

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047970.D
 Acq On : 02 Oct 2025 15:52
 Operator : JC/MD
 Sample : Q3194-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT192D1-20250922

Quant Time: Oct 03 03:32:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

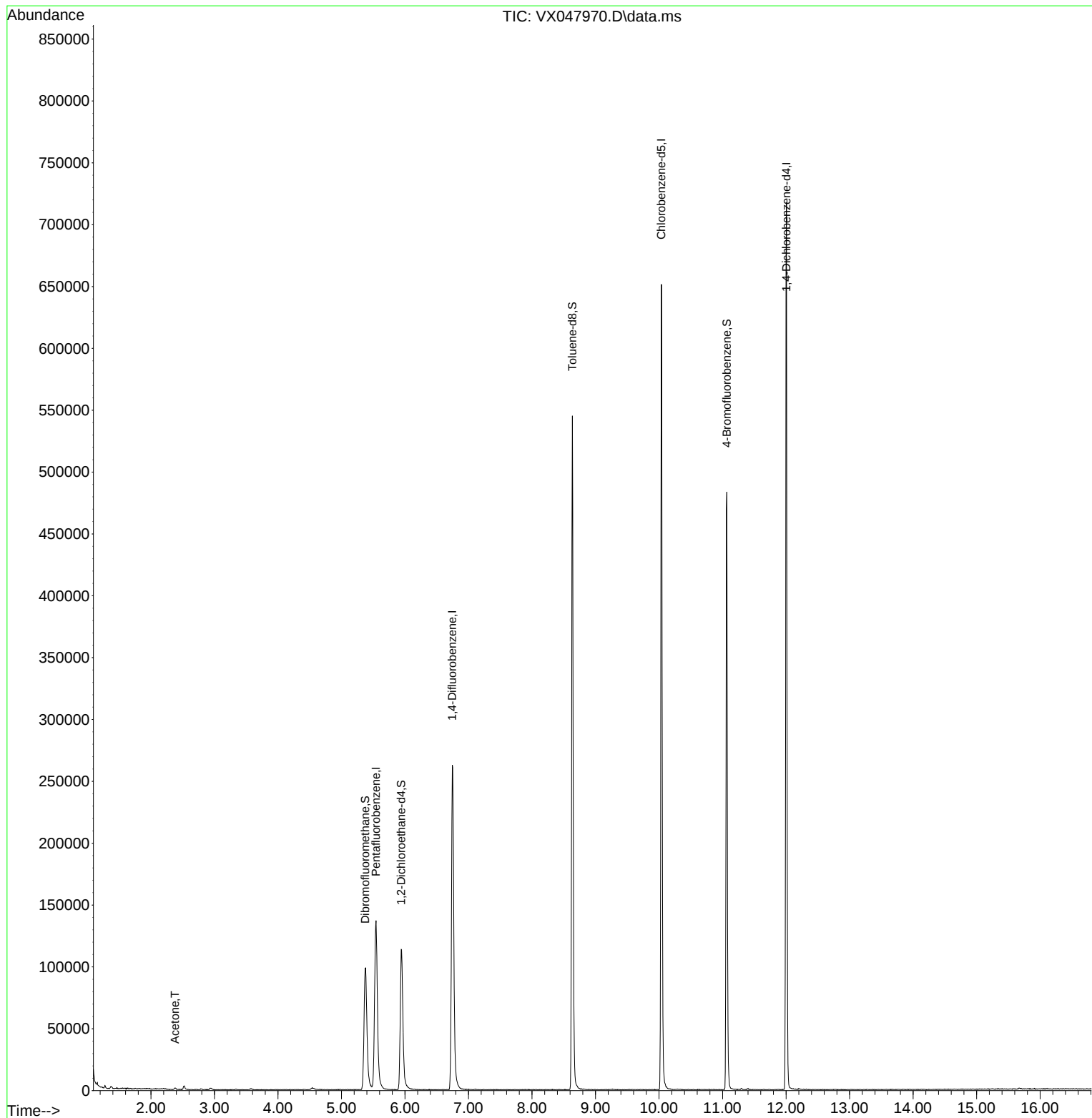
Internal Standards						
1) Pentafluorobenzene	5.544	168	138649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	284637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	299797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	124235	56.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.580%
35) Dibromofluoromethane	5.373	113	99095	51.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.820%
50) Toluene-d8	8.635	98	329546	49.891	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.067	95	142659	56.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.820%
Target Compounds						
16) Acetone	2.380	43	1955	2.037	ug/l	Qvalue # 84

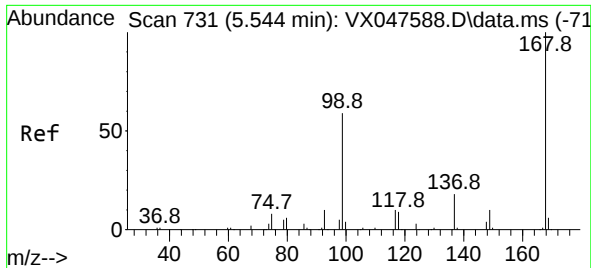
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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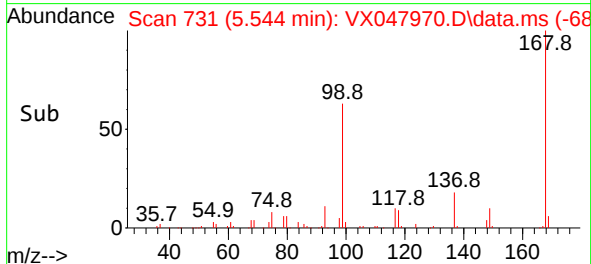
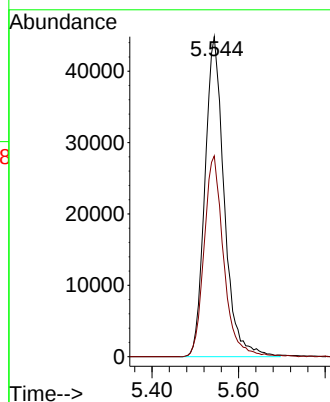
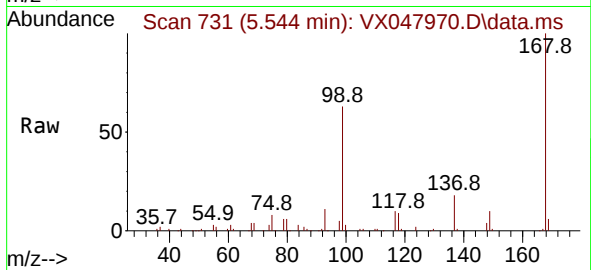




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

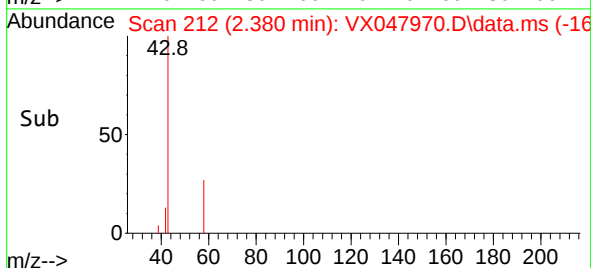
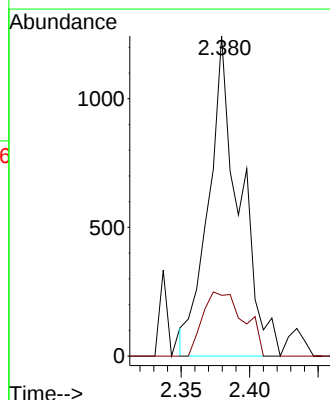
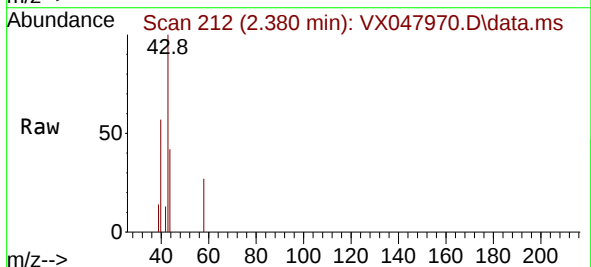
Instrument :
MSVOA_X
ClientSampleId :
TT192D1-20250922

Tgt Ion:168 Resp: 138649
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#16
Acetone
Concen: 2.037 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
58 20.8 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 56.293 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047970.D

Acq: 02 Oct 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

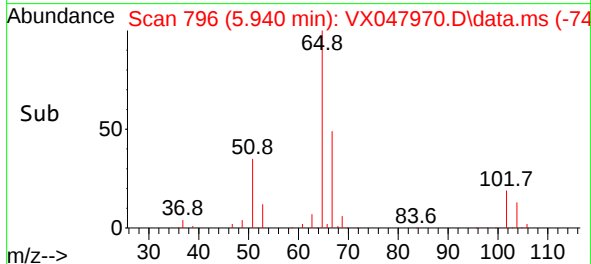
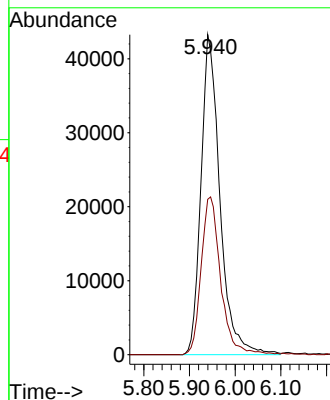
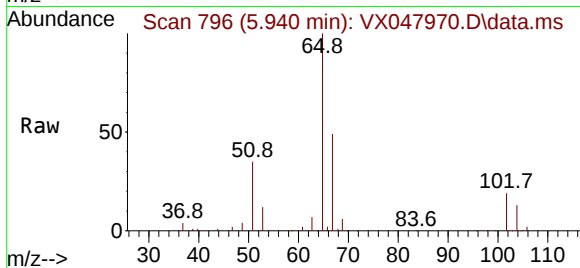
TT192D1-20250922

Tgt Ion: 65 Resp: 124235

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047970.D

Acq: 02 Oct 2025 15:52

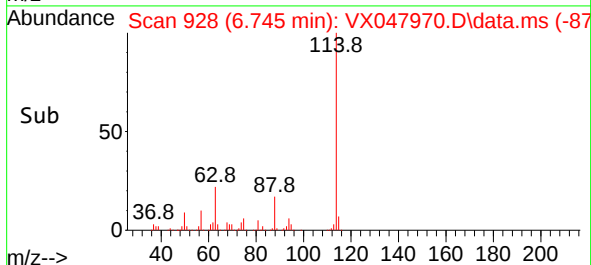
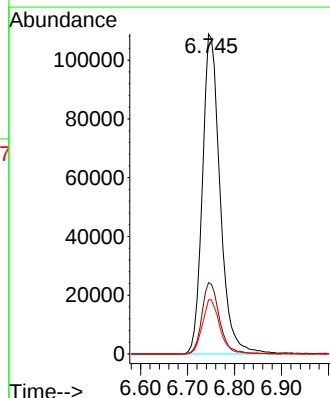
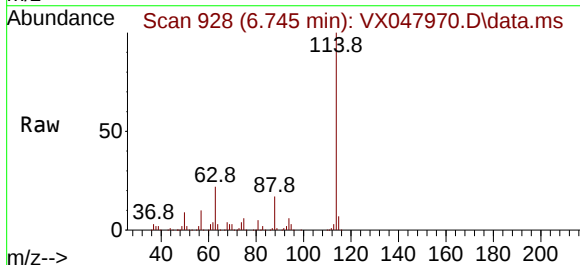
Tgt Ion: 114 Resp: 284637

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 16.9 0.0 34.2

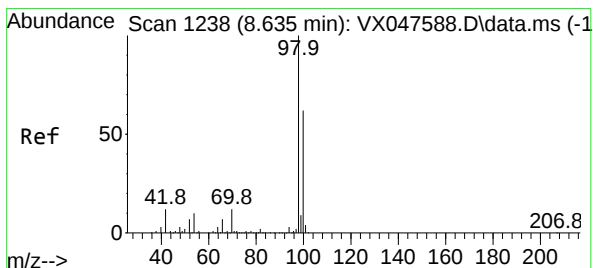
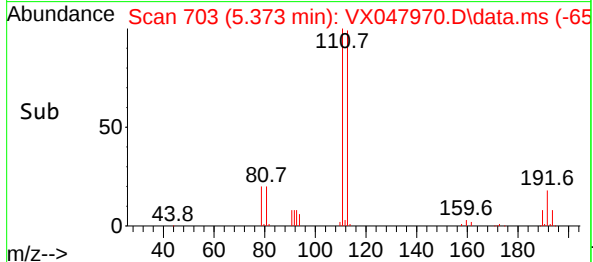
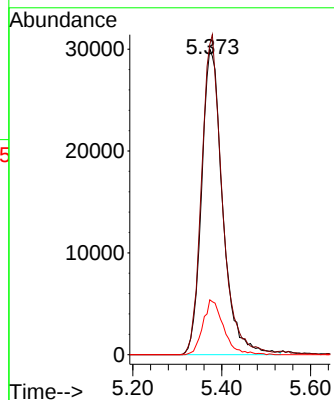
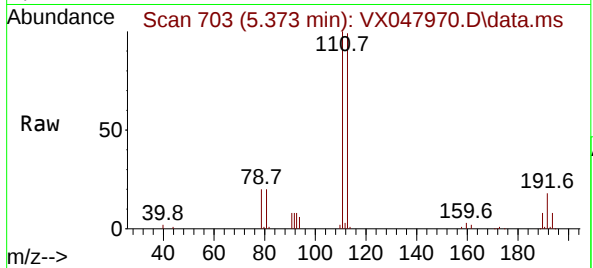




#35
Dibromofluoromethane
Concen: 51.911 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

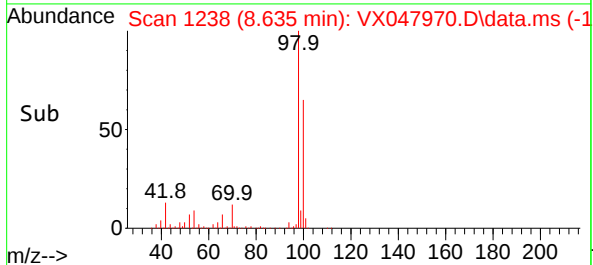
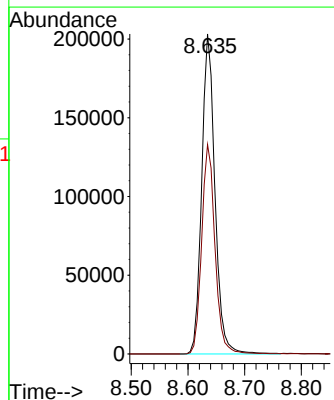
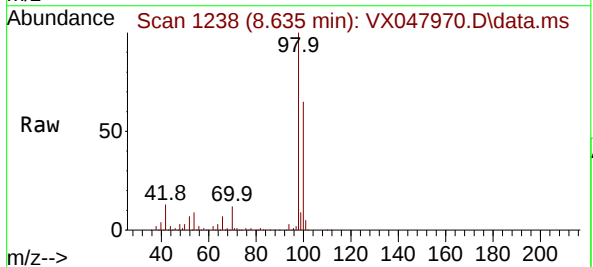
Instrument :
MSVOA_X
ClientSampleId :
TT192D1-20250922

Tgt Ion:113 Resp: 99095
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.6 14.2 21.4



#50
Toluene-d8
Concen: 49.891 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

Tgt Ion: 98 Resp: 329546
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

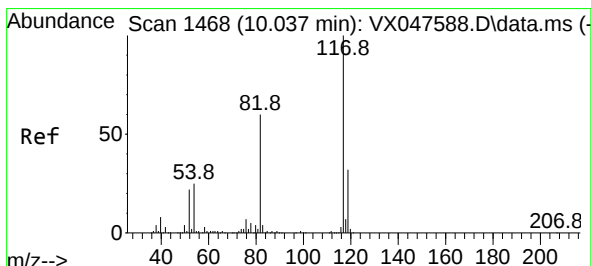
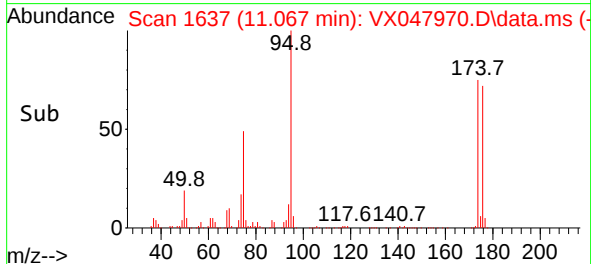
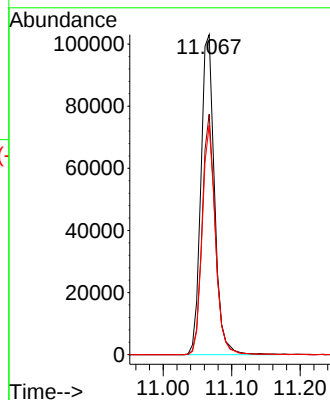
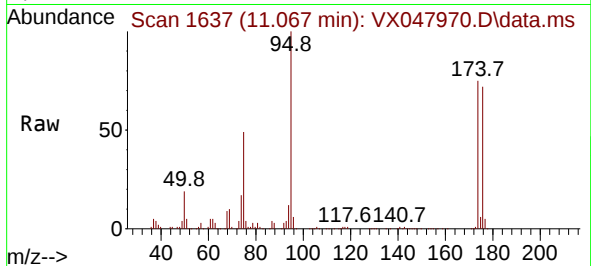




#62
4-Bromofluorobenzene
Concen: 56.908 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

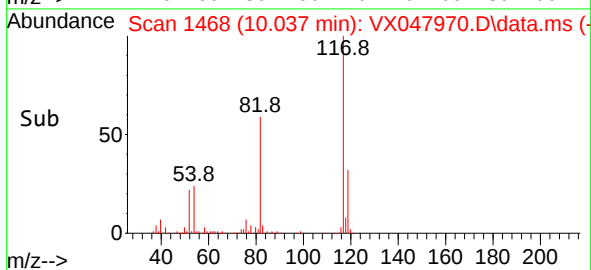
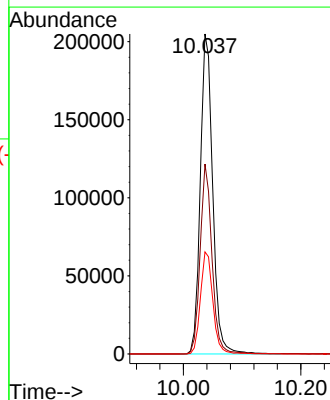
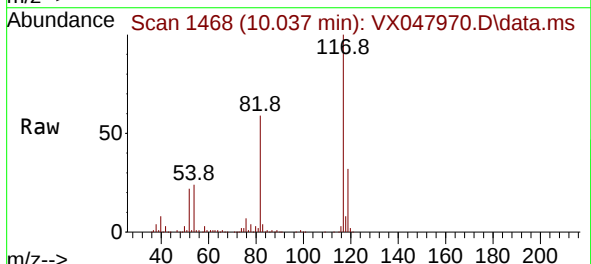
Instrument :
MSVOA_X
ClientSampleId :
TT192D1-20250922

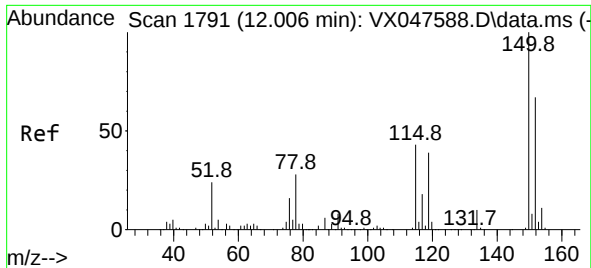
Tgt Ion: 95 Resp: 142659
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047970.D
Acq: 02 Oct 2025 15:52

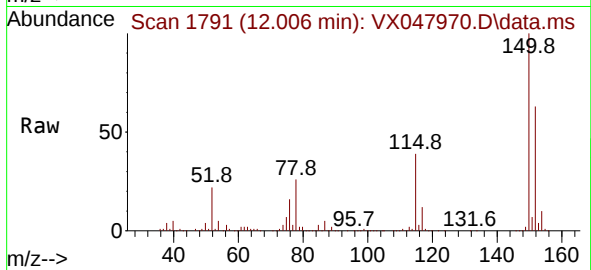
Tgt Ion: 117 Resp: 299797
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.6
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047970.D
 Acq: 02 Oct 2025 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 TT192D1-20250922



Tgt Ion:152 Resp: 150104
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.9 134.5
 150 156.8 0.0 352.0

