

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046596.D
 Acq On : 10 Jun 2025 12:51
 Operator : JC/MD
 Sample : Q2233-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-060425DL

Quant Time: Jun 11 01:46:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

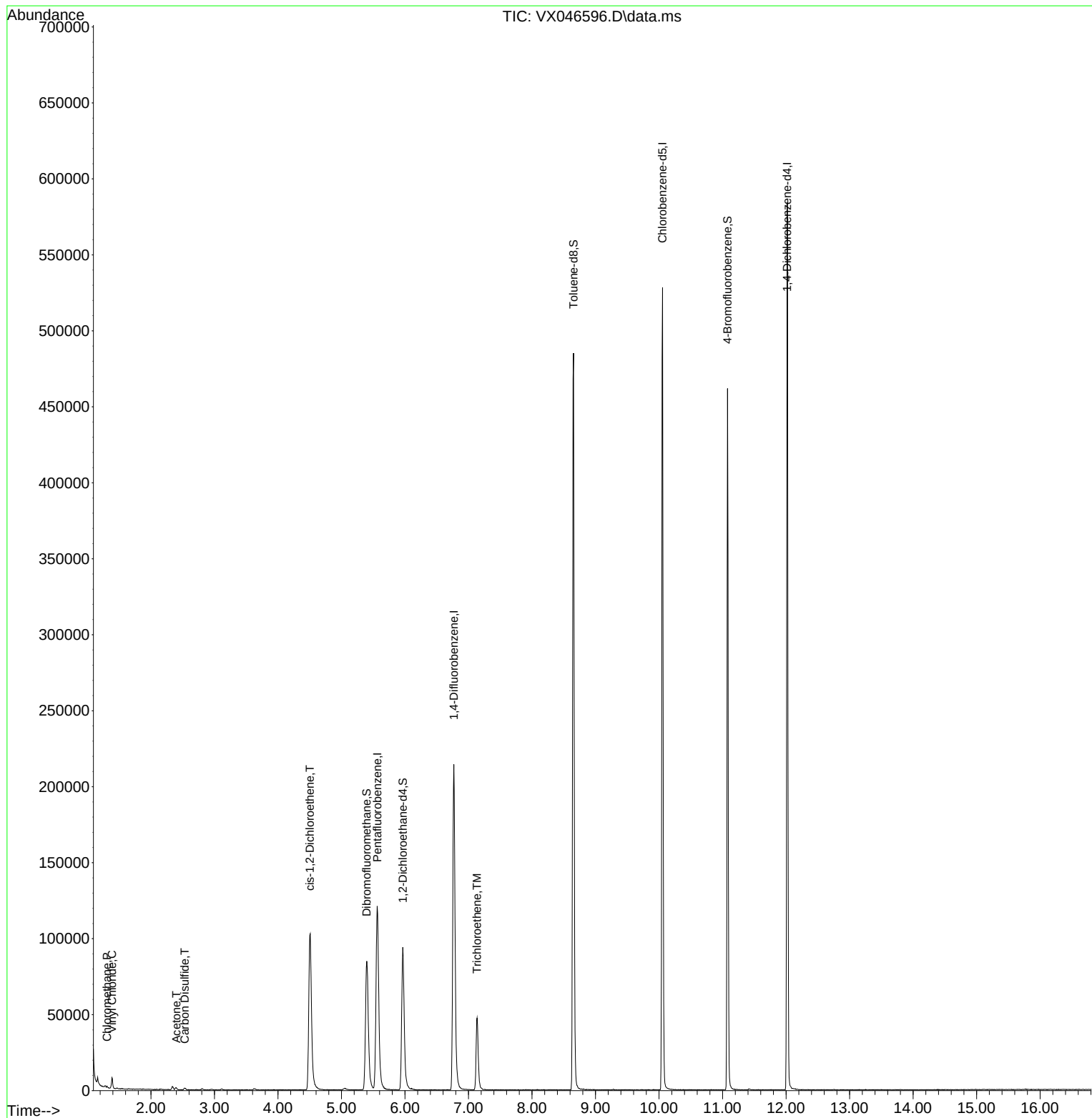
Internal Standards						
1) Pentafluorobenzene	5.562	168	113282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	219800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97673	48.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.920%
35) Dibromofluoromethane	5.397	113	80813	49.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.000%
50) Toluene-d8	8.653	98	290211	54.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.920%
62) 4-Bromofluorobenzene	11.079	95	121540	55.123	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.240%
Target Compounds						Qvalue
3) Chloromethane	1.307	50	651	0.455	ug/l	99
4) Vinyl Chloride	1.386	62	4768	3.341	ug/l	97
16) Acetone	2.398	43	1914	6.968	ug/l	98
17) Carbon Disulfide	2.532	76	1157	0.606	ug/l #	84
27) cis-1,2-Dichloroethene	4.501	96	70421	40.192	ug/l	86
44) Trichloroethene	7.135	130	19008	11.509	ug/l	96

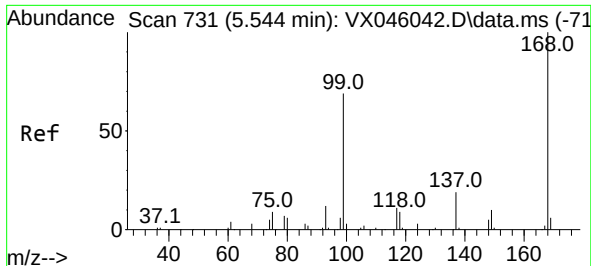
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

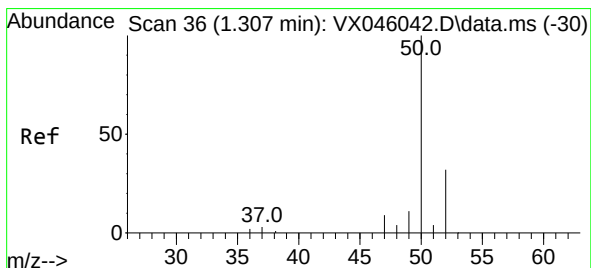
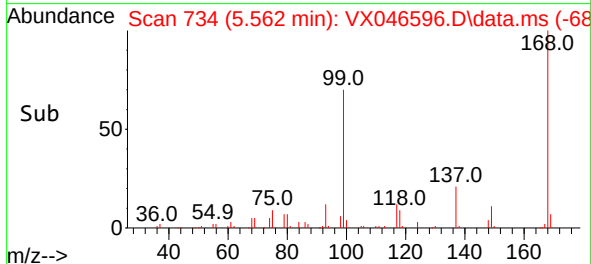
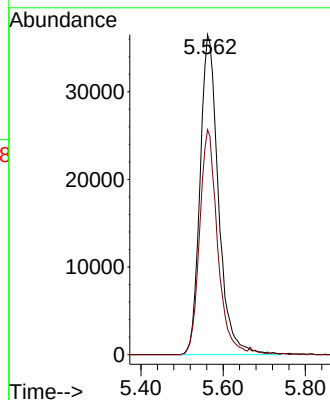
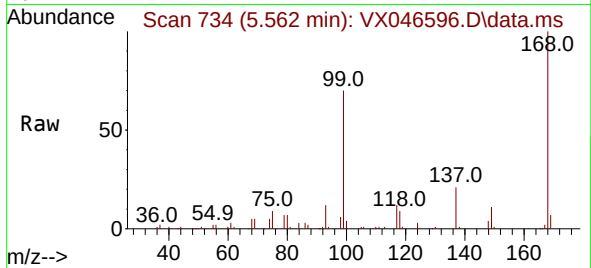




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

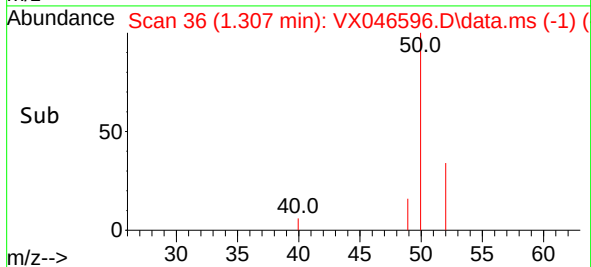
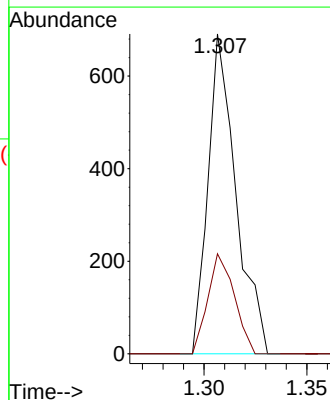
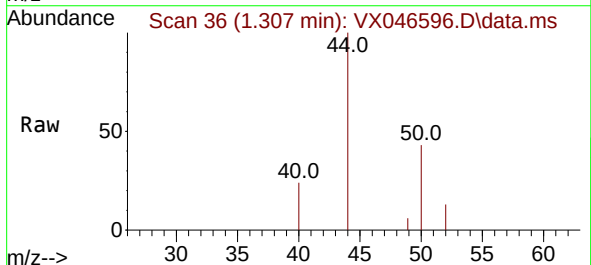
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

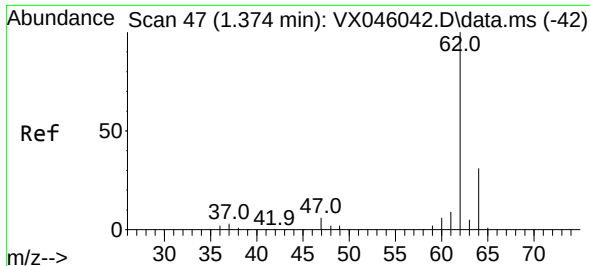
Tgt Ion:168 Resp: 113282
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#3
Chloromethane
Concen: 0.455 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 50 Resp: 651
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2

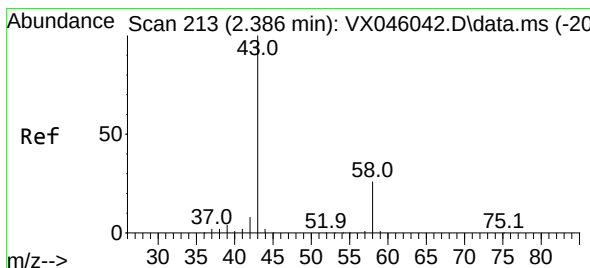
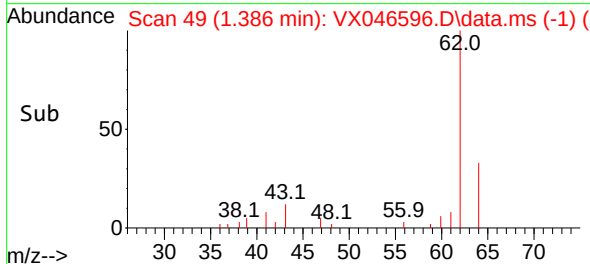
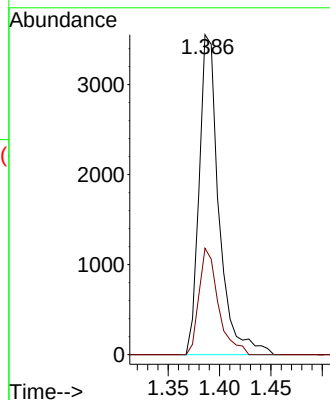
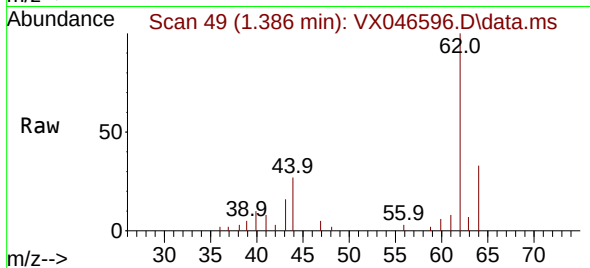




#4
 Vinyl Chloride
 Concen: 3.341 ug/l
 RT: 1.386 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: VX046596.D
 Acq: 10 Jun 2025 12:51

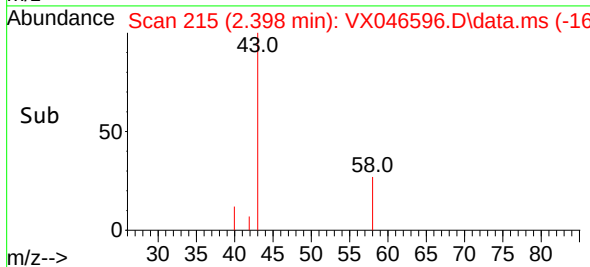
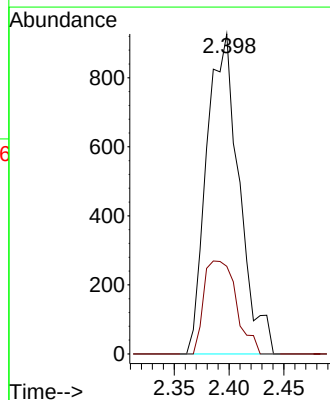
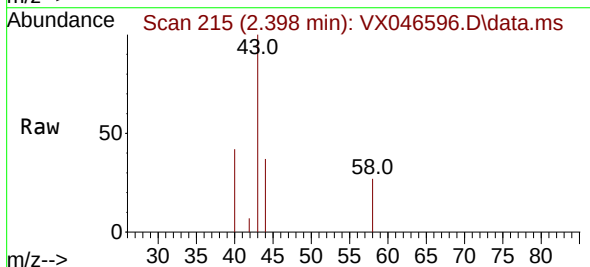
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-060425DL

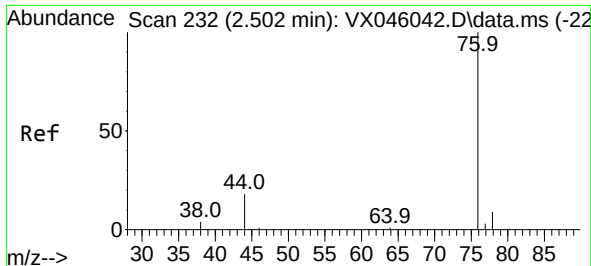
Tgt Ion: 62 Resp: 4768
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.2 37.8



#16
 Acetone
 Concen: 6.968 ug/l
 RT: 2.398 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VX046596.D
 Acq: 10 Jun 2025 12:51

Tgt Ion: 43 Resp: 1914
 Ion Ratio Lower Upper
 43 100
 58 27.4 21.2 31.8





#17

Carbon Disulfide

Concen: 0.606 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046596.D

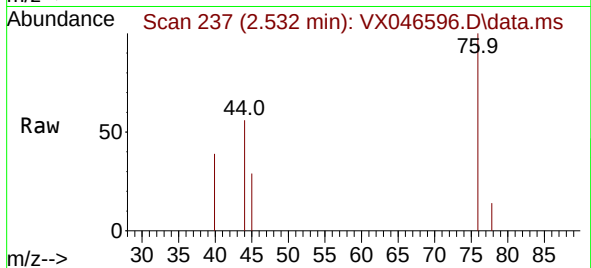
Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-060425DL

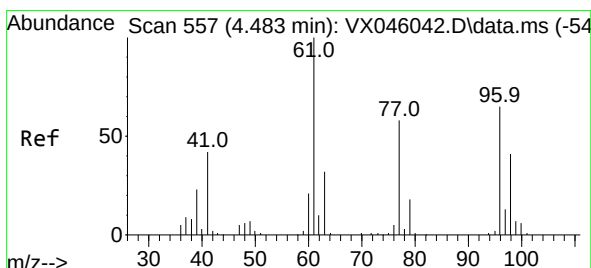
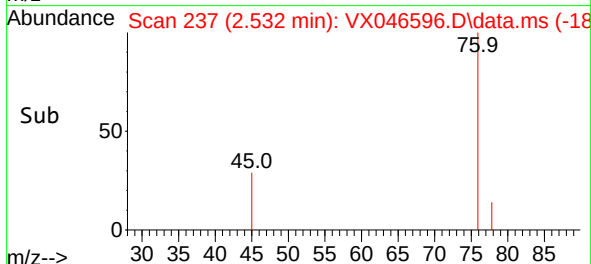
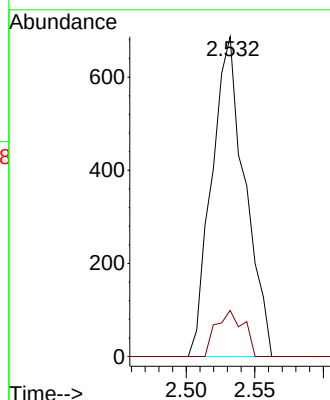


Tgt Ion: 76 Resp: 1157

Ion Ratio Lower Upper

76 100

78 14.4 7.0 10.4#



#27

cis-1,2-Dichloroethene

Concen: 40.192 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.006 min

Lab File: VX046596.D

Acq: 10 Jun 2025 12:51

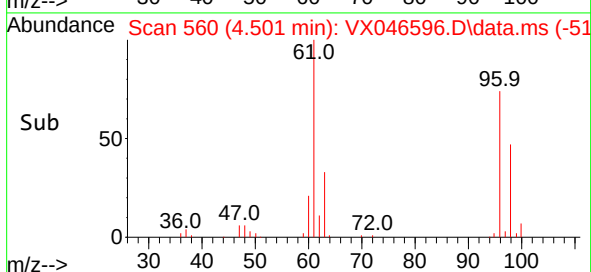
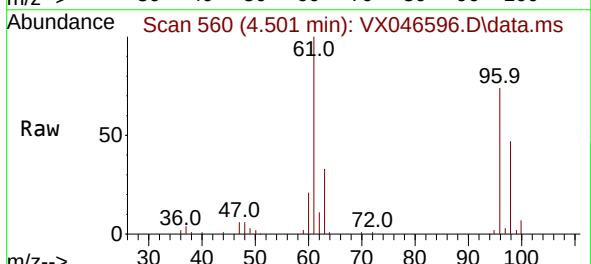
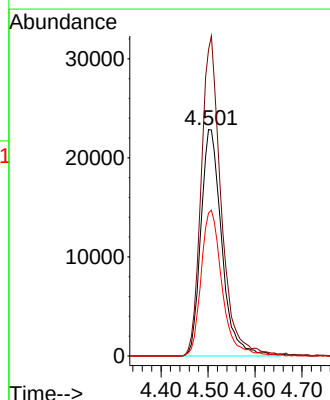
Tgt Ion: 96 Resp: 70421

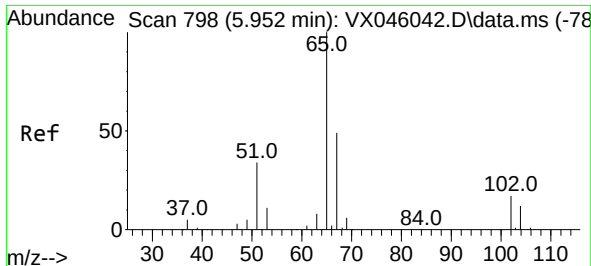
Ion Ratio Lower Upper

96 100

61 135.0 0.0 322.8

98 64.1 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 48.463 ug/l

RT: 5.964 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX046596.D

Acq: 10 Jun 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

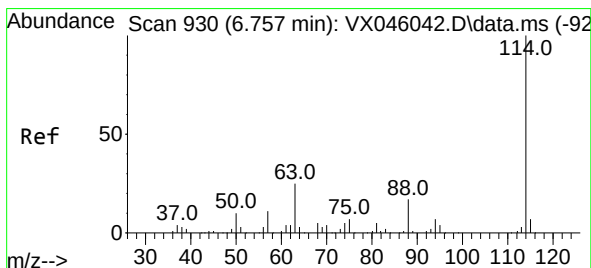
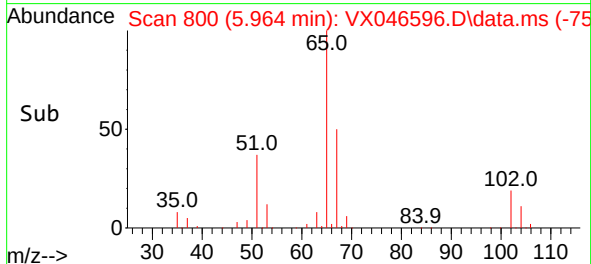
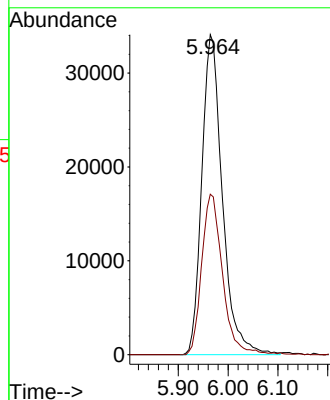
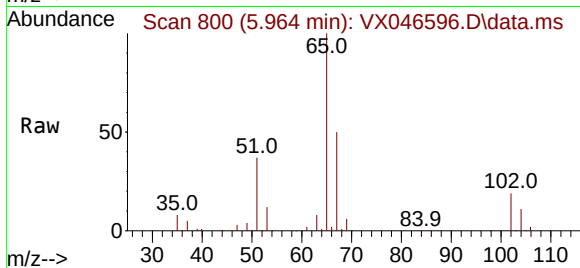
MW-18B-56-060425DL

Tgt Ion: 65 Resp: 97673

Ion Ratio Lower Upper

65 100

67 50.8 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046596.D

Acq: 10 Jun 2025 12:51

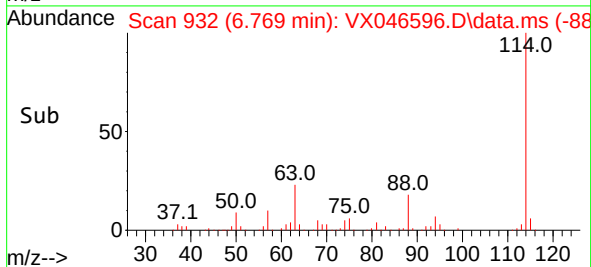
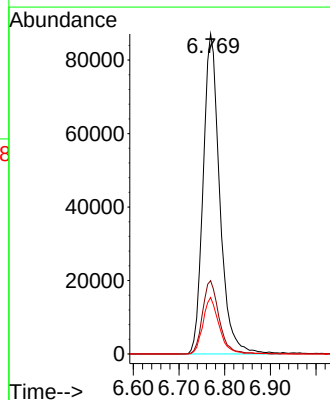
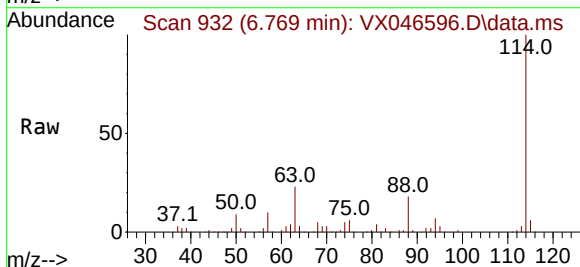
Tgt Ion: 114 Resp: 219800

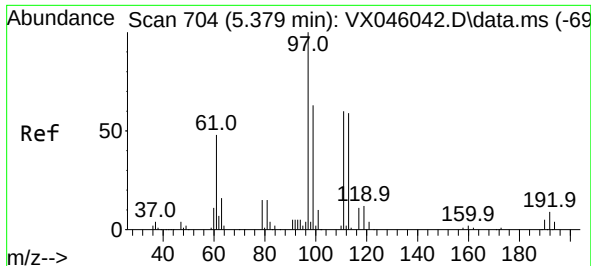
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.2

88 17.7 0.0 33.6

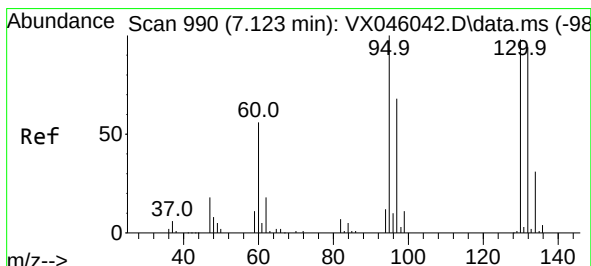
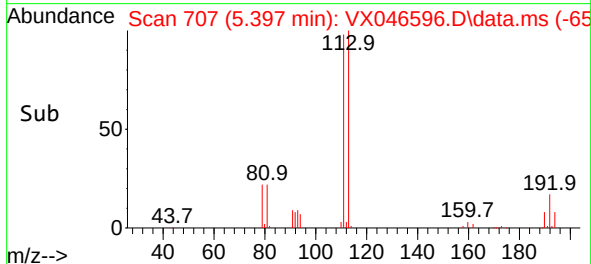
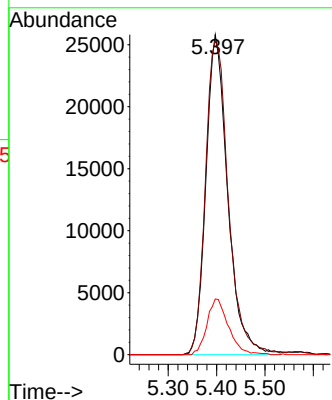
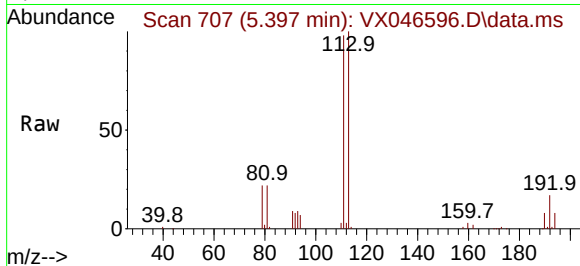




#35
 Dibromofluoromethane
 Concen: 49.996 ug/l
 RT: 5.397 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX046596.D
 Acq: 10 Jun 2025 12:51

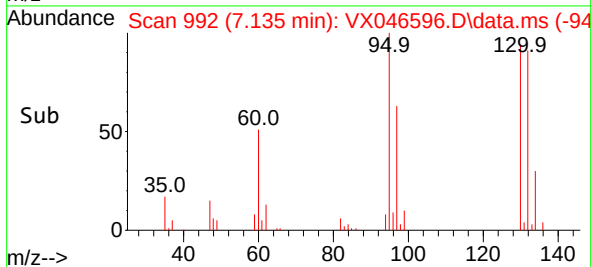
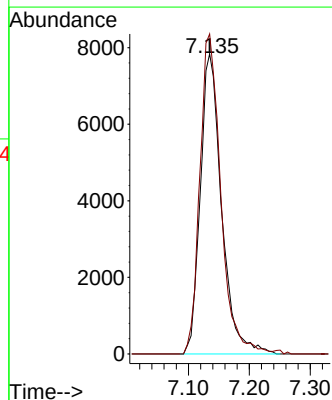
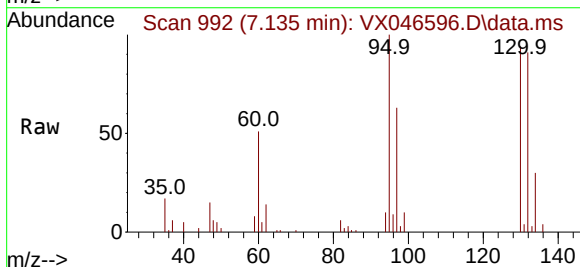
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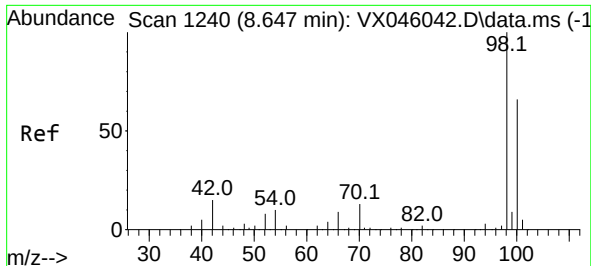
Tgt Ion:113 Resp: 80813
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.1 124.7
 192 17.2 13.3 19.9



#44
 Trichloroethene
 Concen: 11.509 ug/l
 RT: 7.135 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VX046596.D
 Acq: 10 Jun 2025 12:51

Tgt Ion:130 Resp: 19008
 Ion Ratio Lower Upper
 130 100
 95 106.6 0.0 204.2

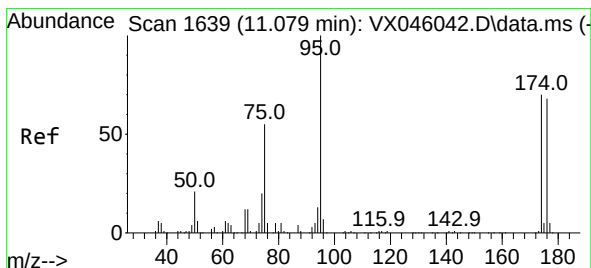
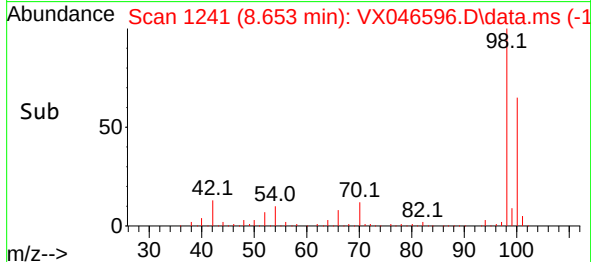
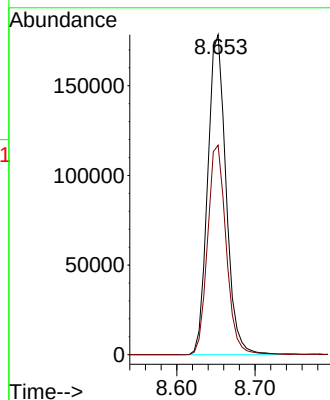
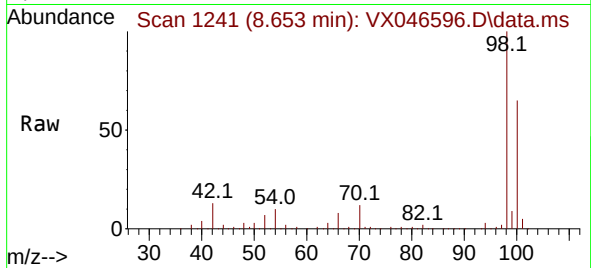




#50
Toluene-d8
Concen: 54.458 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

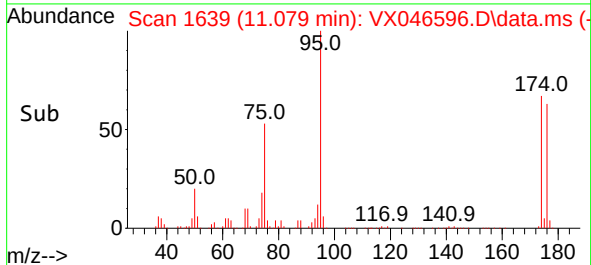
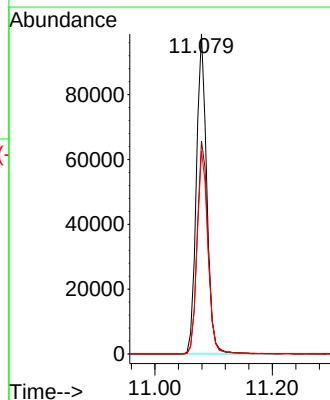
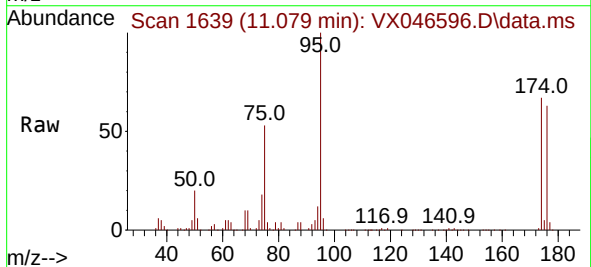
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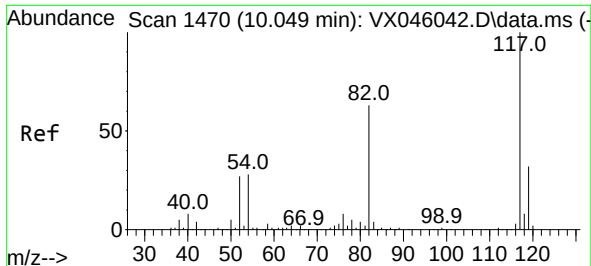
Tgt Ion: 98 Resp: 290211
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion: 95 Resp: 121540
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.8
176 65.6 0.0 131.4

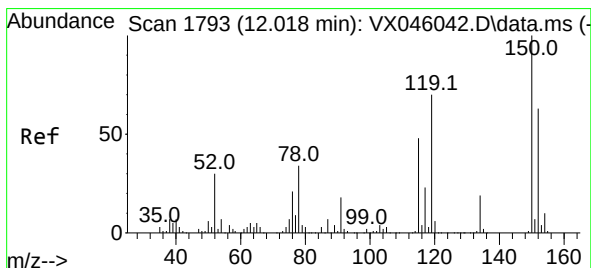
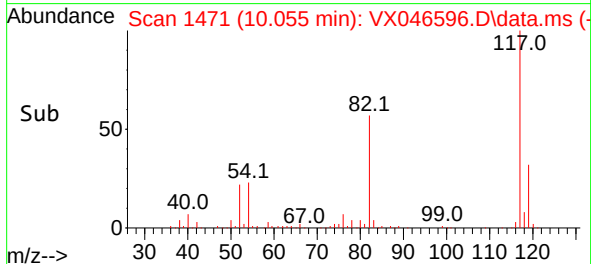
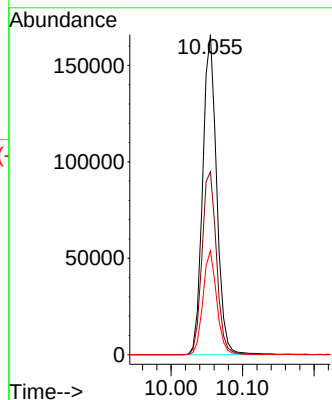
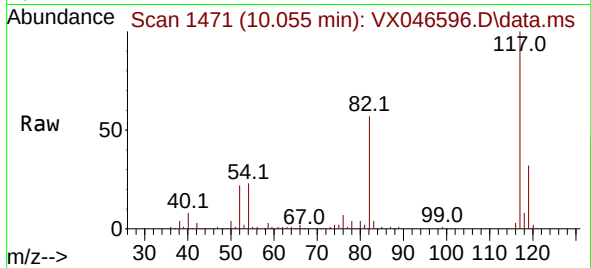




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425DL

Tgt Ion:117 Resp: 225853
Ion Ratio Lower Upper
117 100
82 57.2 50.6 76.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046596.D
Acq: 10 Jun 2025 12:51

Tgt Ion:152 Resp: 112325
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 156.1 0.0 351.0

