

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048846.D
 Acq On : 12 Dec 2025 12:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 12 22:11:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

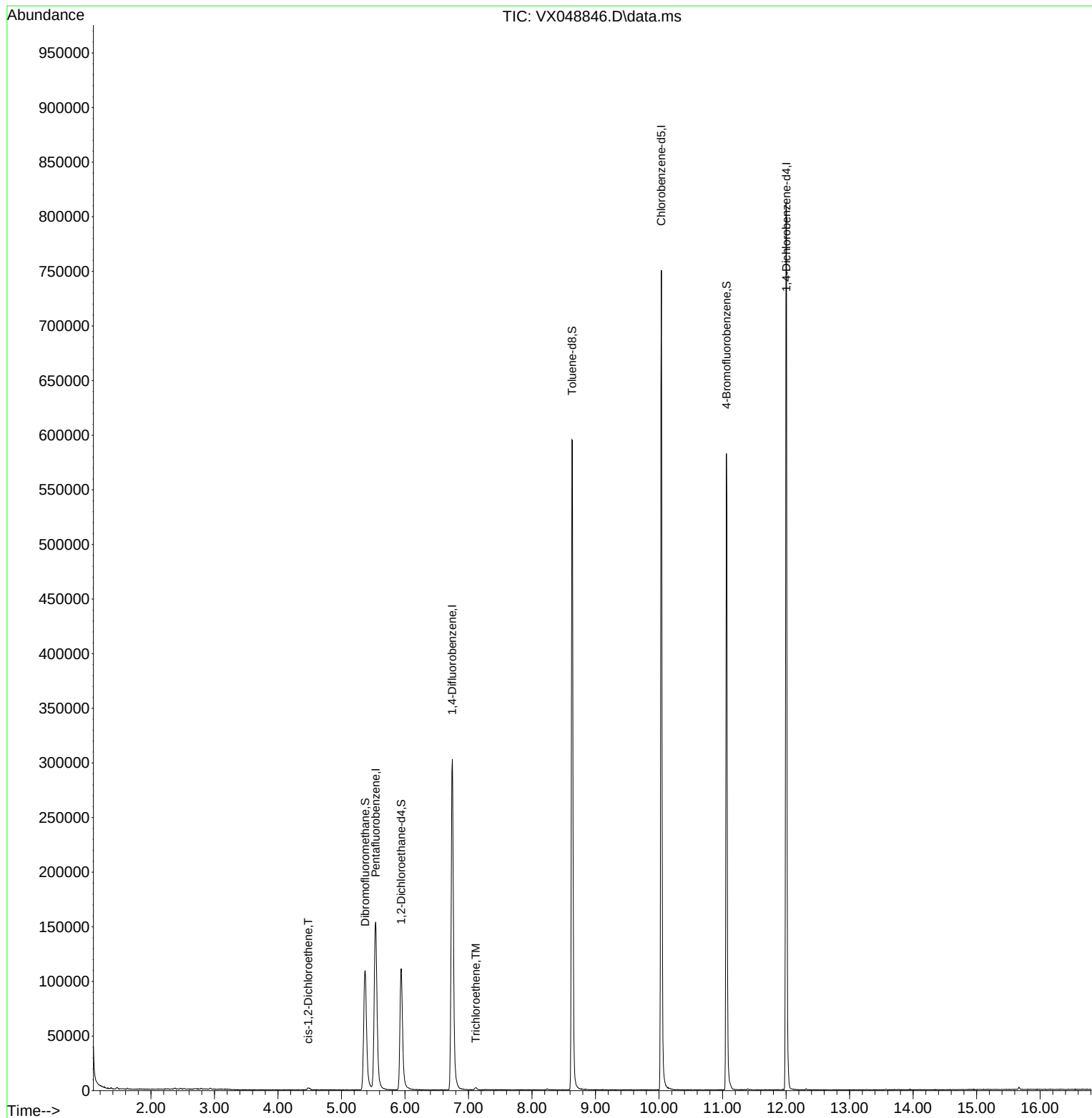
Internal Standards						
1) Pentafluorobenzene	5.538	168	161108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	337027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	361638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	186868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122499	56.650	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.300%
35) Dibromofluoromethane	5.373	113	109641	47.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.629	98	386814	47.553	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.100%
62) 4-Bromofluorobenzene	11.061	95	165924	59.154	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.300%
Target Compounds						
27) cis-1,2-Dichloroethene	4.477	96	1333	0.619	ug/l	98
44) Trichloroethene	7.117	130	896	0.364	ug/l	67

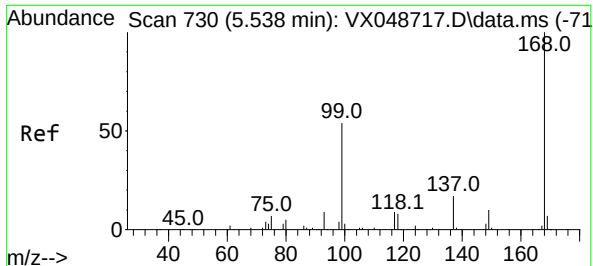
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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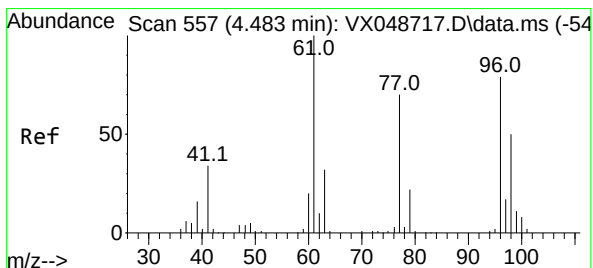
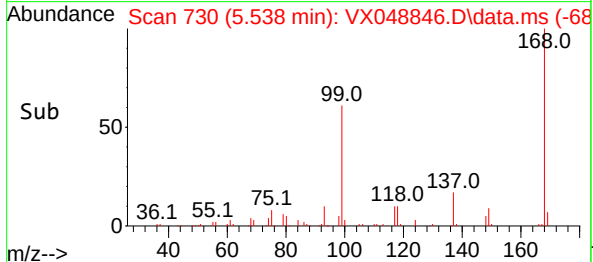
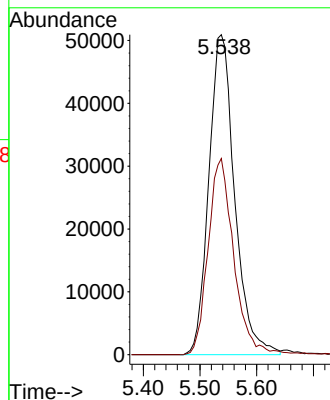
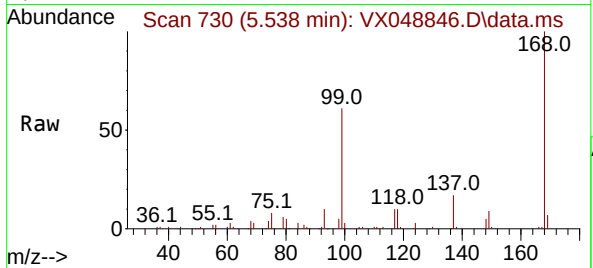




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048846.D
Acq: 12 Dec 2025 12:04

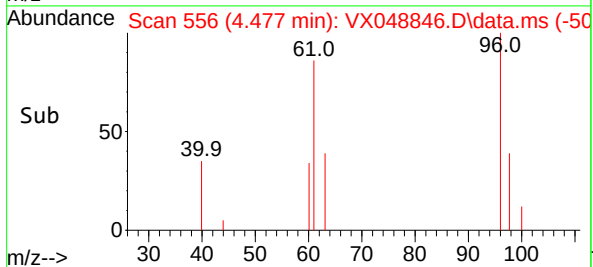
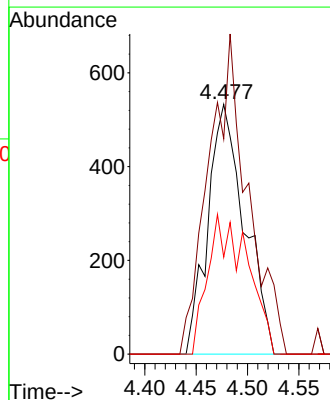
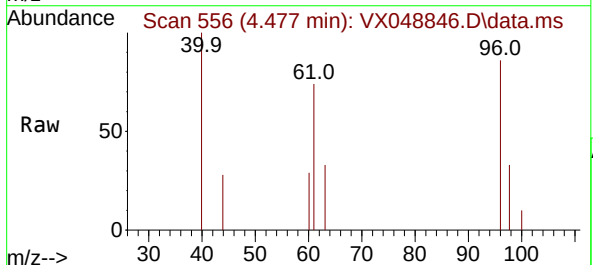
Instrument :
MSVOA_X
ClientSampleId :
IBLK

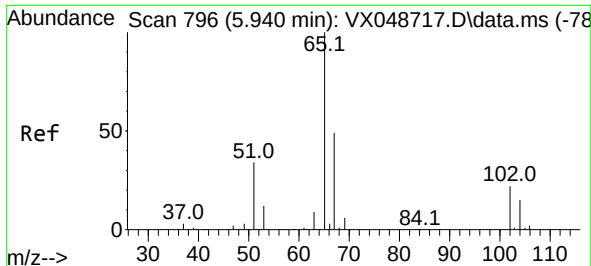
Tgt Ion:168 Resp: 161108
Ion Ratio Lower Upper
168 100
99 61.3 44.2 66.4



#27
cis-1,2-Dichloroethene
Concen: 0.619 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX048846.D
Acq: 12 Dec 2025 12:04

Tgt Ion: 96 Resp: 1333
Ion Ratio Lower Upper
96 100
61 135.3 0.0 271.0
98 60.0 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 56.650 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048846.D

Acq: 12 Dec 2025 12:04

Instrument :

MSVOA_X

ClientSampleId :

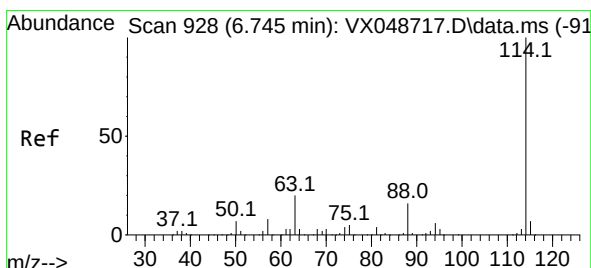
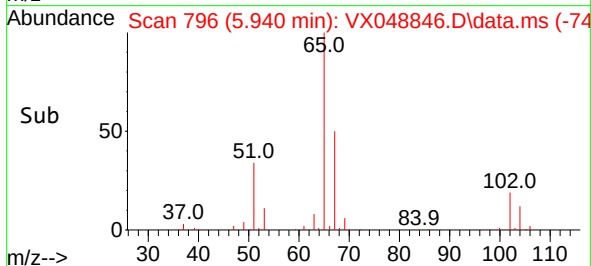
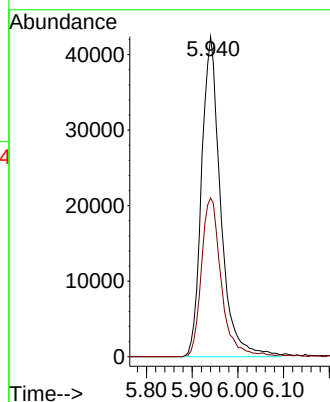
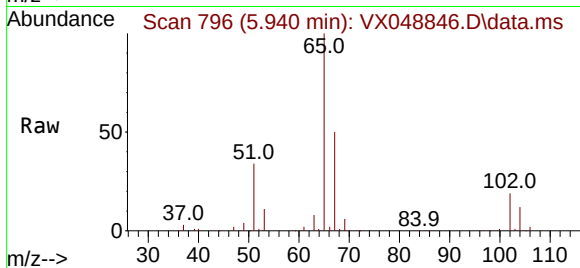
IBLK

Tgt Ion: 65 Resp: 122499

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048846.D

Acq: 12 Dec 2025 12:04

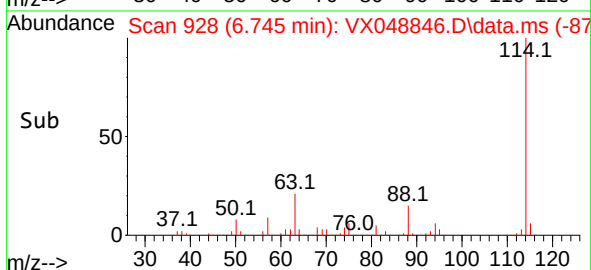
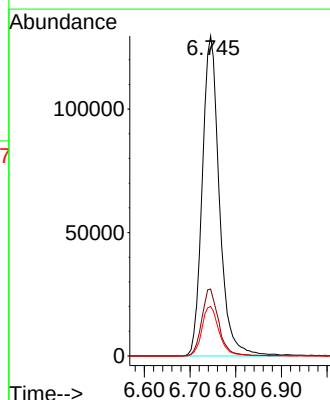
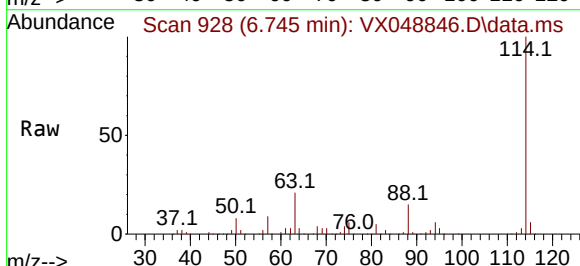
Tgt Ion: 114 Resp: 337027

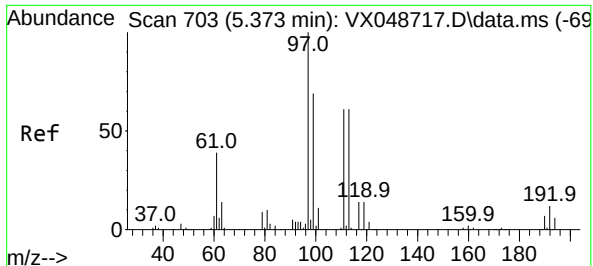
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

88 15.4 0.0 31.8

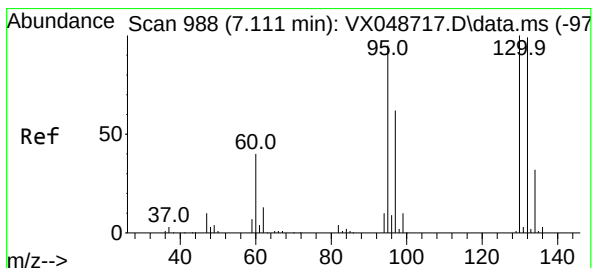
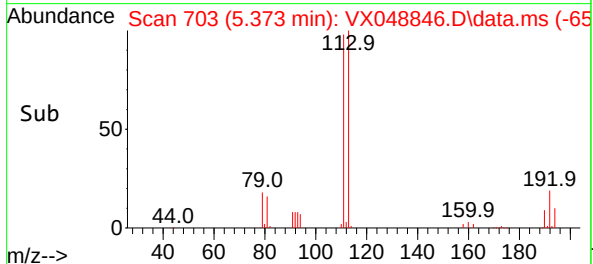
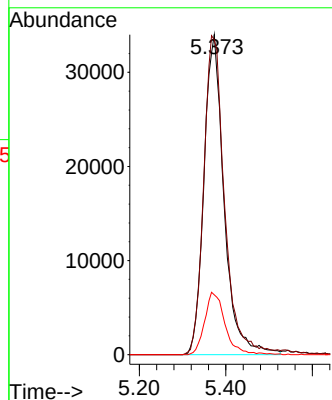
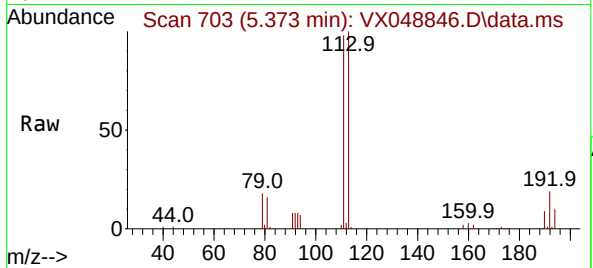




#35
Dibromofluoromethane
Concen: 47.248 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048846.D
Acq: 12 Dec 2025 12:04

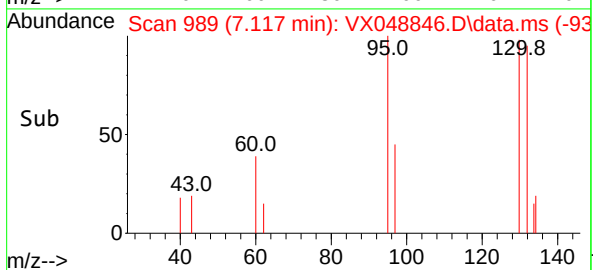
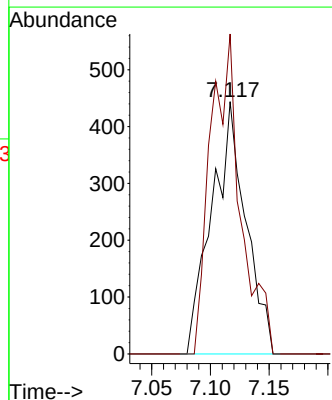
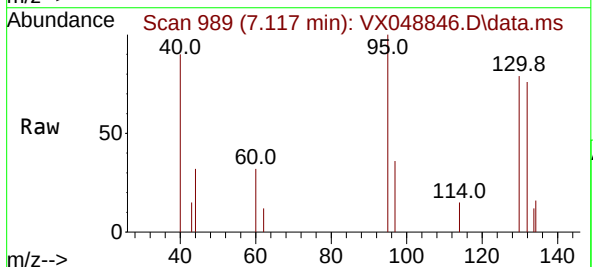
Instrument :
MSVOA_X
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IBLK

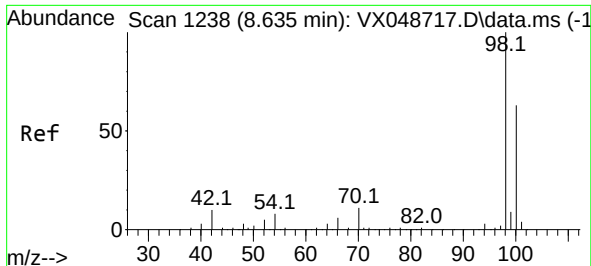
Tgt Ion:113 Resp: 109641
Ion Ratio Lower Upper
113 100
111 103.2 79.5 119.3
192 19.9 16.1 24.1



#44
Trichloroethene
Concen: 0.364 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048846.D
Acq: 12 Dec 2025 12:04

Tgt Ion:130 Resp: 896
Ion Ratio Lower Upper
130 100
95 126.8 0.0 189.6

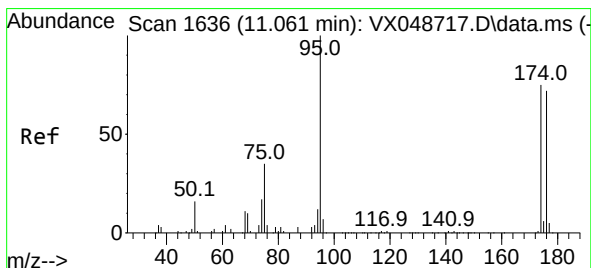
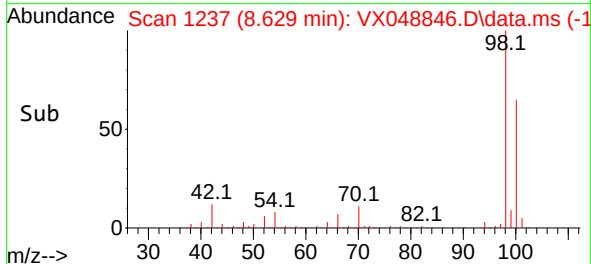
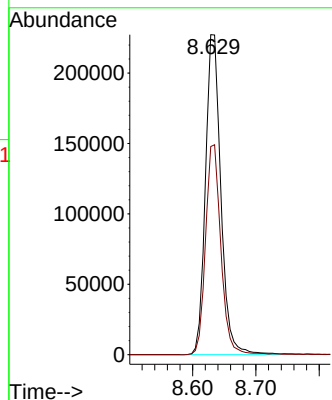
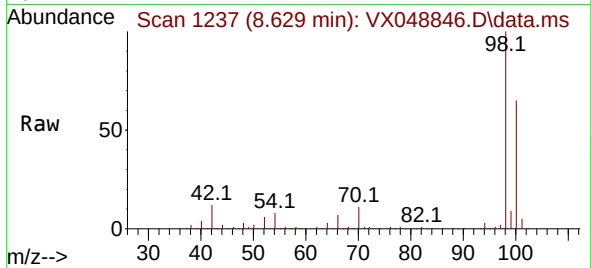




#50
Toluene-d8
Concen: 47.553 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048846.D
Acq: 12 Dec 2025 12:04

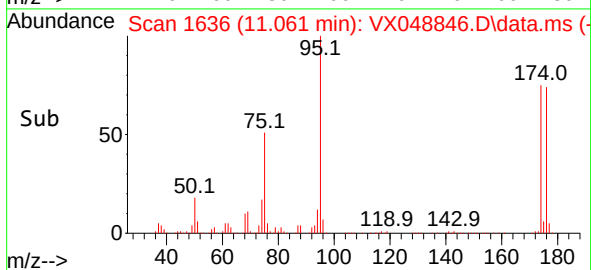
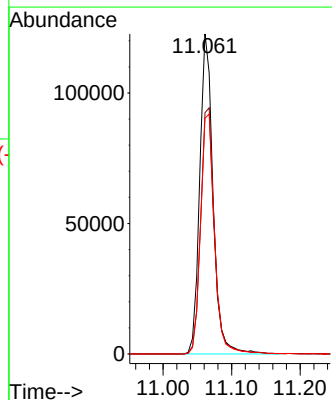
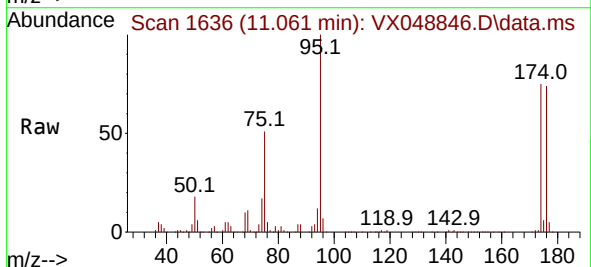
Instrument :
MSVOA_X
ClientSampleId :
IBLK

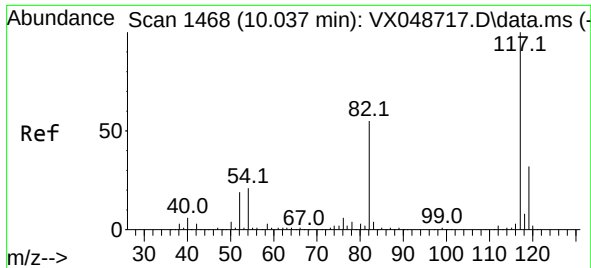
Tgt Ion: 98 Resp: 386814
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 59.154 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048846.D
Acq: 12 Dec 2025 12:04

Tgt Ion: 95 Resp: 165924
Ion Ratio Lower Upper
95 100
174 79.7 0.0 157.8
176 78.5 0.0 154.0

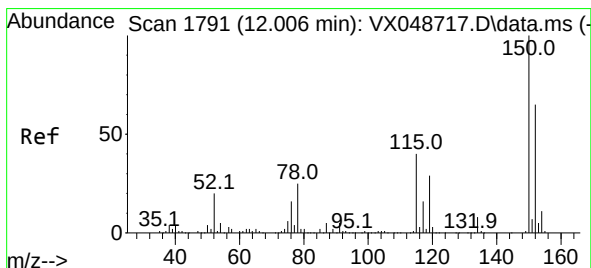
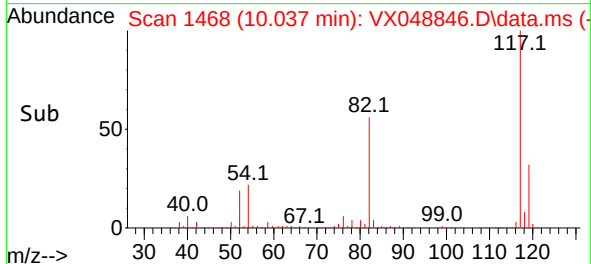
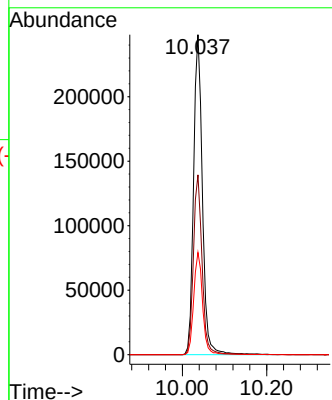
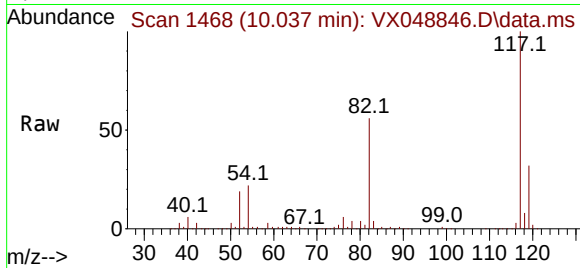




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048846.D
Acq: 12 Dec 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 361638
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048846.D
Acq: 12 Dec 2025 12:04

Tgt Ion:152 Resp: 186868
Ion Ratio Lower Upper
152 100
115 59.5 42.1 126.4
150 156.8 0.0 347.8

