

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039182.D
 Acq On : 25 Sep 2025 15:33
 Operator : SY/MD
 Sample : Q3172-01DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 FW7DDL

Quant Time: Sep 26 01:30:43 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)

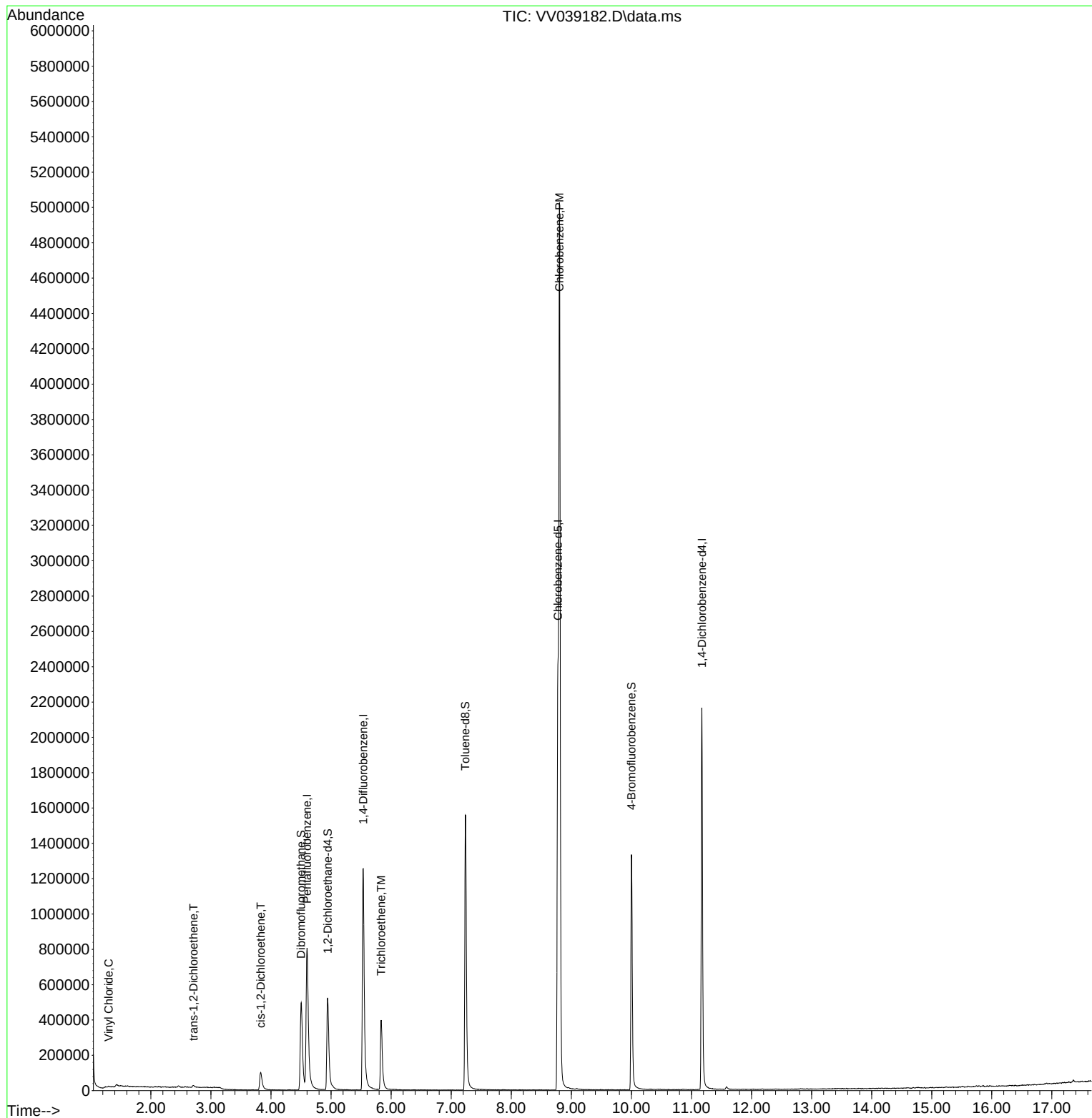
Internal Standards						
1) Pentafluorobenzene	4.600	168	686688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1217519	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1189450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	556145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	468975	47.188	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.380%
35) Dibromofluoromethane	4.503	113	418030	42.709	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	85.420%
50) Toluene-d8	7.236	98	1147282	39.909	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	79.820%#
62) 4-Bromofluorobenzene	10.001	95	465413	39.327	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	78.660%#
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.297	62	3724	0.298	ug/l	89
21) trans-1,2-Dichloroethene	2.712	96	4306	0.391	ug/l	85
27) cis-1,2-Dichloroethene	3.828	96	66779	5.493	ug/l	89
44) Trichloroethene	5.834	130	163013	14.660	ug/l	93
65) Chlorobenzene	8.802	112	2711601	81.844	ug/l	98

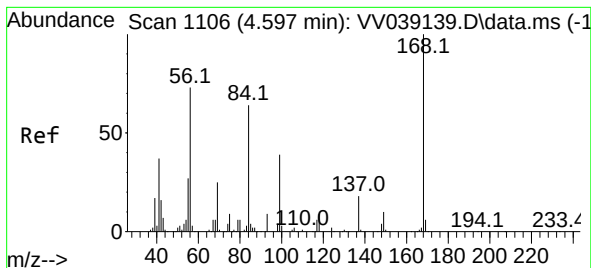
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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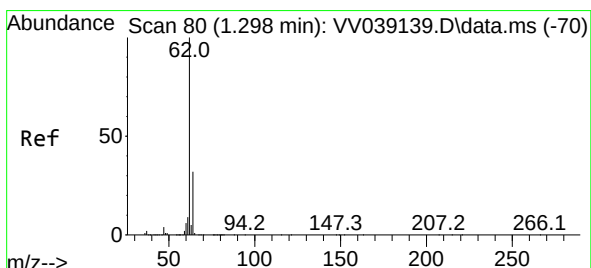
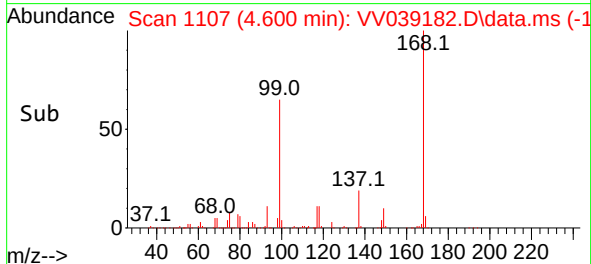
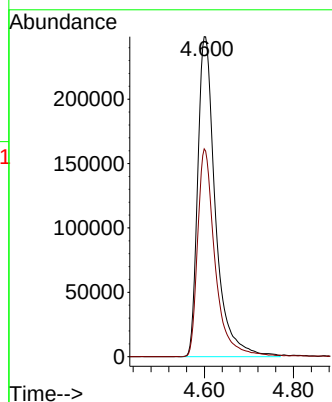
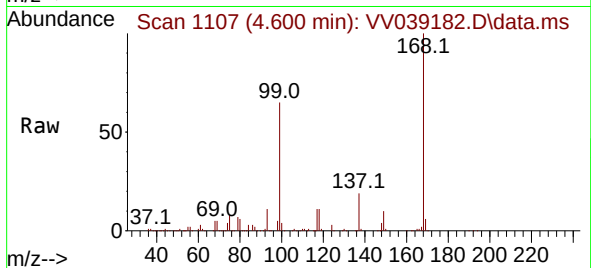




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

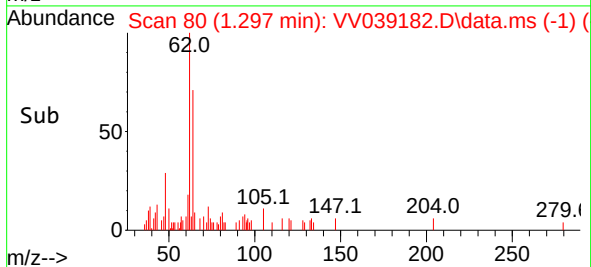
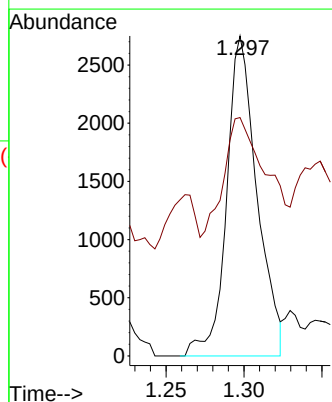
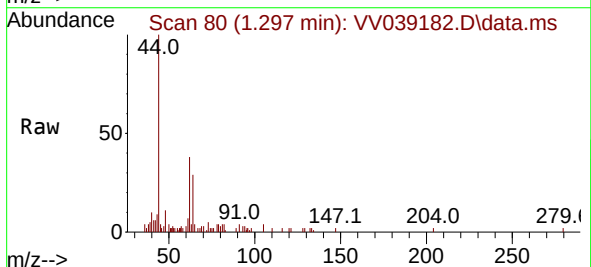
Instrument :
MSVOA_V
ClientSampleId :
FW7DDL

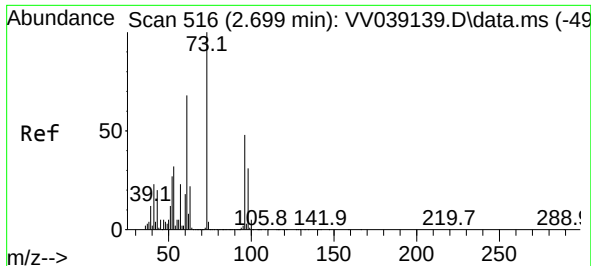
Tgt Ion:168 Resp: 686688
Ion Ratio Lower Upper
168 100
99 64.9 49.6 74.4



#4
Vinyl Chloride
Concen: 0.298 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 62 Resp: 3724
Ion Ratio Lower Upper
62 100
64 25.8 25.6 38.4

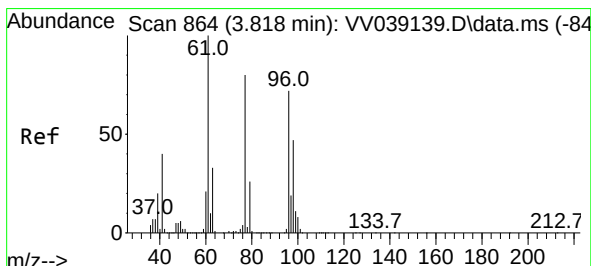
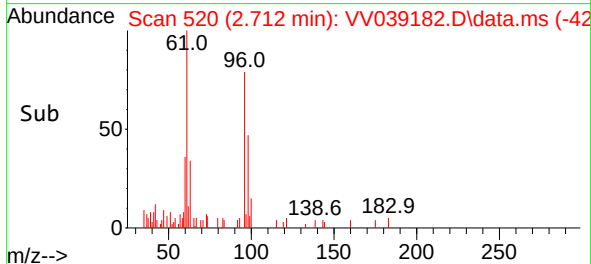
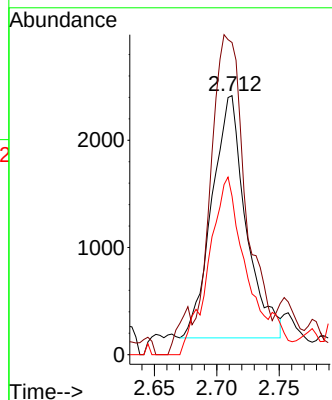
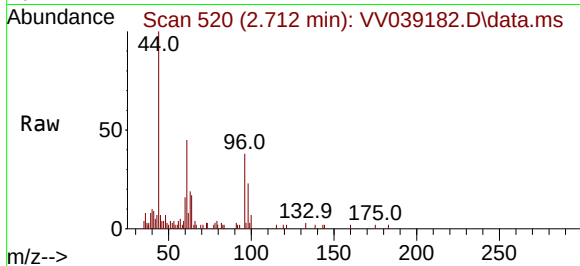




#21
trans-1,2-Dichloroethene
Concen: 0.391 ug/l
RT: 2.712 min Scan# 516
Delta R.T. 0.013 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

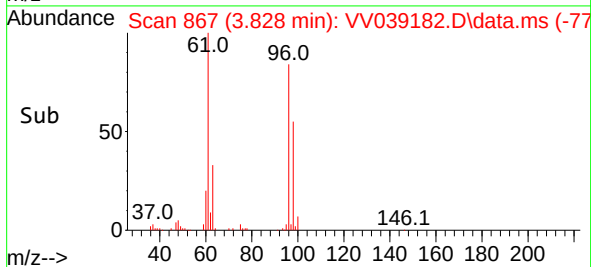
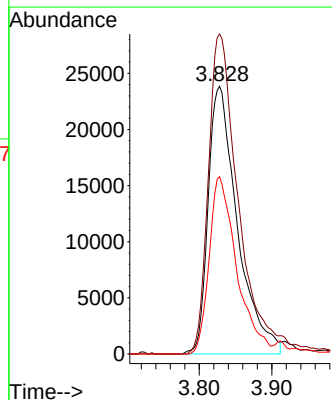
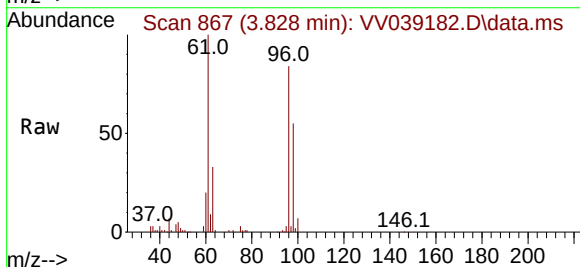
Instrument :
MSVOA_V
ClientSampleId :
FW7DDL

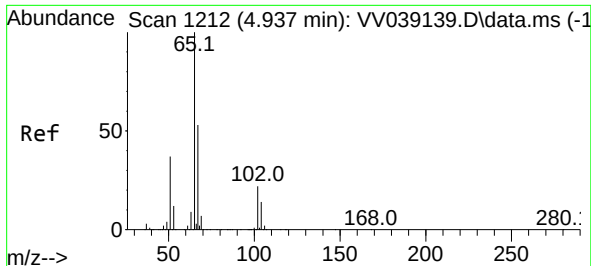
Tgt Ion: 96 Resp: 4306
Ion Ratio Lower Upper
96 100
61 115.9 112.8 169.2
98 65.3 51.1 76.7



#27
cis-1,2-Dichloroethene
Concen: 5.493 ug/l
RT: 3.828 min Scan# 867
Delta R.T. 0.010 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 96 Resp: 66779
Ion Ratio Lower Upper
96 100
61 124.6 0.0 286.4
98 62.3 0.0 126.6





#33

1,2-Dichloroethane-d4

Concen: 47.188 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039182.D

Acq: 25 Sep 2025 15:33

Instrument :

MSVOA_V

ClientSampleId :

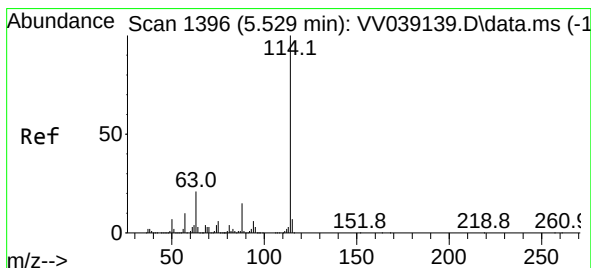
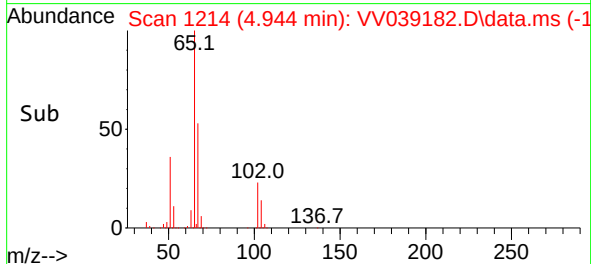
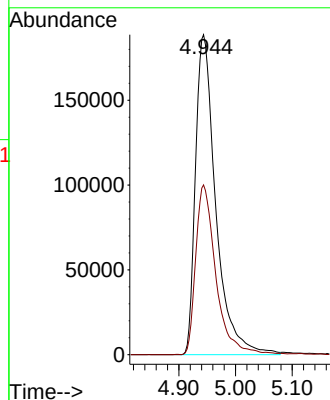
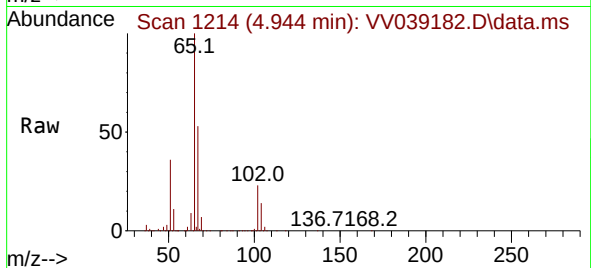
FW7DDL

Tgt Ion: 65 Resp: 468975

Ion Ratio Lower Upper

65 100

67 52.6 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: VV039182.D

Acq: 25 Sep 2025 15:33

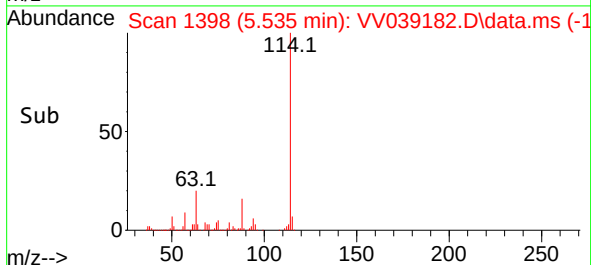
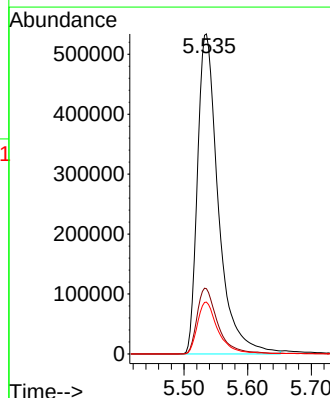
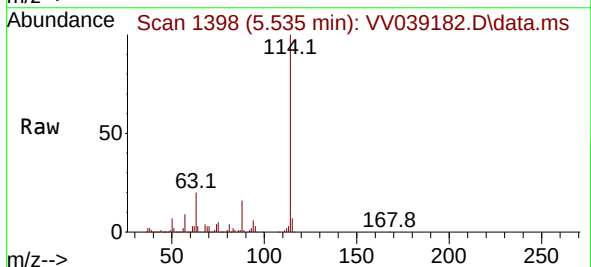
Tgt Ion: 114 Resp: 1217519

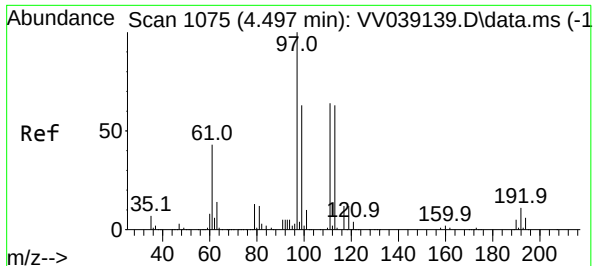
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 16.2 0.0 30.8

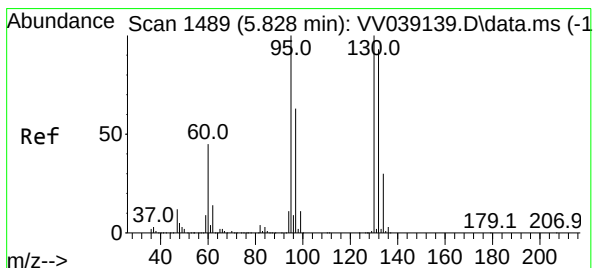
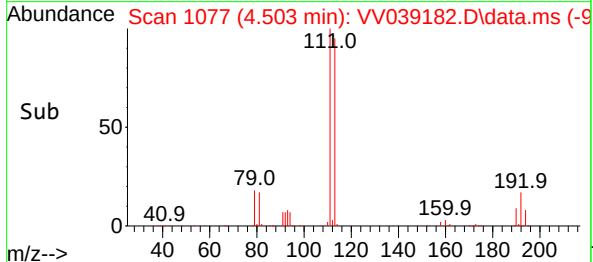
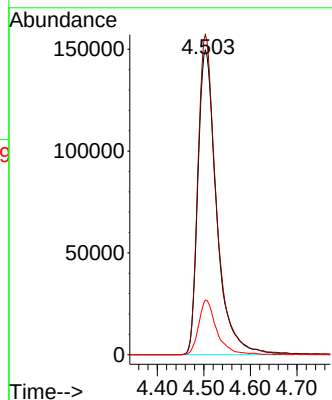
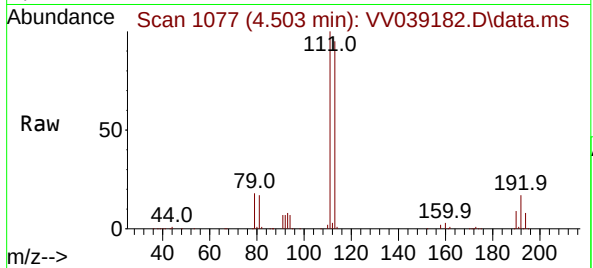




#35
Dibromofluoromethane
Concen: 42.709 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

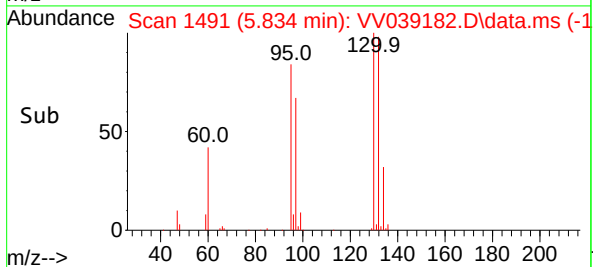
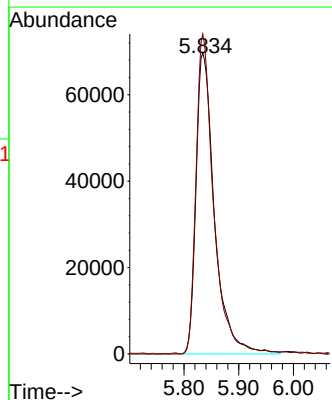
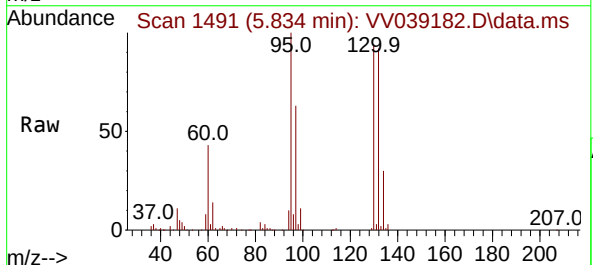
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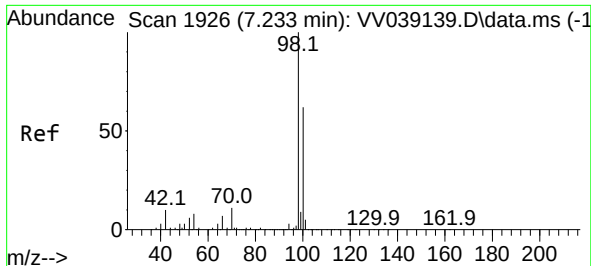
Tgt Ion:113 Resp: 418030
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 17.1 13.8 20.8



#44
Trichloroethene
Concen: 14.660 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion:130 Resp: 163013
Ion Ratio Lower Upper
130 100
95 106.2 0.0 199.2

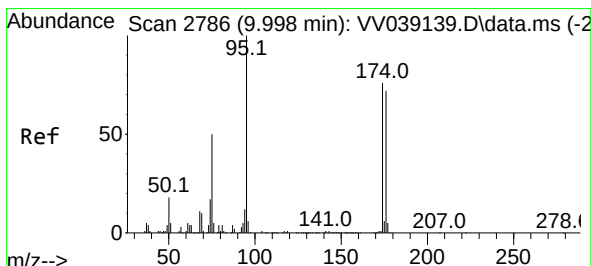
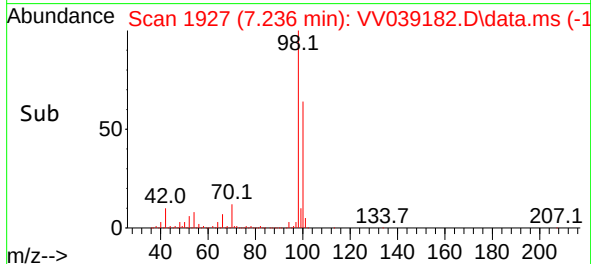
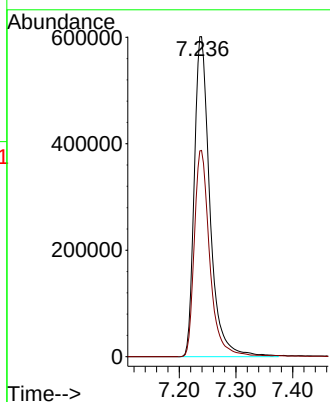
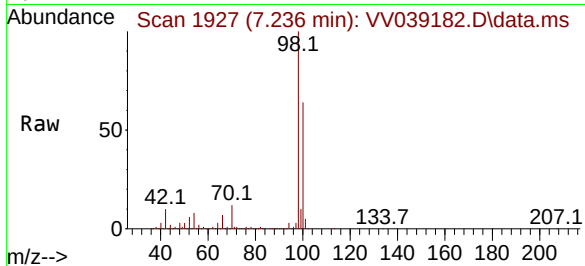




#50
Toluene-d8
Concen: 39.909 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

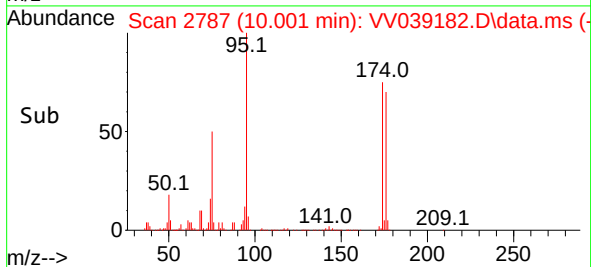
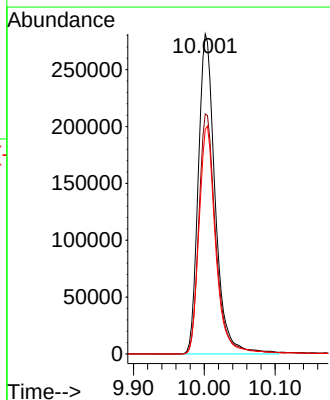
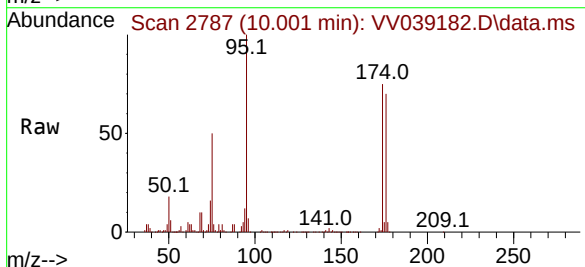
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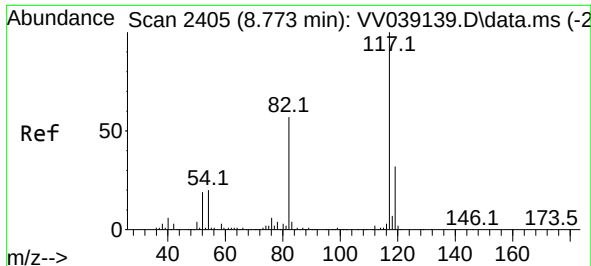
Tgt Ion: 98 Resp: 1147282
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 39.327 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion: 95 Resp: 465413
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.4
176 70.5 0.0 144.2

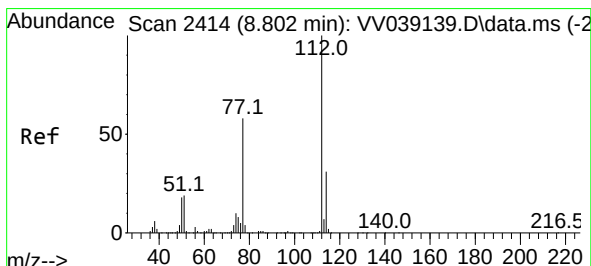
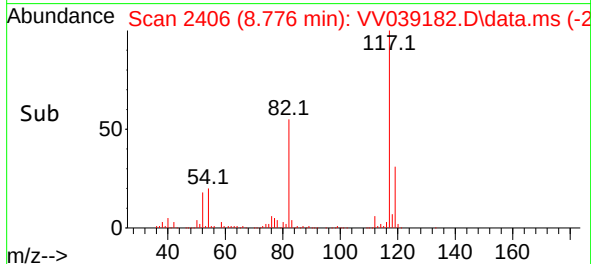
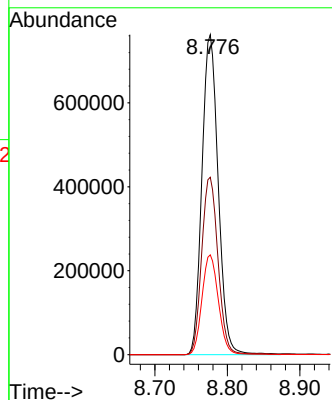
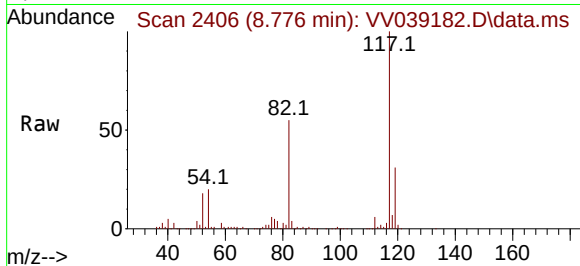




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

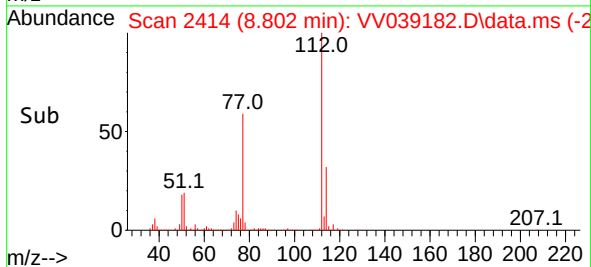
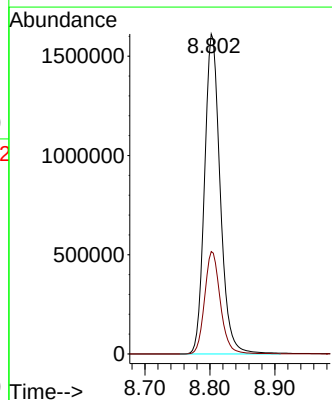
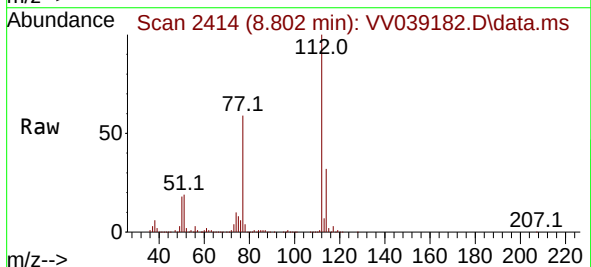
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FW7DDL

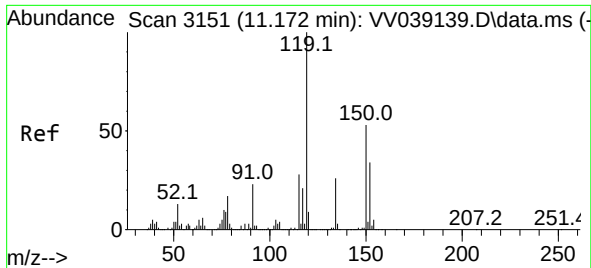
Tgt Ion:117 Resp: 1189450
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.2
119 31.2 25.6 38.4



#65
Chlorobenzene
Concen: 81.844 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039182.D
Acq: 25 Sep 2025 15:33

Tgt Ion:112 Resp: 2711601
Ion Ratio Lower Upper
112 100
114 32.0 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039182.D

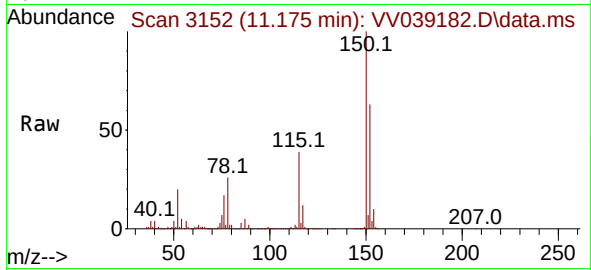
Acq: 25 Sep 2025 15:33

Instrument :

MSVOA_V

ClientSampleId :

FW7DDL



Tgt Ion:152 Resp: 556145

Ion Ratio Lower Upper

152 100

115 62.8 44.8 134.4

150 159.7 0.0 353.8

