

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047973.D
 Acq On : 02 Oct 2025 16:54
 Operator : JC/MD
 Sample : Q3194-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20250924

Quant Time: Oct 03 03:33:44 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)

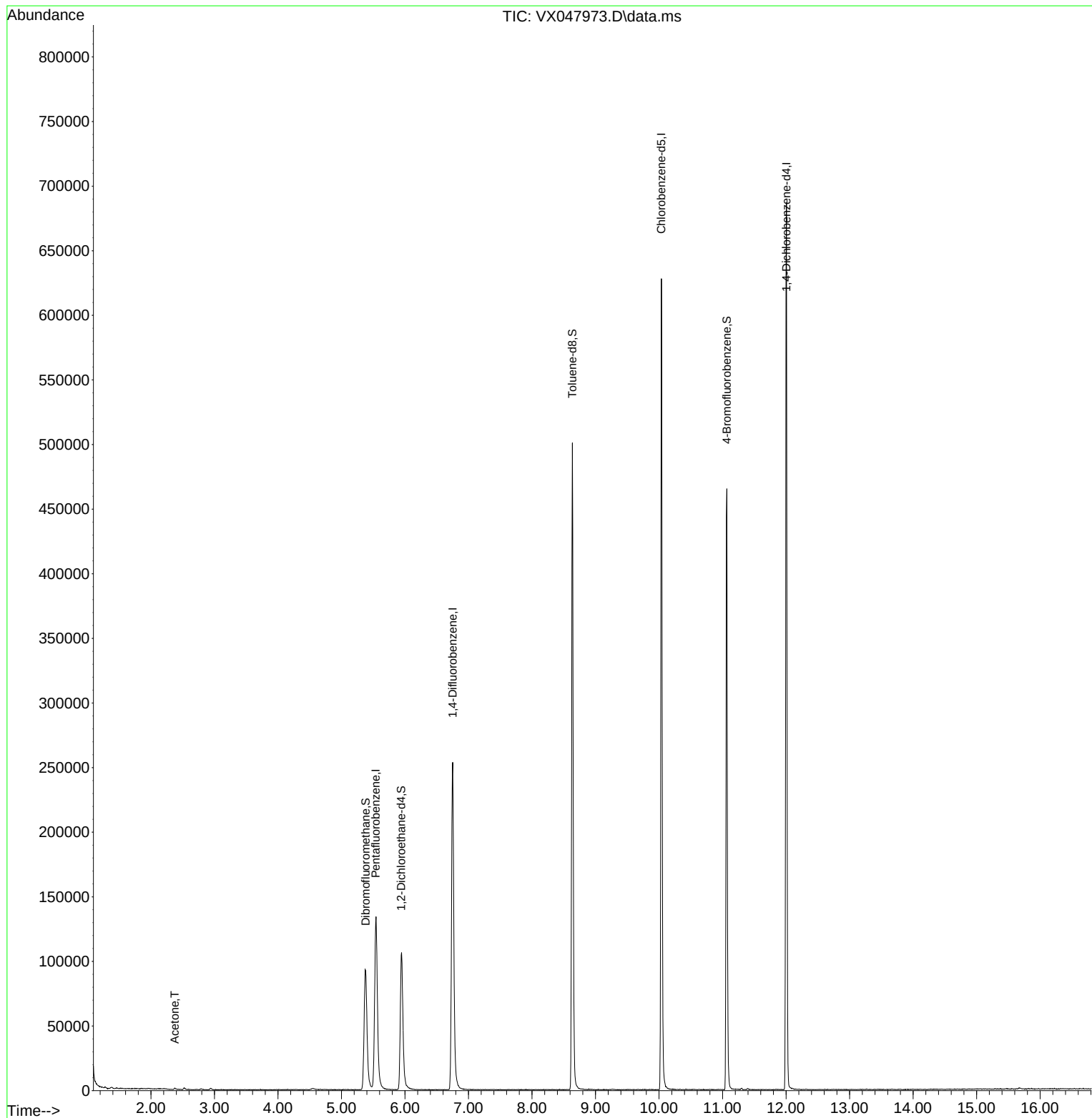
Internal Standards						
1) Pentafluorobenzene	5.538	168	132179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	284714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117448	55.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.640%
35) Dibromofluoromethane	5.379	113	92844	51.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.060%
50) Toluene-d8	8.635	98	306642	48.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.067	95	133867	56.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.060%
Target Compounds						
16) Acetone	2.373	43	1414	1.546	ug/l	Qvalue # 63

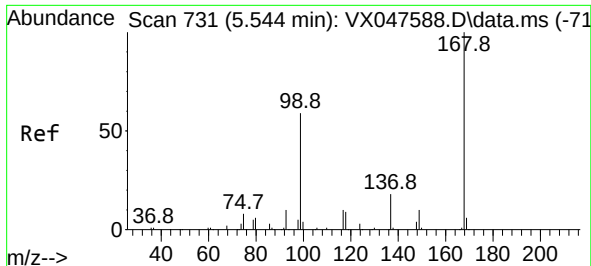
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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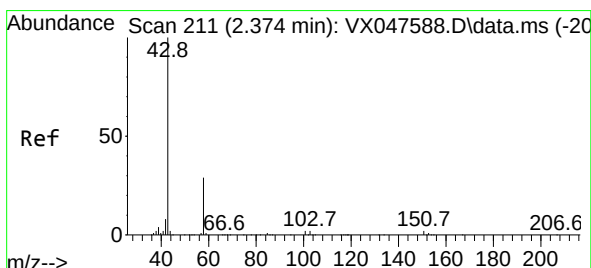
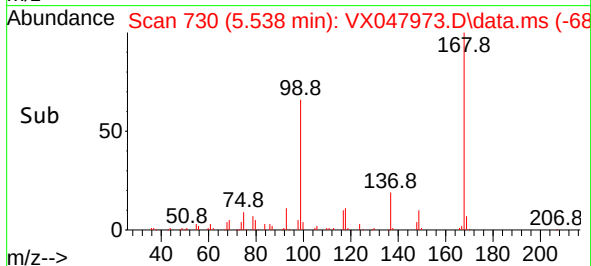
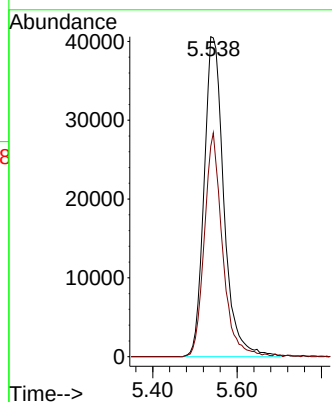
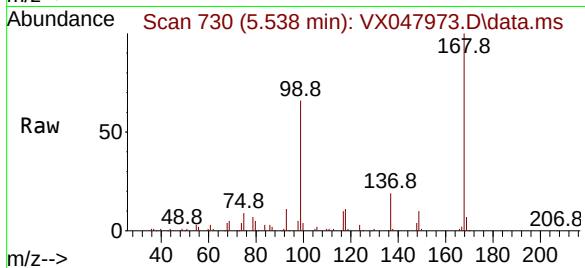




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

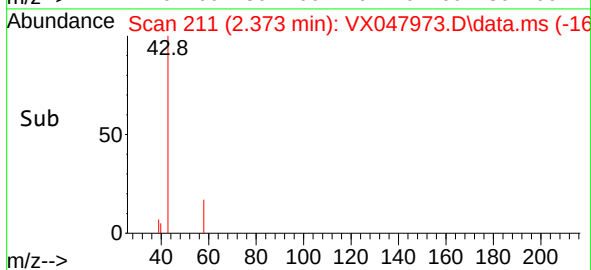
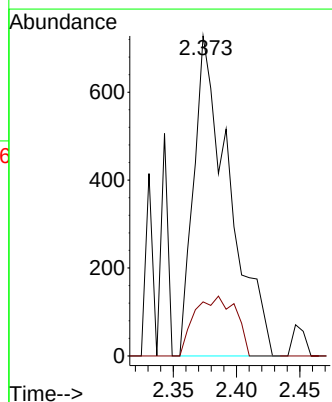
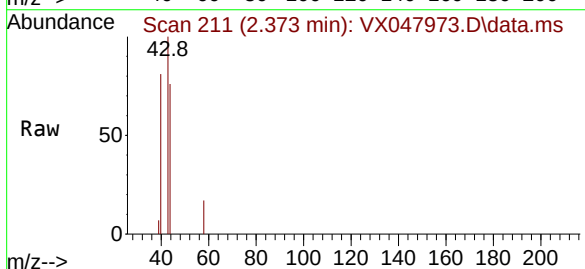
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

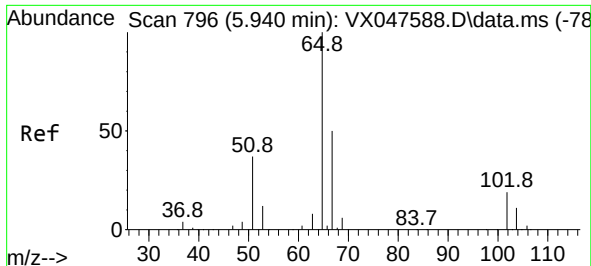
Tgt Ion:168 Resp: 132179
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#16
Acetone
Concen: 1.546 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 9.6 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 55.822 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047973.D

Acq: 02 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

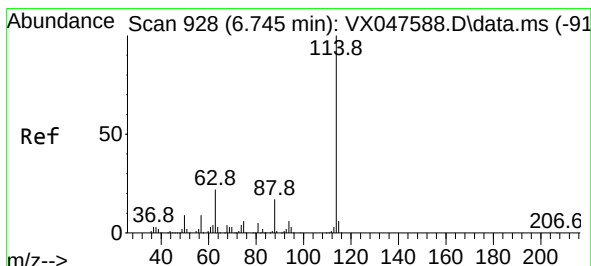
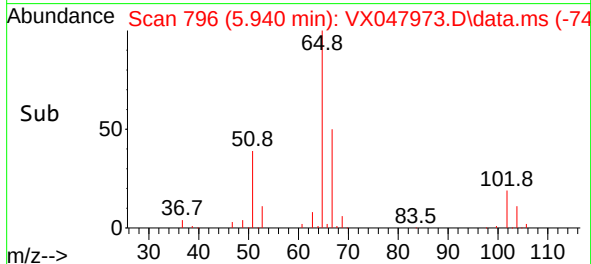
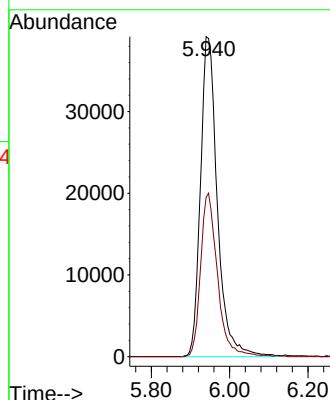
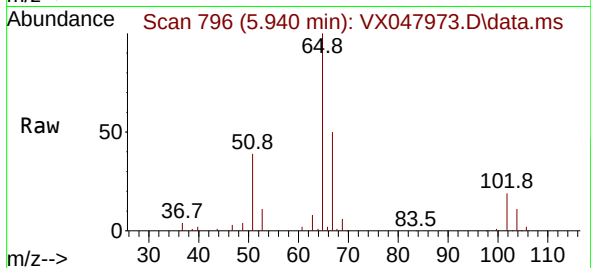
TT163S1-20250924

Tgt Ion: 65 Resp: 117448

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047973.D

Acq: 02 Oct 2025 16:54

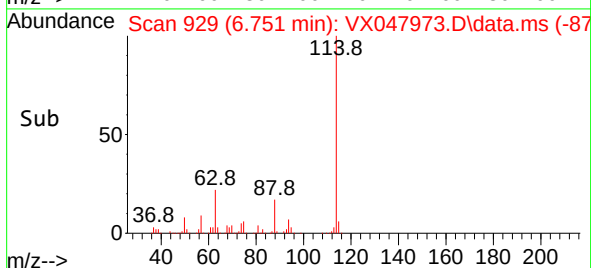
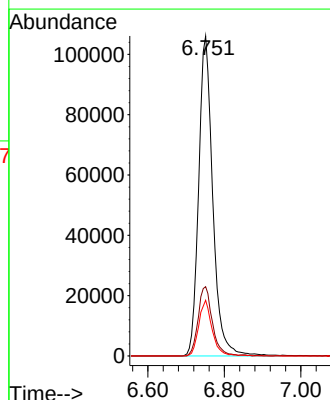
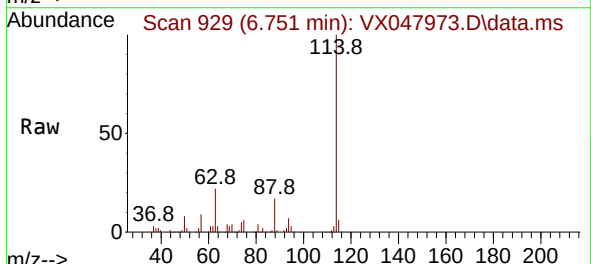
Tgt Ion: 114 Resp: 271295

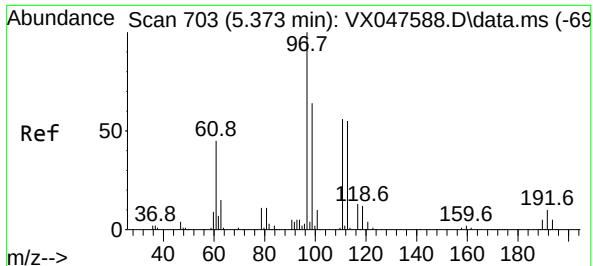
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 17.4 0.0 34.2

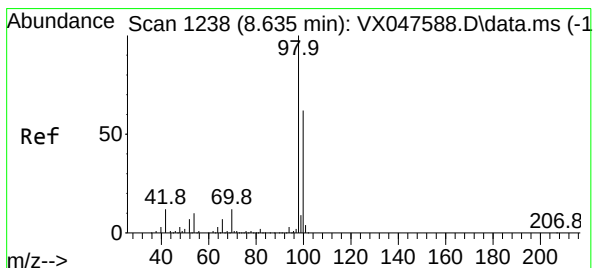
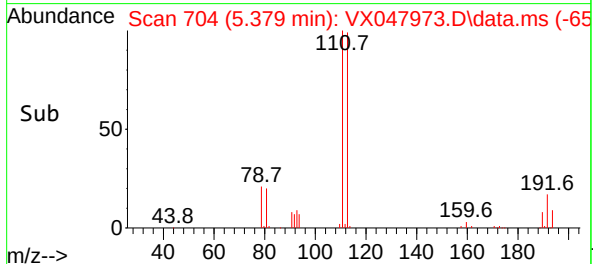
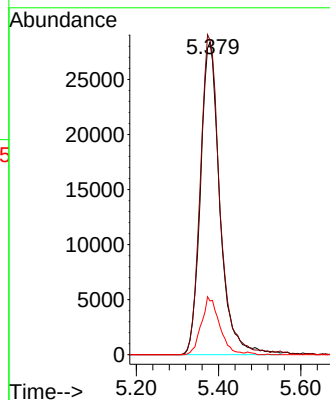
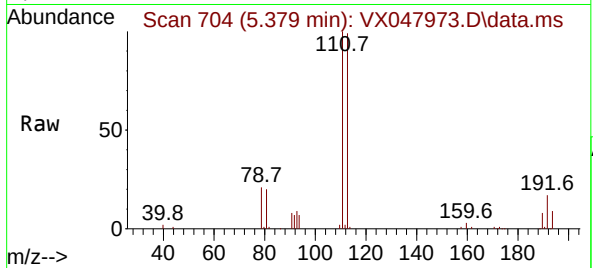




#35
Dibromofluoromethane
Concen: 51.029 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

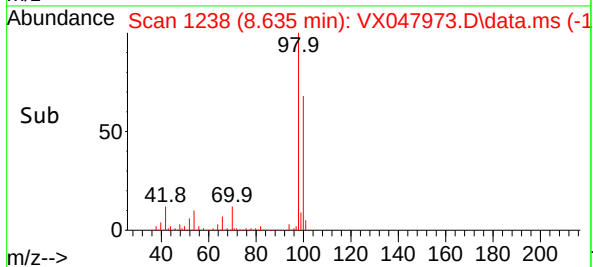
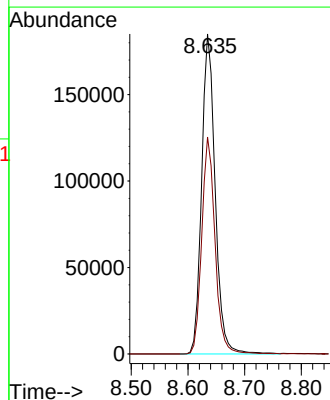
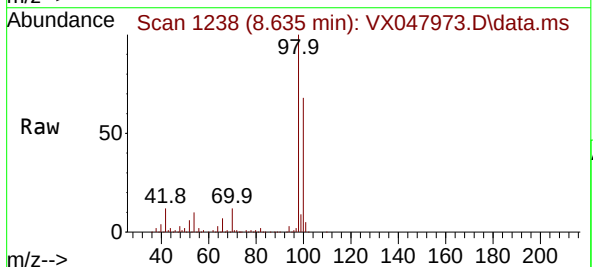
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

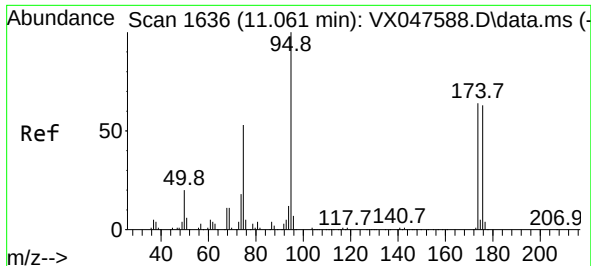
Tgt Ion:113 Resp: 92844
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 17.3 14.2 21.4



#50
Toluene-d8
Concen: 48.707 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion: 98 Resp: 306642
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

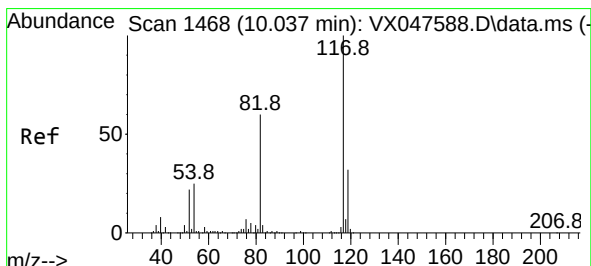
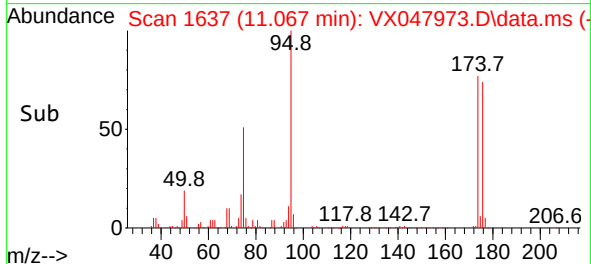
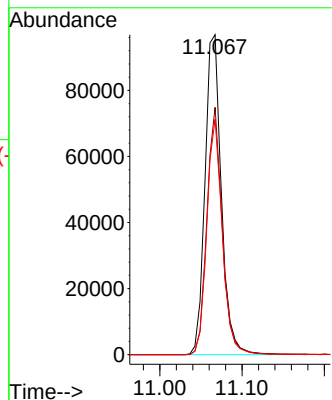
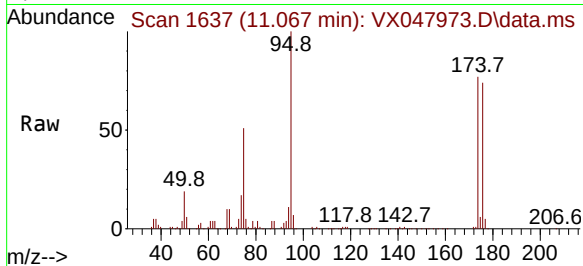




#62
4-Bromofluorobenzene
Concen: 56.027 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

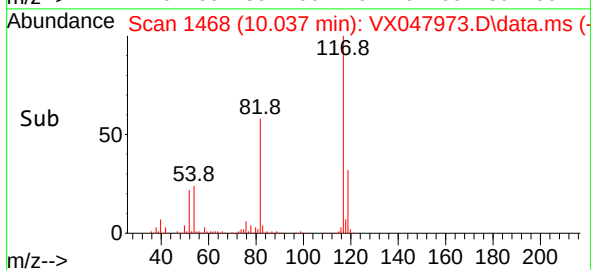
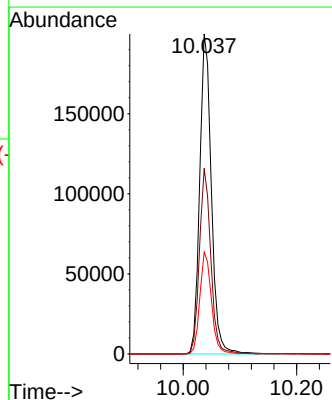
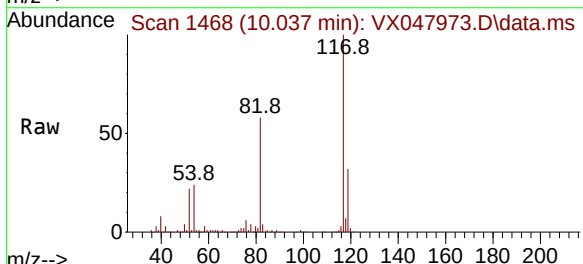
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

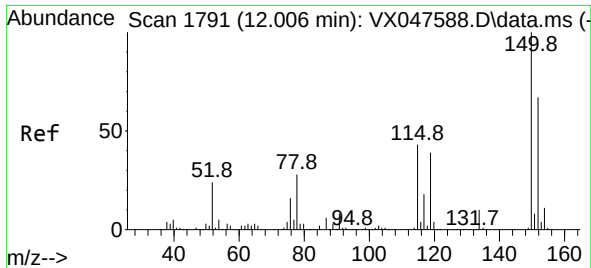
Tgt Ion: 95 Resp: 133867
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 69.8 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

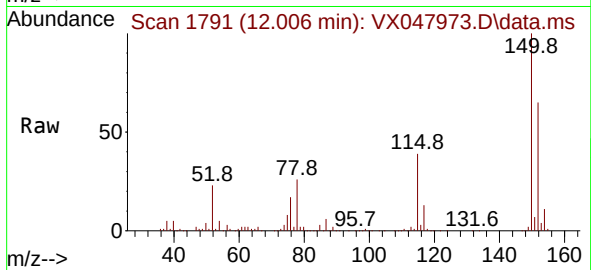
Tgt Ion: 117 Resp: 284714
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.6
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047973.D
 Acq: 02 Oct 2025 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20250924



Tgt Ion:152 Resp: 147498
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.9 134.5
 150 155.0 0.0 352.0

