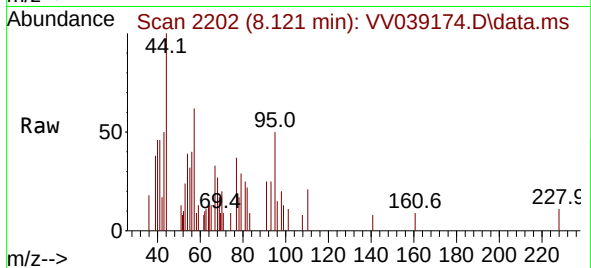
ClientSampleId :

Tgt Ion: 43 Resp: 507

Ion Ratio Lower Upper

43 100

58 40.8 28.3 85.0



#62

4-Bromofluorobenzene

Concen: 50.170 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

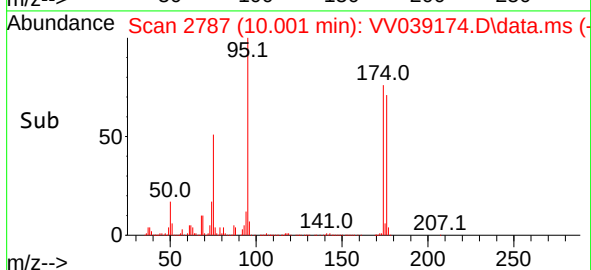
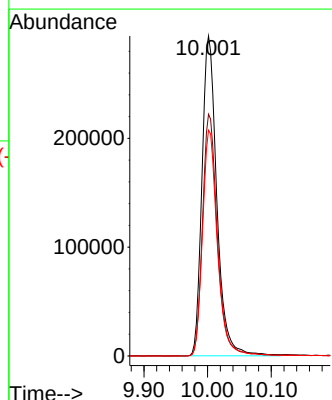
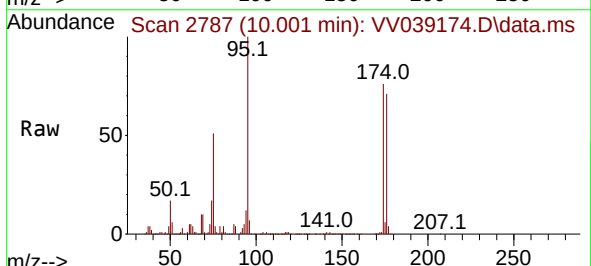
Tgt Ion: 95 Resp: 477673

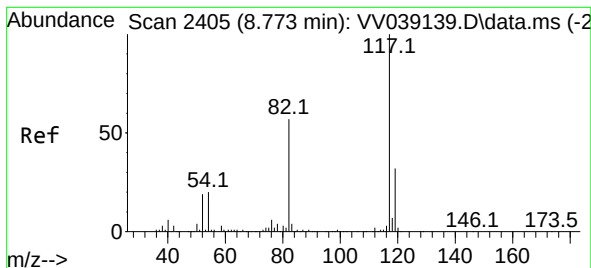
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.4

176 70.6 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

ClientSampleId :

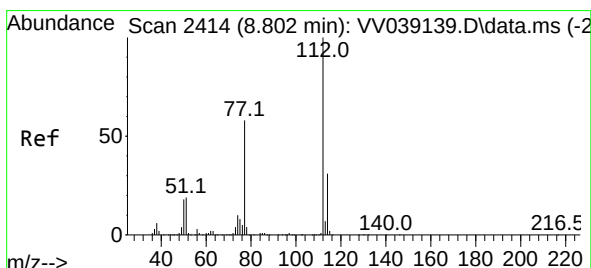
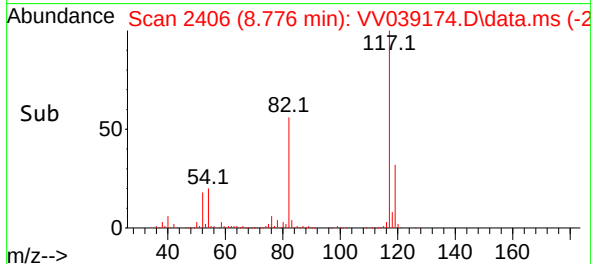
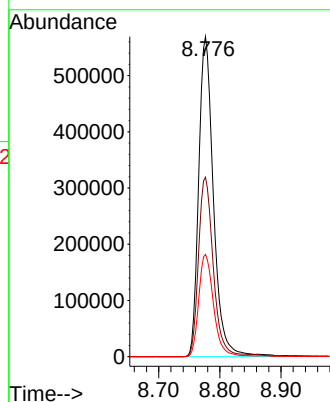
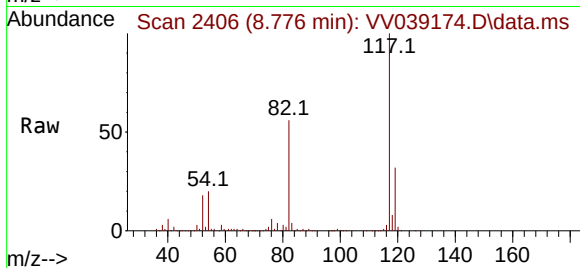
Tgt Ion:117 Resp: 954674

Ion Ratio Lower Upper

117 100

82 56.1 45.4 68.2

119 32.0 25.6 38.4



#65

Chlorobenzene

Concen: 0.202 ug/l

RT: 8.815 min Scan# 2418

Delta R.T. 0.013 min

Lab File: VV039174.D

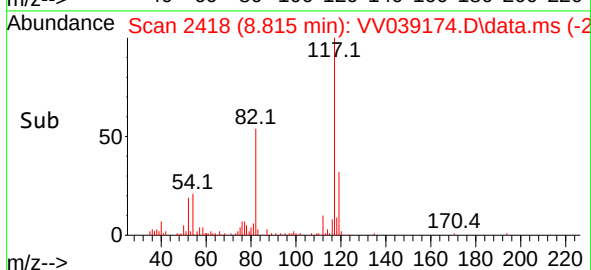
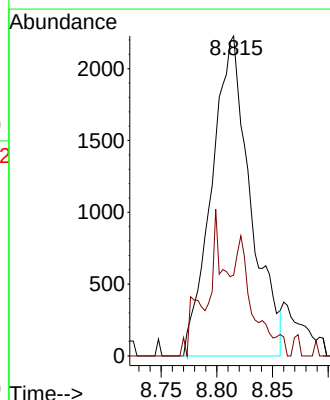
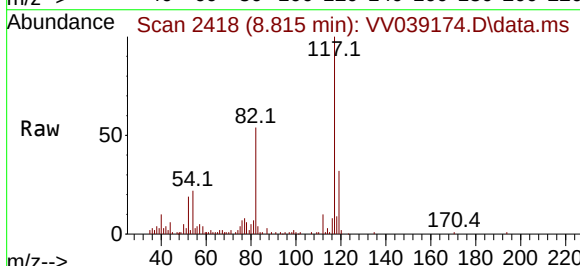
Acq: 25 Sep 2025 12:33

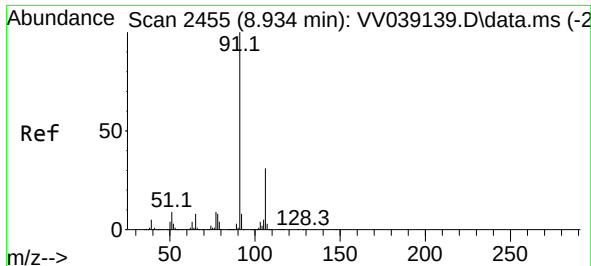
Tgt Ion:112 Resp: 5382

Ion Ratio Lower Upper

112 100

114 25.3 24.6 37.0





#67

Ethyl Benzene

Concen: 242.606 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

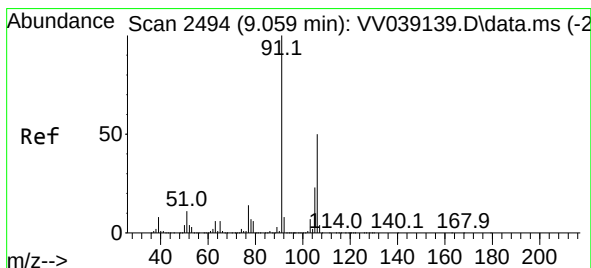
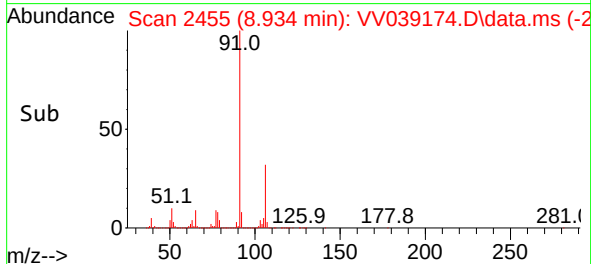
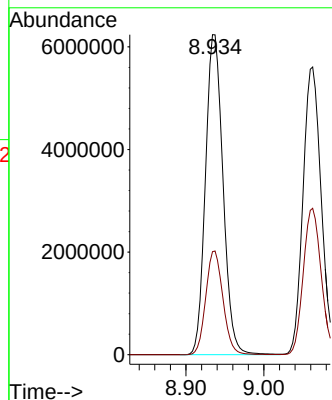
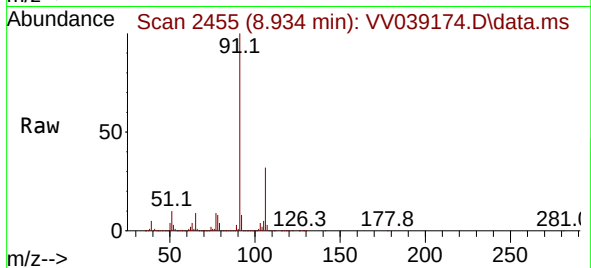
ClientSampleId :

Tgt Ion: 91 Resp: 9765537

Ion Ratio Lower Upper

91 100

106 32.2 24.6 37.0



#68

m/p-Xylenes

Concen: 295.919 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039174.D

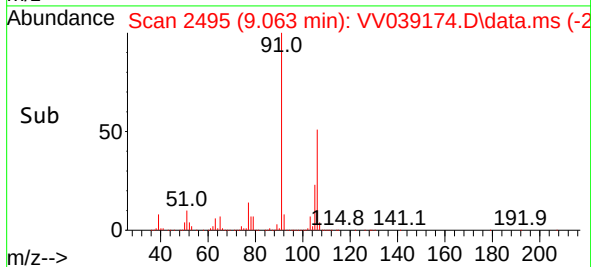
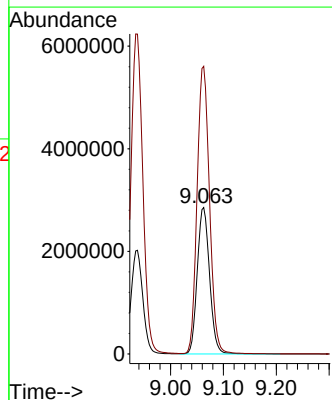
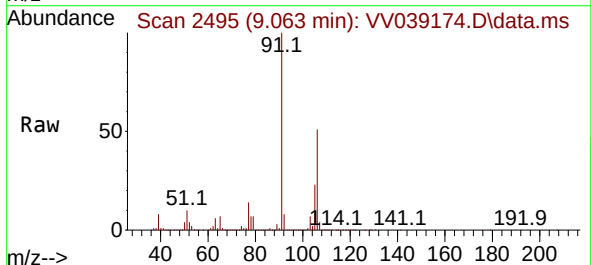
Acq: 25 Sep 2025 12:33

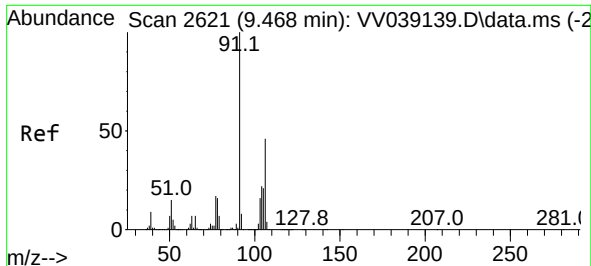
Tgt Ion:106 Resp: 4597374

Ion Ratio Lower Upper

106 100

91 198.5 162.5 243.7

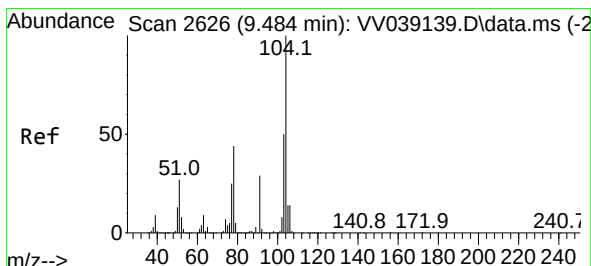
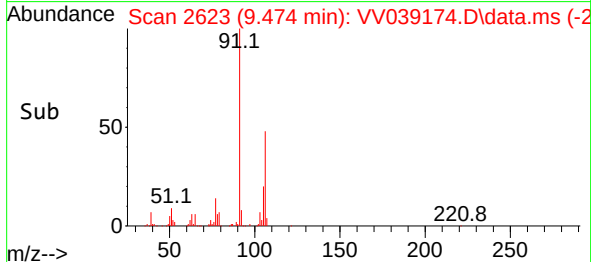
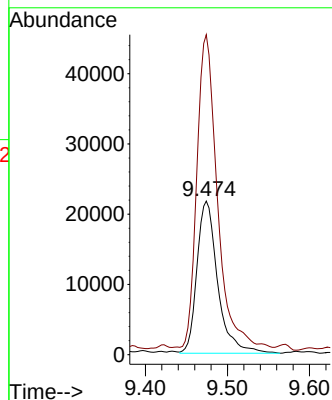
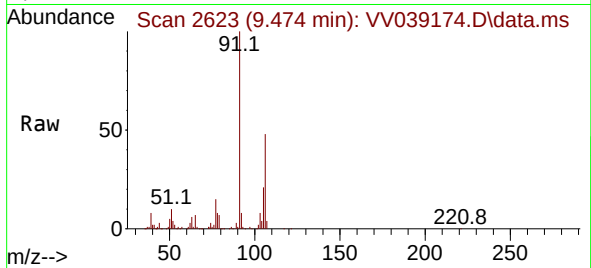




#69
o-Xylene
Concen: 2.767 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

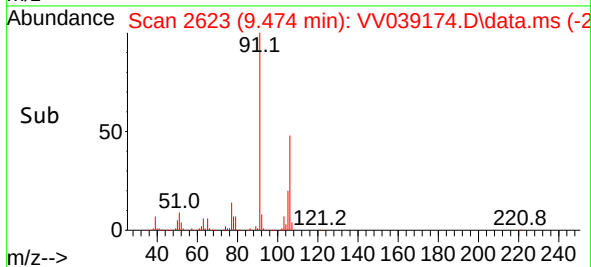
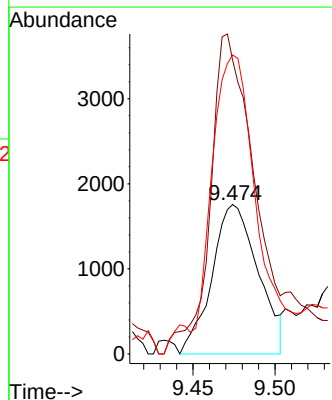
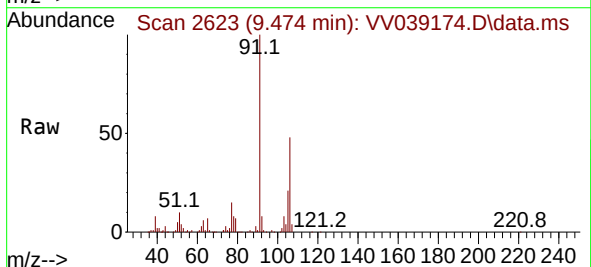
Instrument :
MSVOA_V
ClientSampleId :

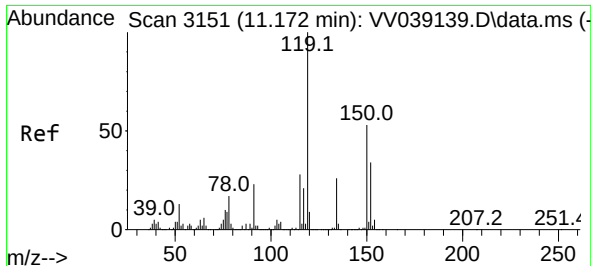
Tgt Ion:106 Resp: 38063
Ion Ratio Lower Upper
106 100
91 200.5 109.1 327.3



#70
Styrene
Concen: 1.675 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. -0.010 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:104 Resp: 3438
Ion Ratio Lower Upper
104 100
78 229.7 39.8 59.6#
103 171.5 43.4 65.2#

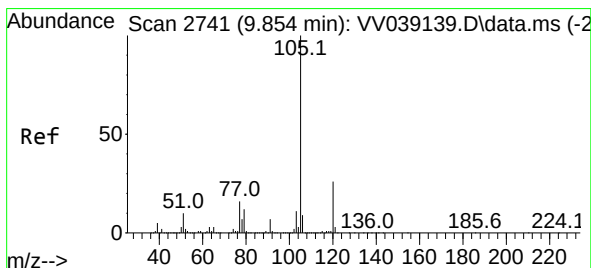
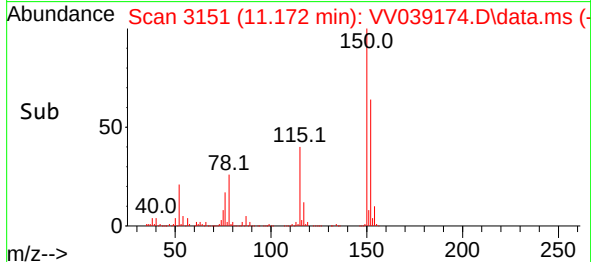
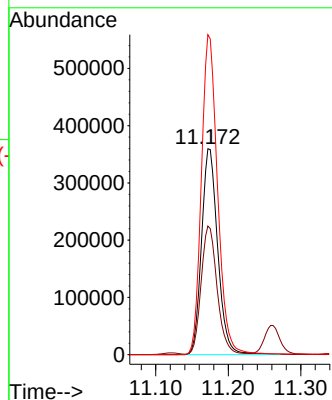
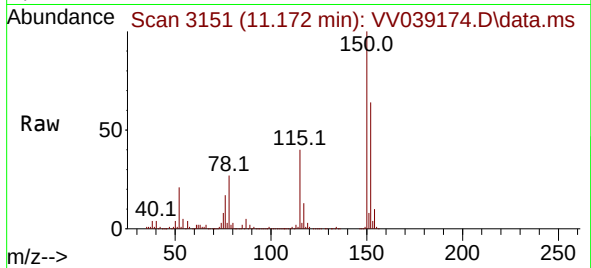




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VV039174.D
 Acq: 25 Sep 2025 12:33

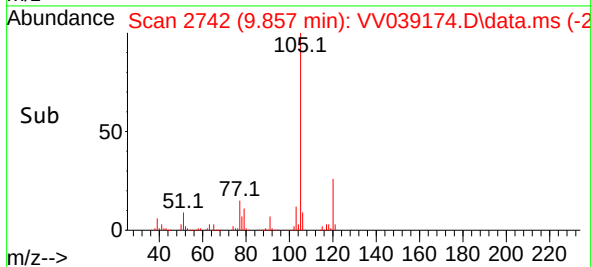
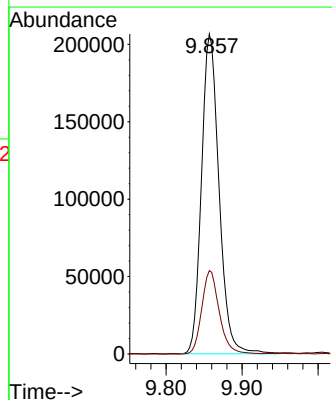
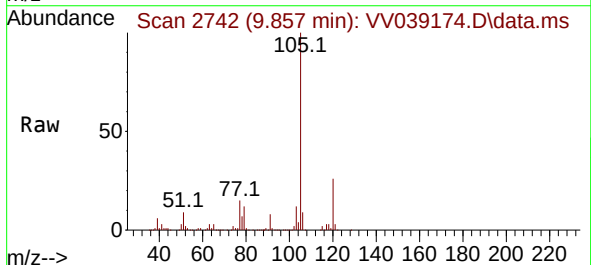
Instrument :
 MSVOA_V
 ClientSampleId :

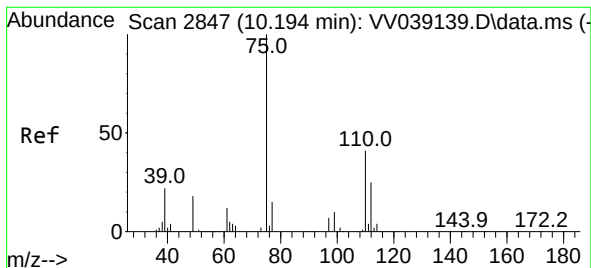
Tgt Ion:152 Resp: 558535
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.8 134.4
 150 155.7 0.0 353.8



#73
 Isopropylbenzene
 Concen: 8.177 ug/l
 RT: 9.857 min Scan# 2742
 Delta R.T. 0.003 min
 Lab File: VV039174.D
 Acq: 25 Sep 2025 12:33

Tgt Ion:105 Resp: 331271
 Ion Ratio Lower Upper
 105 100
 120 25.9 13.1 39.1





#76

1,2,3-Trichloropropane

Concen: 0.620 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.084 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

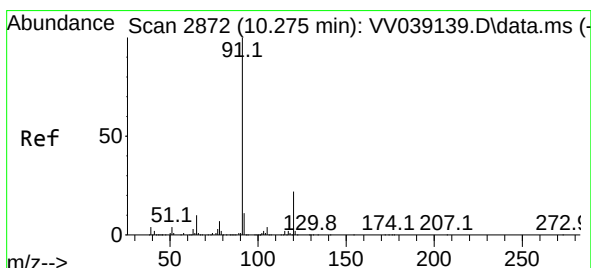
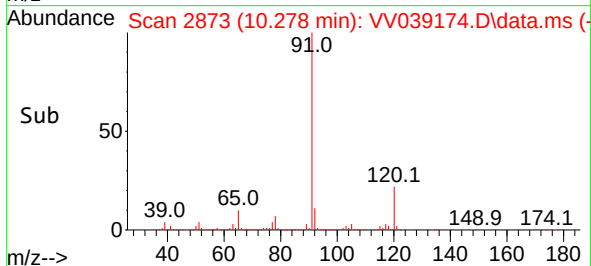
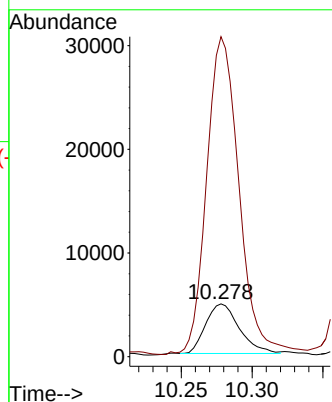
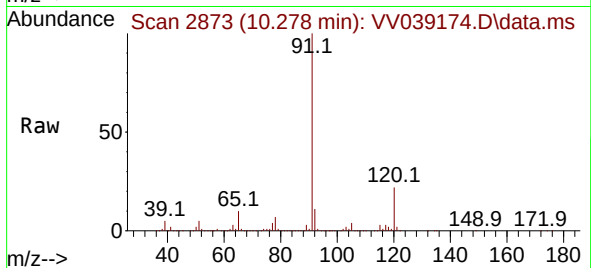
ClientSampleId :

Tgt Ion: 75 Resp: 7882

Ion Ratio Lower Upper

75 100

77 621.6 11.3 33.8#



#78

n-propylbenzene

Concen: 24.402 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039174.D

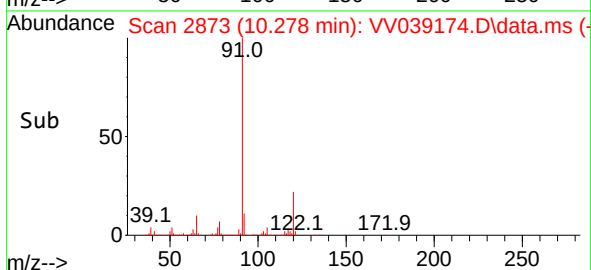
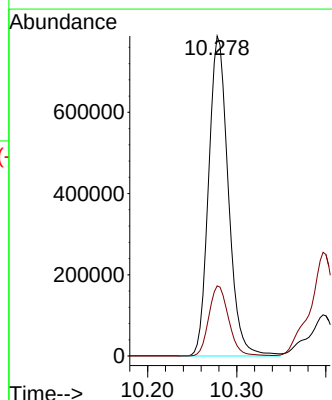
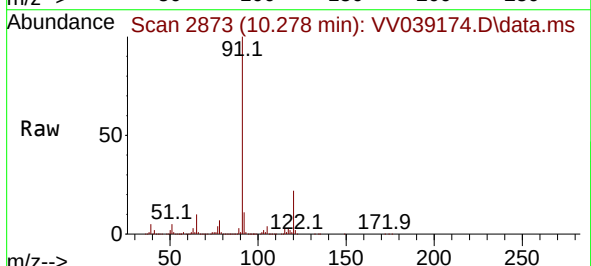
Acq: 25 Sep 2025 12:33

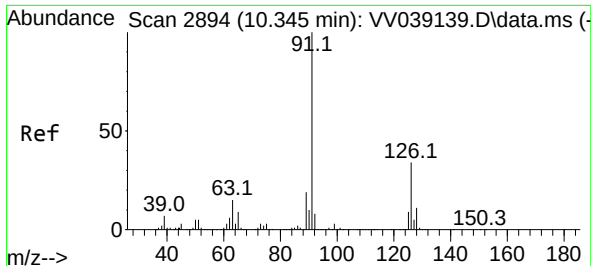
Tgt Ion: 91 Resp: 1203830

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3

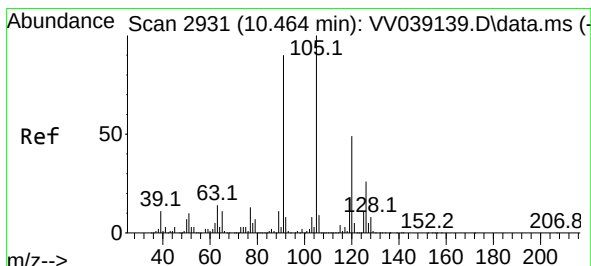
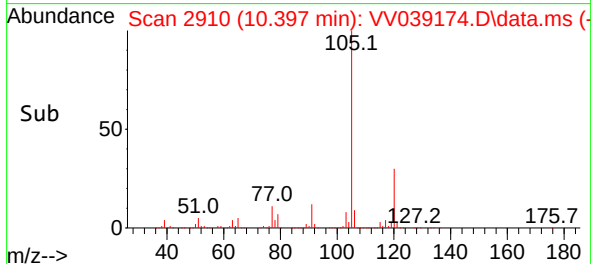
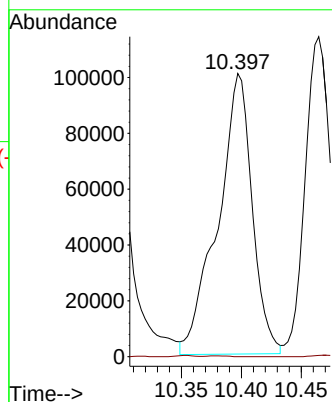
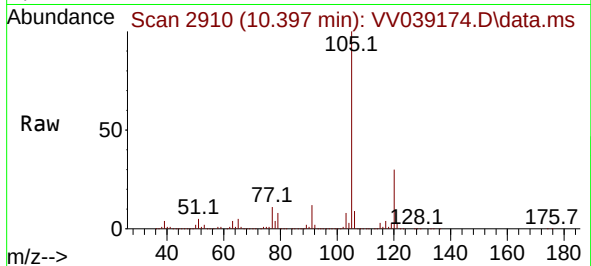




#79
2-Chlorotoluene
Concen: 6.782 ug/l
RT: 10.397 min Scan# 2910
Delta R.T. 0.051 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

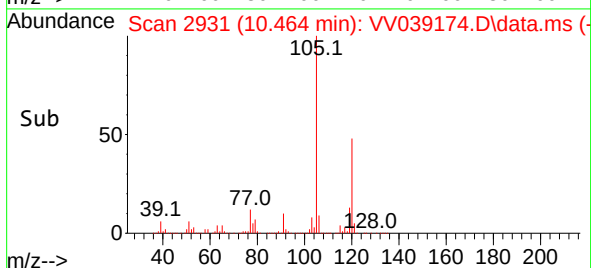
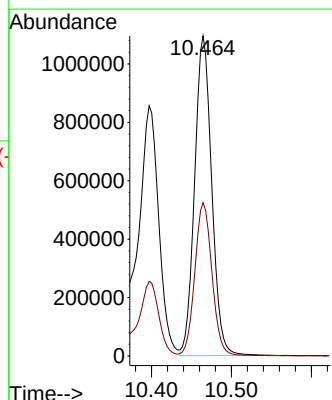
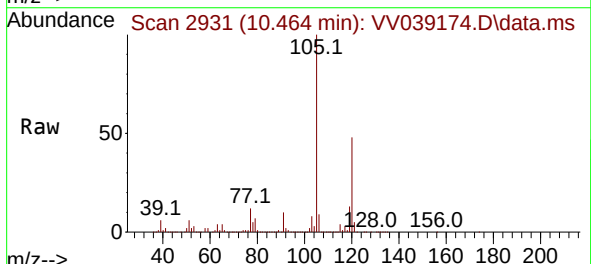
Instrument :
MSVOA_V
ClientSampleId :

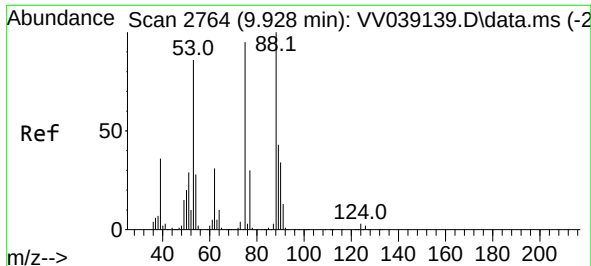
Tgt Ion: 91 Resp: 200205
Ion Ratio Lower Upper
91 100
126 0.2 16.7 50.0#



#80
1,3,5-Trimethylbenzene
Concen: 48.359 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion:105 Resp: 1628348
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

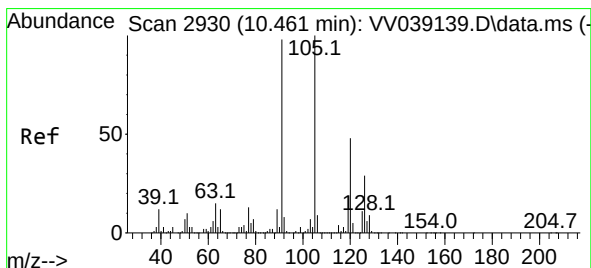
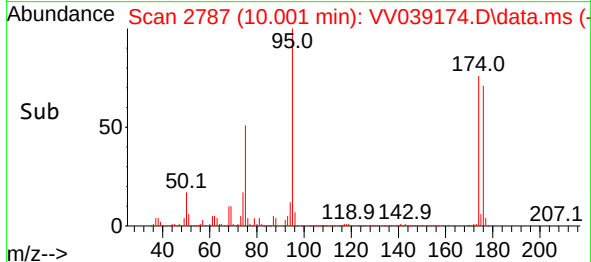
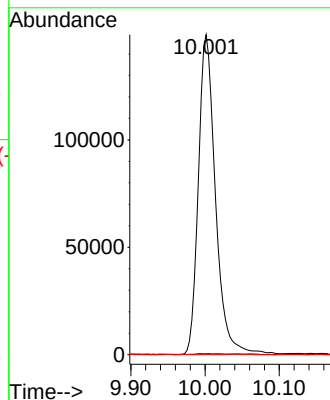
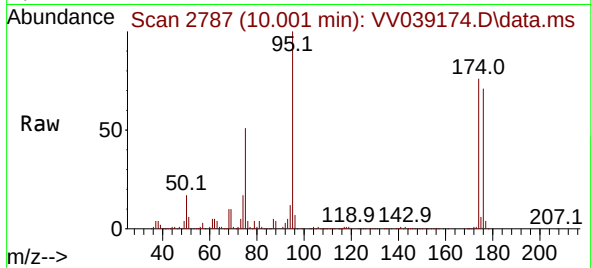




#81
trans-1,4-Dichloro-2-butene
Concen: 45.167 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

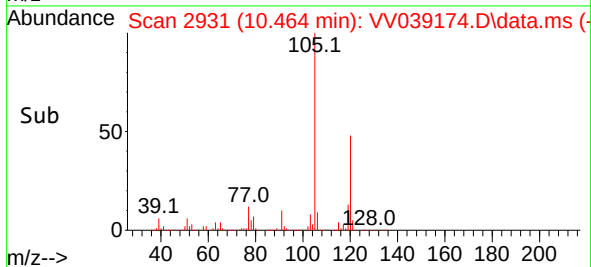
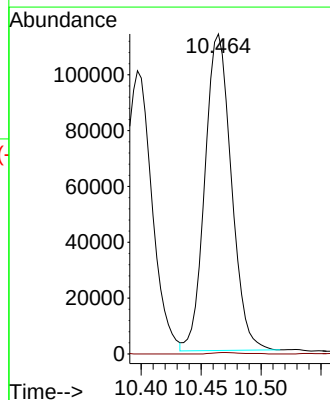
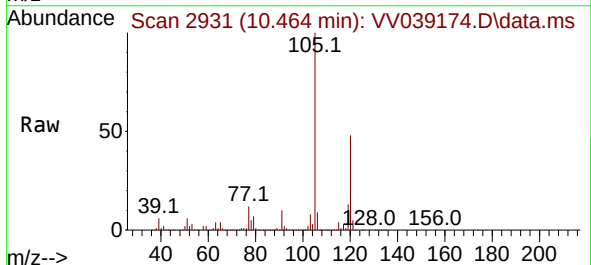
Instrument :
MSVOA_V
ClientSampleId :

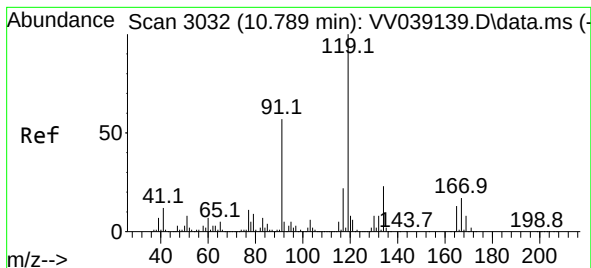
Tgt Ion: 75 Resp: 239261
Ion Ratio Lower Upper
75 100
53 0.3 72.5 108.7#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 5.086 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039174.D
Acq: 25 Sep 2025 12:33

Tgt Ion: 91 Resp: 174077
Ion Ratio Lower Upper
91 100
126 0.4 14.5 43.6#





#83

tert-Butylbenzene

Concen: 24.877 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.051 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

ClientSampleId :

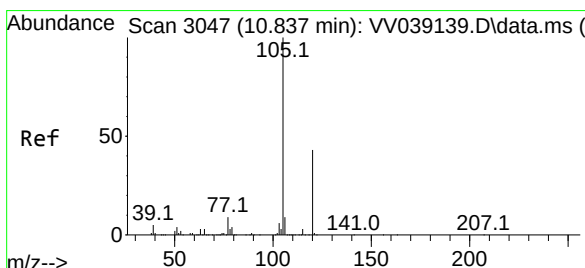
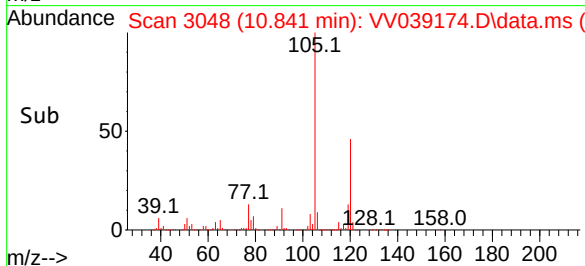
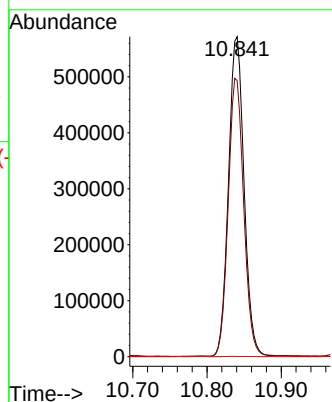
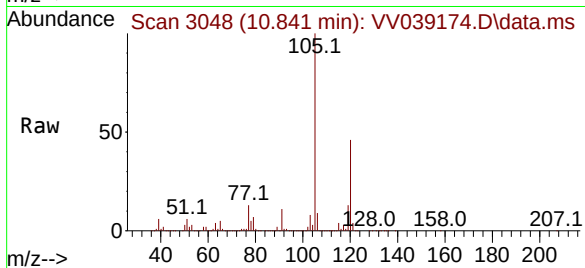
Tgt Ion:119 Resp: 835281

Ion Ratio Lower Upper

119 100

91 86.6 28.5 85.6#

134 0.1 11.5 34.4#



#84

1,2,4-Trimethylbenzene

Concen: 206.300 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039174.D

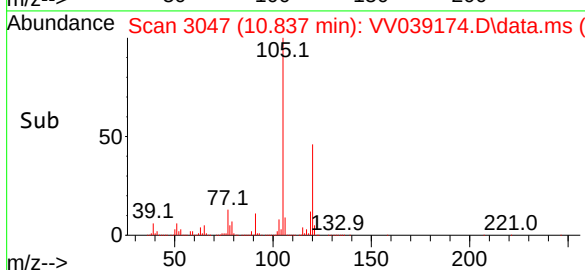
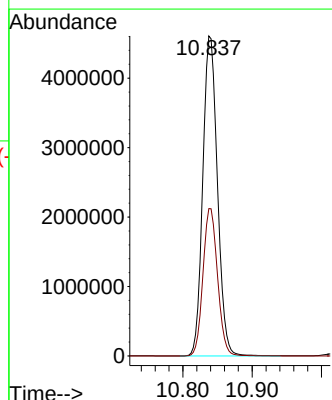
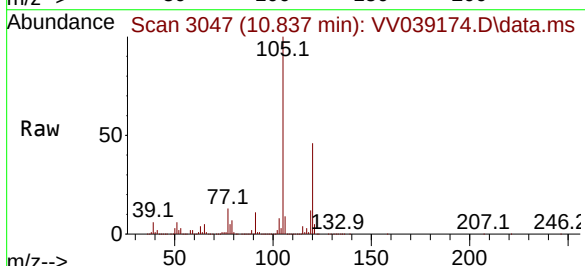
Acq: 25 Sep 2025 12:33

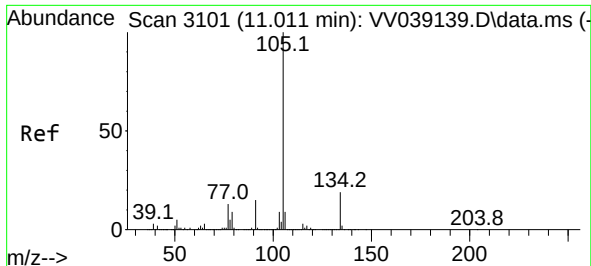
Tgt Ion:105 Resp: 6743997

Ion Ratio Lower Upper

105 100

120 45.9 22.4 67.2

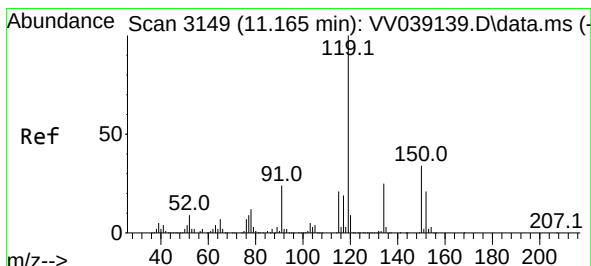
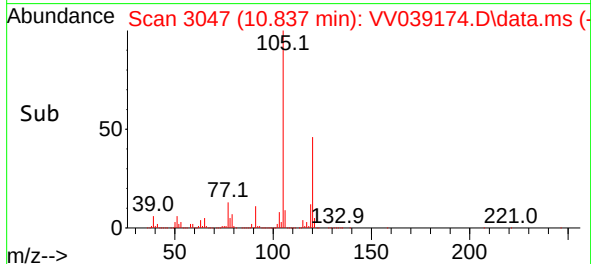
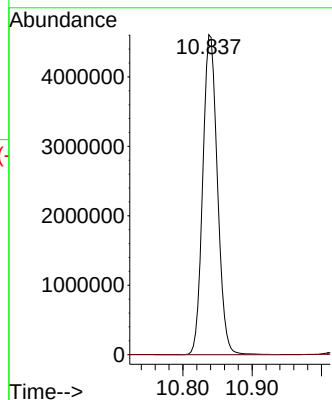
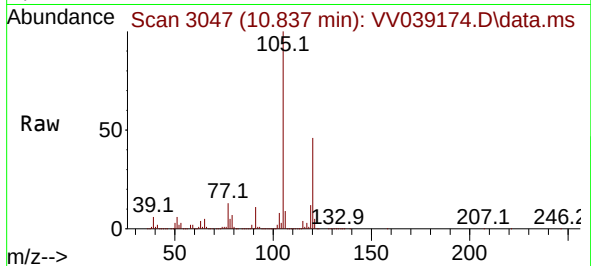




#85
 sec-Butylbenzene
 Concen: 151.433 ug/l
 RT: 10.837 min Scan# 3047
 Delta R.T. -0.174 min
 Lab File: VV039174.D
 Acq: 25 Sep 2025 12:33

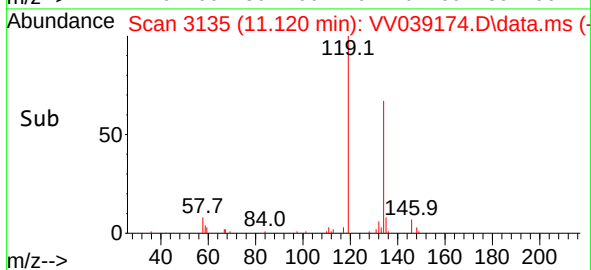
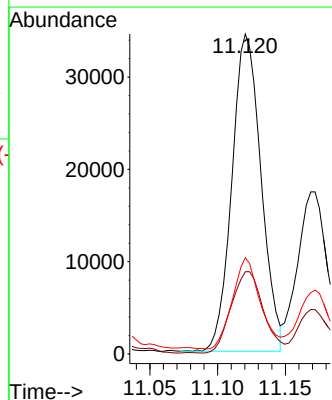
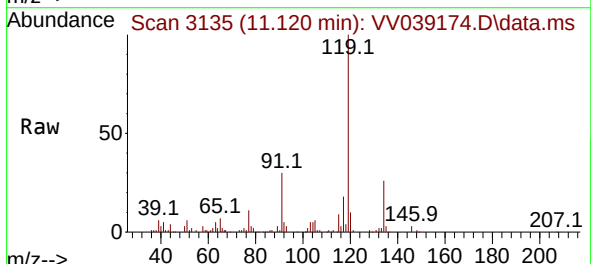
Instrument :
 MSVOA_V
 ClientSampleId :

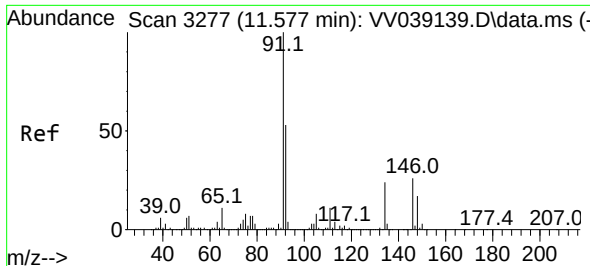
Tgt Ion:105 Resp: 6743997
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.8#



#86
 p-Isopropyltoluene
 Concen: 1.384 ug/l
 RT: 11.120 min Scan# 3135
 Delta R.T. -0.045 min
 Lab File: VV039174.D
 Acq: 25 Sep 2025 12:33

Tgt Ion:119 Resp: 51298
 Ion Ratio Lower Upper
 119 100
 134 28.5 12.7 38.0
 91 27.3 12.0 36.1





#89

n-Butylbenzene

Concen: 4.436 ug/l

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

ClientSampleId :

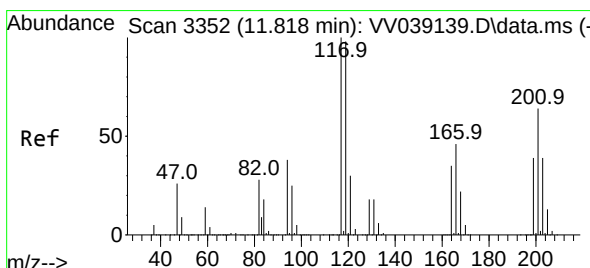
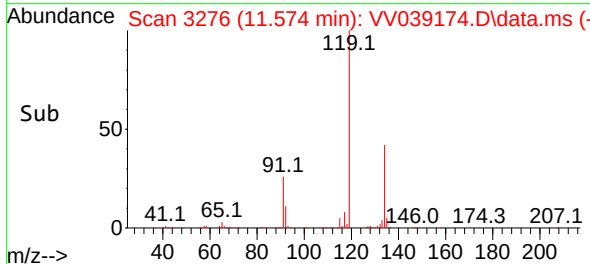
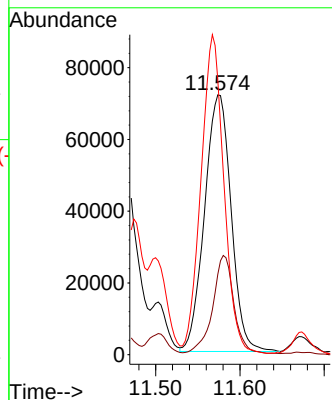
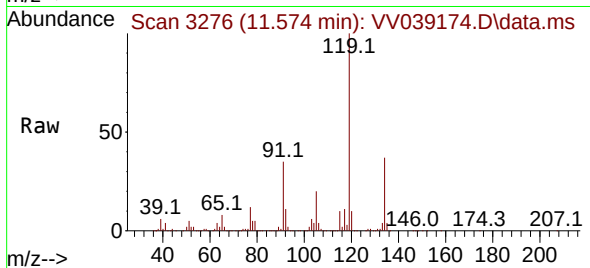
Tgt Ion: 91 Resp: 157033

Ion Ratio Lower Upper

91 100

92 30.8 26.6 79.8

134 106.5 12.1 36.3#



#90

Hexachloroethane

Concen: 2.869 ug/l

RT: 11.837 min Scan# 3358

Delta R.T. 0.019 min

Lab File: VV039174.D

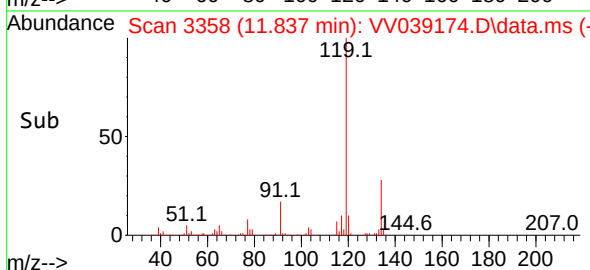
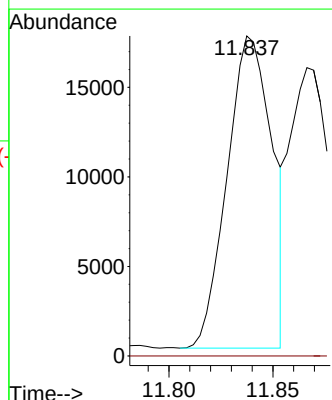
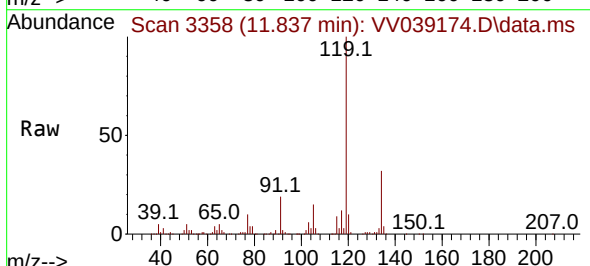
Acq: 25 Sep 2025 12:33

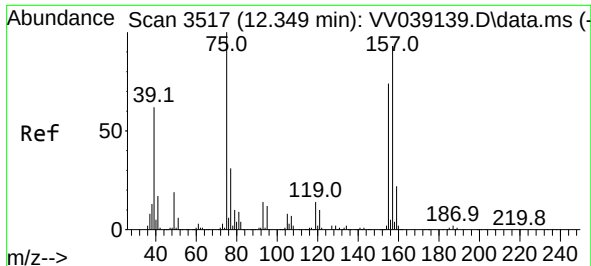
Tgt Ion: 117 Resp: 26189

Ion Ratio Lower Upper

117 100

201 0.0 32.3 96.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 12.336 min Scan# 3513

Delta R.T. -0.013 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

ClientSampleId :

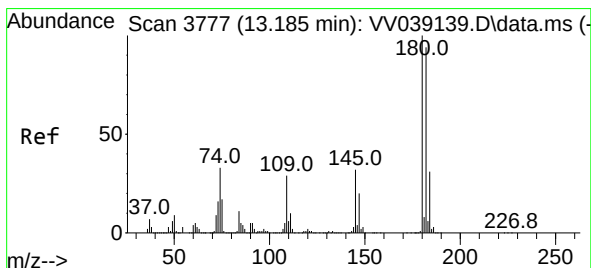
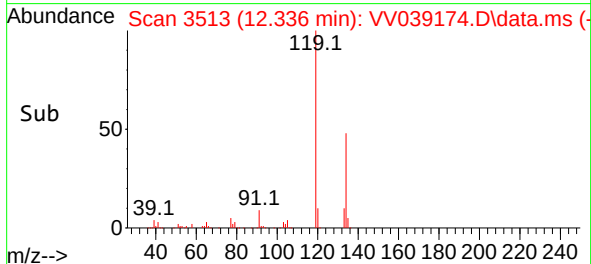
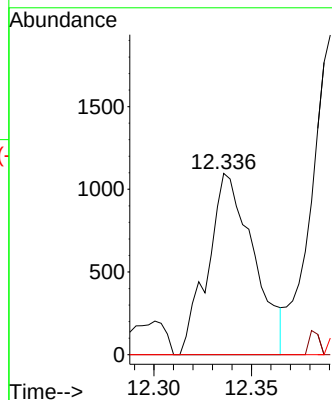
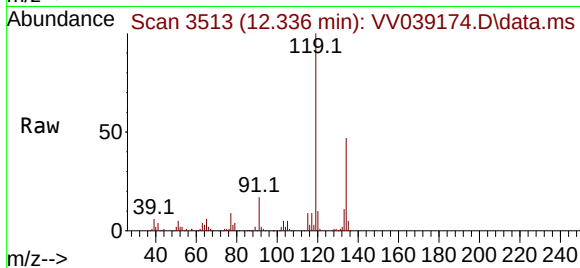
Tgt Ion: 75 Resp: 1784

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 49.5 148.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.191 min Scan# 3779

Delta R.T. 0.006 min

Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

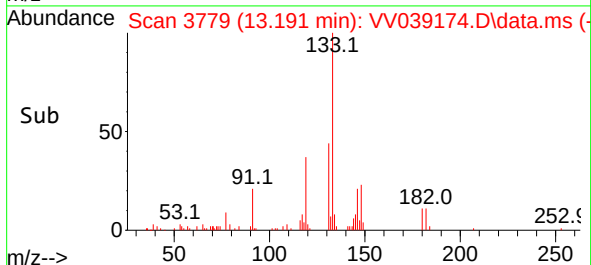
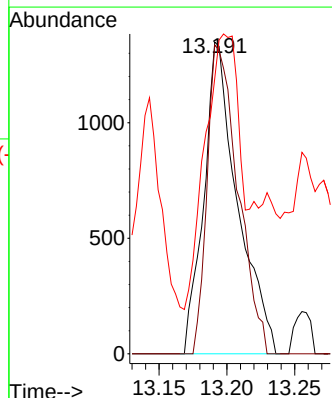
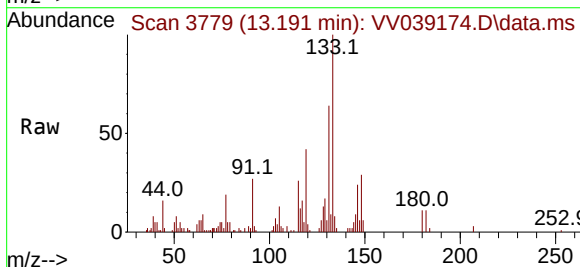
Tgt Ion: 180 Resp: 2335

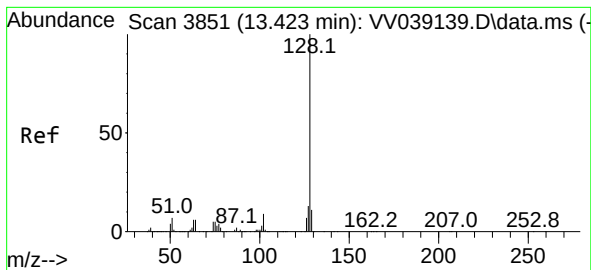
Ion Ratio Lower Upper

180 100

182 90.3 47.1 141.4

145 92.3 16.3 48.8#





#95

Naphthalene

Concen: 57.156 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. -0.000 min

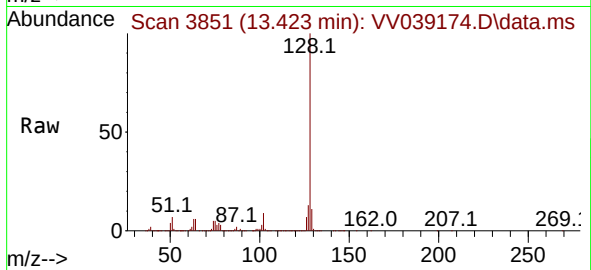
Lab File: VV039174.D

Acq: 25 Sep 2025 12:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 2104561

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.6 13.0

