

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039178.D
 Acq On : 25 Sep 2025 14:03
 Operator : SY/MD
 Sample : Q3168-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TOTES COMP#2

Quant Time: Sep 26 01:27:57 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)

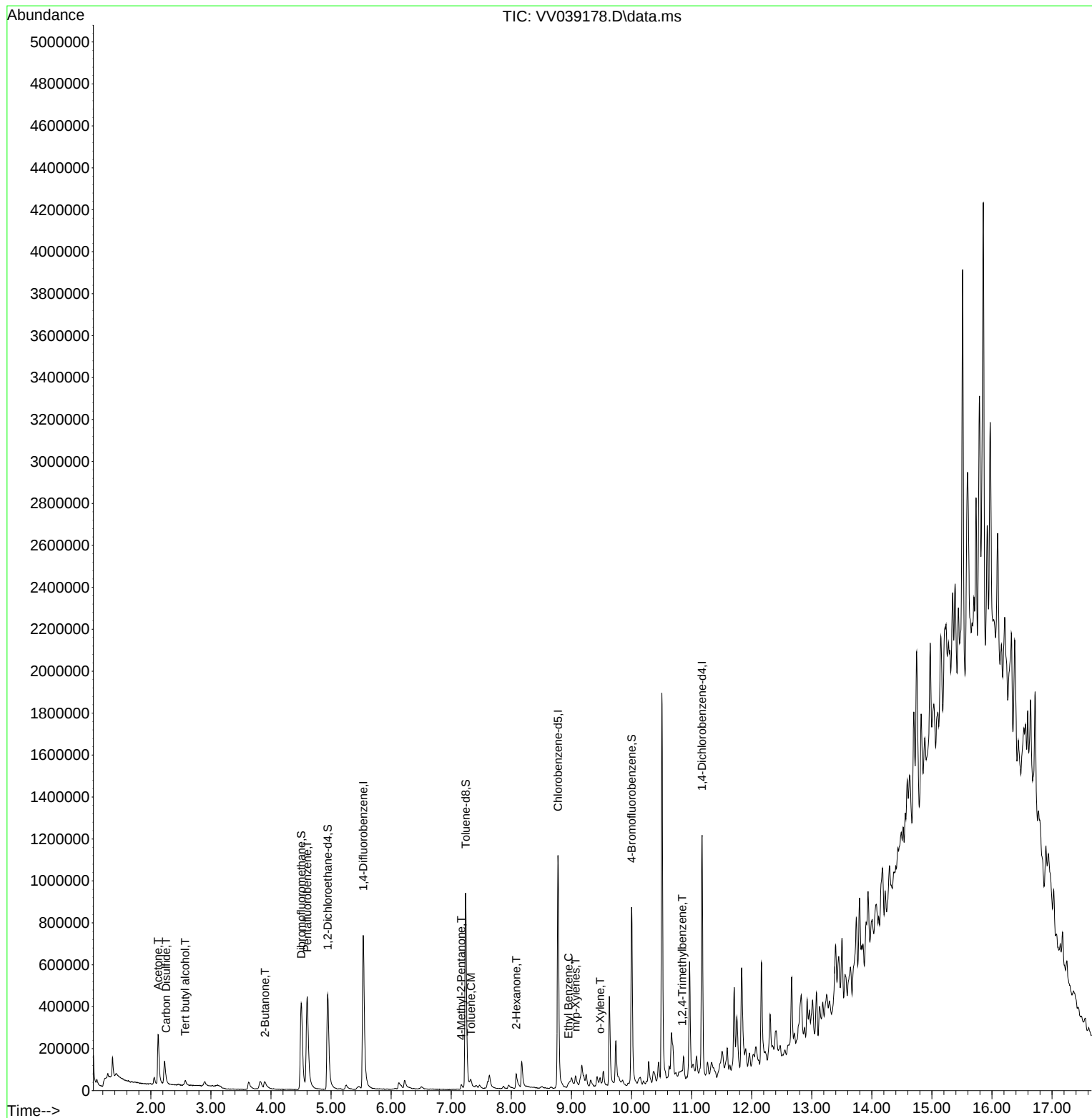
Internal Standards						
1) Pentafluorobenzene	4.603	168	372931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	727936	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	619945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	297418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	410371	76.031	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 152.060%#			
35) Dibromofluoromethane	4.503	113	350931	59.968	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 119.940%#			
50) Toluene-d8	7.239	98	690767	40.190	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 80.380%#			
62) 4-Bromofluorobenzene	10.001	95	287774	40.671	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 81.340%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.571	59	25136	22.034	ug/l	96
16) Acetone	2.121	43	290099	80.374	ug/l	98
17) Carbon Disulfide	2.256	76	6117	0.356	ug/l	95
25) 2-Butanone	3.899	43	64291	14.875	ug/l	100
51) 4-Methyl-2-Pentanone	7.165	43	17594	1.827	ug/l	88
52) Toluene	7.329	92	16560	0.991	ug/l	96
59) 2-Hexanone	8.082	43	56115	9.477	ug/l	96
67) Ethyl Benzene	8.950	91	14526	0.556	ug/l	97
68) m/p-Xylenes	9.072	106	13384	1.327	ug/l	94
69) o-Xylene	9.477	106	7971	0.892	ug/l	93
84) 1,2,4-Trimethylbenzene	10.844	105	20053	1.152	ug/l	96

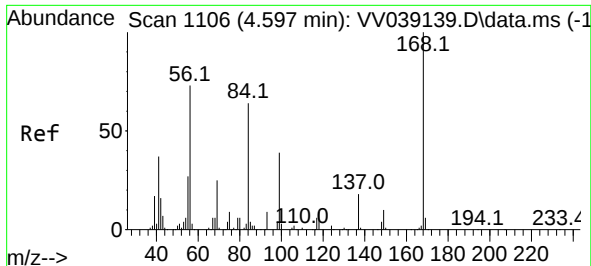
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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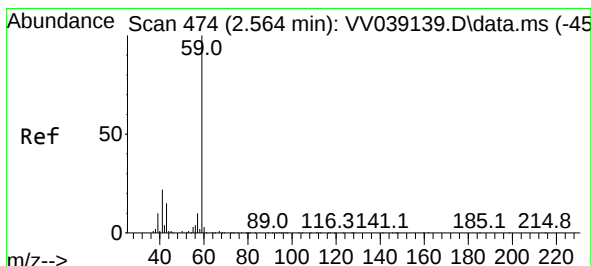
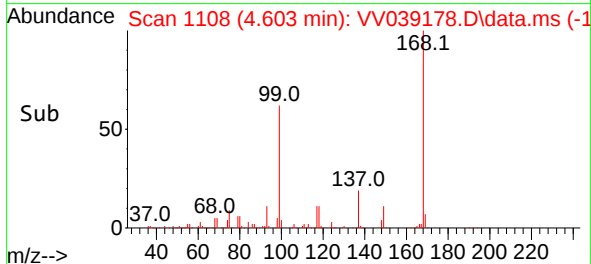
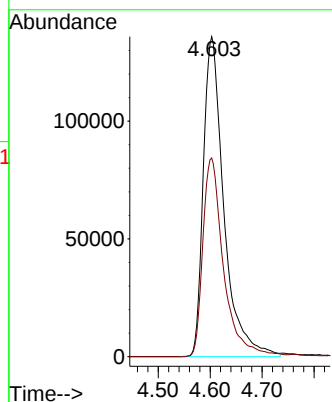
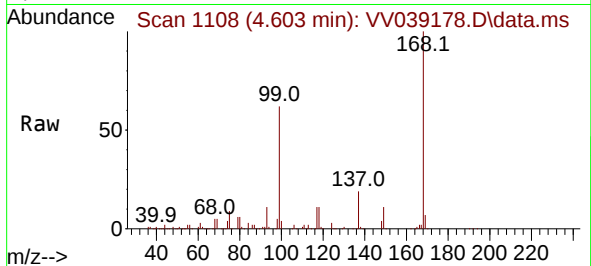




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

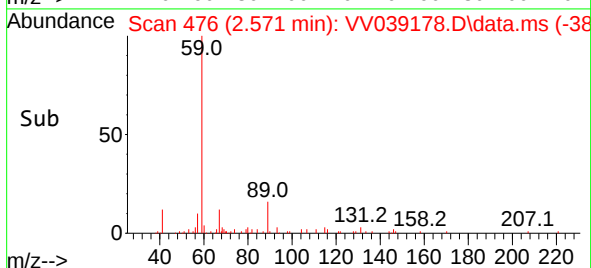
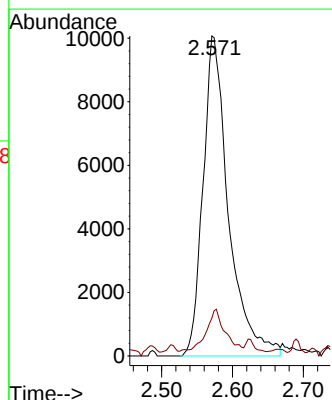
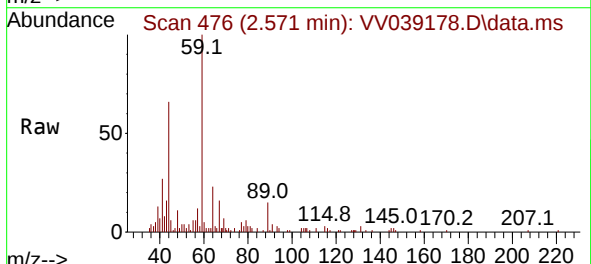
Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2

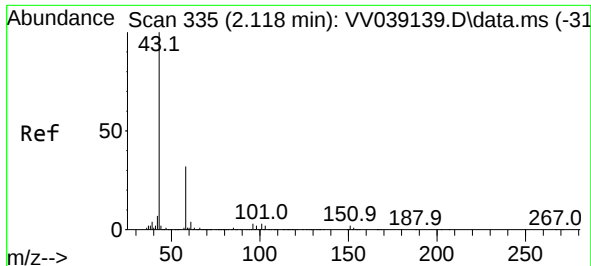
Tgt Ion:168 Resp: 372931
Ion Ratio Lower Upper
168 100
99 62.1 49.6 74.4



#11
Tert butyl alcohol
Concen: 22.034 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

Tgt Ion: 59 Resp: 25136
Ion Ratio Lower Upper
59 100
57 11.2 7.8 11.8

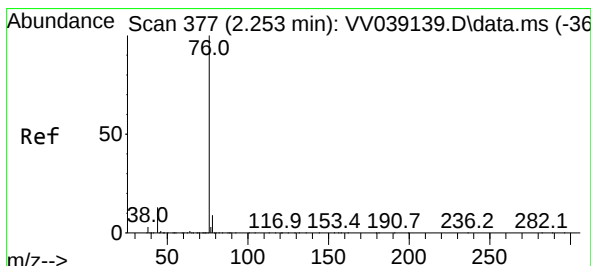
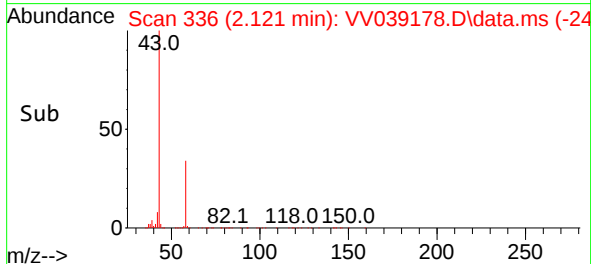
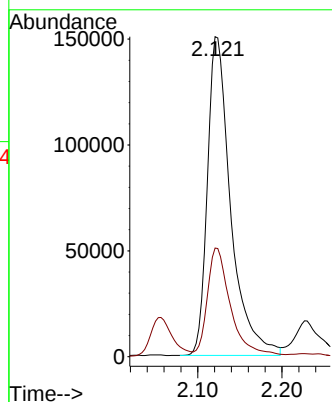
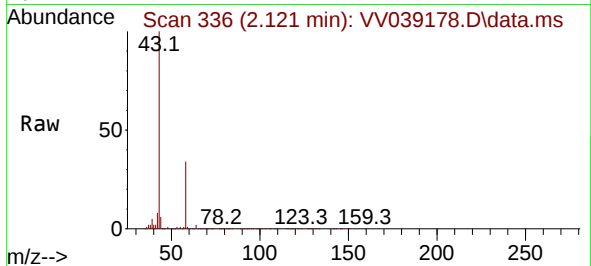




#16
Acetone
Concen: 80.374 ug/l
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

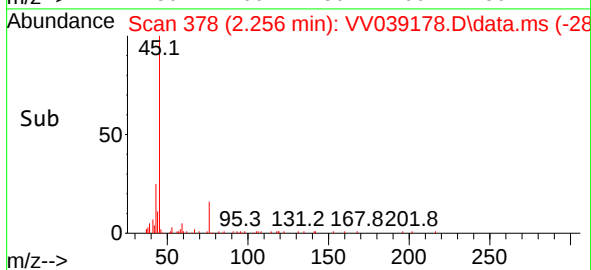
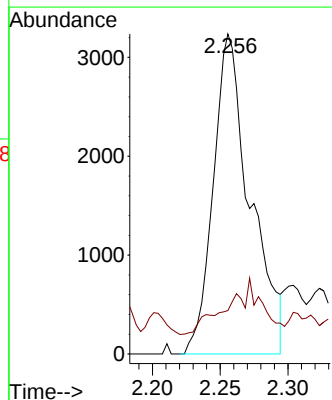
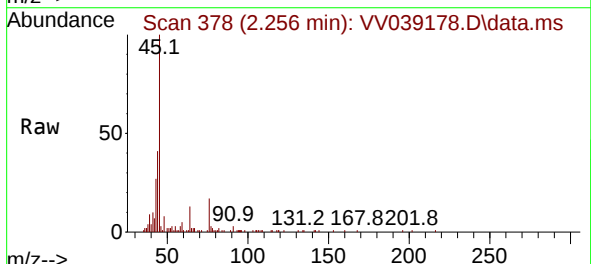
Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2

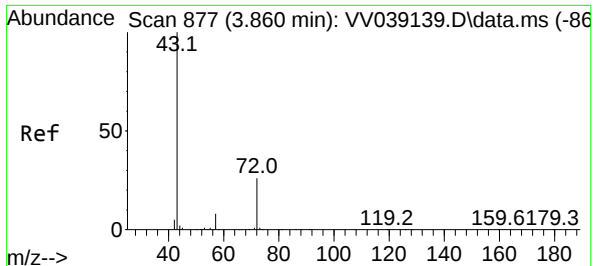
Tgt Ion: 43 Resp: 290099
Ion Ratio Lower Upper
43 100
58 33.3 25.8 38.6



#17
Carbon Disulfide
Concen: 0.356 ug/l
RT: 2.256 min Scan# 378
Delta R.T. 0.003 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

Tgt Ion: 76 Resp: 6117
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0





#25

2-Butanone

Concen: 14.875 ug/l

RT: 3.899 min Scan# 81

Delta R.T. 0.038 min

Lab File: VV039178.D

Acq: 25 Sep 2025 14:03

Instrument :

MSVOA_V

ClientSampleId :

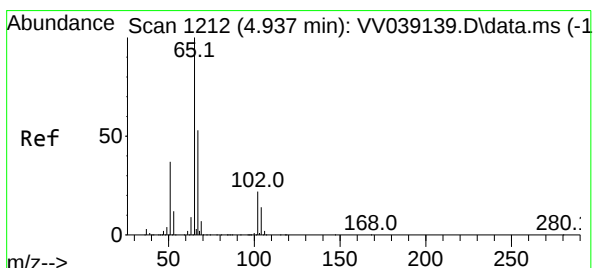
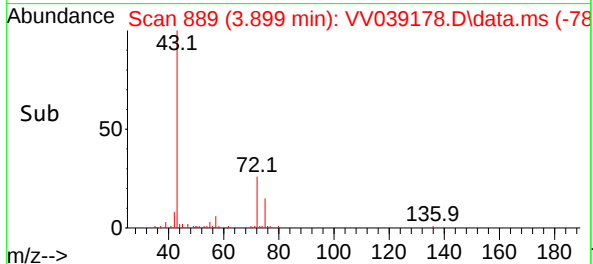
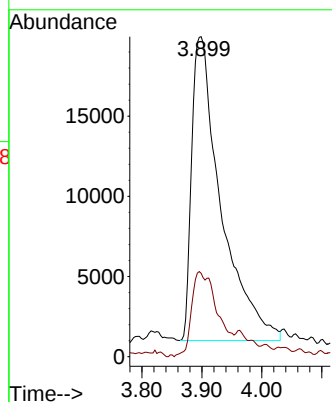
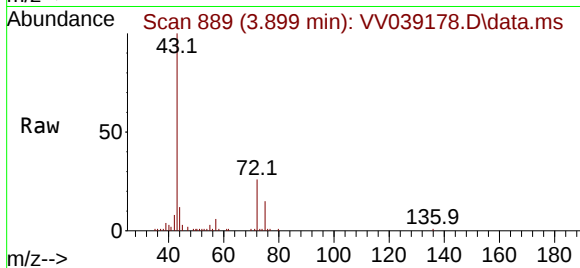
TOTES COMP#2

Tgt Ion: 43 Resp: 64291

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 76.031 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039178.D

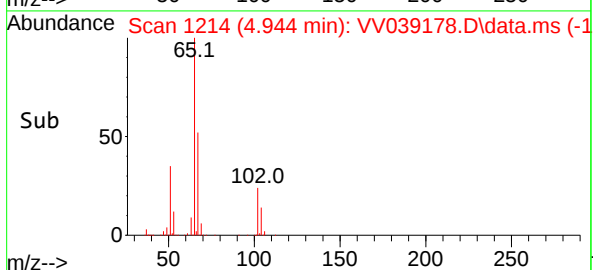
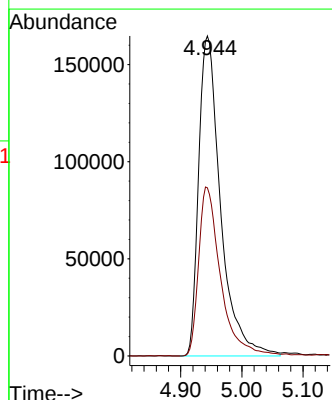
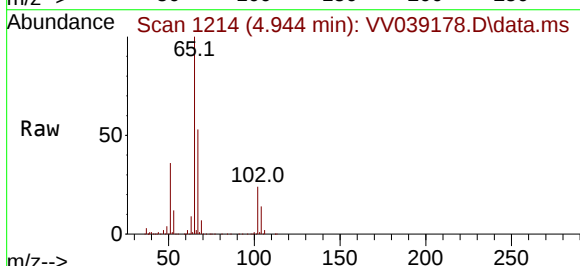
Acq: 25 Sep 2025 14:03

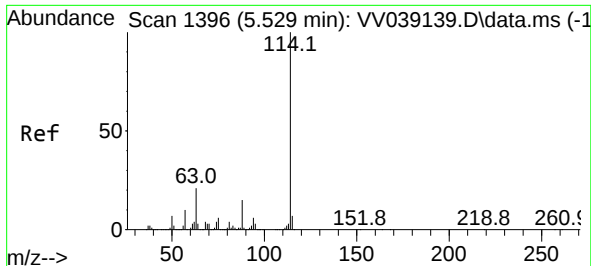
Tgt Ion: 65 Resp: 410371

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 114

Delta R.T. 0.006 min

Lab File: VV039178.D

Acq: 25 Sep 2025 14:03

Instrument :

MSVOA_V

ClientSampleId :

TOTES COMP#2

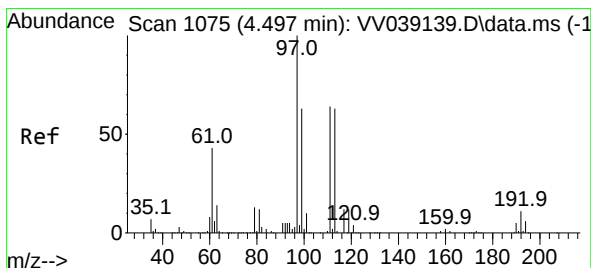
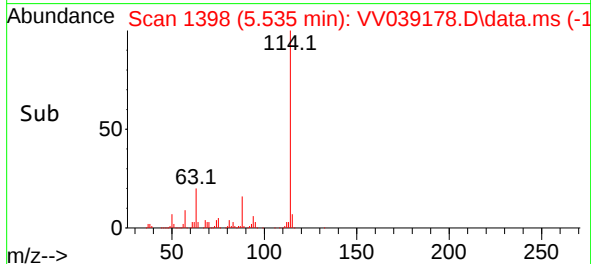
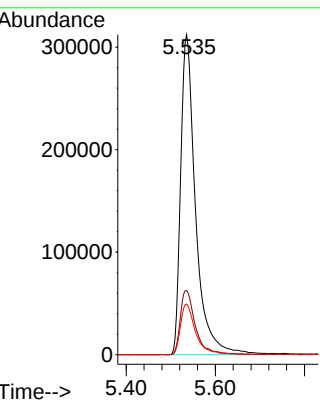
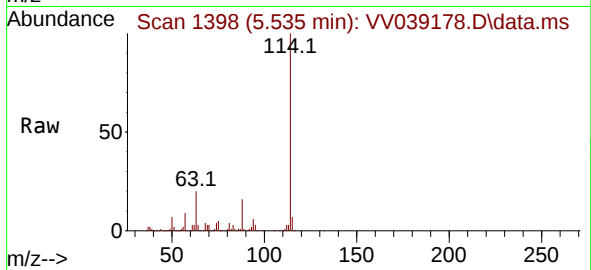
Tgt Ion:114 Resp: 727936

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 59.968 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039178.D

Acq: 25 Sep 2025 14:03

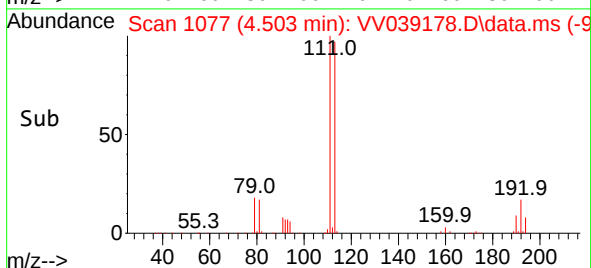
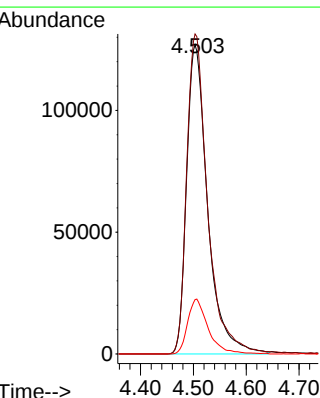
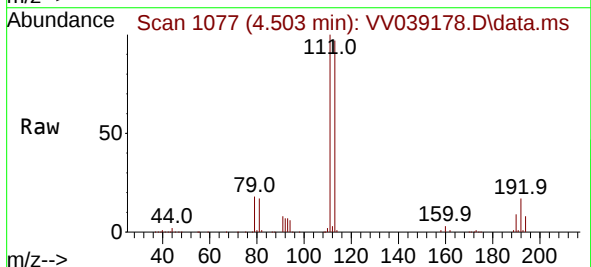
Tgt Ion:113 Resp: 350931

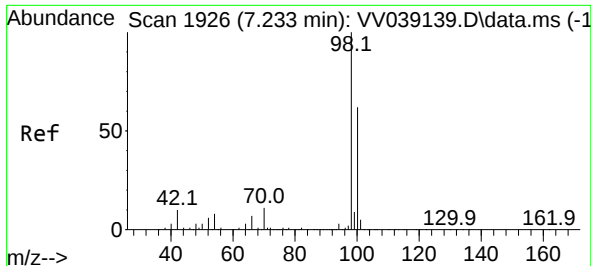
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.3 13.8 20.8

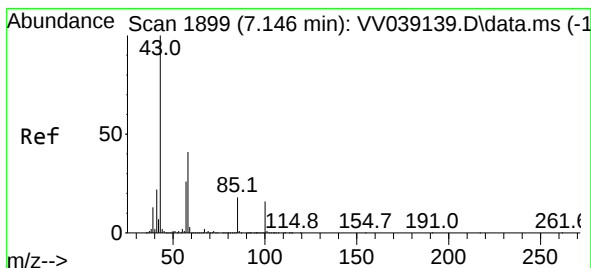
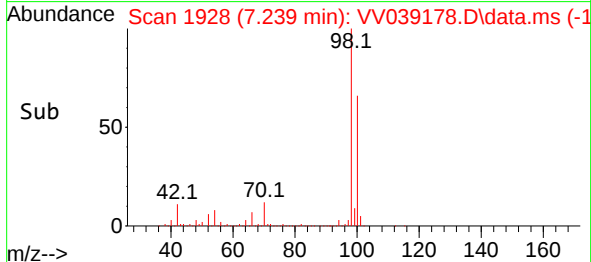
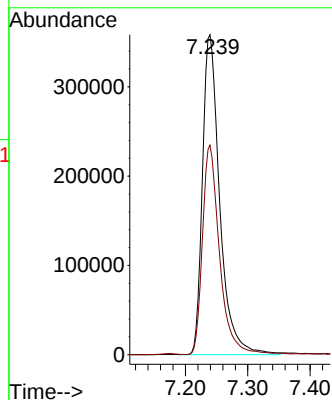
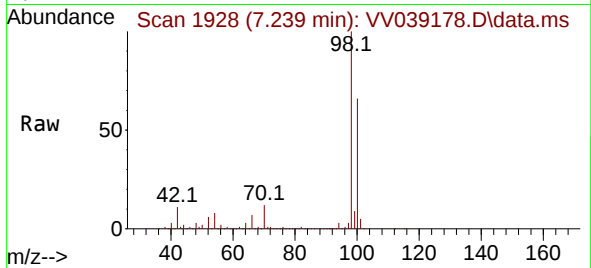




#50
Toluene-d8
Concen: 40.190 ug/l
RT: 7.239 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

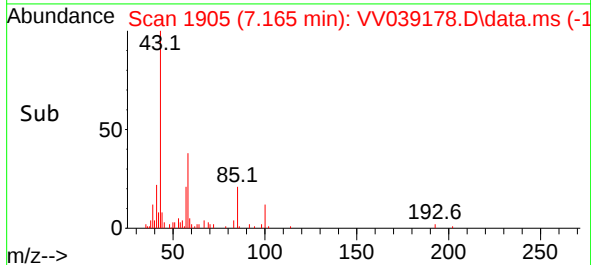
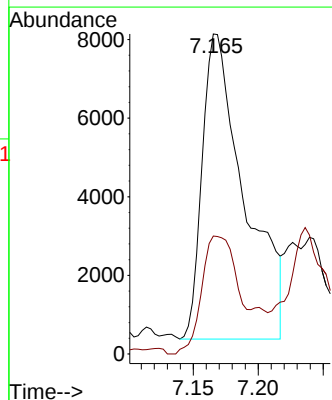
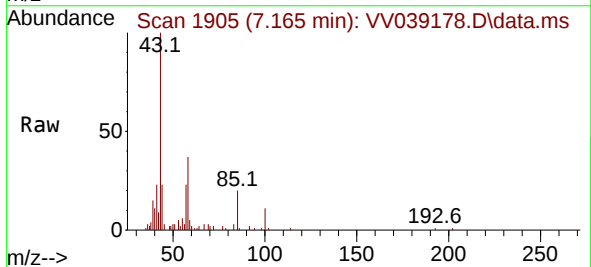
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TOTES COMP#2

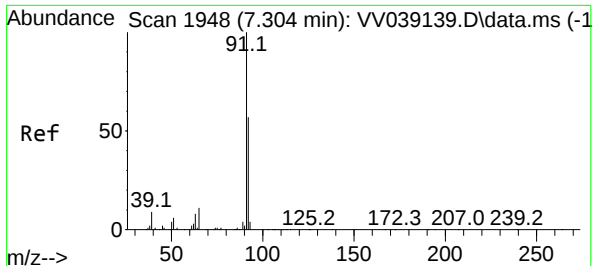
Tgt Ion: 98 Resp: 690767
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.827 ug/l
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

Tgt Ion: 43 Resp: 17594
Ion Ratio Lower Upper
43 100
58 33.2 32.3 48.5

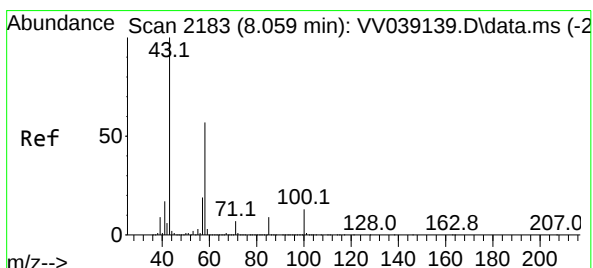
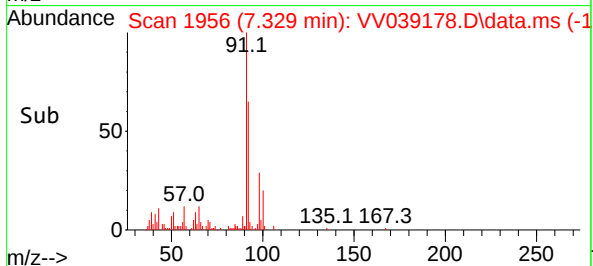
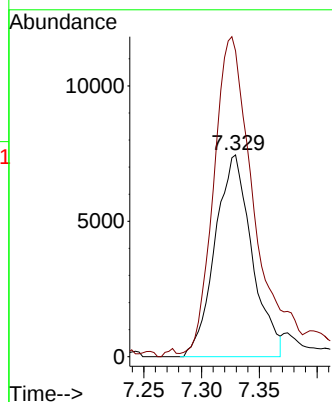
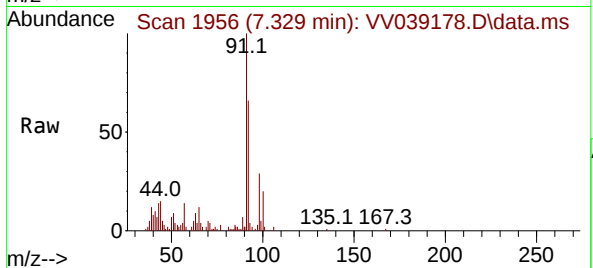




#52
Toluene
Concen: 0.991 ug/l
RT: 7.329 min Scan# 1948
Delta R.T. 0.025 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

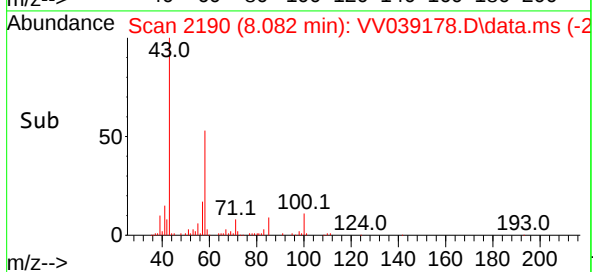
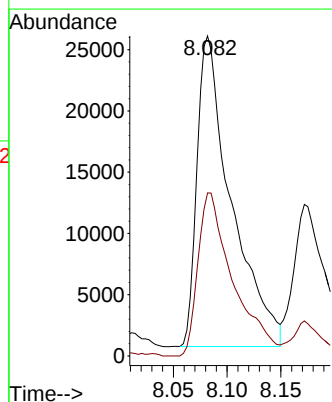
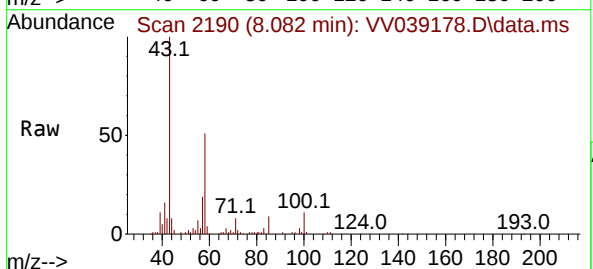
Instrument :
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TOTES COMP#2

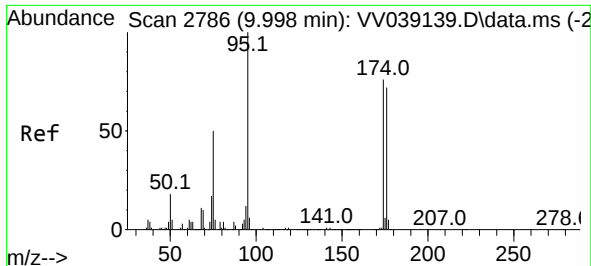
Tgt Ion: 92 Resp: 16560
Ion Ratio Lower Upper
92 100
91 169.1 139.2 208.8



#59
2-Hexanone
Concen: 9.477 ug/l
RT: 8.082 min Scan# 2190
Delta R.T. 0.023 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

Tgt Ion: 43 Resp: 56115
Ion Ratio Lower Upper
43 100
58 53.9 28.3 85.0

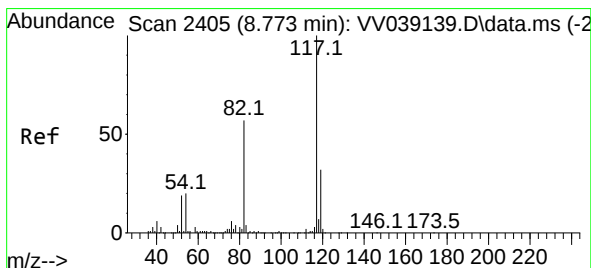
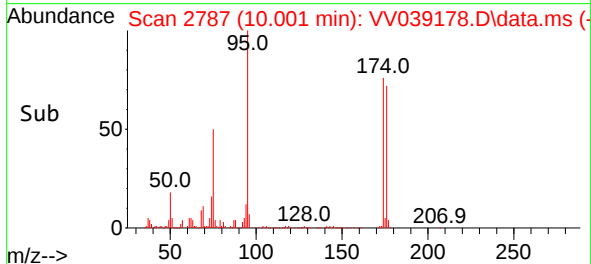
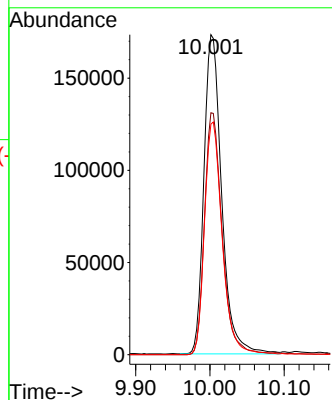
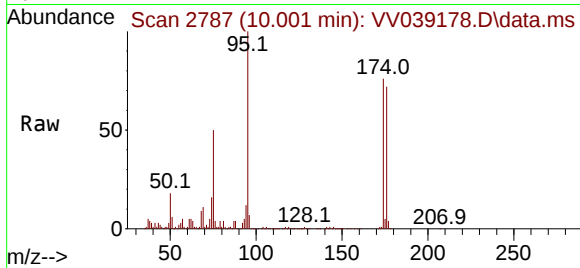




#62
4-Bromofluorobenzene
Concen: 40.671 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

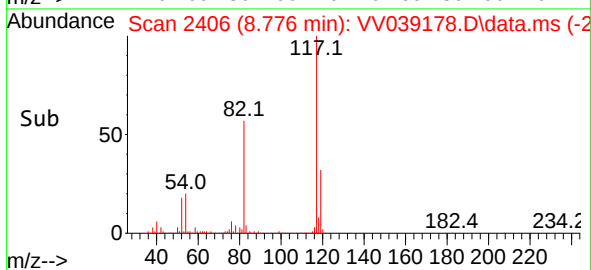
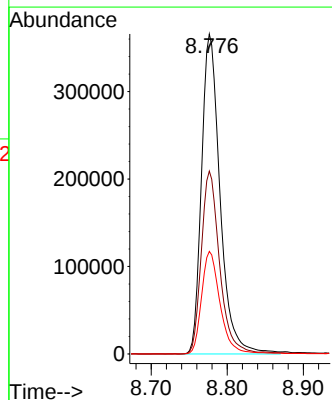
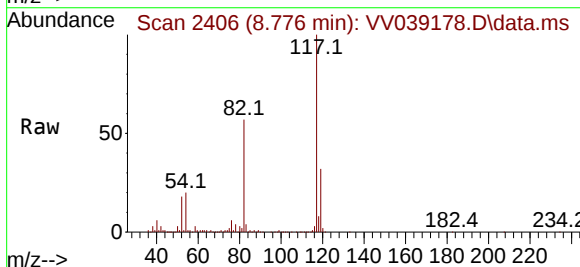
Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2

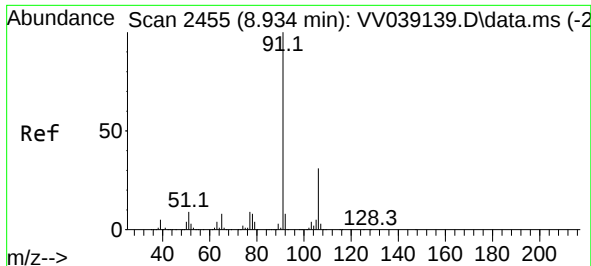
Tgt Ion: 95 Resp: 287774
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 72.7 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039178.D
Acq: 25 Sep 2025 14:03

Tgt Ion: 117 Resp: 619945
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.1 25.6 38.4





#67

Ethyl Benzene

Concen: 0.556 ug/l

RT: 8.950 min Scan# 2455

Delta R.T. 0.016 min

Lab File: VV039178.D

Acq: 25 Sep 2025 14:03

Instrument :

MSVOA_V

ClientSampleId :

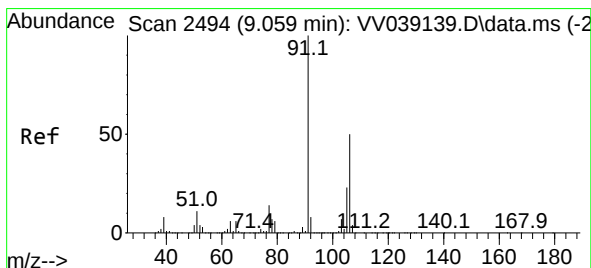
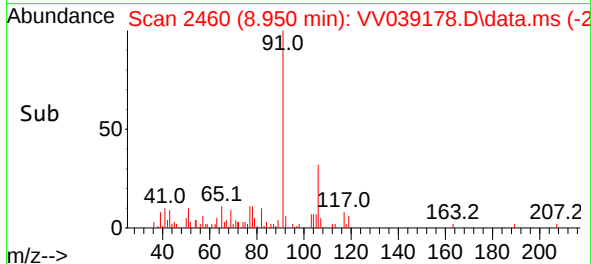
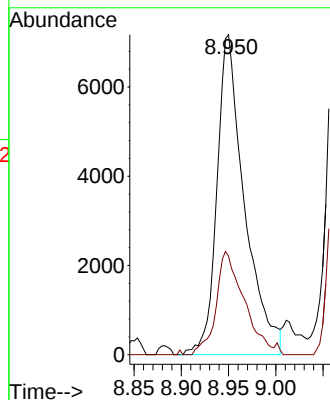
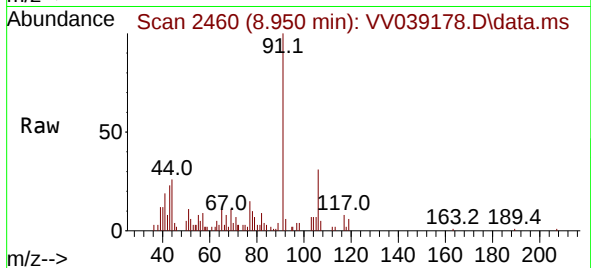
TOTES COMP#2

Tgt Ion: 91 Resp: 14526

Ion Ratio Lower Upper

91 100

106 29.3 24.6 37.0



#68

m/p-Xylenes

Concen: 1.327 ug/l

RT: 9.072 min Scan# 2498

Delta R.T. 0.013 min

Lab File: VV039178.D

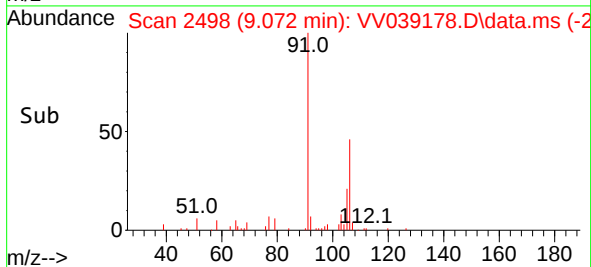
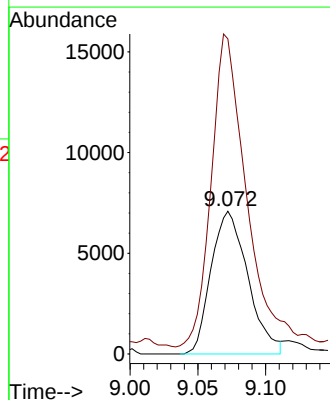
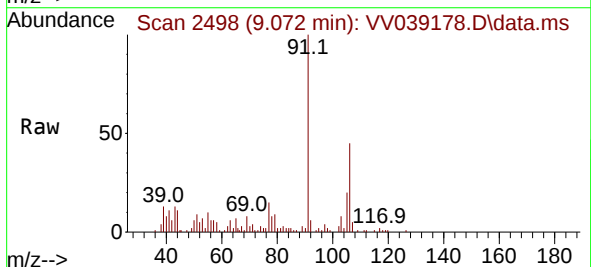
Acq: 25 Sep 2025 14:03

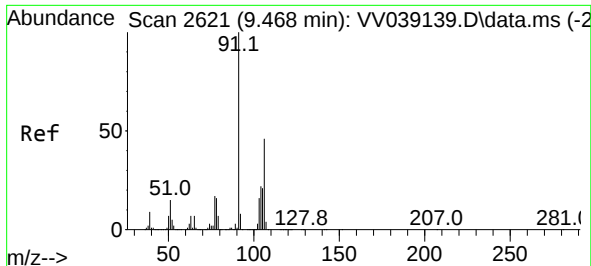
Tgt Ion: 106 Resp: 13384

Ion Ratio Lower Upper

106 100

91 211.9 162.5 243.7





#69

o-Xylene

Concen: 0.892 ug/l

RT: 9.477 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV039178.D

Acq: 25 Sep 2025 14:03

Instrument :

MSVOA_V

ClientSampleId :

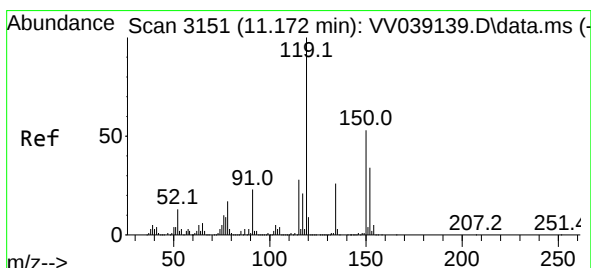
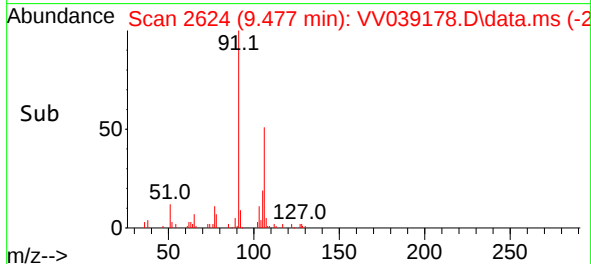
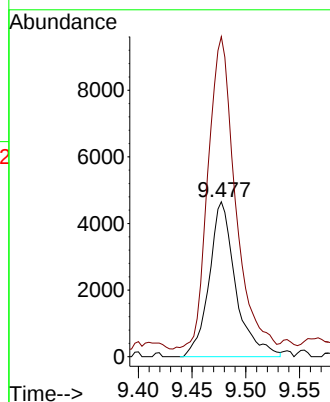
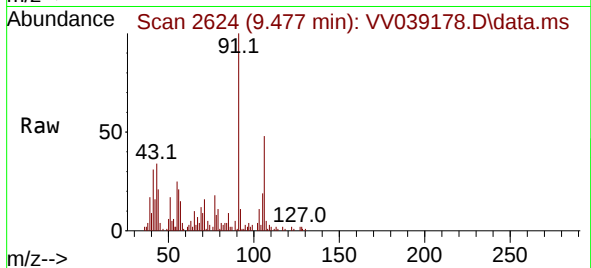
TOTES COMP#2

Tgt Ion:106 Resp: 7971

Ion Ratio Lower Upper

106 100

91 206.7 109.1 327.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039178.D

Acq: 25 Sep 2025 14:03

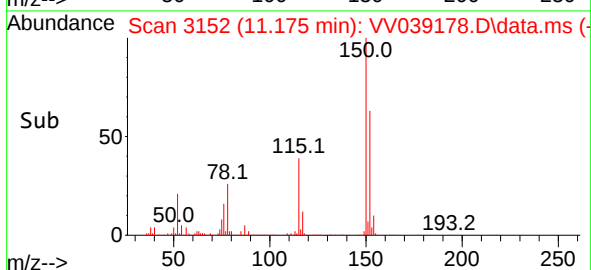
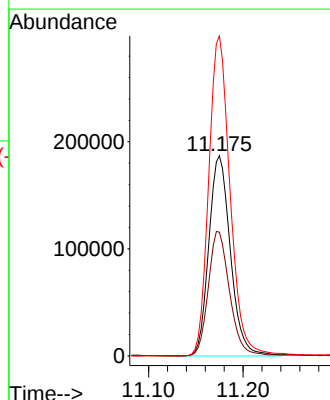
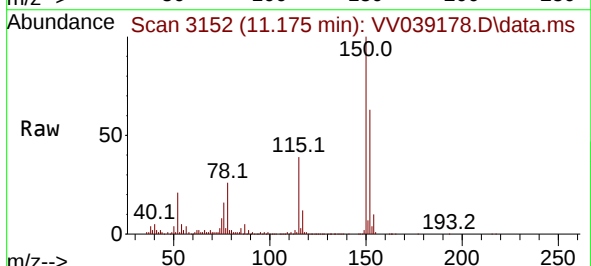
Tgt Ion:152 Resp: 297418

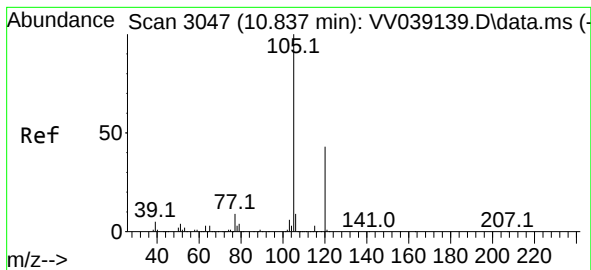
Ion Ratio Lower Upper

152 100

115 60.9 44.8 134.4

150 158.2 0.0 353.8





#84

1,2,4-Trimethylbenzene

Concen: 1.152 ug/l

RT: 10.844 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VV039178.D

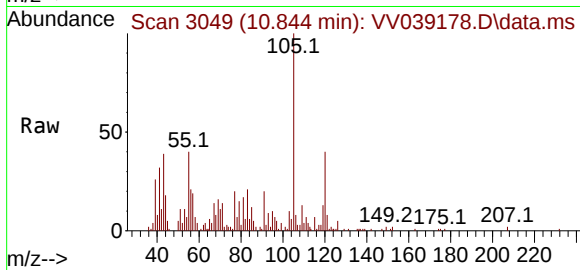
Acq: 25 Sep 2025 14:03

Instrument :

MSVOA_V

ClientSampleId :

TOTES COMP#2



Tgt Ion:105 Resp: 20053

Ion Ratio Lower Upper

105 100

120 42.1 22.4 67.2

