

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026696.D
 Acq On : 4 Aug 2025 14:22
 Operator : SY/MD
 Sample : VR0804WBL02
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0804WBL02

Quant Time: Aug 05 02:46:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.311	168	611694	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.338	114	1088697	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.543	117	798926	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.751	152	343151	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.696	65	399520	51.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.200%
34) Dibromofluoromethane	7.211	113	333927	49.591	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
49) Toluene-d8	10.042	98	1217855	50.482	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.960%
61) 4-Bromofluorobenzene	12.679	95	326256	47.548	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.100%

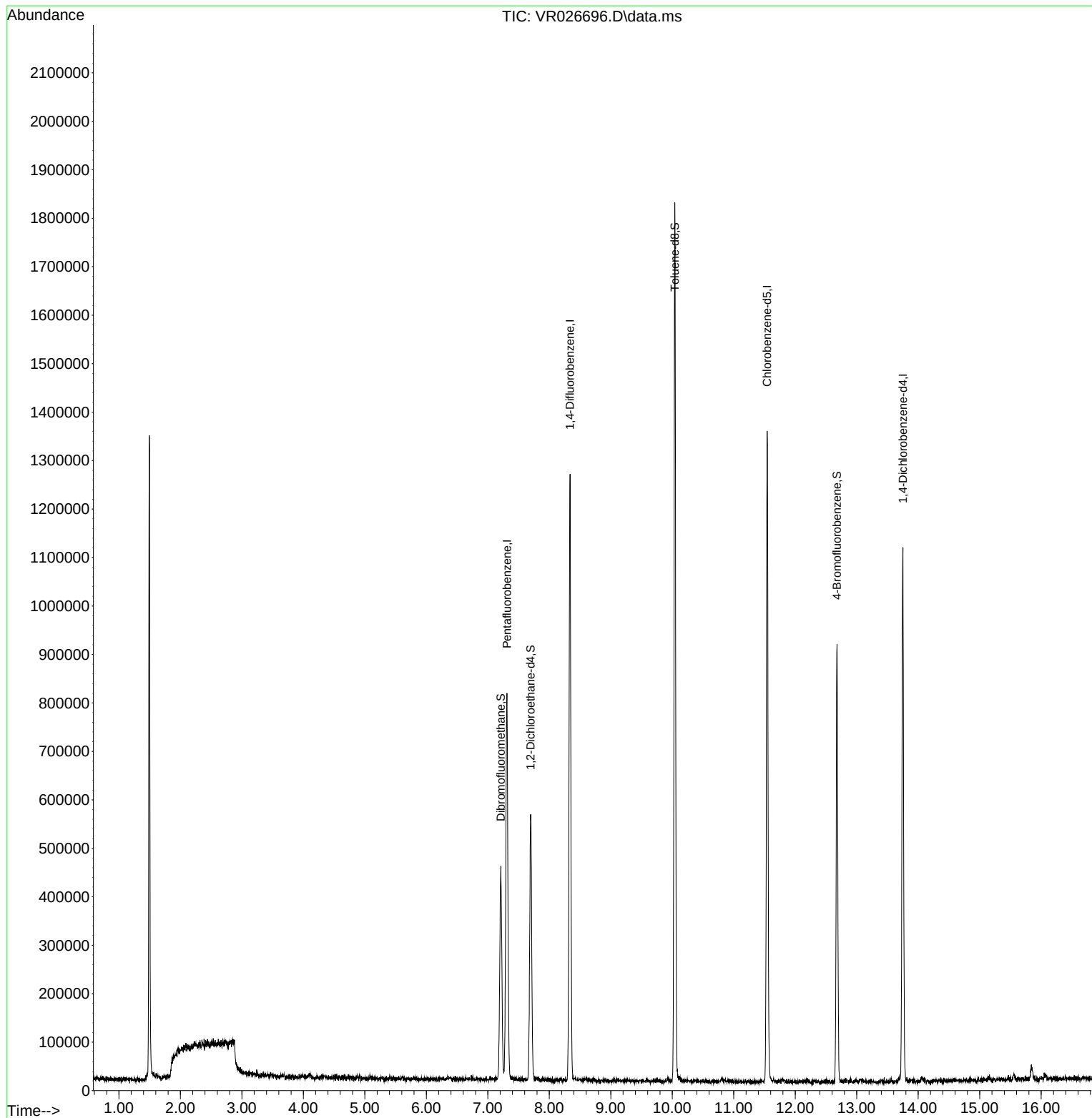
Target Compounds	Qvalue

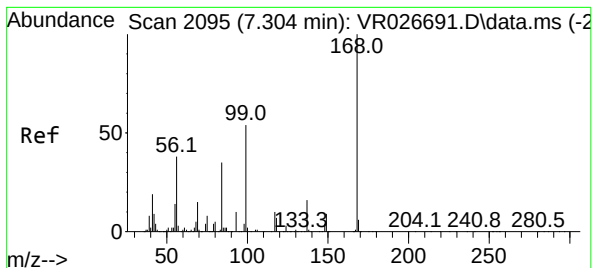
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.311 min Scan# 2095

Delta R.T. 0.007 min

Lab File: VR026696.D

Acq: 4 Aug 2025 14:22

Instrument :

MSVOA_R

ClientSampleId :

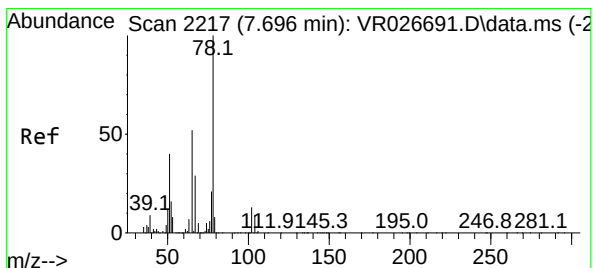
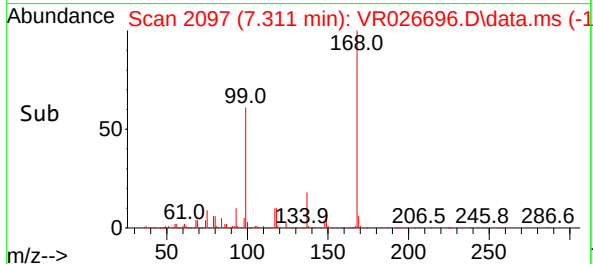
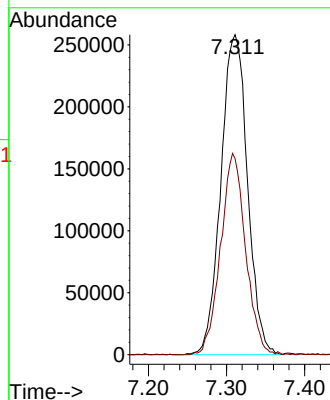
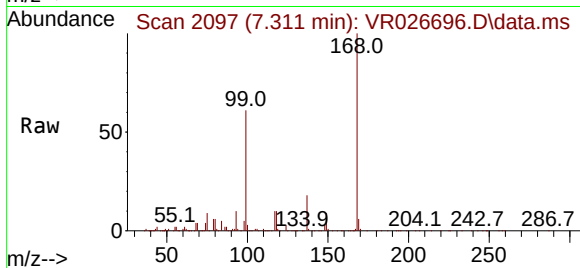
VR0804WBL02

Tgt Ion:168 Resp: 611694

Ion Ratio Lower Upper

168 100

99 61.3 43.8 65.8



#32

1,2-Dichloroethane-d4

Concen: 51.604 ug/l

RT: 7.696 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VR026696.D

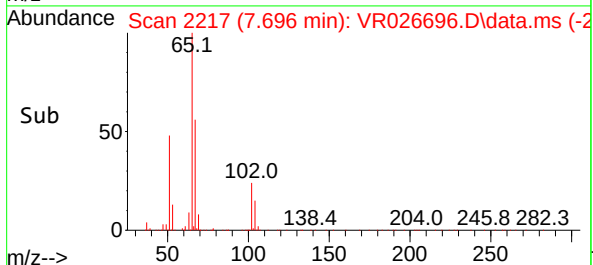
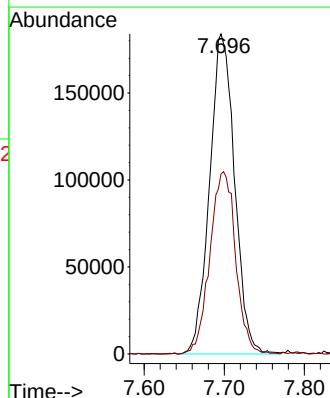
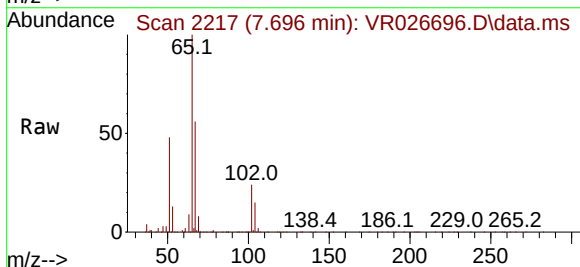
Acq: 4 Aug 2025 14:22

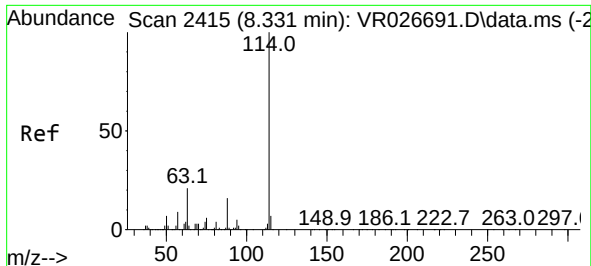
Tgt Ion: 65 Resp: 399520

Ion Ratio Lower Upper

65 100

67 58.3 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.338 min Scan# 2415

Delta R.T. 0.006 min

Lab File: VR026696.D

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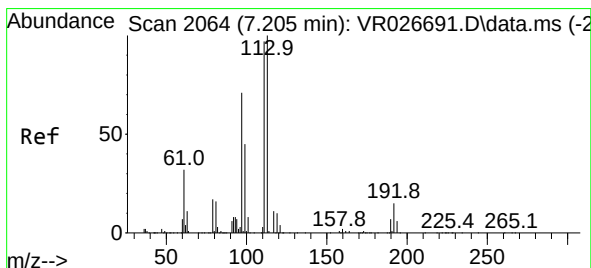
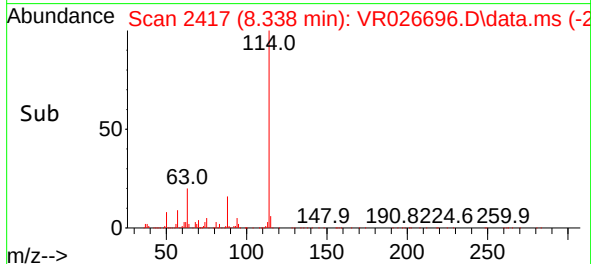
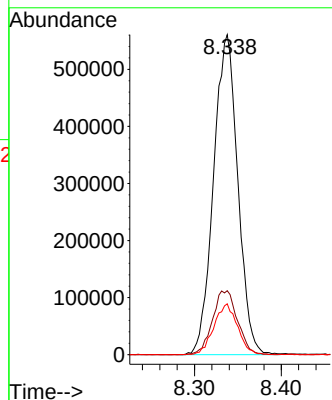
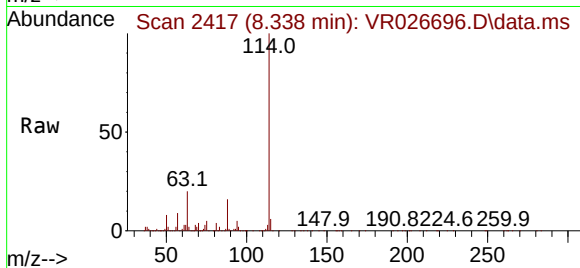
Tgt Ion:114 Resp: 1088697

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.9 0.0 32.6



#34

Dibromofluoromethane

Concen: 49.591 ug/l

RT: 7.211 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VR026696.D

Acq: 4 Aug 2025 14:22

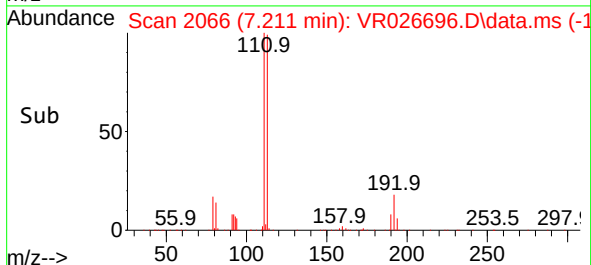
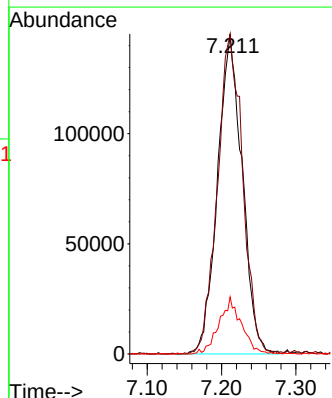
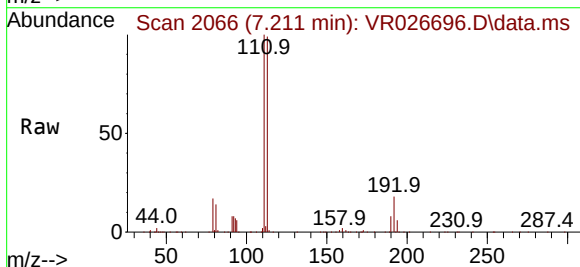
Tgt Ion:113 Resp: 333927

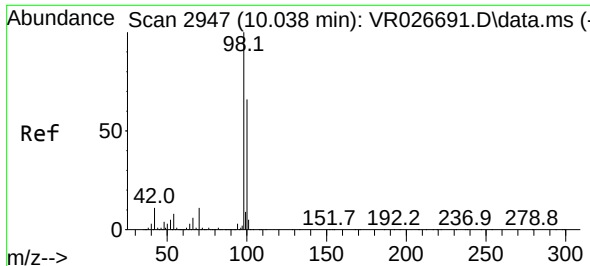
Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

192 16.1 12.3 18.5

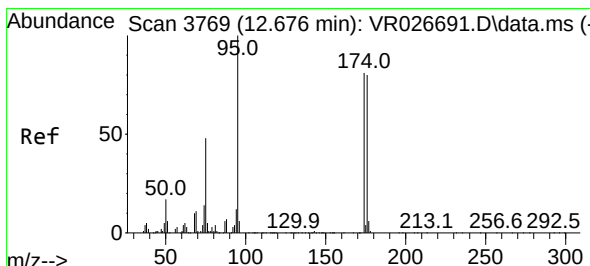
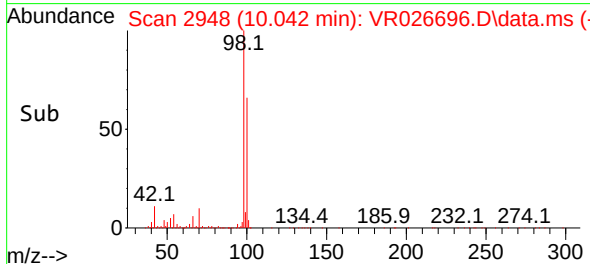
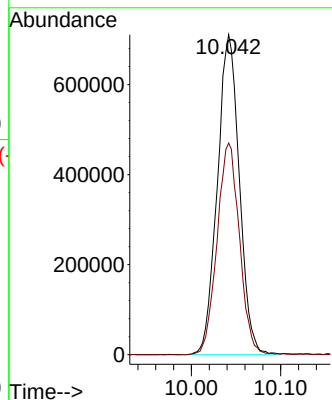
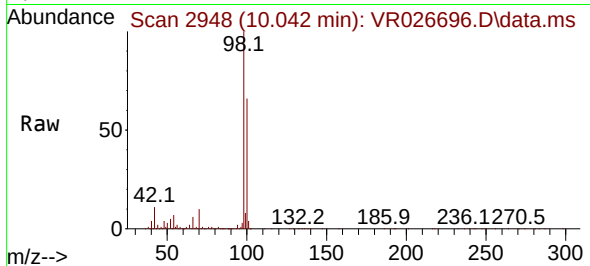




#49
Toluene-d8
Concen: 50.482 ug/l
RT: 10.042 min Scan# 2947
Delta R.T. 0.003 min
Lab File: VR026696.D
Acq: 4 Aug 2025 14:22

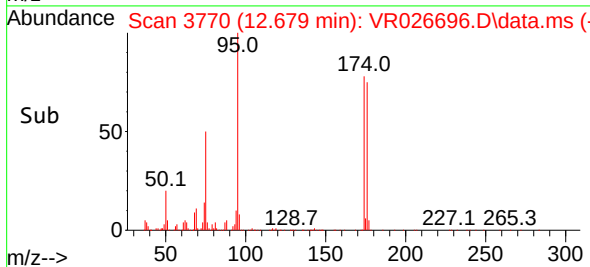
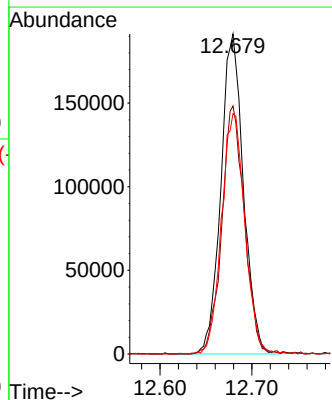
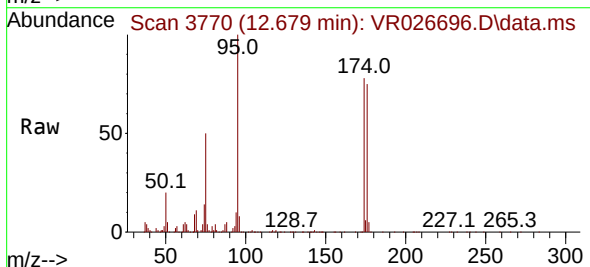
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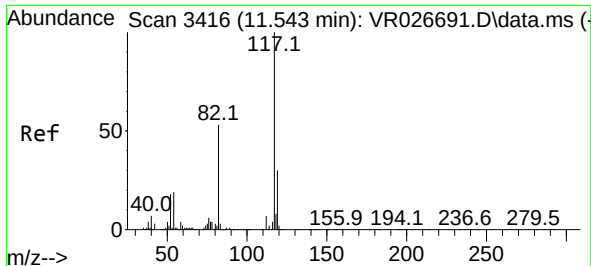
Tgt Ion: 98 Resp: 1217855
Ion Ratio Lower Upper
98 100
100 67.2 53.9 80.9



#61
4-Bromofluorobenzene
Concen: 47.548 ug/l
RT: 12.679 min Scan# 3770
Delta R.T. 0.003 min
Lab File: VR026696.D
Acq: 4 Aug 2025 14:22

Tgt Ion: 95 Resp: 326256
Ion Ratio Lower Upper
95 100
174 77.9 0.0 158.4
176 77.7 0.0 149.0

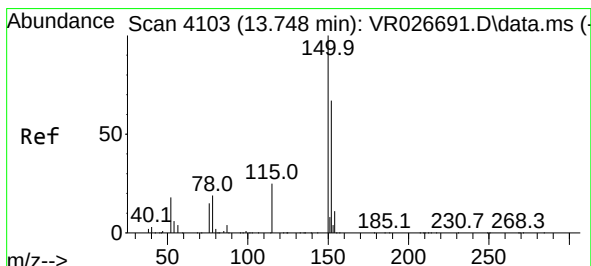
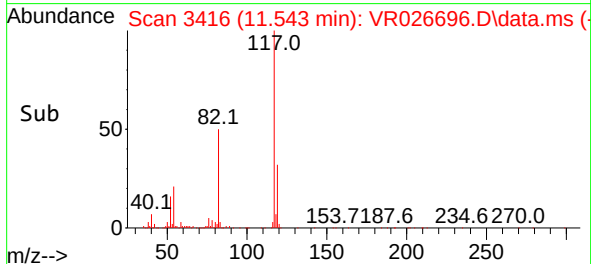
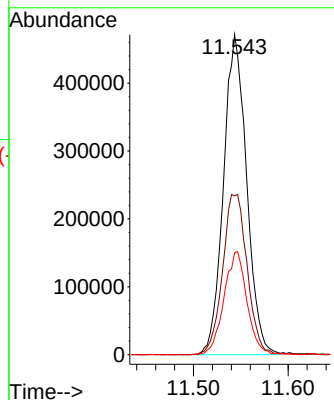
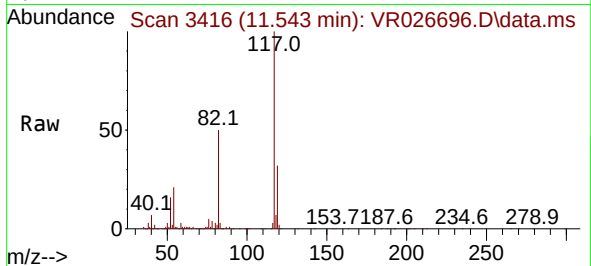




#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.543 min Scan# 3416
Delta R.T. -0.000 min
Lab File: VR026696.D
Acq: 4 Aug 2025 14:22

Instrument :
MSVOA_R
ClientSampleId :
VR0804WBL02

Tgt Ion:117 Resp: 798926
Ion Ratio Lower Upper
117 100
82 49.7 42.0 63.0
119 31.7 23.9 35.9



#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.751 min Scan# 4104
Delta R.T. 0.003 min
Lab File: VR026696.D
Acq: 4 Aug 2025 14:22

Tgt Ion:152 Resp: 343151
Ion Ratio Lower Upper
152 100
115 53.0 27.8 83.4
150 153.3 0.0 350.4

