

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048281.D
 Acq On : 22 Oct 2025 09:05
 Operator : JC/MD
 Sample : VX1022MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022MBL01

Quant Time: Oct 24 05:50:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	69221	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	134860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	148574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	78601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	58603	60.383	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	120.760%#
35) Dibromofluoromethane	5.373	113	49592	53.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.720%
50) Toluene-d8	8.628	98	171326	53.090	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.180%
62) 4-Bromofluorobenzene	11.061	95	74628	60.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.580%

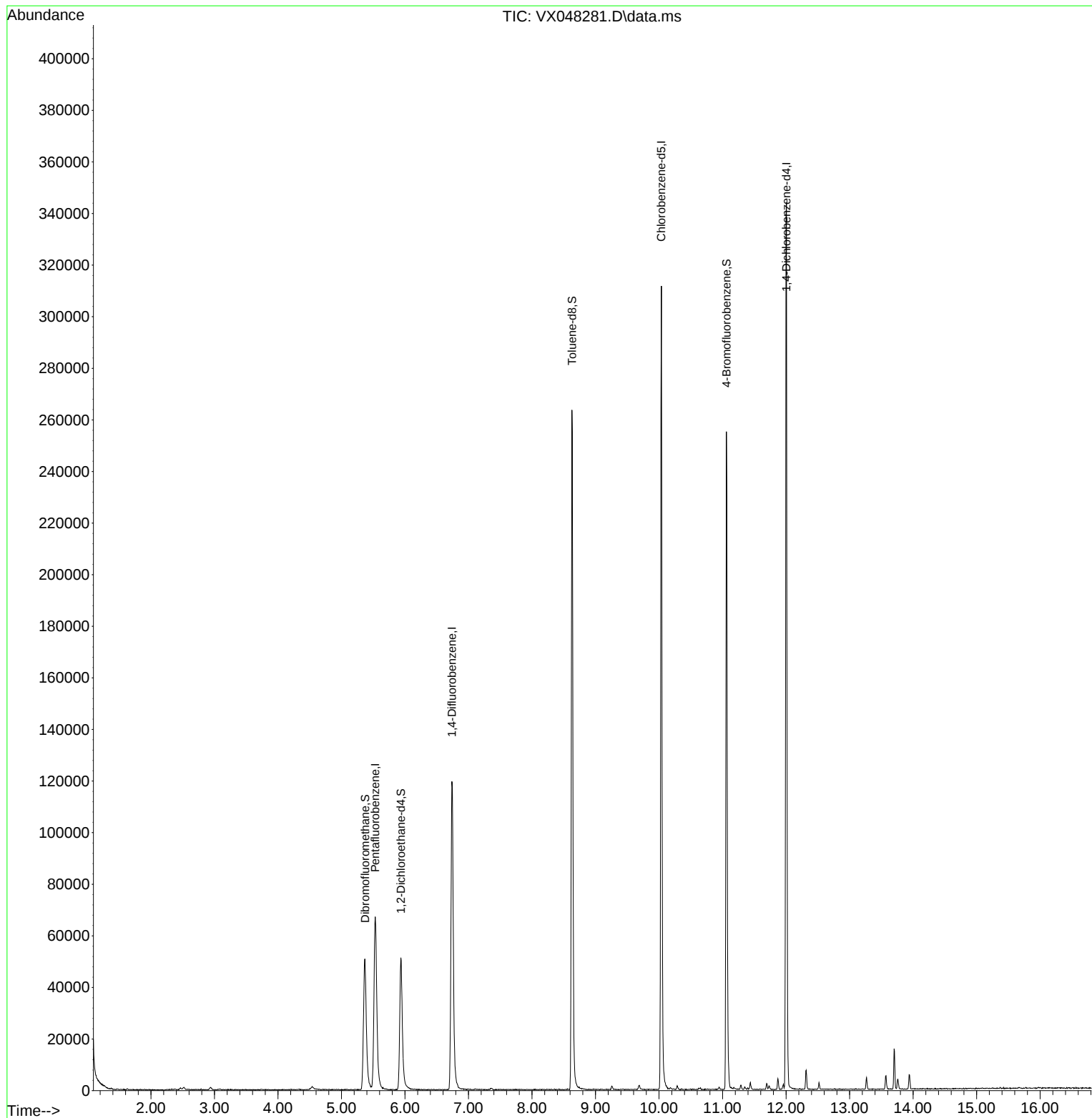
Target Compounds	Qvalue

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

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.531 min Scan# 71

Delta R.T. -0.013 min

Lab File: VX048281.D

Acq: 22 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

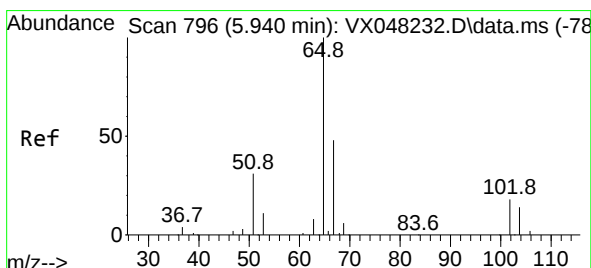
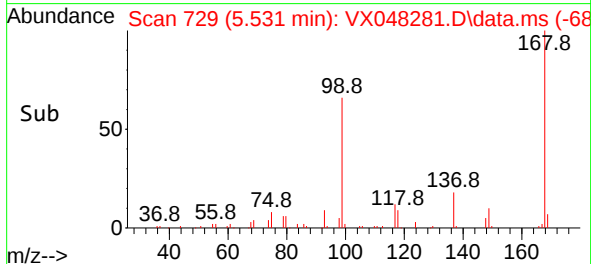
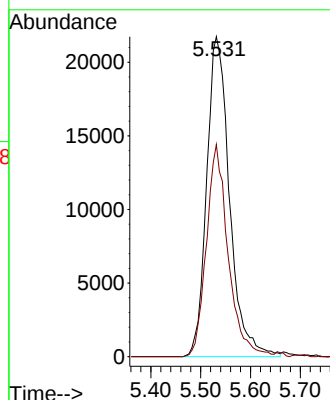
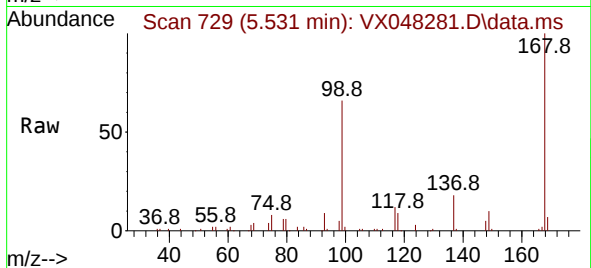
VX1022MBL01

Tgt Ion:168 Resp: 69221

Ion Ratio Lower Upper

168 100

99 66.3 46.4 69.6



#33

1,2-Dichloroethane-d4

Concen: 60.383 ug/l

RT: 5.934 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX048281.D

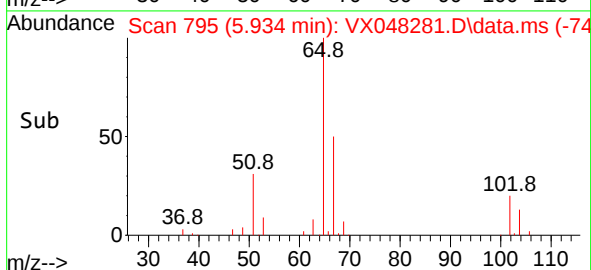
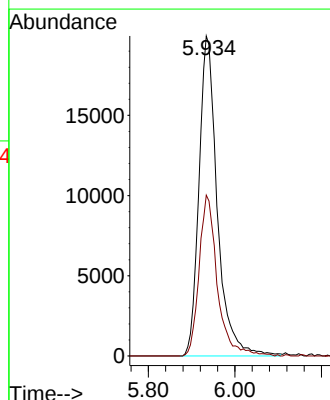
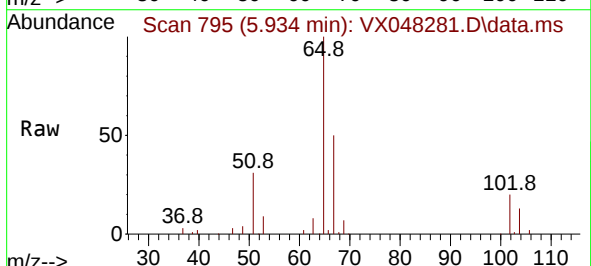
Acq: 22 Oct 2025 09:05

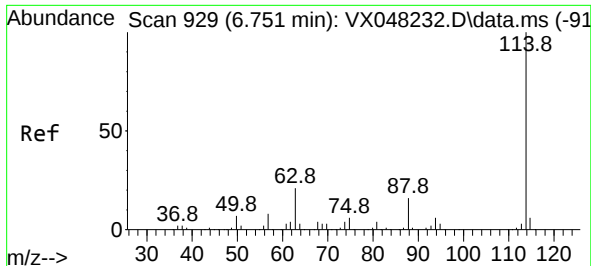
Tgt Ion: 65 Resp: 58603

Ion Ratio Lower Upper

65 100

67 50.0 0.0 105.0

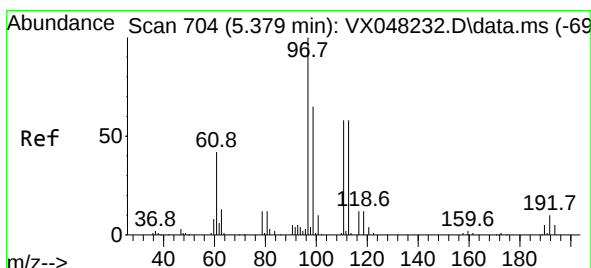
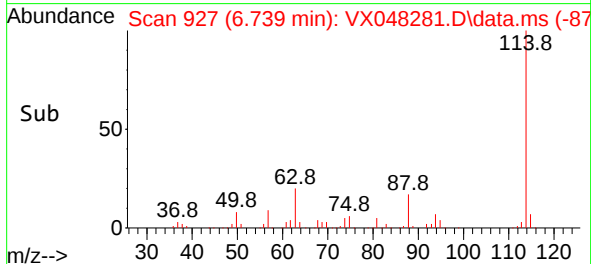
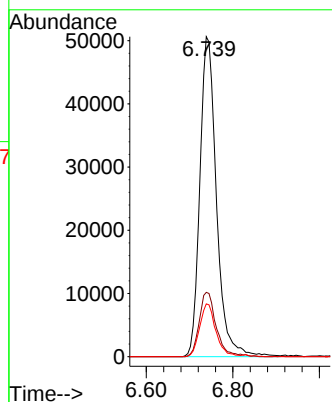
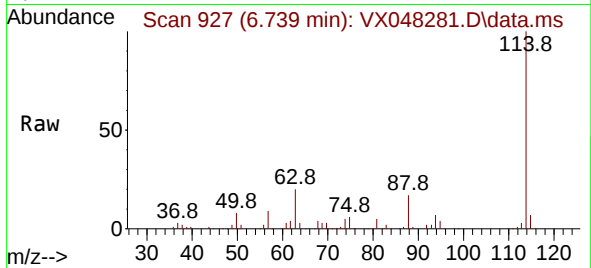




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048281.D
Acq: 22 Oct 2025 09:05

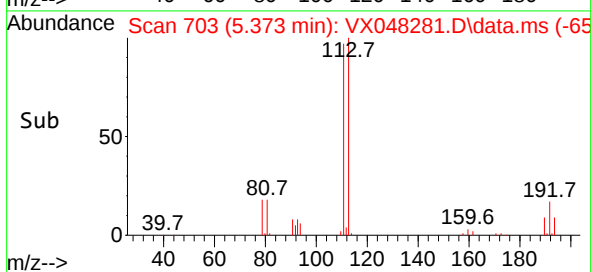
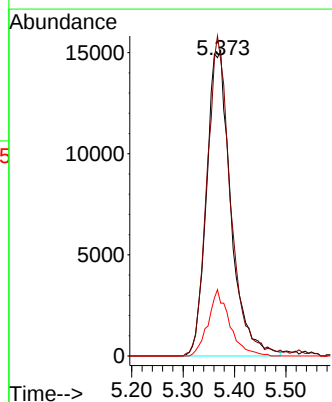
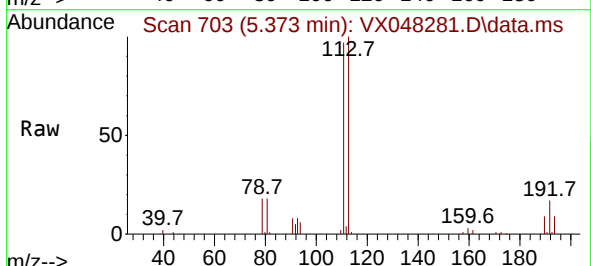
Instrument :
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ClientSampleId :
VX1022MBL01

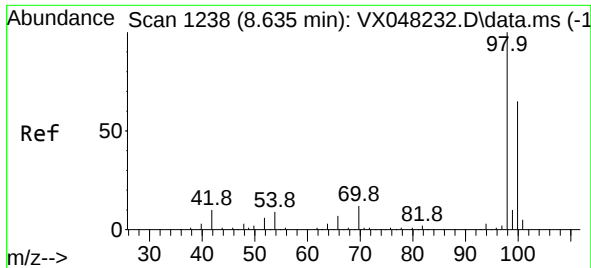
Tgt Ion:114 Resp: 134860
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.864 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048281.D
Acq: 22 Oct 2025 09:05

Tgt Ion:113 Resp: 49592
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 19.3 15.1 22.7

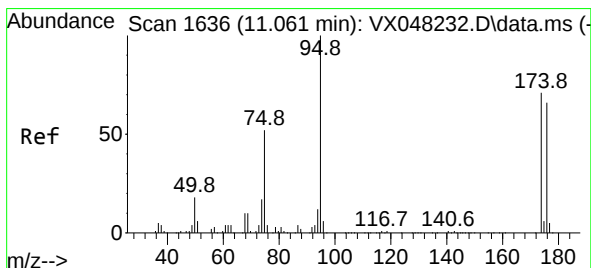
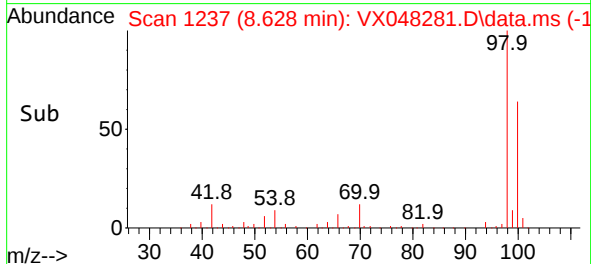
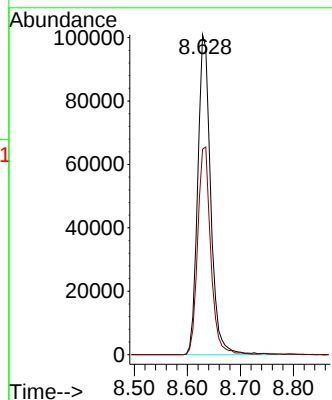
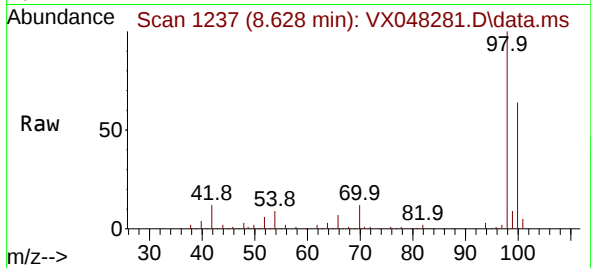




#50
Toluene-d8
Concen: 53.090 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048281.D
Acq: 22 Oct 2025 09:05

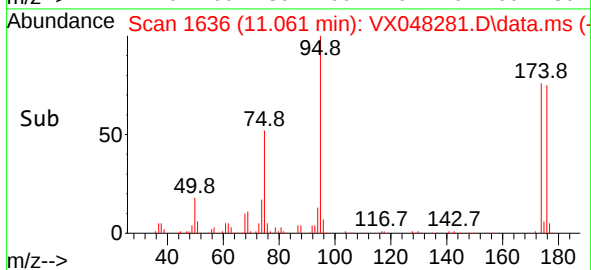
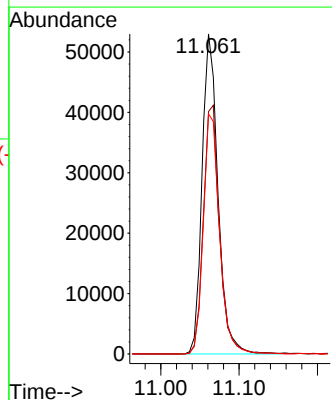
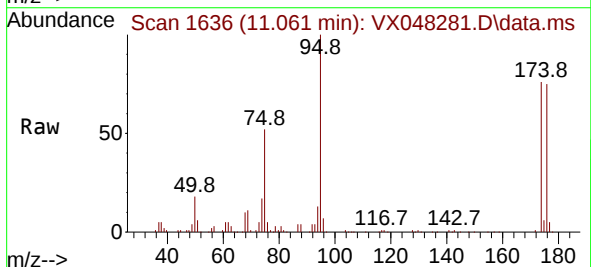
Instrument :
MSVOA_X
ClientSampleId :
VX1022MBL01

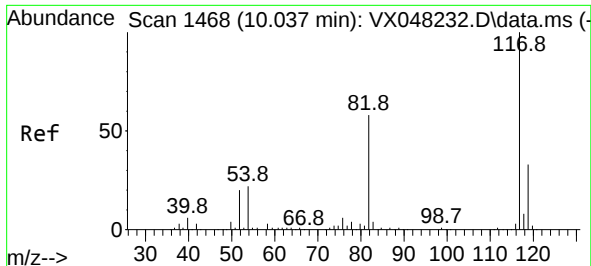
Tgt Ion: 98 Resp: 171326
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 60.788 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048281.D
Acq: 22 Oct 2025 09:05

Tgt Ion: 95 Resp: 74628
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.8
176 76.5 0.0 142.8

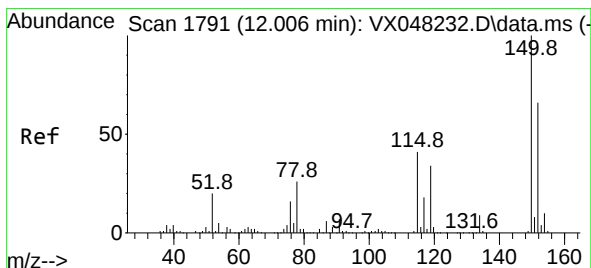
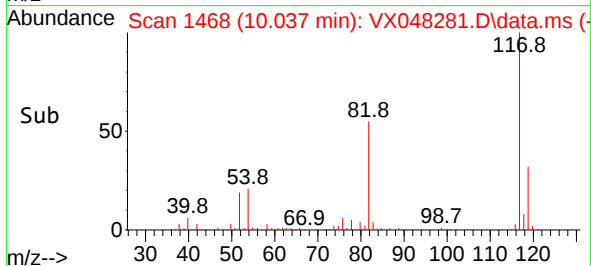
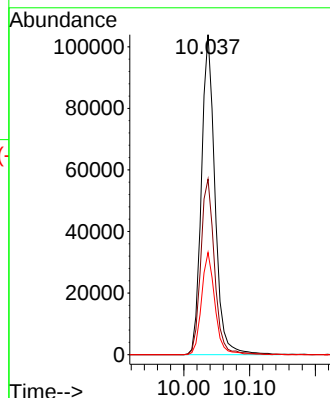
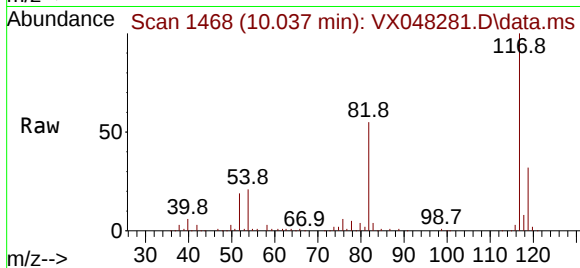




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048281.D
Acq: 22 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VX1022MBL01

Tgt Ion:117 Resp: 148574
Ion Ratio Lower Upper
117 100
82 54.9 46.5 69.7
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048281.D
Acq: 22 Oct 2025 09:05

Tgt Ion:152 Resp: 78601
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 153.9 0.0 353.0

