

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039184.D
 Acq On : 25 Sep 2025 16:18
 Operator : SY/MD
 Sample : Q3168-06RE
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TOTES COMP#2RE

Quant Time: Sep 26 01:32:07 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)

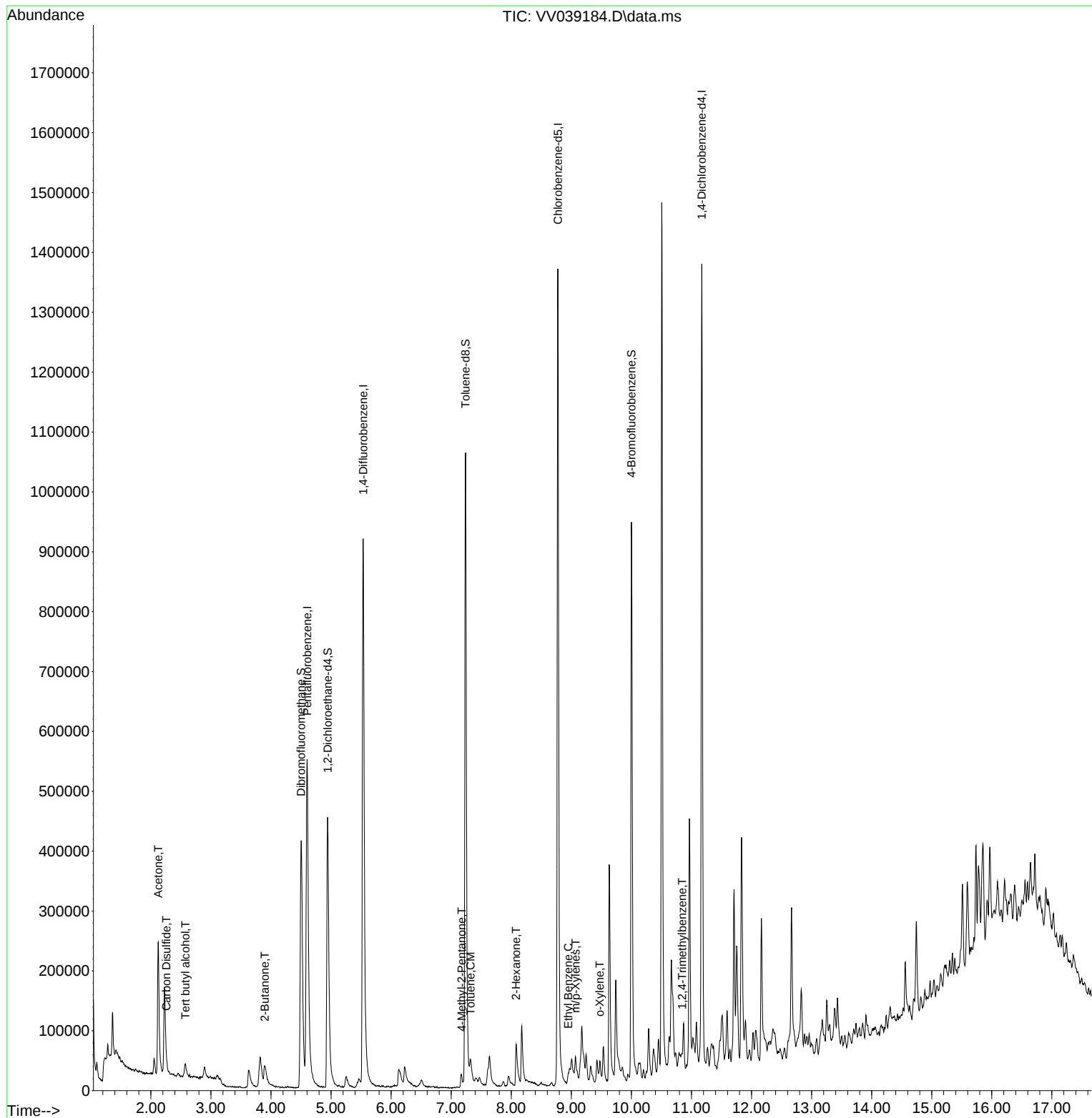
Internal Standards						
1) Pentafluorobenzene	4.603	168	467969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	914235	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	773522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	342551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	402352	59.406	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 118.820%#			
35) Dibromofluoromethane	4.503	113	356559	48.513	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.020%			
50) Toluene-d8	7.239	98	784367	36.337	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 72.680%#			
62) 4-Bromofluorobenzene	10.001	95	319385	35.941	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 71.880%#			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.574	59	25325	17.692	ug/l #	88
16) Acetone	2.124	43	273937	59.060	ug/l	100
17) Carbon Disulfide	2.259	76	6649	0.308	ug/l #	94
25) 2-Butanone	3.896	43	62958	11.608	ug/l	98
51) 4-Methyl-2-Pentanone	7.175	43	17642	1.459	ug/l	99
52) Toluene	7.323	92	16301	0.777	ug/l	96
59) 2-Hexanone	8.082	43	55815	7.989	ug/l	100
67) Ethyl Benzene	8.950	91	12155	0.373	ug/l	91
68) m/p-Xylenes	9.072	106	12445	0.989	ug/l	92
69) o-Xylene	9.474	106	6316	0.567	ug/l	97
84) 1,2,4-Trimethylbenzene	10.847	105	13340	0.665	ug/l	99

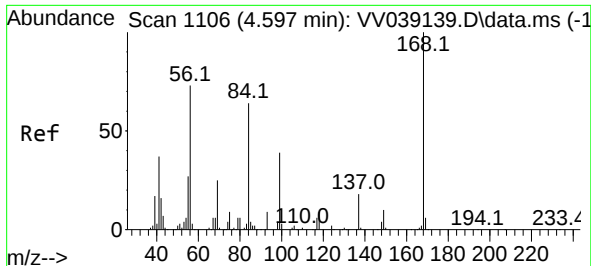
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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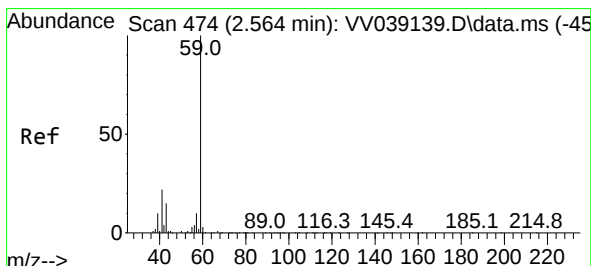
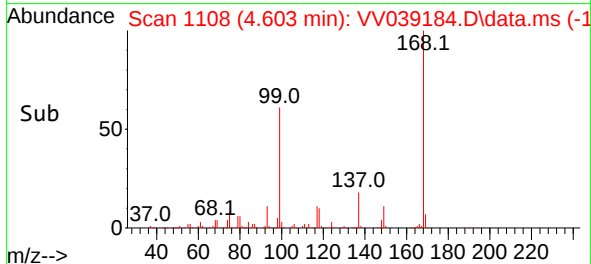
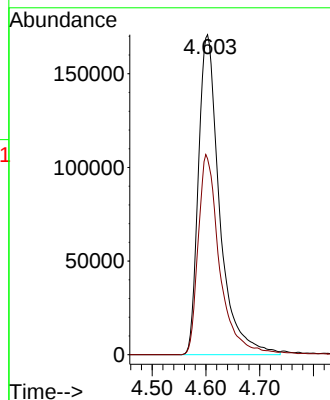
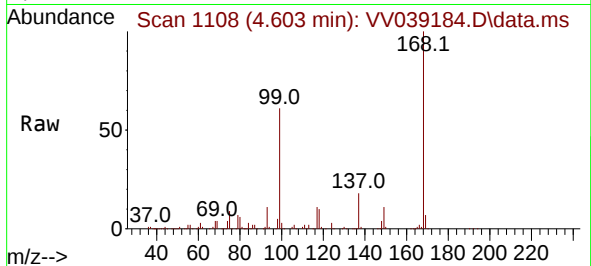




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

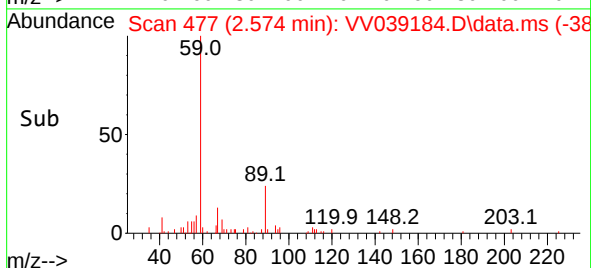
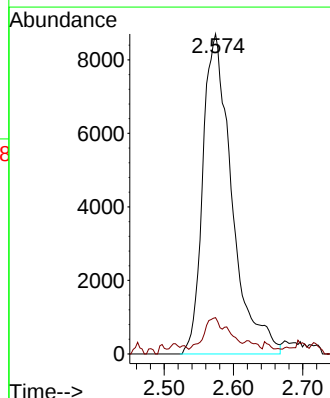
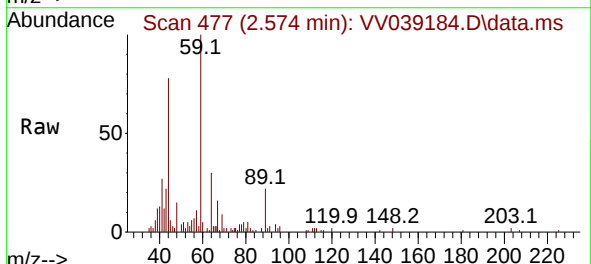
Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

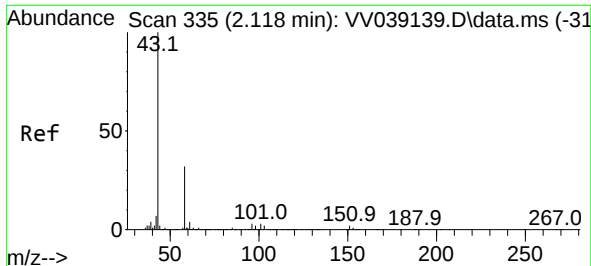
Tgt Ion:168 Resp: 467969
Ion Ratio Lower Upper
168 100
99 61.2 49.6 74.4



#11
Tert butyl alcohol
Concen: 17.692 ug/l
RT: 2.574 min Scan# 477
Delta R.T. 0.010 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 59 Resp: 25325
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#

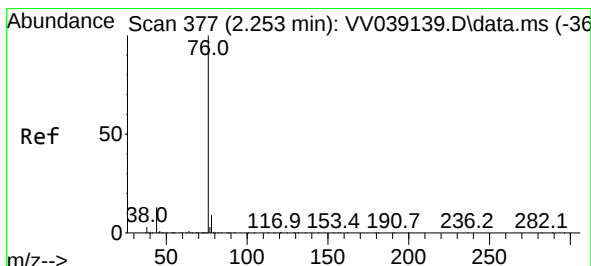
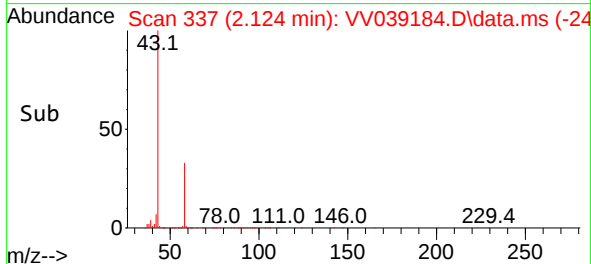
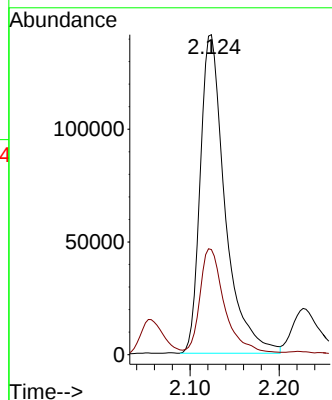
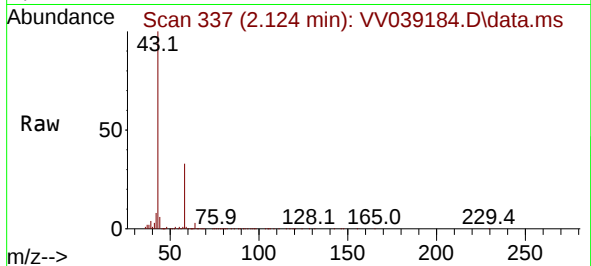




#16
Acetone
Concen: 59.060 ug/l
RT: 2.124 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

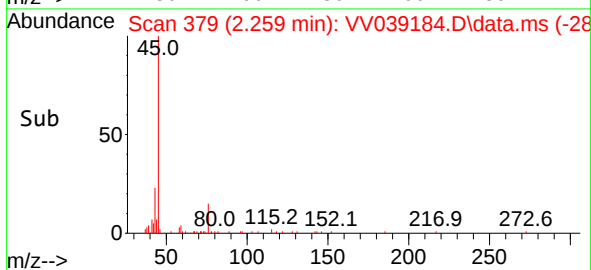
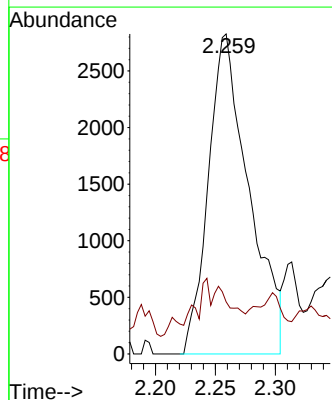
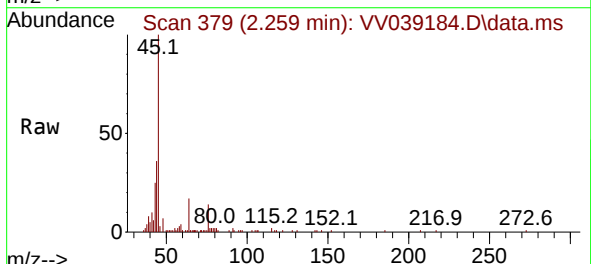
Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

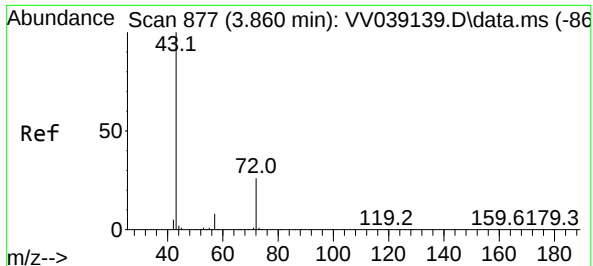
Tgt Ion: 43 Resp: 273937
Ion Ratio Lower Upper
43 100
58 32.2 25.8 38.6



#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 2.259 min Scan# 379
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 76 Resp: 6649
Ion Ratio Lower Upper
76 100
78 6.9 7.4 11.0#





#25

2-Butanone

Concen: 11.608 ug/l

RT: 3.896 min Scan# 81

Delta R.T. 0.035 min

Lab File: VV039184.D

Acq: 25 Sep 2025 16:18

Instrument :

MSVOA_V

ClientSampleId :

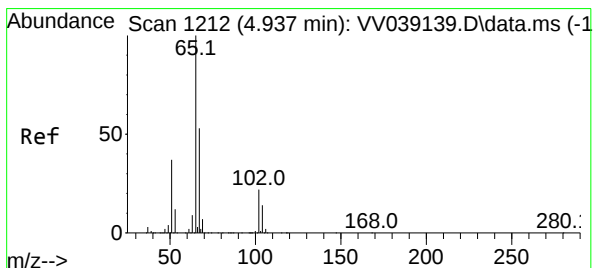
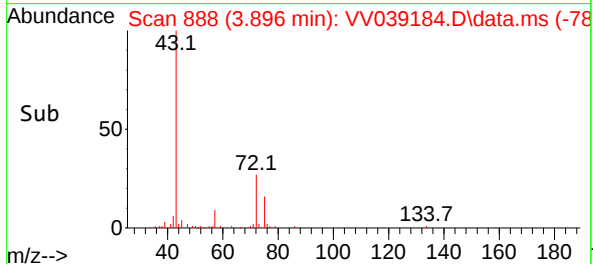
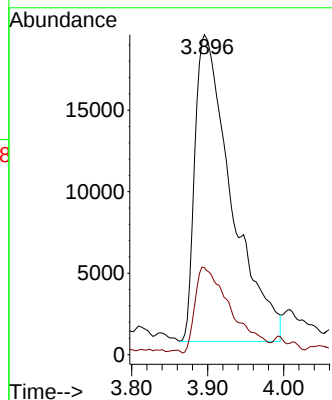
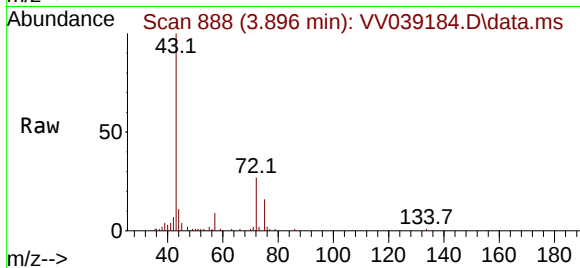
TOTES COMP#2RE

Tgt Ion: 43 Resp: 62958

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 59.406 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039184.D

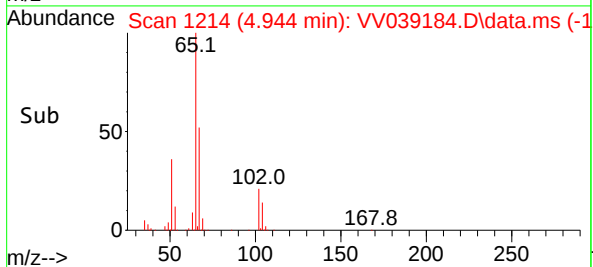
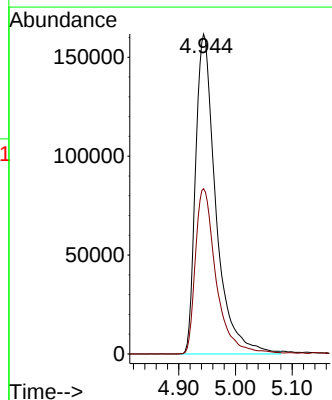
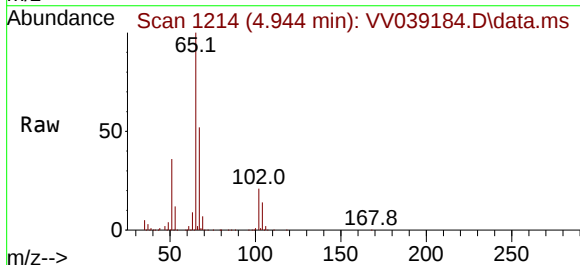
Acq: 25 Sep 2025 16:18

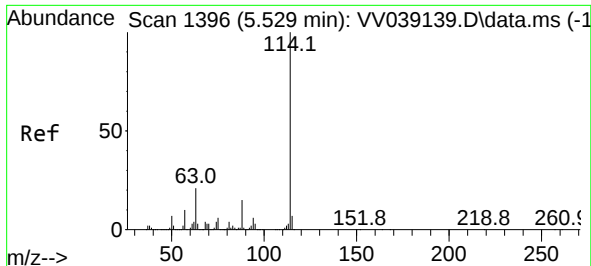
Tgt Ion: 65 Resp: 402352

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039184.D

Acq: 25 Sep 2025 16:18

Instrument :

MSVOA_V

ClientSampleId :

TOTES COMP#2RE

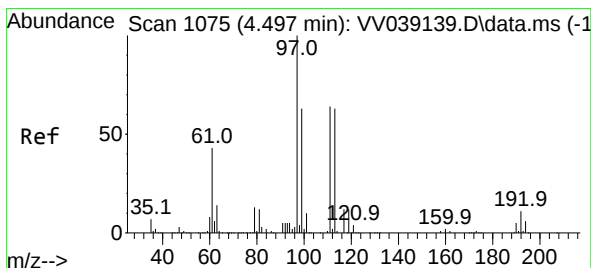
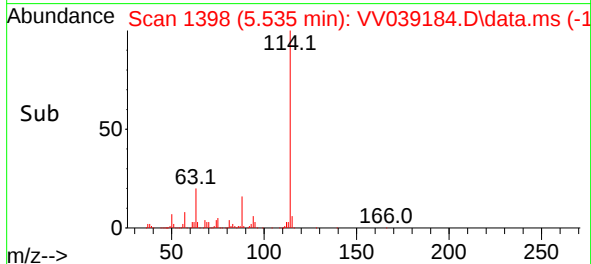
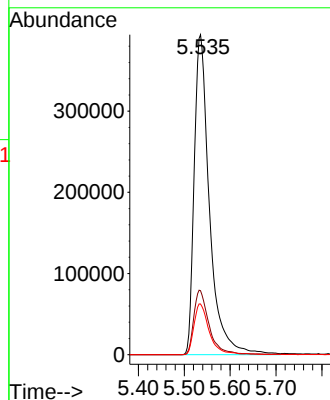
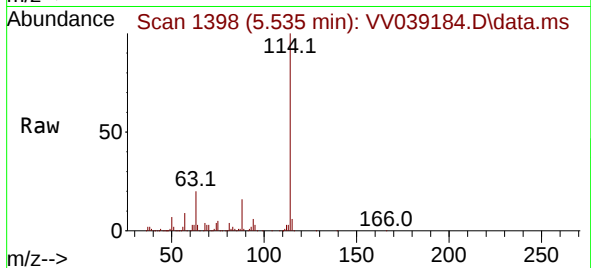
Tgt Ion:114 Resp: 914235

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 48.513 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039184.D

Acq: 25 Sep 2025 16:18

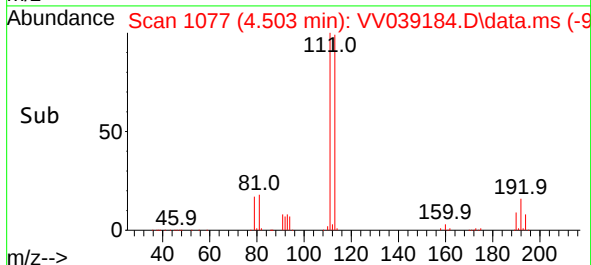
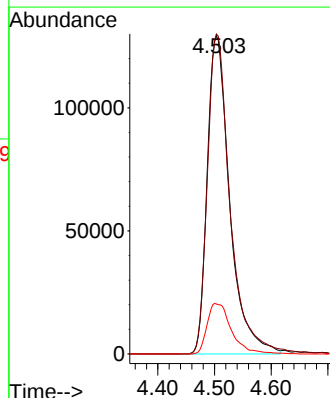
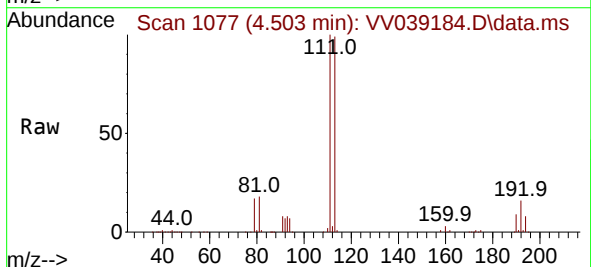
Tgt Ion:113 Resp: 356559

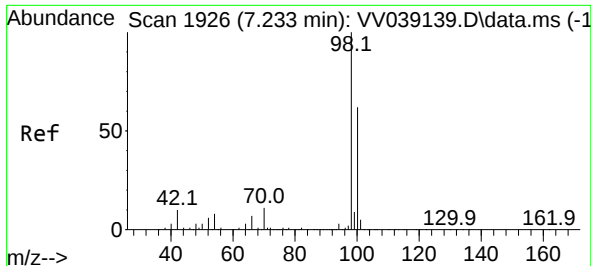
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.2 13.8 20.8

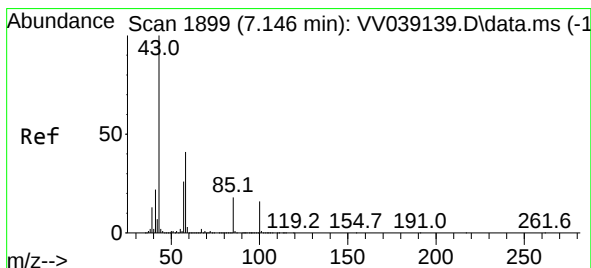
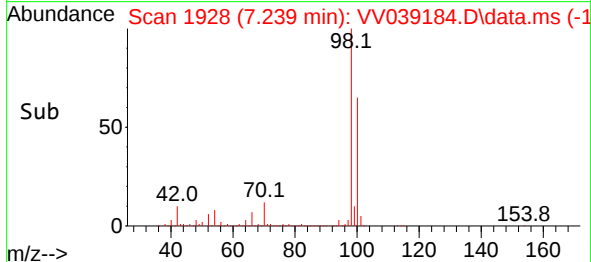
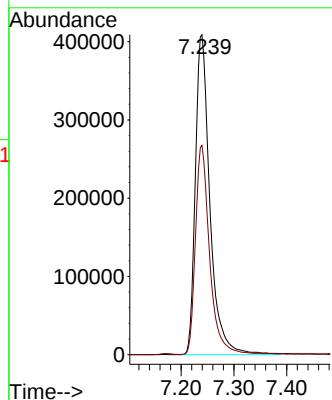
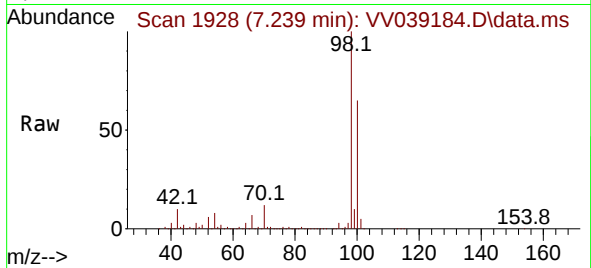




#50
Toluene-d8
Concen: 36.337 ug/l
RT: 7.239 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

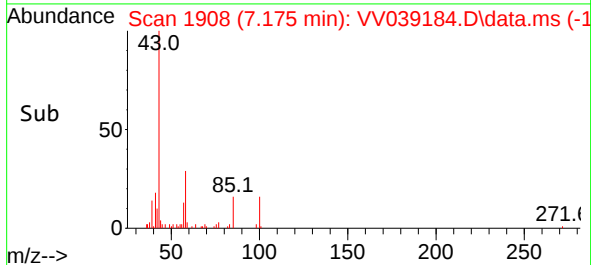
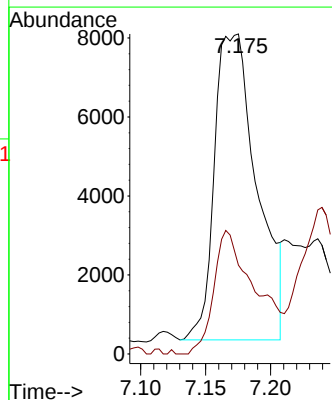
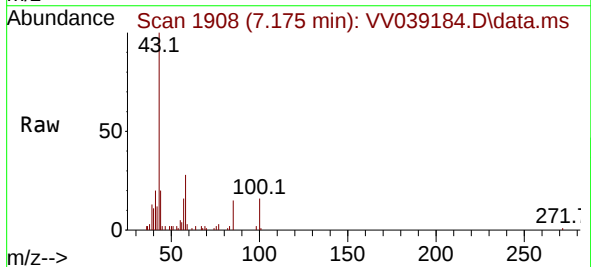
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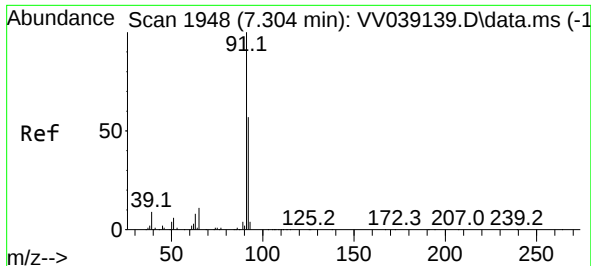
Tgt Ion: 98 Resp: 784367
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.459 ug/l
RT: 7.175 min Scan# 1908
Delta R.T. 0.029 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 43 Resp: 17642
Ion Ratio Lower Upper
43 100
58 40.0 32.3 48.5

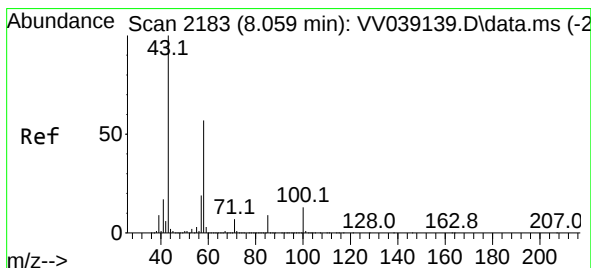
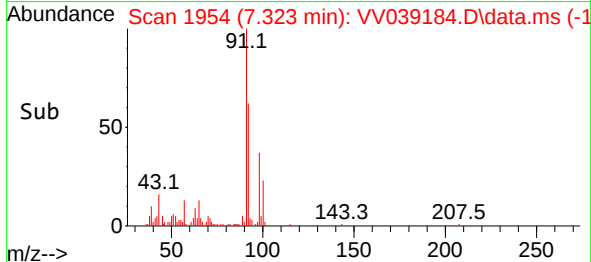
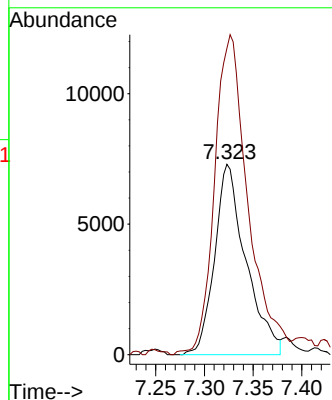
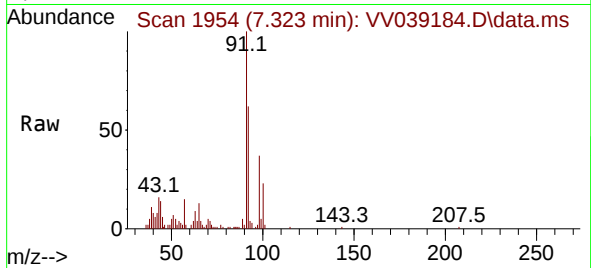




#52
Toluene
Concen: 0.777 ug/l
RT: 7.323 min Scan# 1948
Delta R.T. 0.019 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

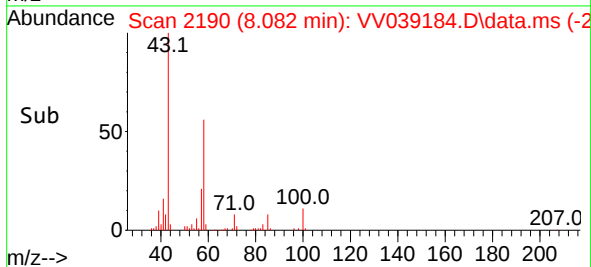
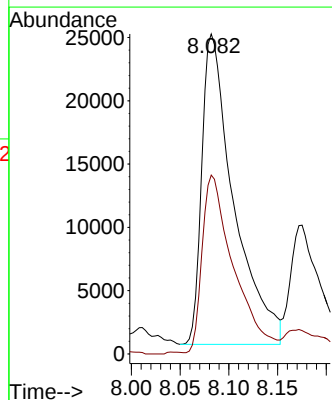
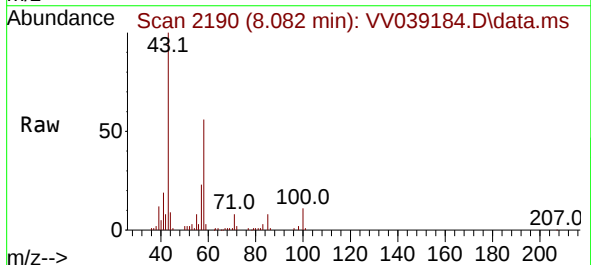
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TOTES COMP#2RE

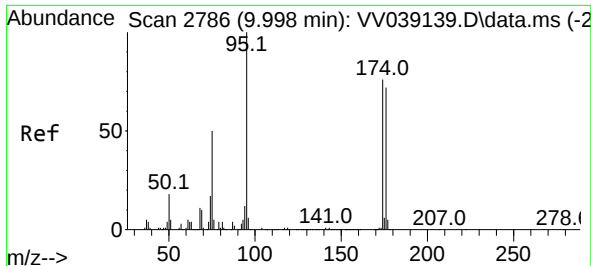
Tgt Ion: 92 Resp: 16301
Ion Ratio Lower Upper
92 100
91 179.4 139.2 208.8



#59
2-Hexanone
Concen: 7.989 ug/l
RT: 8.082 min Scan# 2190
Delta R.T. 0.023 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 43 Resp: 55815
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0

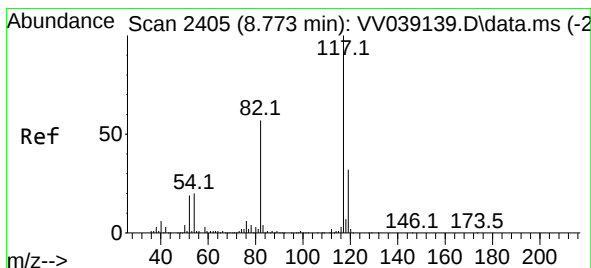
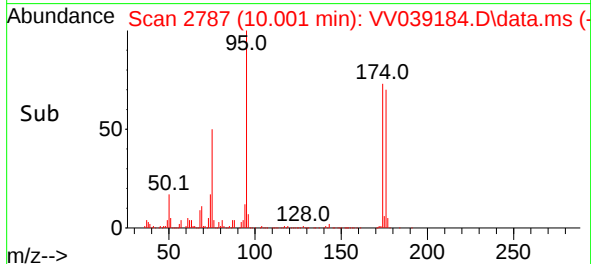
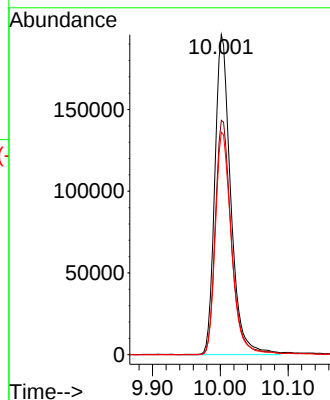
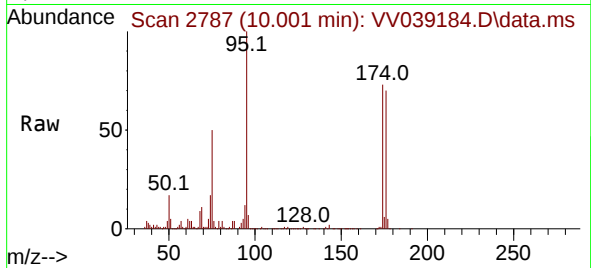




#62
4-Bromofluorobenzene
Concen: 35.941 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

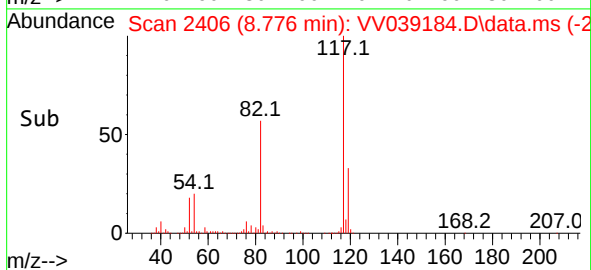
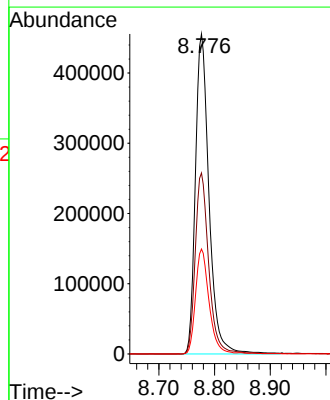
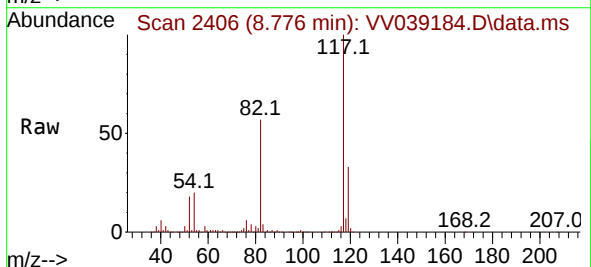
Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

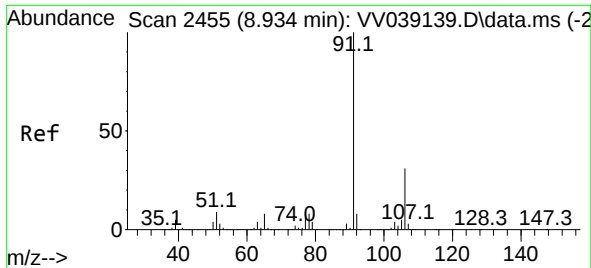
Tgt Ion: 95 Resp: 319385
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.4
176 70.3 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion:117 Resp: 773522
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 32.8 25.6 38.4





#67

Ethyl Benzene

Concen: 0.373 ug/l

RT: 8.950 min Scan# 2455

Delta R.T. 0.016 min

Lab File: VV039184.D

Acq: 25 Sep 2025 16:18

Instrument :

MSVOA_V

ClientSampleId :

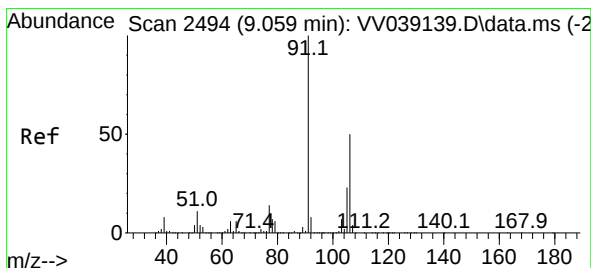
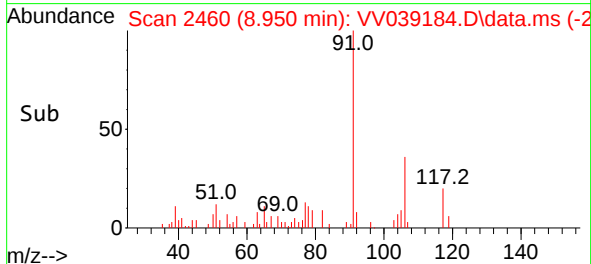
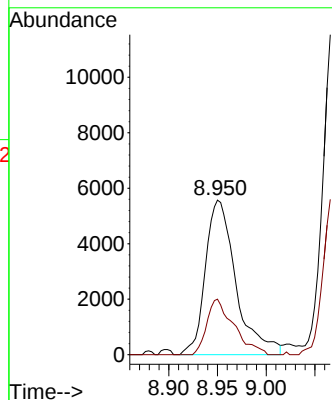
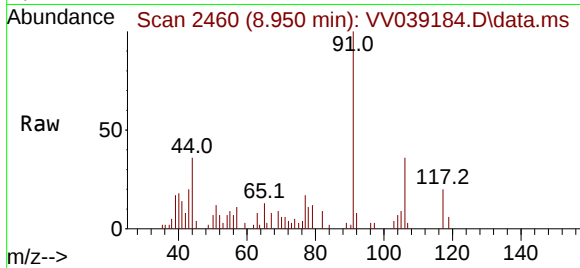
TOTES COMP#2RE

Tgt Ion: 91 Resp: 12155

Ion Ratio Lower Upper

91 100

106 35.9 24.6 37.0



#68

m/p-Xylenes

Concen: 0.989 ug/l

RT: 9.072 min Scan# 2498

Delta R.T. 0.013 min

Lab File: VV039184.D

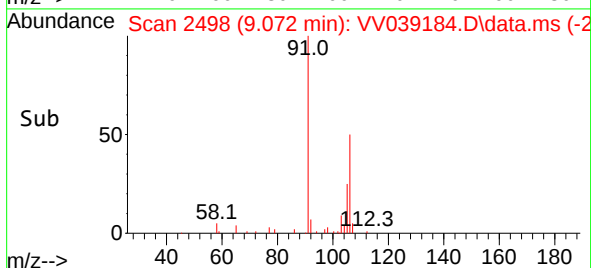
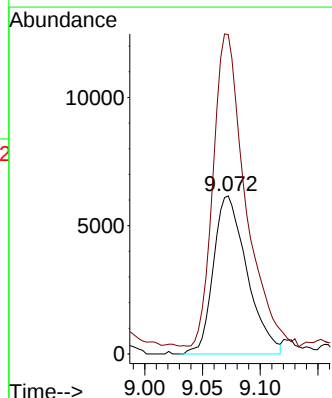
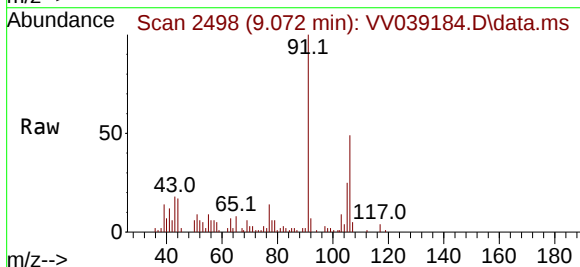
Acq: 25 Sep 2025 16:18

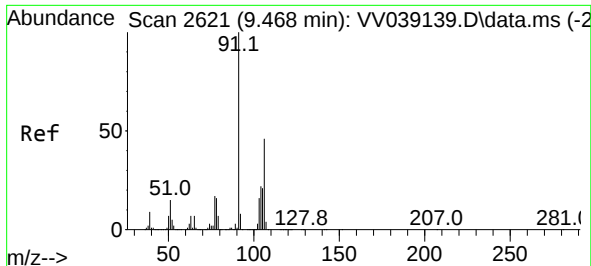
Tgt Ion: 106 Resp: 12445

Ion Ratio Lower Upper

106 100

91 190.2 162.5 243.7

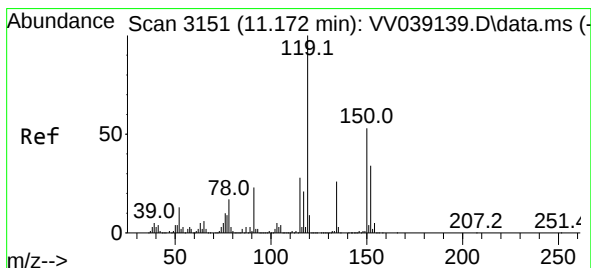
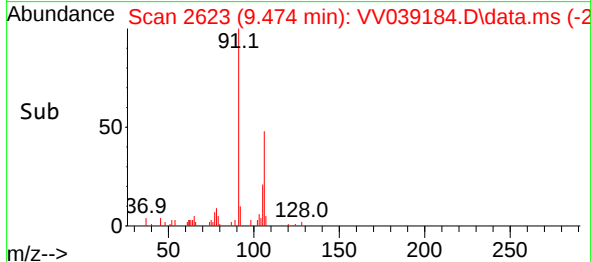
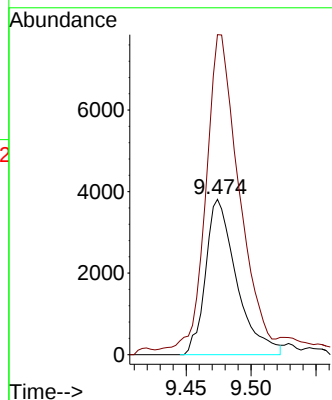
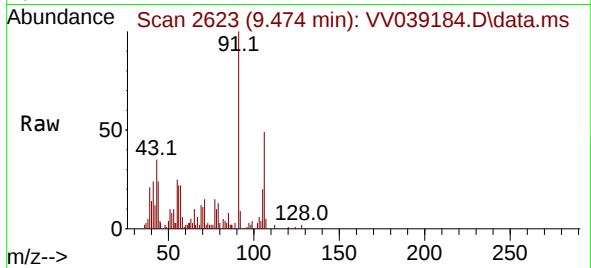




#69
o-Xylene
Concen: 0.567 ug/l
RT: 9.474 min Scan# 2621
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

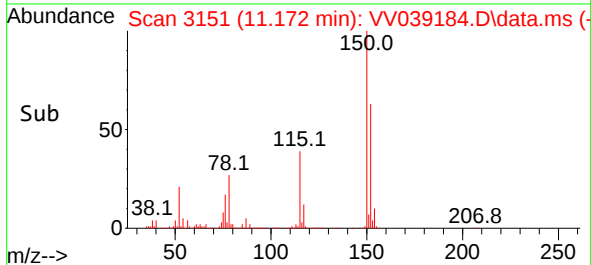
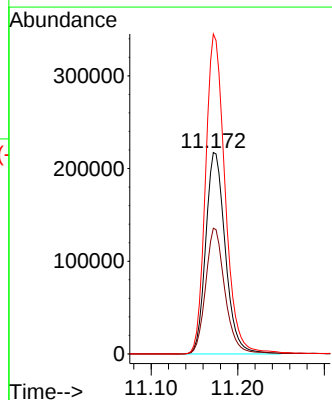
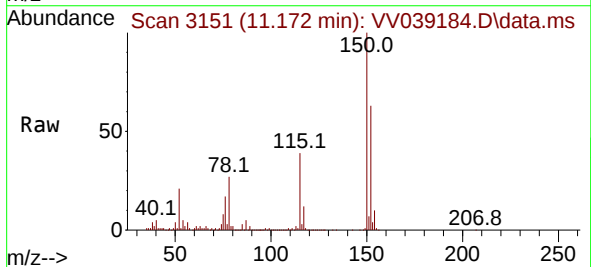
Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

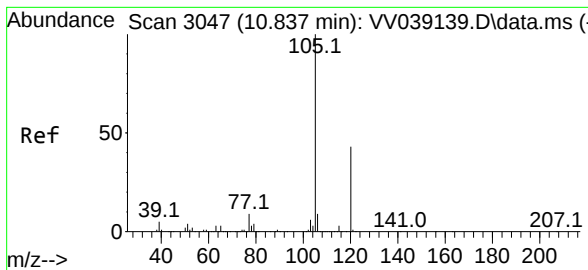
Tgt Ion:106 Resp: 6316
Ion Ratio Lower Upper
106 100
91 213.5 109.1 327.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

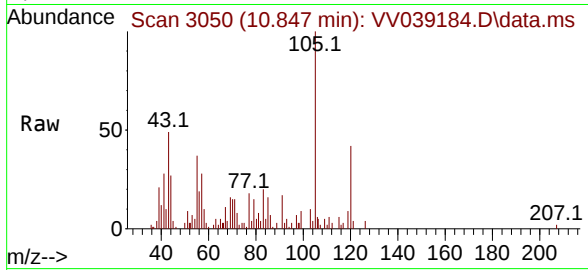
Tgt Ion:152 Resp: 342551
Ion Ratio Lower Upper
152 100
115 61.6 44.8 134.4
150 158.8 0.0 353.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.665 ug/l
 RT: 10.847 min Scan# 3047
 Delta R.T. 0.010 min
 Lab File: VV039184.D
 Acq: 25 Sep 2025 16:18

Instrument :
 MSVOA_V
 ClientSampleId :
 TOTES COMP#2RE



Tgt Ion:105 Resp: 13340
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.2

