

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039179.D
 Acq On : 25 Sep 2025 14:25
 Operator : SY/MD
 Sample : Q3175-01DL2 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:28:35 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	4.603	168	457907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	814896	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	779302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	406825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	368510	55.605	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 111.220%	
35) Dibromofluoromethane	4.503	113	326916	49.902	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 99.800%	
50) Toluene-d8	7.239	98	872246	45.333	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 90.660%	
62) 4-Bromofluorobenzene	10.001	95	367137	46.351	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 92.700%	

Target Compounds				Qvalue		
6) Chloroethane	1.558	64	827	Below Cal	#	52
10) Methyl Iodide	2.207	142	1798	0.263	ug/l #	72
11) Tert butyl alcohol	2.574	59	289	0.206	ug/l #	73
13) Acrolein	1.989	56	512	2.107	ug/l #	1
14) Allyl chloride	2.484	41	20289	1.645	ug/l #	44
16) Acetone	2.130	43	3566	Below Cal		92
18) Methyl Acetate	2.484	43	53391	5.437	ug/l #	53
20) Methylene Chloride	2.458	84	4016	Below Cal	#	88
31) Cyclohexane	4.590	56	36779	3.112	ug/l #	79
36) 1,1-Dichloropropene	4.603	75	39197	3.957	ug/l #	51
38) Carbon Tetrachloride	4.603	117	49975	4.128	ug/l #	17
39) Methylcyclohexane	6.047	83	19339	1.617	ug/l	93
40) Benzene	5.018	78	114906	3.563	ug/l	97
41) Methacrylonitrile	4.185	41	533	2.005	ug/l #	8
48) Methyl methacrylate	6.291	41	1929	0.260	ug/l #	60
49) 1,4-Dioxane	6.355	88	48	0.400	ug/l #	25
52) Toluene	7.326	92	13136	0.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.545	63	66	9.634	ug/l	95
59) 2-Hexanone	8.056	43	153	2.343	ug/l	85
67) Ethyl Benzene	8.937	91	1804165	54.908	ug/l	100
68) m/p-Xylenes	9.062	106	895770	70.633	ug/l	98
69) o-Xylene	9.480	106	8550	0.761	ug/l	88
70) Styrene	9.397	104	478	1.581	ug/l	93
73) Isopropylbenzene	9.860	105	64305	2.179	ug/l	97
76) 1,2,3-Trichloropropane	10.001	75	185458	20.022	ug/l #	56
78) n-propylbenzene	10.281	91	211654	5.890	ug/l	100
79) 2-Chlorotoluene	10.400	91	33397	1.553	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.468	105	267764	10.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.001	75	185458	48.066	ug/l #	13
82) 4-Chlorotoluene	10.468	91	32138	1.289	ug/l #	46
83) tert-Butylbenzene	10.841	119	151607	6.199	ug/l #	57
84) 1,2,4-Trimethylbenzene	10.841	105	1212989	50.943	ug/l	99
85) sec-Butylbenzene	10.841	105	1212989	37.394	ug/l #	58
86) p-Isopropyltoluene	11.123	119	11193	0.415	ug/l	87
89) n-Butylbenzene	11.580	91	29385	1.140	ug/l #	32
90) Hexachloroethane	11.841	117	5182	0.779	ug/l #	18

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

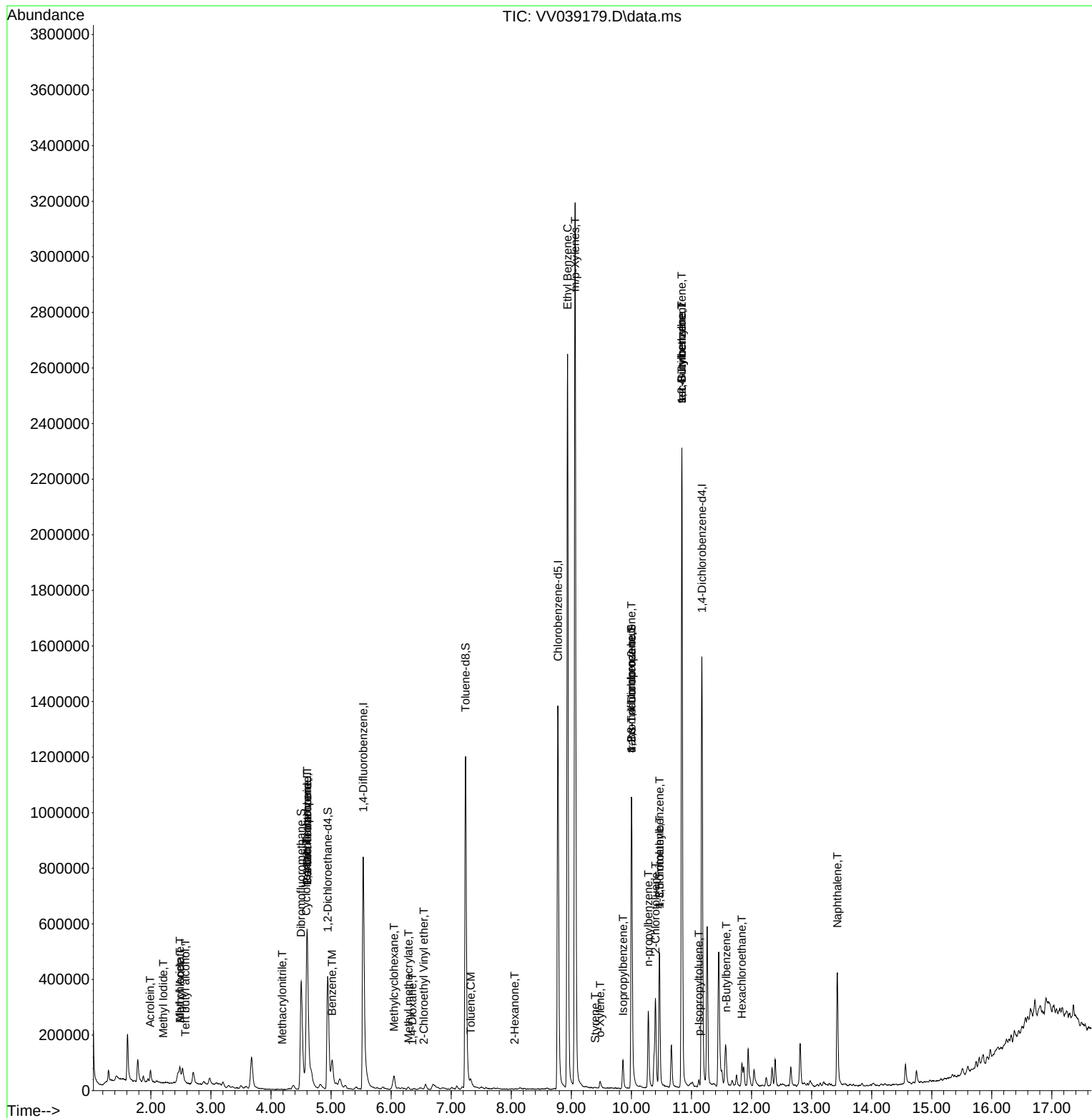
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	12.236	75	134	Below Cal		75
95) Naphthalene	13.429	128	343331	12.801 ug/l		99

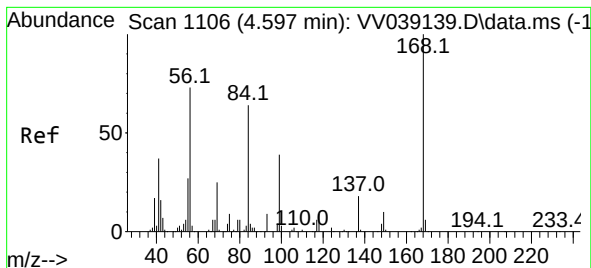
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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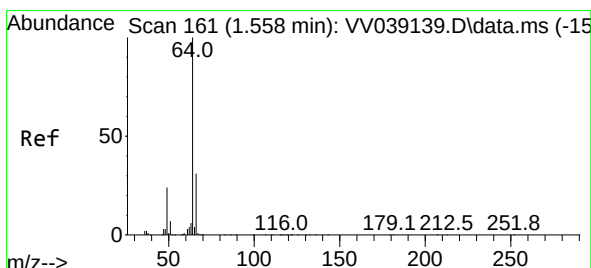
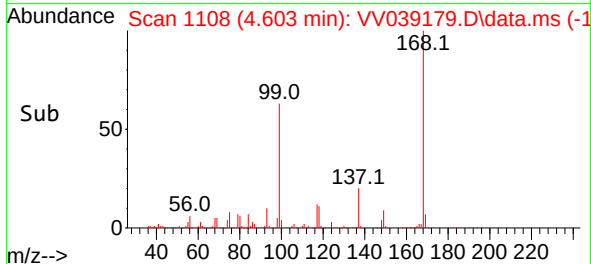
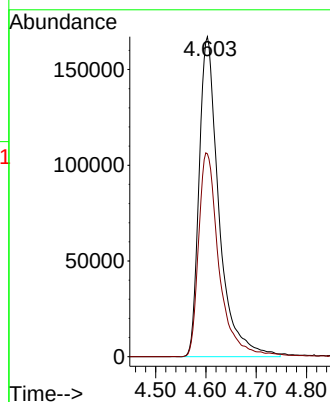
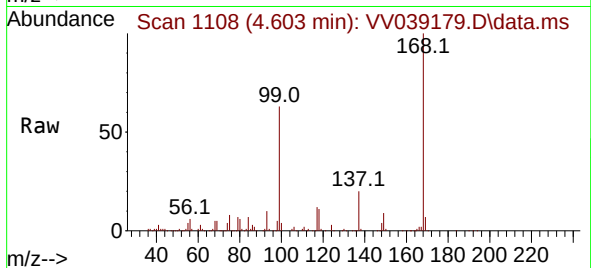




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

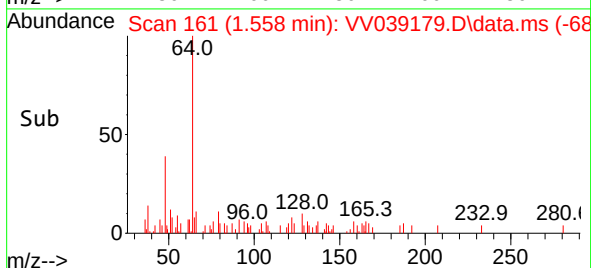
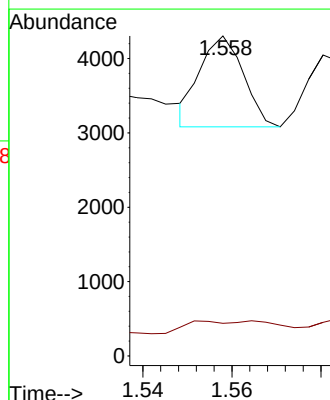
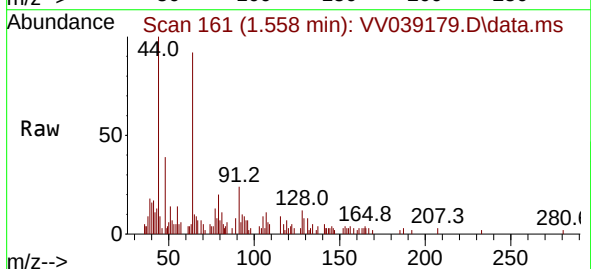
Instrument :
MSVOA_V
ClientSampleId :

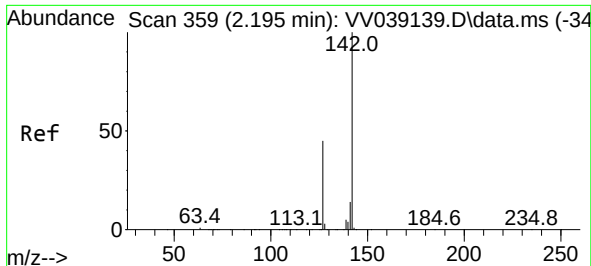
Tgt Ion:168 Resp: 457907
Ion Ratio Lower Upper
168 100
99 63.4 49.6 74.4



#6
Chloroethane
Concen: Below Cal
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 64 Resp: 827
Ion Ratio Lower Upper
64 100
66 4.4 24.6 36.8#

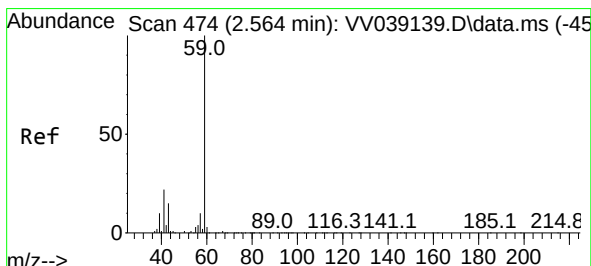
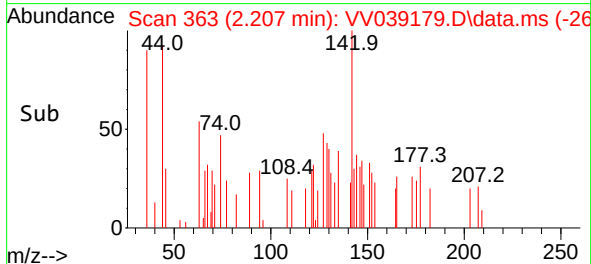
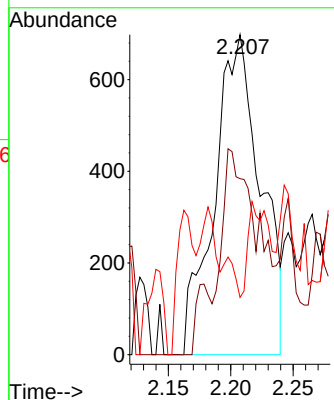
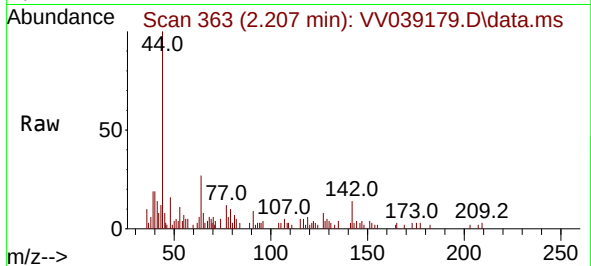




#10
Methyl Iodide
Concen: 0.263 ug/l
RT: 2.207 min Scan# 30
Delta R.T. 0.013 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

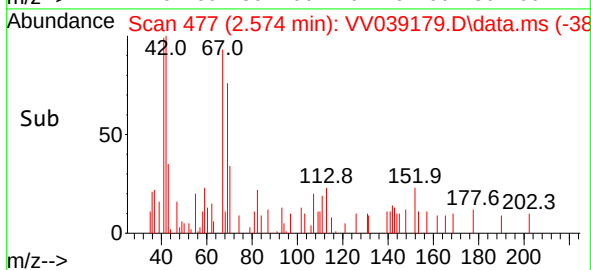
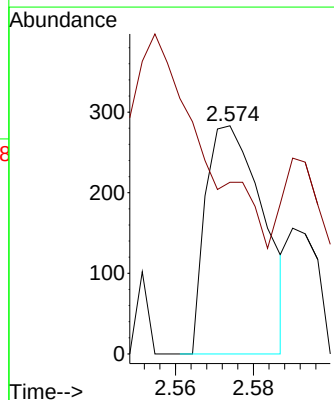
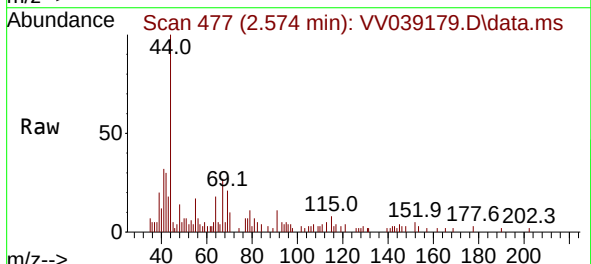
Instrument :
MSVOA_V
ClientSampleId :

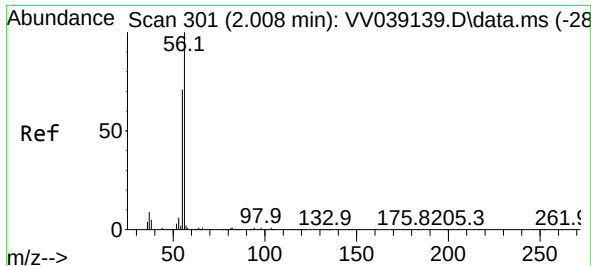
Tgt Ion:142 Resp: 1798
Ion Ratio Lower Upper
142 100
127 27.4 36.3 54.5#
141 25.4 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.206 ug/l
RT: 2.574 min Scan# 477
Delta R.T. 0.010 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 59 Resp: 289
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

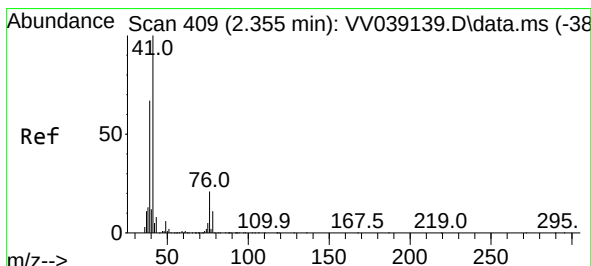
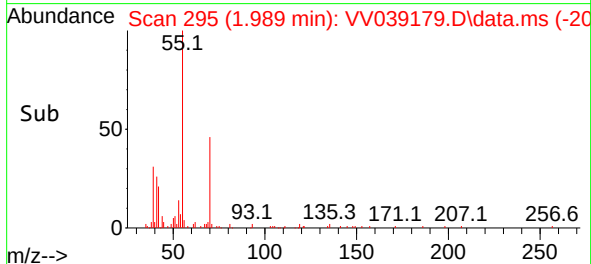
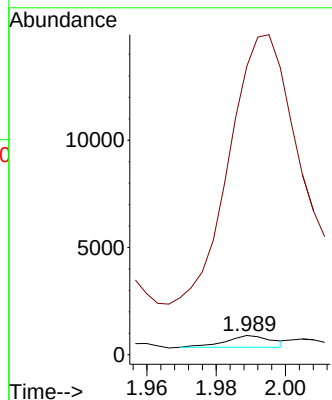
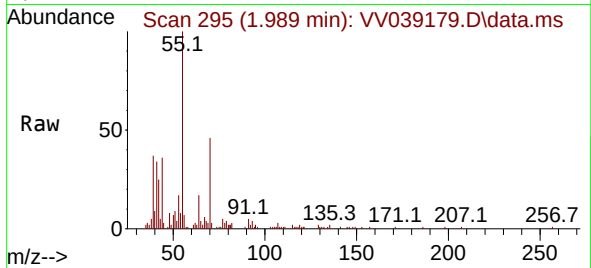




#13
Acrolein
Concen: 2.107 ug/l
RT: 1.989 min Scan# 24
Delta R.T. -0.019 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

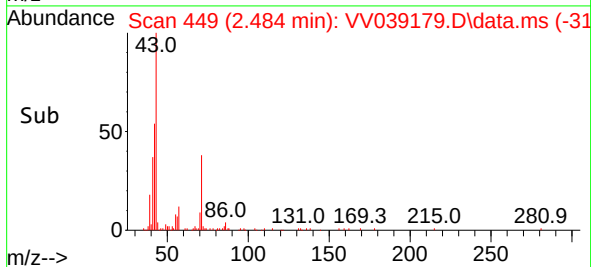
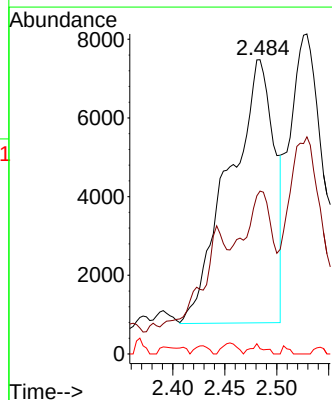
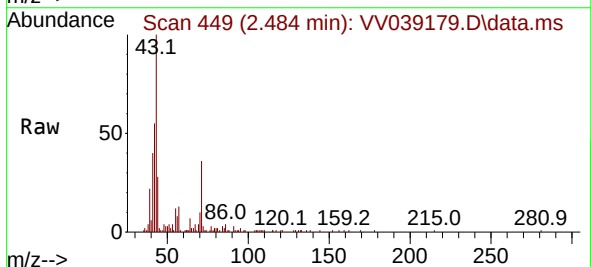
Instrument :
MSVOA_V
ClientSampleId :

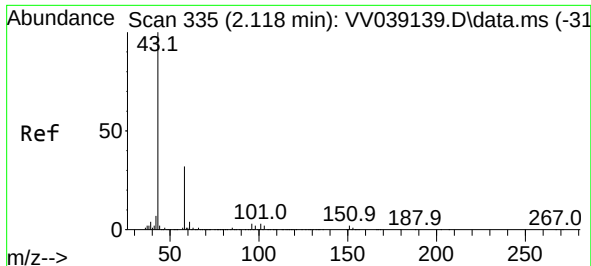
Tgt Ion: 56 Resp: 512
Ion Ratio Lower Upper
56 100
55 4449.0 56.2 84.4#



#14
Allyl chloride
Concen: 1.645 ug/l
RT: 2.484 min Scan# 449
Delta R.T. 0.129 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 41 Resp: 20289
Ion Ratio Lower Upper
41 100
39 21.8 51.0 76.6#
76 1.1 28.2 42.4#

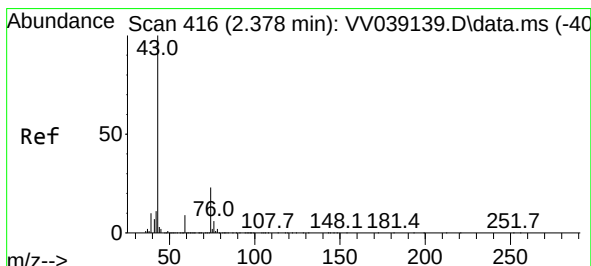
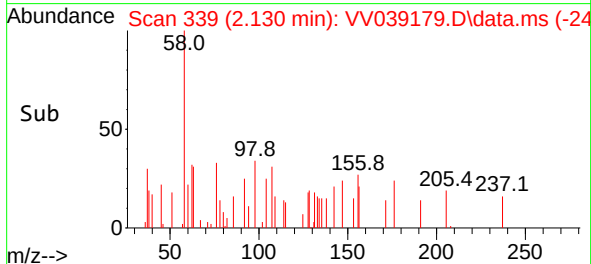
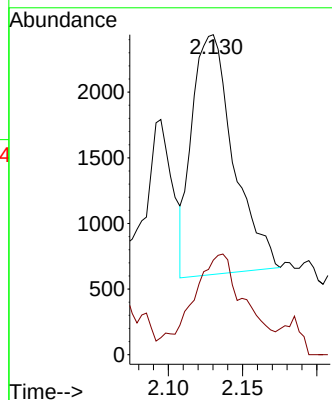
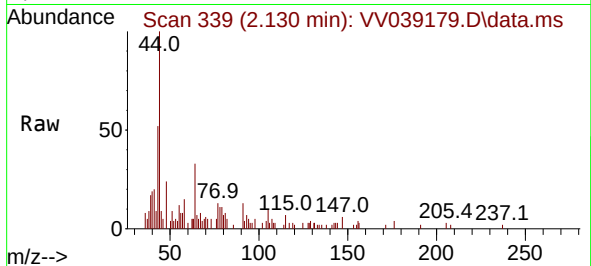




#16
Acetone
Concen: Below Cal
RT: 2.130 min Scan# 31
Delta R.T. 0.012 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

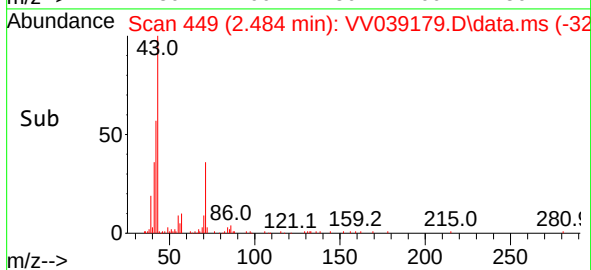
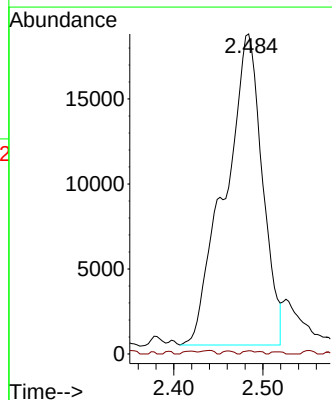
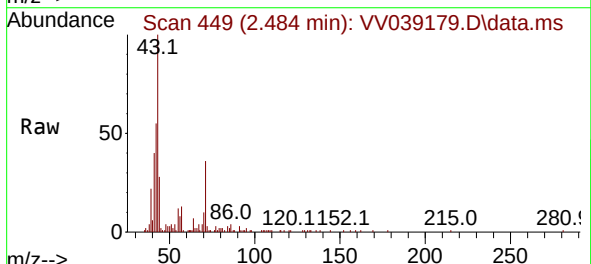
Instrument :
MSVOA_V
ClientSampleId :

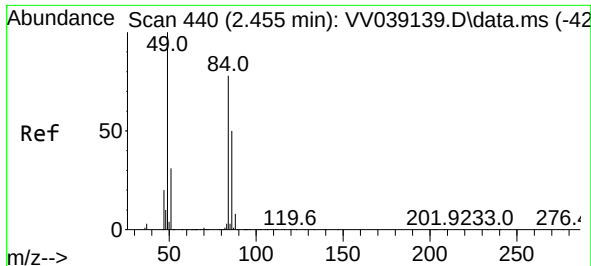
Tgt Ion: 43 Resp: 3566
Ion Ratio Lower Upper
43 100
58 28.0 25.8 38.6



#18
Methyl Acetate
Concen: 5.437 ug/l
RT: 2.484 min Scan# 449
Delta R.T. 0.106 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 43 Resp: 53391
Ion Ratio Lower Upper
43 100
74 0.4 18.6 27.8#

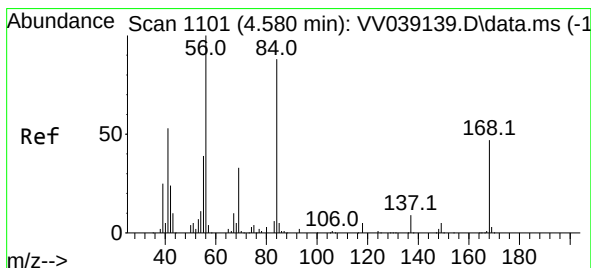
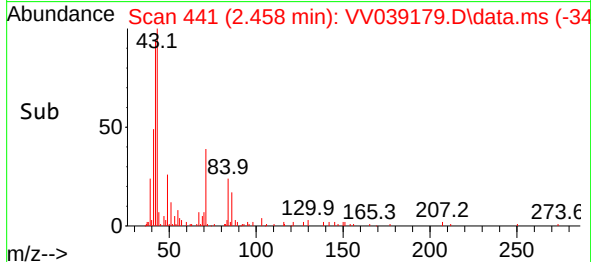
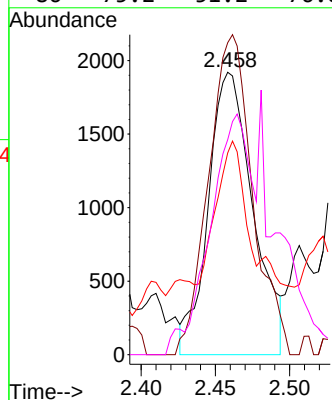
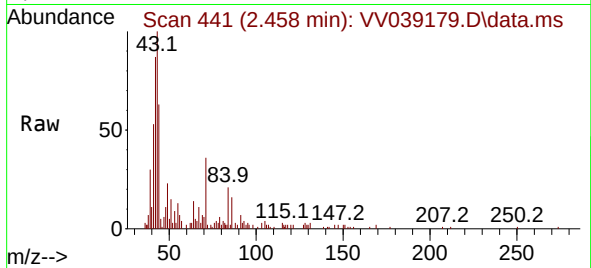




#20
Methylene Chloride
Concen: Below Cal
RT: 2.458 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

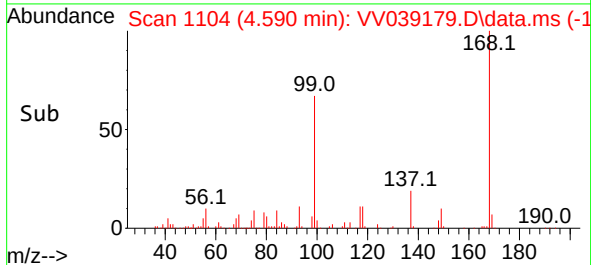
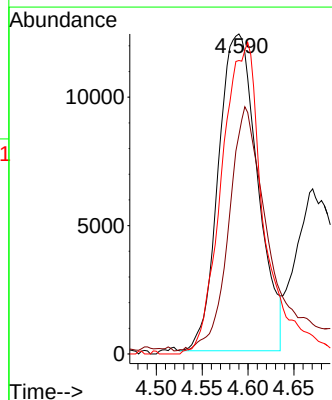
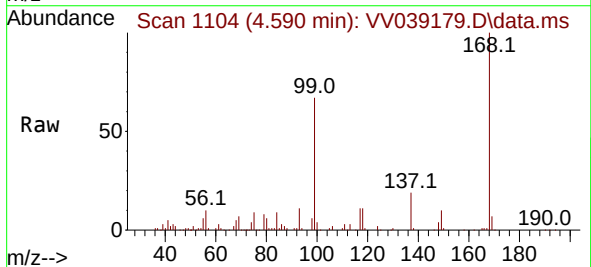
Instrument :
MSVOA_V
ClientSampleId :

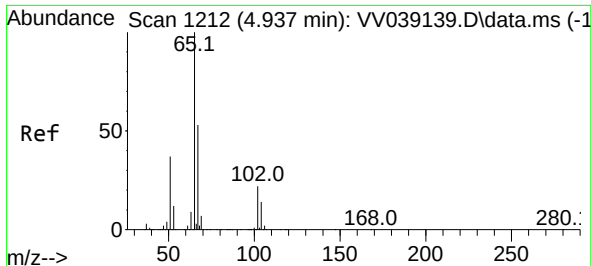
Tgt Ion:	84	Resp:	4016
Ion	Ratio	Lower	Upper
84	100		
49	117.4	102.8	154.2
51	51.7	31.9	47.9#
86	75.2	51.2	76.8



#31
Cyclohexane
Concen: 3.112 ug/l
RT: 4.590 min Scan# 1104
Delta R.T. 0.010 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:	56	Resp:	36779
Ion	Ratio	Lower	Upper
56	100		
69	67.7	26.2	39.2#
84	92.6	70.3	105.5





#33

1,2-Dichloroethane-d4

Concen: 55.605 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

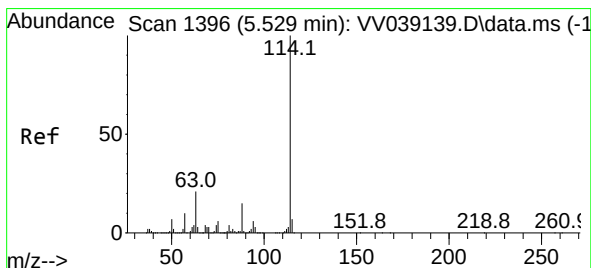
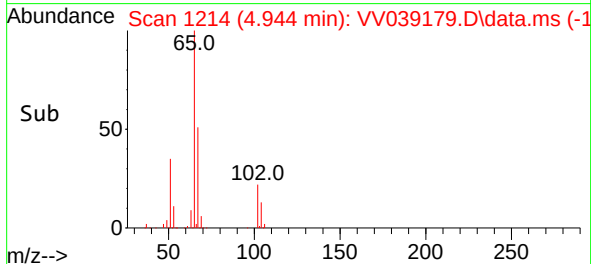
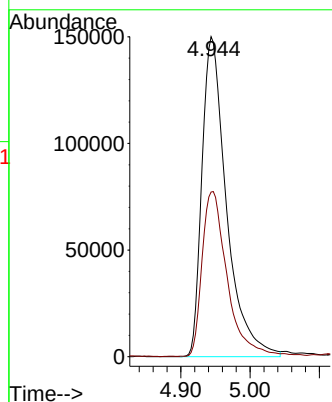
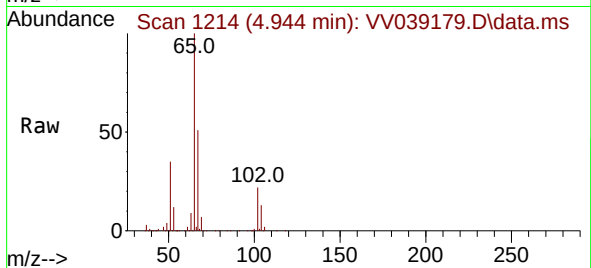
ClientSampleId :

Tgt Ion: 65 Resp: 368510

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

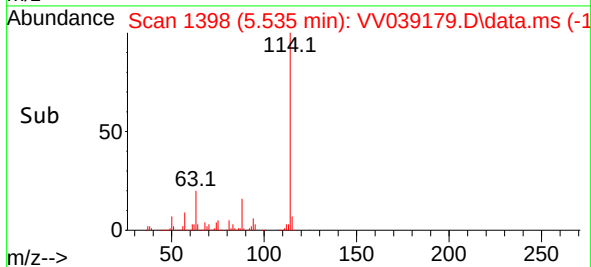
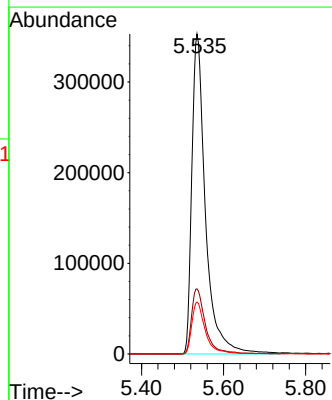
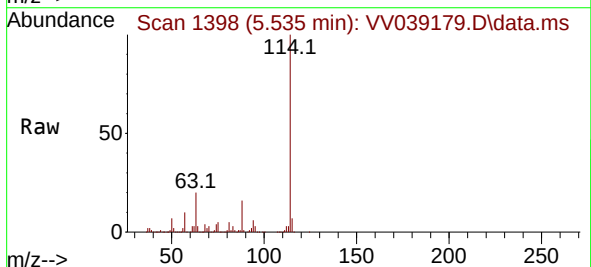
Tgt Ion: 114 Resp: 814896

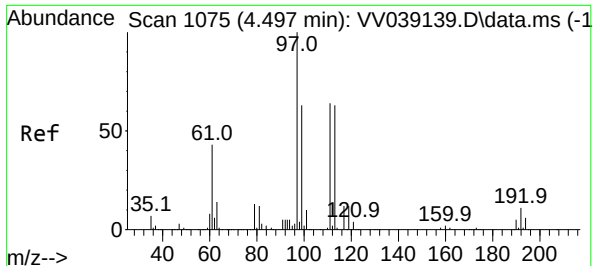
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 16.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.902 ug/l

RT: 4.503 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

ClientSampleId :

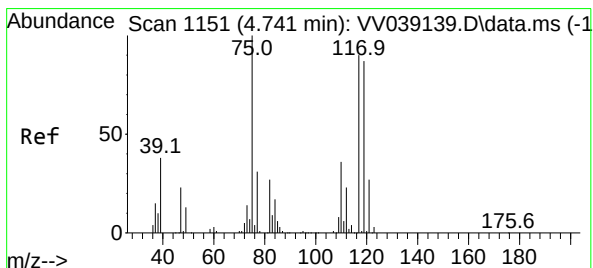
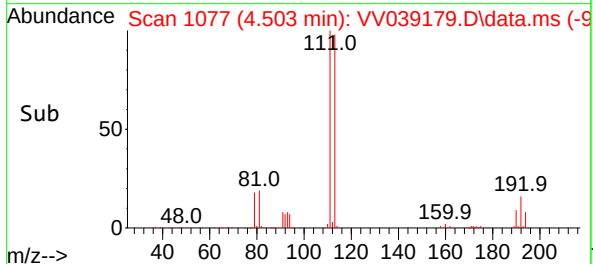
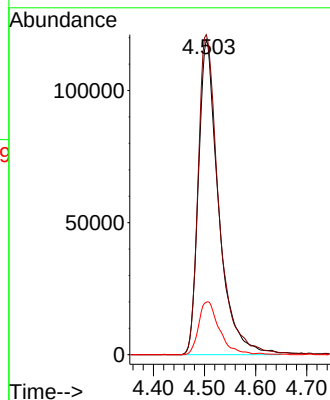
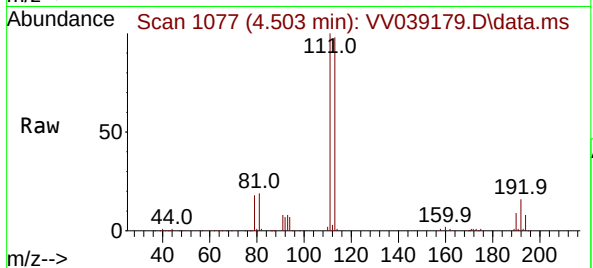
Tgt Ion:113 Resp: 326916

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 17.2 13.8 20.8



#36

1,1-Dichloropropene

Concen: 3.957 ug/l

RT: 4.603 min Scan# 1108

Delta R.T. -0.138 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

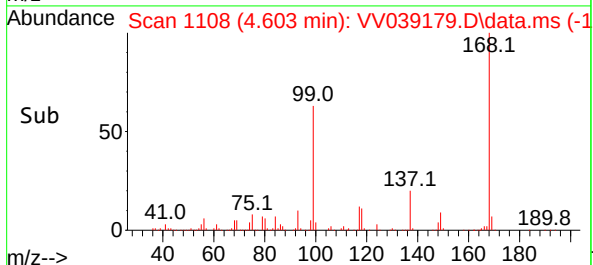
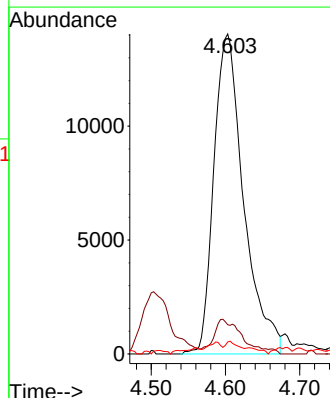
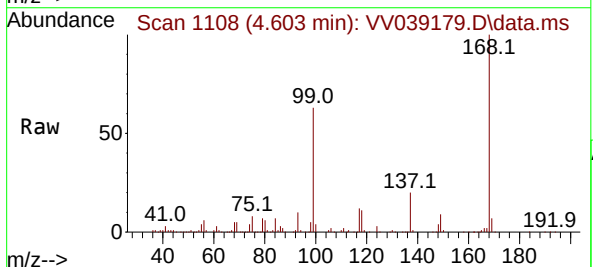
Tgt Ion: 75 Resp: 39197

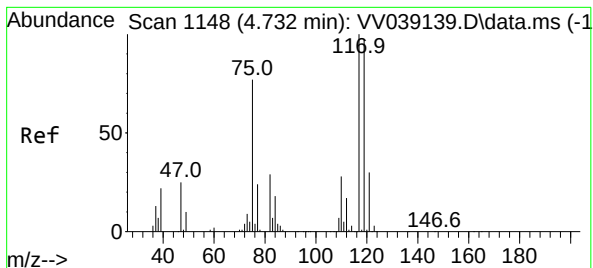
Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.1#

77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 4.128 ug/l

RT: 4.603 min Scan# 1108

Delta R.T. -0.129 min

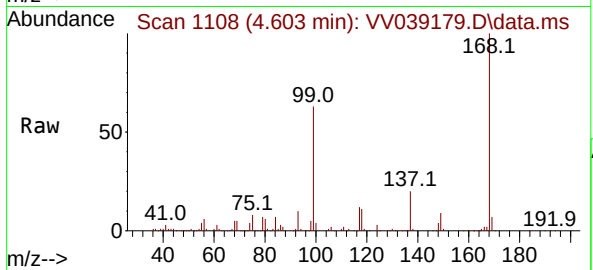
Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

ClientSampleId :



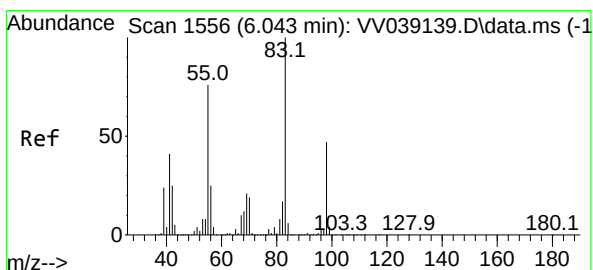
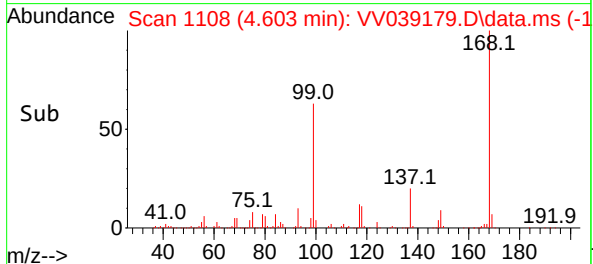
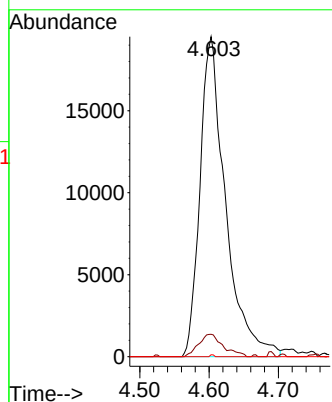
Tgt Ion: 117 Resp: 49975

Ion Ratio Lower Upper

117 100

119 7.0 77.2 115.8#

121 0.6 24.2 36.2#



#39

Methylcyclohexane

Concen: 1.617 ug/l

RT: 6.047 min Scan# 1557

Delta R.T. 0.004 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

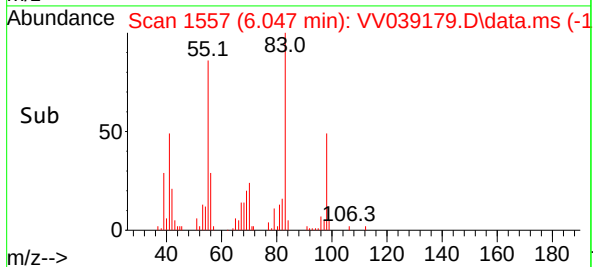
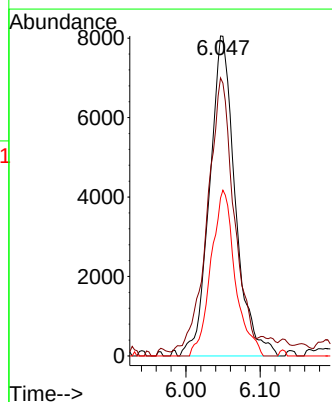
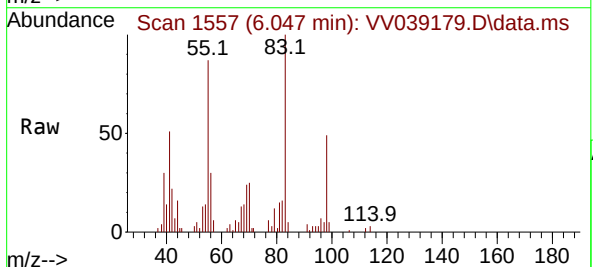
Tgt Ion: 83 Resp: 19339

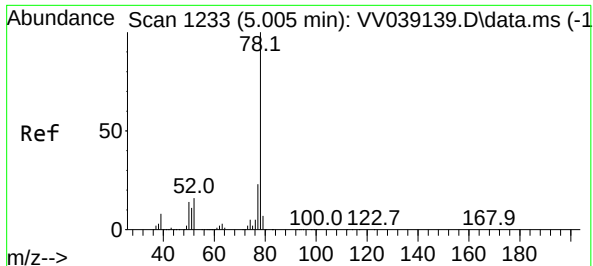
Ion Ratio Lower Upper

83 100

55 83.8 60.5 90.7

98 49.3 37.8 56.6

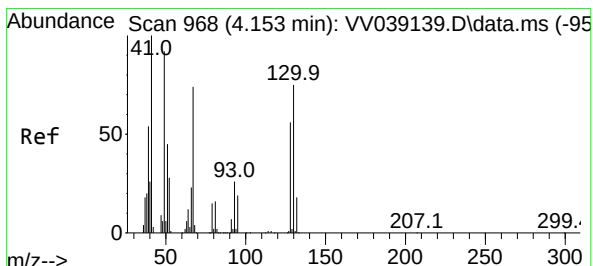
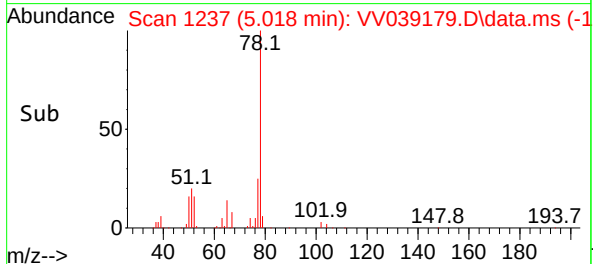
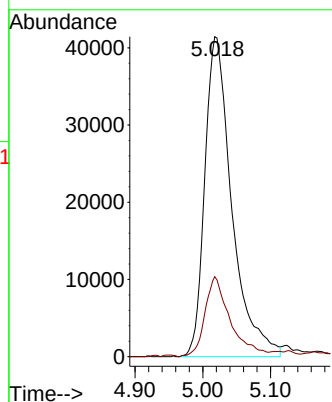
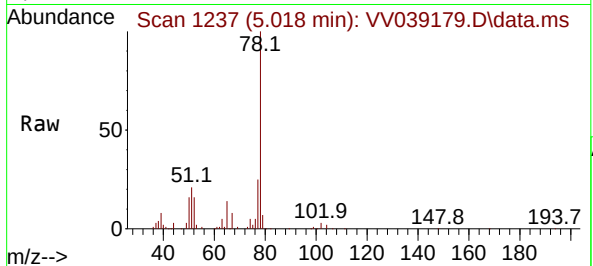




#40
Benzene
Concen: 3.563 ug/l
RT: 5.018 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

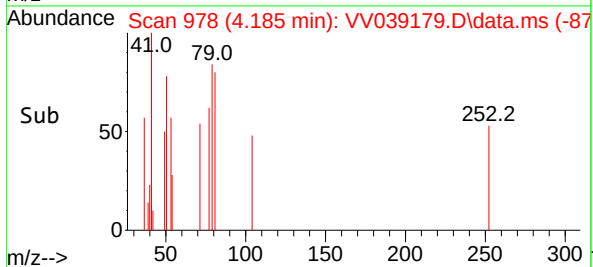
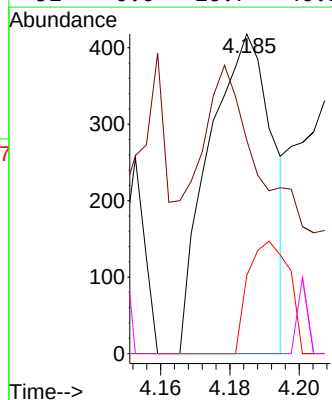
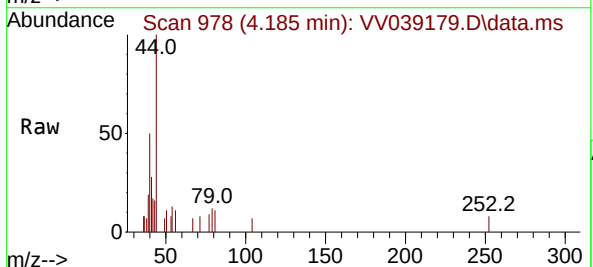
Instrument :
MSVOA_V
ClientSampleId :

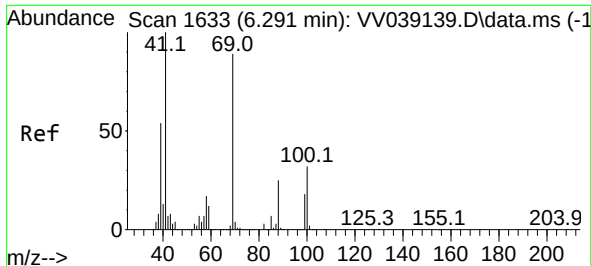
Tgt Ion: 78 Resp: 114906
Ion Ratio Lower Upper
78 100
77 25.0 18.7 28.1



#41
Methacrylonitrile
Concen: 2.005 ug/l
RT: 4.185 min Scan# 978
Delta R.T. 0.032 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 41 Resp: 533
Ion Ratio Lower Upper
41 100
39 131.0 42.2 63.2#
67 0.0 67.9 101.9#
52 0.0 26.7 40.1#

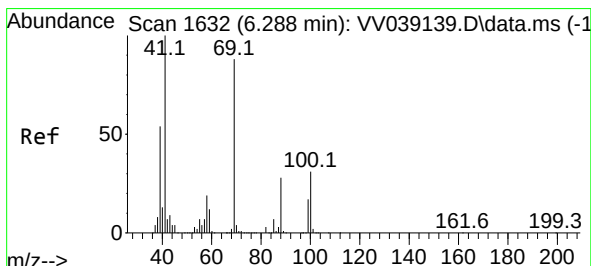
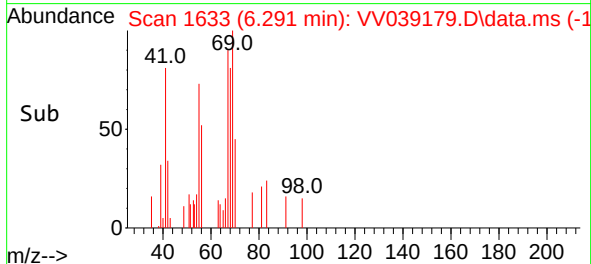
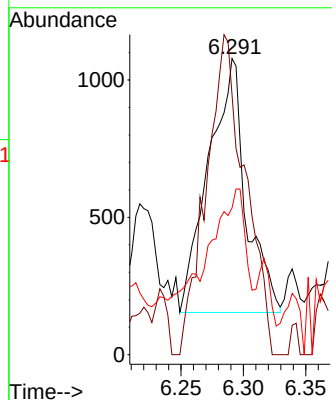
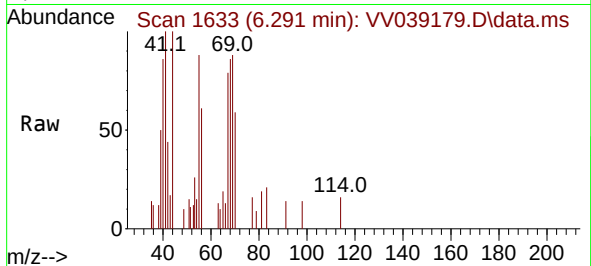




#48
Methyl methacrylate
Concen: 0.260 ug/l
RT: 6.291 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

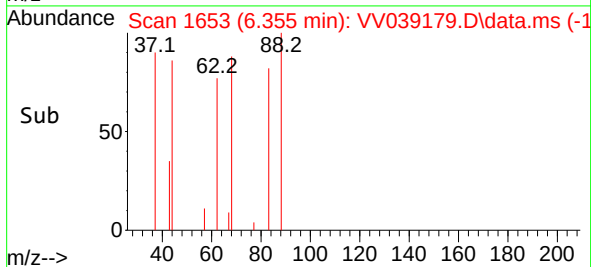
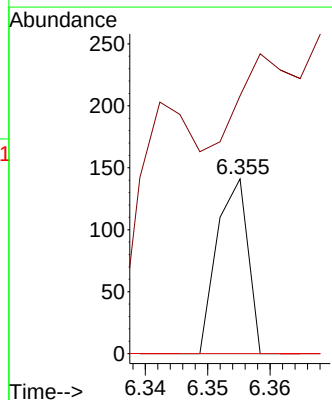
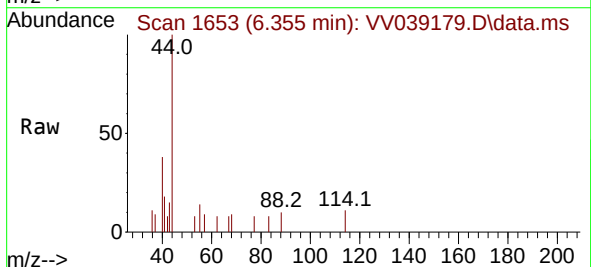
Instrument :
MSVOA_V
ClientSampleId :

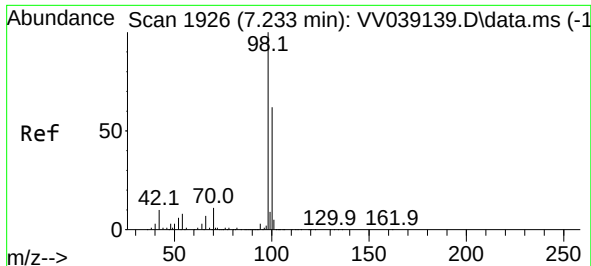
Tgt Ion: 41 Resp: 1929
Ion Ratio Lower Upper
41 100
69 130.5 72.4 108.6#
39 27.7 42.5 63.7#



#49
1,4-Dioxane
Concen: 0.400 ug/l
RT: 6.355 min Scan# 1653
Delta R.T. 0.067 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 53.6 80.4#





#50

Toluene-d8

Concen: 45.333 ug/l

RT: 7.239 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

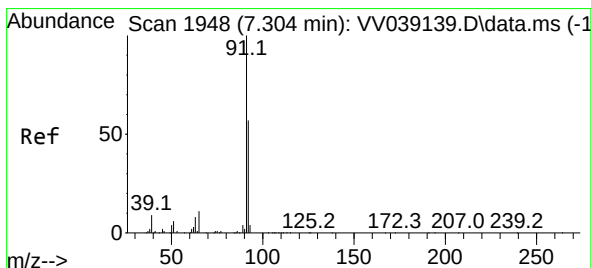
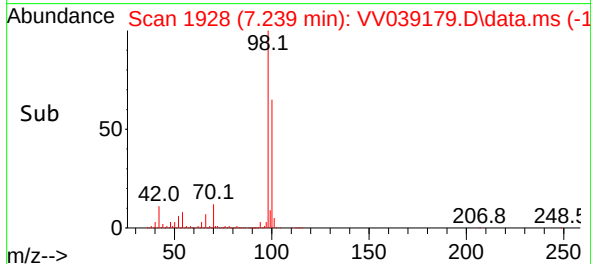
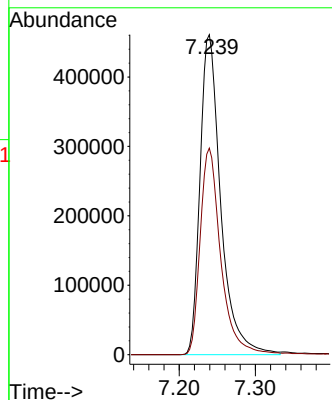
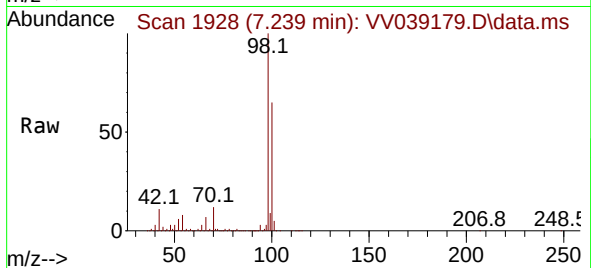
ClientSampleId :

Tgt Ion: 98 Resp: 872246

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#52

Toluene

Concen: 0.702 ug/l

RT: 7.326 min Scan# 1955

Delta R.T. 0.022 min

Lab File: VV039179.D

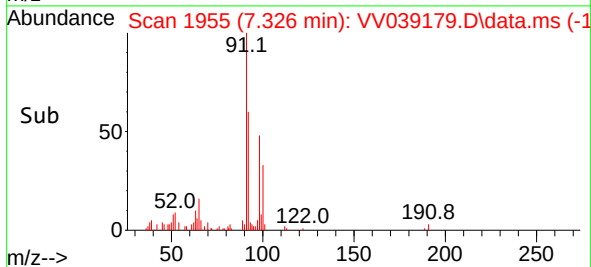
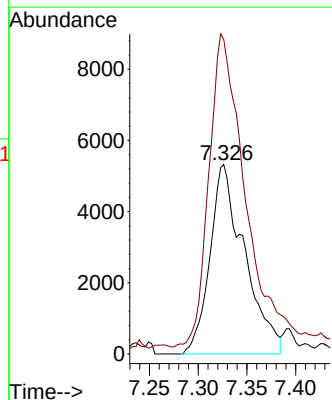
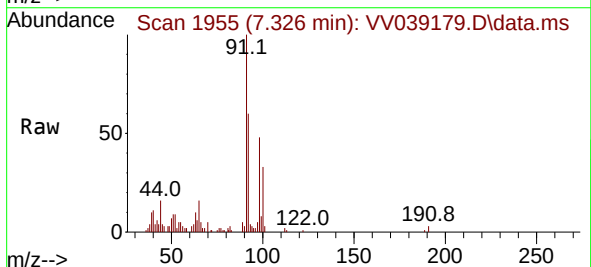
Acq: 25 Sep 2025 14:25

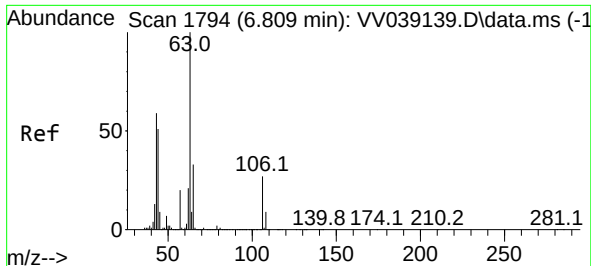
Tgt Ion: 92 Resp: 13136

Ion Ratio Lower Upper

92 100

91 174.9 139.2 208.8

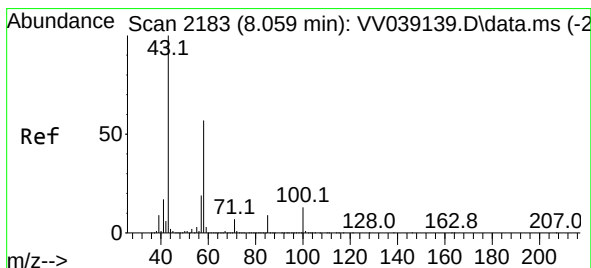
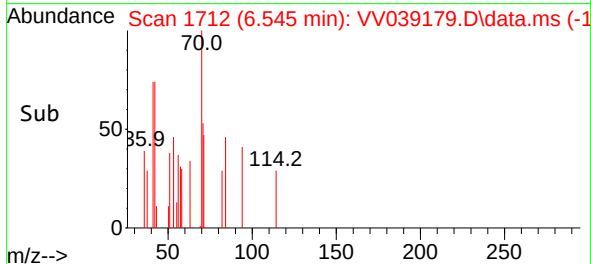
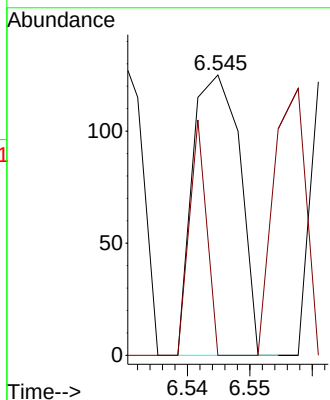
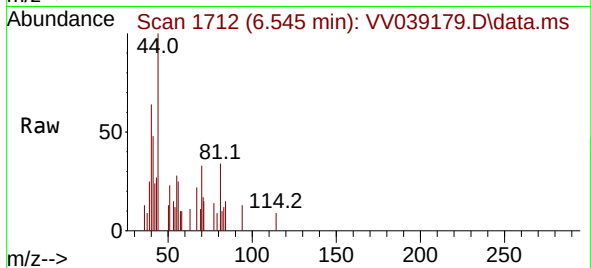




#58
2-Chloroethyl Vinyl ether
Concen: 9.634 ug/l
RT: 6.545 min Scan# 11
Delta R.T. -0.264 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

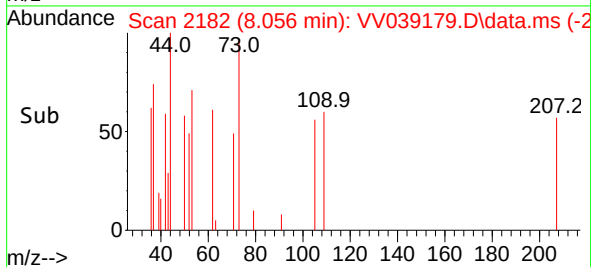
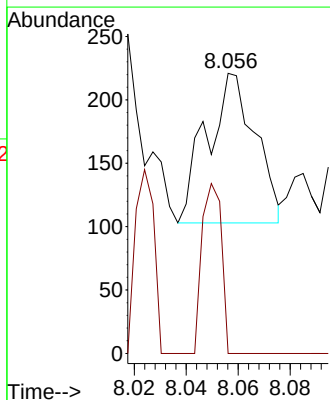
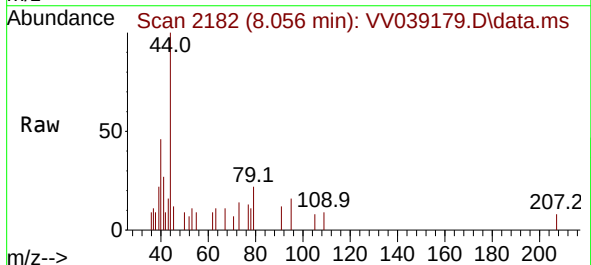
Instrument :
MSVOA_V
ClientSampleId :

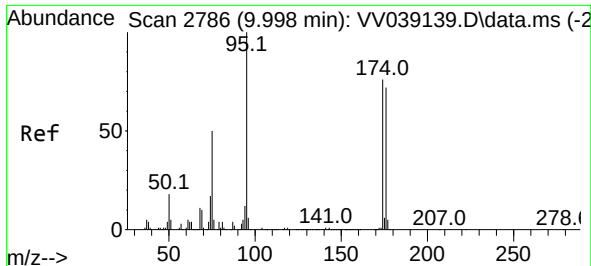
Tgt Ion: 63 Resp: 66
Ion Ratio Lower Upper
63 100
106 30.3 22.1 33.1



#59
2-Hexanone
Concen: 2.343 ug/l
RT: 8.056 min Scan# 2182
Delta R.T. -0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
58 45.8 28.3 85.0





#62

4-Bromofluorobenzene

Concen: 46.351 ug/l

RT: 10.001 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

ClientSampleId :

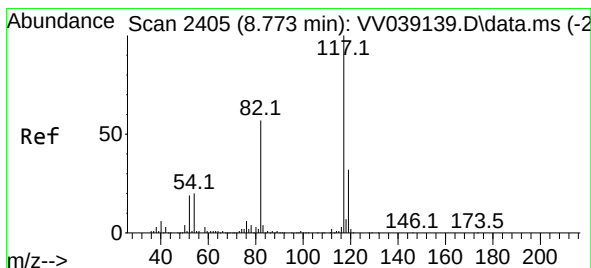
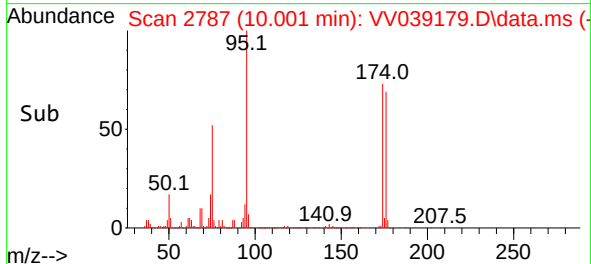
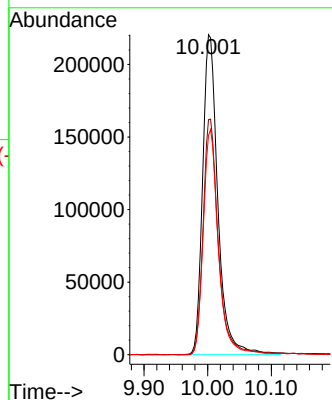
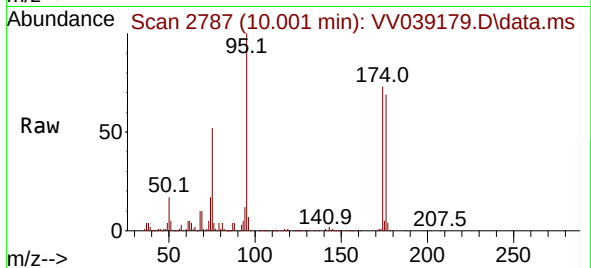
Tgt Ion: 95 Resp: 367137

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

176 69.4 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: VV039179.D

Acq: 25 Sep 2025 14:25

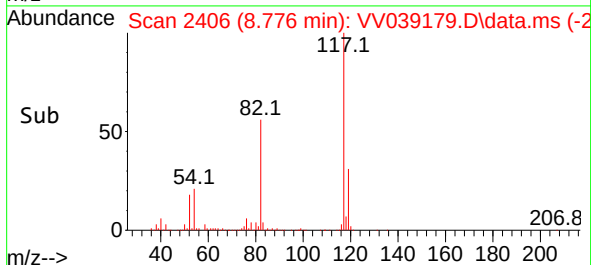
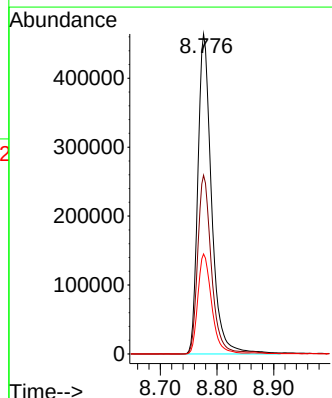
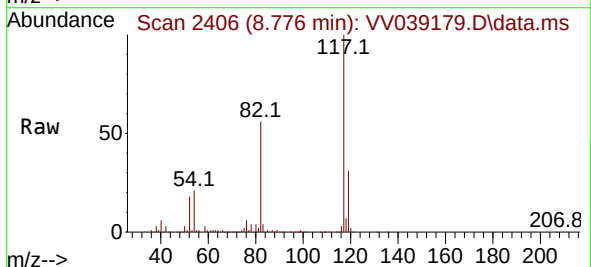
Tgt Ion: 117 Resp: 779302

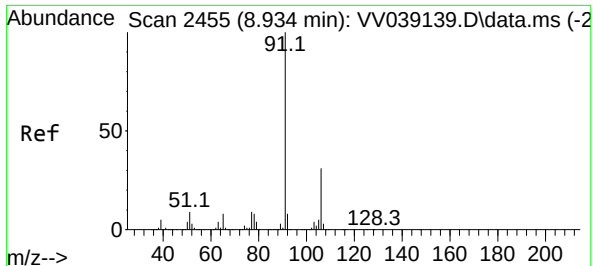
Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.2

119 31.3 25.6 38.4





#67

Ethyl Benzene

Concen: 54.908 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

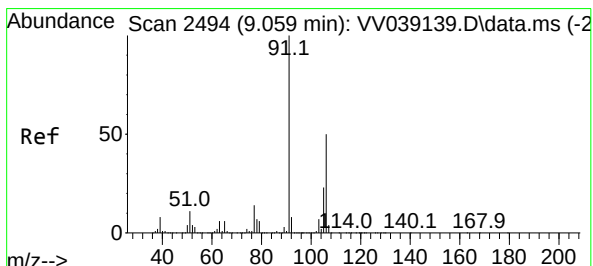
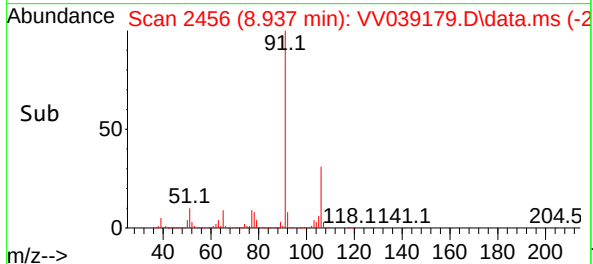
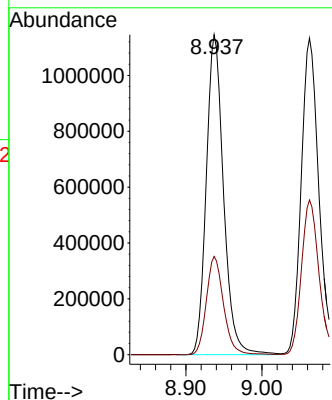
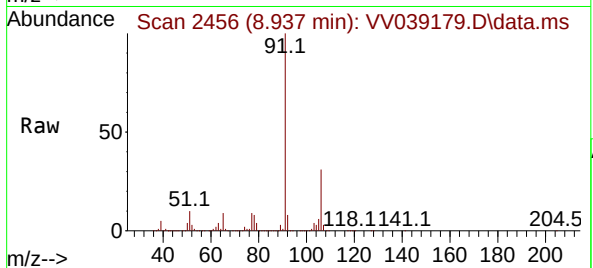
ClientSampleId :

Tgt Ion: 91 Resp: 1804165

Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0



#68

m/p-Xylenes

Concen: 70.633 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. 0.003 min

Lab File: VV039179.D

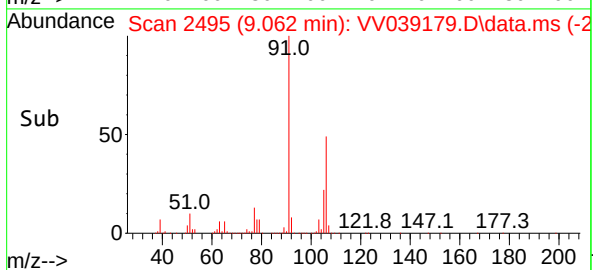
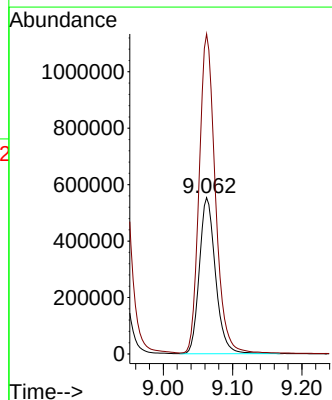
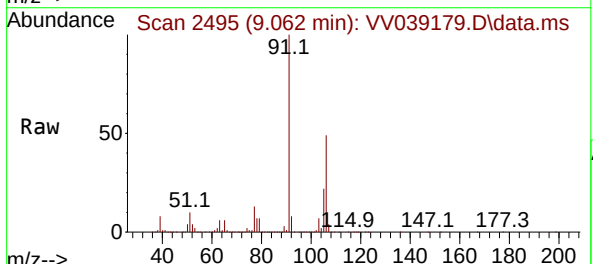
Acq: 25 Sep 2025 14:25

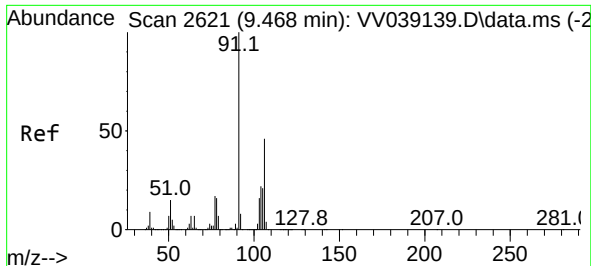
Tgt Ion:106 Resp: 895770

Ion Ratio Lower Upper

106 100

91 206.7 162.5 243.7

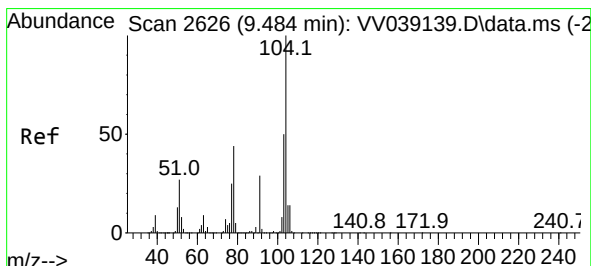
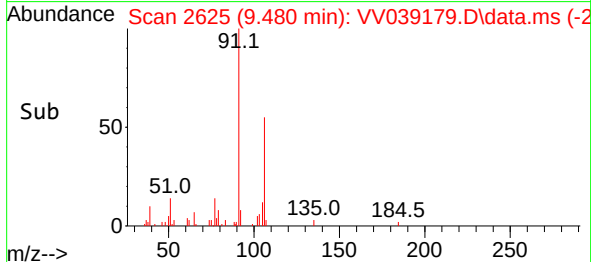
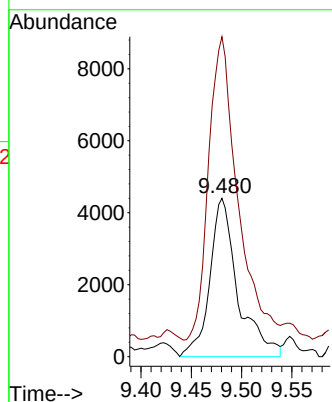
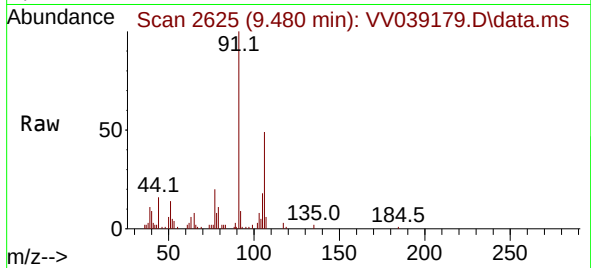




#69
o-Xylene
Concen: 0.761 ug/l
RT: 9.480 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

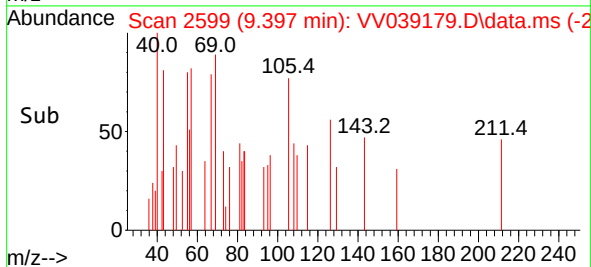
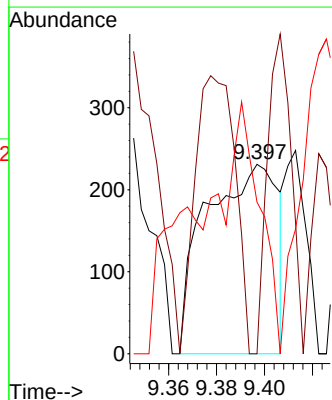
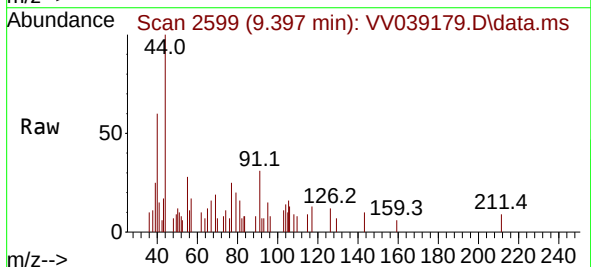
Instrument :
MSVOA_V
ClientSampleId :

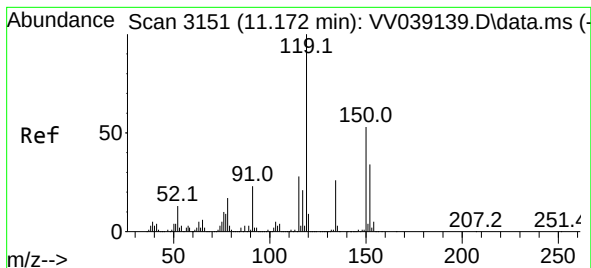
Tgt Ion:106 Resp: 8550
Ion Ratio Lower Upper
106 100
91 198.5 109.1 327.3



#70
Styrene
Concen: 1.581 ug/l
RT: 9.397 min Scan# 2599
Delta R.T. -0.087 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion:104 Resp: 478
Ion Ratio Lower Upper
104 100
78 55.9 39.8 59.6
103 50.8 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

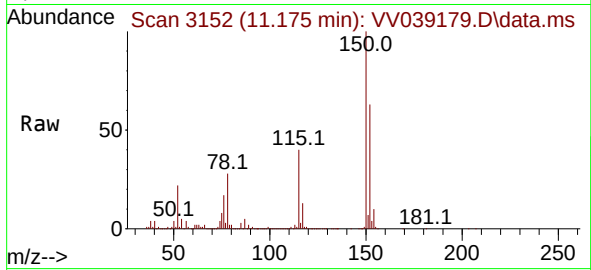
Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

ClientSampleId :



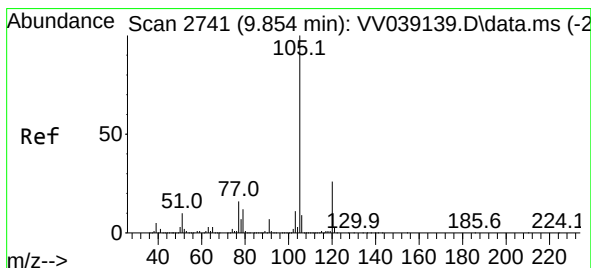
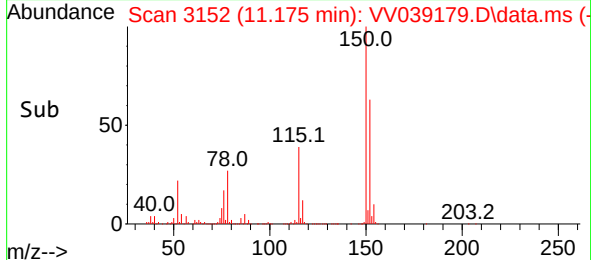
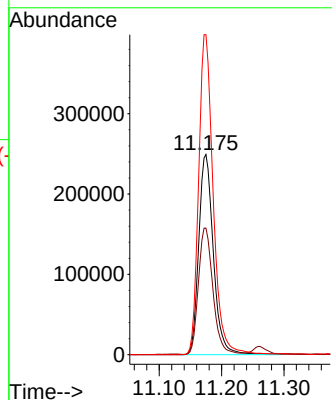
Tgt Ion:152 Resp: 406825

Ion Ratio Lower Upper

152 100

115 62.4 44.8 134.4

150 158.5 0.0 353.8



#73

Isopropylbenzene

Concen: 2.179 ug/l

RT: 9.860 min Scan# 2743

Delta R.T. 0.006 min

Lab File: VV039179.D

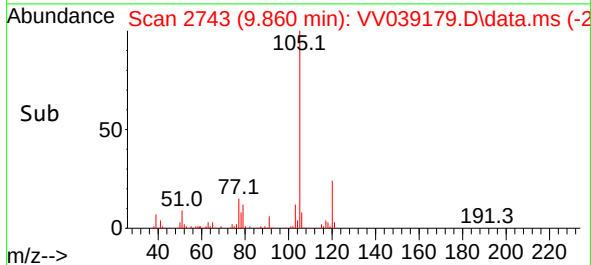
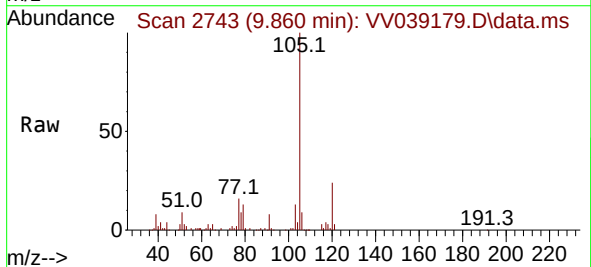
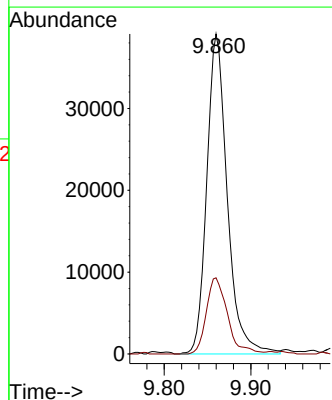
Acq: 25 Sep 2025 14:25

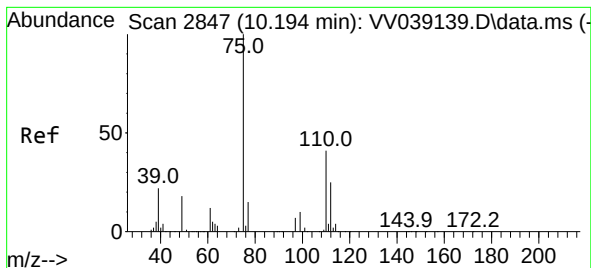
Tgt Ion:105 Resp: 64305

Ion Ratio Lower Upper

105 100

120 24.6 13.1 39.1





#76

1,2,3-Trichloropropane

Concen: 20.022 ug/l

RT: 10.001 min Scan# 21

Delta R.T. -0.193 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

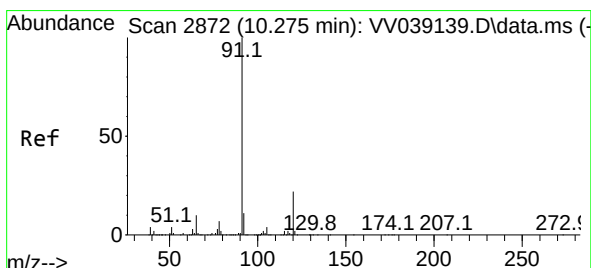
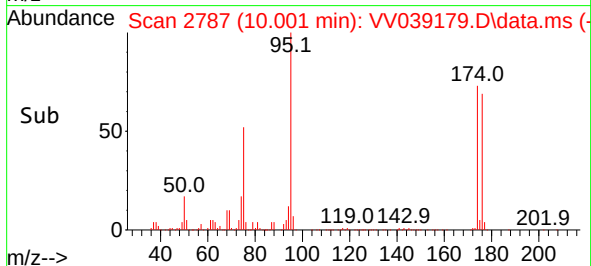
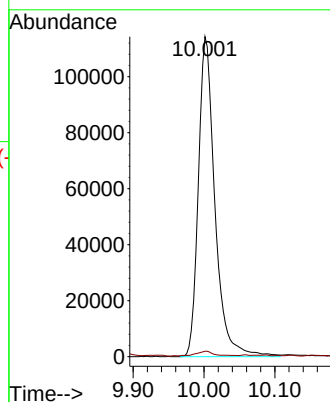
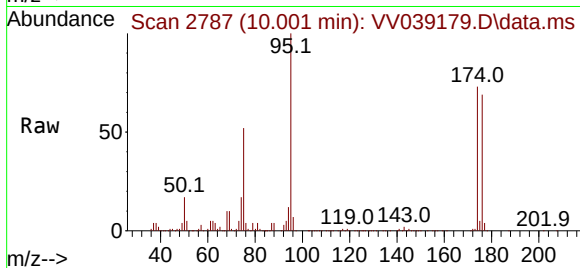
ClientSampleId :

Tgt Ion: 75 Resp: 185458

Ion Ratio Lower Upper

75 100

77 1.5 11.3 33.8#



#78

n-propylbenzene

Concen: 5.890 ug/l

RT: 10.281 min Scan# 2874

Delta R.T. 0.006 min

Lab File: VV039179.D

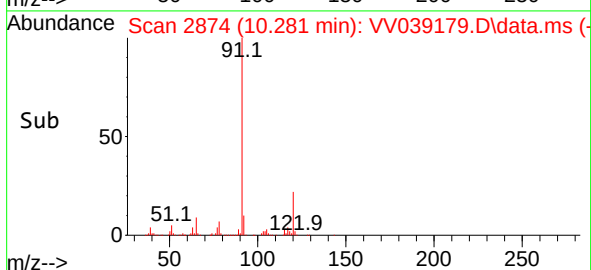
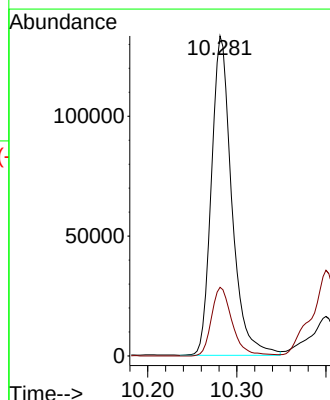
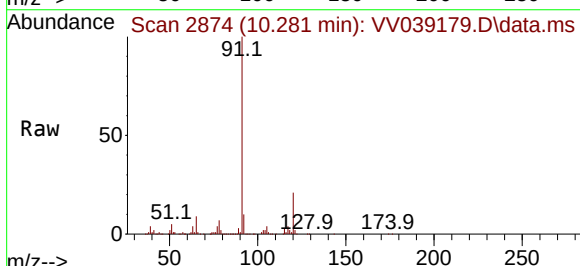
Acq: 25 Sep 2025 14:25

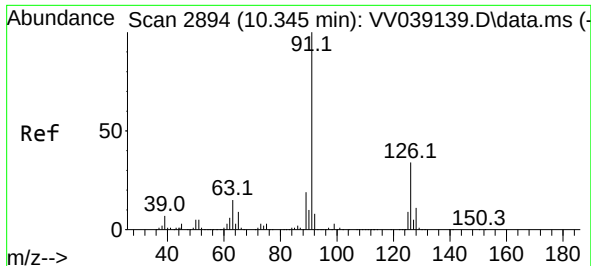
Tgt Ion: 91 Resp: 211654

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.3

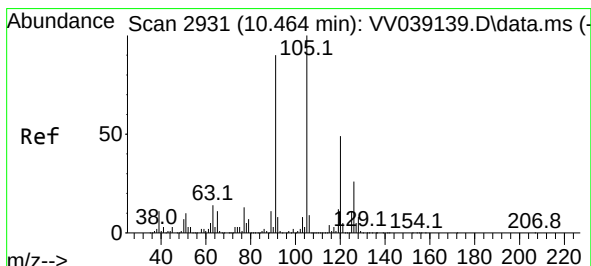
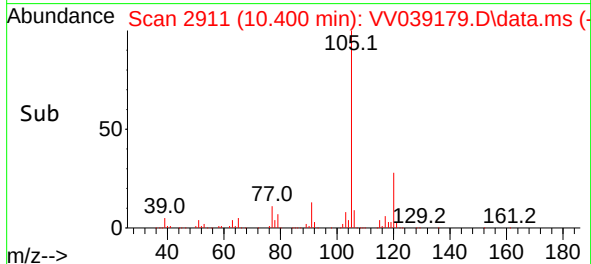
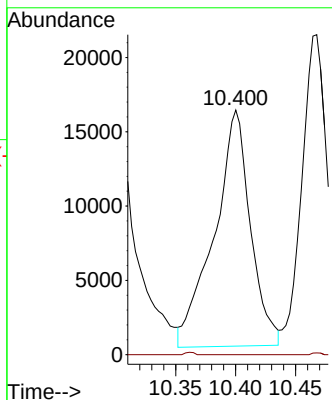
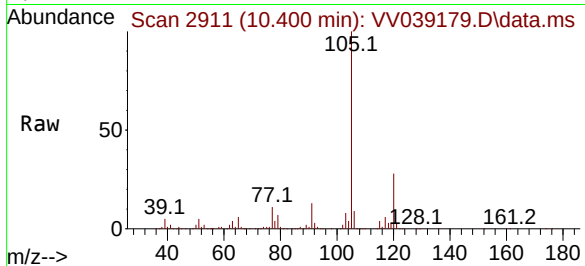




#79
2-Chlorotoluene
Concen: 1.553 ug/l
RT: 10.400 min Scan# 2911
Delta R.T. 0.055 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

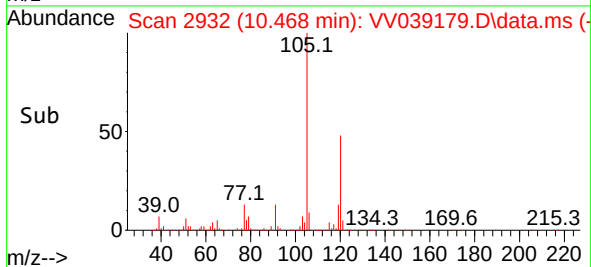
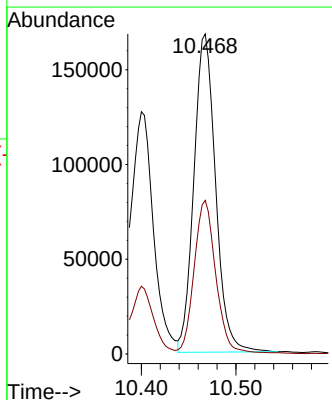
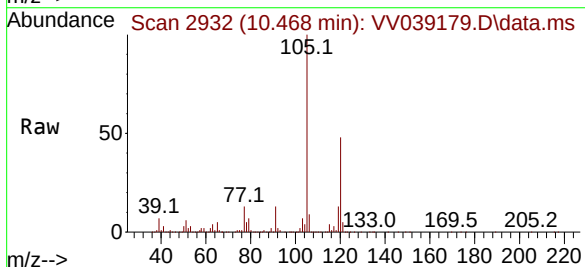
Instrument :
MSVOA_V
ClientSampleId :

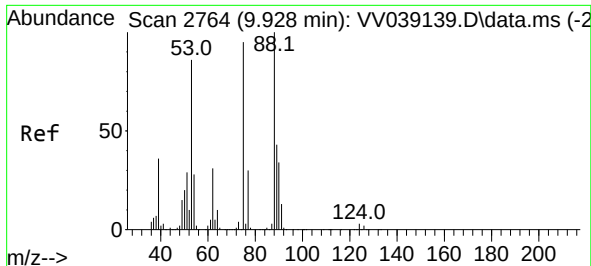
Tgt Ion: 91 Resp: 33397
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#80
1,3,5-Trimethylbenzene
Concen: 10.918 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 105 Resp: 267764
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

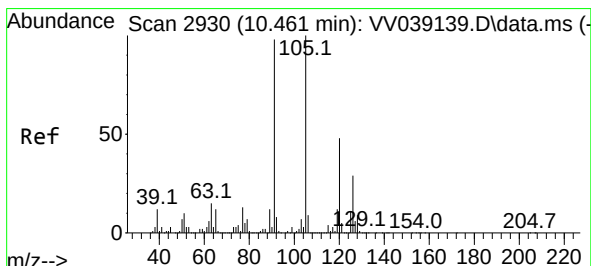
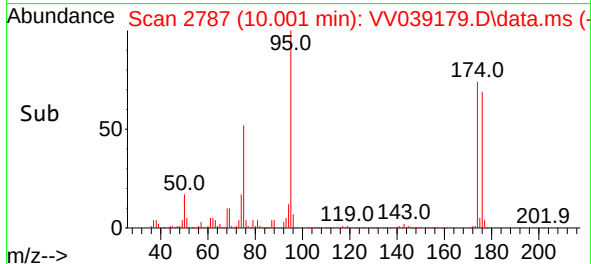
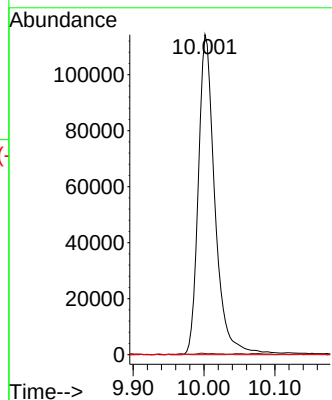
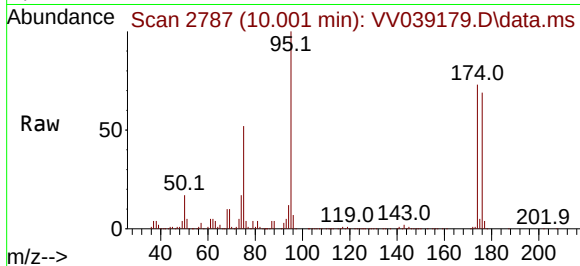




#81
trans-1,4-Dichloro-2-butene
Concen: 48.066 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

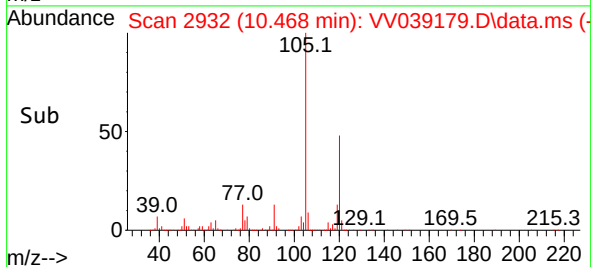
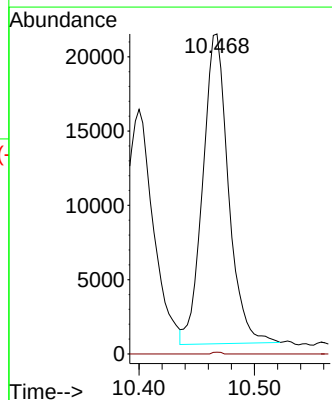
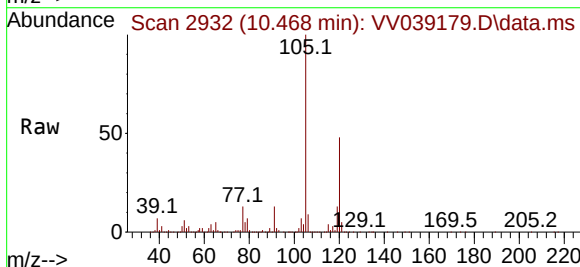
Instrument :
MSVOA_V
ClientSampleId :

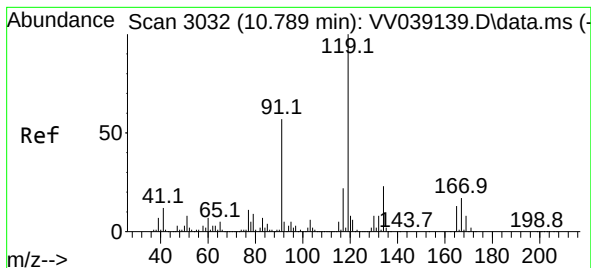
Tgt Ion: 75 Resp: 185458
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 1.289 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 91 Resp: 32138
Ion Ratio Lower Upper
91 100
126 0.2 14.5 43.6#





#83

tert-Butylbenzene

Concen: 6.199 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.051 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

ClientSampleId :

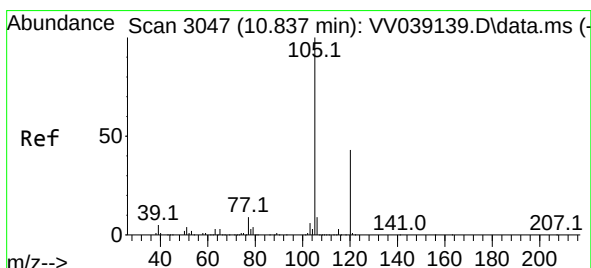
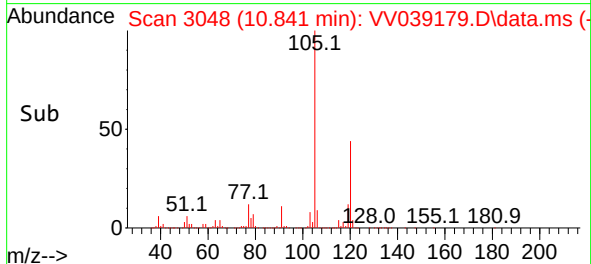
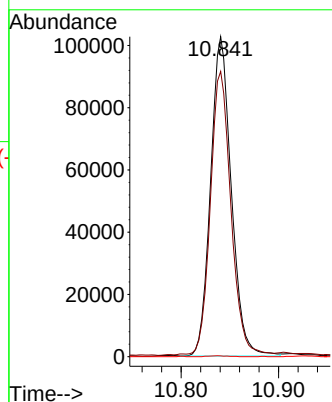
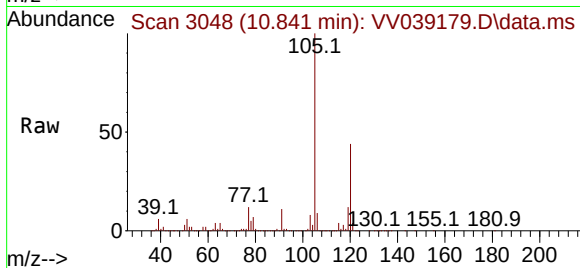
Tgt Ion:119 Resp: 151607

Ion Ratio Lower Upper

119 100

91 87.7 28.5 85.6#

134 0.3 11.5 34.4#



#84

1,2,4-Trimethylbenzene

Concen: 50.943 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039179.D

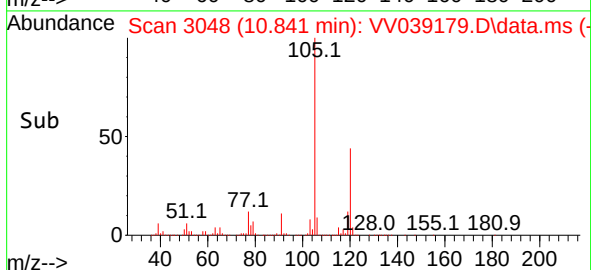
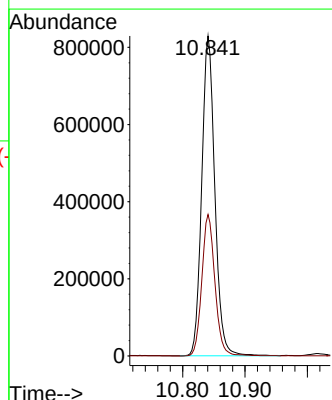
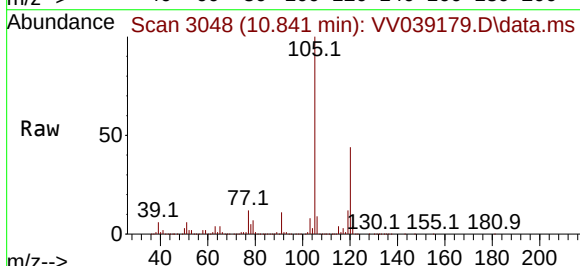
Acq: 25 Sep 2025 14:25

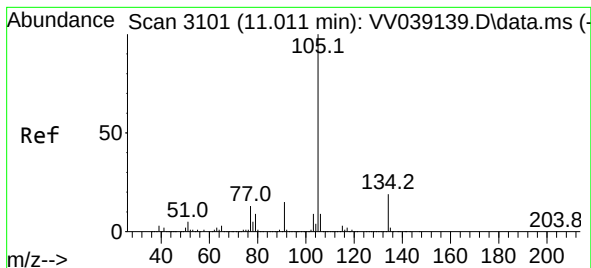
Tgt Ion:105 Resp: 1212989

Ion Ratio Lower Upper

105 100

120 44.3 22.4 67.2





#85

sec-Butylbenzene

Concen: 37.394 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. -0.171 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

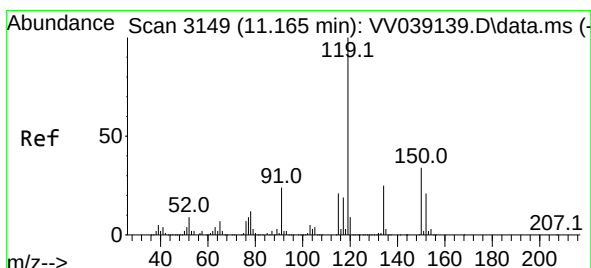
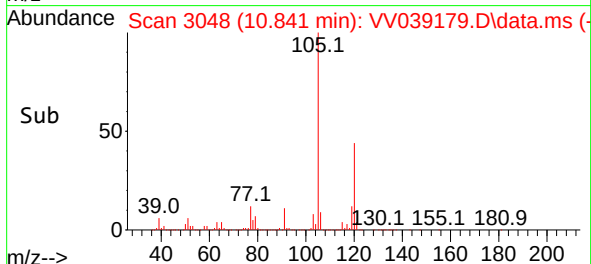
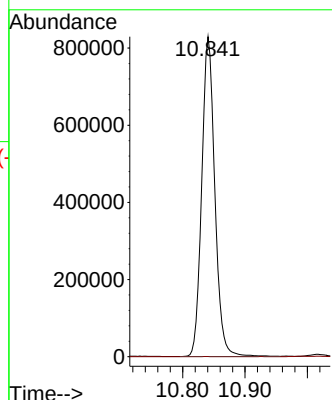
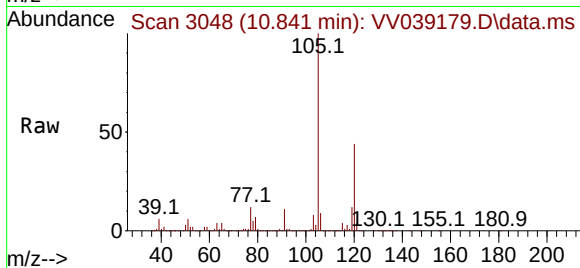
ClientSampleId :

Tgt Ion:105 Resp: 1212989

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 0.415 ug/l

RT: 11.123 min Scan# 3136

Delta R.T. -0.042 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

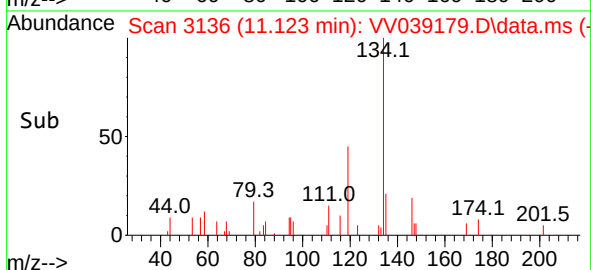
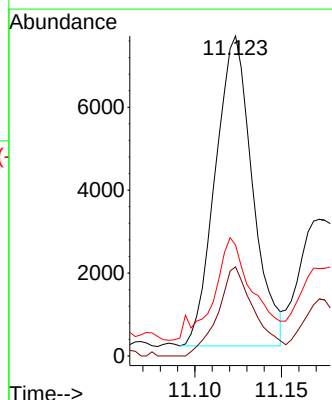
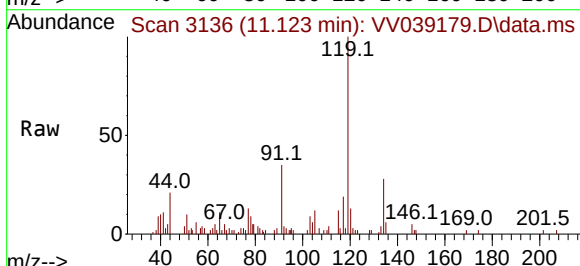
Tgt Ion:119 Resp: 11193

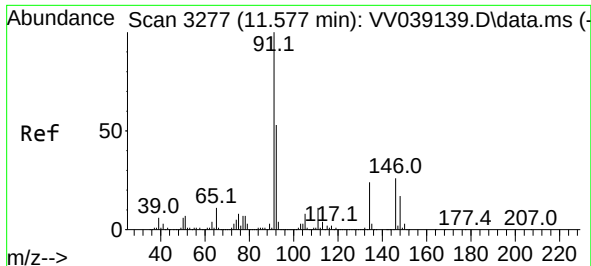
Ion Ratio Lower Upper

119 100

134 28.7 12.7 38.0

91 34.3 12.0 36.1





#89

n-Butylbenzene

Concen: 1.140 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039179.D

Acq: 25 Sep 2025 14:25

Instrument :

MSVOA_V

ClientSampleId :

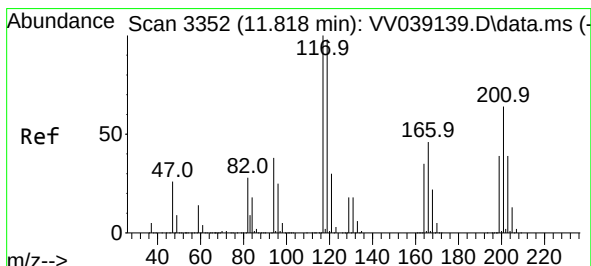
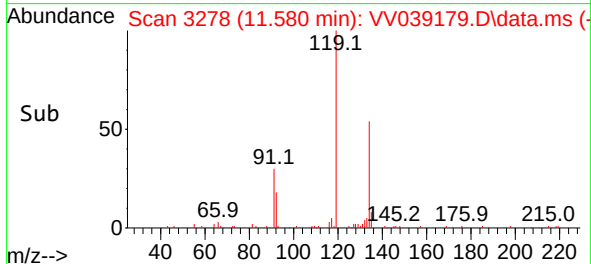
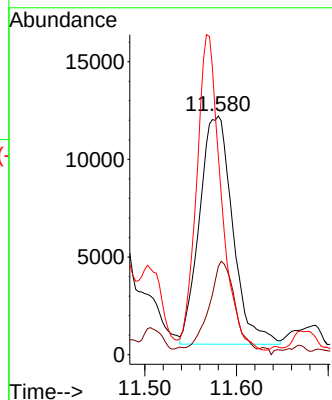
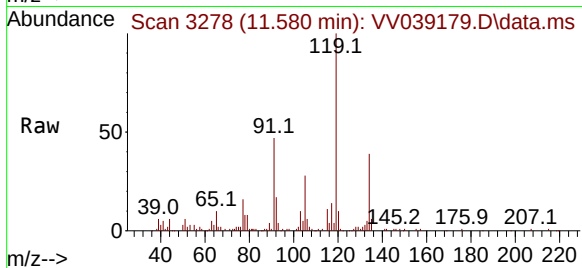
Tgt Ion: 91 Resp: 29385

Ion Ratio Lower Upper

91 100

92 33.3 26.6 79.8

134 101.8 12.1 36.3#



#90

Hexachloroethane

Concen: 0.779 ug/l

RT: 11.841 min Scan# 3359

Delta R.T. 0.023 min

Lab File: VV039179.D

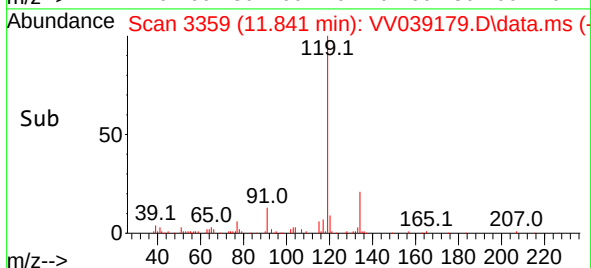
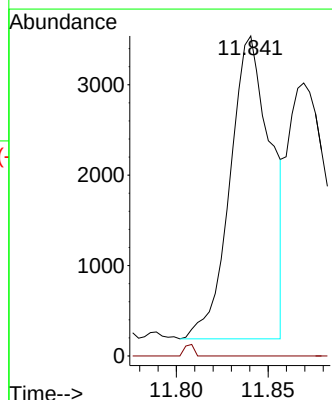
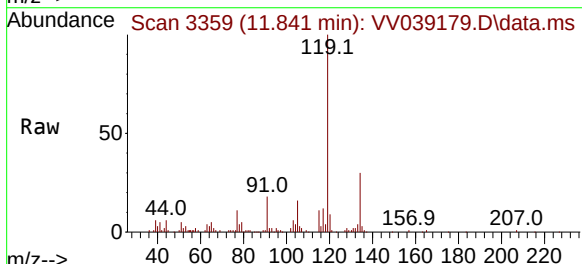
Acq: 25 Sep 2025 14:25

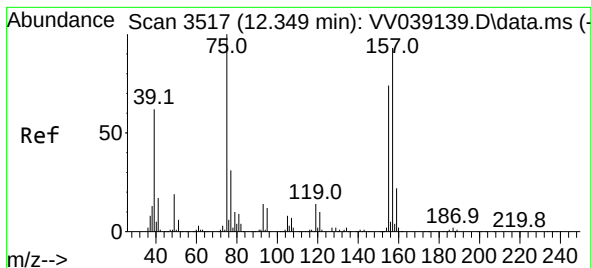
Tgt Ion: 117 Resp: 5182

Ion Ratio Lower Upper

117 100

201 0.0 32.3 96.8#

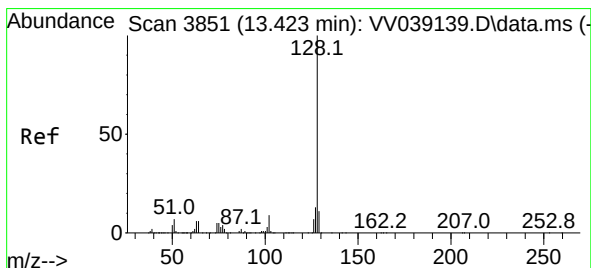
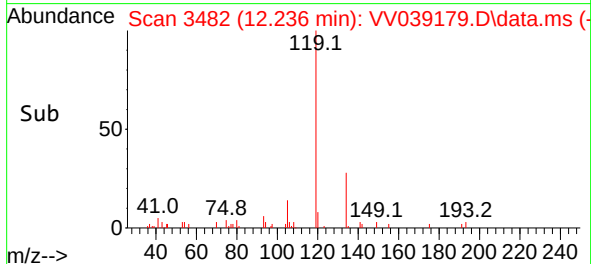
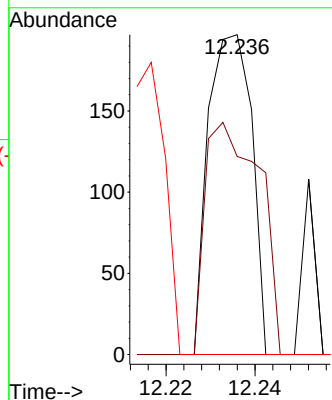
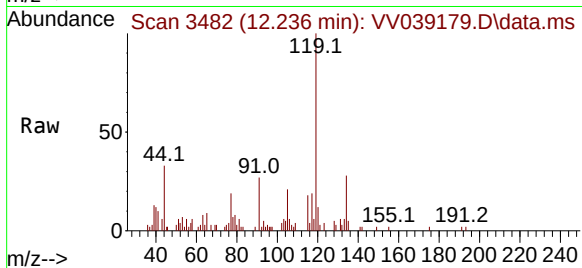




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.236 min Scan# 34
Delta R.T. -0.113 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 134
Ion Ratio Lower Upper
75 100
155 90.3 38.6 115.8
157 67.2 49.5 148.3



#95
Naphthalene
Concen: 12.801 ug/l
RT: 13.429 min Scan# 3853
Delta R.T. 0.006 min
Lab File: VV039179.D
Acq: 25 Sep 2025 14:25

Tgt Ion: 128 Resp: 343331
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 10.9 8.6 13.0

