

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039175.D
 Acq On : 25 Sep 2025 12:55
 Operator : SY/MD
 Sample : Q3175-02DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW4DL

Quant Time: Sep 26 01:25:29 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	560555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1013068	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	987441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	548334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	442857	54.587	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.180%			
35) Dibromofluoromethane	4.503	113	397640	48.825	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.640%			
50) Toluene-d8	7.236	98	1138170	47.583	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.160%			
62) 4-Bromofluorobenzene	10.001	95	477707	48.512	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.020%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.661	64	558	Below Cal	#	62
10) Methyl Iodide	2.204	142	1985	0.237	ug/l #	75
11) Tert butyl alcohol	2.574	59	5532	3.226	ug/l #	73
13) Acrolein	1.989	56	1972	6.628	ug/l #	1
14) Allyl chloride	2.449	41	18245	1.209	ug/l #	78
15) Acrylonitrile	2.709	53	1547	0.281	ug/l #	17
16) Acetone	2.092	43	3905	Below Cal	#	42
18) Methyl Acetate	2.484	43	101297	8.427	ug/l #	53
19) Methyl tert-butyl Ether	2.716	73	11532	0.428	ug/l #	1
20) Methylene Chloride	2.455	84	4100	Below Cal	#	68
23) Vinyl Acetate	2.979	43	15187	0.601	ug/l #	46
31) Cyclohexane	4.590	56	88730	6.132	ug/l #	85
36) 1,1-Dichloropropene	4.600	75	47556	3.862	ug/l #	50
38) Carbon Tetrachloride	4.603	117	62182	4.132	ug/l #	16
39) Methylcyclohexane	6.050	83	106117	7.136	ug/l	96
40) Benzene	5.011	78	2259910	56.362	ug/l	99
41) Methacrylonitrile	4.146	41	345	1.960	ug/l #	48
42) 1,2-Dichloroethane	5.008	62	18288	1.302	ug/l	76
48) Methyl methacrylate	6.285	41	5366	0.581	ug/l #	54
49) 1,4-Dioxane	6.262	88	170	1.141	ug/l #	25
52) Toluene	7.320	92	56174	2.416	ug/l	94
55) 1,1,2-Trichloroethane	7.715	97	8046	0.772	ug/l #	18
58) 2-Chloroethyl Vinyl ether	7.030	63	163	9.645	ug/l	95
59) 2-Hexanone	8.156	43	467	2.368	ug/l	72
67) Ethyl Benzene	8.937	91	1097863	26.369	ug/l	100
68) m/p-Xylenes	9.063	106	1299190	80.850	ug/l	100
69) o-Xylene	9.471	106	82647	5.809	ug/l	99
70) Styrene	9.471	104	6277	1.762	ug/l #	1
73) Isopropylbenzene	9.860	105	102681	2.582	ug/l	99
76) 1,2,3-Trichloropropane	10.001	75	240582	19.270	ug/l #	56
78) n-propylbenzene	10.281	91	321661	6.642	ug/l	99
79) 2-Chlorotoluene	10.374	91	83242	2.872	ug/l #	42
80) 1,3,5-Trimethylbenzene	10.464	105	387119	11.711	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.001	75	240582	46.262	ug/l #	13
82) 4-Chlorotoluene	10.464	91	45399	1.351	ug/l #	47
83) tert-Butylbenzene	10.841	119	151792	4.605	ug/l #	58

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

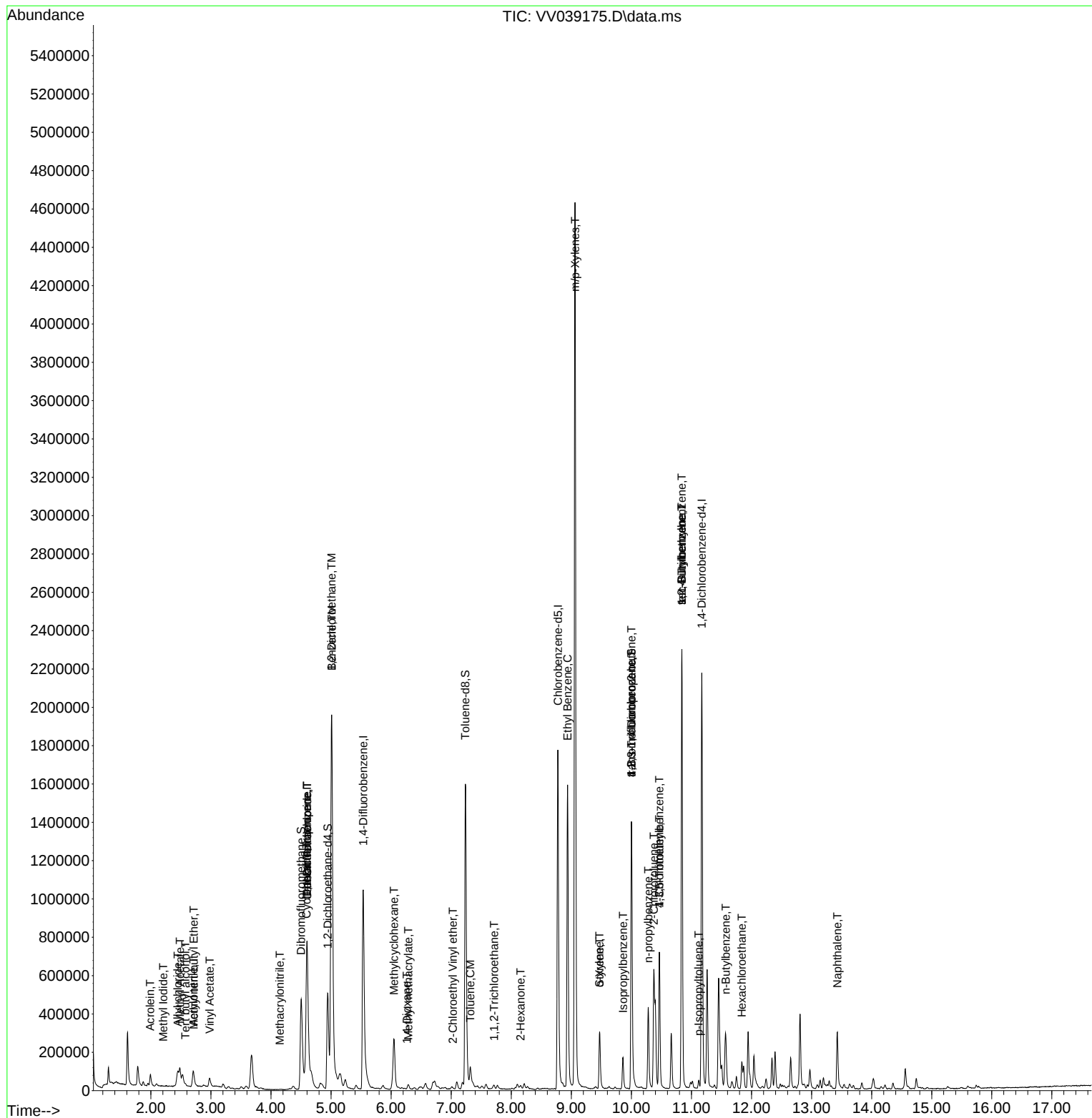
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	10.841	105	1210229	37.710	ug/l	99
85) sec-Butylbenzene	10.841	105	1210142	27.679	ug/l #	58
86) p-Isopropyltoluene	11.120	119	21548	0.592	ug/l	93
89) n-Butylbenzene	11.574	91	56450	1.624	ug/l #	30
90) Hexachloroethane	11.841	117	9049	1.010	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	12.339	75	698	Below Cal	#	5
95) Naphthalene	13.429	128	248885	6.885	ug/l	100

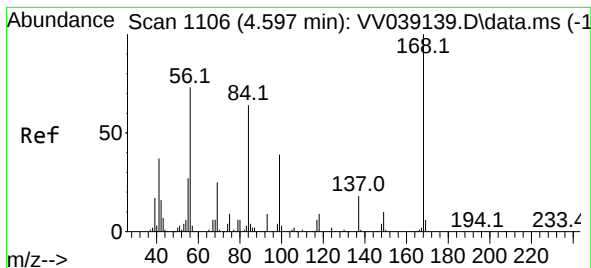
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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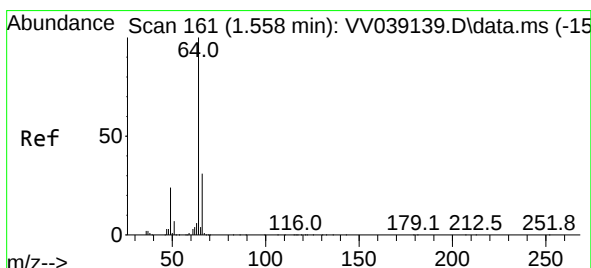
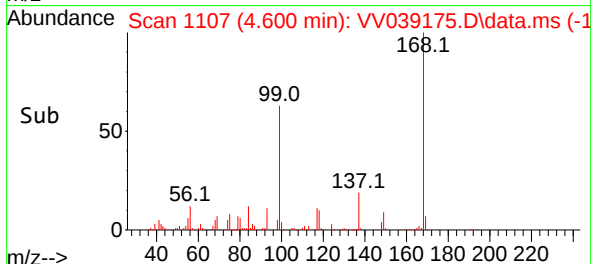
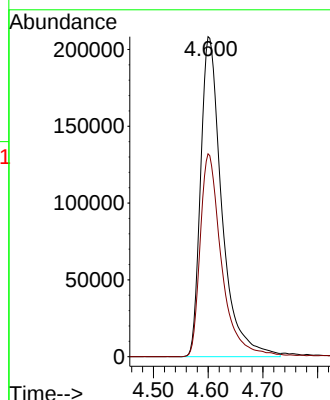
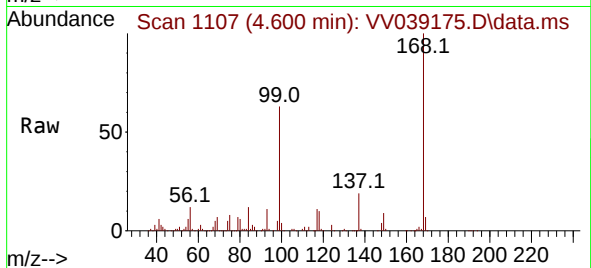




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

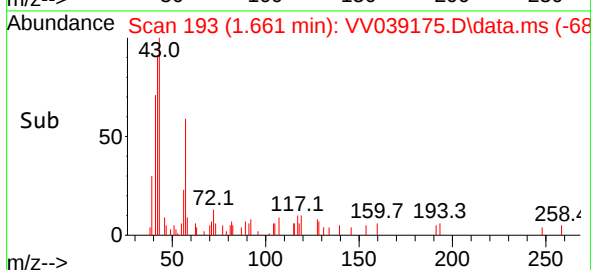
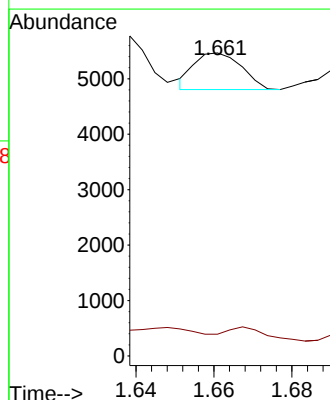
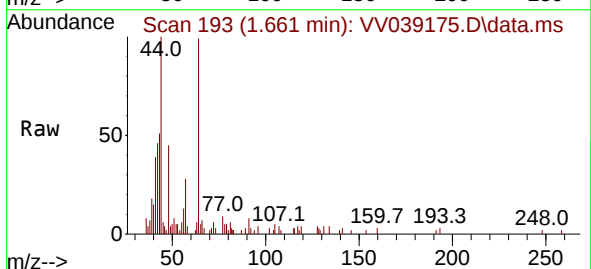
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

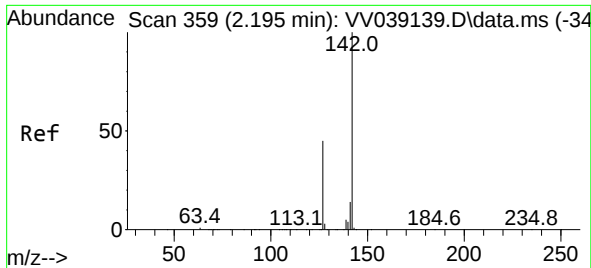
Tgt Ion:168 Resp: 560555
Ion Ratio Lower Upper
168 100
99 63.4 49.6 74.4



#6
Chloroethane
Concen: Below Cal
RT: 1.661 min Scan# 193
Delta R.T. 0.103 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 64 Resp: 558
Ion Ratio Lower Upper
64 100
66 10.2 24.6 36.8#

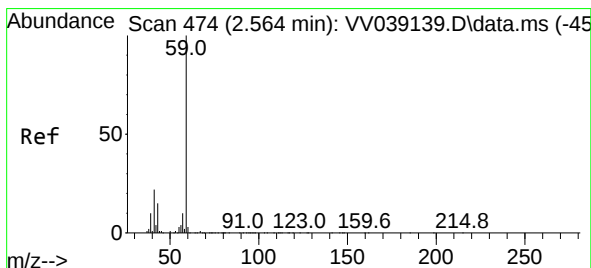
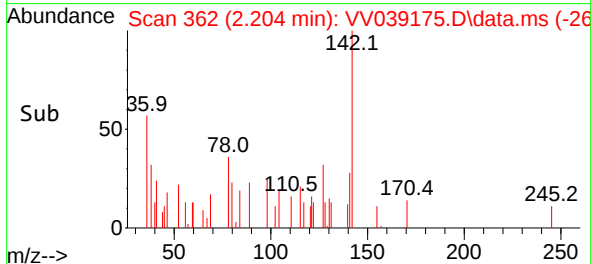
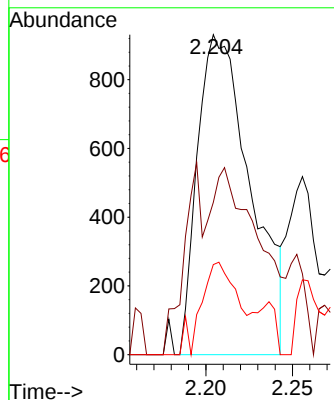
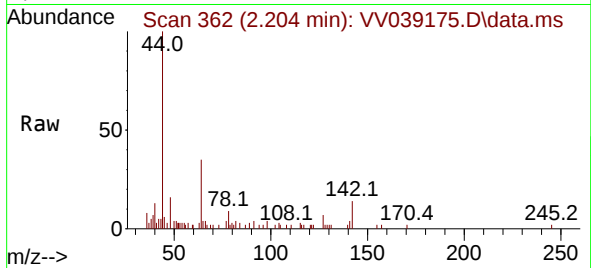




#10
Methyl Iodide
Concen: 0.237 ug/l
RT: 2.204 min Scan# 30
Delta R.T. 0.010 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

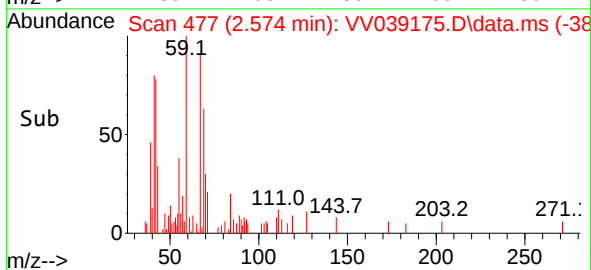
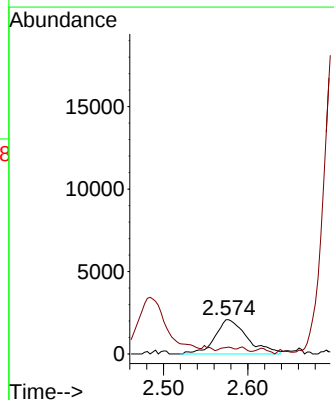
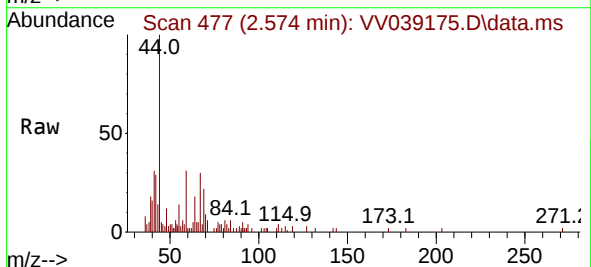
Instrument :
MSVOA_V
ClientSampleId :
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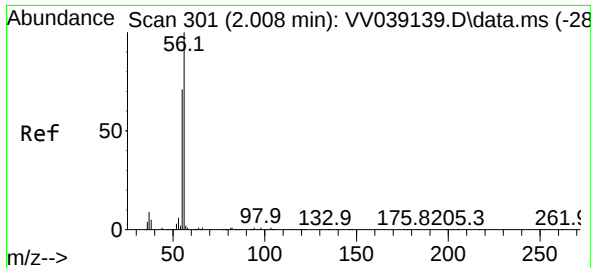
Tgt Ion:142 Resp: 1985
Ion Ratio Lower Upper
142 100
127 26.8 36.3 54.5#
141 19.5 11.2 16.8#



#11
Tert butyl alcohol
Concen: 3.226 ug/l
RT: 2.574 min Scan# 477
Delta R.T. 0.010 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 59 Resp: 5532
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

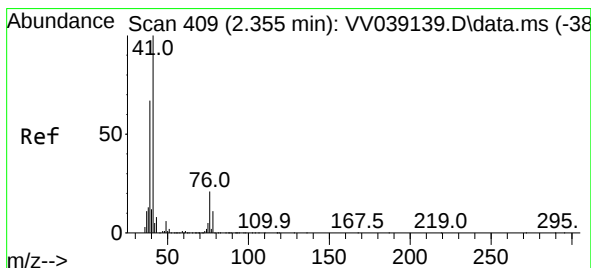
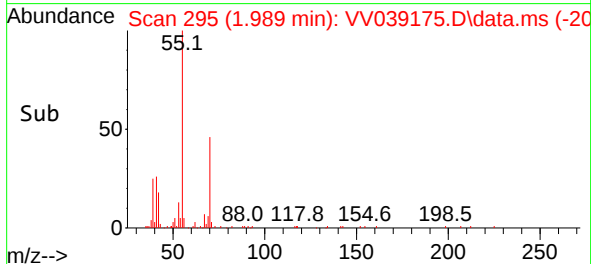
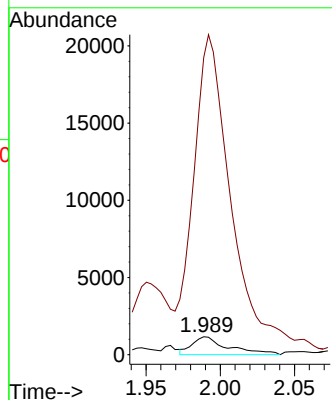
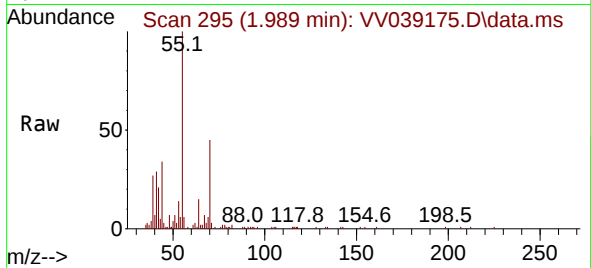




#13
Acrolein
Concen: 6.628 ug/l
RT: 1.989 min Scan# 295
Delta R.T. -0.019 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

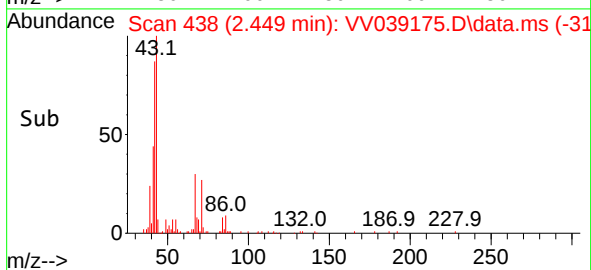
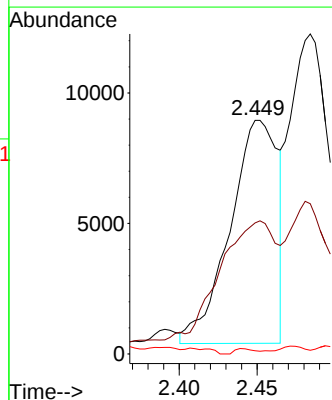
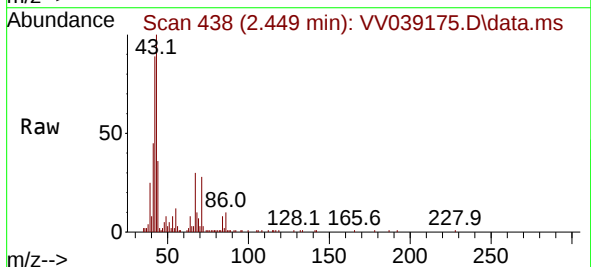
Instrument :
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ClientSampleId :
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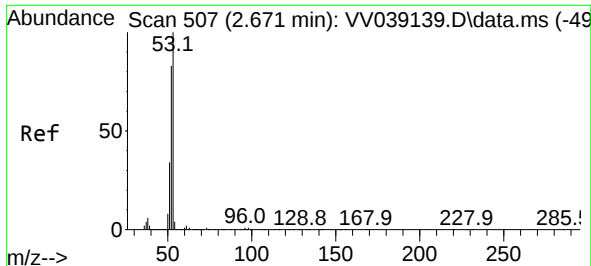
Tgt Ion: 56 Resp: 1972
Ion Ratio Lower Upper
56 100
55 1804.7 56.2 84.4#



#14
Allyl chloride
Concen: 1.209 ug/l
RT: 2.449 min Scan# 438
Delta R.T. 0.093 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 41 Resp: 18245
Ion Ratio Lower Upper
41 100
39 65.6 51.0 76.6
76 1.0 28.2 42.4#

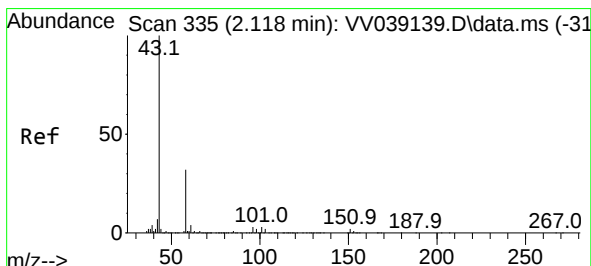
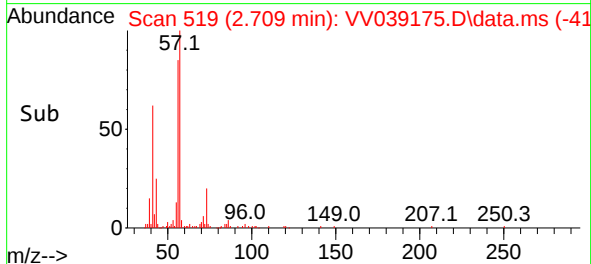
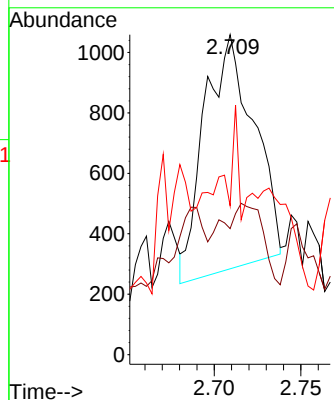
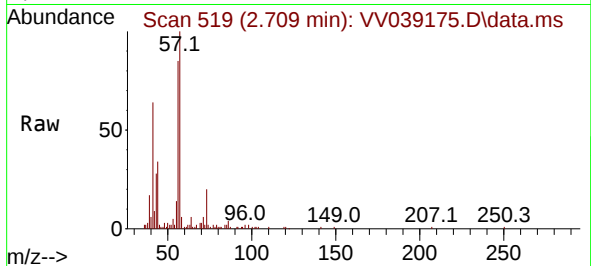




#15
Acrylonitrile
Concen: 0.281 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.039 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

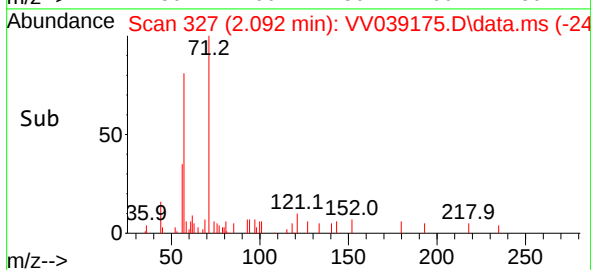
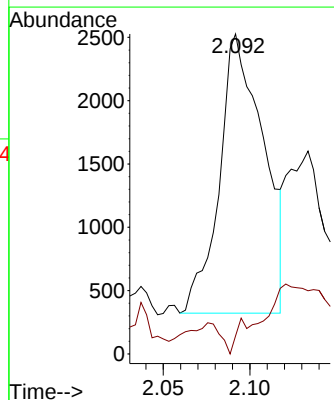
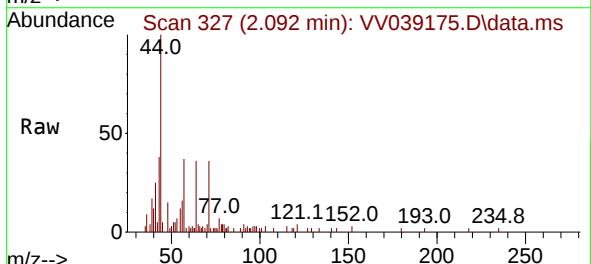
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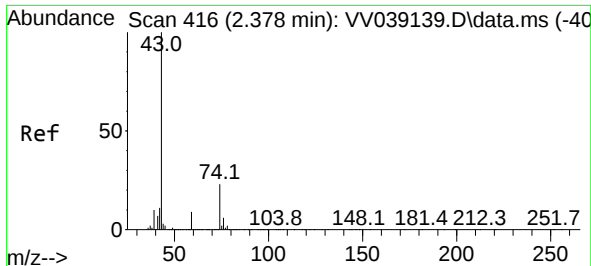
Tgt Ion: 53 Resp: 1547
Ion Ratio Lower Upper
53 100
52 0.0 66.1 99.1#
51 0.0 28.5 42.7#



#16
Acetone
Concen: Below Cal
RT: 2.092 min Scan# 327
Delta R.T. -0.026 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 43 Resp: 3905
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#

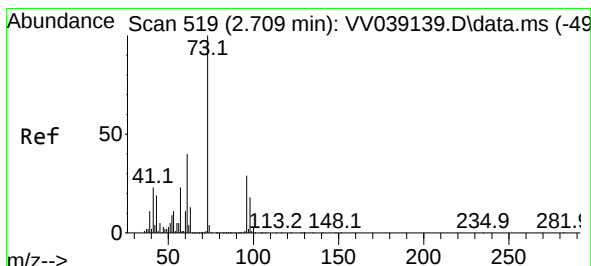
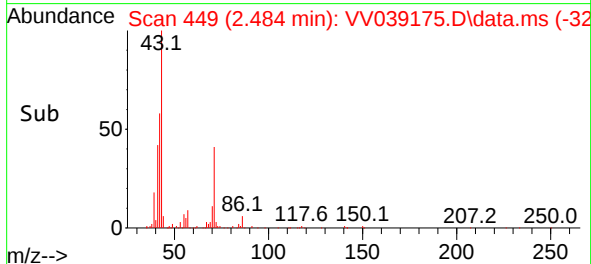
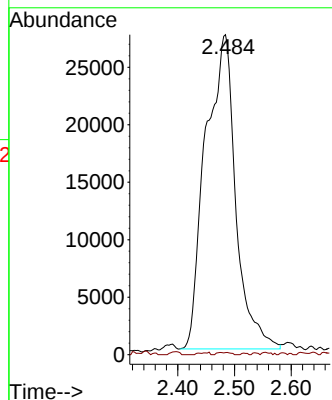
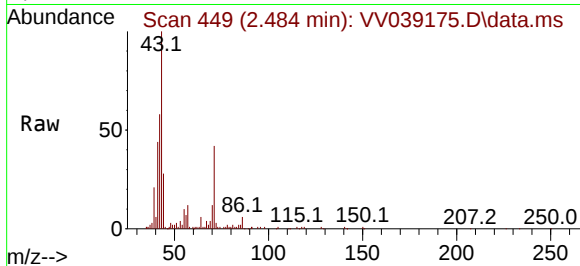




#18
Methyl Acetate
Concen: 8.427 ug/l
RT: 2.484 min Scan# 449
Delta R.T. 0.106 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

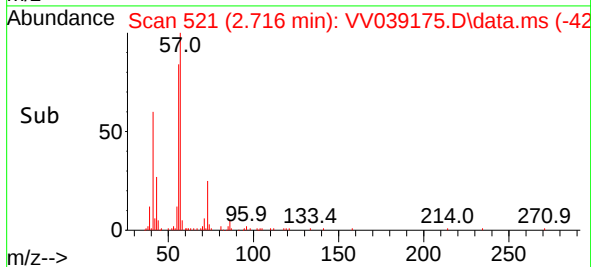
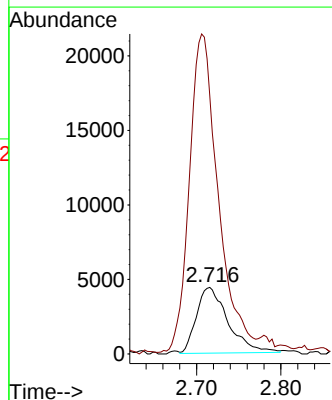
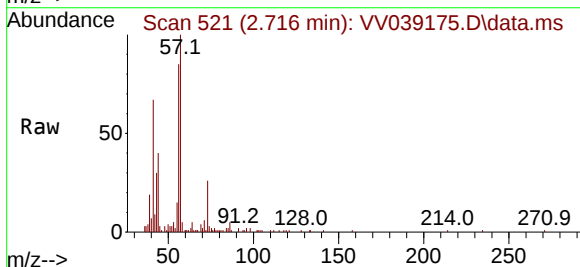
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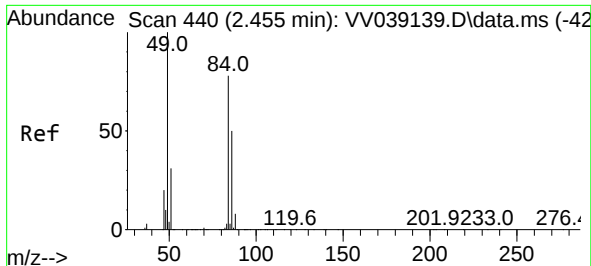
Tgt Ion: 43 Resp: 101297
Ion Ratio Lower Upper
43 100
74 0.2 18.6 27.8#



#19
Methyl tert-butyl Ether
Concen: 0.428 ug/l
RT: 2.716 min Scan# 521
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 73 Resp: 11532
Ion Ratio Lower Upper
73 100
57 382.9 18.2 27.4#

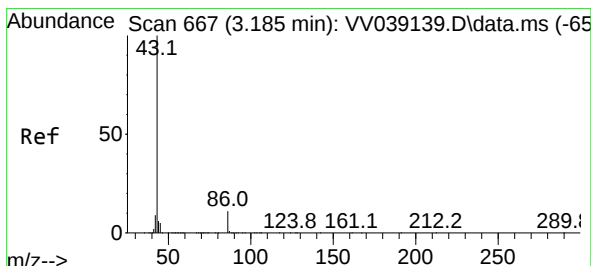
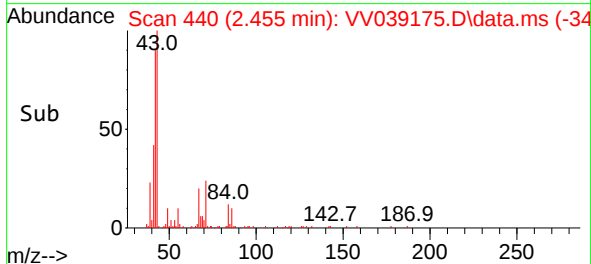
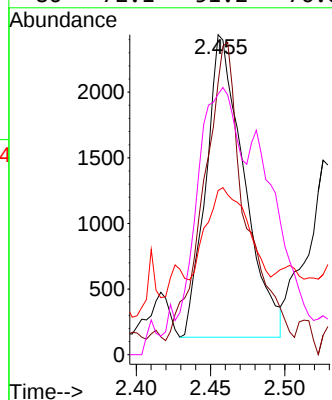
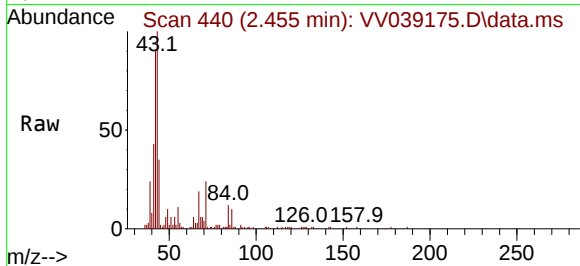




#20
Methylene Chloride
Concen: Below Cal
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

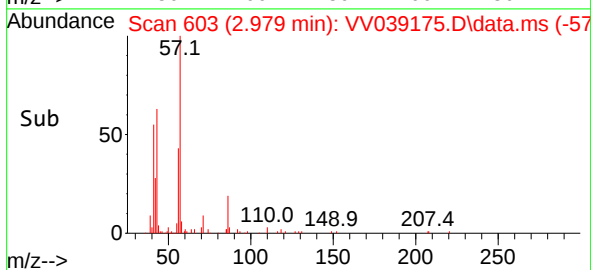
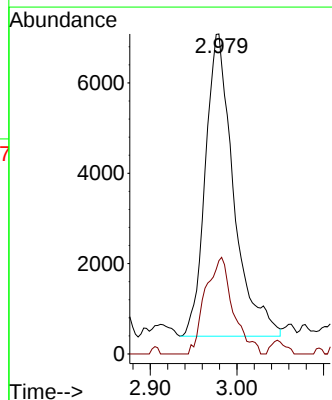
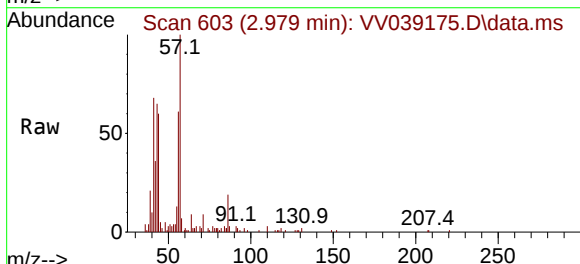
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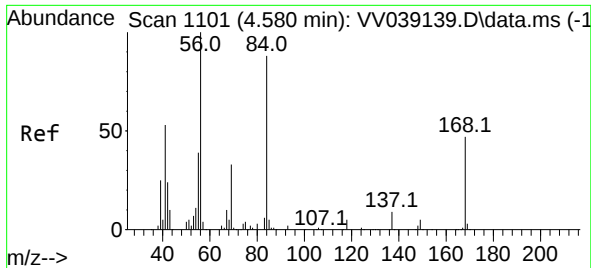
Tgt Ion:	84	Resp:	4100
Ion	Ratio	Lower	Upper
84	100		
49	74.5	102.8	154.2#
51	26.2	31.9	47.9#
86	72.1	51.2	76.8



#23
Vinyl Acetate
Concen: 0.601 ug/l
RT: 2.979 min Scan# 603
Delta R.T. -0.206 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:	43	Resp:	15187
Ion	Ratio	Lower	Upper
43	100		
86	30.9	8.4	12.6#

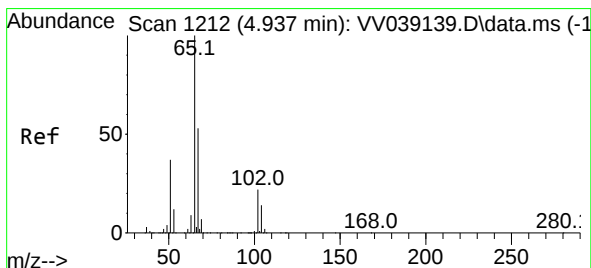
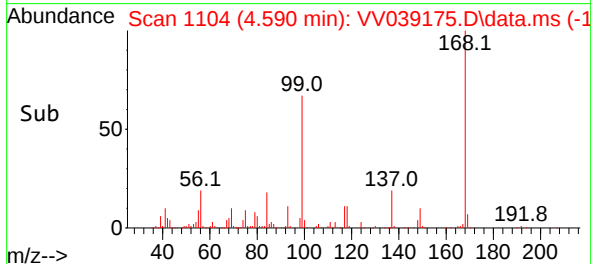
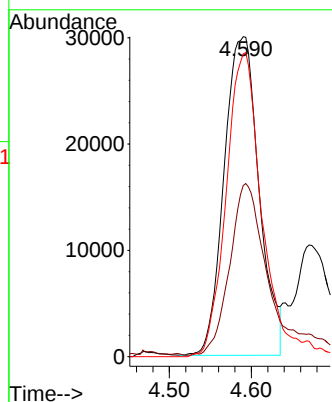
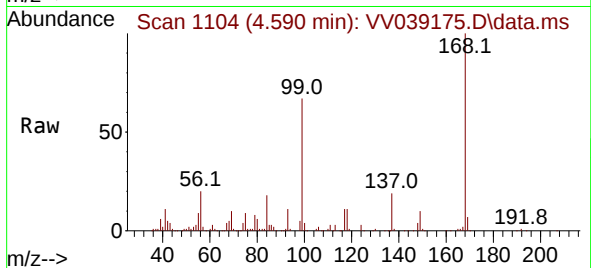




#31
Cyclohexane
Concen: 6.132 ug/l
RT: 4.590 min Scan# 1101
Delta R.T. 0.010 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

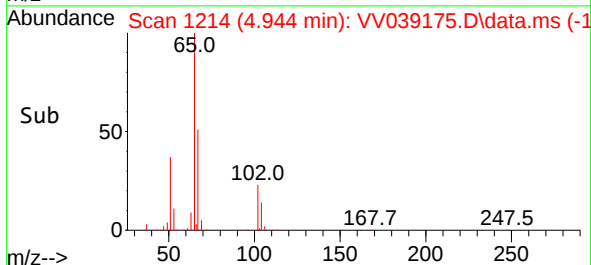
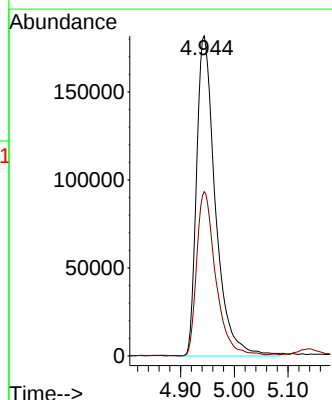
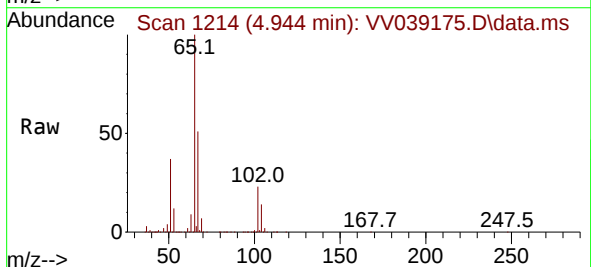
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

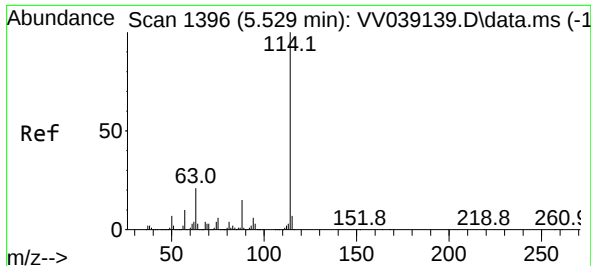
Tgt Ion: 56 Resp: 88730
Ion Ratio Lower Upper
56 100
69 52.9 26.2 39.2#
84 95.1 70.3 105.5



#33
1,2-Dichloroethane-d4
Concen: 54.587 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 65 Resp: 442857
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MW4DL

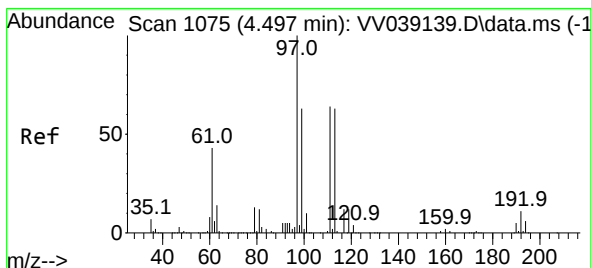
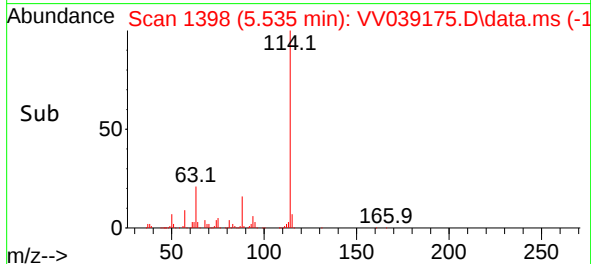
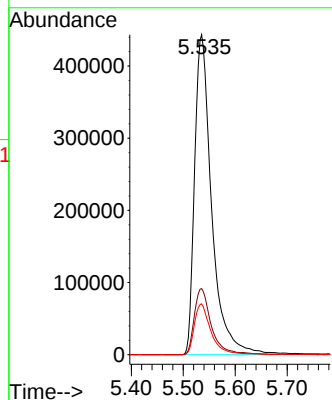
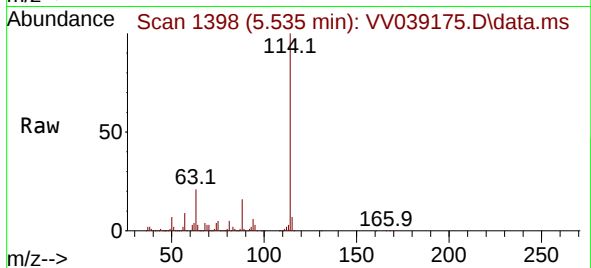
Tgt Ion:114 Resp: 1013068

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 15.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

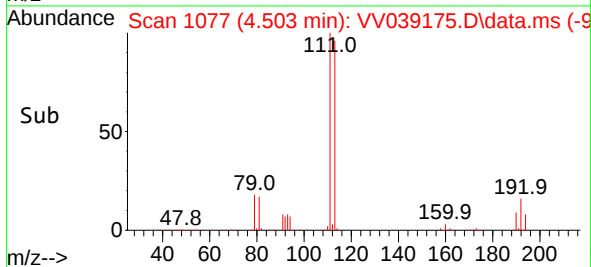
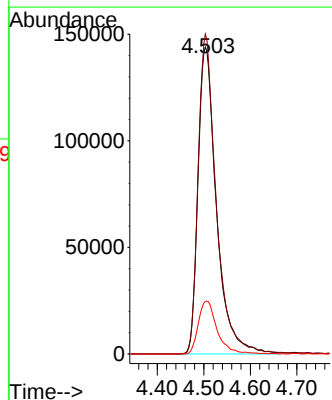
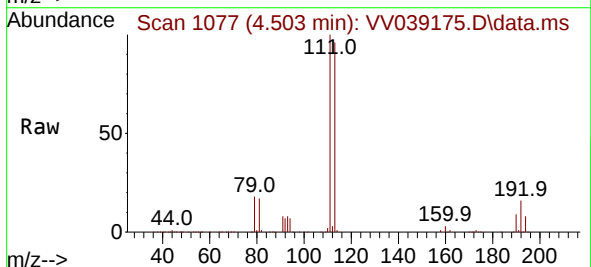
Tgt Ion:113 Resp: 397640

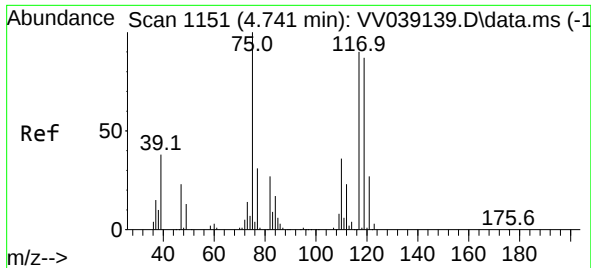
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 17.2 13.8 20.8

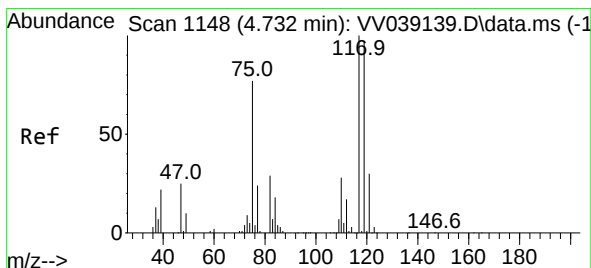
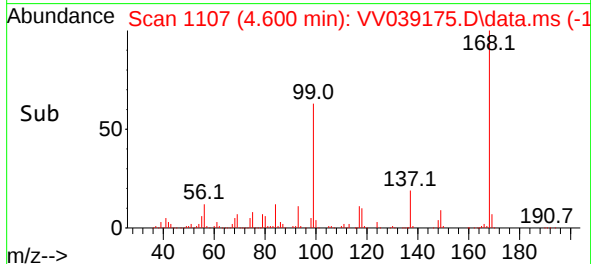
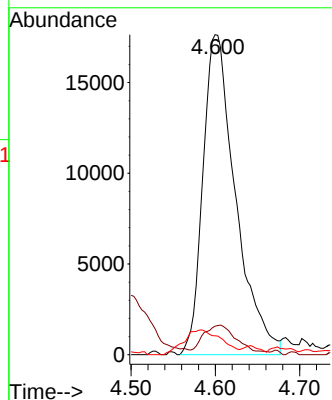
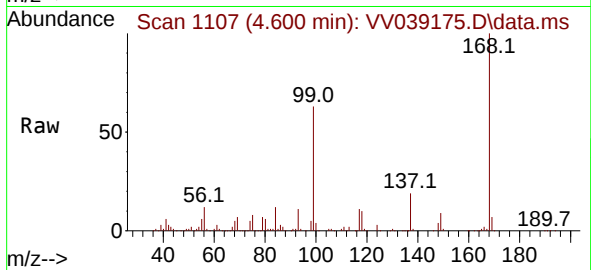




#36
 1,1-Dichloropropene
 Concen: 3.862 ug/l
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.141 min
 Lab File: VV039175.D
 Acq: 25 Sep 2025 12:55

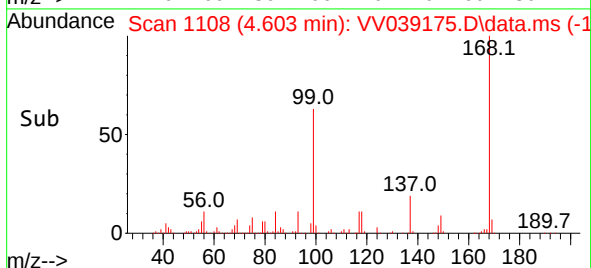
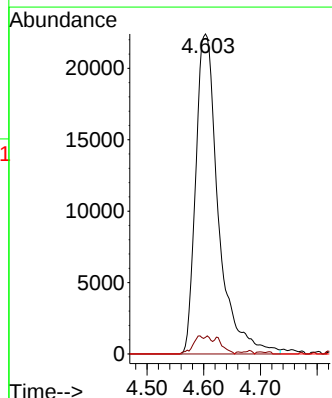
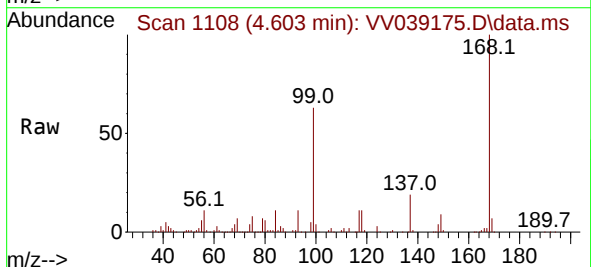
Instrument :
 MSVOA_V
 ClientSampleId :
 MW4DL

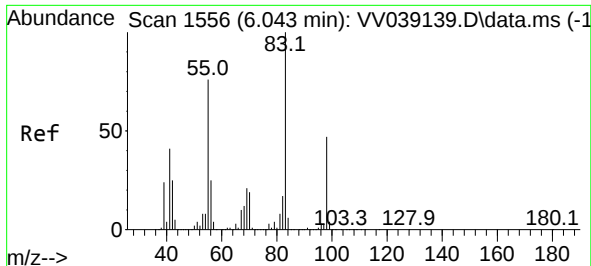
Tgt Ion: 75 Resp: 47556
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.1#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.132 ug/l
 RT: 4.603 min Scan# 1108
 Delta R.T. -0.129 min
 Lab File: VV039175.D
 Acq: 25 Sep 2025 12:55

Tgt Ion: 117 Resp: 62182
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.2 115.8#
 121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 7.136 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MW4DL

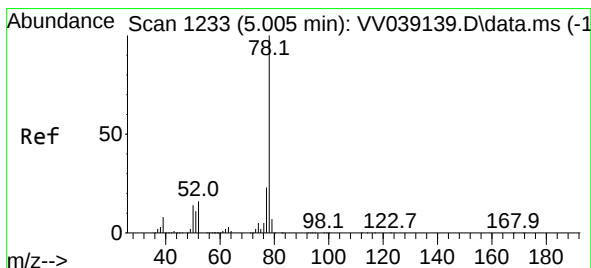
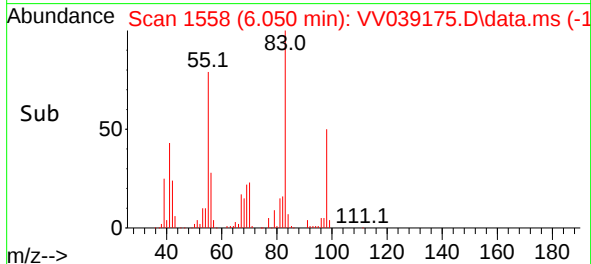
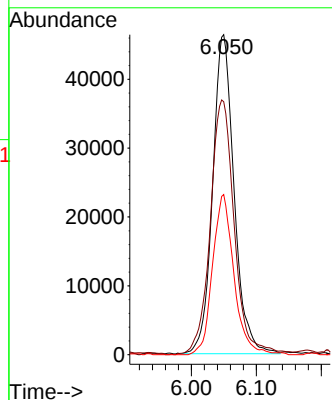
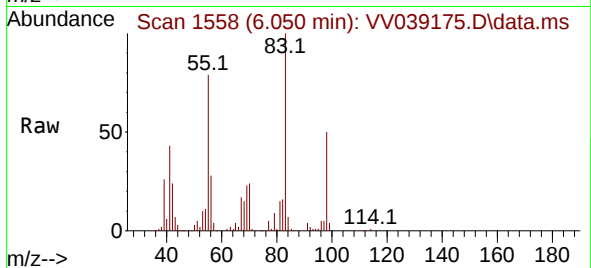
Tgt Ion: 83 Resp: 106117

Ion Ratio Lower Upper

83 100

55 78.9 60.5 90.7

98 50.2 37.8 56.6



#40

Benzene

Concen: 56.362 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VV039175.D

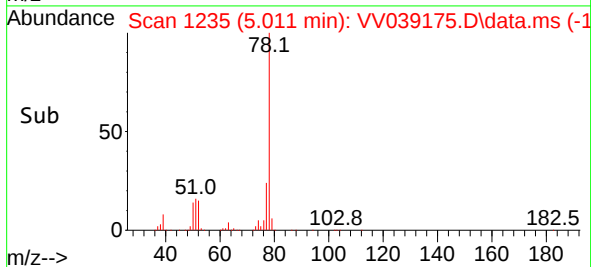
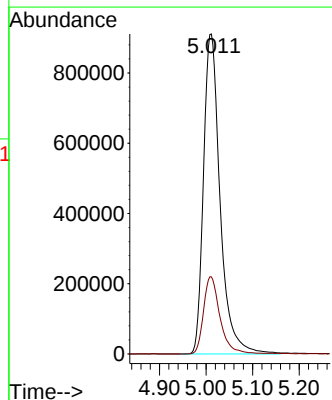
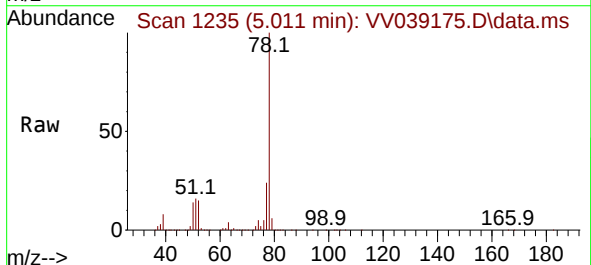
Acq: 25 Sep 2025 12:55

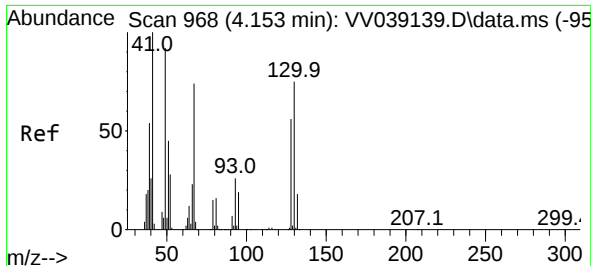
Tgt Ion: 78 Resp: 2259910

Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1

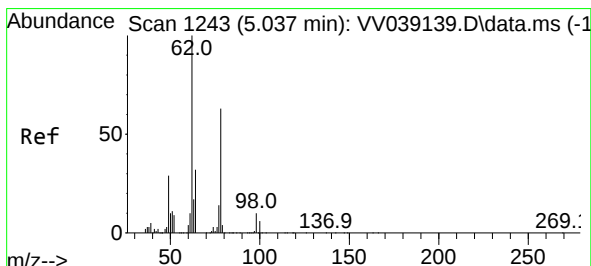
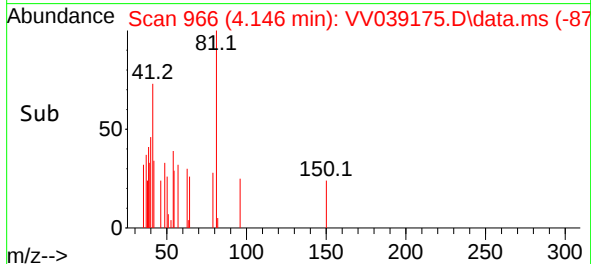
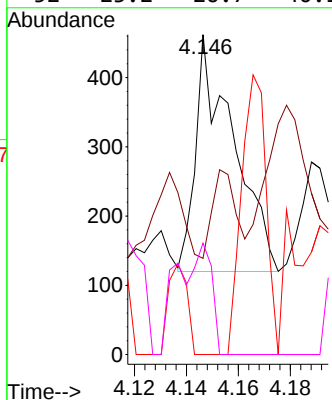
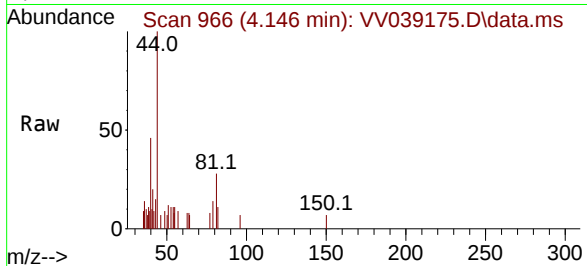




#41
Methacrylonitrile
Concen: 1.960 ug/l
RT: 4.146 min Scan# 90
Delta R.T. -0.007 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

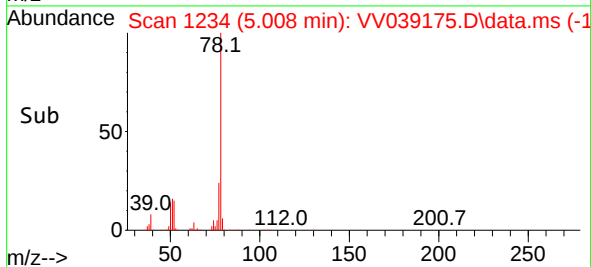
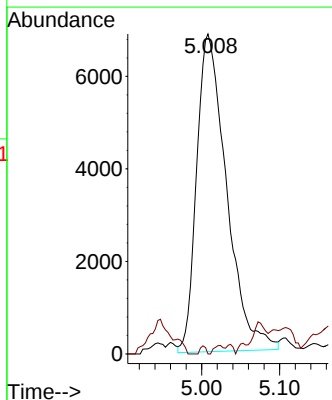
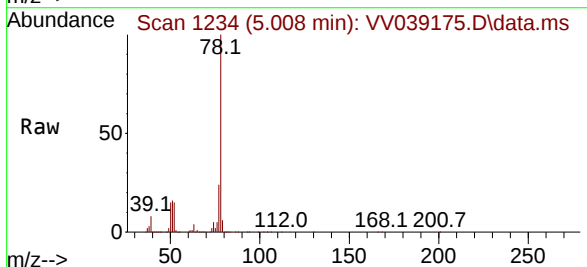
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

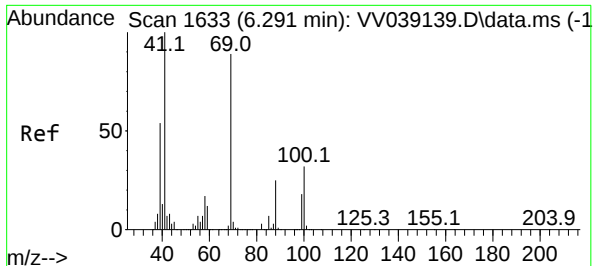
Tgt Ion:	41	Resp:	345
Ion	Ratio	Lower	Upper
41	100		
39	47.5	42.2	63.2
67	0.0	67.9	101.9#
52	23.2	26.7	40.1#



#42
1,2-Dichloroethane
Concen: 1.302 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. -0.029 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:	62	Resp:	18288
Ion	Ratio	Lower	Upper
62	100		
98	0.9	0.0	19.2





#48

Methyl methacrylate

Concen: 0.581 ug/l

RT: 6.285 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MW4DL

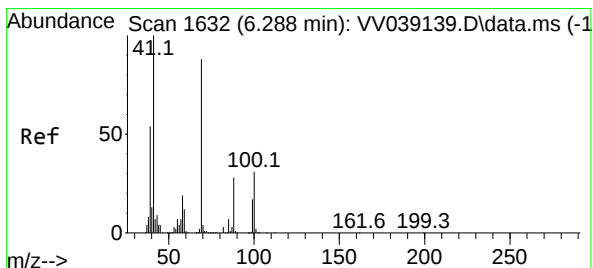
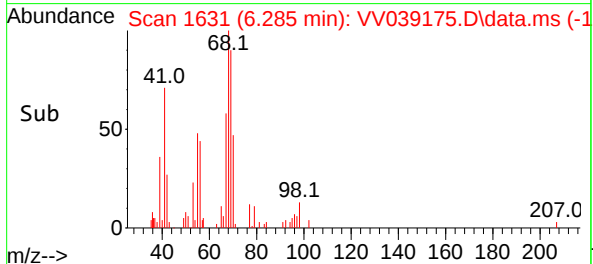
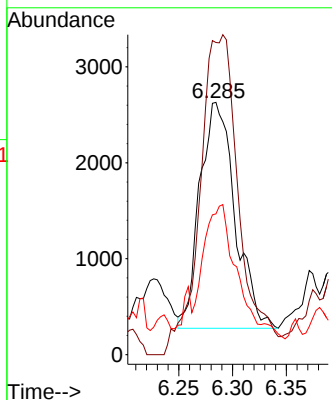
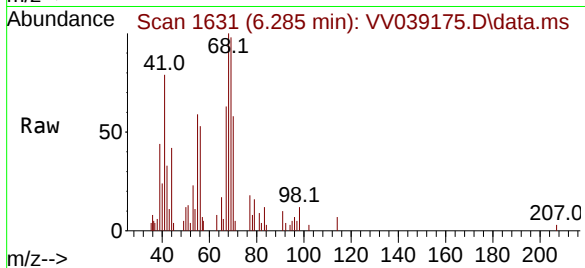
Tgt Ion: 41 Resp: 5366

Ion Ratio Lower Upper

41 100

69 157.2 72.4 108.6#

39 56.8 42.5 63.7



#49

1,4-Dioxane

Concen: 1.141 ug/l

RT: 6.262 min Scan# 1624

Delta R.T. -0.026 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

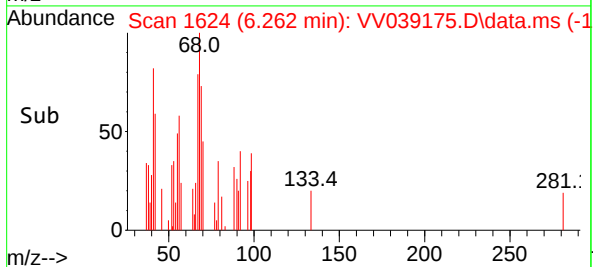
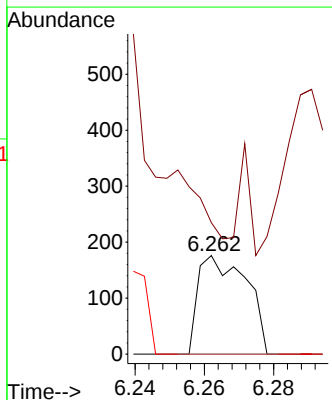
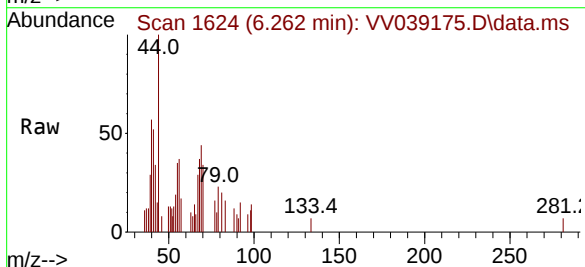
Tgt Ion: 88 Resp: 170

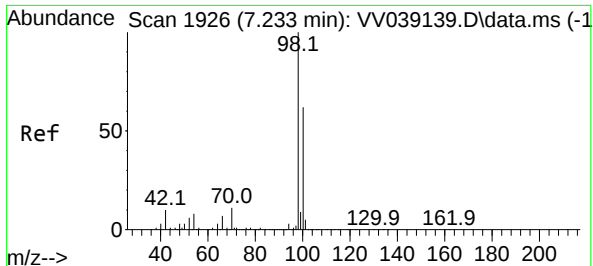
Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

58 0.0 53.6 80.4#

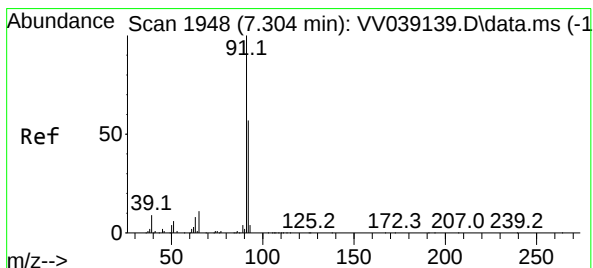
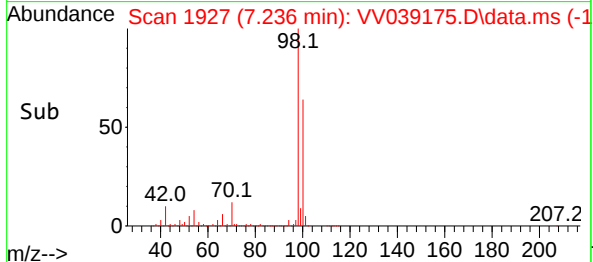
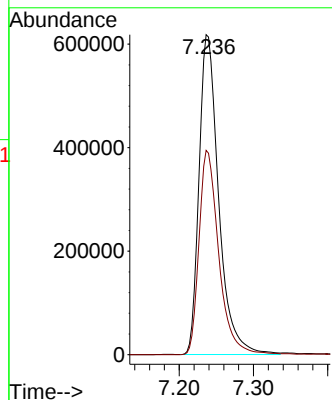
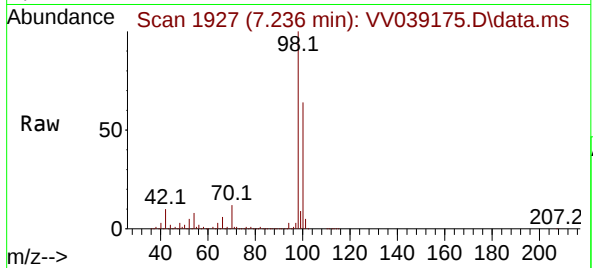




#50
Toluene-d8
Concen: 47.583 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

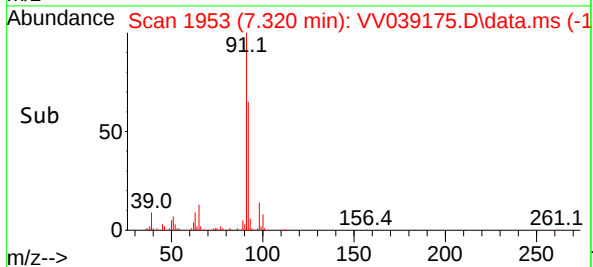
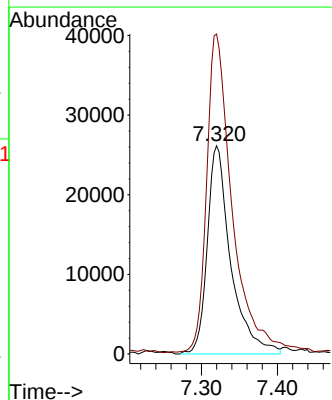
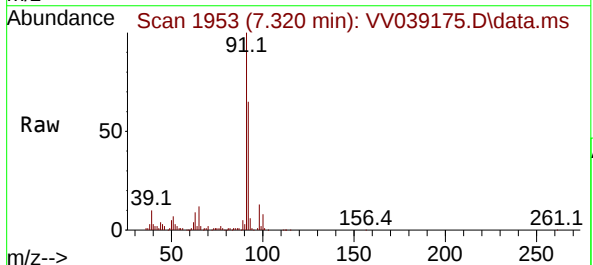
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

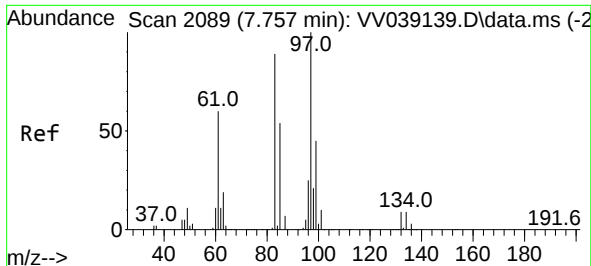
Tgt Ion: 98 Resp: 1138170
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#52
Toluene
Concen: 2.416 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.016 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 92 Resp: 56174
Ion Ratio Lower Upper
92 100
91 166.1 139.2 208.8

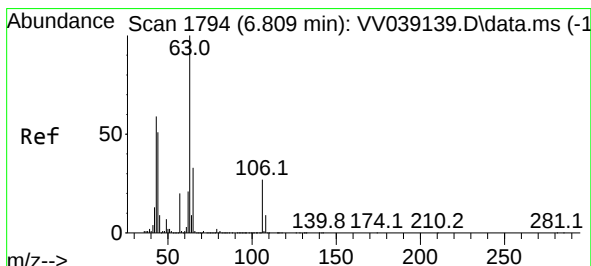
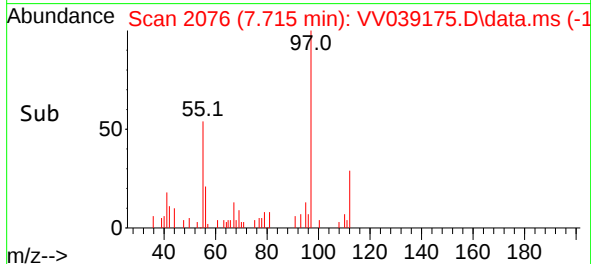
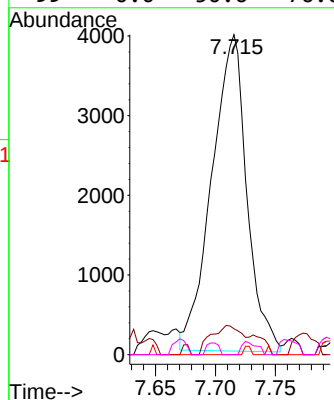
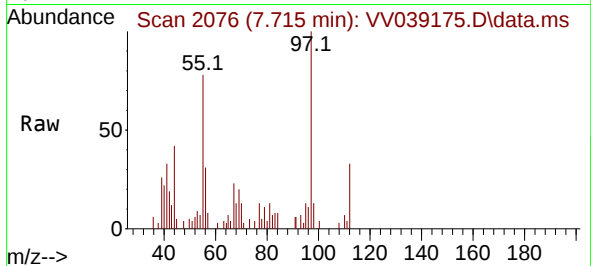




#55
1,1,2-Trichloroethane
Concen: 0.772 ug/l
RT: 7.715 min Scan# 2089
Delta R.T. -0.042 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

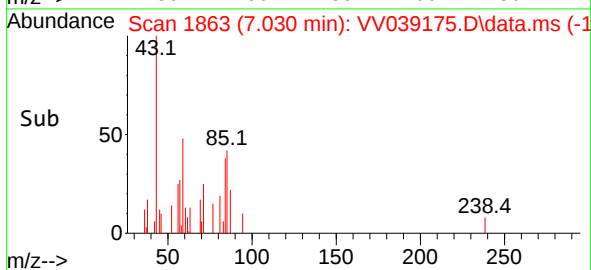
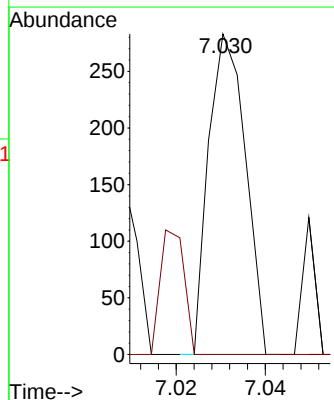
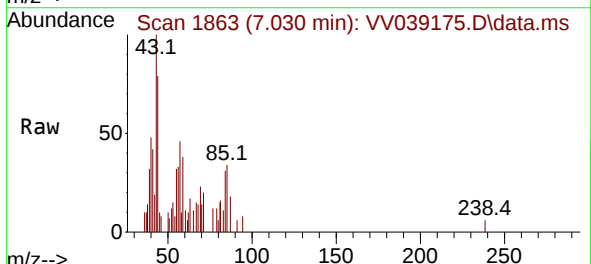
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

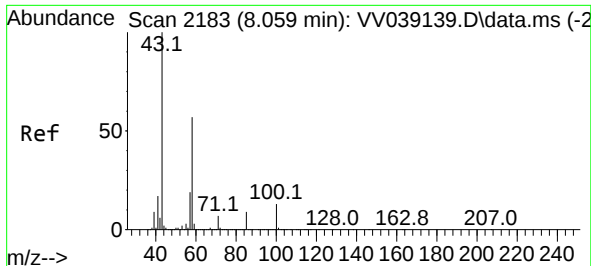
Tgt Ion: 97 Resp: 8046
Ion Ratio Lower Upper
97 100
83 8.3 71.1 106.7#
85 0.0 44.6 67.0#
99 0.0 50.6 76.0#



#58
2-Chloroethyl Vinyl ether
Concen: 9.645 ug/l
RT: 7.030 min Scan# 1863
Delta R.T. 0.221 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 63 Resp: 163
Ion Ratio Lower Upper
63 100
106 25.2 22.1 33.1

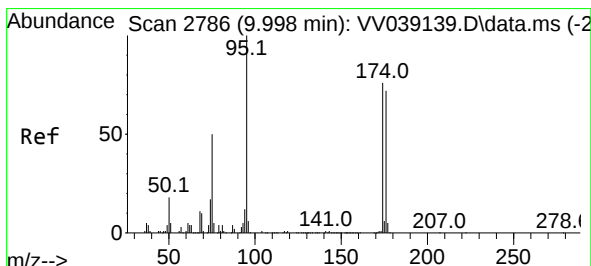
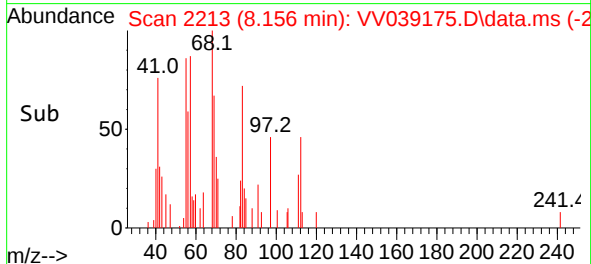
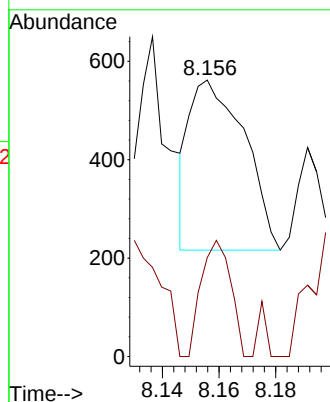
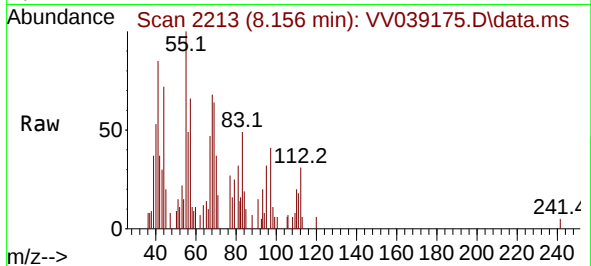




#59
2-Hexanone
Concen: 2.368 ug/l
RT: 8.156 min Scan# 2183
Delta R.T. 0.097 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

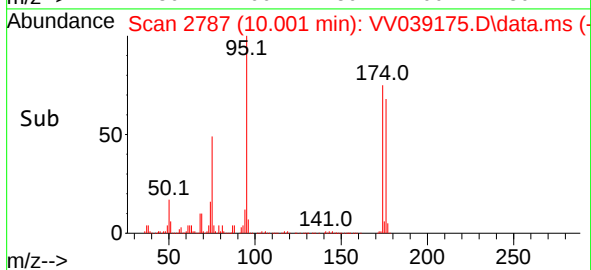
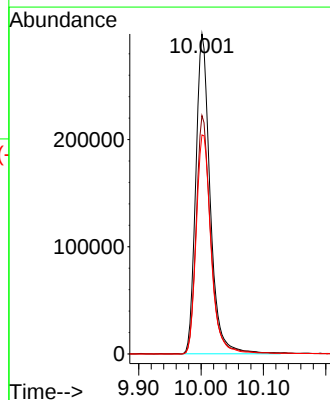
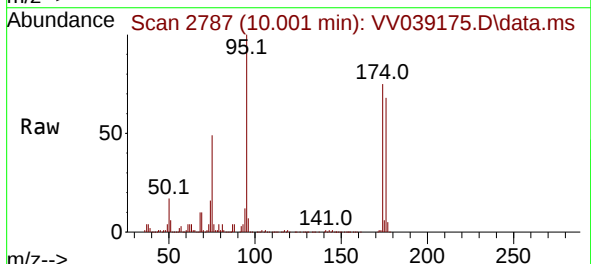
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

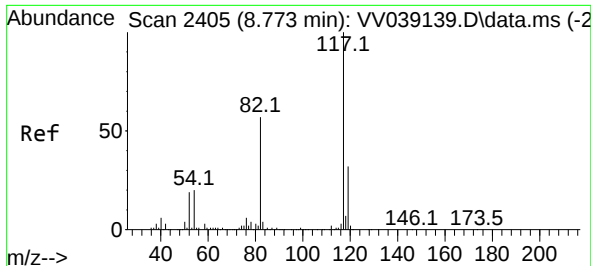
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
58 36.4 28.3 85.0



#62
4-Bromofluorobenzene
Concen: 48.512 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 95 Resp: 477707
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 70.8 0.0 144.2

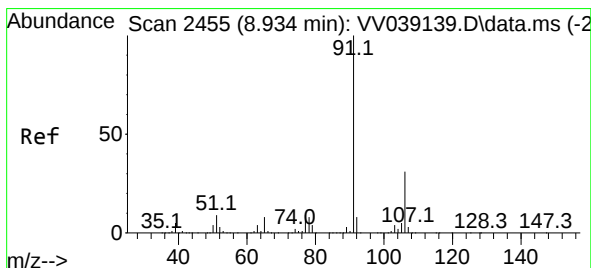
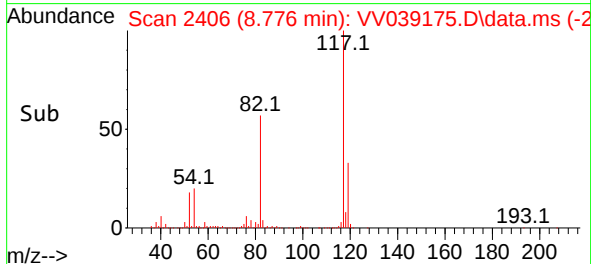
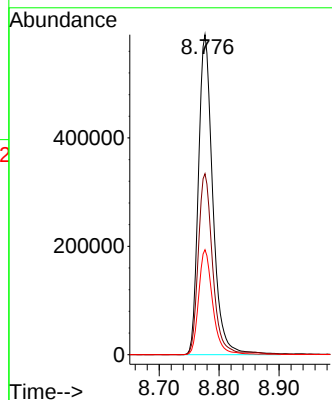
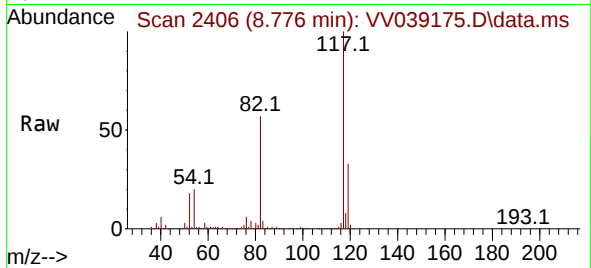




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

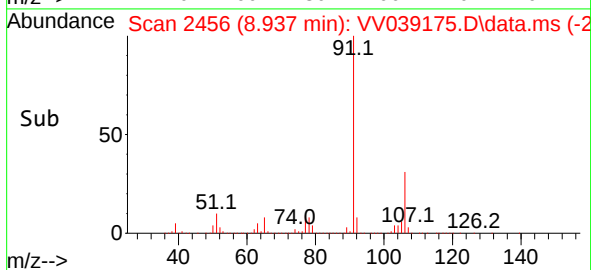
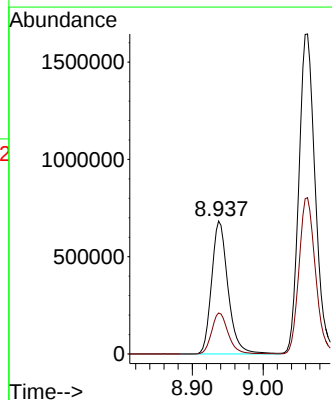
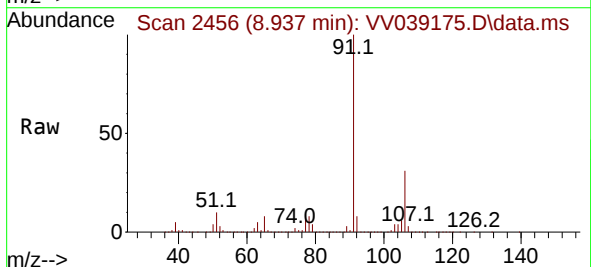
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

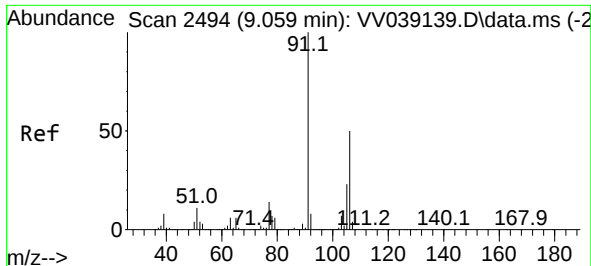
Tgt Ion:117 Resp: 987441
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.8 25.6 38.4



#67
Ethyl Benzene
Concen: 26.369 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 91 Resp: 1097863
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

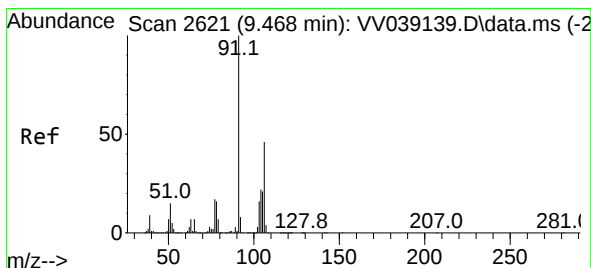
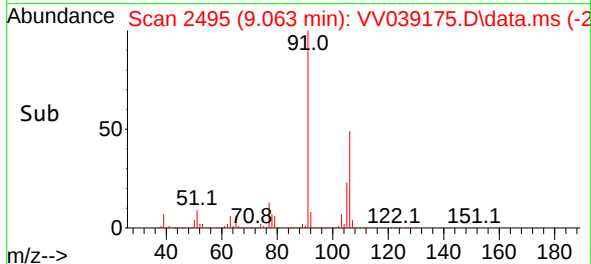
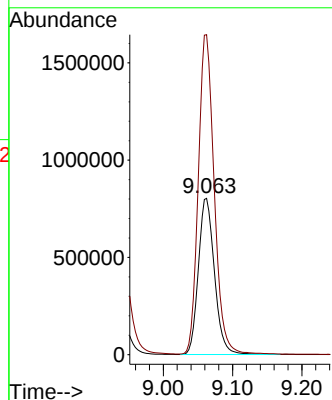
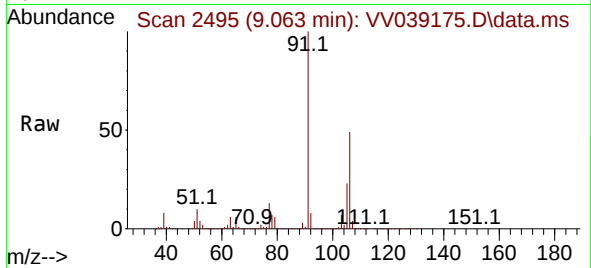




#68
m/p-Xylenes
Concen: 80.850 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

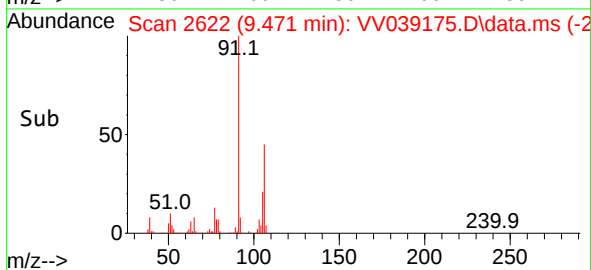
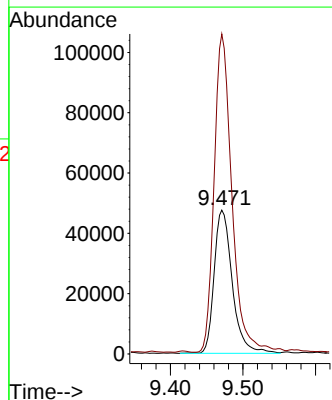
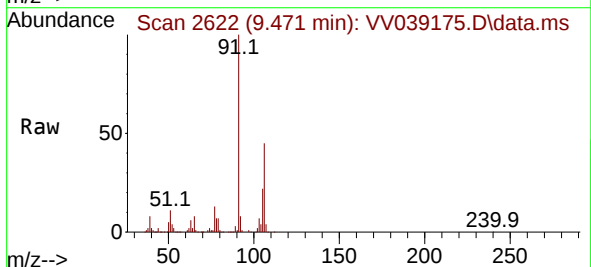
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

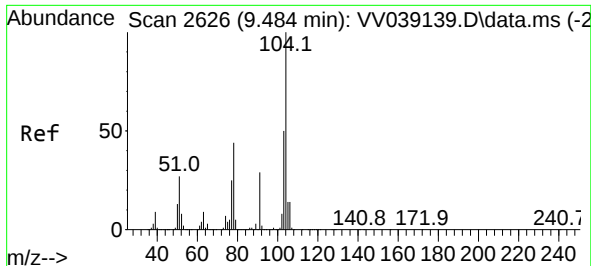
Tgt Ion:106 Resp: 1299190
Ion Ratio Lower Upper
106 100
91 202.8 162.5 243.7



#69
o-Xylene
Concen: 5.809 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:106 Resp: 82647
Ion Ratio Lower Upper
106 100
91 216.7 109.1 327.3

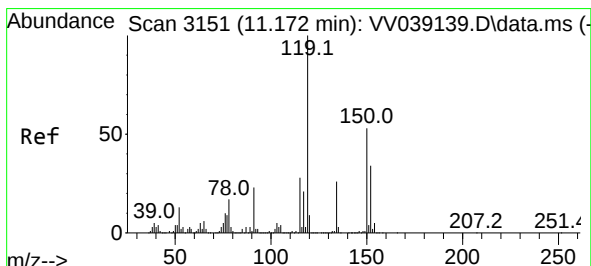
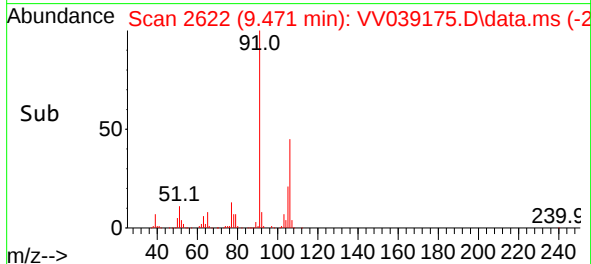
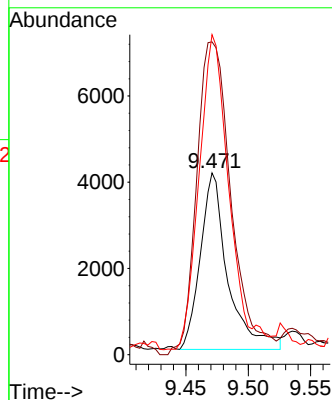
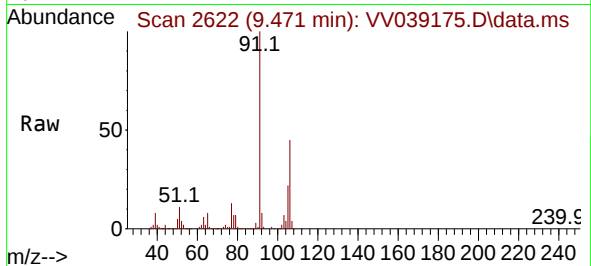




#70
Styrene
Concen: 1.762 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. -0.013 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

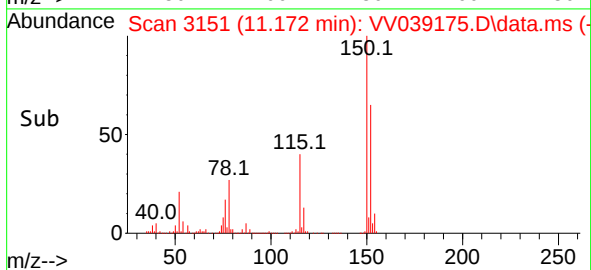
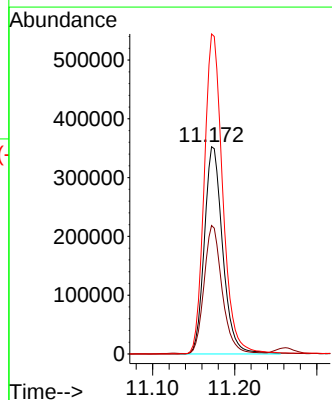
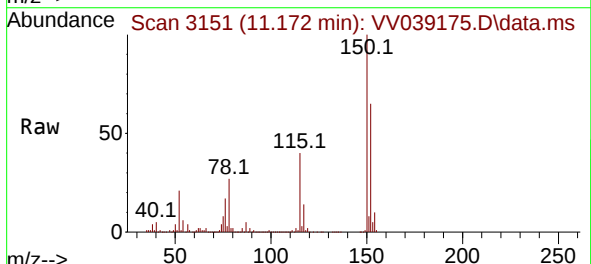
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

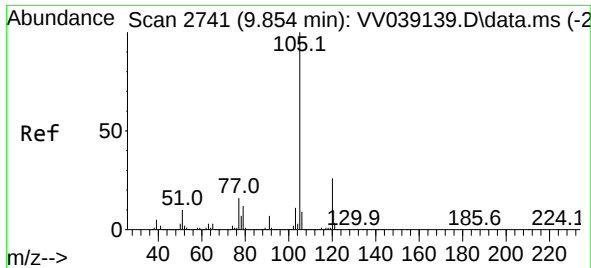
Tgt Ion:104 Resp: 6277
Ion Ratio Lower Upper
104 100
78 223.0 39.8 59.6#
103 187.8 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion:152 Resp: 548334
Ion Ratio Lower Upper
152 100
115 60.5 44.8 134.4
150 156.2 0.0 353.8

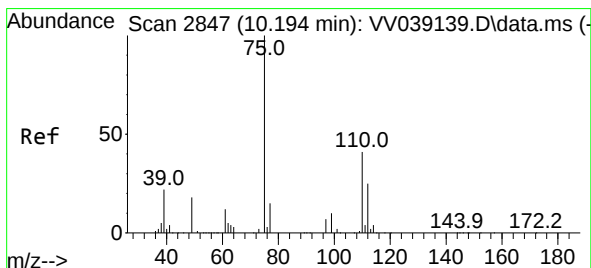
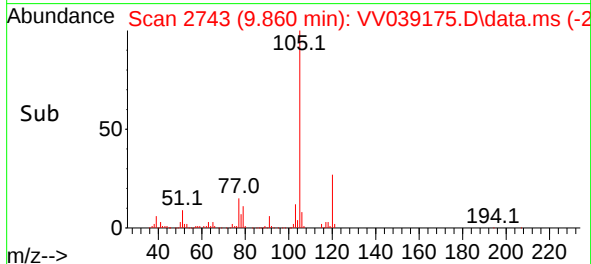
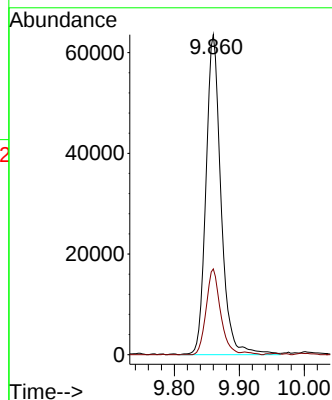
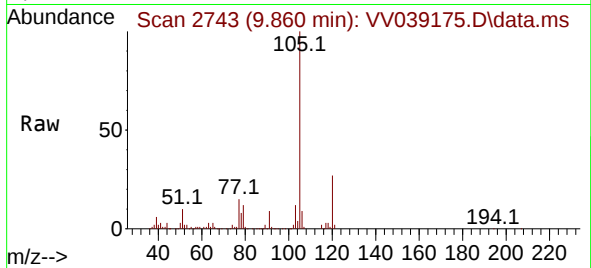




#73
Isopropylbenzene
Concen: 2.582 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

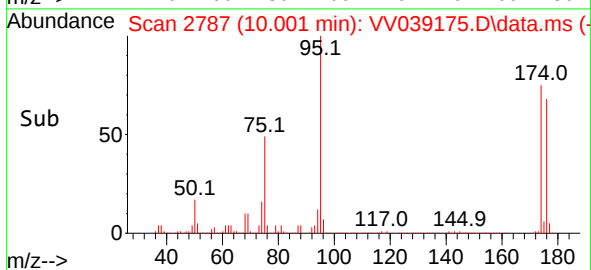
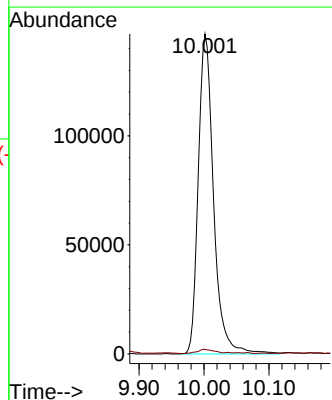
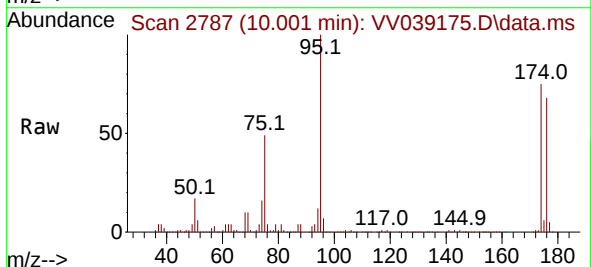
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

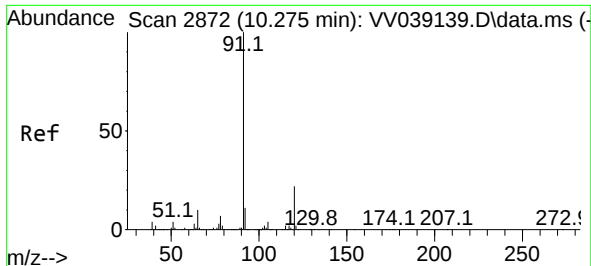
Tgt Ion:105 Resp: 102681
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#76
1,2,3-Trichloropropane
Concen: 19.270 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.193 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 75 Resp: 240582
Ion Ratio Lower Upper
75 100
77 1.4 11.3 33.8#

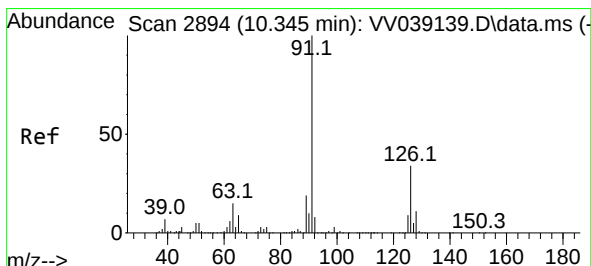
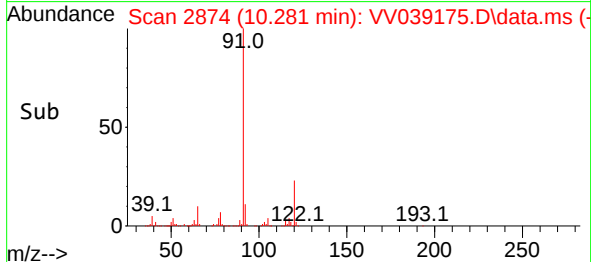
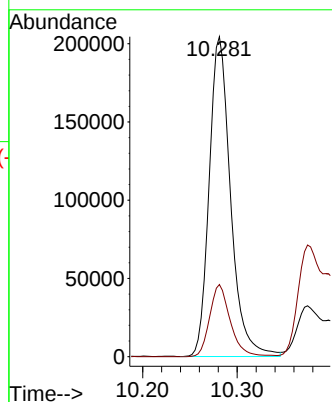
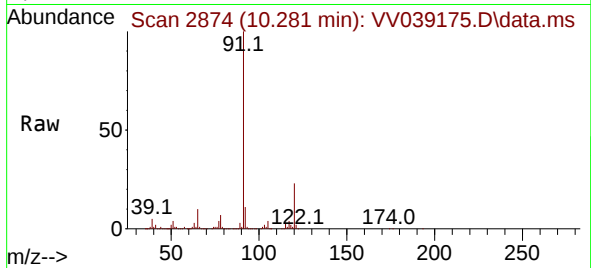




#78
n-propylbenzene
Concen: 6.642 ug/l
RT: 10.281 min Scan# 2903
Delta R.T. 0.006 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

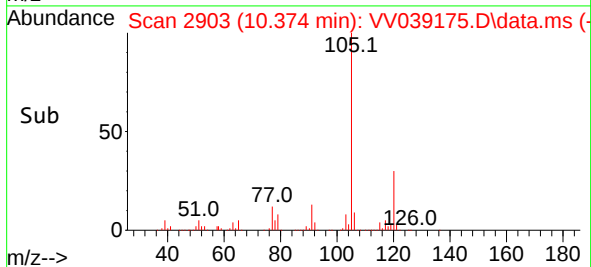
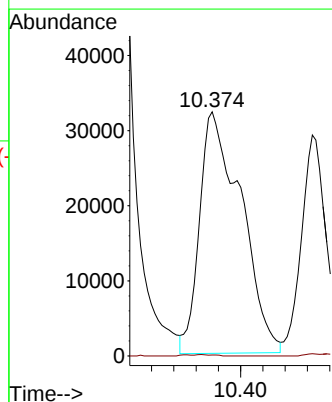
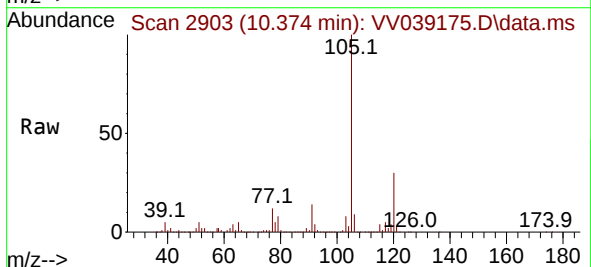
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

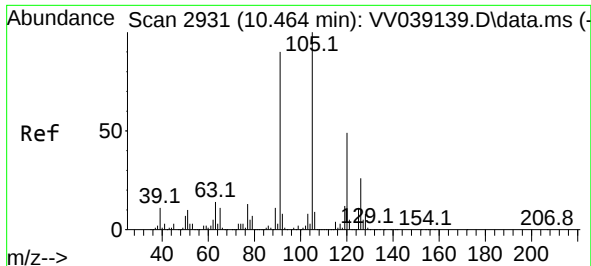
Tgt Ion: 91 Resp: 321661
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3



#79
2-Chlorotoluene
Concen: 2.872 ug/l
RT: 10.374 min Scan# 2903
Delta R.T. 0.029 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 91 Resp: 83242
Ion Ratio Lower Upper
91 100
126 0.3 16.7 50.0#

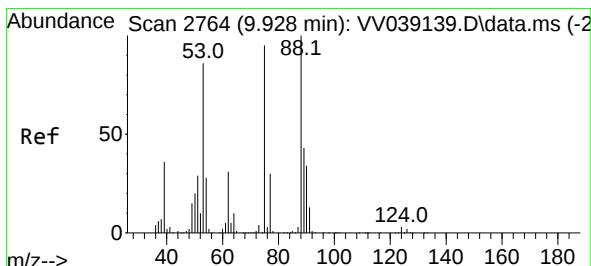
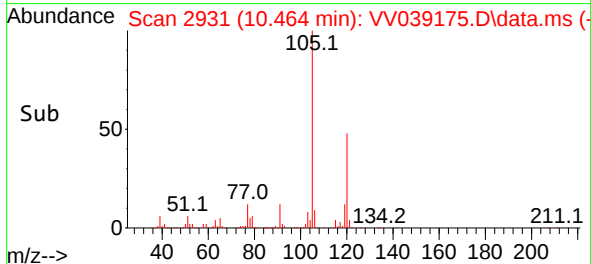
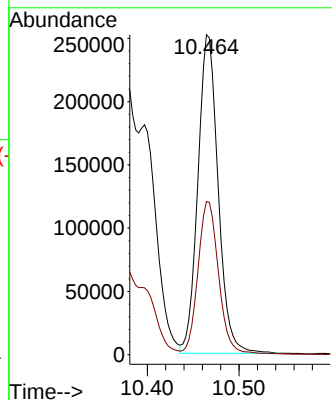
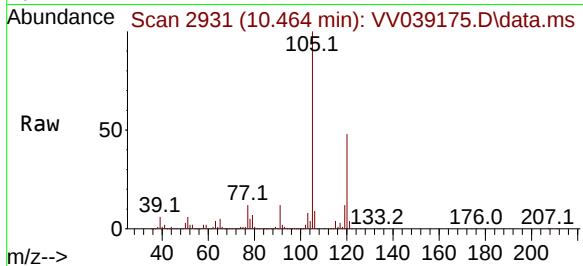




#80
 1,3,5-Trimethylbenzene
 Concen: 11.711 ug/l
 RT: 10.464 min Scan# 2931
 Delta R.T. -0.000 min
 Lab File: VV039175.D
 Acq: 25 Sep 2025 12:55

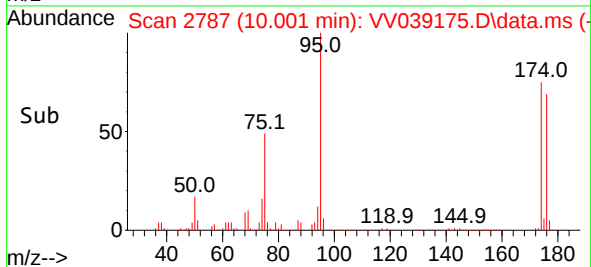
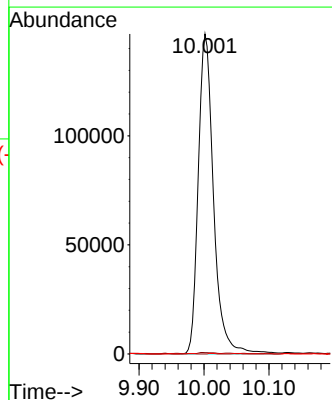
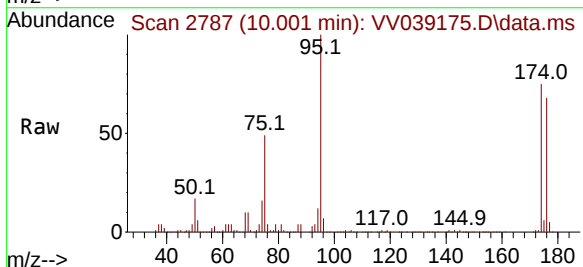
Instrument :
 MSVOA_V
 ClientSampleId :
 MW4DL

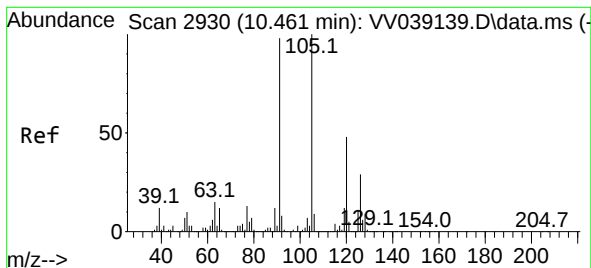
Tgt Ion:105 Resp: 387119
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.262 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.074 min
 Lab File: VV039175.D
 Acq: 25 Sep 2025 12:55

Tgt Ion: 75 Resp: 240582
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.5 108.7#
 89 0.1 37.2 55.8#





#82

4-Chlorotoluene

Concen: 1.351 ug/l

RT: 10.464 min Scan# 2930

Delta R.T. 0.003 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

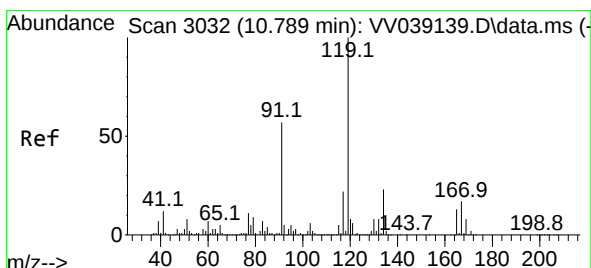
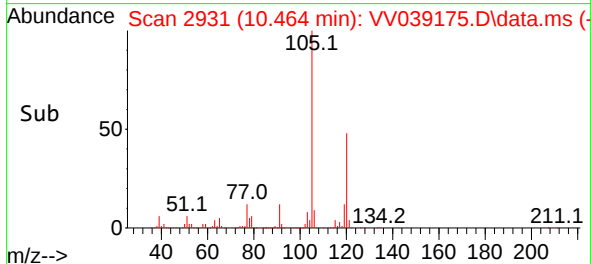
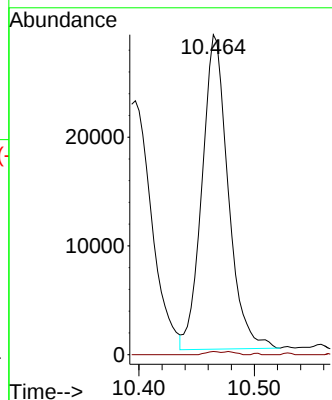
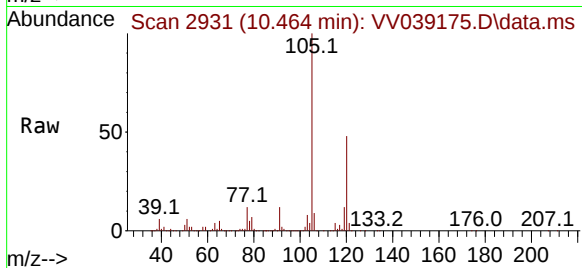
MW4DL

Tgt Ion: 91 Resp: 45399

Ion Ratio Lower Upper

91 100

126 0.5 14.5 43.6#



#83

tert-Butylbenzene

Concen: 4.605 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.051 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

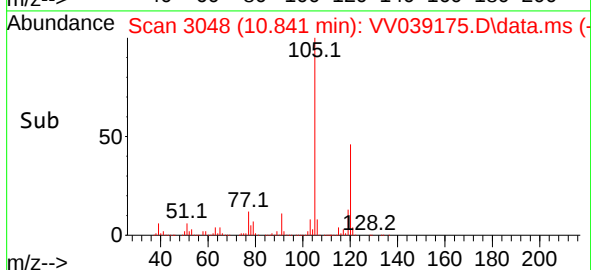
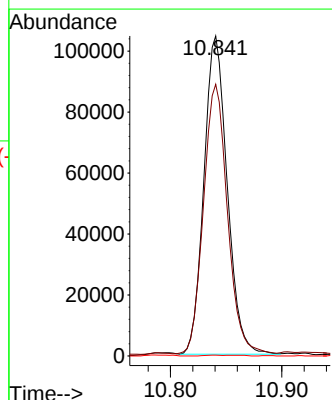
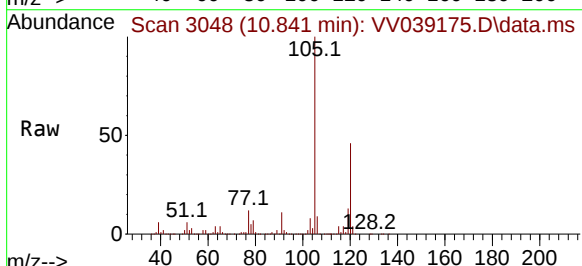
Tgt Ion: 119 Resp: 151792

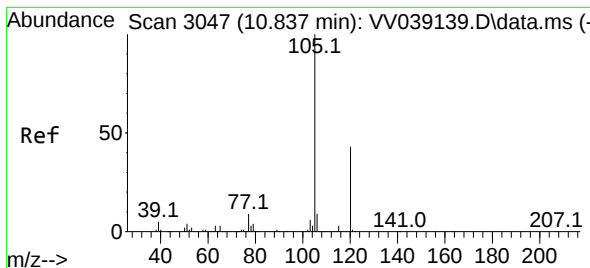
Ion Ratio Lower Upper

119 100

91 86.8 28.5 85.6#

134 0.2 11.5 34.4#





#84

1,2,4-Trimethylbenzene

Concen: 37.710 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

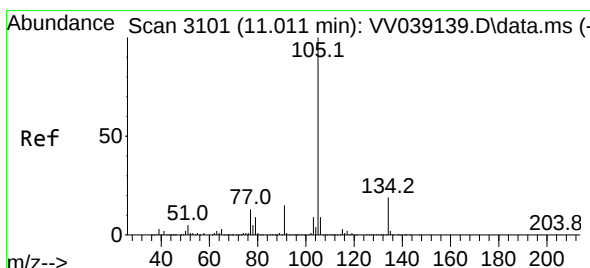
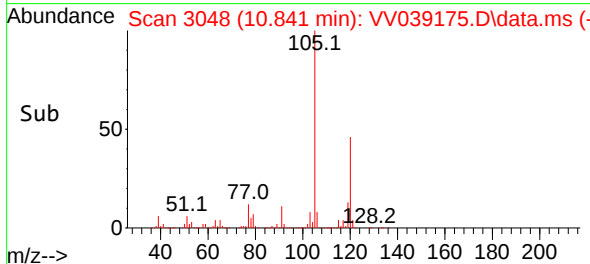
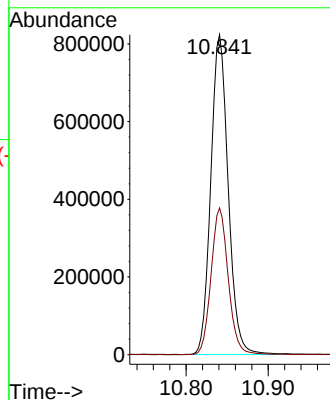
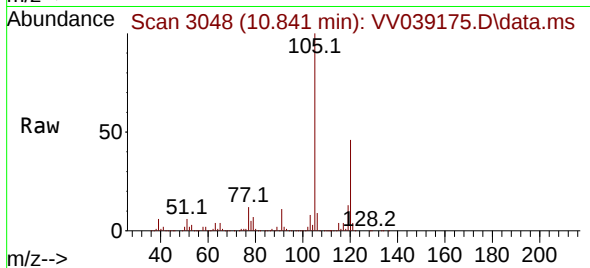
MW4DL

Tgt Ion:105 Resp: 1210229

Ion Ratio Lower Upper

105 100

120 45.3 22.4 67.2



#85

sec-Butylbenzene

Concen: 27.679 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. -0.170 min

Lab File: VV039175.D

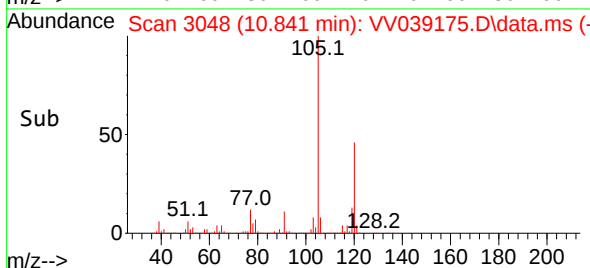
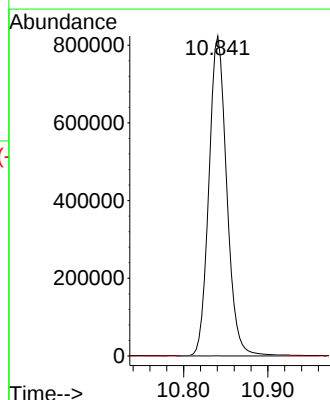
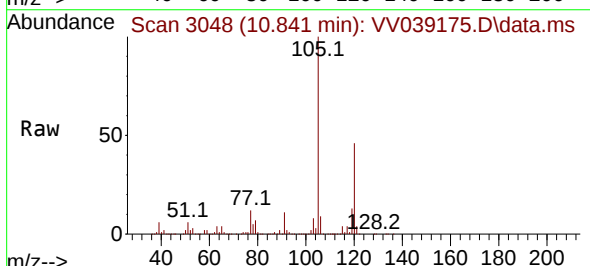
Acq: 25 Sep 2025 12:55

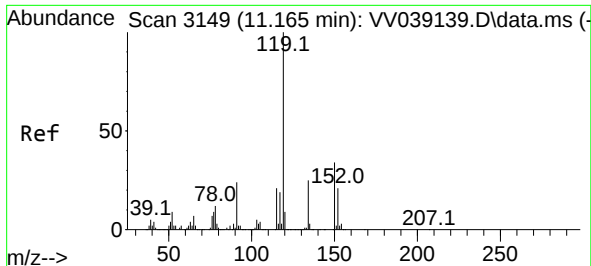
Tgt Ion:105 Resp: 1210142

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.8#

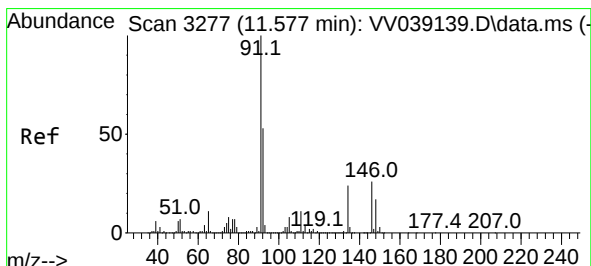
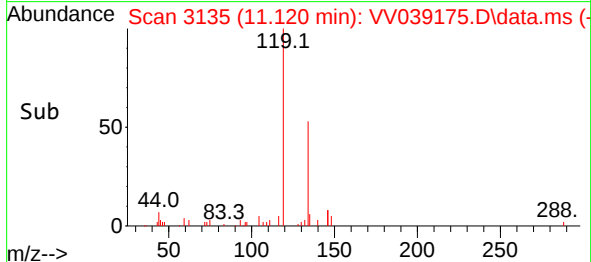
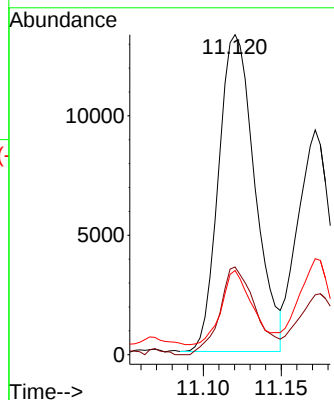
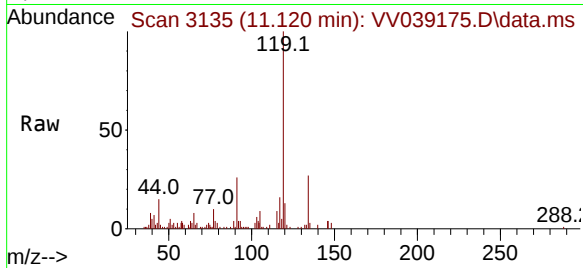




#86
p-Isopropyltoluene
Concen: 0.592 ug/l
RT: 11.120 min Scan# 3149
Delta R.T. -0.045 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

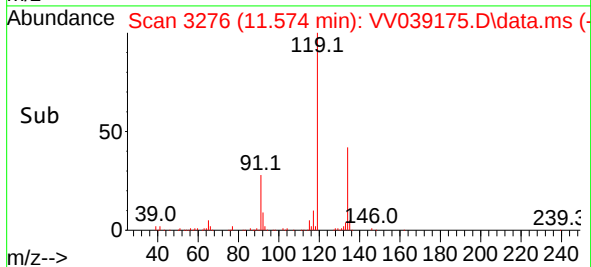
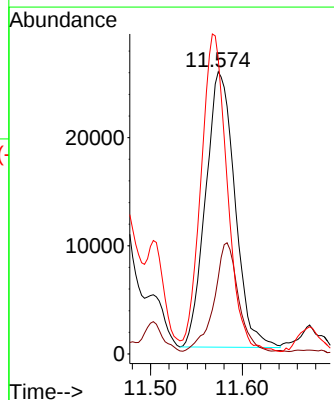
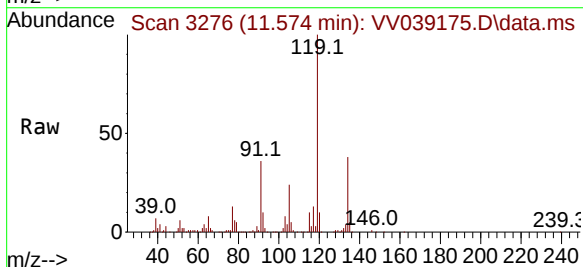
Instrument :
MSVOA_V
ClientSampleId :
MW4DL

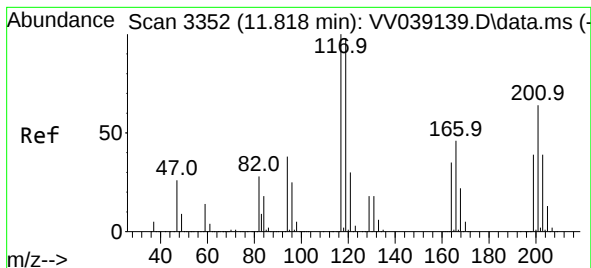
Tgt Ion: 119 Resp: 21548
Ion Ratio Lower Upper
119 100
134 27.2 12.7 38.0
91 19.3 12.0 36.1



#89
n-Butylbenzene
Concen: 1.624 ug/l
RT: 11.574 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VV039175.D
Acq: 25 Sep 2025 12:55

Tgt Ion: 91 Resp: 56450
Ion Ratio Lower Upper
91 100
92 32.9 26.6 79.8
134 103.4 12.1 36.3#





#90

Hexachloroethane

Concen: 1.010 ug/l

RT: 11.841 min Scan# 31

Delta R.T. 0.023 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

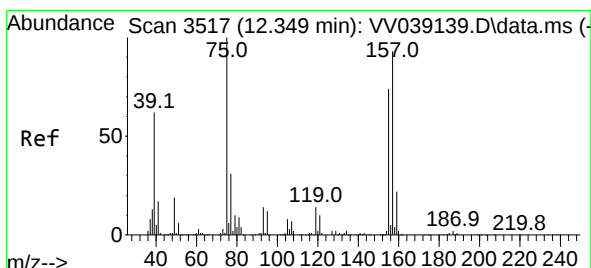
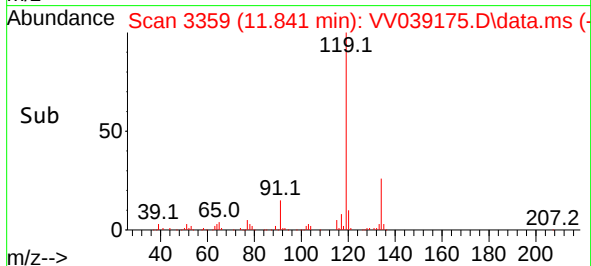
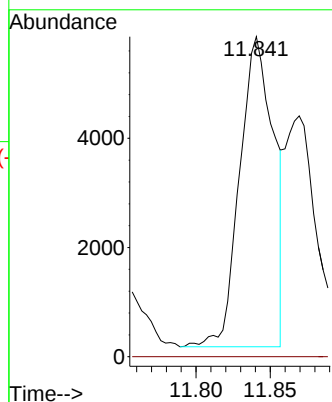
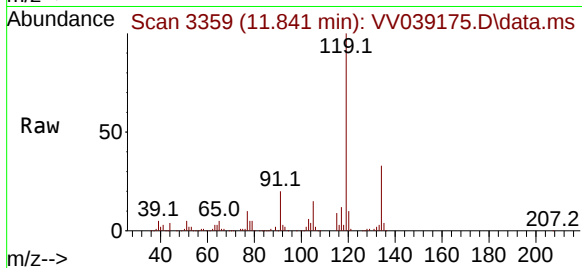
MW4DL

Tgt Ion:117 Resp: 9049

Ion Ratio Lower Upper

117 100

201 0.0 32.3 96.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 12.339 min Scan# 3514

Delta R.T. -0.010 min

Lab File: VV039175.D

Acq: 25 Sep 2025 12:55

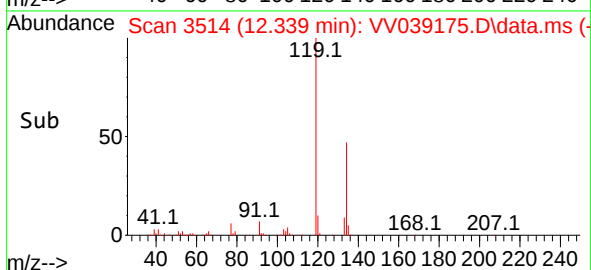
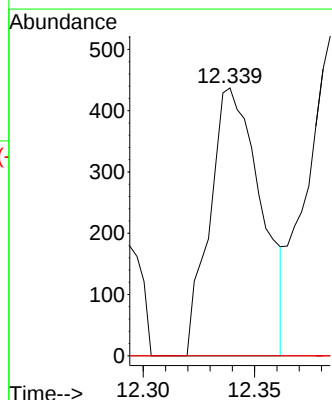
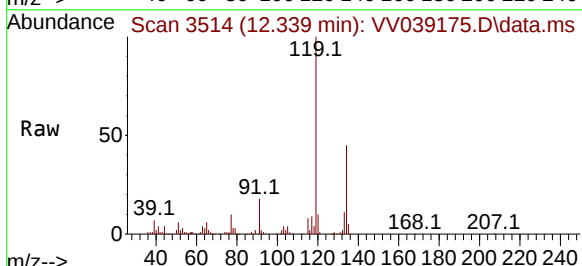
Tgt Ion: 75 Resp: 698

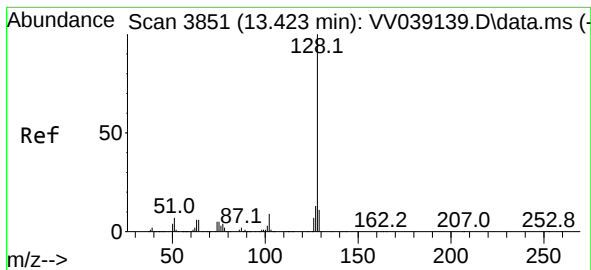
Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 49.5 148.3#





#95

Naphthalene

Concen: 6.885 ug/l

RT: 13.429 min Scan# 3853

Delta R.T. 0.006 min

Lab File: VV039175.D

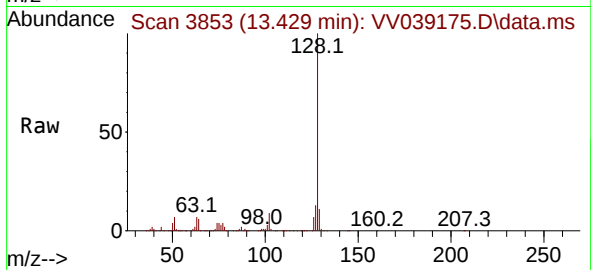
Acq: 25 Sep 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MW4DL



Tgt Ion:128 Resp: 248885

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0

