

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039194.D
 Acq On : 25 Sep 2025 20:02
 Operator : SY/MD
 Sample : Q3195-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-23-092325

Quant Time: Sep 26 01:38:45 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

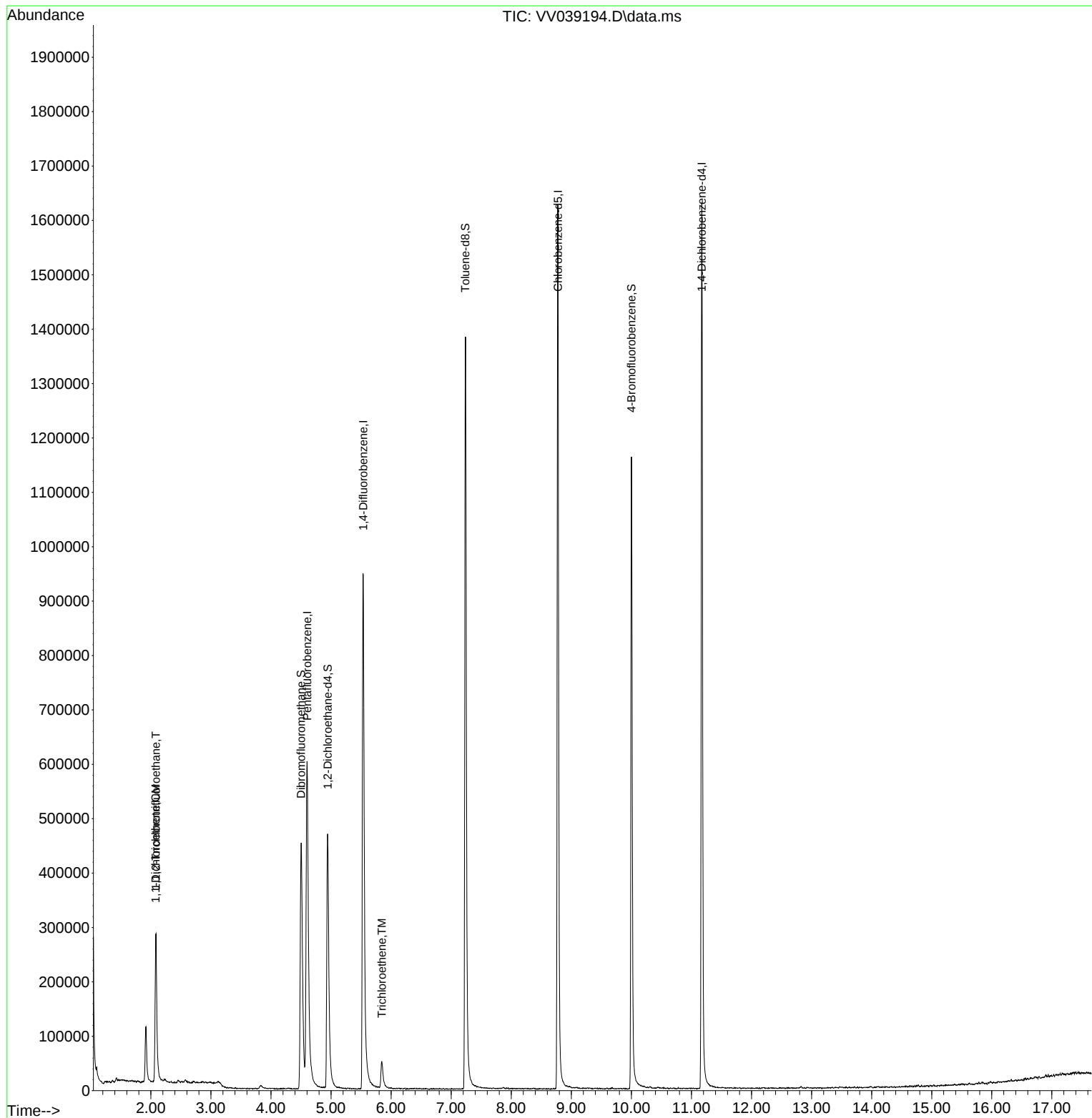
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

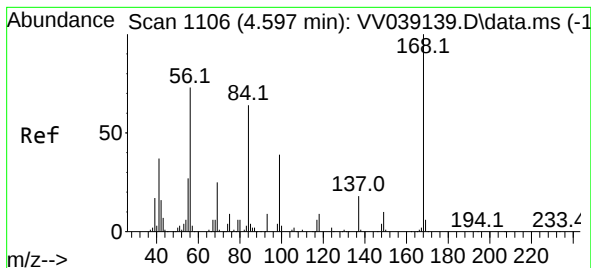
Internal Standards						
1) Pentafluorobenzene	4.603	168	518728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	934521	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	917520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	439919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	416831	55.522	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	111.040%
35) Dibromofluoromethane	4.503	113	376755	50.148	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.300%
50) Toluene-d8	7.236	98	1025800	46.490	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.980%
62) 4-Bromofluorobenzene	10.001	95	396383	43.637	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.280%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.082	101	116384	14.316	ug/l	98
12) 1,1-Dichloroethene	2.079	96	4959	0.634	ug/l #	80
44) Trichloroethene	5.847	130	22478	2.634	ug/l	97

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

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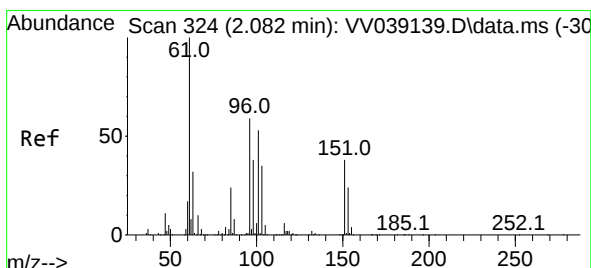
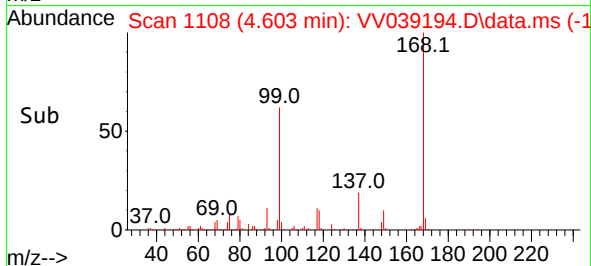
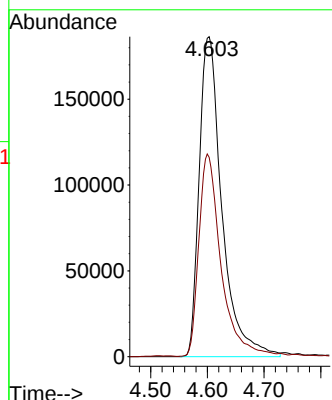
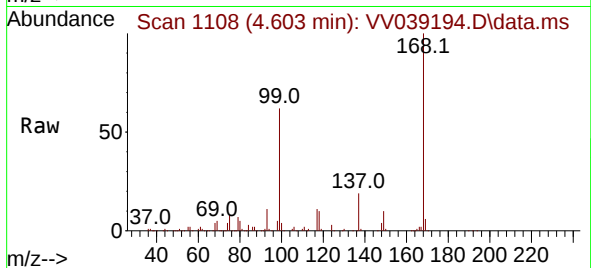




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV039194.D
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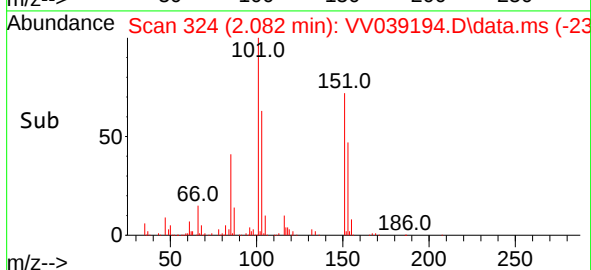
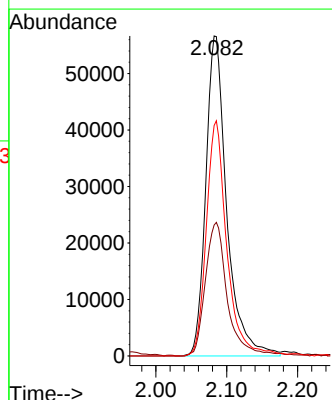
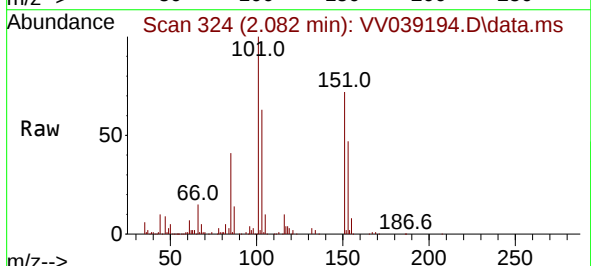
Instrument :
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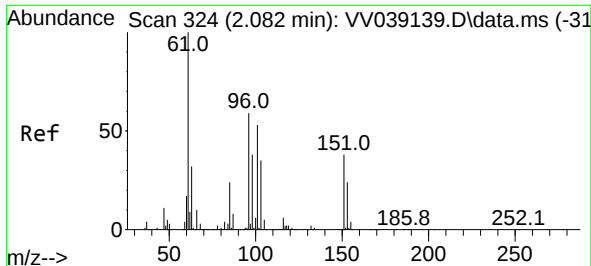
Tgt Ion:168 Resp: 518728
Ion Ratio Lower Upper
168 100
99 62.2 49.6 74.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.316 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039194.D
Acq: 25 Sep 2025 20:02

Tgt Ion:101 Resp: 116384
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.2
151 72.0 56.3 84.5

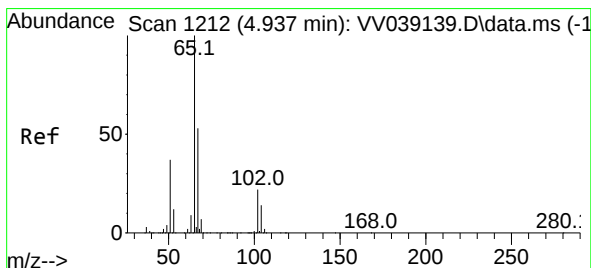
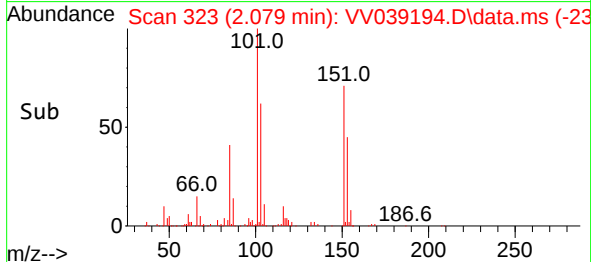
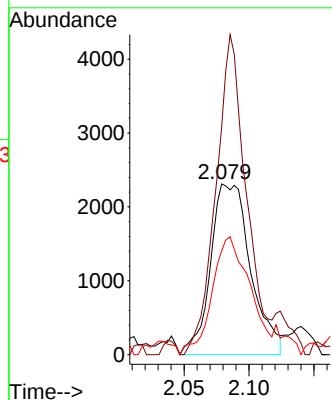
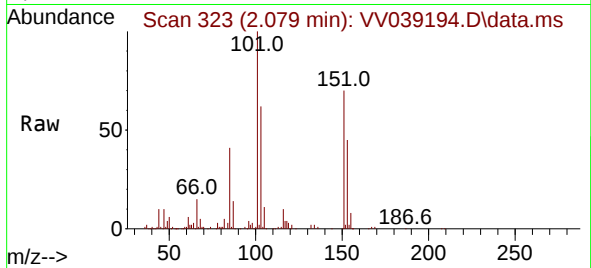




#12
 1,1-Dichloroethene
 Concen: 0.634 ug/l
 RT: 2.079 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV039194.D
 Acq: 25 Sep 2025 20:02

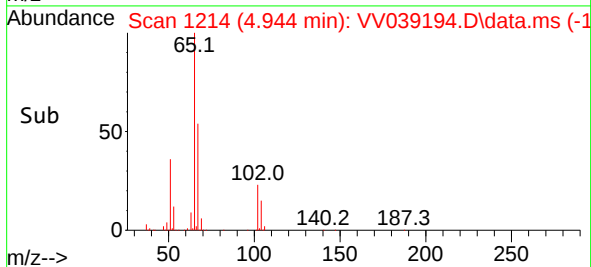
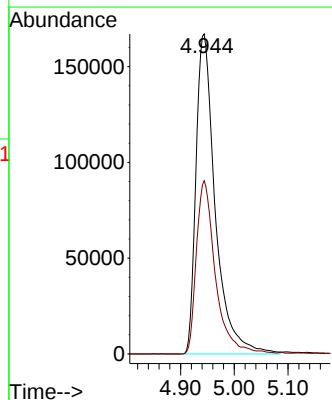
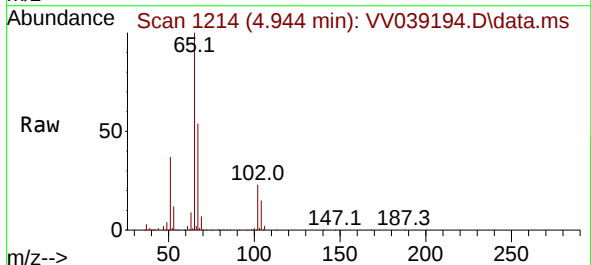
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-23-092325

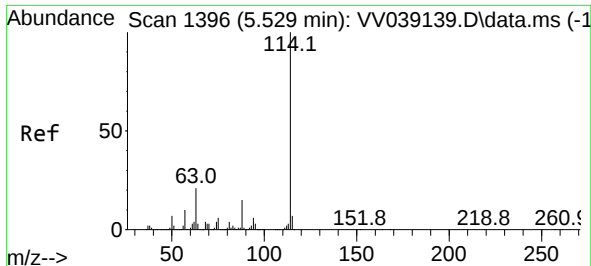
Tgt Ion: 96 Resp: 4959
 Ion Ratio Lower Upper
 96 100
 61 133.4 136.0 204.0#
 98 60.7 51.0 76.6



#33
 1,2-Dichloroethane-d4
 Concen: 55.522 ug/l
 RT: 4.944 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VV039194.D
 Acq: 25 Sep 2025 20:02

Tgt Ion: 65 Resp: 416831
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.0

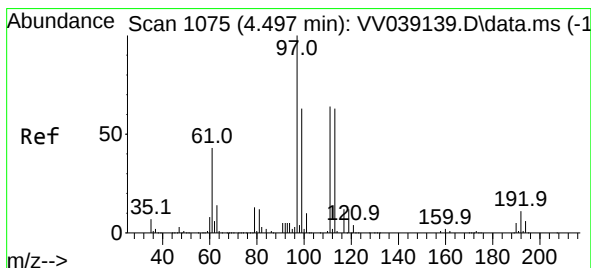
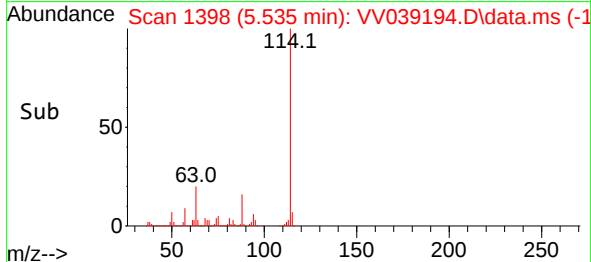
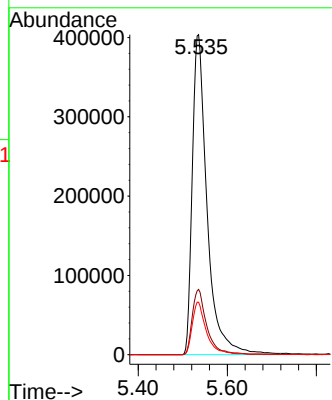
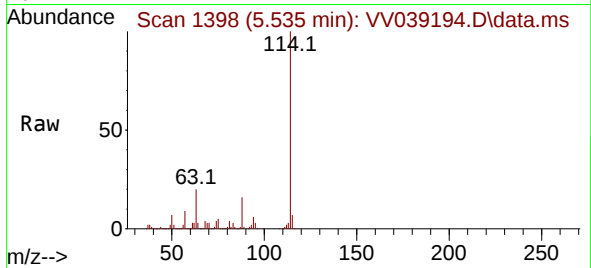




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039194.D
Acq: 25 Sep 2025 20:02

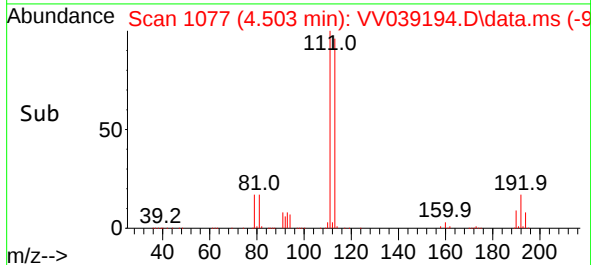
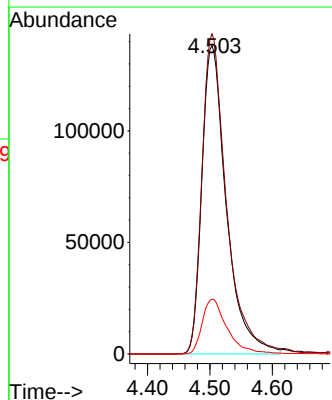
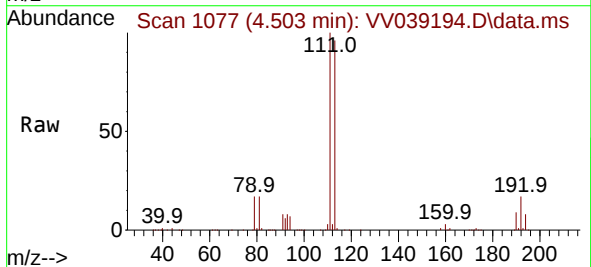
Instrument :
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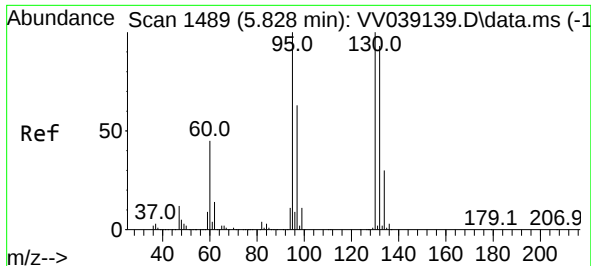
Tgt Ion:	114	Resp:	934521
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.4	0.0	30.8



#35
Dibromofluoromethane
Concen: 50.148 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039194.D
Acq: 25 Sep 2025 20:02

Tgt Ion:	113	Resp:	376755
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.4	123.6
192	18.2	13.8	20.8

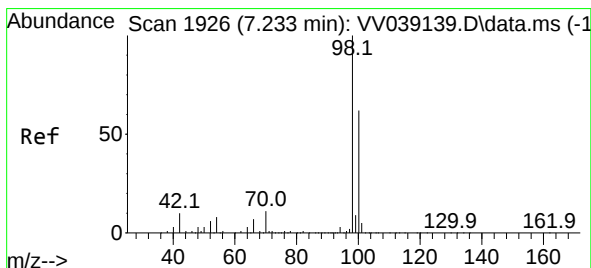
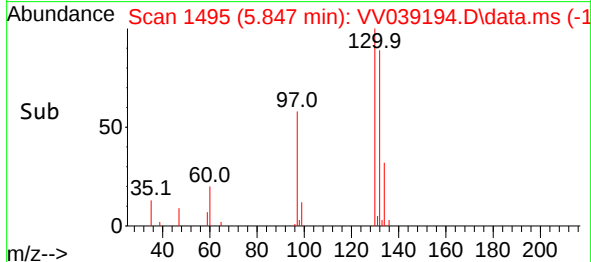
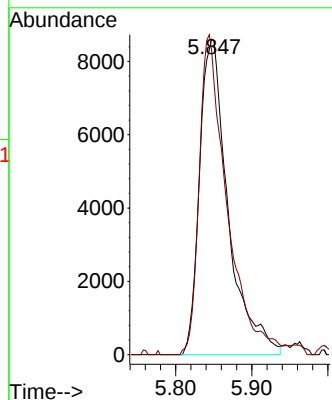
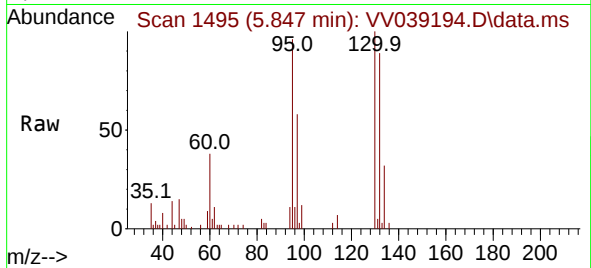




#44
 Trichloroethene
 Concen: 2.634 ug/l
 RT: 5.847 min Scan# 1489
 Delta R.T. 0.019 min
 Lab File: VV039194.D
 Acq: 25 Sep 2025 20:02

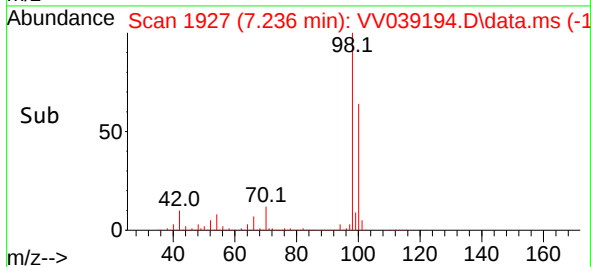
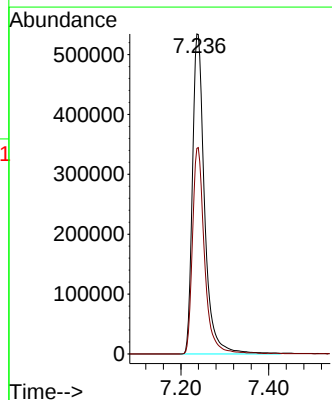
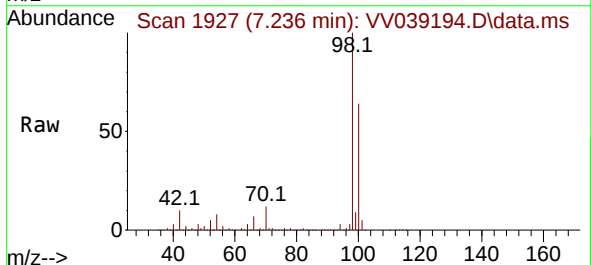
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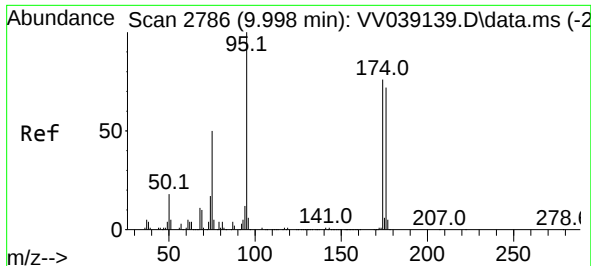
Tgt Ion:130 Resp: 22478
 Ion Ratio Lower Upper
 130 100
 95 96.2 0.0 199.2



#50
 Toluene-d8
 Concen: 46.490 ug/l
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.003 min
 Lab File: VV039194.D
 Acq: 25 Sep 2025 20:02

Tgt Ion: 98 Resp: 1025800
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.2 78.2

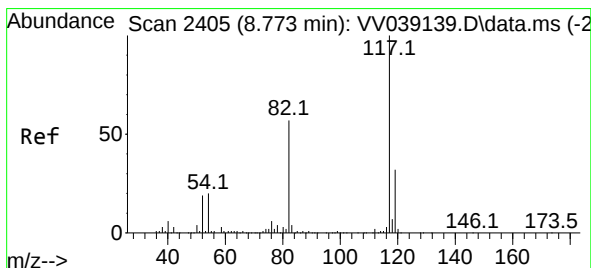
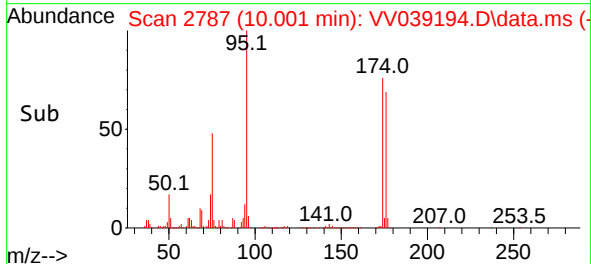
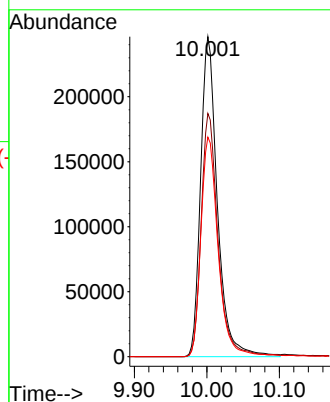
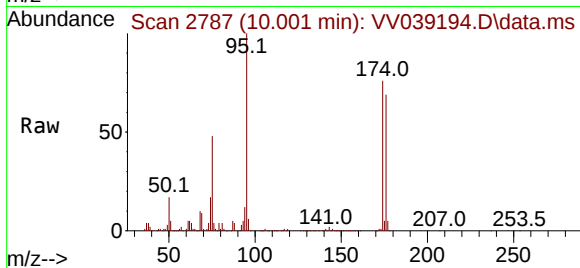




#62
4-Bromofluorobenzene
Concen: 43.637 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039194.D
Acq: 25 Sep 2025 20:02

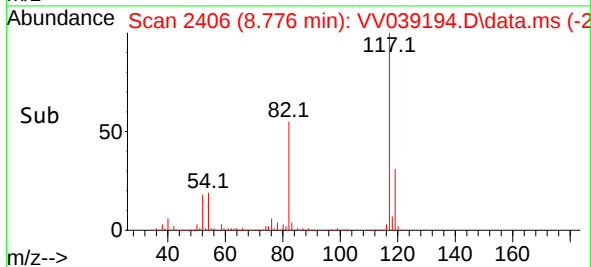
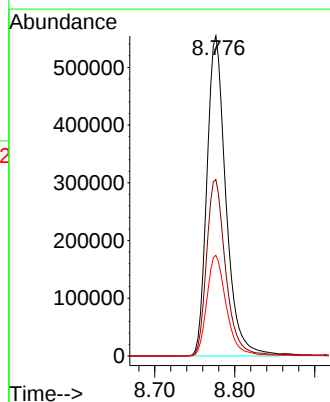
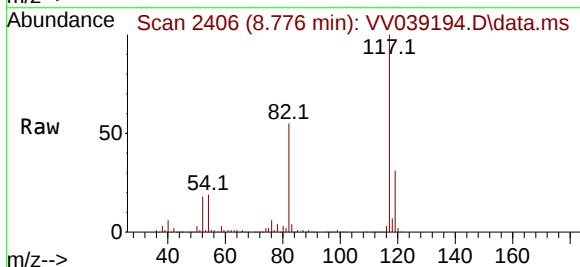
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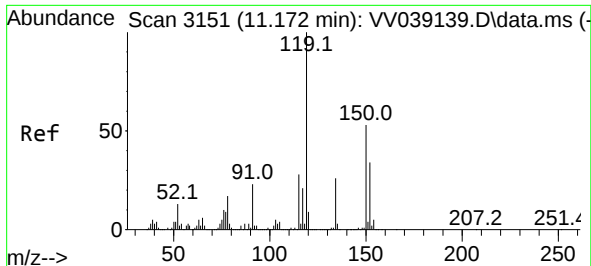
Tgt Ion: 95 Resp: 396383
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.4
176 70.8 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039194.D
Acq: 25 Sep 2025 20:02

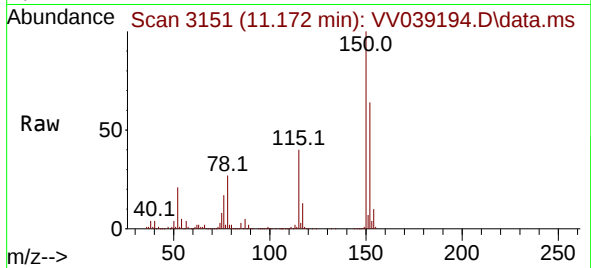
Tgt Ion: 117 Resp: 917520
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV039194.D
 Acq: 25 Sep 2025 20:02

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Tgt Ion:	152	Resp:	439919
Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.8	134.4
150	158.3	0.0	353.8

