

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039185.D
 Acq On : 25 Sep 2025 16:40
 Operator : SY/MD
 Sample : Q3172-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:32:54 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	368346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	653076	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	662159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	325221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	293708	55.094	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 110.180%	
35) Dibromofluoromethane	4.503	113	266204	50.704	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 101.400%	
50) Toluene-d8	7.239	98	716173	46.445	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 92.880%	
62) 4-Bromofluorobenzene	10.001	95	297465	46.860	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 93.720%	
Target Compounds						Qvalue
3) Chloromethane	1.230	50	1373	0.219	ug/l #	85
6) Chloroethane	1.487	64	1370	Below Cal	#	44
8) Diethyl Ether	1.925	74	1784	0.495	ug/l	83
11) Tert butyl alcohol	2.571	59	1261	1.119	ug/l	95
13) Acrolein	2.018	56	440	2.250	ug/l #	57
16) Acetone	2.127	43	25840	3.116	ug/l	99
18) Methyl Acetate	2.233	43	5215	0.660	ug/l #	54
20) Methylene Chloride	2.458	84	2076	Below Cal	#	67
31) Cyclohexane	4.600	56	8407	0.884	ug/l #	1
36) 1,1-Dichloropropene	4.600	75	31881	4.016	ug/l #	50
38) Carbon Tetrachloride	4.603	117	38469	3.965	ug/l #	18
41) Methacrylonitrile	4.149	41	43	1.920	ug/l #	1
44) Trichloroethene	5.850	130	5474	0.918	ug/l	88
49) 1,4-Dioxane	6.233	88	43	0.448	ug/l #	1
52) Toluene	7.333	92	3704	0.247	ug/l	96
55) 1,1,2-Trichloroethane	7.715	97	5011	0.746	ug/l #	21
56) Ethyl methacrylate	7.709	69	1641	0.206	ug/l #	65
58) 2-Chloroethyl Vinyl ether	6.812	63	679	9.768	ug/l #	47
59) 2-Hexanone	8.188	43	125	2.343	ug/l	67
65) Chlorobenzene	8.808	112	87136	4.724	ug/l	100
69) o-Xylene	9.474	106	5011	0.525	ug/l	89
70) Styrene	9.493	104	205	1.571	ug/l #	1
73) Isopropylbenzene	9.860	105	36396	1.543	ug/l	99
76) 1,2,3-Trichloropropane	10.001	75	148395	20.040	ug/l #	56
78) n-propylbenzene	10.284	91	29586	1.030	ug/l	99
79) 2-Chlorotoluene	10.352	91	70132	4.080	ug/l	100
80) 1,3,5-Trimethylbenzene	10.667	105	25220	1.286	ug/l	75
81) trans-1,4-Dichloro-2-b...	10.001	75	148395	48.111	ug/l #	13
82) 4-Chlorotoluene	10.352	91	70132	3.519	ug/l	92
83) tert-Butylbenzene	10.792	119	8040	0.411	ug/l	85
85) sec-Butylbenzene	11.014	105	17900	0.690	ug/l	97
86) p-Isopropyltoluene	11.381	119	16383	0.759	ug/l	91
89) n-Butylbenzene	11.586	91	13827	0.671	ug/l	95
90) Hexachloroethane	11.943	117	17539	3.300	ug/l #	18
91) 1,2-Dichlorobenzene	11.583	146	2660	0.230	ug/l #	58
92) 1,2-Dibromo-3-Chloropr...	12.342	75	650	Below Cal	#	8

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

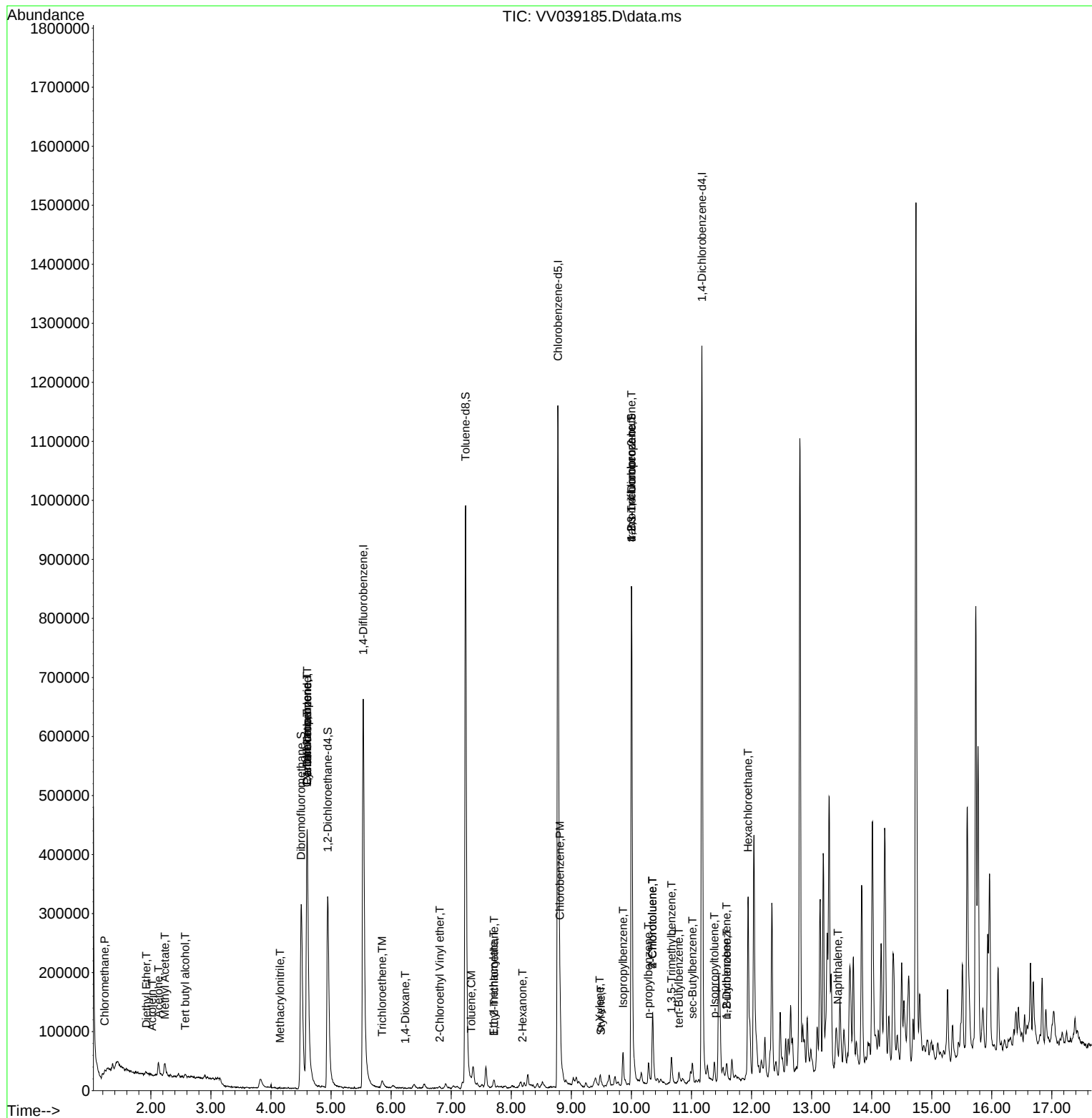
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.435	128	16440	0.767	ug/l #	78

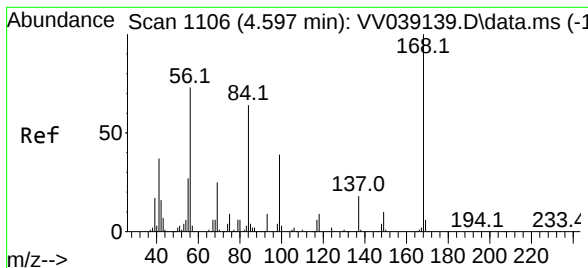
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

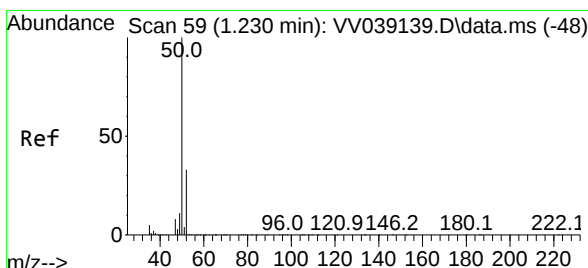
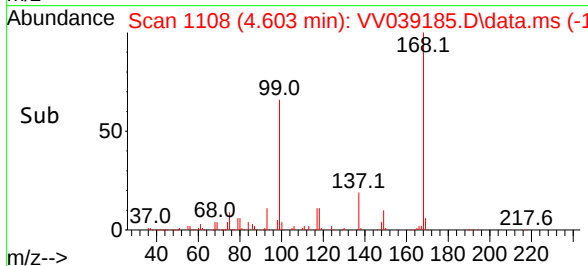
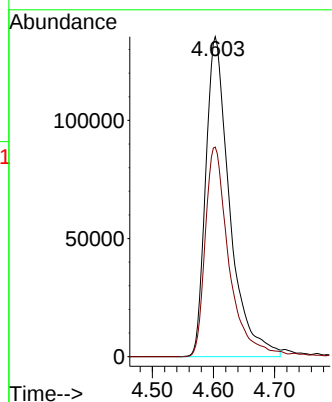
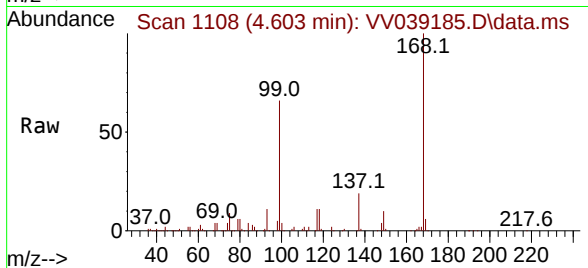
ClientSampleId :

Tgt Ion:168 Resp: 368346

Ion Ratio Lower Upper

168 100

99 65.5 49.6 74.4



#3

Chloromethane

Concen: 0.219 ug/l

RT: 1.230 min Scan# 59

Delta R.T. -0.000 min

Lab File: VV039185.D

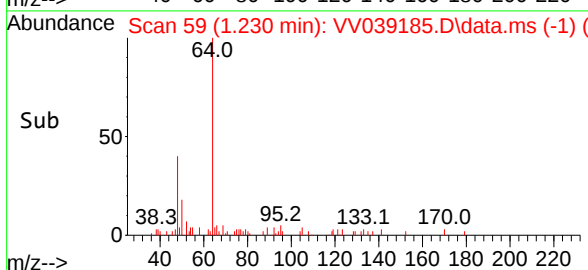
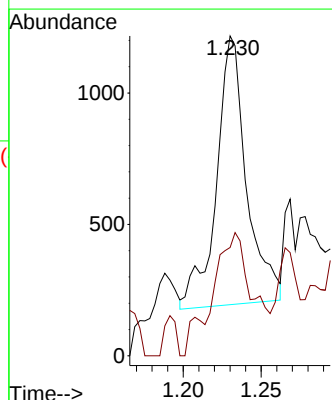
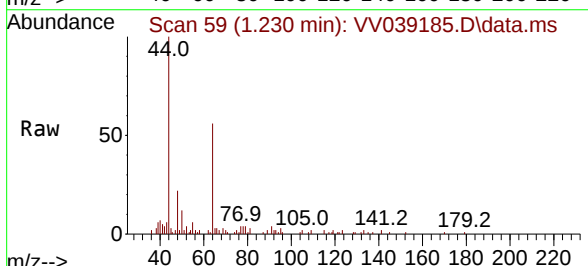
Acq: 25 Sep 2025 16:40

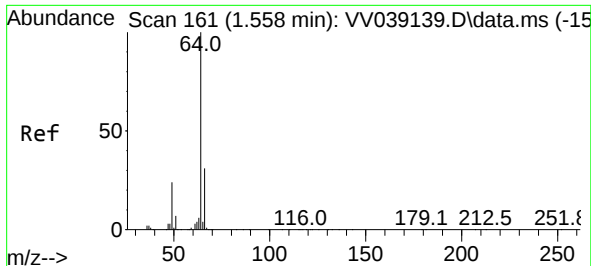
Tgt Ion: 50 Resp: 1373

Ion Ratio Lower Upper

50 100

52 41.0 26.0 39.0#

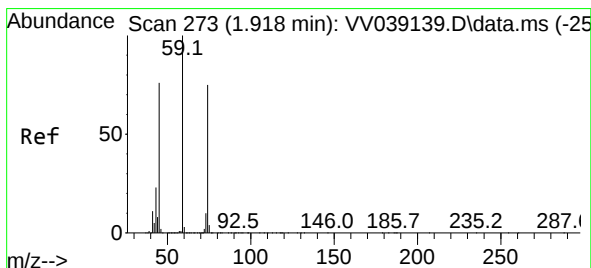
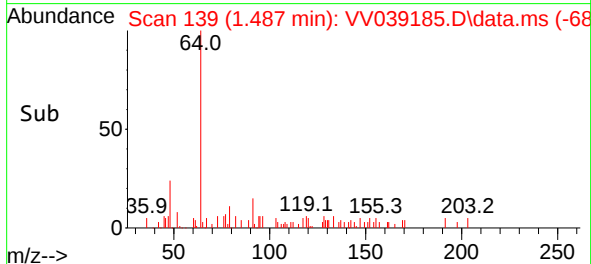
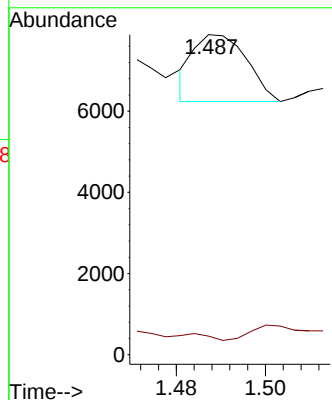
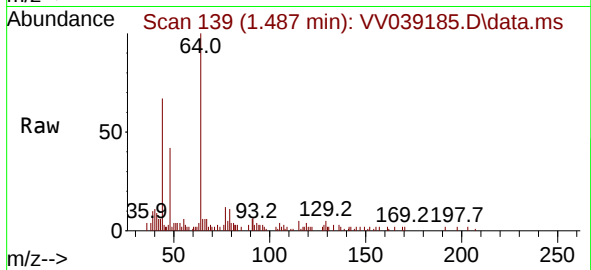




#6
Chloroethane
Concen: Below Cal
RT: 1.487 min Scan# 11
Delta R.T. -0.071 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

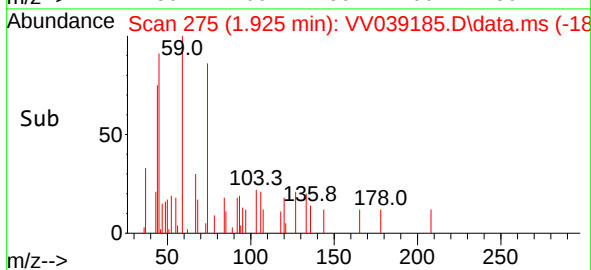
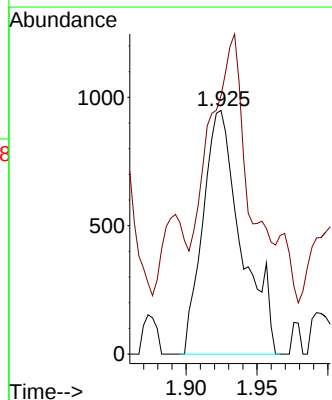
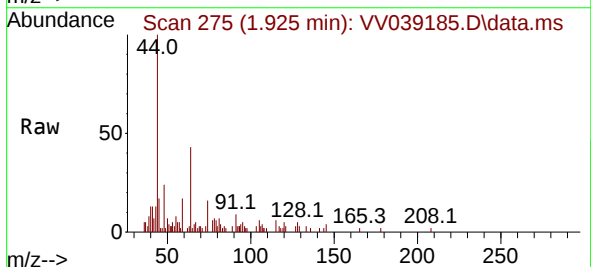
Instrument :
MSVOA_V
ClientSampleId :

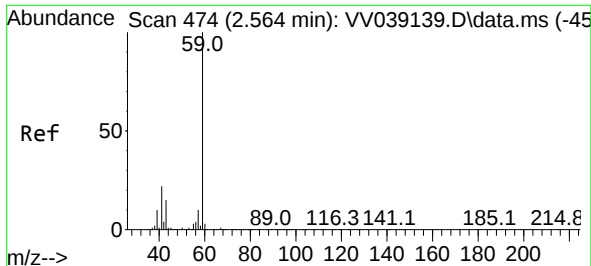
Tgt Ion: 64 Resp: 1370
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#8
Diethyl Ether
Concen: 0.495 ug/l
RT: 1.925 min Scan# 275
Delta R.T. 0.007 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 74 Resp: 1784
Ion Ratio Lower Upper
74 100
45 82.0 49.6 148.8

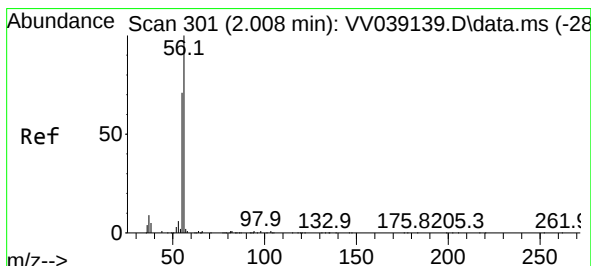
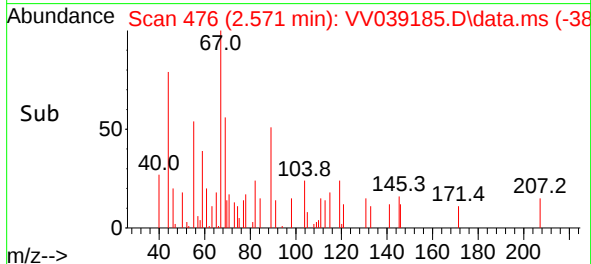
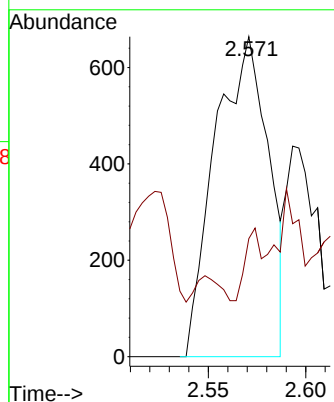
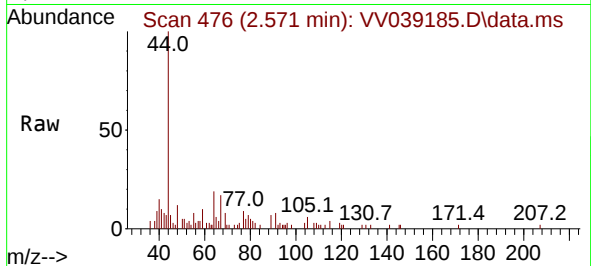




#11
Tert butyl alcohol
Concen: 1.119 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

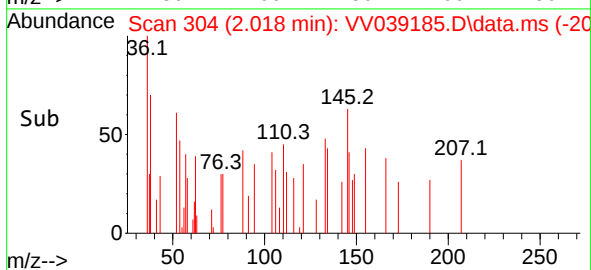
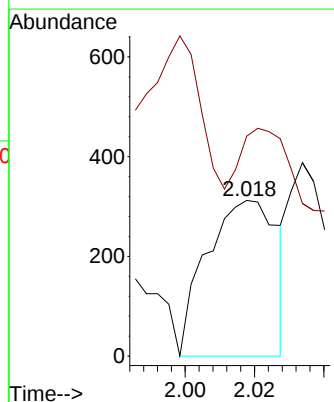
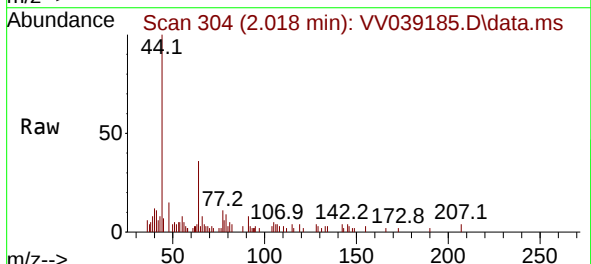
Instrument :
MSVOA_V
ClientSampleId :

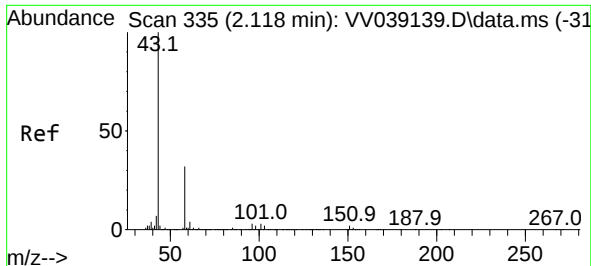
Tgt Ion: 59 Resp: 1261
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.8



#13
Acrolein
Concen: 2.250 ug/l
RT: 2.018 min Scan# 304
Delta R.T. 0.010 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 56 Resp: 440
Ion Ratio Lower Upper
56 100
55 35.2 56.2 84.4#

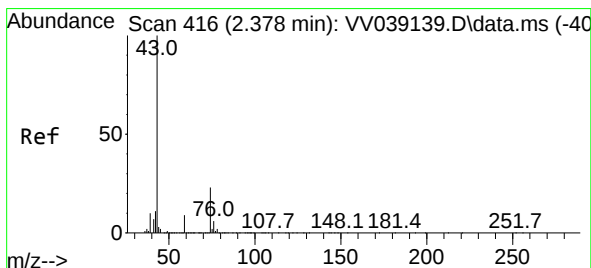
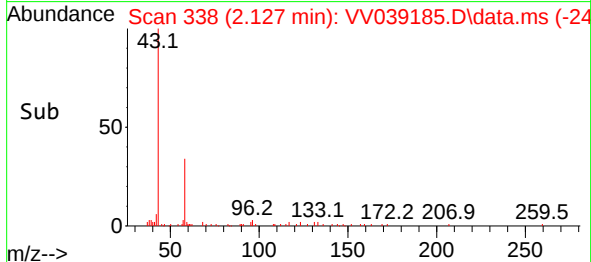
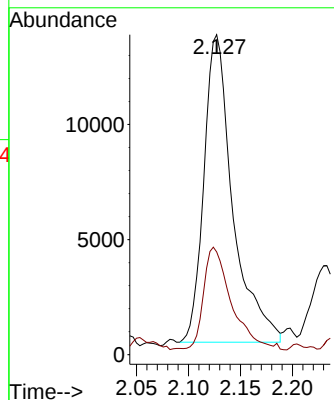
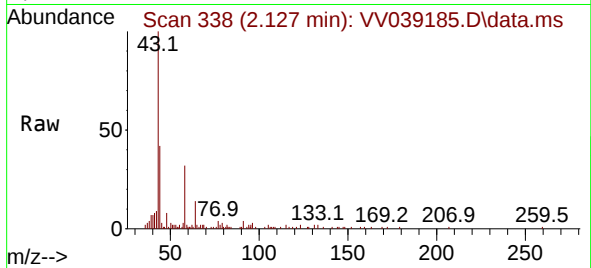




#16
Acetone
Concen: 3.116 ug/l
RT: 2.127 min Scan# 31
Delta R.T. 0.009 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

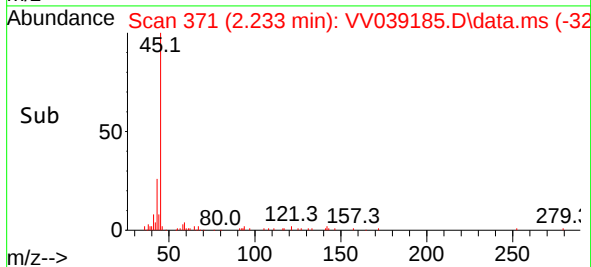
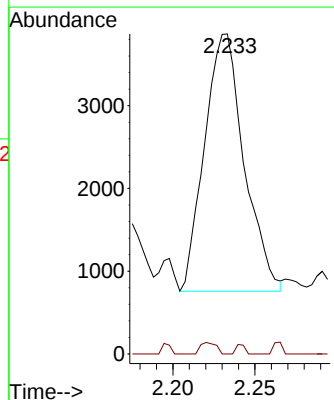
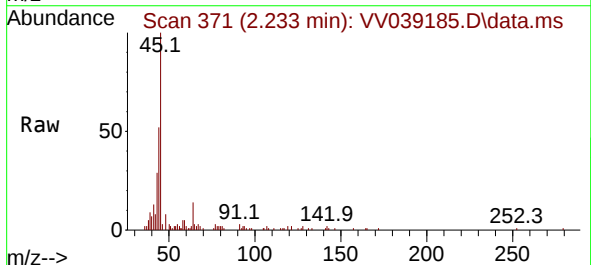
Instrument :
MSVOA_V
ClientSampleId :

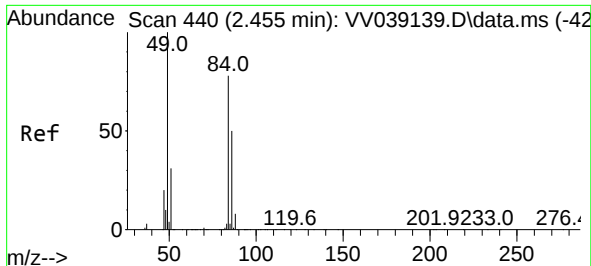
Tgt Ion: 43 Resp: 25840
Ion Ratio Lower Upper
43 100
58 31.6 25.8 38.6



#18
Methyl Acetate
Concen: 0.660 ug/l
RT: 2.233 min Scan# 371
Delta R.T. -0.145 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

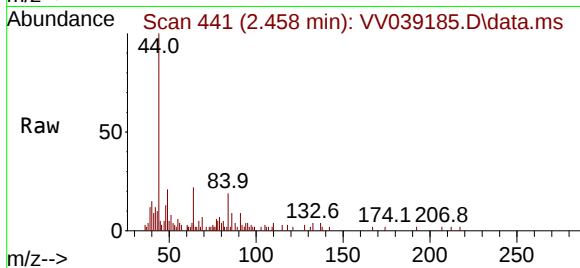
Tgt Ion: 43 Resp: 5215
Ion Ratio Lower Upper
43 100
74 0.8 18.6 27.8#



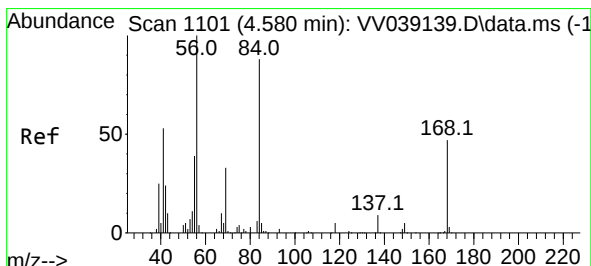
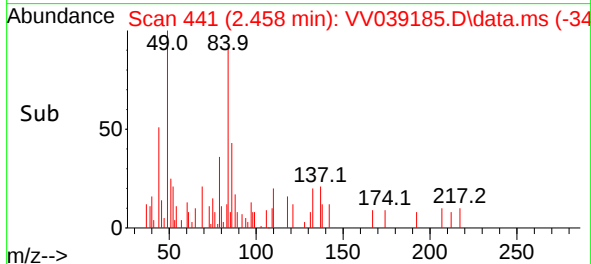
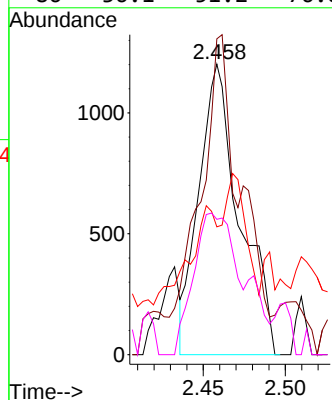


#20
Methylene Chloride
Concen: Below Cal
RT: 2.458 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Instrument :
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ClientSampleId :

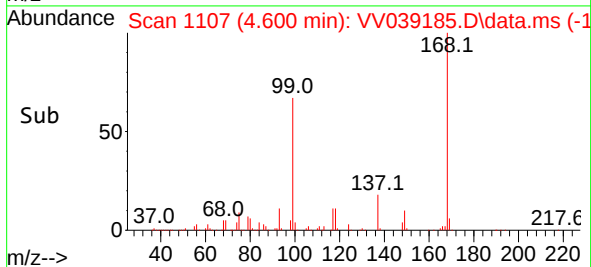
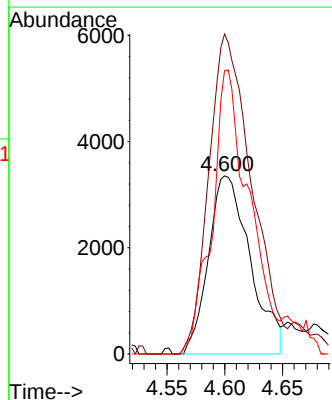
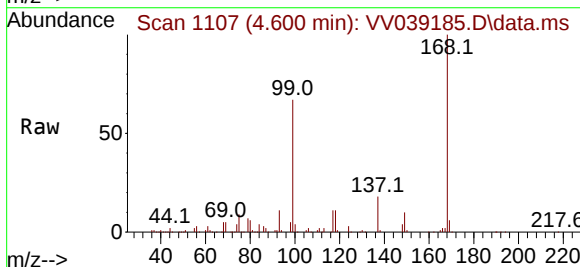


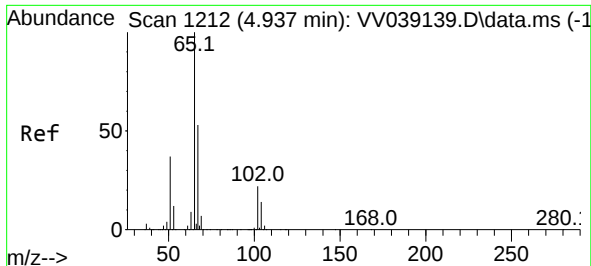
Tgt Ion:	84	Resp:	2076
Ion	Ratio	Lower	Upper
84	100		
49	92.0	102.8	154.2#
51	18.0	31.9	47.9#
86	36.1	51.2	76.8#



#31
Cyclohexane
Concen: 0.884 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. 0.019 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion:	56	Resp:	8407
Ion	Ratio	Lower	Upper
56	100		
69	181.8	26.2	39.2#
84	163.9	70.3	105.5#





#33

1,2-Dichloroethane-d4

Concen: 55.094 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

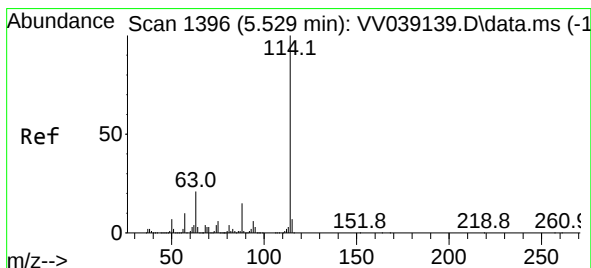
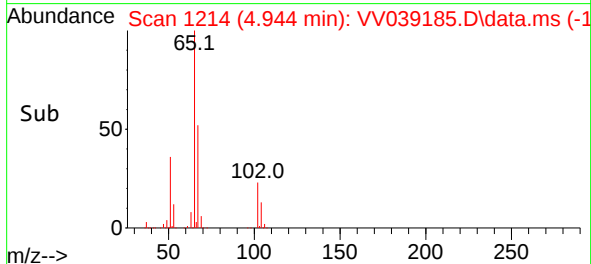
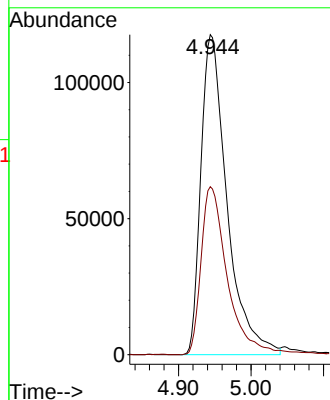
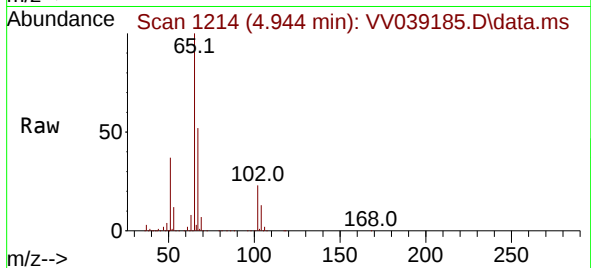
ClientSampleId :

Tgt Ion: 65 Resp: 293708

Ion Ratio Lower Upper

65 100

67 53.5 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: VV039185.D

Acq: 25 Sep 2025 16:40

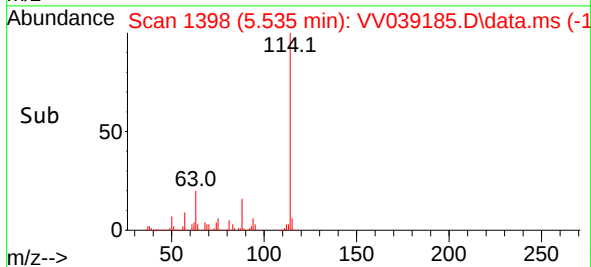
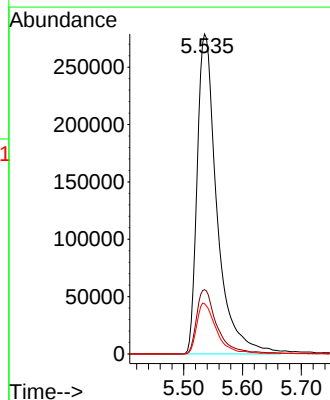
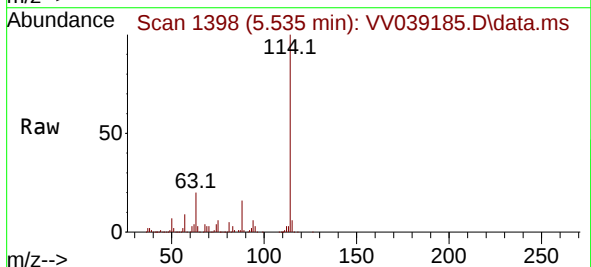
Tgt Ion: 114 Resp: 653076

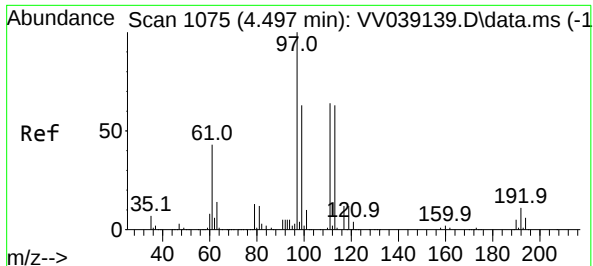
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.704 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. 0.006 min

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Acq: 25 Sep 2025 16:40

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ClientSampleId :

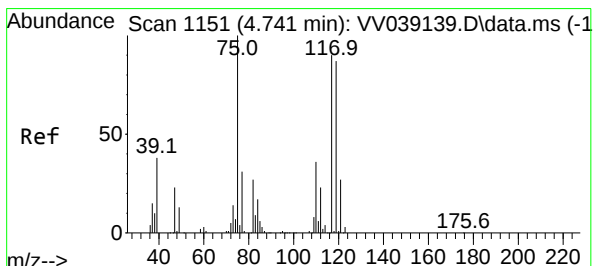
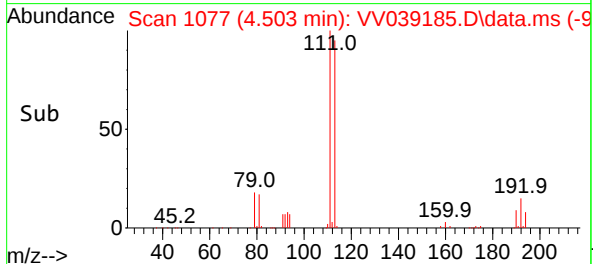
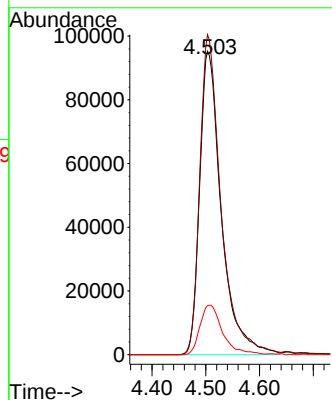
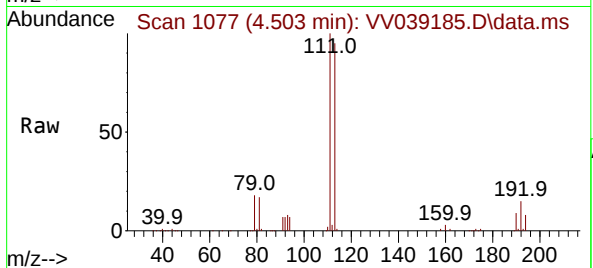
Tgt Ion:113 Resp: 266204

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 17.0 13.8 20.8



#36

1,1-Dichloropropene

Concen: 4.016 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.141 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

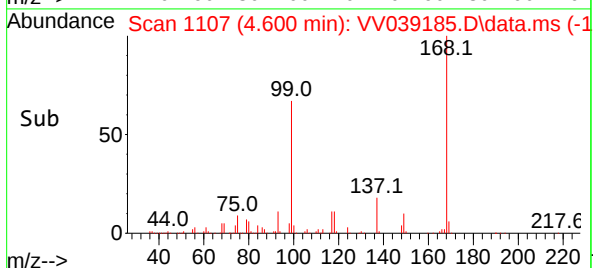
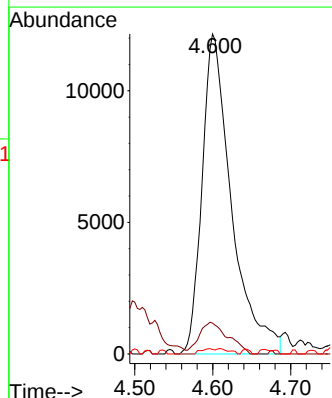
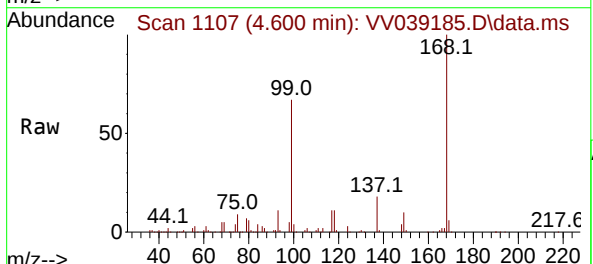
Tgt Ion: 75 Resp: 31881

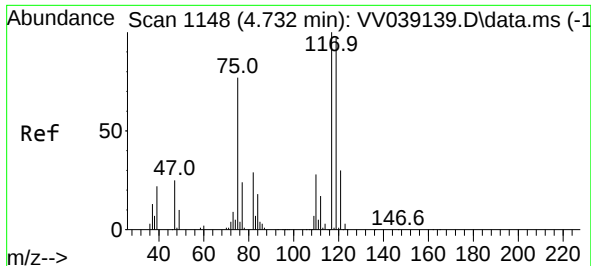
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.1#

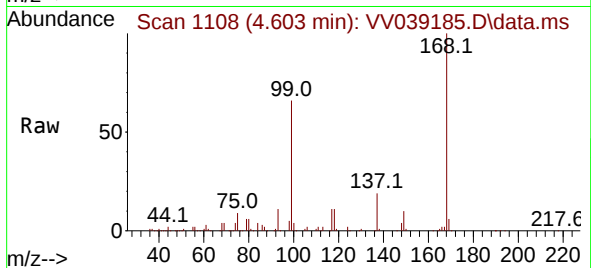
77 0.8 24.8 37.2#



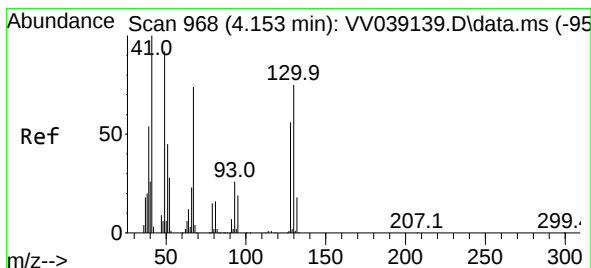
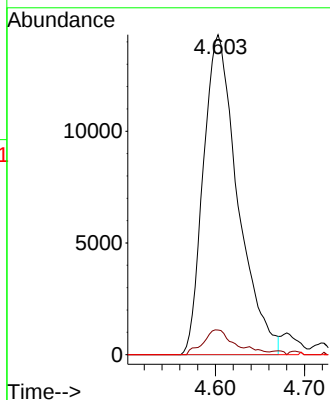
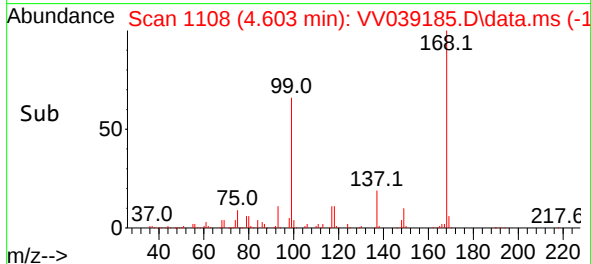


#38
Carbon Tetrachloride
Concen: 3.965 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. -0.129 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Instrument :
MSVOA_V
ClientSampleId :

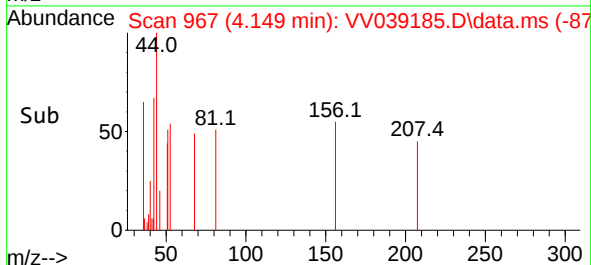
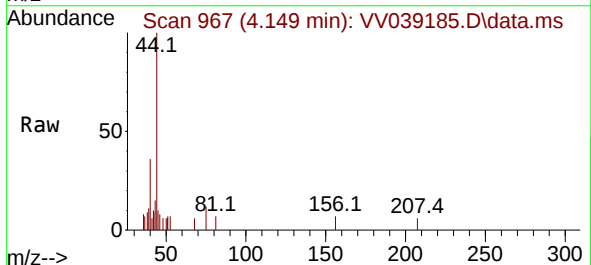


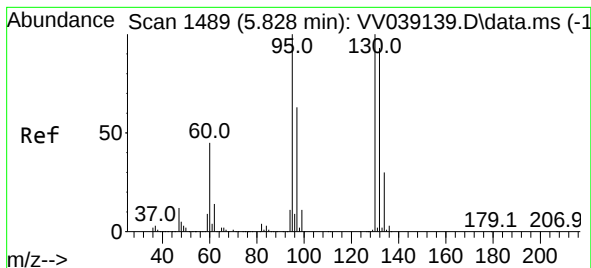
Tgt Ion:117 Resp: 38469
Ion Ratio Lower Upper
117 100
119 7.7 77.2 115.8#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 1.920 ug/l
RT: 4.149 min Scan# 967
Delta R.T. -0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 41 Resp: 43
Ion Ratio Lower Upper
41 100
39 588.4 42.2 63.2#
67 0.0 67.9 101.9#
52 165.1 26.7 40.1#





#44

Trichloroethene

Concen: 0.918 ug/l

RT: 5.850 min Scan# 1489

Delta R.T. 0.022 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

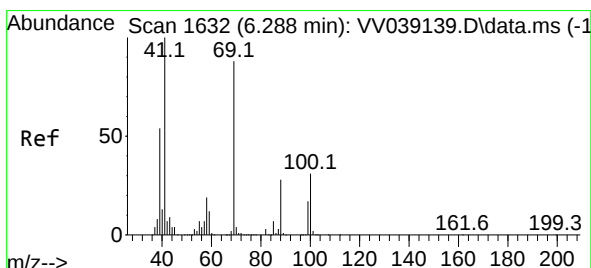
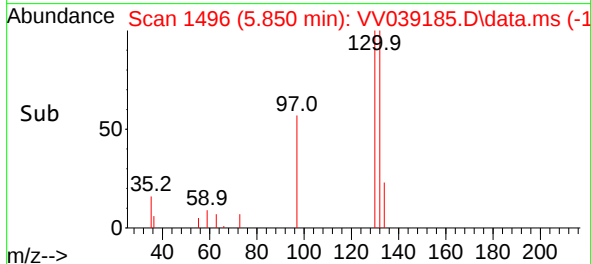
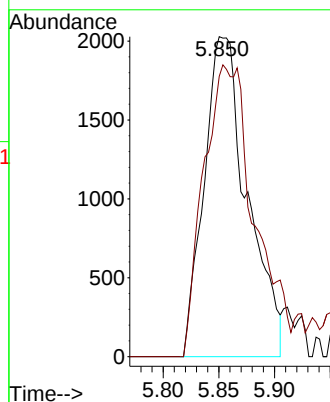
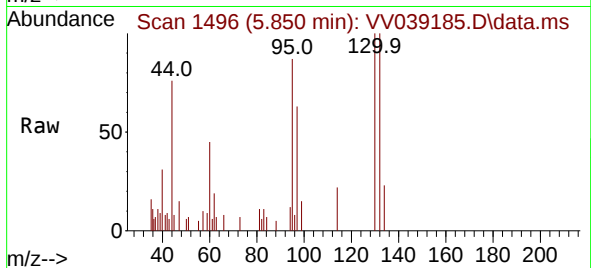
ClientSampleId :

Tgt Ion:130 Resp: 5474

Ion Ratio Lower Upper

130 100

95 87.6 0.0 199.2



#49

1,4-Dioxane

Concen: 0.448 ug/l

RT: 6.233 min Scan# 1615

Delta R.T. -0.055 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

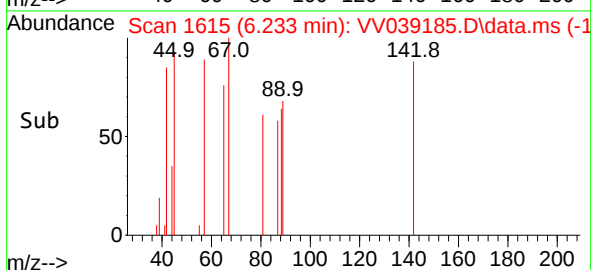
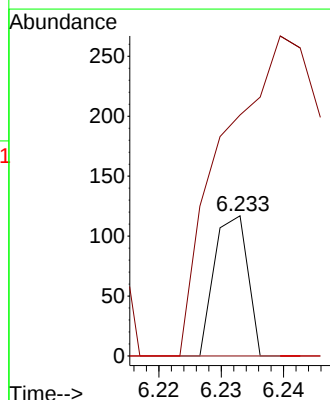
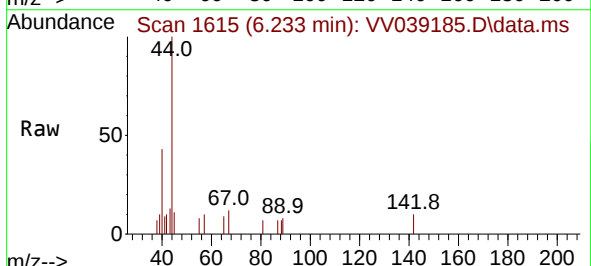
Tgt Ion: 88 Resp: 43

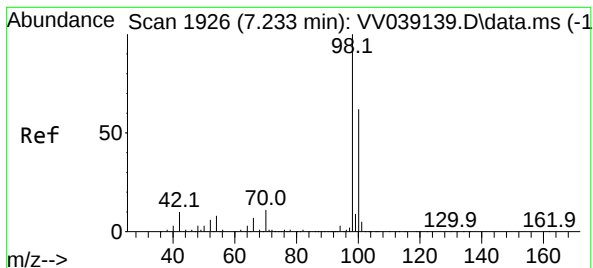
Ion Ratio Lower Upper

88 100

43 648.8 25.1 37.7#

58 0.0 53.6 80.4#





#50

Toluene-d8

Concen: 46.445 ug/l

RT: 7.239 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

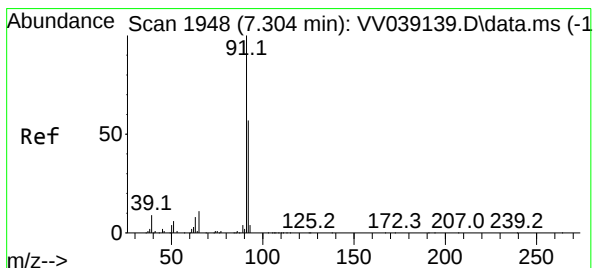
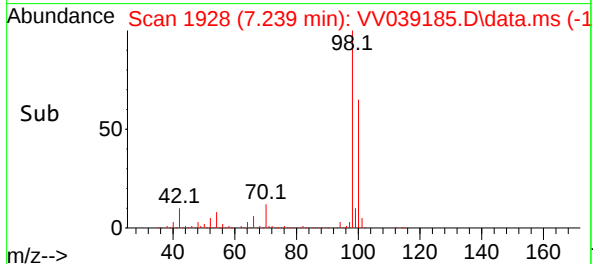
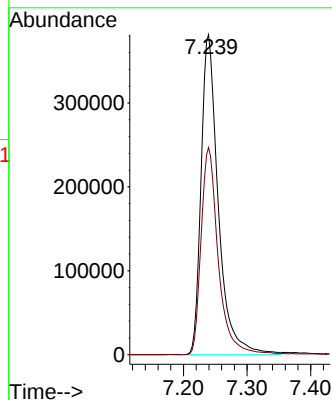
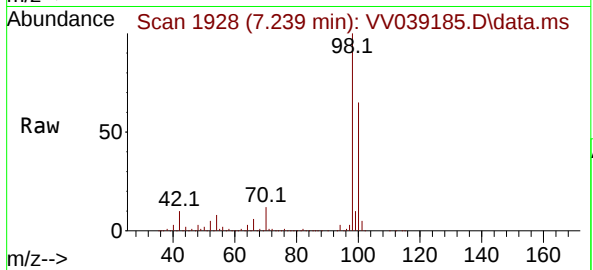
ClientSampleId :

Tgt Ion: 98 Resp: 716173

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#52

Toluene

Concen: 0.247 ug/l

RT: 7.333 min Scan# 1957

Delta R.T. 0.029 min

Lab File: VV039185.D

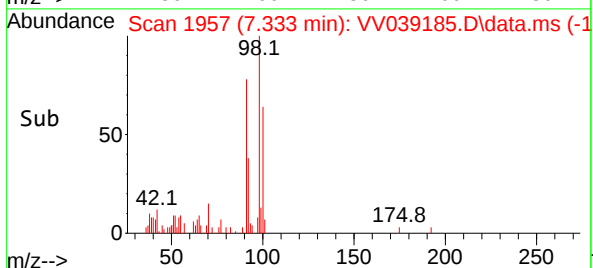
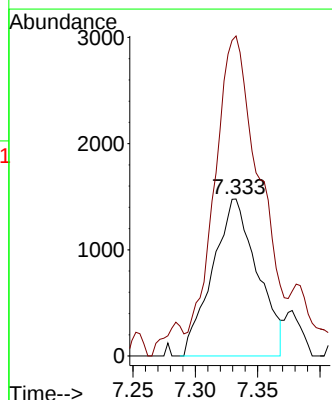
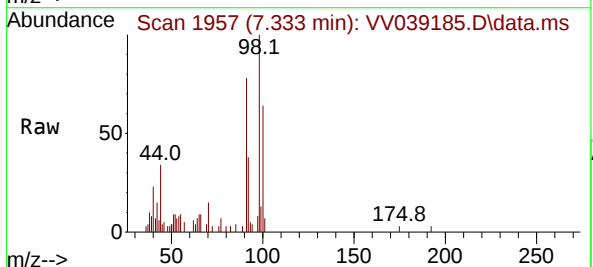
Acq: 25 Sep 2025 16:40

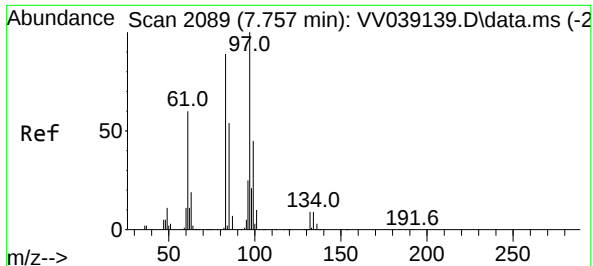
Tgt Ion: 92 Resp: 3704

Ion Ratio Lower Upper

92 100

91 179.6 139.2 208.8

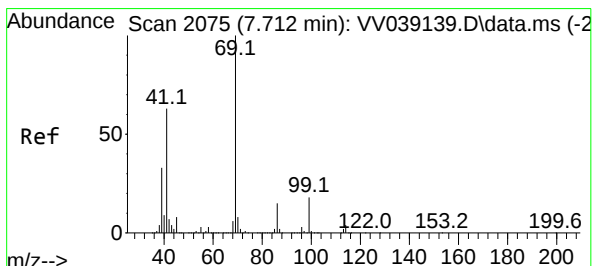
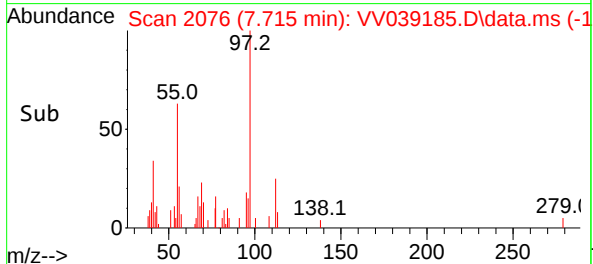
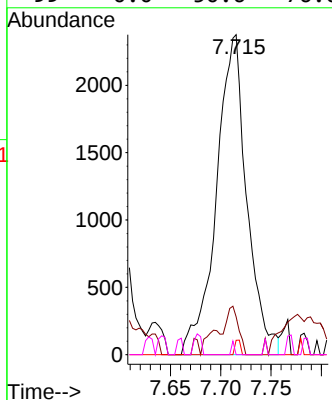
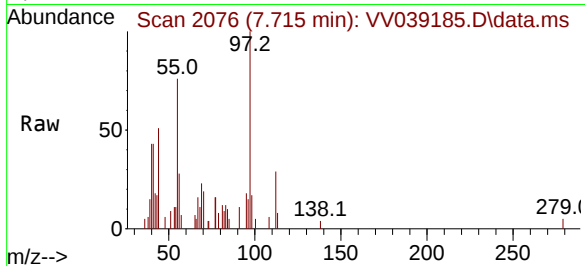




#55
1,1,2-Trichloroethane
Concen: 0.746 ug/l
RT: 7.715 min Scan# 2089
Delta R.T. -0.042 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

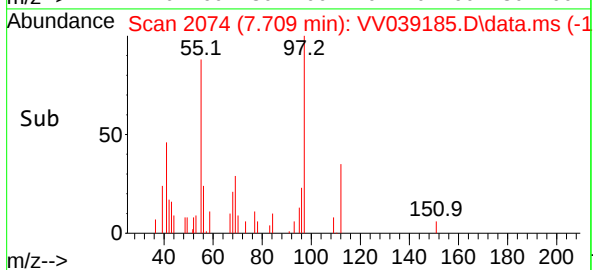
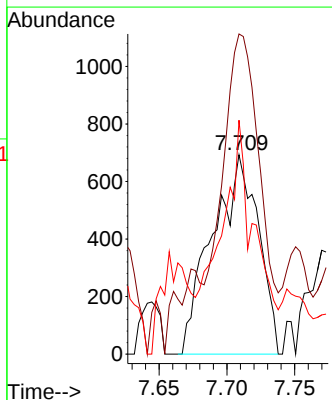
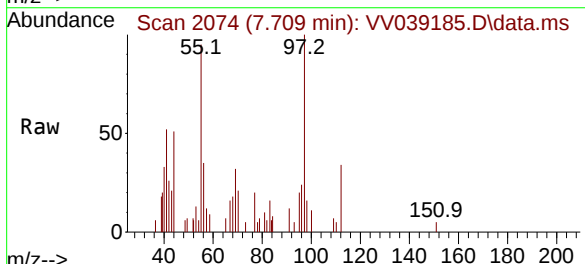
Instrument :
MSVOA_V
ClientSampleId :

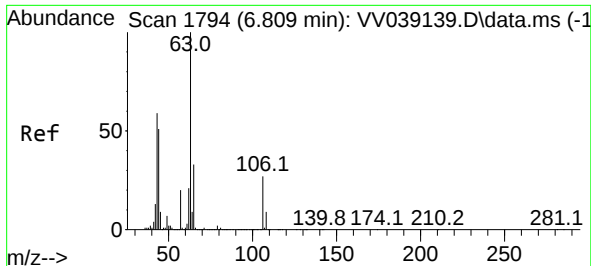
Tgt Ion:	97	Resp:	5011
Ion	Ratio	Lower	Upper
97	100		
83	11.9	71.1	106.7#
85	4.5	44.6	67.0#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.206 ug/l
RT: 7.709 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion:	69	Resp:	1641
Ion	Ratio	Lower	Upper
69	100		
41	89.6	50.7	76.1#
39	54.2	26.0	39.0#

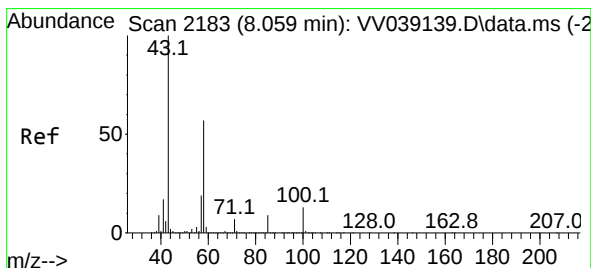
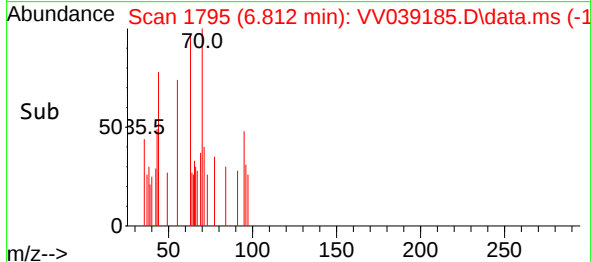
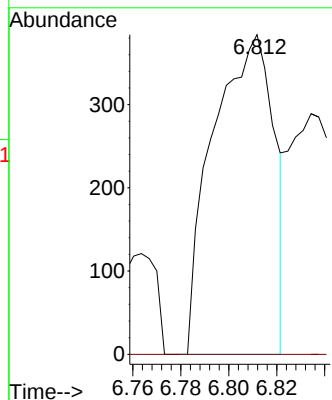
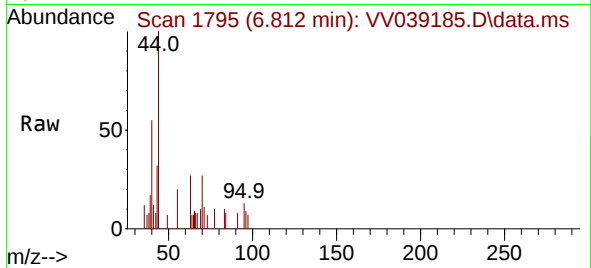




#58
2-Chloroethyl Vinyl ether
Concen: 9.768 ug/l
RT: 6.812 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

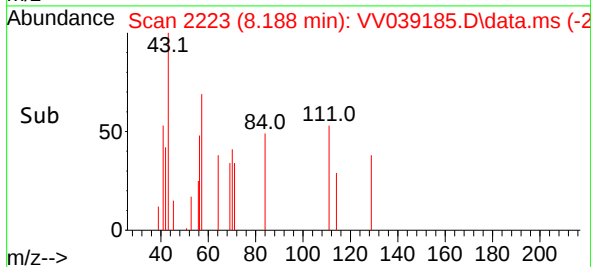
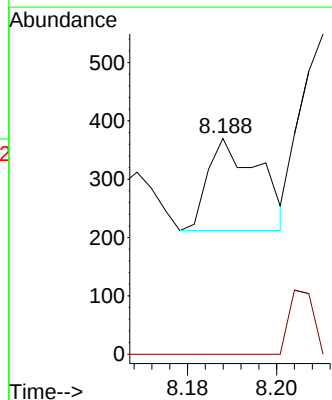
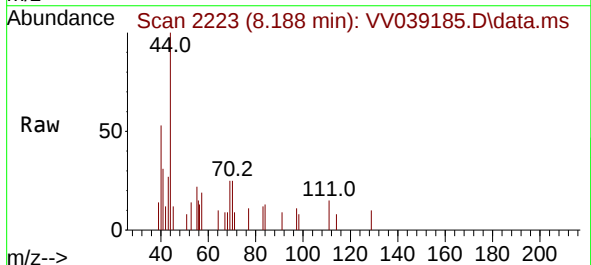
Instrument :
MSVOA_V
ClientSampleId :

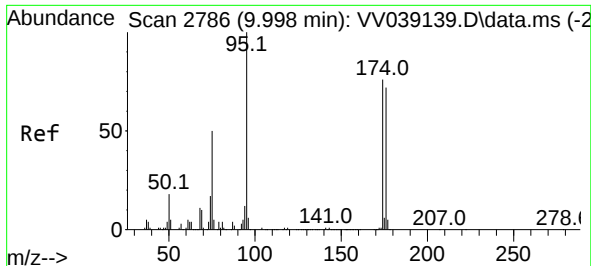
Tgt Ion: 63 Resp: 679
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#



#59
2-Hexanone
Concen: 2.343 ug/l
RT: 8.188 min Scan# 2223
Delta R.T. 0.129 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 32.8 28.3 85.0

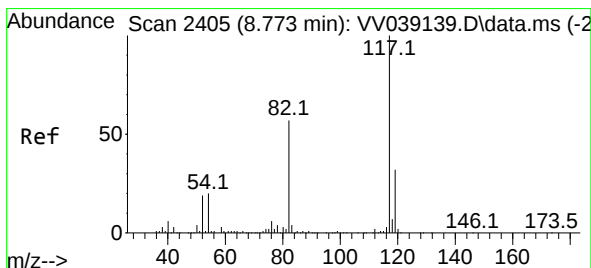
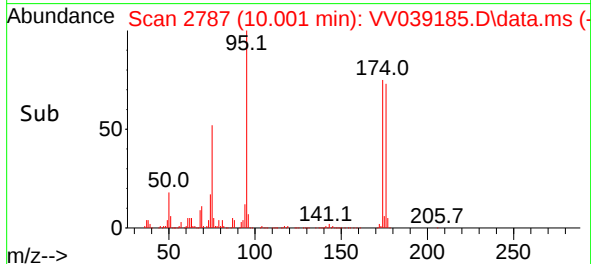
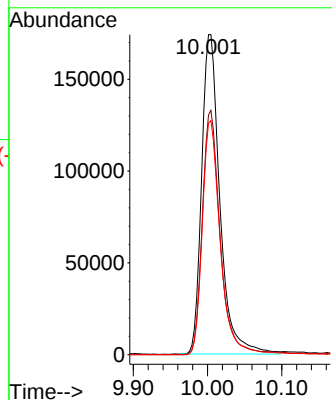
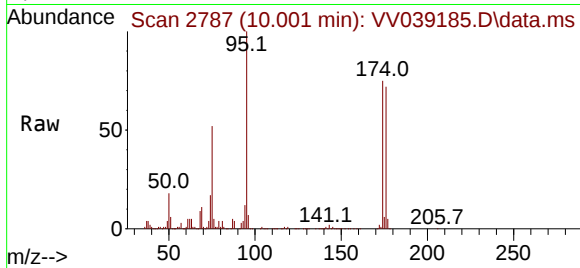




#62
4-Bromofluorobenzene
Concen: 46.860 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

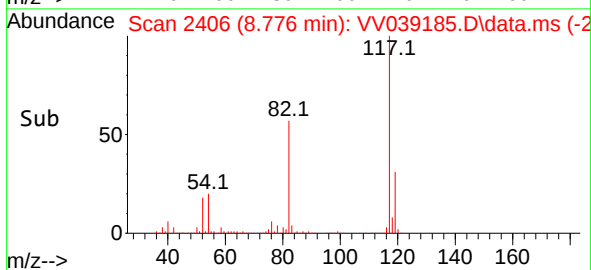
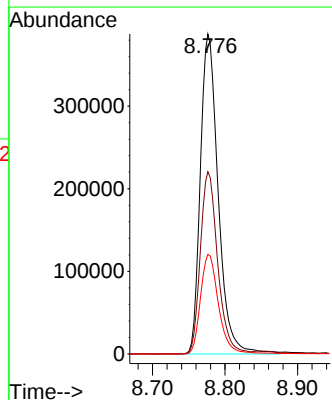
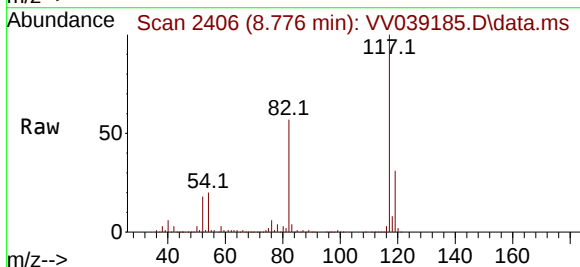
Instrument :
MSVOA_V
ClientSampleId :

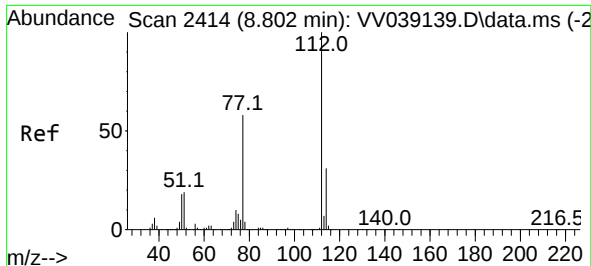
Tgt Ion: 95 Resp: 297465
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 72.2 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 117 Resp: 662159
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 31.1 25.6 38.4

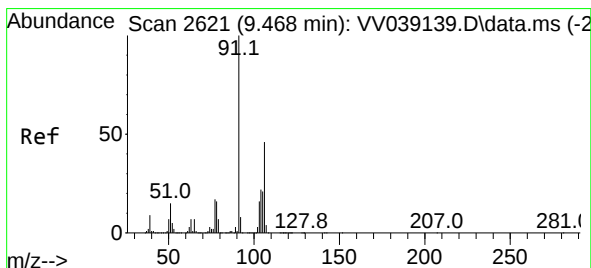
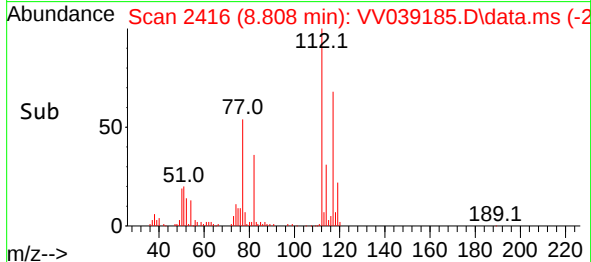
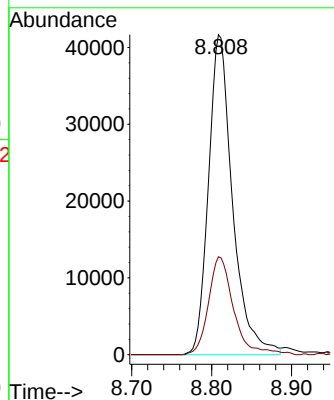
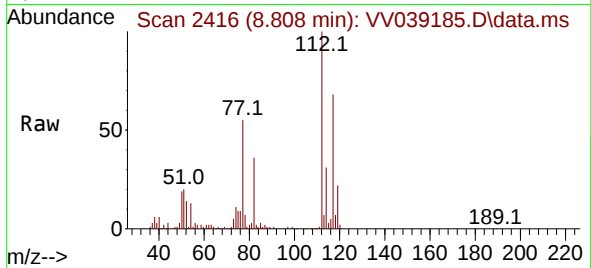




#65
Chlorobenzene
Concen: 4.724 ug/l
RT: 8.808 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

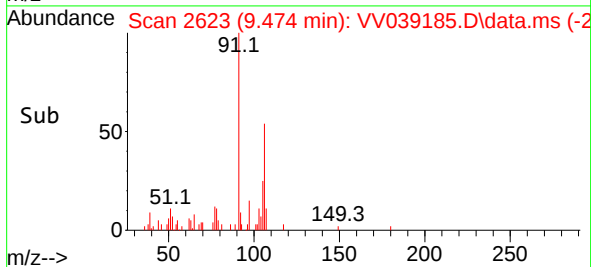
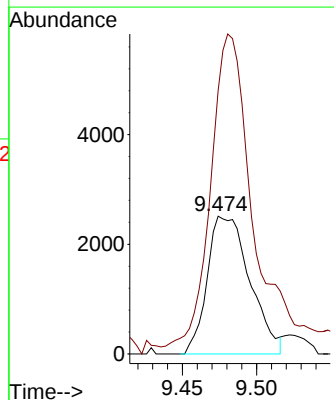
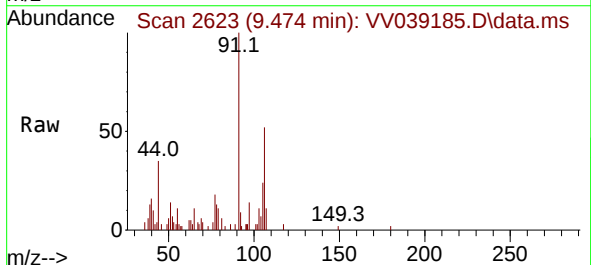
Instrument :
MSVOA_V
ClientSampleId :

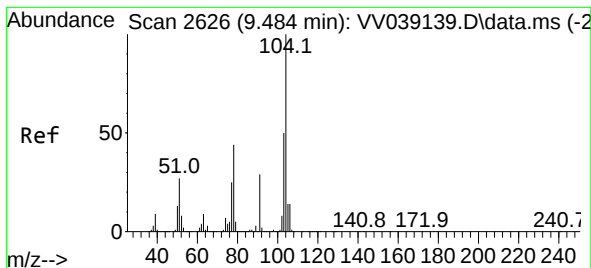
Tgt Ion:112 Resp: 87136
Ion Ratio Lower Upper
112 100
114 30.6 24.6 37.0



#69
o-Xylene
Concen: 0.525 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion:106 Resp: 5011
Ion Ratio Lower Upper
106 100
91 236.2 109.1 327.3





#70

Styrene

Concen: 1.571 ug/l

RT: 9.493 min Scan# 2

Delta R.T. 0.009 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

ClientSampleId :

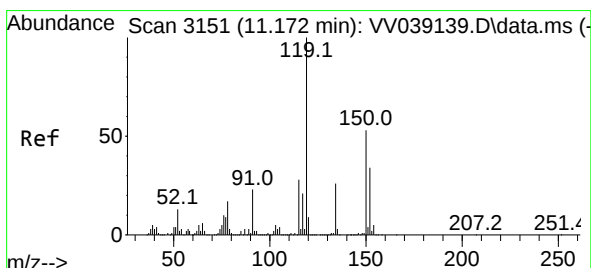
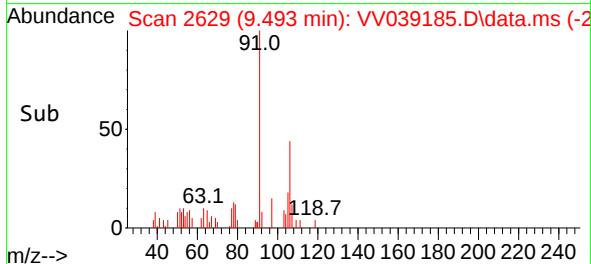
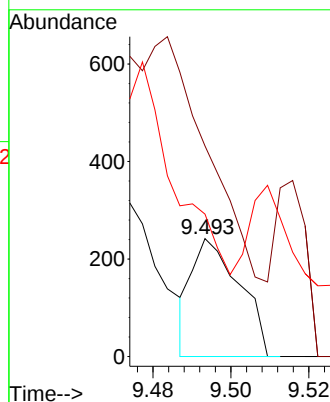
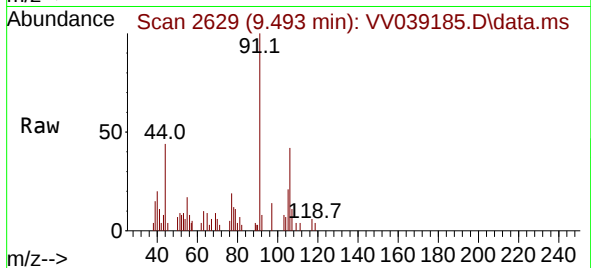
Tgt Ion:104 Resp: 205

Ion Ratio Lower Upper

104 100

78 624.9 39.8 59.6#

103 0.0 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

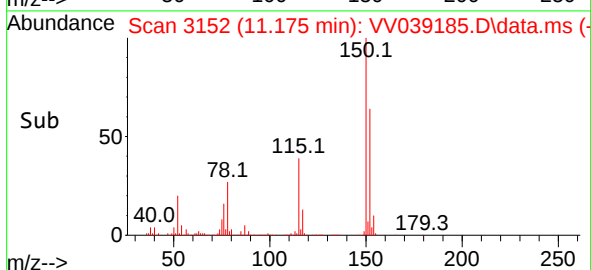
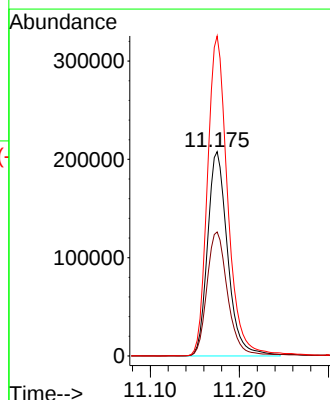
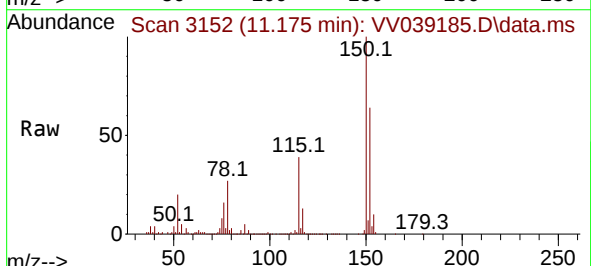
Tgt Ion:152 Resp: 325221

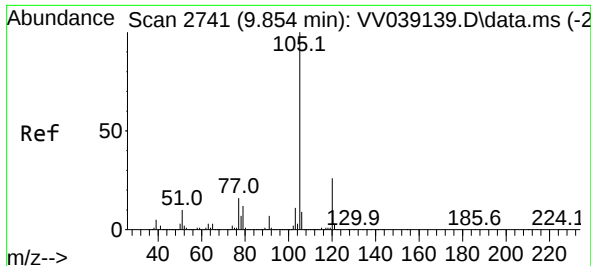
Ion Ratio Lower Upper

152 100

115 63.3 44.8 134.4

150 158.1 0.0 353.8

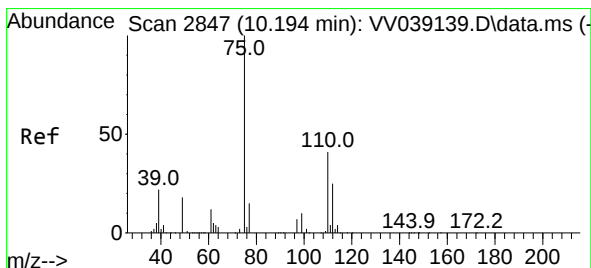
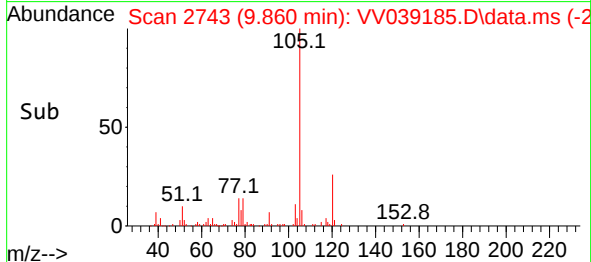
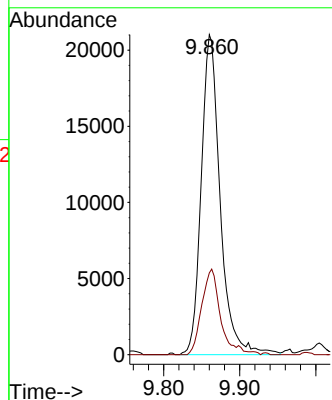
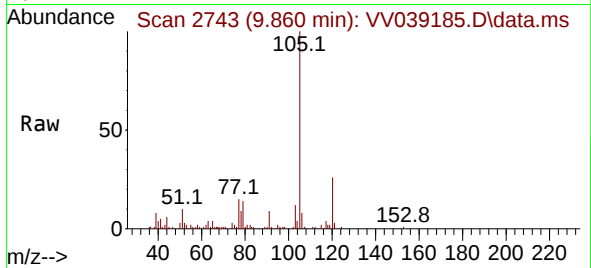




#73
Isopropylbenzene
Concen: 1.543 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

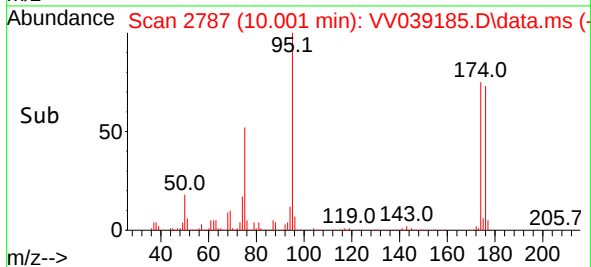
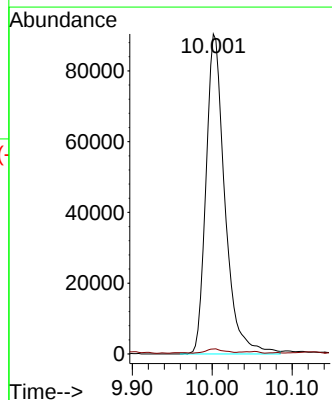
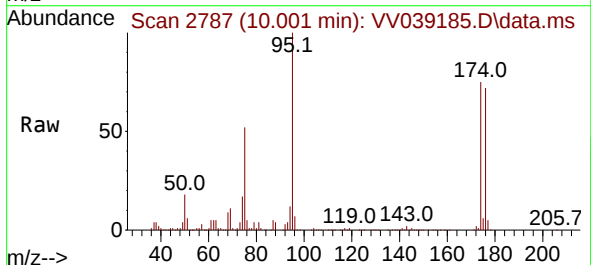
Instrument :
MSVOA_V
ClientSampleId :

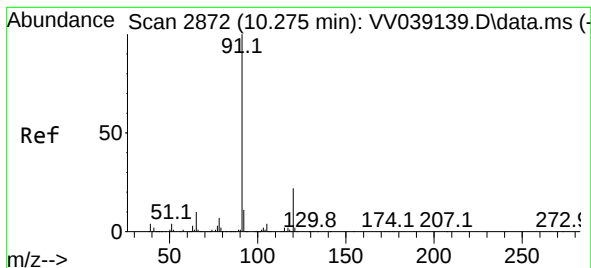
Tgt Ion:105 Resp: 36396
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#76
1,2,3-Trichloropropane
Concen: 20.040 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.193 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 75 Resp: 148395
Ion Ratio Lower Upper
75 100
77 1.3 11.3 33.8#





#78

n-propylbenzene

Concen: 1.030 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.010 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

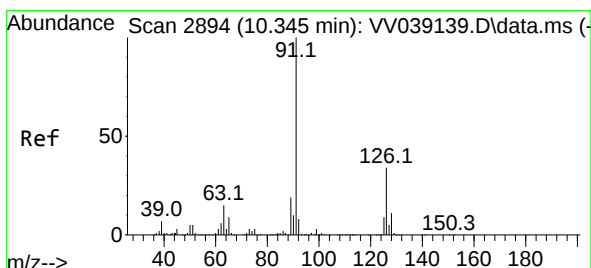
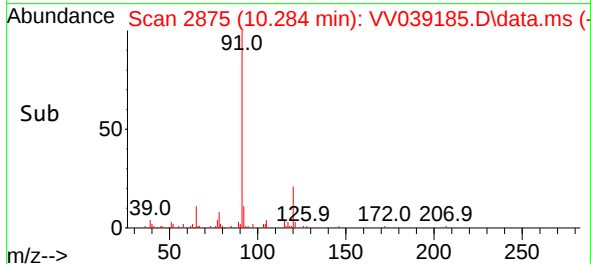
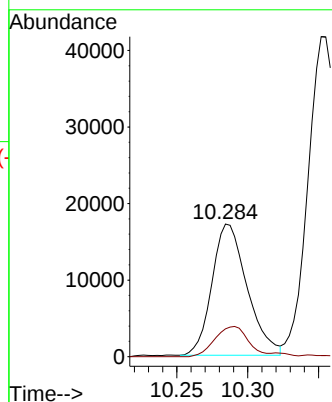
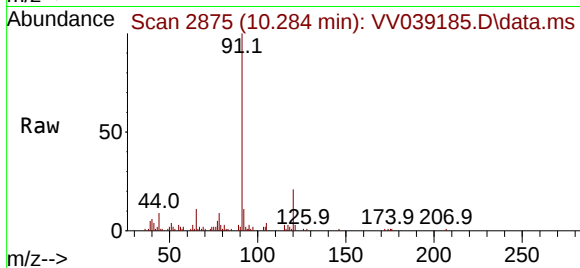
ClientSampleId :

Tgt Ion: 91 Resp: 29586

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.3



#79

2-Chlorotoluene

Concen: 4.080 ug/l

RT: 10.352 min Scan# 2896

Delta R.T. 0.006 min

Lab File: VV039185.D

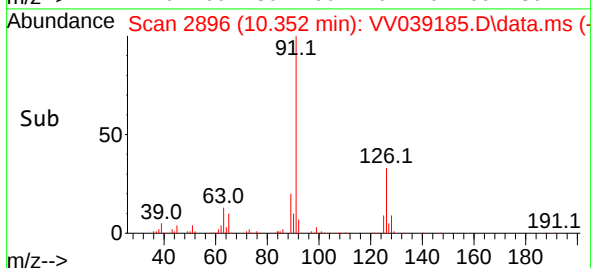
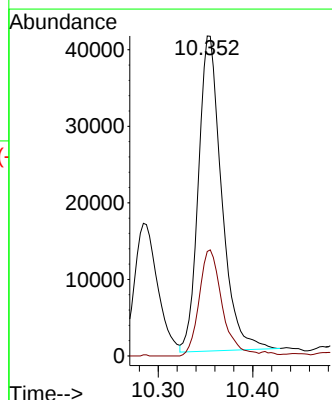
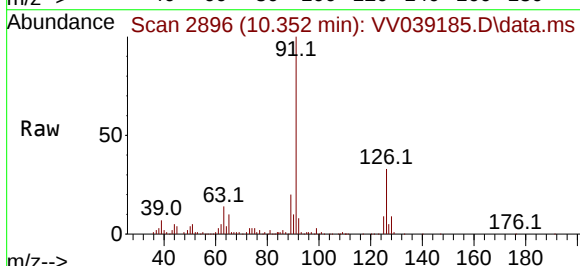
Acq: 25 Sep 2025 16:40

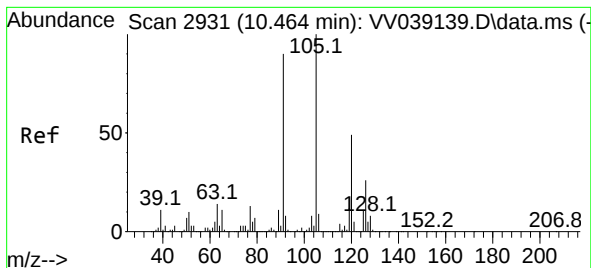
Tgt Ion: 91 Resp: 70132

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0





#80

1,3,5-Trimethylbenzene

Concen: 1.286 ug/l

RT: 10.667 min Scan# 2931

Delta R.T. 0.202 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

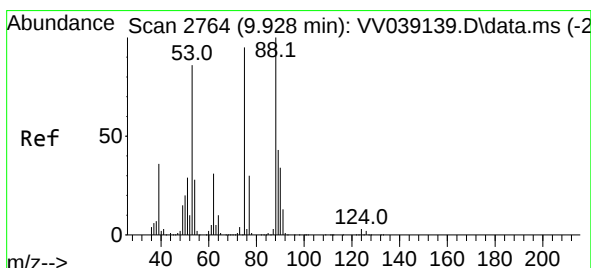
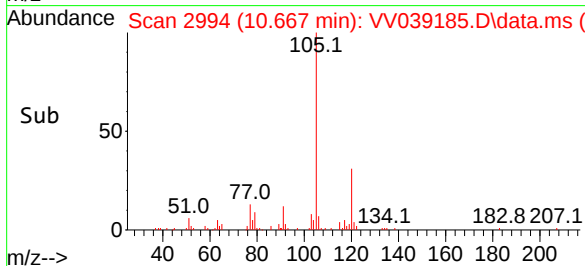
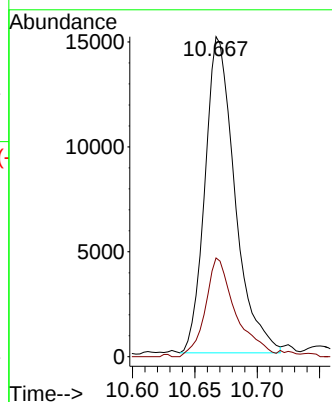
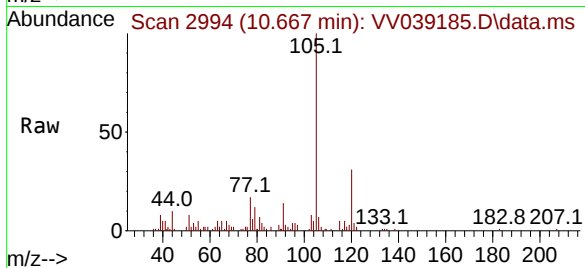
ClientSampleId :

Tgt Ion:105 Resp: 25220

Ion Ratio Lower Upper

105 100

120 31.3 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 48.111 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.074 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

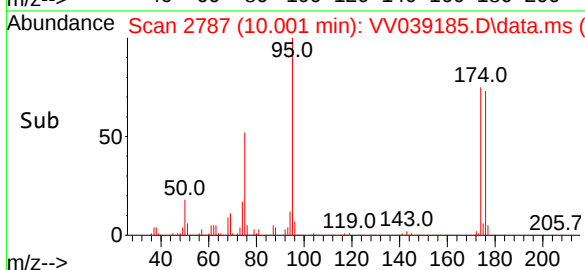
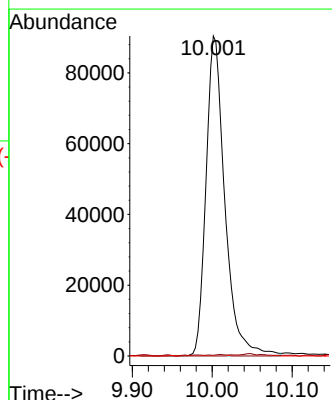
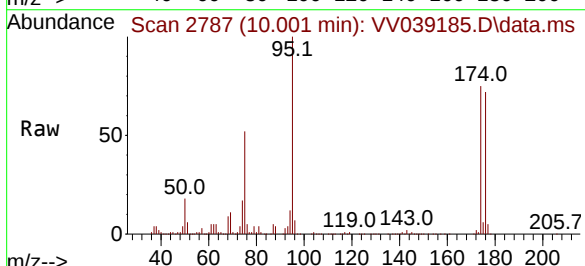
Tgt Ion: 75 Resp: 148395

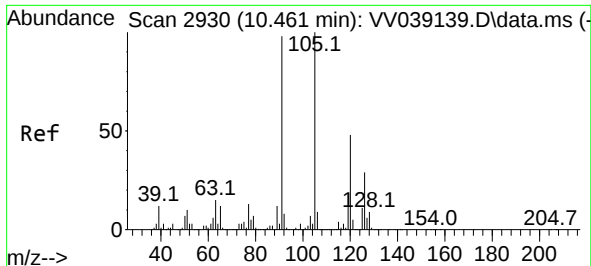
Ion Ratio Lower Upper

75 100

53 0.1 72.5 108.7#

89 0.0 37.2 55.8#

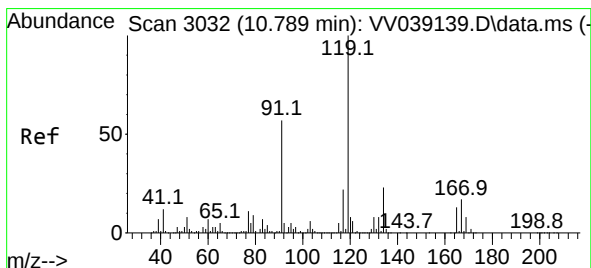
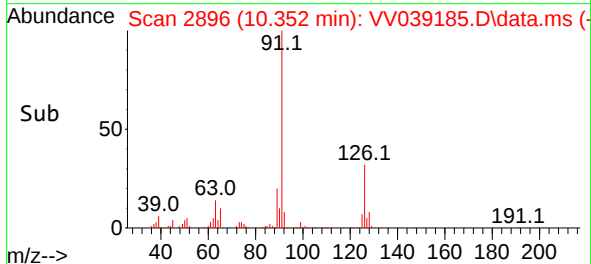
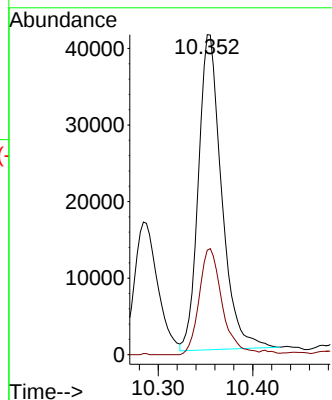
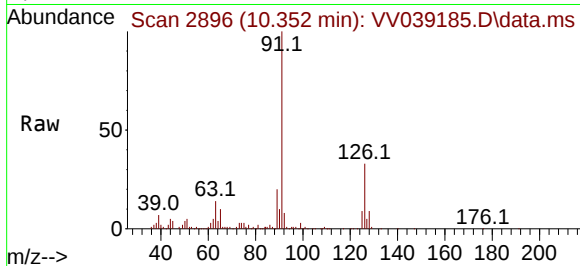




#82
4-Chlorotoluene
Concen: 3.519 ug/l
RT: 10.352 min Scan# 21
Delta R.T. -0.109 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

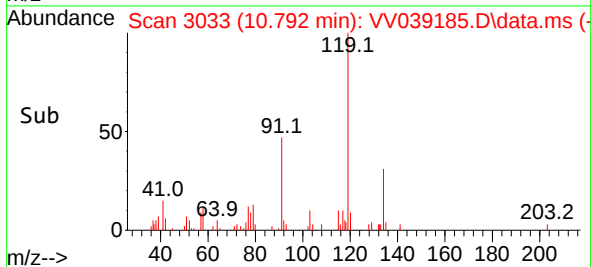
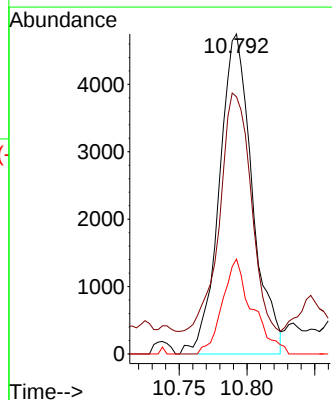
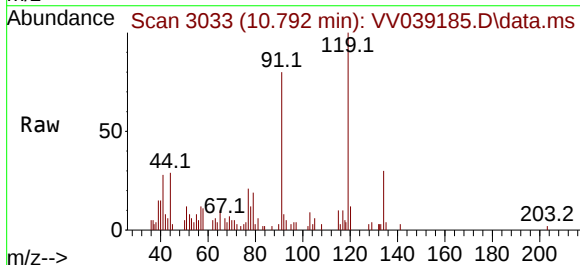
Instrument :
MSVOA_V
ClientSampleId :

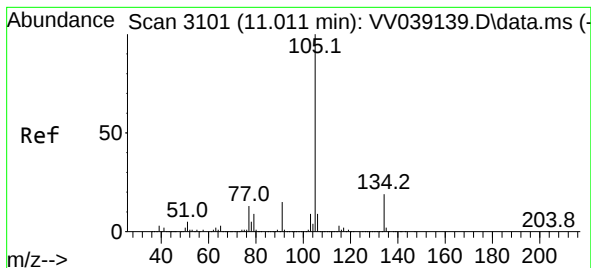
Tgt Ion: 91 Resp: 70132
Ion Ratio Lower Upper
91 100
126 33.3 14.5 43.6



#83
tert-Butylbenzene
Concen: 0.411 ug/l
RT: 10.792 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 119 Resp: 8040
Ion Ratio Lower Upper
119 100
91 70.0 28.5 85.6
134 26.9 11.5 34.4





#85

sec-Butylbenzene

Concen: 0.690 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

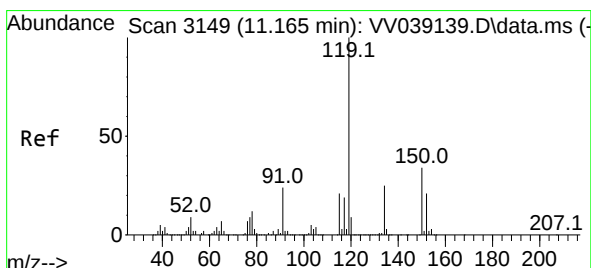
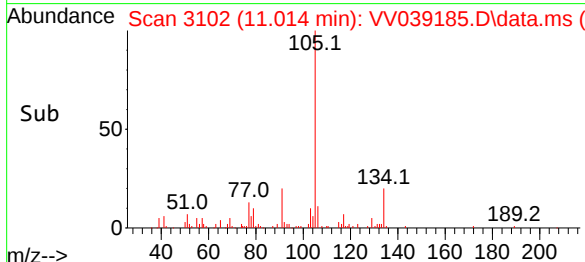
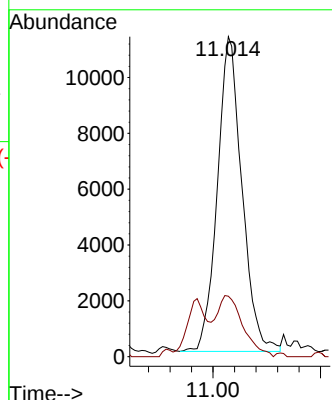
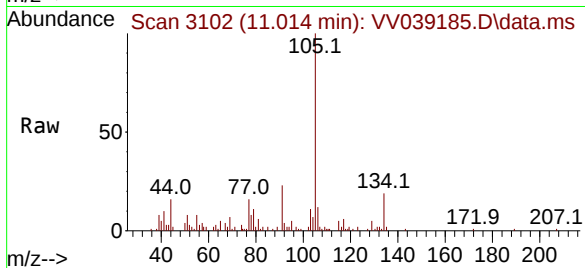
ClientSampleId :

Tgt Ion:105 Resp: 17900

Ion Ratio Lower Upper

105 100

134 20.6 9.6 28.8



#86

p-Isopropyltoluene

Concen: 0.759 ug/l

RT: 11.381 min Scan# 3216

Delta R.T. 0.215 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

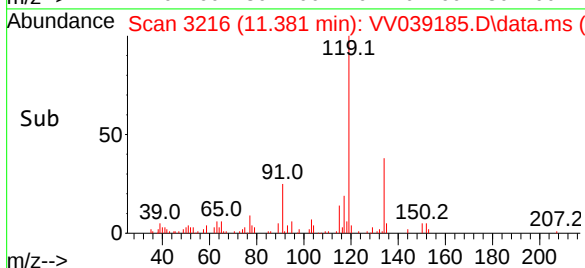
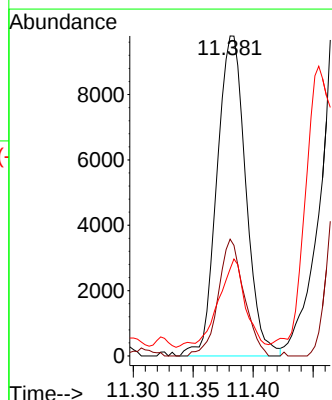
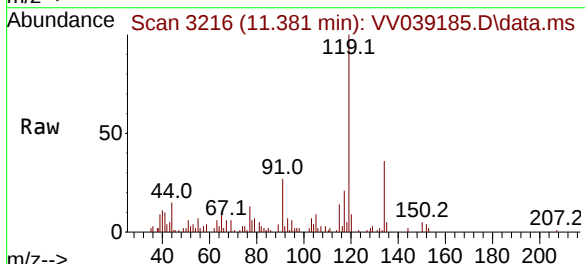
Tgt Ion:119 Resp: 16383

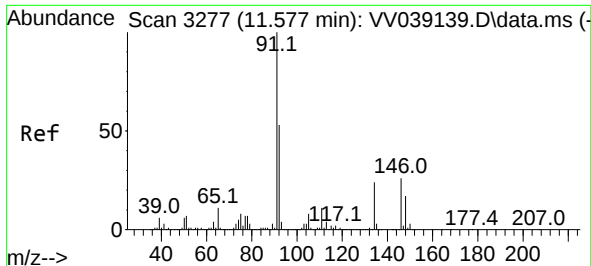
Ion Ratio Lower Upper

119 100

134 32.5 12.7 38.0

91 25.7 12.0 36.1





#89

n-Butylbenzene

Concen: 0.671 ug/l

RT: 11.586 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

ClientSampleId :

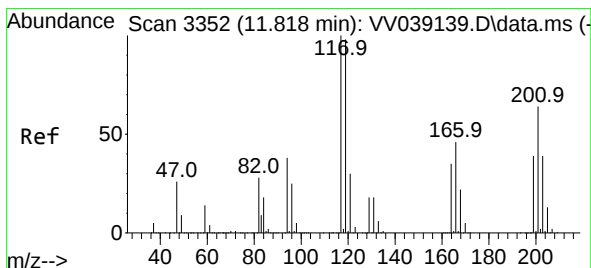
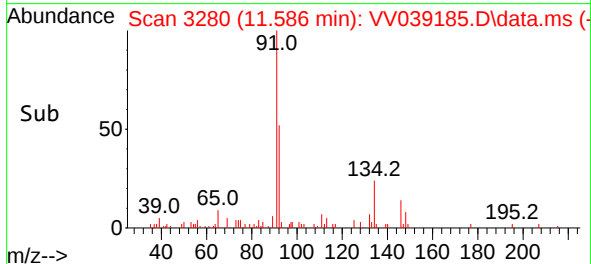
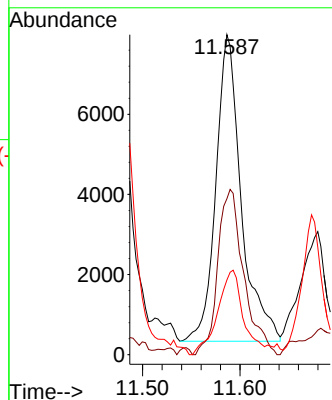
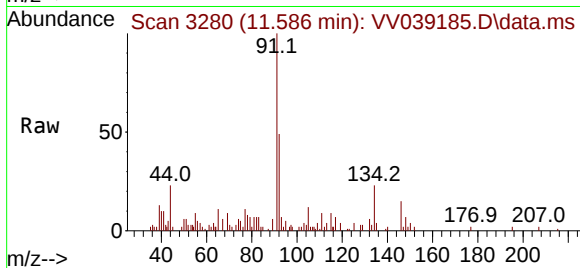
Tgt Ion: 91 Resp: 13827

Ion Ratio Lower Upper

91 100

92 55.1 26.6 79.8

134 29.3 12.1 36.3



#90

Hexachloroethane

Concen: 3.300 ug/l

RT: 11.943 min Scan# 3391

Delta R.T. 0.125 min

Lab File: VV039185.D

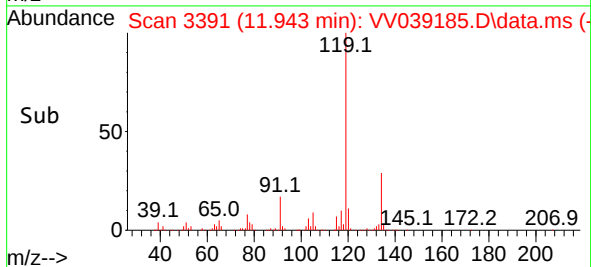
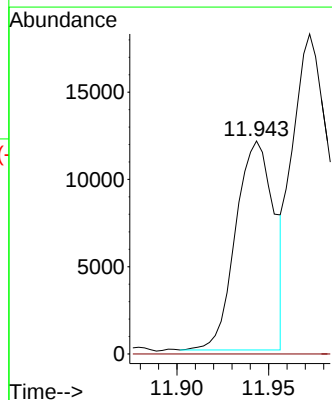
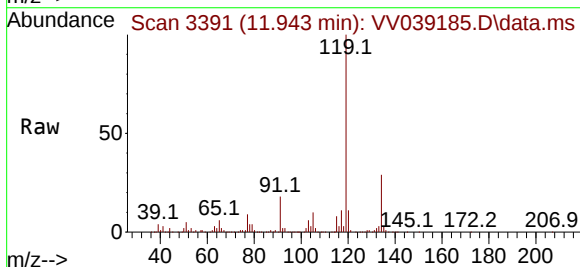
Acq: 25 Sep 2025 16:40

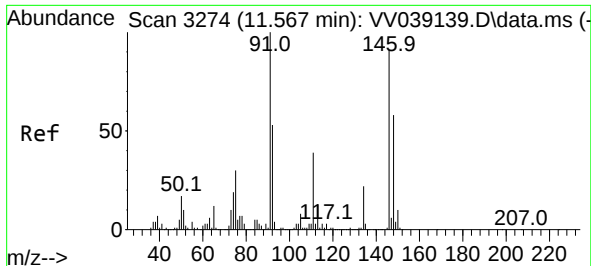
Tgt Ion: 117 Resp: 17539

Ion Ratio Lower Upper

117 100

201 0.0 32.3 96.8#

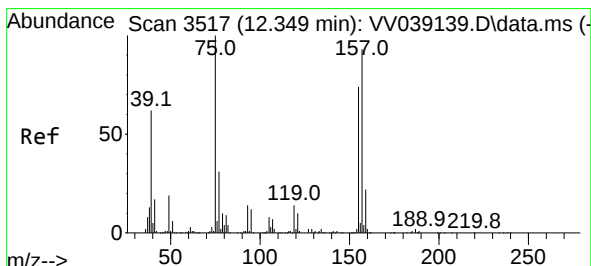
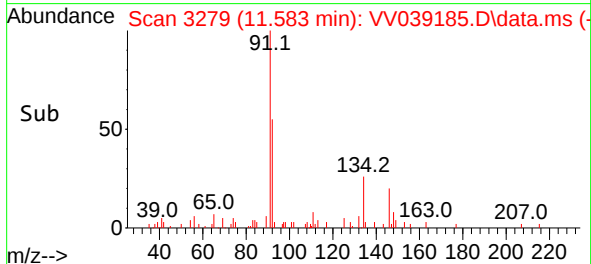
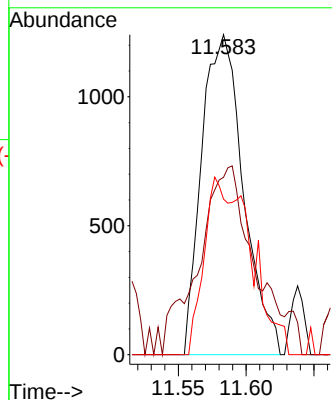
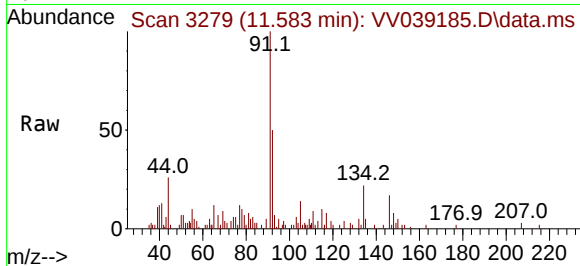




#91
1,2-Dichlorobenzene
Concen: 0.230 ug/l
RT: 11.583 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

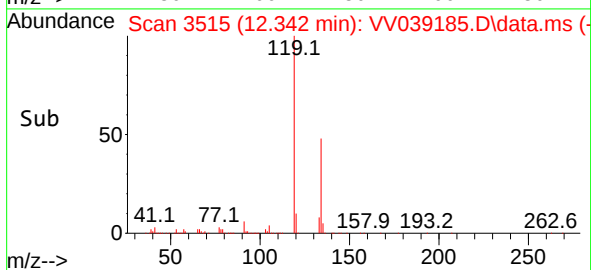
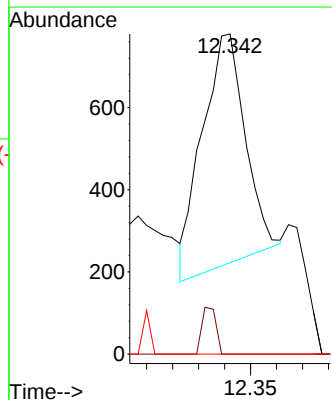
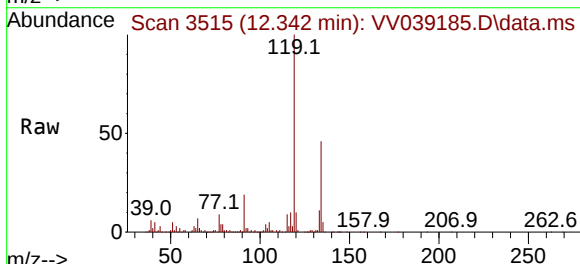
Instrument :
MSVOA_V
ClientSampleId :

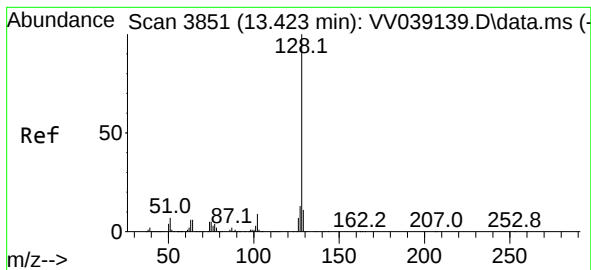
Tgt Ion:146 Resp: 2660
Ion Ratio Lower Upper
146 100
111 70.2 21.5 64.5#
148 30.8 31.9 95.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.342 min Scan# 3515
Delta R.T. -0.007 min
Lab File: VV039185.D
Acq: 25 Sep 2025 16:40

Tgt Ion: 75 Resp: 650
Ion Ratio Lower Upper
75 100
155 6.6 38.6 115.8#
157 0.0 49.5 148.3#





#95

Naphthalene

Concen: 0.767 ug/l

RT: 13.435 min Scan# 3855

Delta R.T. 0.012 min

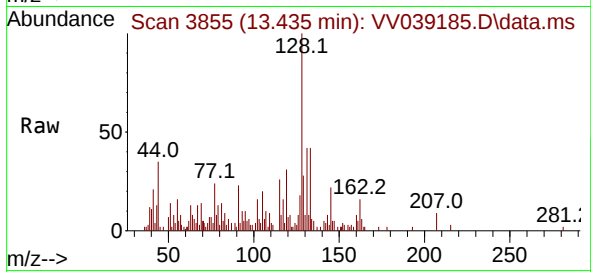
Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 16440

Ion Ratio Lower Upper

128 100

127 6.7 10.3 15.5#

129 0.0 8.6 13.0#

