

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW100325\
 Data File : VW039260.D
 Acq On : 03 Oct 2025 19:11
 Operator : SY/MD
 Sample : Q3201-05 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW1

Quant Time: Oct 04 01:16:38 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	460794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	745054	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	788166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	431237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	327302	49.078	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.160%
35) Dibromofluoromethane	4.503	113	314297	52.473	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	104.940%
50) Toluene-d8	7.236	98	847595	48.182	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.360%
62) 4-Bromofluorobenzene	10.001	95	394965	54.538	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	109.080%

Target Compounds				Qvalue		
6) Chloroethane	1.558	64	234	Below Cal	#	44
11) Tert butyl alcohol	2.571	59	53153	37.710	ug/l	96
13) Acrolein	1.989	56	43242	176.799	ug/l	# 1
14) Allyl chloride	2.442	41	71597	5.769	ug/l	# 39
15) Acrylonitrile	2.709	53	4728	1.046	ug/l	# 20
16) Acetone	2.095	43	46311	6.369	ug/l	# 52
18) Methyl Acetate	2.394	43	2757	0.279	ug/l	# 68
19) Methyl tert-butyl Ether	2.716	73	159246	7.193	ug/l	# 20
20) Methylene Chloride	2.455	84	7180	Below Cal	#	49
23) Vinyl Acetate	3.201	43	9932	0.478	ug/l	# 72
28) Bromochloromethane	4.365	49	1943	0.303	ug/l	# 14
30) Chloroform	4.304	83	4517	0.298	ug/l	# 28
31) Cyclohexane	4.584	56	122869	10.330	ug/l	96
36) 1,1-Dichloropropene	4.600	75	37145	4.102	ug/l	# 45
38) Carbon Tetrachloride	4.603	117	49412	4.465	ug/l	# 15
39) Methylcyclohexane	6.050	83	49513	4.528	ug/l	94
40) Benzene	5.008	78	1484078	50.327	ug/l	99
41) Methacrylonitrile	4.368	41	65291	14.550	ug/l	# 1
42) 1,2-Dichloroethane	5.008	62	11773	1.139	ug/l	97
43) Isopropyl Acetate	5.124	43	38918	2.598	ug/l	# 62
47) Bromodichloromethane	6.481	83	7615	0.657	ug/l	# 26
48) Methyl methacrylate	6.291	41	3890	0.573	ug/l	# 11
49) 1,4-Dioxane	6.268	88	49	0.447	ug/l	# 25
51) 4-Methyl-2-Pentanone	7.169	43	8923	0.905	ug/l	95
52) Toluene	7.310	92	305782	17.884	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.818	63	80	9.638	ug/l	# 12
59) 2-Hexanone	8.095	43	44182	7.827	ug/l	75
67) Ethyl Benzene	8.934	91	4506911	135.620	ug/l	98
68) m/p-Xylenes	9.059	106	2556288	199.301	ug/l	99
69) o-Xylene	9.471	106	57411	5.055	ug/l	98
70) Styrene	9.468	104	5455	1.780	ug/l	# 1
73) Isopropylbenzene	9.857	105	1468865	46.962	ug/l	99
74) N-amyl acetate	9.754	43	5558	0.445	ug/l	# 67
76) 1,2,3-Trichloropropane	10.278	75	13530	1.378	ug/l	# 1
78) n-propylbenzene	10.278	91	2152668	56.517	ug/l	99
79) 2-Chlorotoluene	10.397	91	78751	3.455	ug/l	# 41

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 Quant Title : SW846 8260
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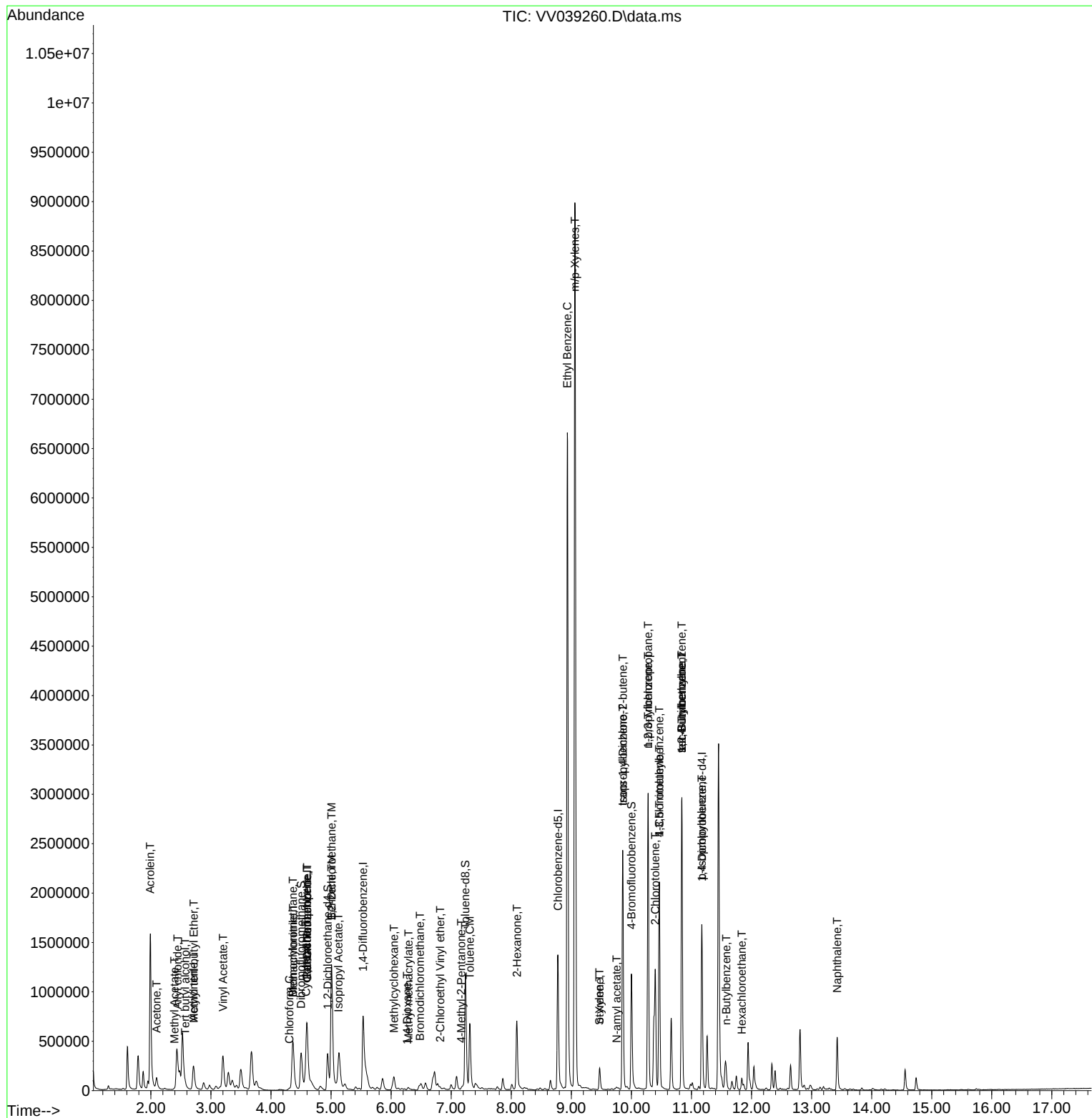
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	10.464	105	1114223	42.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.857	75	17545	4.290	ug/l #	62
82) 4-Chlorotoluene	10.464	91	121650	4.603	ug/l #	46
83) tert-Butylbenzene	10.841	119	198713	7.665	ug/l #	57
84) 1,2,4-Trimethylbenzene	10.841	105	1578717	62.549	ug/l	100
85) sec-Butylbenzene	10.841	105	1578717	45.914	ug/l #	58
86) p-Isopropyltoluene	11.172	119	10332	0.361	ug/l #	68
89) n-Butylbenzene	11.580	91	73402	2.686	ug/l #	43
90) Hexachloroethane	11.841	117	6114	0.868	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	12.342	75	1612	Below Cal	#	5
95) Naphthalene	13.426	128	434653	15.289	ug/l	99

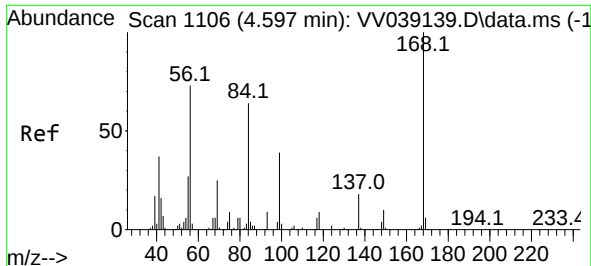
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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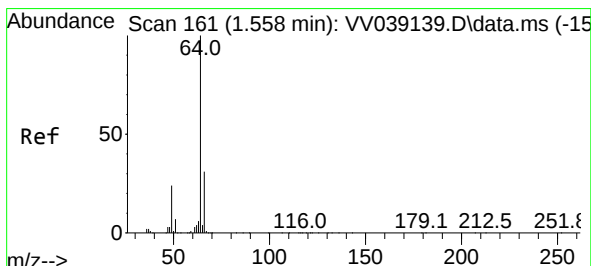
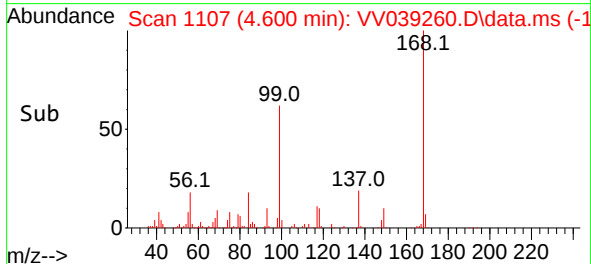
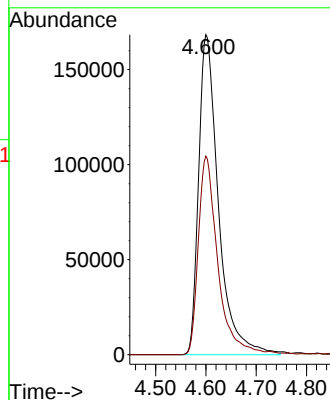
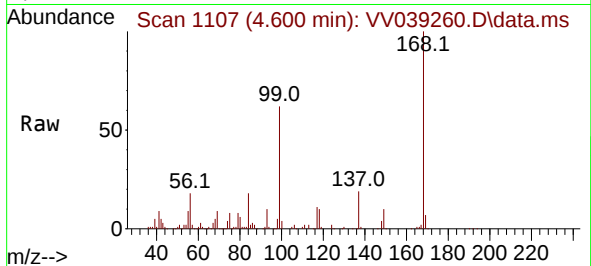




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039260.D
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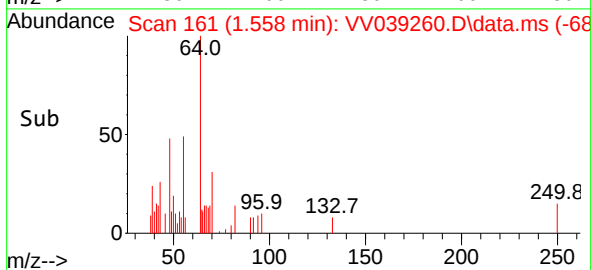
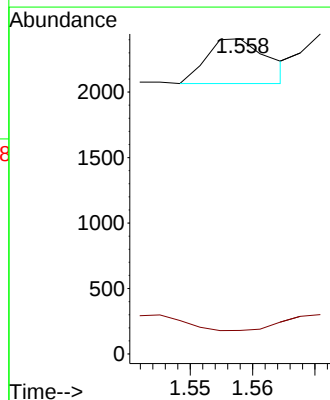
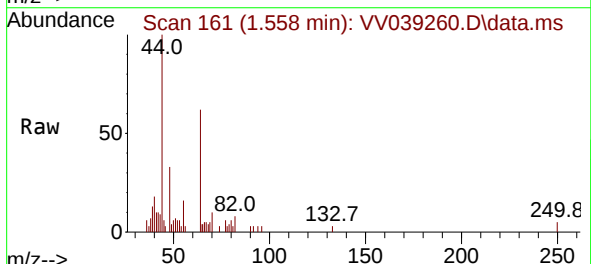
Instrument :
MSVOA_V
ClientSampleId :
MW1

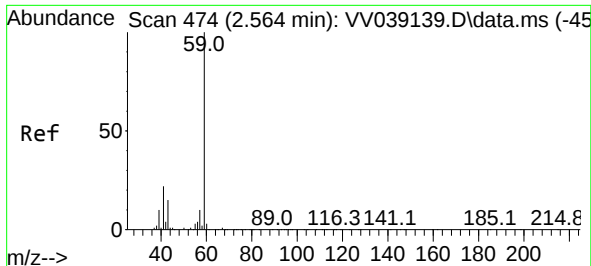
Tgt Ion:168 Resp: 460794
Ion Ratio Lower Upper
168 100
99 62.0 49.6 74.4



#6
Chloroethane
Concen: Below Cal
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 64 Resp: 234
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

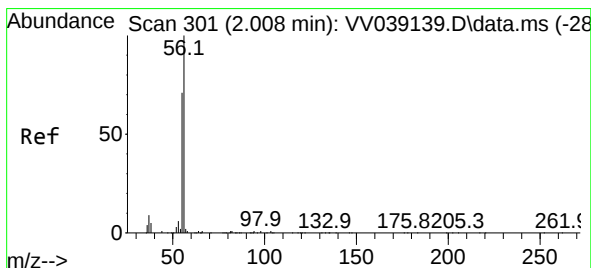
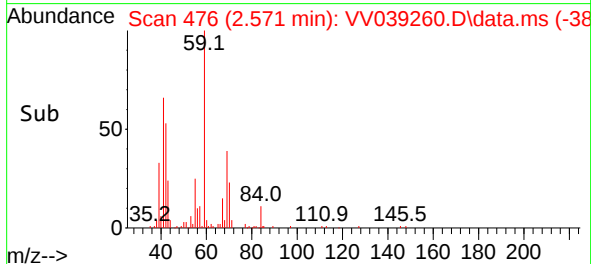
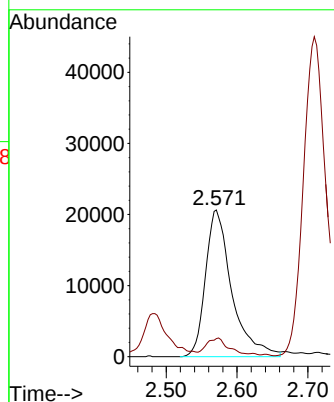
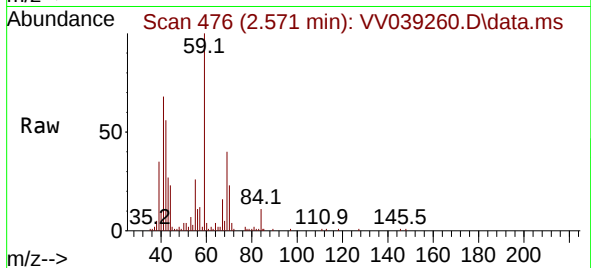




#11
Tert butyl alcohol
Concen: 37.710 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

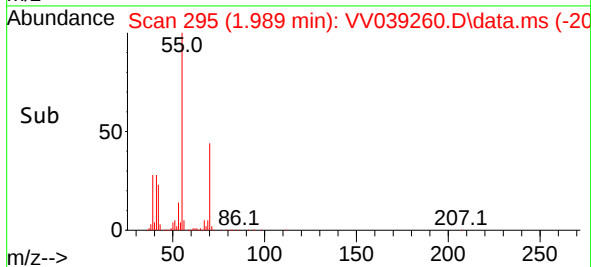
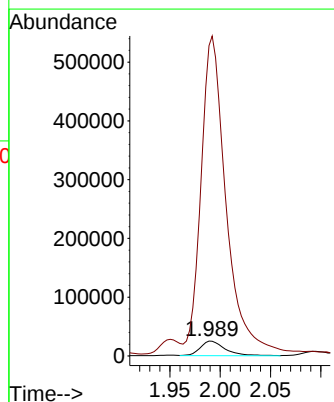
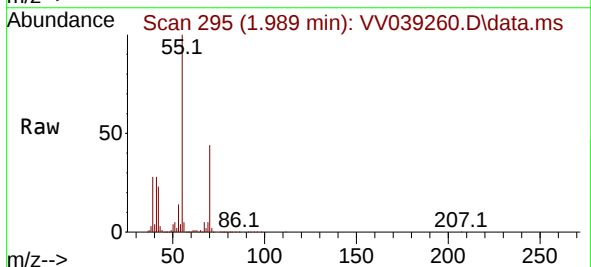
Instrument :
MSVOA_V
ClientSampleId :
MW1

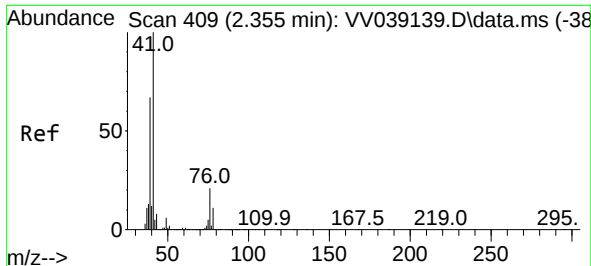
Tgt Ion: 59 Resp: 53153
Ion Ratio Lower Upper
59 100
57 8.3 7.8 11.8



#13
Acrolein
Concen: 176.799 ug/l
RT: 1.989 min Scan# 295
Delta R.T. -0.019 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 56 Resp: 43242
Ion Ratio Lower Upper
56 100
55 2133.3 56.2 84.4#

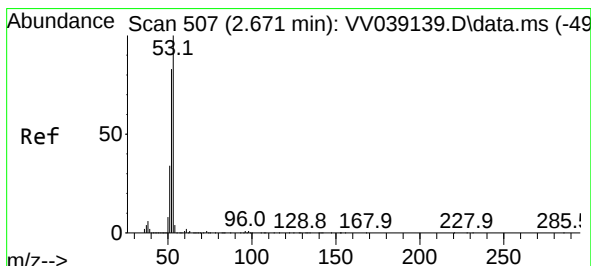
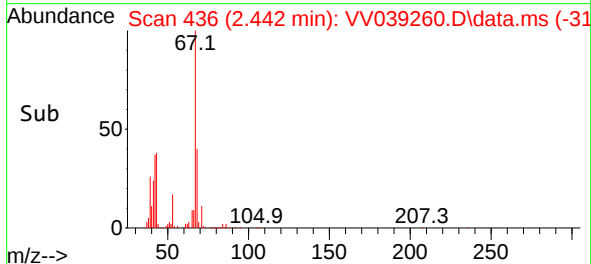
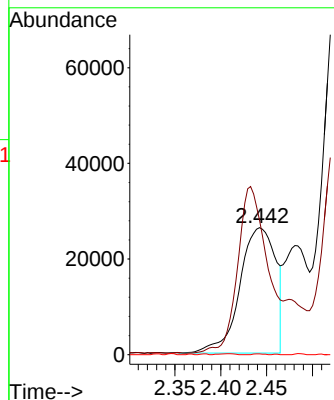
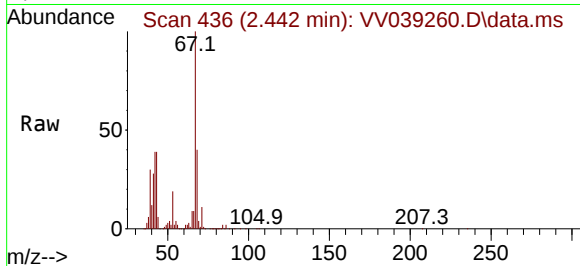




#14
 Allyl chloride
 Concen: 5.769 ug/l
 RT: 2.442 min Scan# 41
 Delta R.T. 0.087 min
 Lab File: VV039260.D
 Acq: 03 Oct 2025 19:11

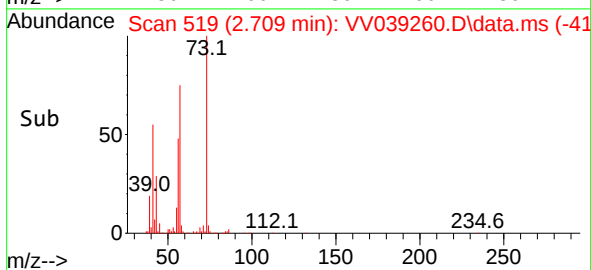
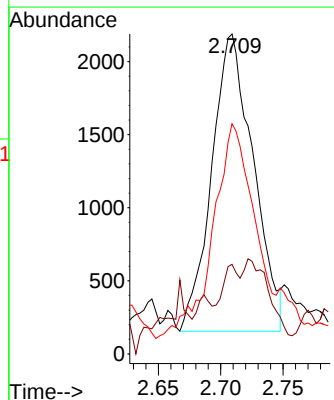
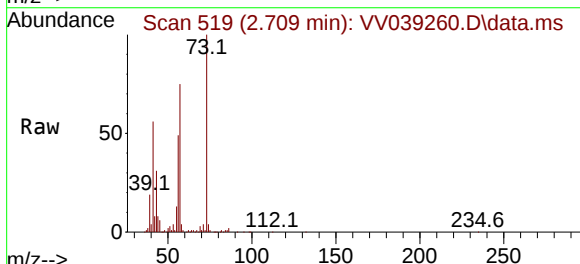
Instrument :
 MSVOA_V
 ClientSampleId :
 MW1

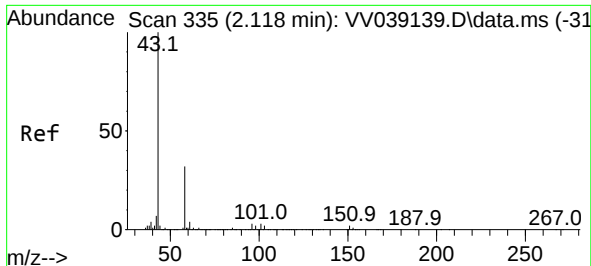
Tgt Ion: 41 Resp: 71597
 Ion Ratio Lower Upper
 41 100
 39 111.5 51.0 76.6#
 76 0.2 28.2 42.4#



#15
 Acrylonitrile
 Concen: 1.046 ug/l
 RT: 2.709 min Scan# 519
 Delta R.T. 0.039 min
 Lab File: VV039260.D
 Acq: 03 Oct 2025 19:11

Tgt Ion: 53 Resp: 4728
 Ion Ratio Lower Upper
 53 100
 52 4.7 66.1 99.1#
 51 72.3 28.5 42.7#

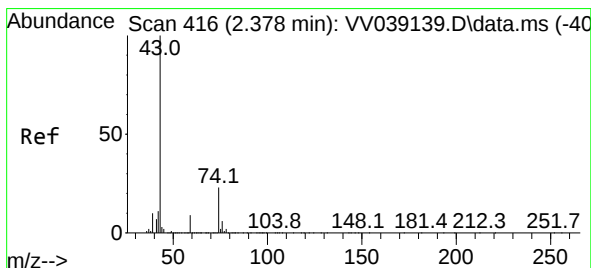
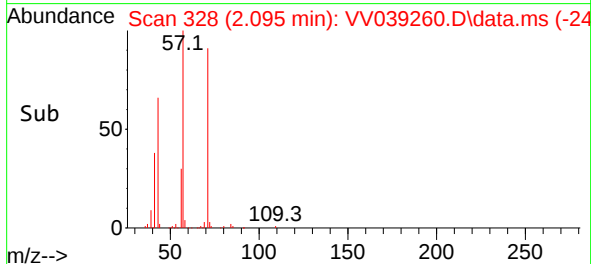
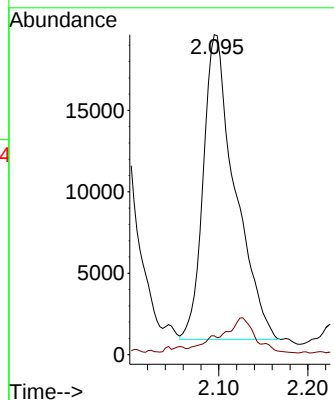
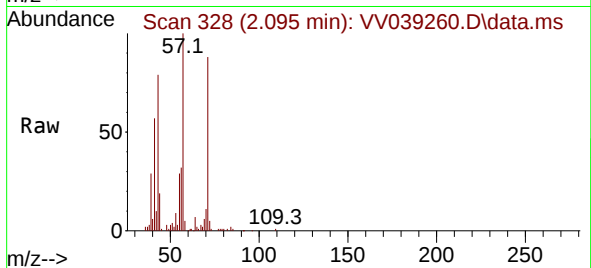




#16
Acetone
Concen: 6.369 ug/l
RT: 2.095 min Scan# 31
Delta R.T. -0.023 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

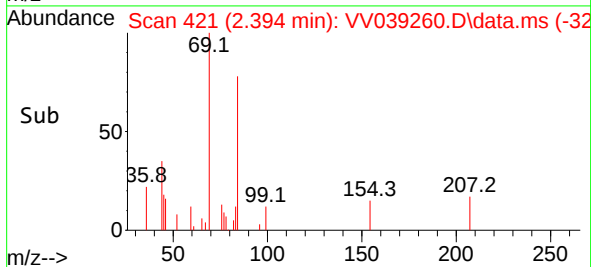
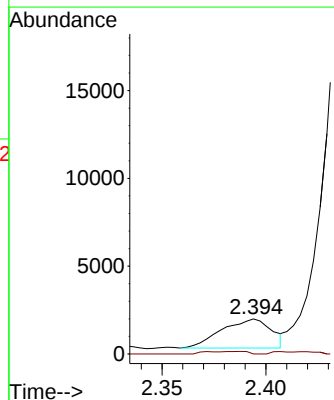
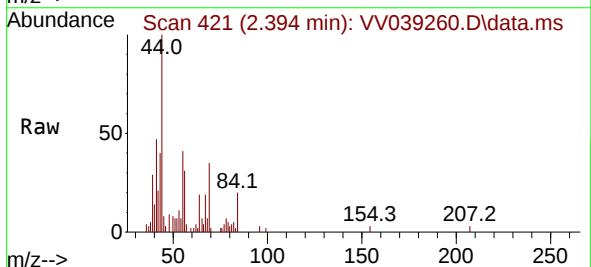
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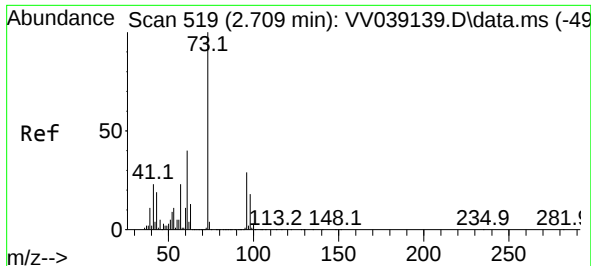
Tgt Ion: 43 Resp: 46311
Ion Ratio Lower Upper
43 100
58 5.1 25.8 38.6#



#18
Methyl Acetate
Concen: 0.279 ug/l
RT: 2.394 min Scan# 421
Delta R.T. 0.016 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 43 Resp: 2757
Ion Ratio Lower Upper
43 100
74 7.4 18.6 27.8#

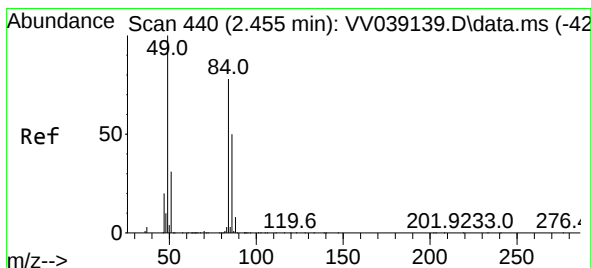
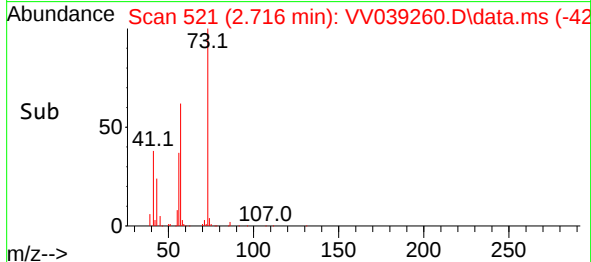
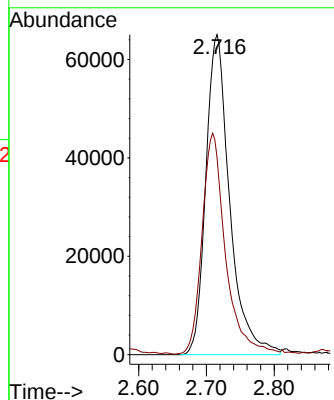
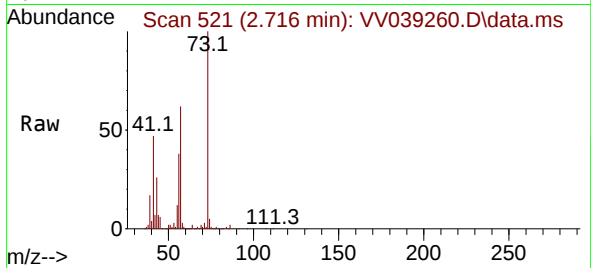




#19
Methyl tert-butyl Ether
Concen: 7.193 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

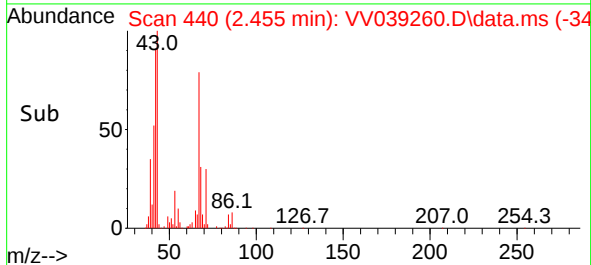
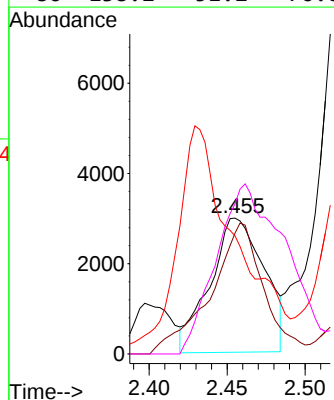
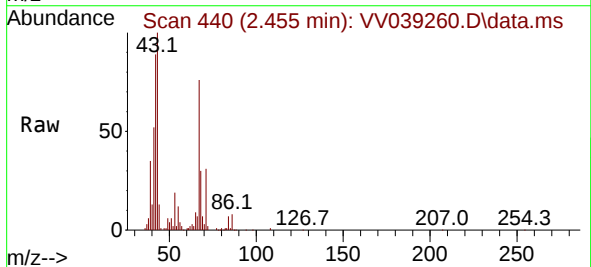
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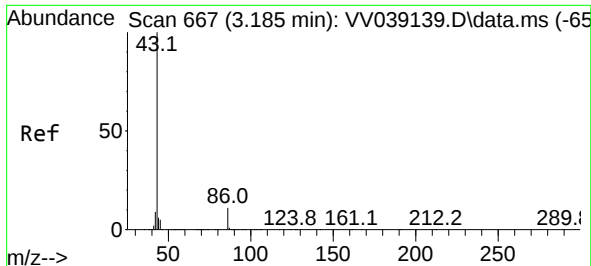
Tgt Ion: 73 Resp: 159246
Ion Ratio Lower Upper
73 100
57 61.4 18.2 27.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 84 Resp: 7180
Ion Ratio Lower Upper
84 100
49 89.3 102.8 154.2#
51 61.1 31.9 47.9#
86 138.2 51.2 76.8#

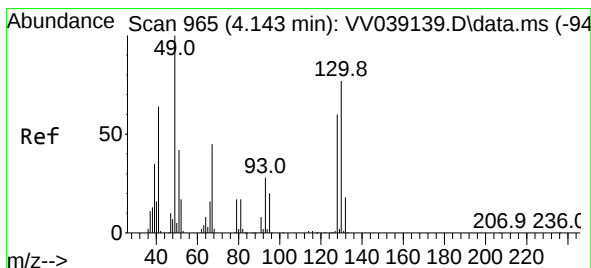
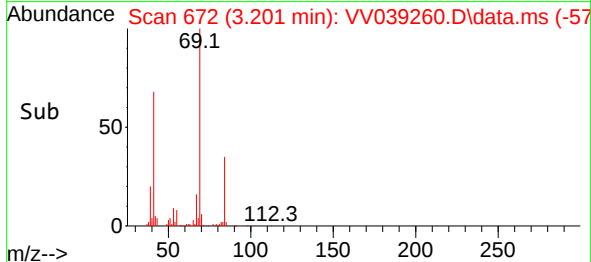
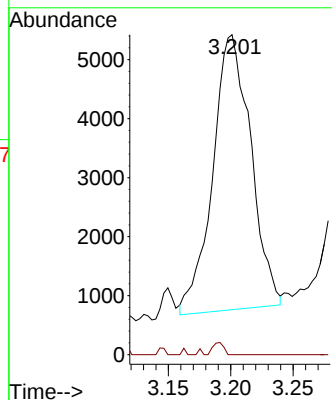
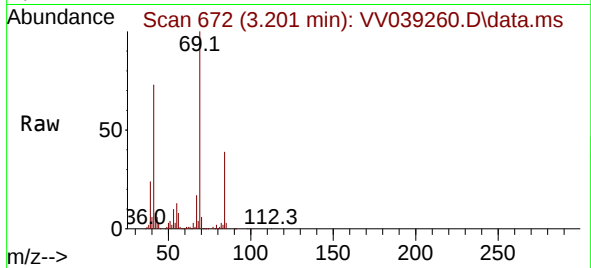




#23
 Vinyl Acetate
 Concen: 0.478 ug/l
 RT: 3.201 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VV039260.D
 Acq: 03 Oct 2025 19:11

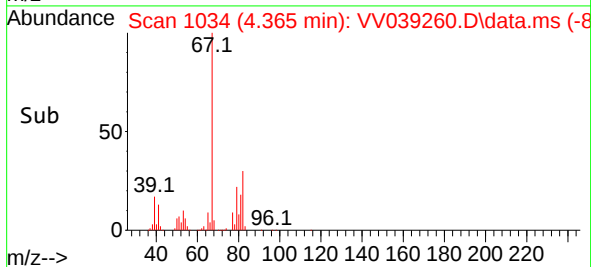
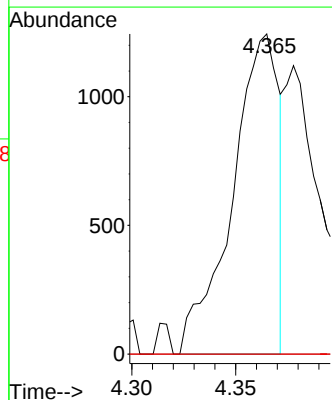
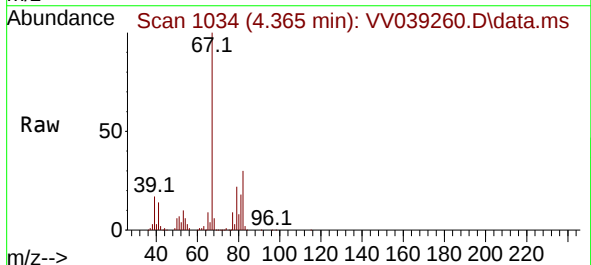
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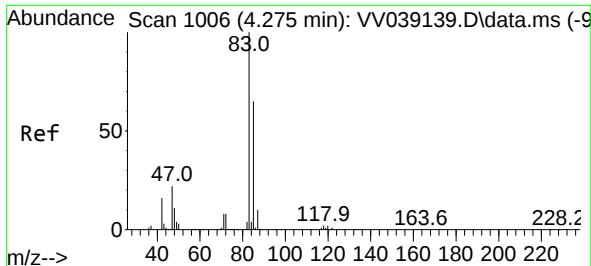
Tgt Ion: 43 Resp: 9932
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#28
 Bromochloromethane
 Concen: 0.303 ug/l
 RT: 4.365 min Scan# 1034
 Delta R.T. 0.222 min
 Lab File: VV039260.D
 Acq: 03 Oct 2025 19:11

Tgt Ion: 49 Resp: 1943
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 0.0 60.2 90.2#

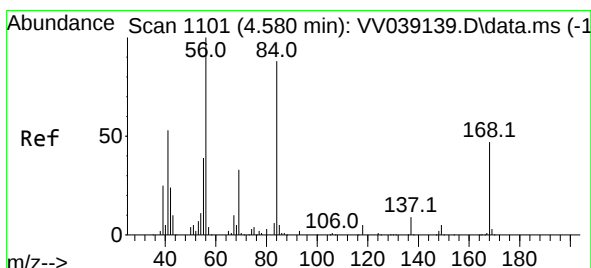
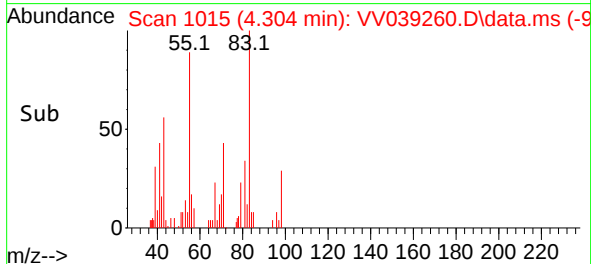
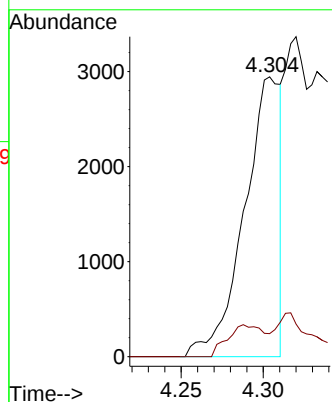
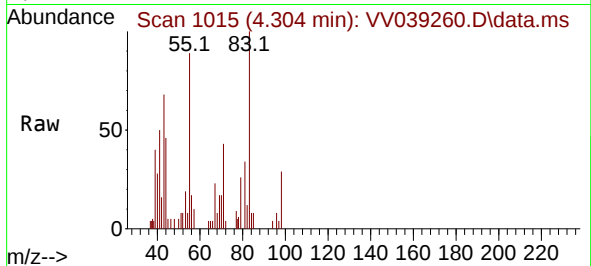




#30
Chloroform
Concen: 0.298 ug/l
RT: 4.304 min Scan# 1015
Delta R.T. 0.029 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

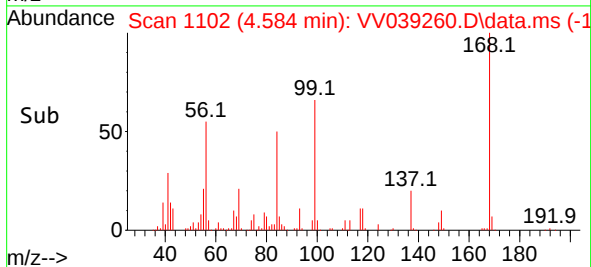
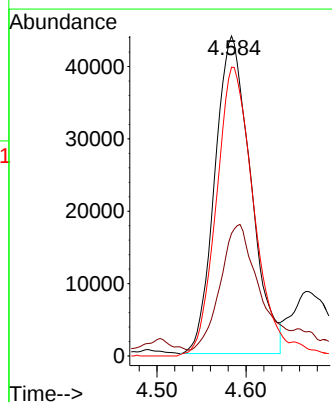
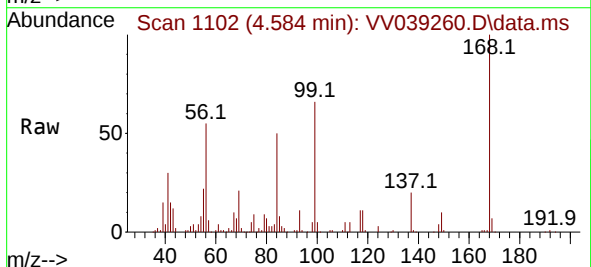
Instrument :
MSVOA_V
ClientSampleId :
MW1

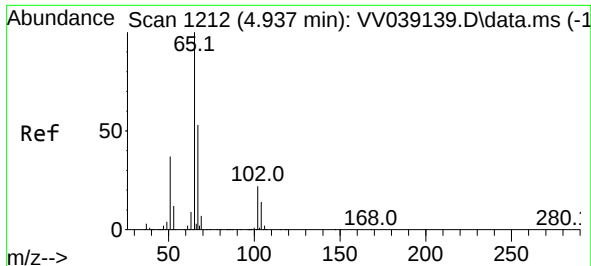
Tgt Ion: 83 Resp: 4517
Ion Ratio Lower Upper
83 100
85 8.2 52.1 78.1#



#31
Cyclohexane
Concen: 10.330 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 56 Resp: 122869
Ion Ratio Lower Upper
56 100
69 35.7 26.2 39.2
84 90.5 70.3 105.5





#33

1,2-Dichloroethane-d4

Concen: 49.078 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

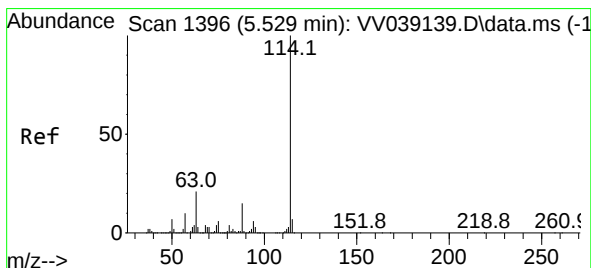
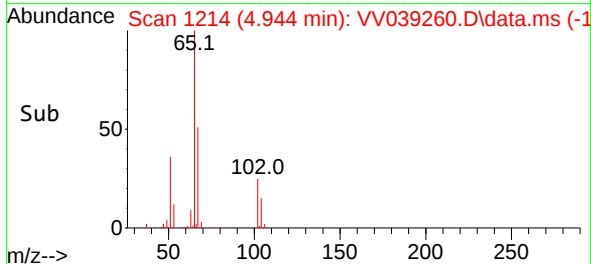
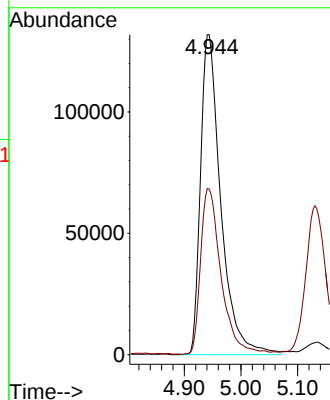
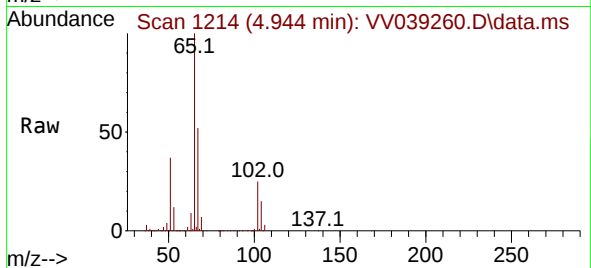
MW1

Tgt Ion: 65 Resp: 327302

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

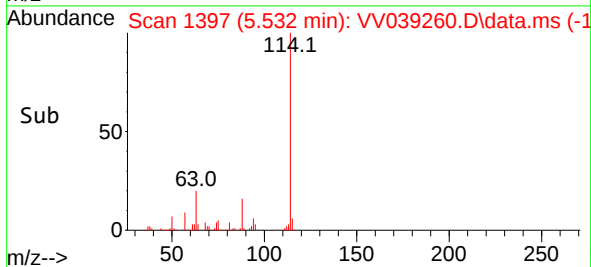
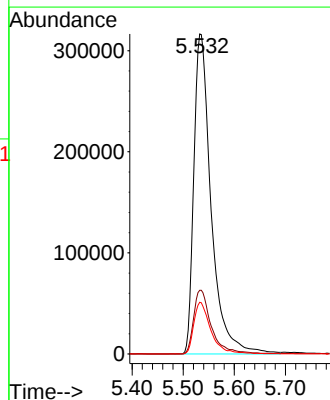
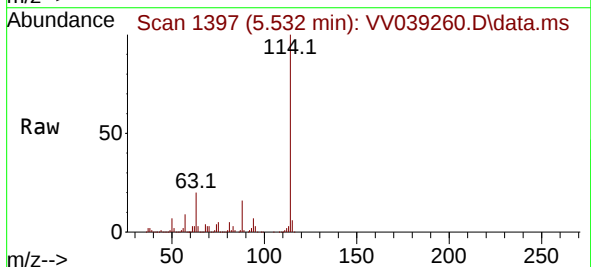
Tgt Ion: 114 Resp: 745054

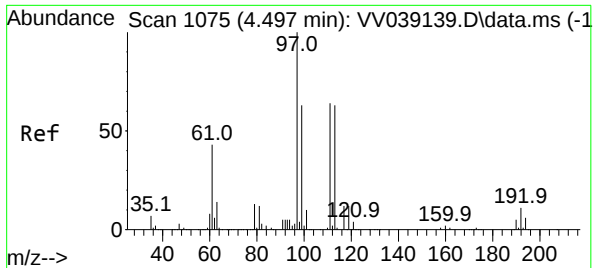
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 16.1 0.0 30.8

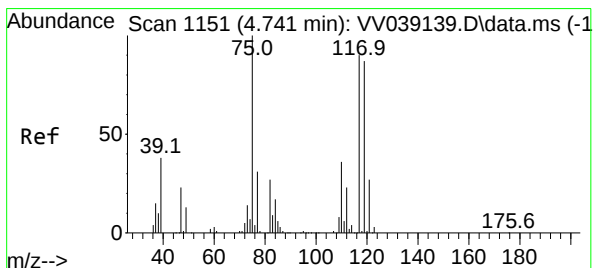
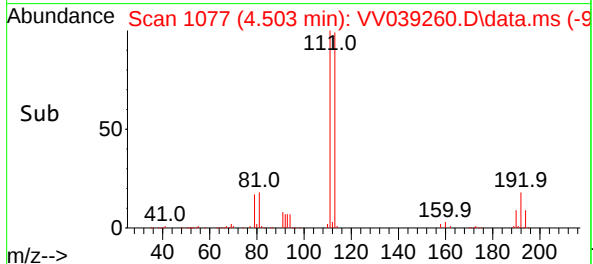
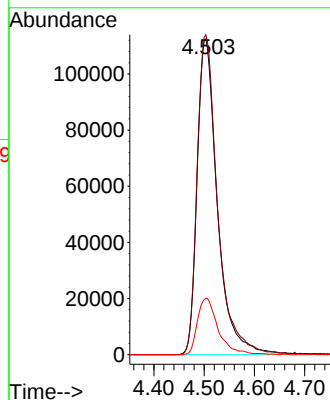
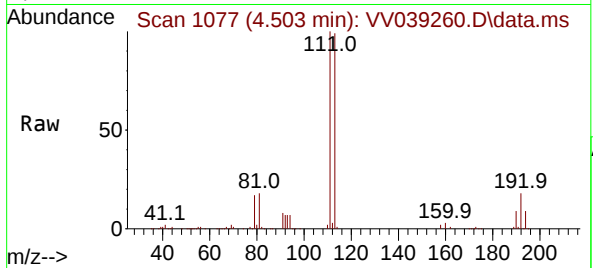




#35
Dibromofluoromethane
Concen: 52.473 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

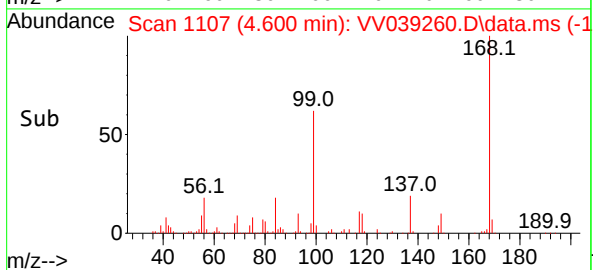
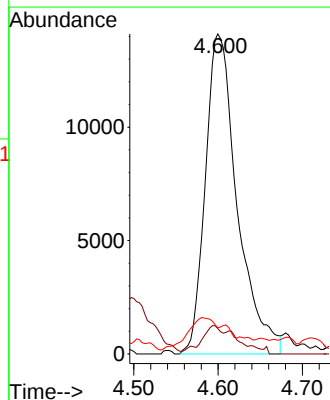
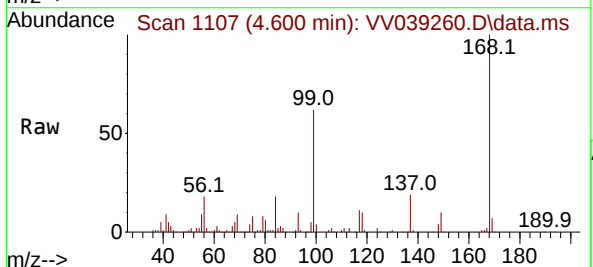
Instrument :
MSVOA_V
ClientSampleId :
MW1

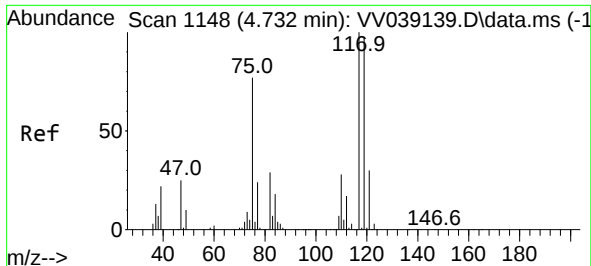
Tgt Ion:113 Resp: 314297
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.2 13.8 20.8



#36
1,1-Dichloropropene
Concen: 4.102 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 75 Resp: 37145
Ion Ratio Lower Upper
75 100
110 4.7 18.1 54.1#
77 0.0 24.8 37.2#

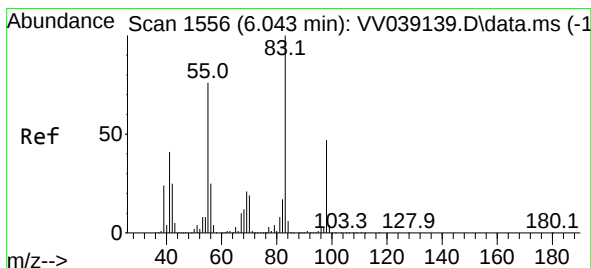
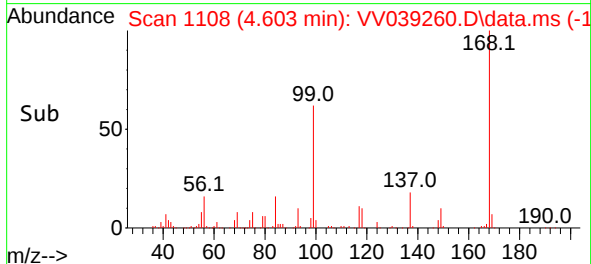
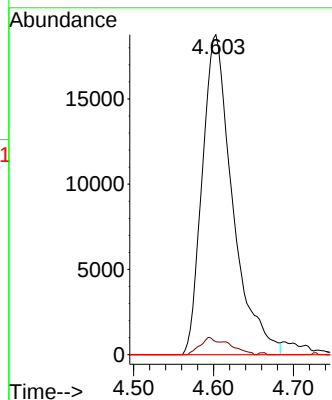
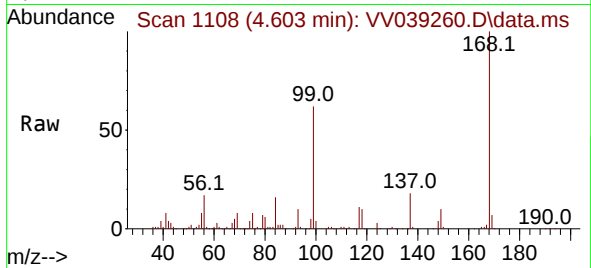




#38
Carbon Tetrachloride
Concen: 4.465 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. -0.129 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

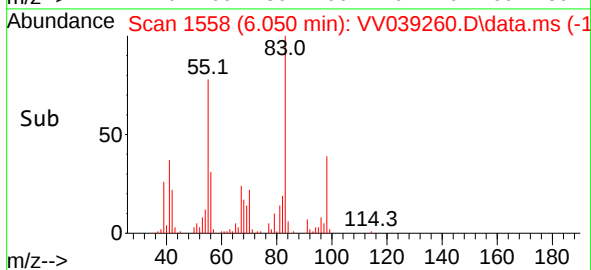
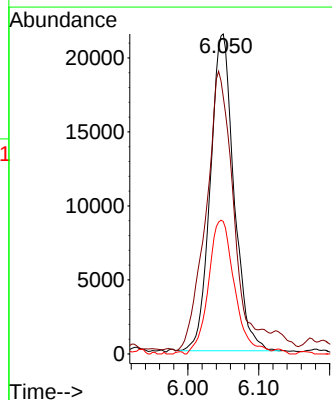
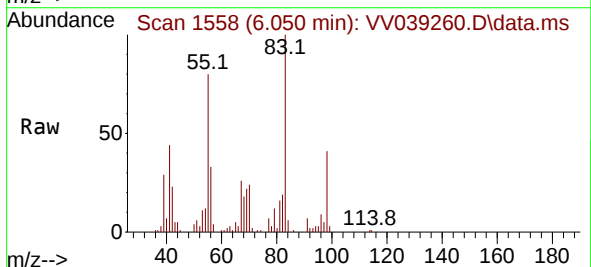
Instrument :
MSVOA_V
ClientSampleId :
MW1

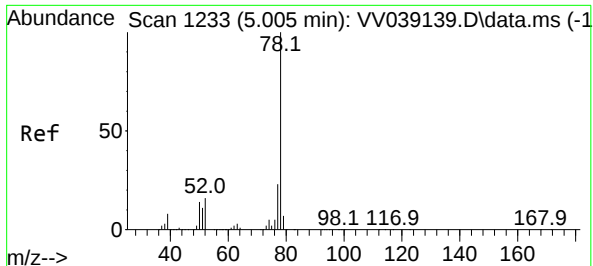
Tgt Ion:117 Resp: 49412
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 4.528 ug/l
RT: 6.050 min Scan# 1558
Delta R.T. 0.007 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 83 Resp: 49513
Ion Ratio Lower Upper
83 100
55 79.4 60.5 90.7
98 41.2 37.8 56.6

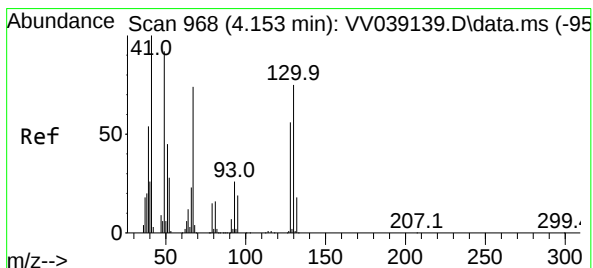
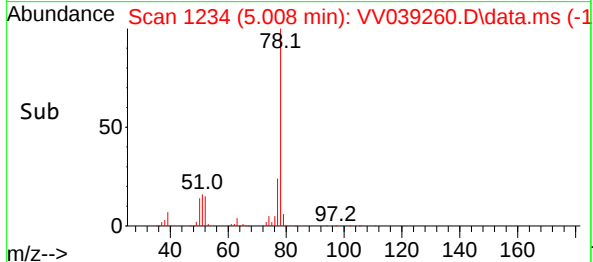
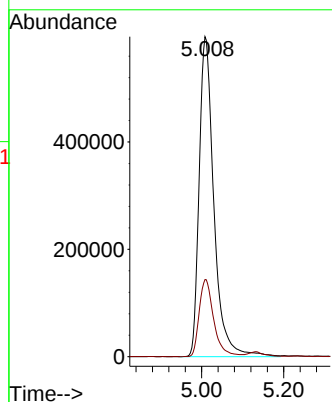
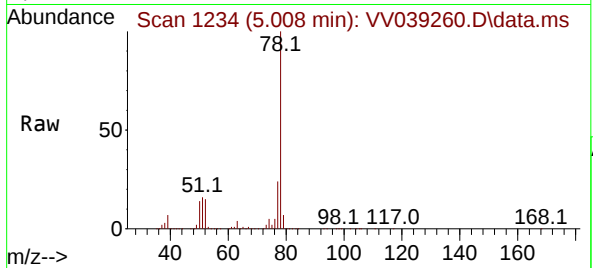




#40
Benzene
Concen: 50.327 ug/l
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

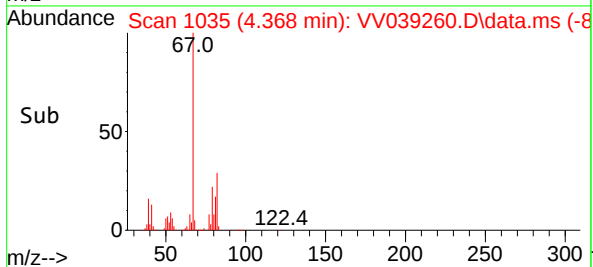
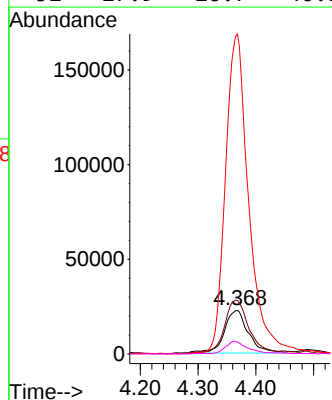
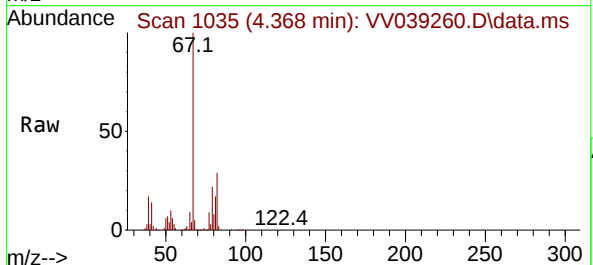
Instrument :
MSVOA_V
ClientSampleId :
MW1

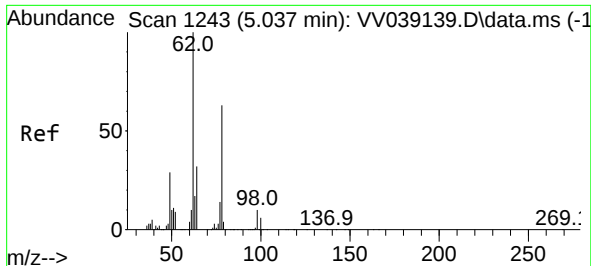
Tgt Ion: 78 Resp: 1484078
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1



#41
Methacrylonitrile
Concen: 14.550 ug/l
RT: 4.368 min Scan# 1035
Delta R.T. 0.215 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 41 Resp: 65291
Ion Ratio Lower Upper
41 100
39 125.7 42.2 63.2#
67 705.2 67.9 101.9#
52 27.9 26.7 40.1





#42

1,2-Dichloroethane

Concen: 1.139 ug/l

RT: 5.008 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

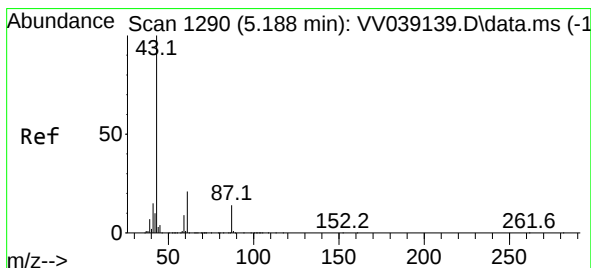
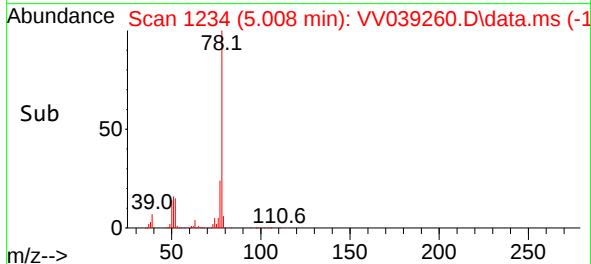
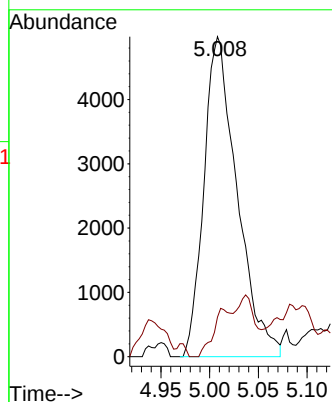
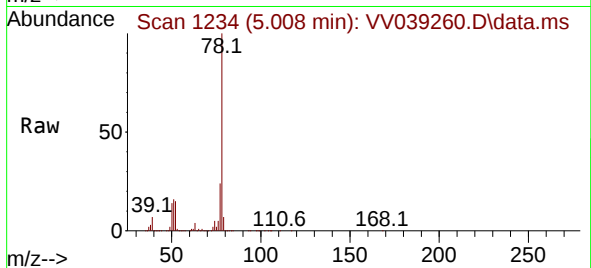
MW1

Tgt Ion: 62 Resp: 11773

Ion Ratio Lower Upper

62 100

98 8.6 0.0 19.2



#43

Isopropyl Acetate

Concen: 2.598 ug/l

RT: 5.124 min Scan# 1270

Delta R.T. -0.064 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

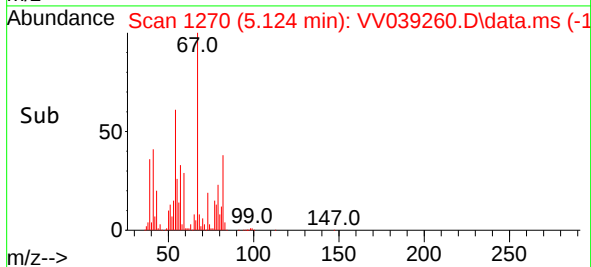
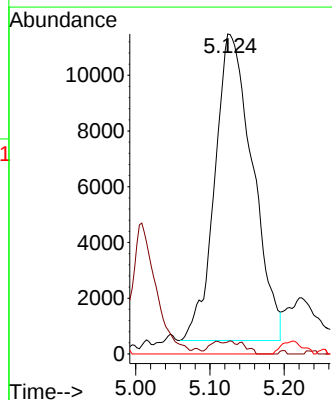
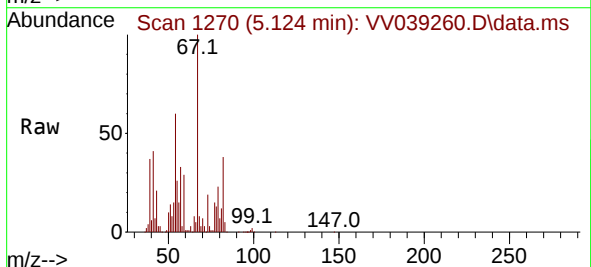
Tgt Ion: 43 Resp: 38918

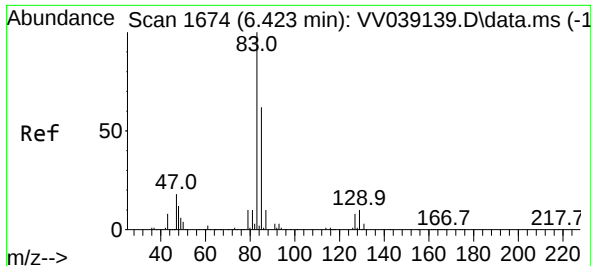
Ion Ratio Lower Upper

43 100

61 1.0 15.9 23.9#

87 0.0 11.0 16.6#





#47

Bromodichloromethane

Concen: 0.657 ug/l

RT: 6.481 min Scan# 1

Delta R.T. 0.058 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

MW1

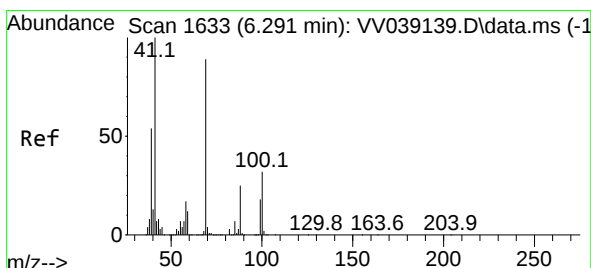
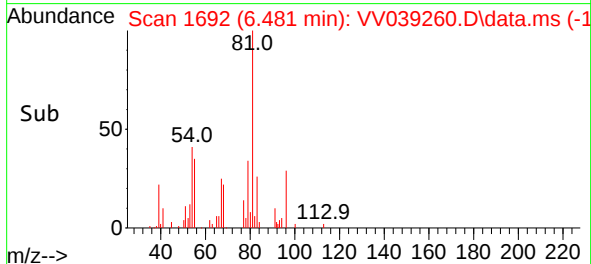
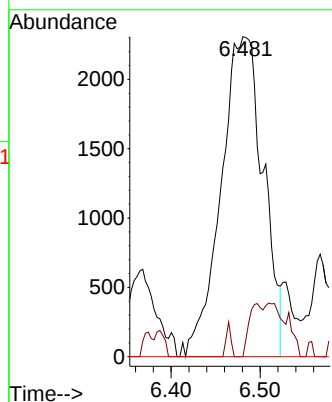
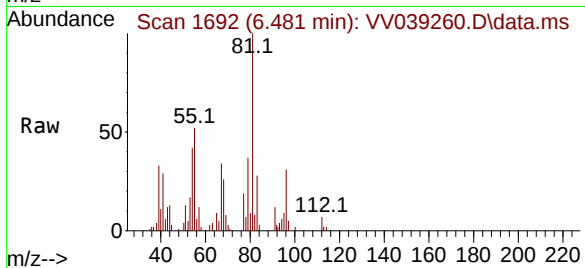
Tgt Ion: 83 Resp: 7615

Ion Ratio Lower Upper

83 100

85 0.0 49.7 74.5#

127 0.0 6.6 9.8#



#48

Methyl methacrylate

Concen: 0.573 ug/l

RT: 6.291 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

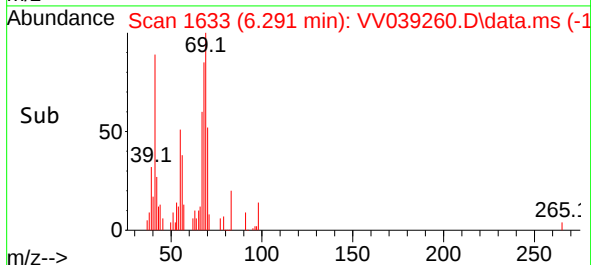
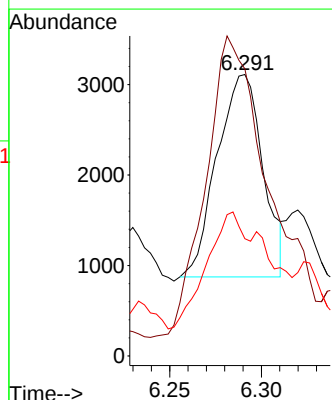
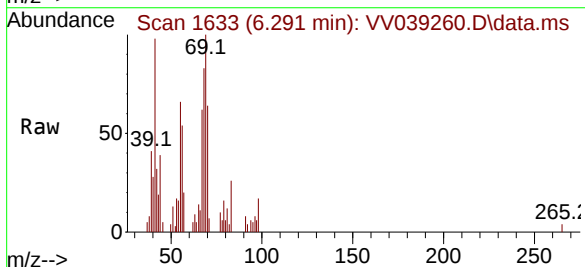
Tgt Ion: 41 Resp: 3890

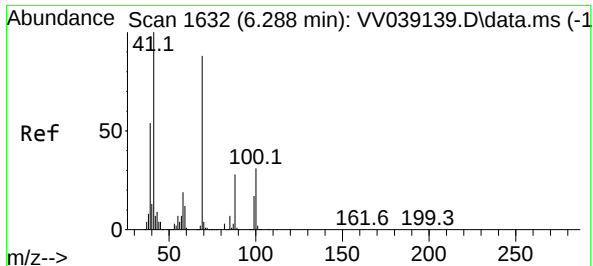
Ion Ratio Lower Upper

41 100

69 205.1 72.4 108.6#

39 77.8 42.5 63.7#





#49

1,4-Dioxane

Concen: 0.447 ug/l

RT: 6.268 min Scan# 1

Delta R.T. -0.019 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

MW1

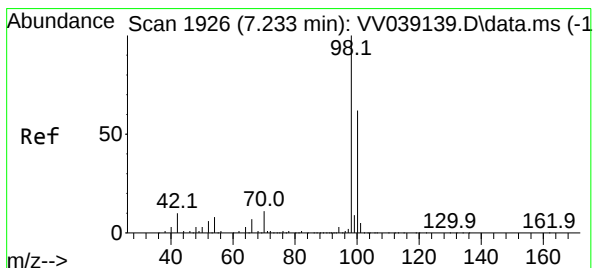
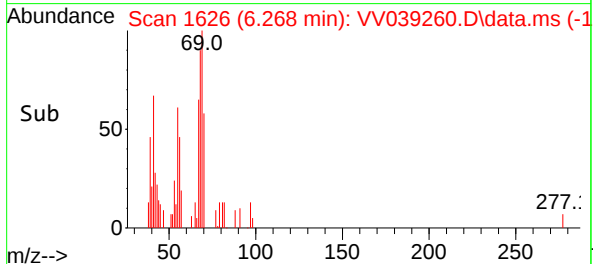
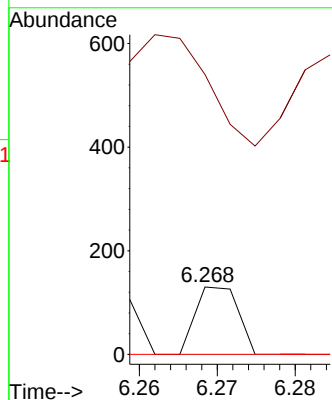
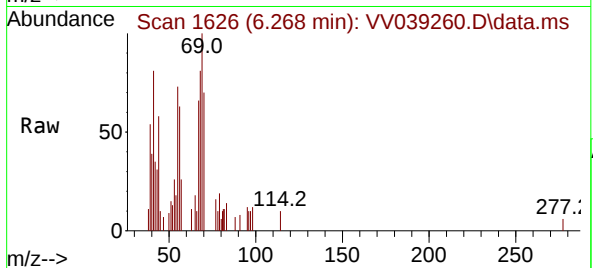
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

58 0.0 53.6 80.4#



#50

Toluene-d8

Concen: 48.182 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039260.D

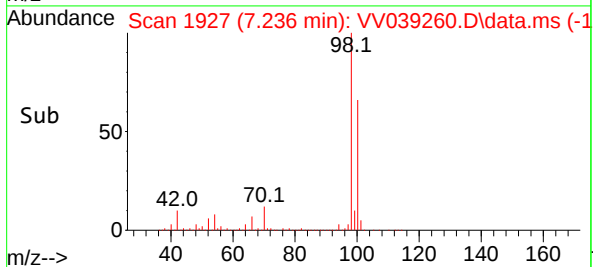
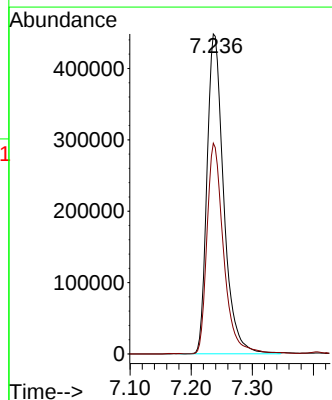
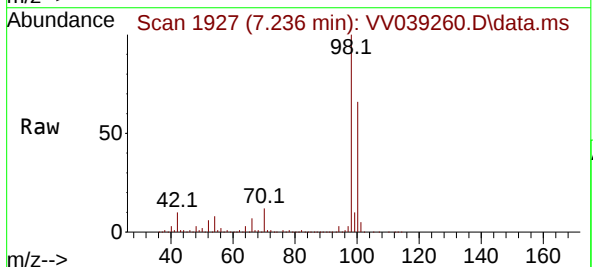
Acq: 03 Oct 2025 19:11

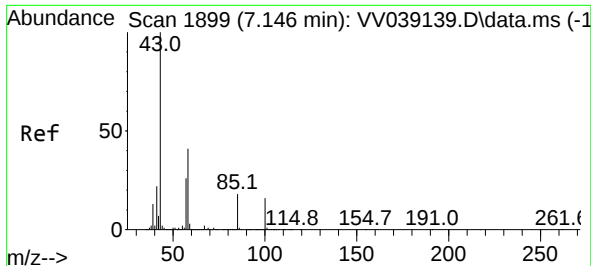
Tgt Ion: 98 Resp: 847595

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.2

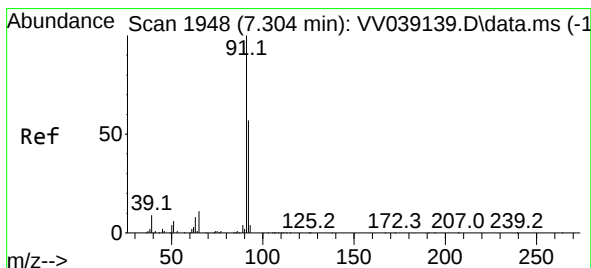
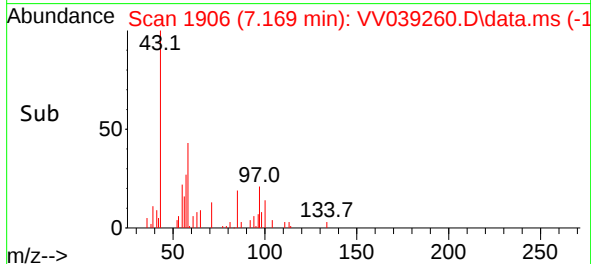
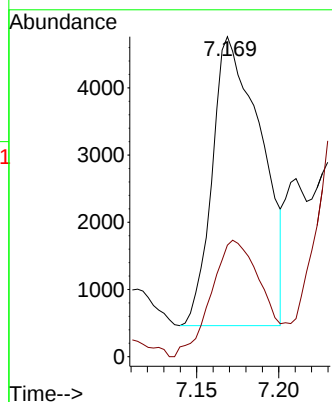
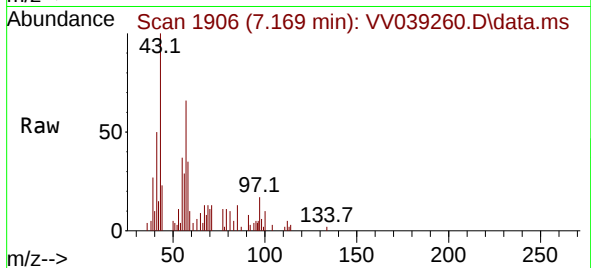




#51
4-Methyl-2-Pentanone
Concen: 0.905 ug/l
RT: 7.169 min Scan# 1906
Delta R.T. 0.022 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

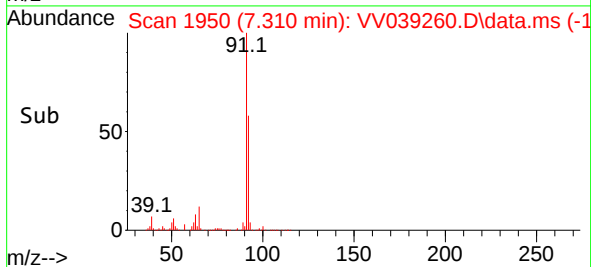
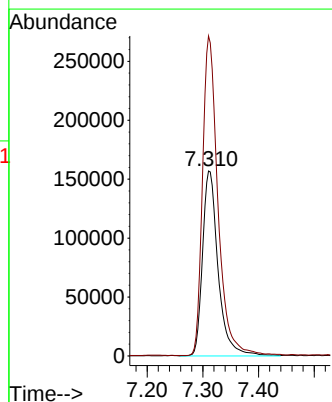
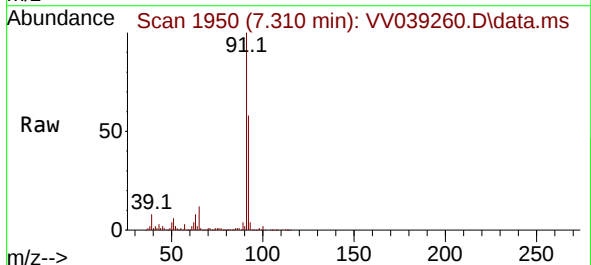
Instrument :
MSVOA_V
ClientSampleId :
MW1

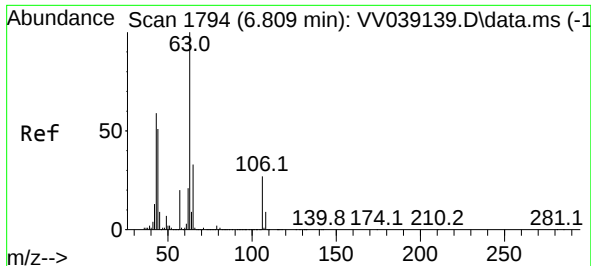
Tgt Ion: 43 Resp: 8923
Ion Ratio Lower Upper
43 100
58 43.5 32.3 48.5



#52
Toluene
Concen: 17.884 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 92 Resp: 305782
Ion Ratio Lower Upper
92 100
91 170.8 139.2 208.8

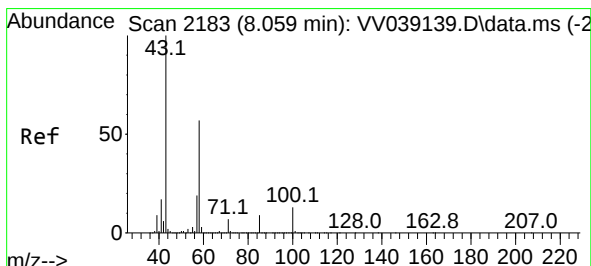
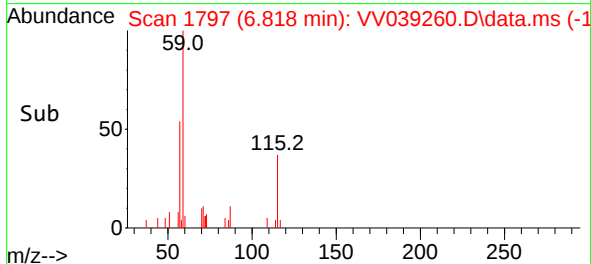
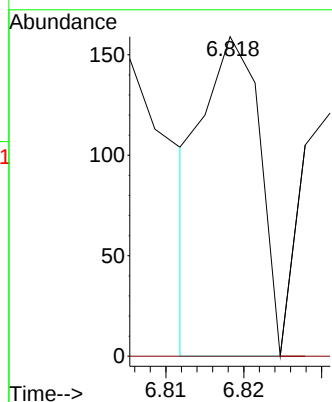
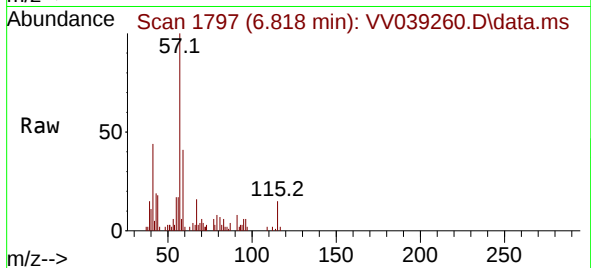




#58
2-Chloroethyl Vinyl ether
Concen: 9.638 ug/l
RT: 6.818 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

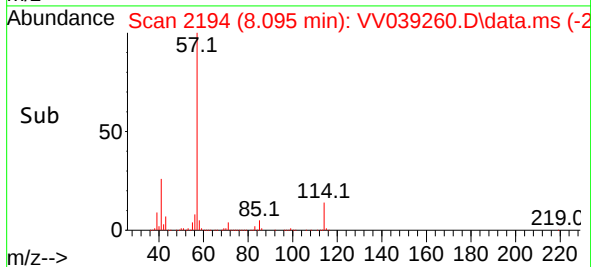
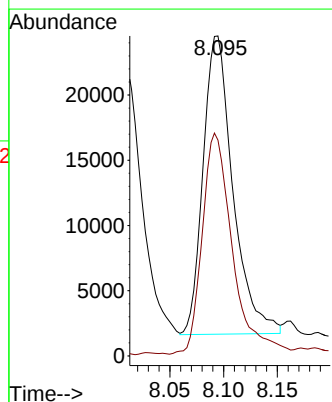
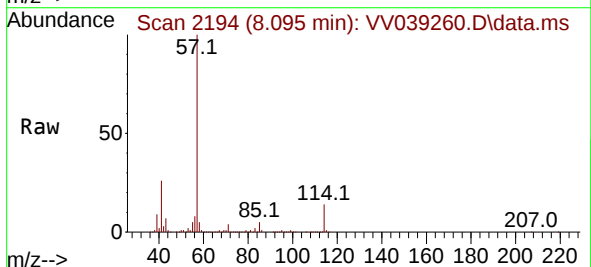
Instrument :
MSVOA_V
ClientSampleId :
MW1

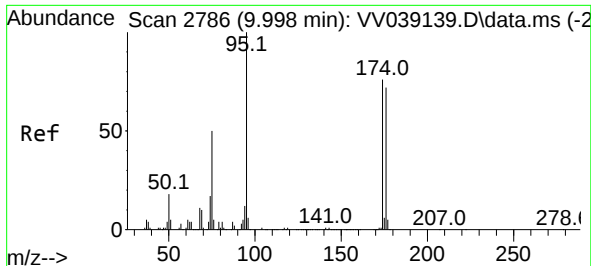
Tgt Ion: 63 Resp: 80
Ion Ratio Lower Upper
63 100
106 73.8 22.1 33.1#



#59
2-Hexanone
Concen: 7.827 ug/l
RT: 8.095 min Scan# 2194
Delta R.T. 0.036 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 43 Resp: 44182
Ion Ratio Lower Upper
43 100
58 74.8 28.3 85.0

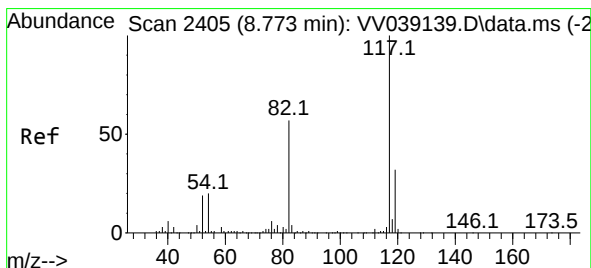
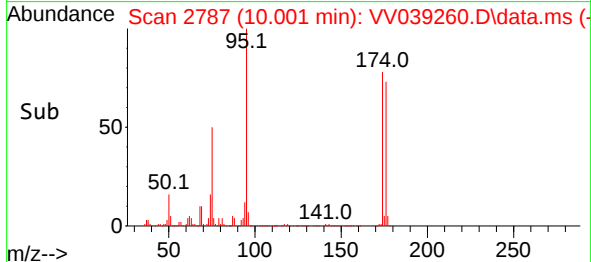
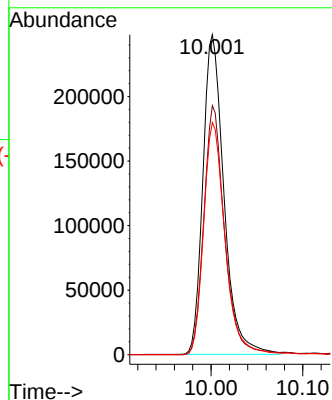
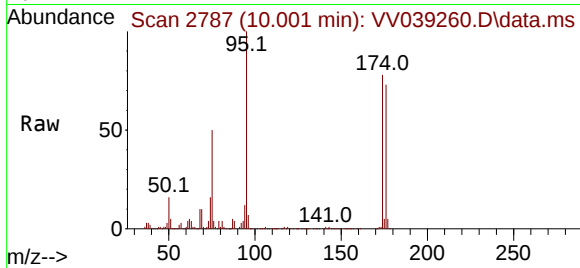




#62
4-Bromofluorobenzene
Concen: 54.538 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

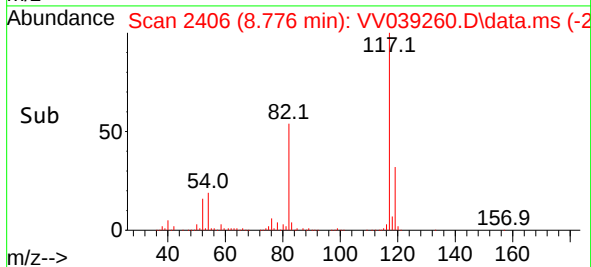
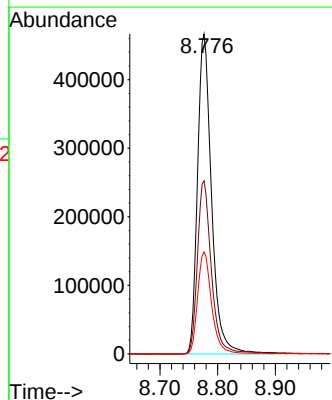
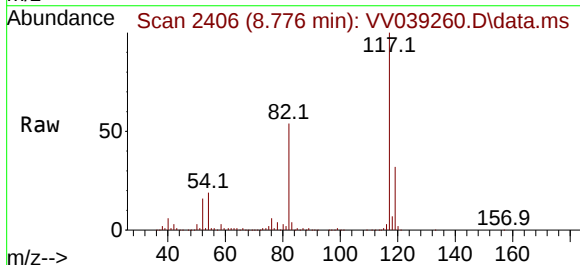
Instrument :
MSVOA_V
ClientSampleId :
MW1

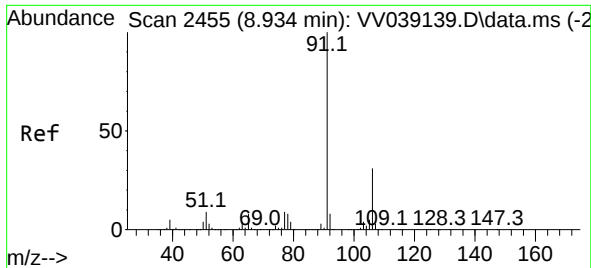
Tgt Ion: 95 Resp: 394965
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.4
176 73.6 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion: 117 Resp: 788166
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.2
119 31.9 25.6 38.4





#67

Ethyl Benzene

Concen: 135.620 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

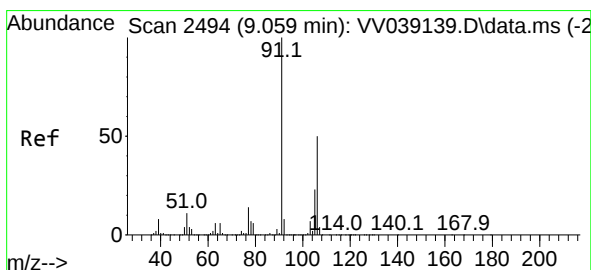
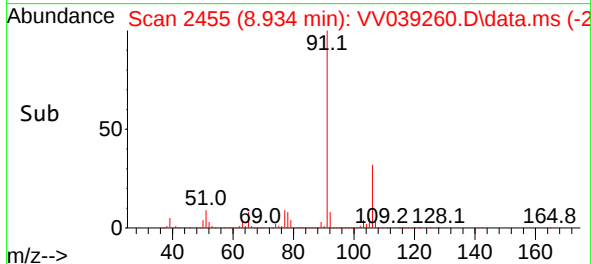
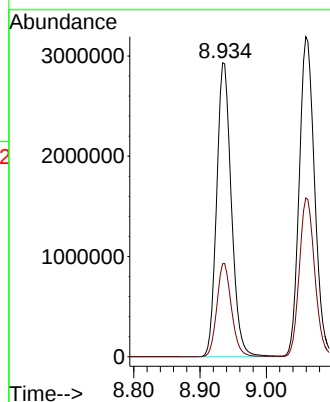
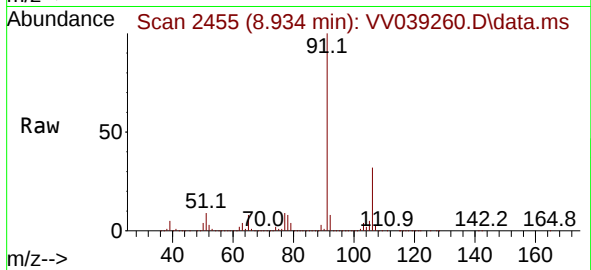
MW1

Tgt Ion: 91 Resp: 4506911

Ion Ratio Lower Upper

91 100

106 31.6 24.6 37.0



#68

m/p-Xylenes

Concen: 199.301 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. 0.000 min

Lab File: VV039260.D

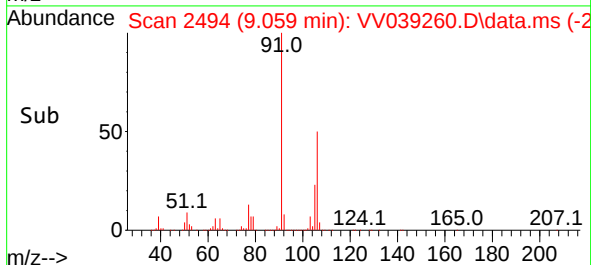
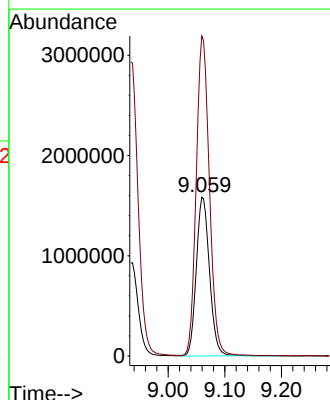
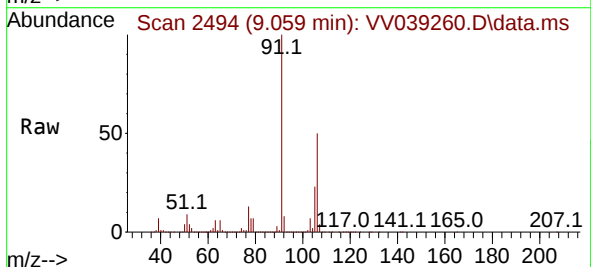
Acq: 03 Oct 2025 19:11

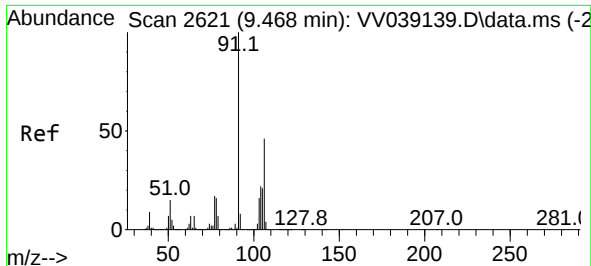
Tgt Ion:106 Resp: 2556288

Ion Ratio Lower Upper

106 100

91 200.9 162.5 243.7

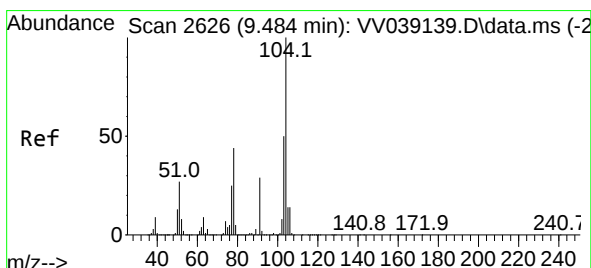
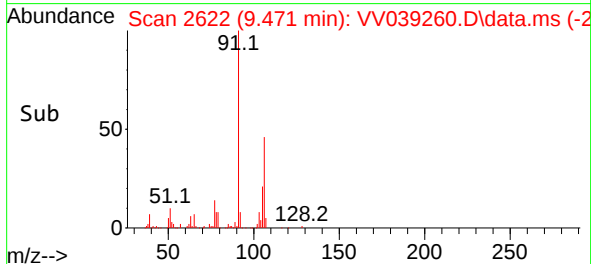
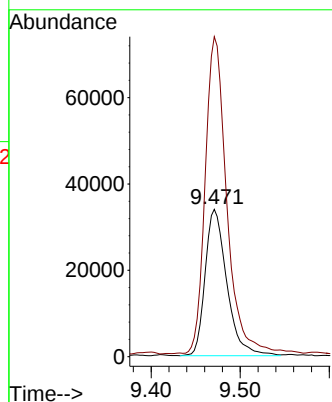
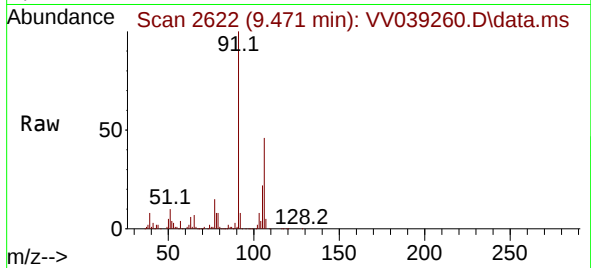




#69
o-Xylene
Concen: 5.055 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

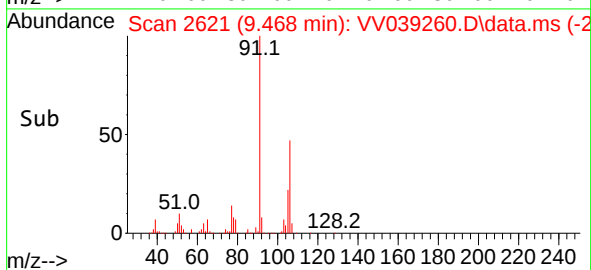
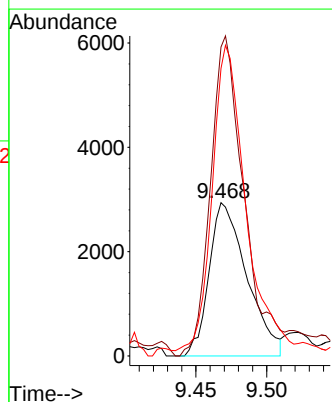
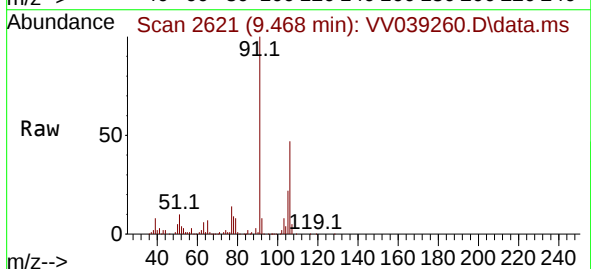
Instrument :
MSVOA_V
ClientSampleId :
MW1

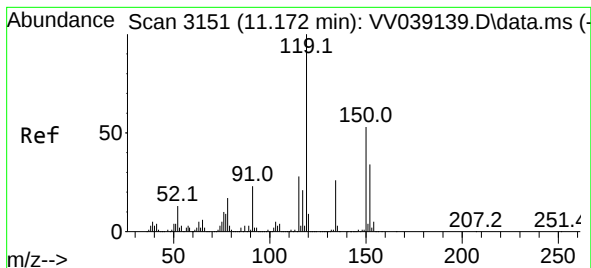
Tgt Ion:106 Resp: 57411
Ion Ratio Lower Upper
106 100
91 215.2 109.1 327.3



#70
Styrene
Concen: 1.780 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.016 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:104 Resp: 5455
Ion Ratio Lower Upper
104 100
78 185.4 39.8 59.6#
103 175.1 43.4 65.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

MW1

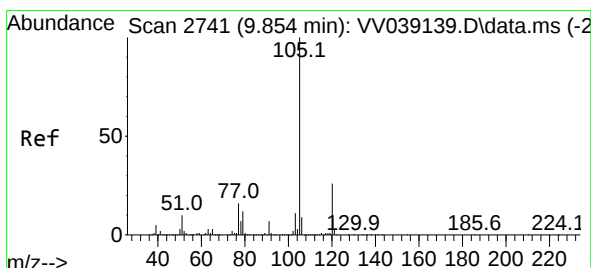
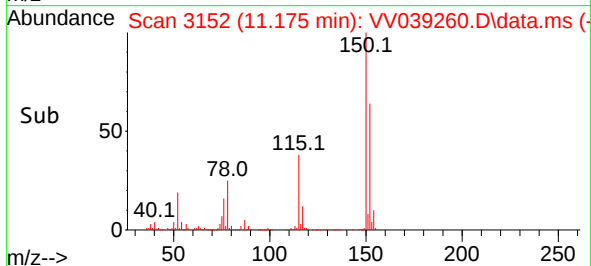
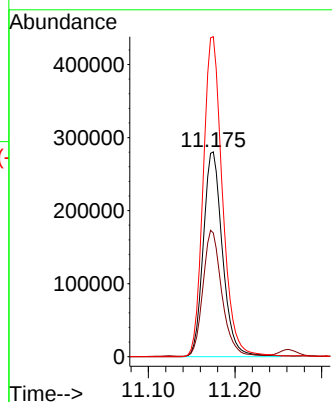
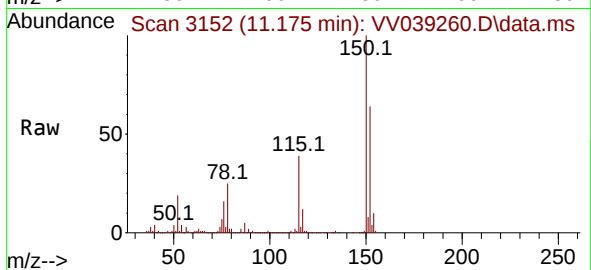
Tgt Ion:152 Resp: 431237

Ion Ratio Lower Upper

152 100

115 60.4 44.8 134.4

150 157.3 0.0 353.8



#73

Isopropylbenzene

Concen: 46.962 ug/l

RT: 9.857 min Scan# 2742

Delta R.T. 0.003 min

Lab File: VV039260.D

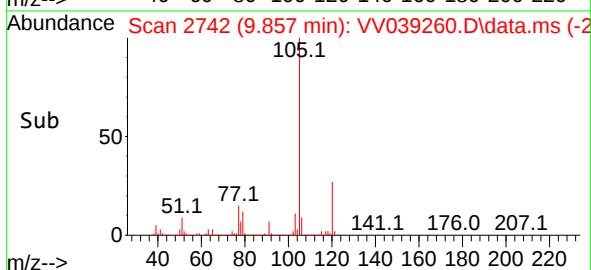
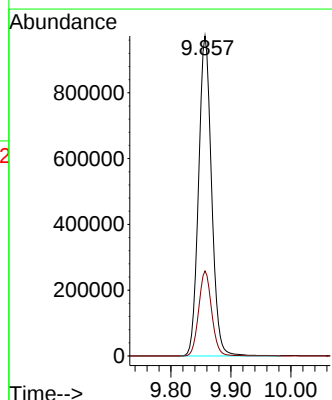
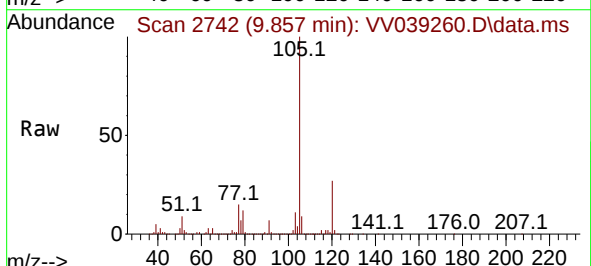
Acq: 03 Oct 2025 19:11

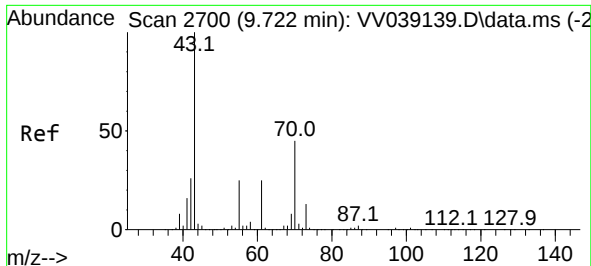
Tgt Ion:105 Resp: 1468865

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1

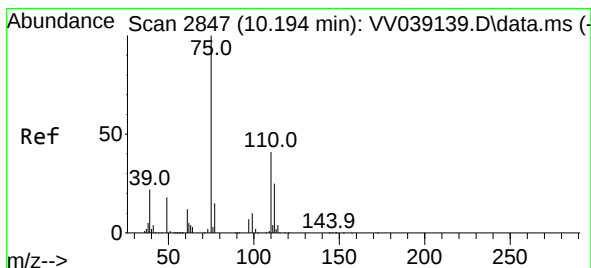
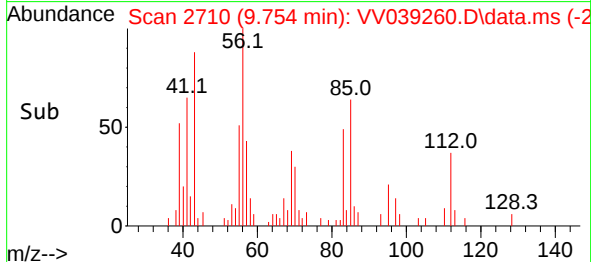
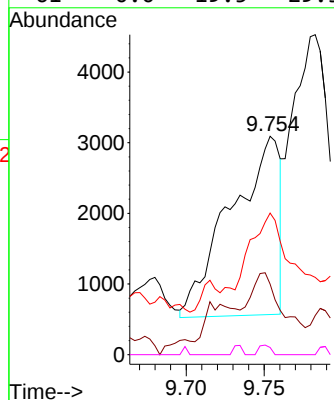
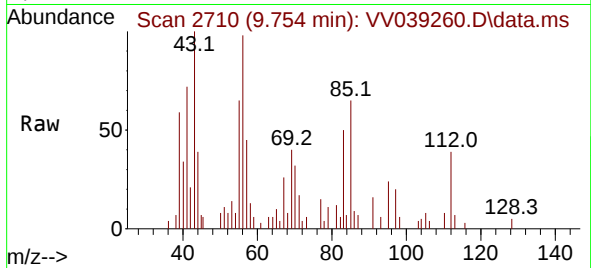




#74
N-amy1 acetate
Concen: 0.445 ug/l
RT: 9.754 min Scan# 211
Delta R.T. 0.032 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

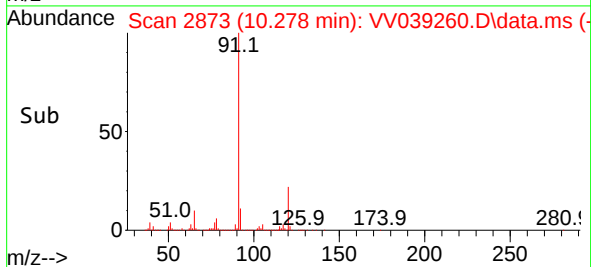
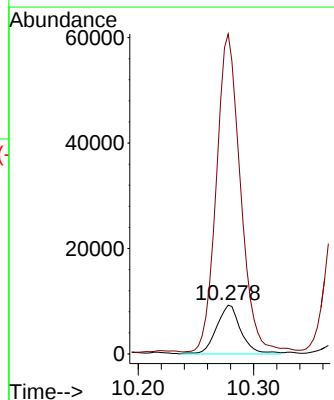
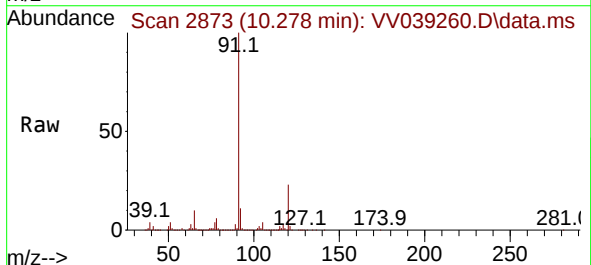
Instrument :
MSVOA_V
ClientSampleId :
MW1

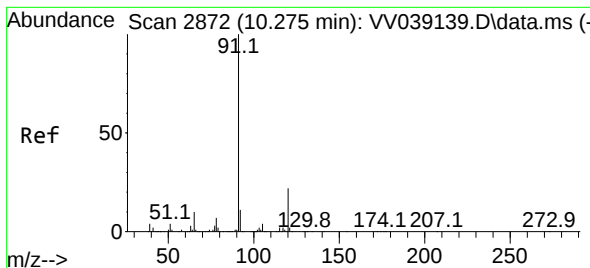
Tgt Ion:	43	Resp:	5558
Ion	Ratio	Lower	Upper
43	100		
70	23.8	35.4	53.0#
55	35.6	20.6	30.8#
61	0.0	19.5	29.3#



#76
1,2,3-Trichloropropane
Concen: 1.378 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.084 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:	75	Resp:	13530
Ion	Ratio	Lower	Upper
75	100		
77	645.1	11.3	33.8#





#78

n-propylbenzene

Concen: 56.517 ug/l

RT: 10.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

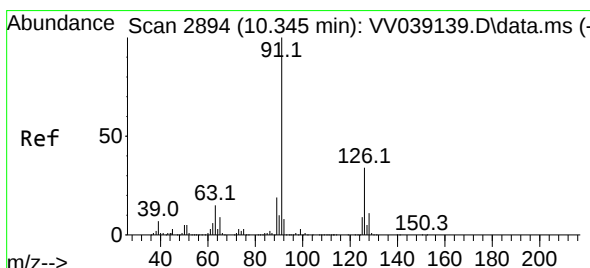
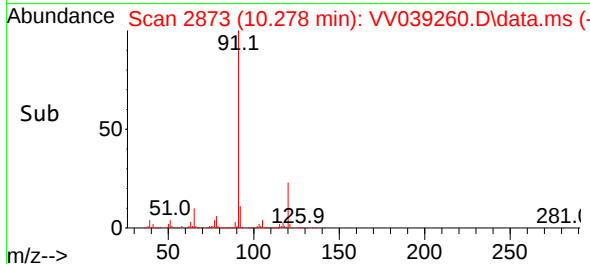
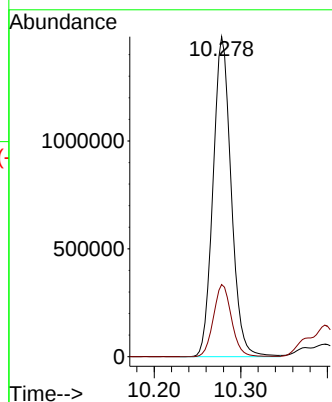
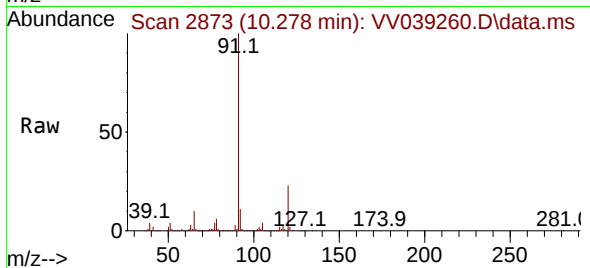
MW1

Tgt Ion: 91 Resp: 2152668

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.3



#79

2-Chlorotoluene

Concen: 3.455 ug/l

RT: 10.397 min Scan# 2910

Delta R.T. 0.051 min

Lab File: VV039260.D

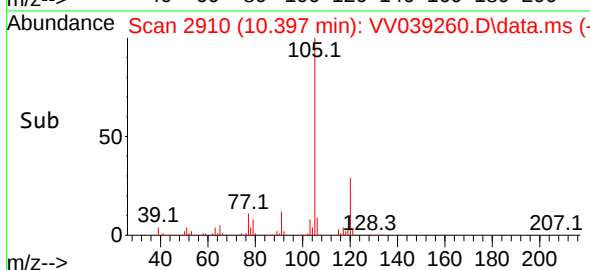
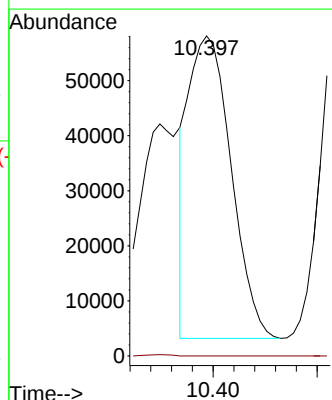
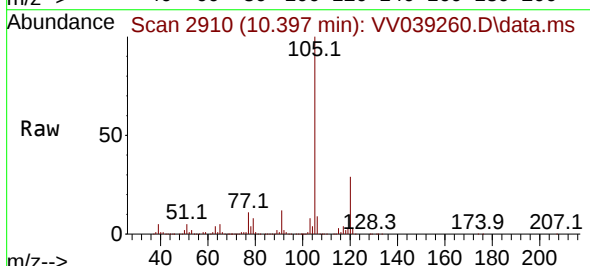
Acq: 03 Oct 2025 19:11

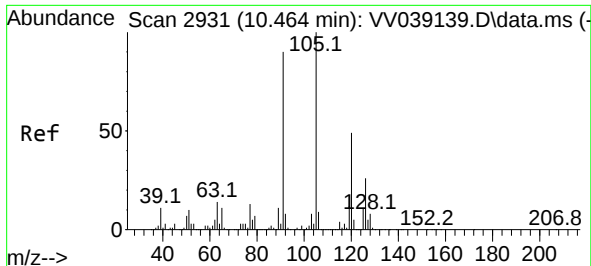
Tgt Ion: 91 Resp: 78751

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#

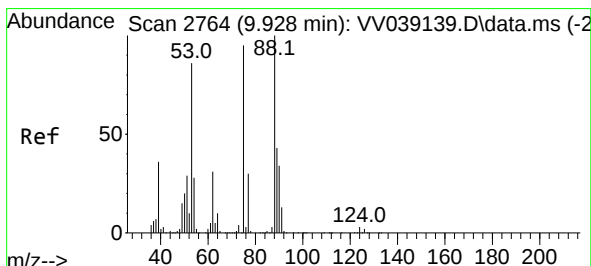
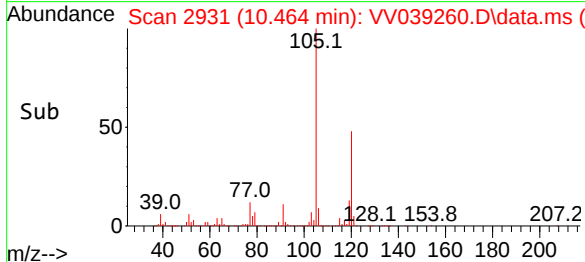
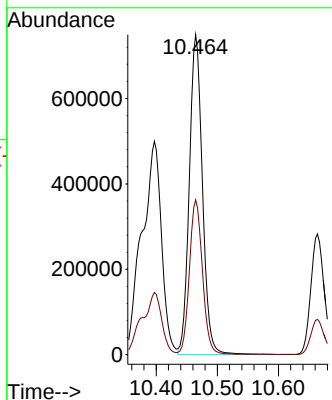
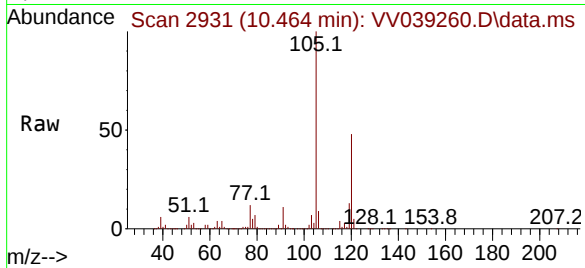




#80
 1,3,5-Trimethylbenzene
 Concen: 42.859 ug/l
 RT: 10.464 min Scan# 2931
 Delta R.T. -0.000 min
 Lab File: VV039260.D
 Acq: 03 Oct 2025 19:11

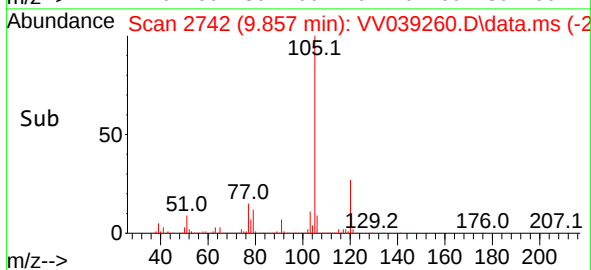
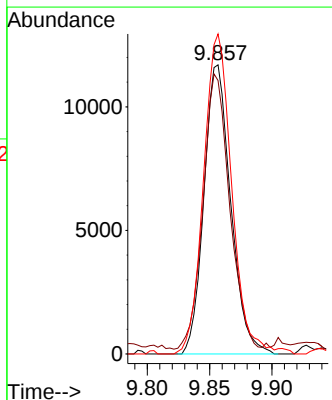
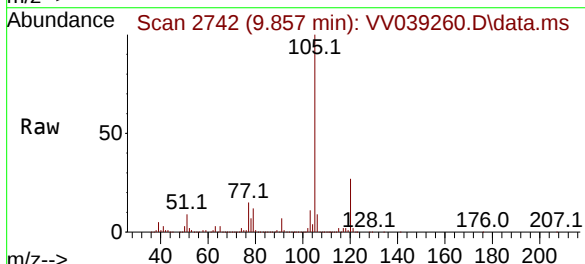
Instrument :
 MSVOA_V
 ClientSampleId :
 MW1

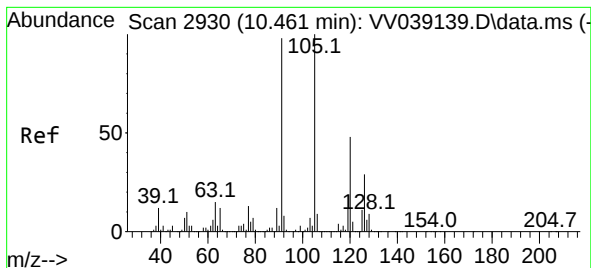
Tgt Ion:105 Resp: 1114223
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.290 ug/l
 RT: 9.857 min Scan# 2742
 Delta R.T. -0.071 min
 Lab File: VV039260.D
 Acq: 03 Oct 2025 19:11

Tgt Ion: 75 Resp: 17545
 Ion Ratio Lower Upper
 75 100
 53 94.4 72.5 108.7
 89 116.4 37.2 55.8#





#82

4-Chlorotoluene

Concen: 4.603 ug/l

RT: 10.464 min Scan# 2930

Delta R.T. 0.003 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

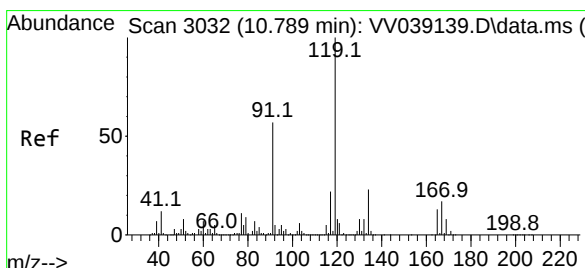
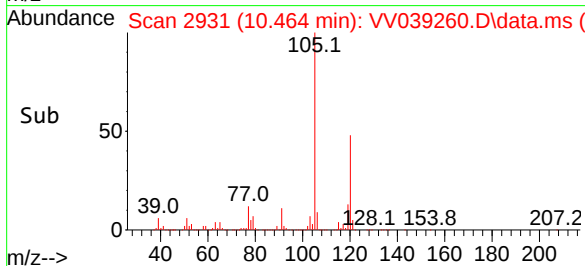
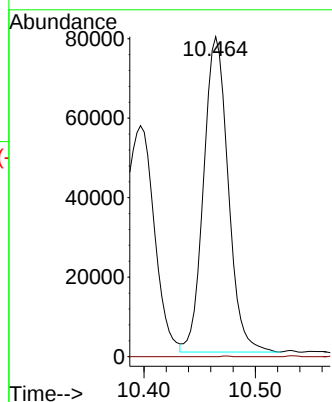
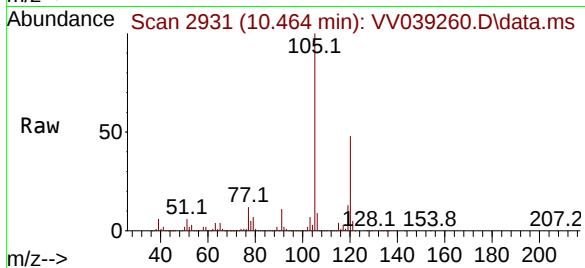
MW1

Tgt Ion: 91 Resp: 121650

Ion Ratio Lower Upper

91 100

126 0.1 14.5 43.6#



#83

tert-Butylbenzene

Concen: 7.665 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.051 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

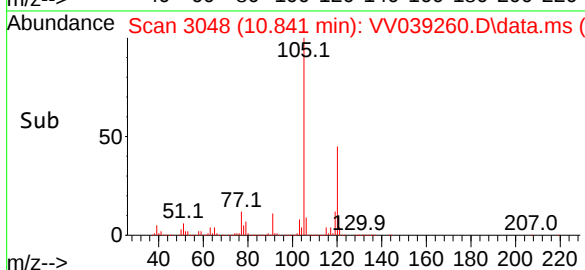
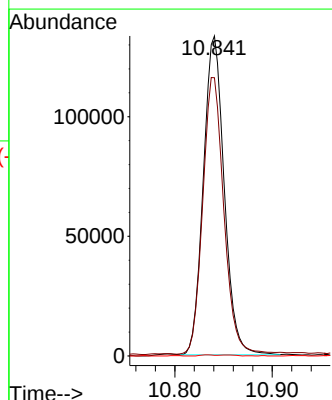
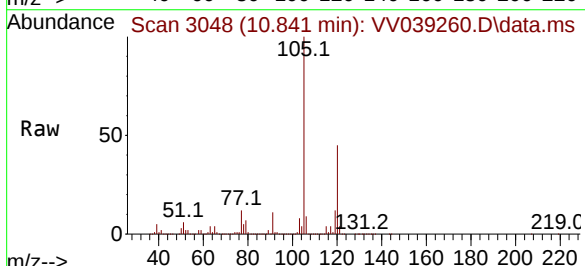
Tgt Ion: 119 Resp: 198713

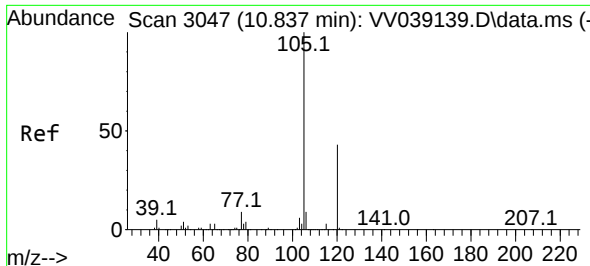
Ion Ratio Lower Upper

119 100

91 87.7 28.5 85.6#

134 0.2 11.5 34.4#

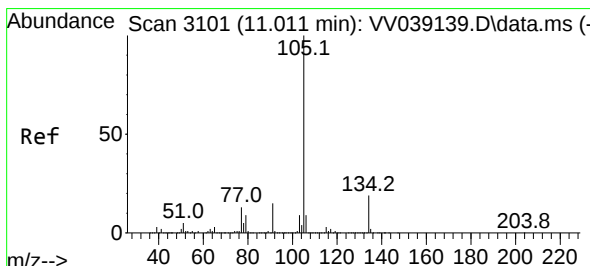
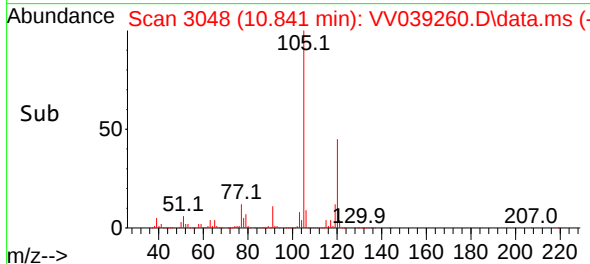
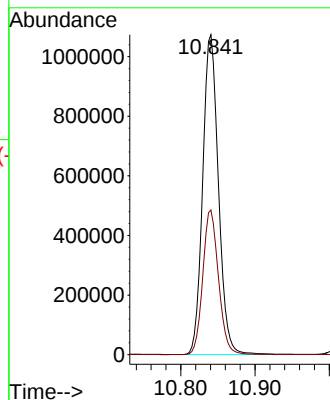
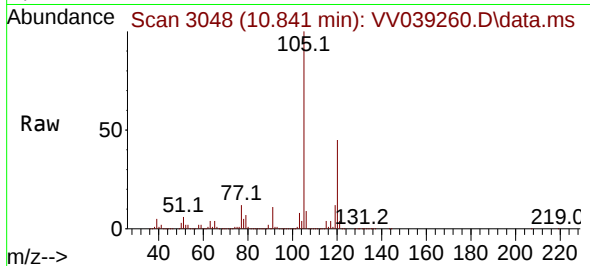




#84
1,2,4-Trimethylbenzene
Concen: 62.549 ug/l
RT: 10.841 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

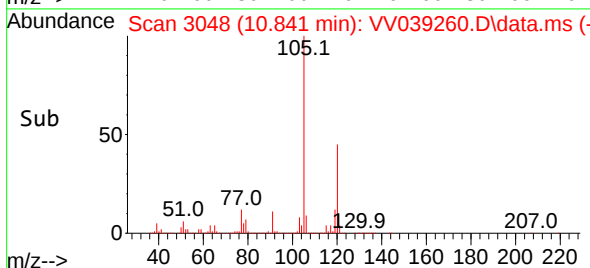
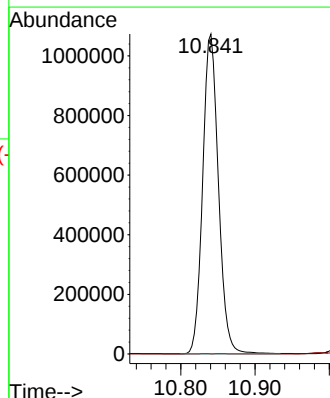
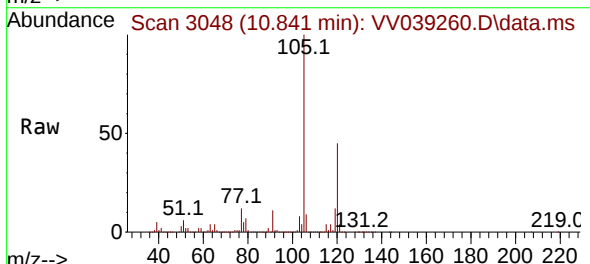
Instrument :
MSVOA_V
ClientSampleId :
MW1

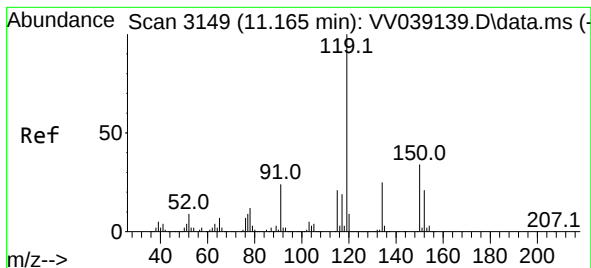
Tgt Ion:105 Resp: 1578717
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.2



#85
sec-Butylbenzene
Concen: 45.914 ug/l
RT: 10.841 min Scan# 3048
Delta R.T. -0.170 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Tgt Ion:105 Resp: 1578717
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.8#





#86

p-Isopropyltoluene

Concen: 0.361 ug/l

RT: 11.172 min Scan# 3149

Delta R.T. 0.006 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

MW1

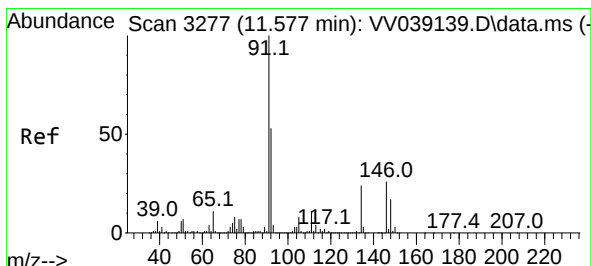
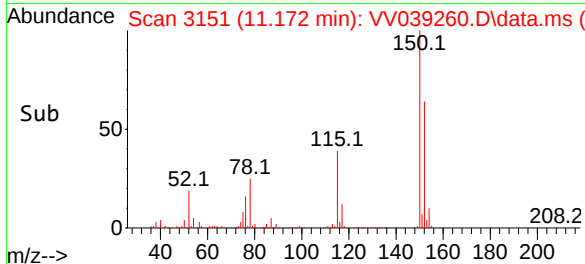
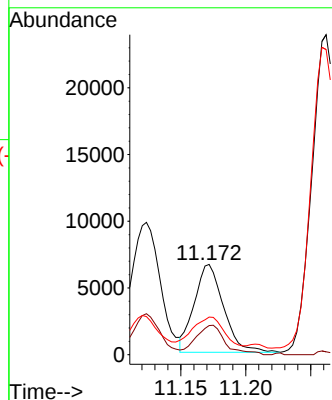
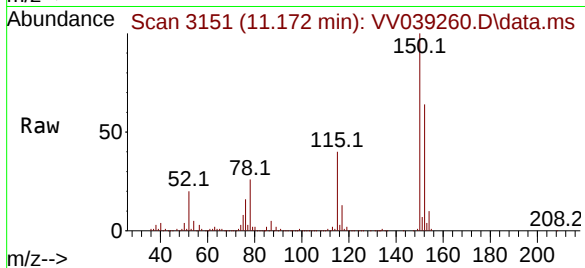
Tgt Ion:119 Resp: 10332

Ion Ratio Lower Upper

119 100

134 33.4 12.7 38.0

91 0.0 12.0 36.1#



#89

n-Butylbenzene

Concen: 2.686 ug/l

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

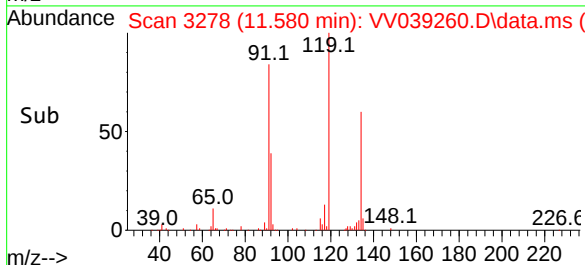
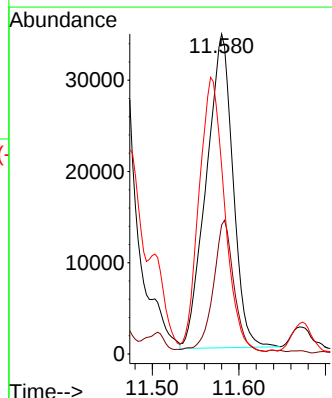
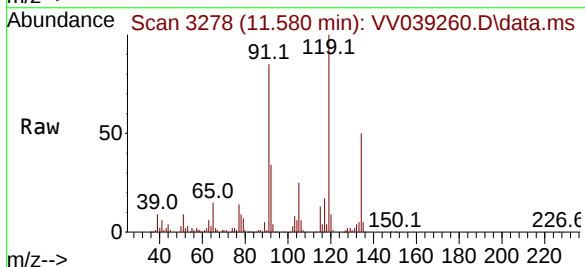
Tgt Ion: 91 Resp: 73402

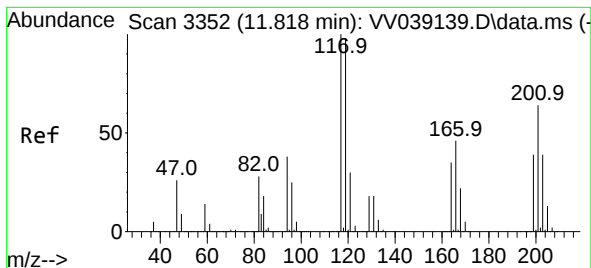
Ion Ratio Lower Upper

91 100

92 32.9 26.6 79.8

134 83.6 12.1 36.3#





#90

Hexachloroethane

Concen: 0.868 ug/l

RT: 11.841 min Scan# 31

Delta R.T. 0.023 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

Instrument :

MSVOA_V

ClientSampleId :

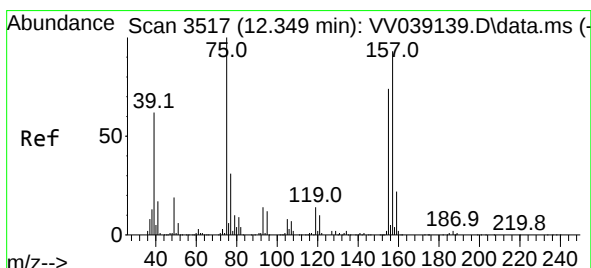
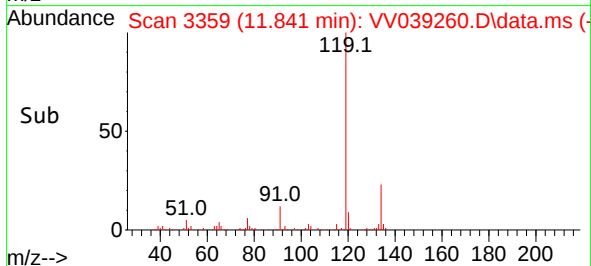
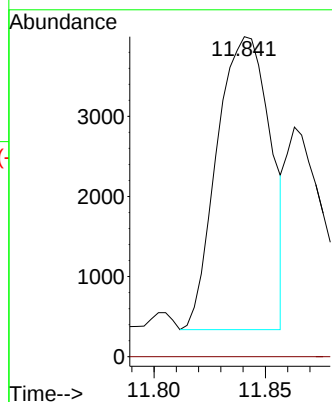
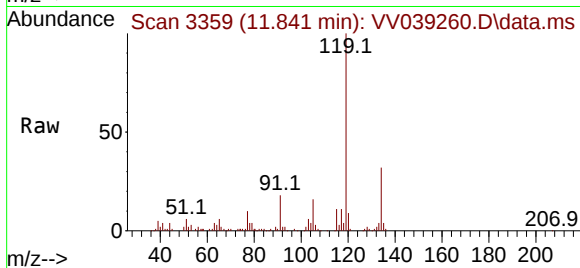
MW1

Tgt Ion:117 Resp: 6114

Ion Ratio Lower Upper

117 100

201 0.0 32.3 96.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 12.342 min Scan# 3515

Delta R.T. -0.007 min

Lab File: VV039260.D

Acq: 03 Oct 2025 19:11

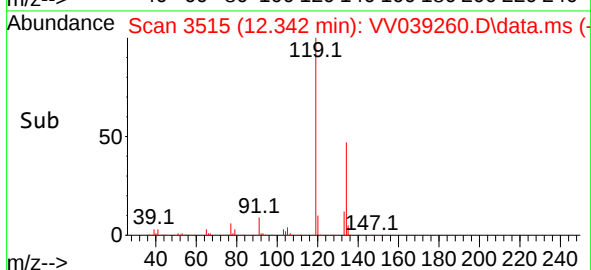
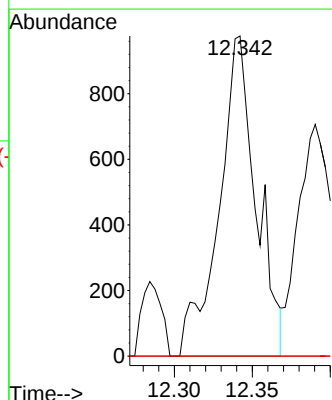
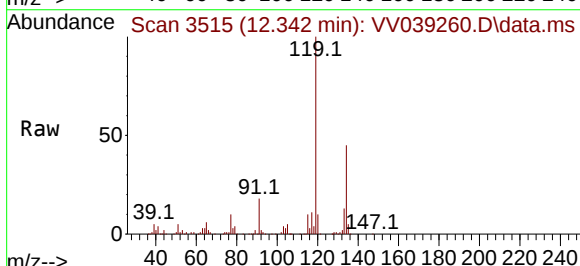
Tgt Ion: 75 Resp: 1612

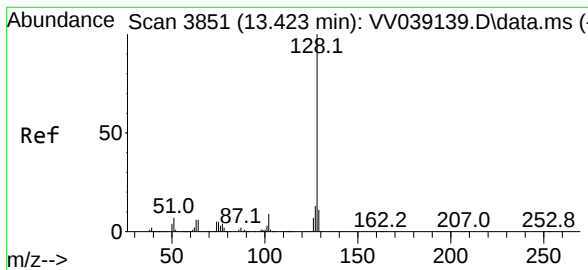
Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 49.5 148.3#





#95
Naphthalene
Concen: 15.289 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. 0.003 min
Lab File: VV039260.D
Acq: 03 Oct 2025 19:11

Instrument :
MSVOA_V
ClientSampleId :
MW1

Tgt Ion:128 Resp: 434653
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 10.7 8.6 13.0

