

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039029.D
 Acq On : 25 Aug 2025 13:22
 Operator : SY/MD
 Sample : VV0825WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBL01

Quant Time: Aug 26 03:31:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:37:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	591264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1245791	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1187942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	517611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	508050	59.575	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	119.140%#
35) Dibromofluoromethane	4.500	113	444970	49.597	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.200%
50) Toluene-d8	7.236	98	1534918	48.320	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.640%
62) 4-Bromofluorobenzene	10.001	95	574708	49.376	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	98.760%

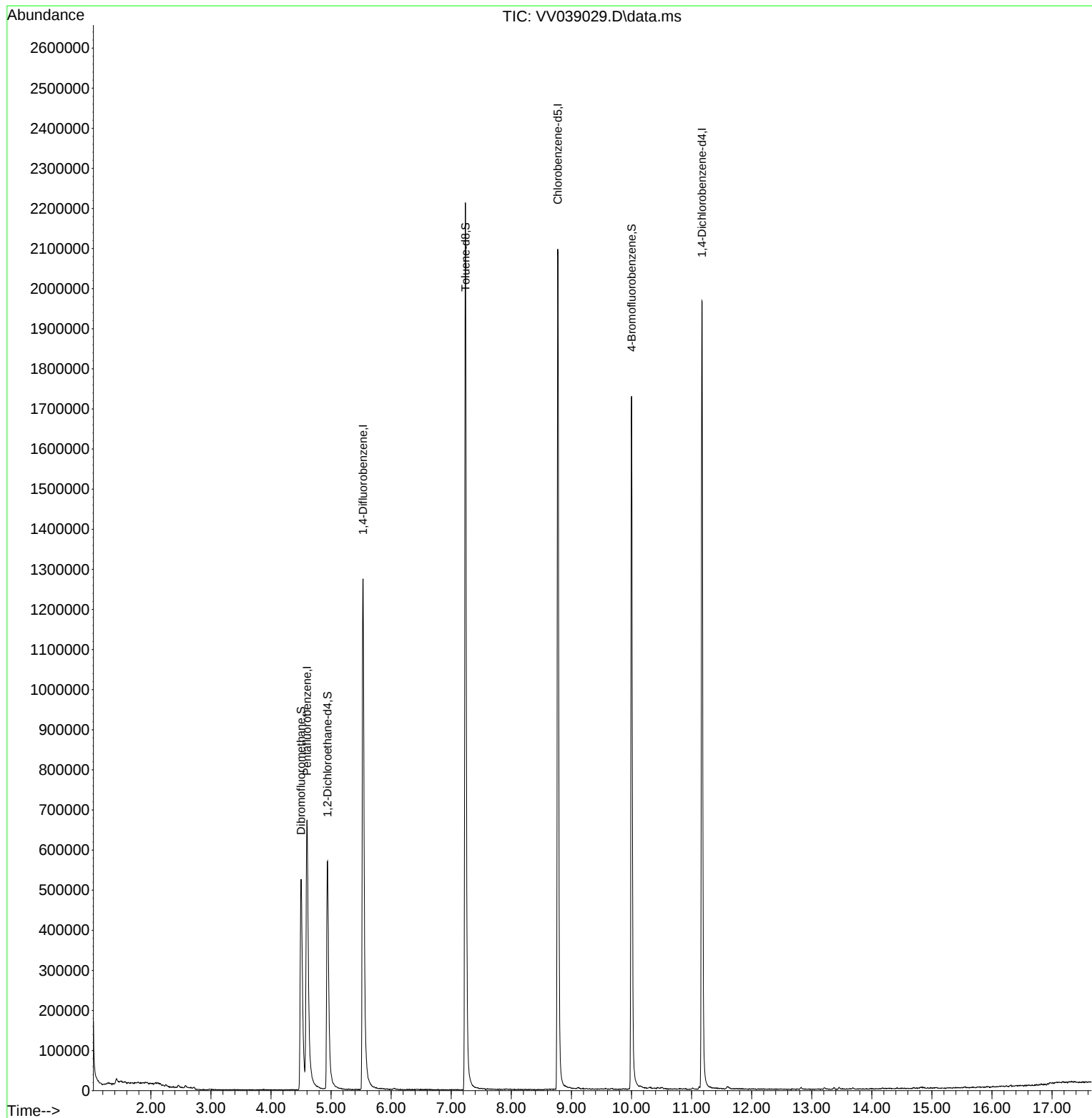
Target Compounds	Qvalue

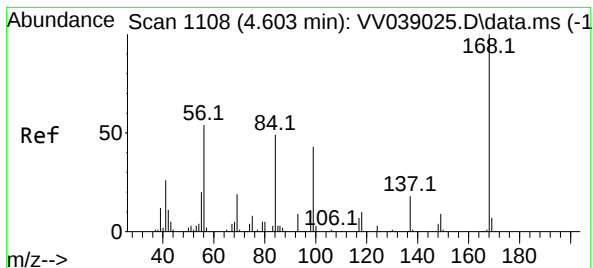
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV039029.D

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Instrument :

MSVOA_V

ClientSampleId :

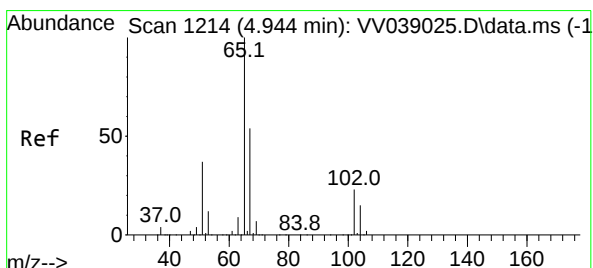
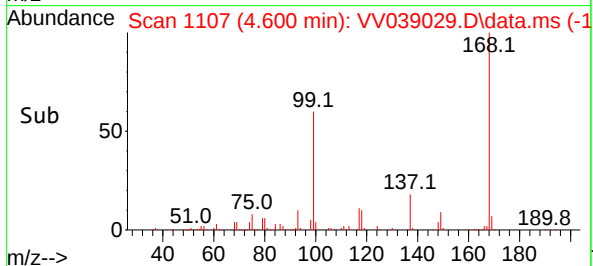
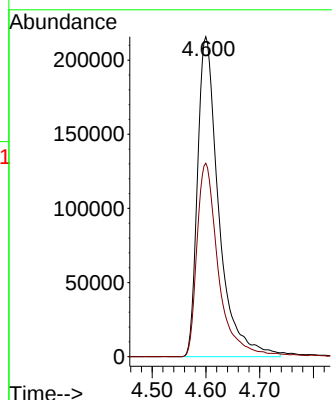
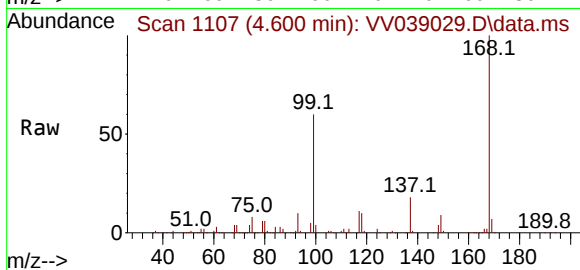
VV0825WBL01

Tgt Ion:168 Resp: 591264

Ion Ratio Lower Upper

168 100

99 60.5 47.8 71.8



#33

1,2-Dichloroethane-d4

Concen: 59.575 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. -0.003 min

Lab File: VV039029.D

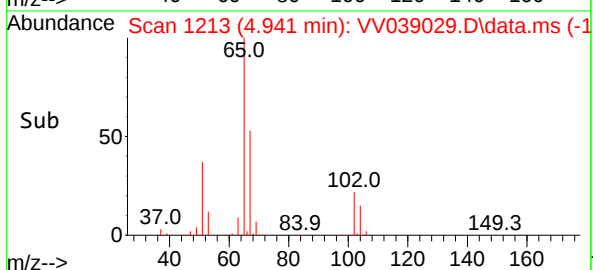
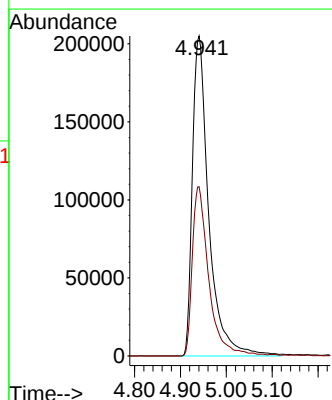
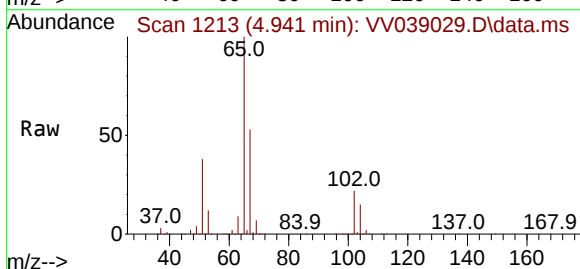
Acq: 25 Aug 2025 13:22

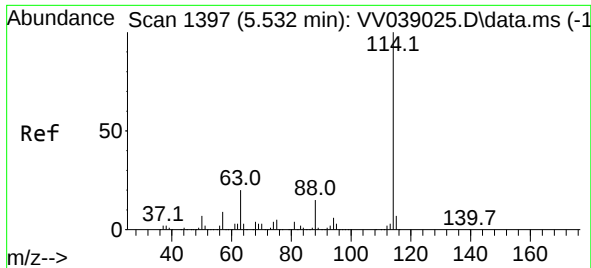
Tgt Ion: 65 Resp: 508050

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.2

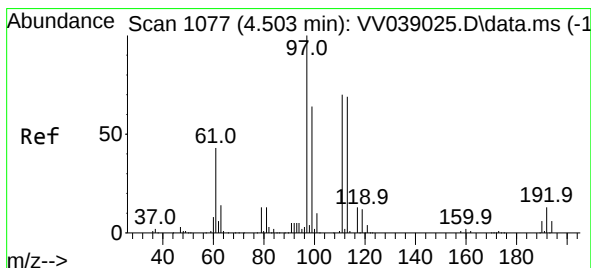
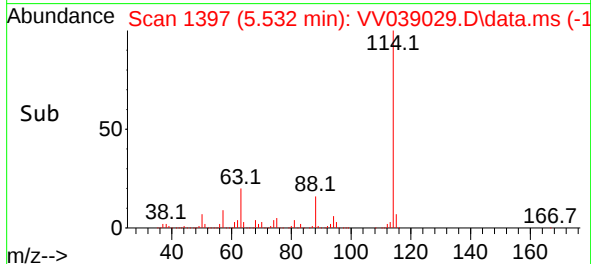
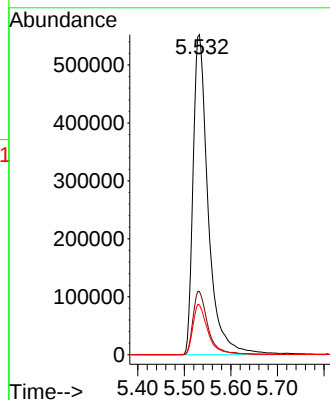
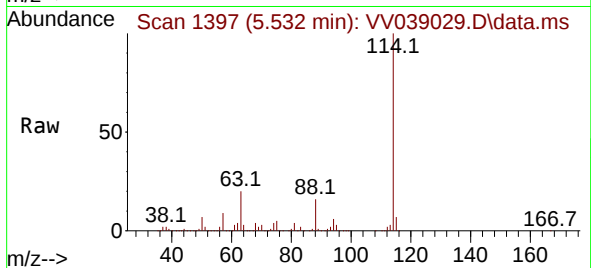




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039029.D
Acq: 25 Aug 2025 13:22

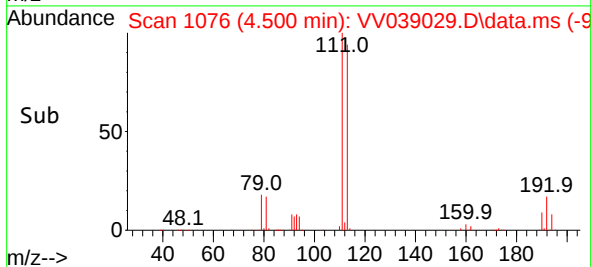
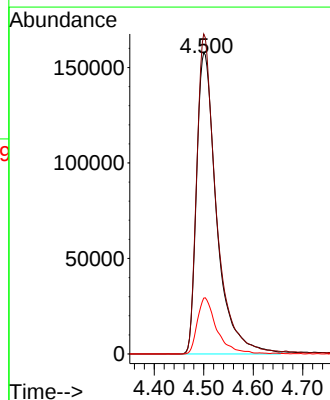
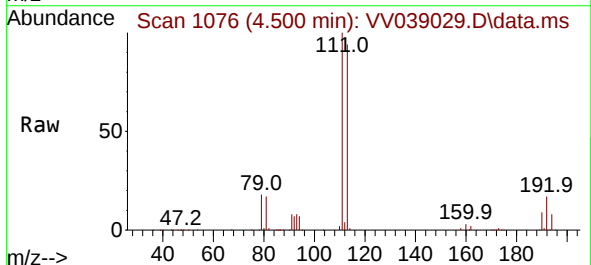
Instrument :
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ClientSampleId :
VV0825WBL01

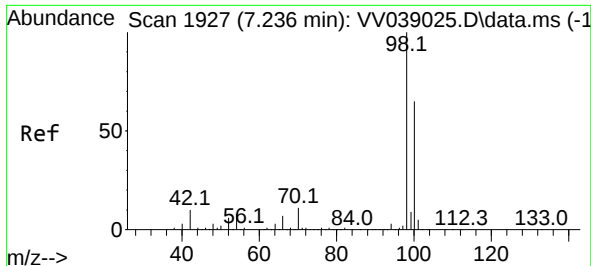
Tgt Ion:114 Resp: 1245791
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.597 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VV039029.D
Acq: 25 Aug 2025 13:22

Tgt Ion:113 Resp: 444970
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.0 14.2 21.2

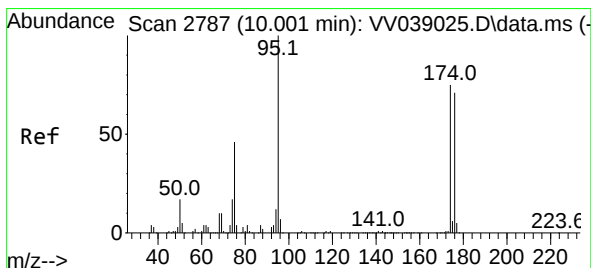
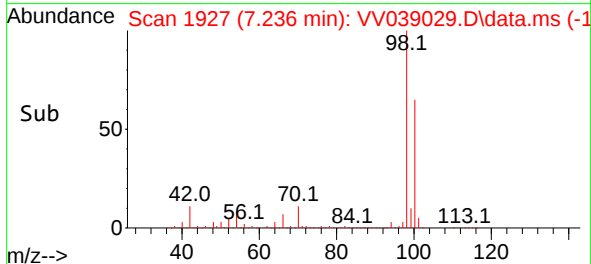
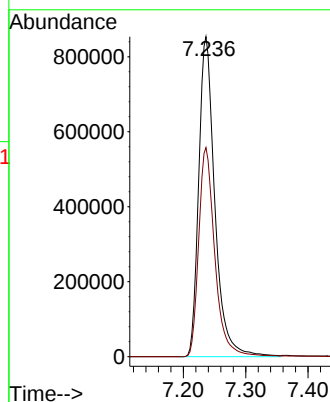
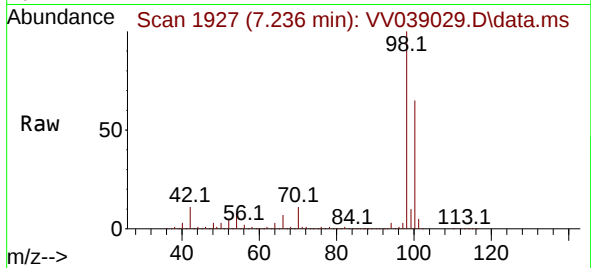




#50
Toluene-d8
Concen: 48.320 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039029.D
Acq: 25 Aug 2025 13:22

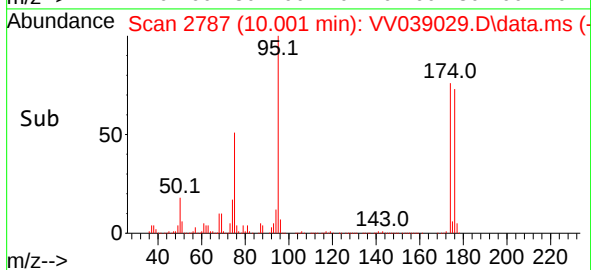
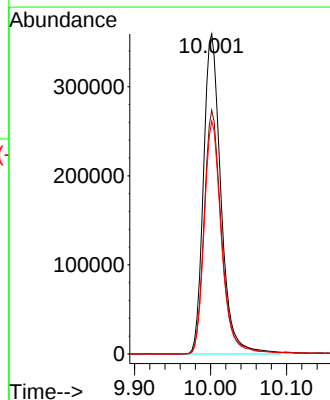
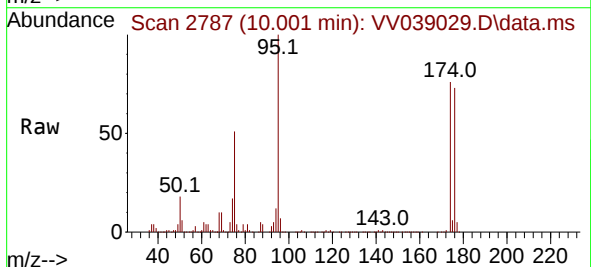
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBL01

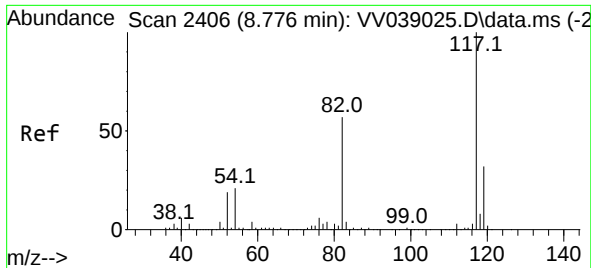
Tgt Ion: 98 Resp: 1534918
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 49.376 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039029.D
Acq: 25 Aug 2025 13:22

Tgt Ion: 95 Resp: 574708
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.4
176 72.4 0.0 144.2

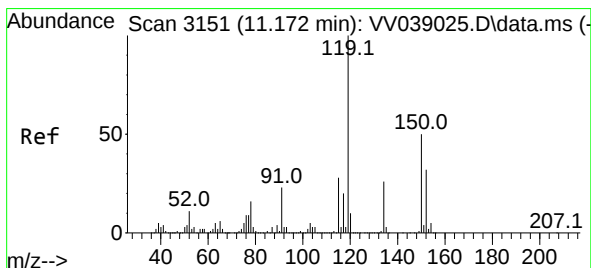
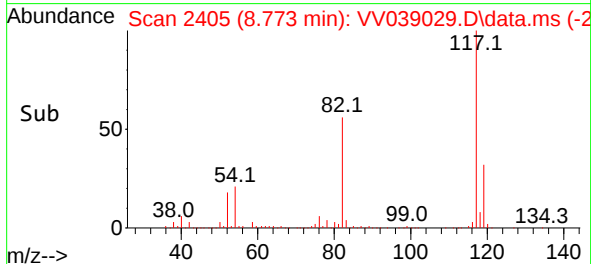
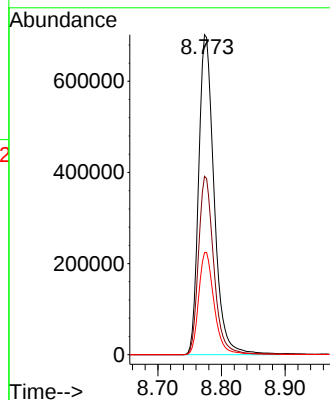
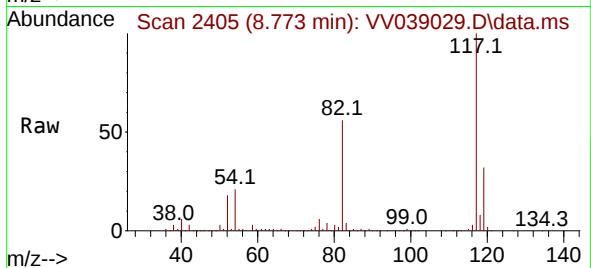




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039029.D
Acq: 25 Aug 2025 13:22

Instrument :
MSVOA_V
ClientSampleId :
VV0825WBL01

Tgt Ion:117 Resp: 1187942
Ion Ratio Lower Upper
117 100
82 55.8 45.6 68.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039029.D
Acq: 25 Aug 2025 13:22

Tgt Ion:152 Resp: 517611
Ion Ratio Lower Upper
152 100
115 61.4 44.0 132.1
150 156.9 0.0 352.2

