

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046611.D
 Acq On : 10 Jun 2025 18:11
 Operator : JC/MD
 Sample : Q2234-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-060425

Quant Time: Jun 11 01:53:50 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)

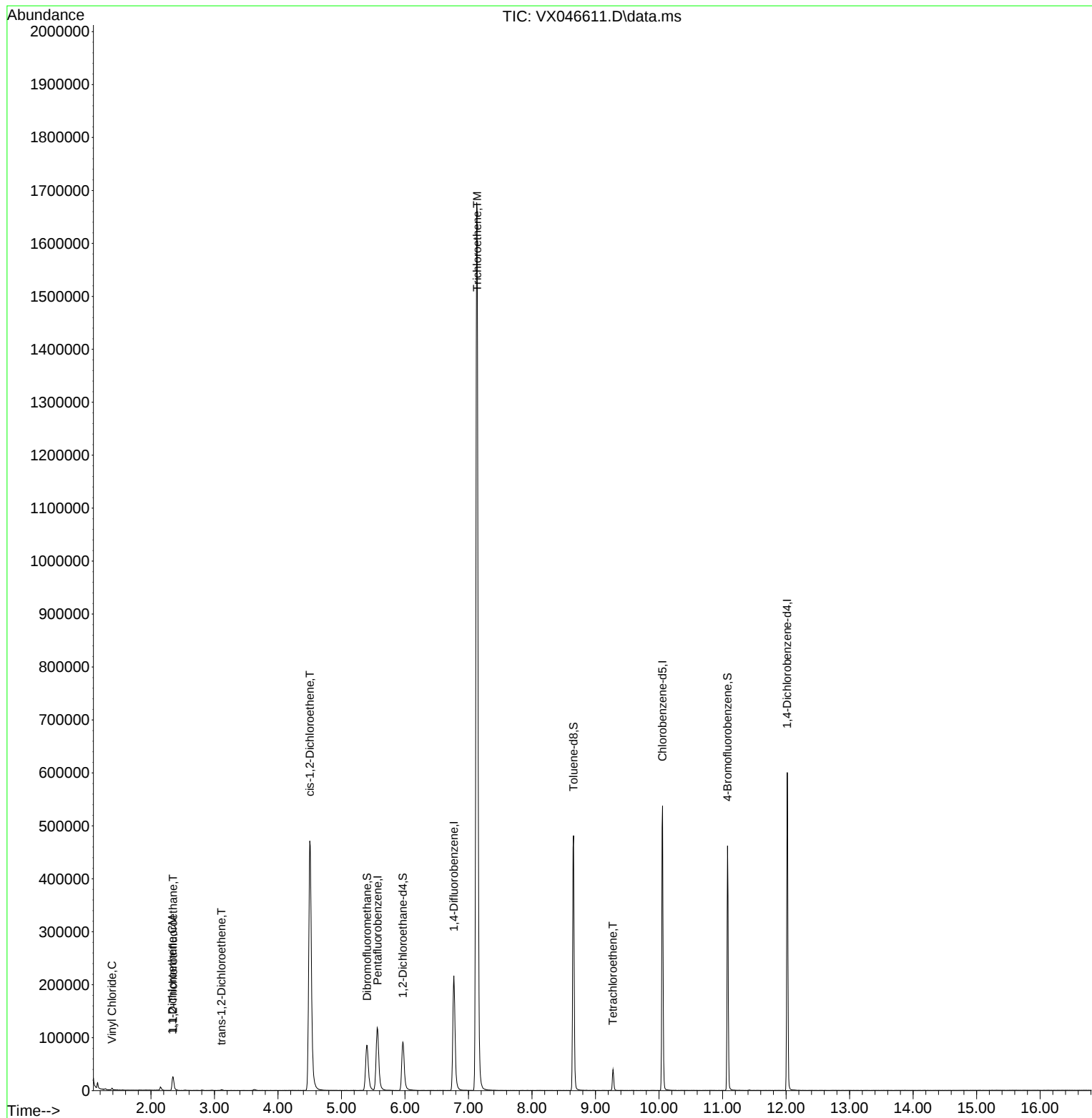
Internal Standards						
1) Pentafluorobenzene	5.568	168	110890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99959	50.667	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.340%	
35) Dibromofluoromethane	5.404	113	81202	50.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.100%	
50) Toluene-d8	8.653	98	287387	53.729	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	11.079	95	123534	55.820	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.640%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.386	62	1884	1.349	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	8884	6.101	ug/l	93
12) 1,1-Dichloroethene	2.337	96	3540	2.689	ug/l	85
21) trans-1,2-Dichloroethene	3.111	96	604	0.434	ug/l #	75
27) cis-1,2-Dichloroethene	4.501	96	317398	185.057	ug/l	86
44) Trichloroethene	7.135	130	662594	399.712	ug/l	97
64) Tetrachloroethene	9.275	164	7455	4.909	ug/l	88

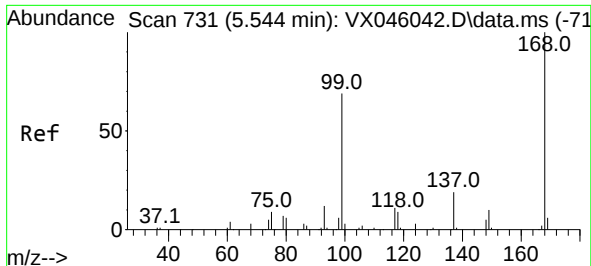
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
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Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

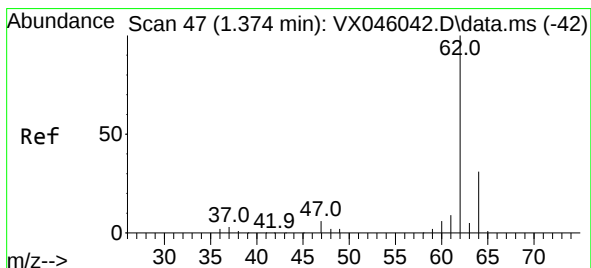
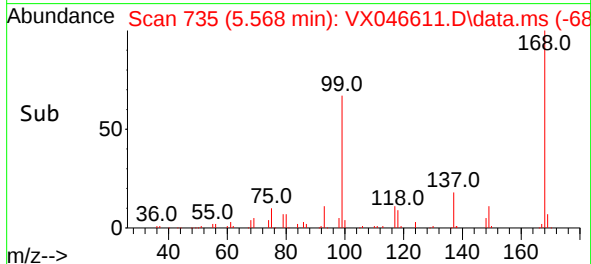
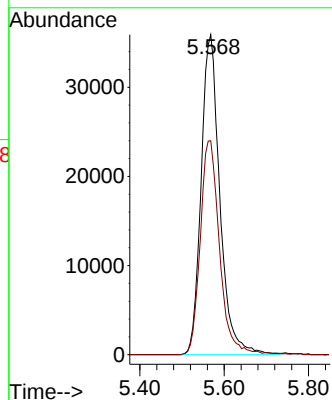
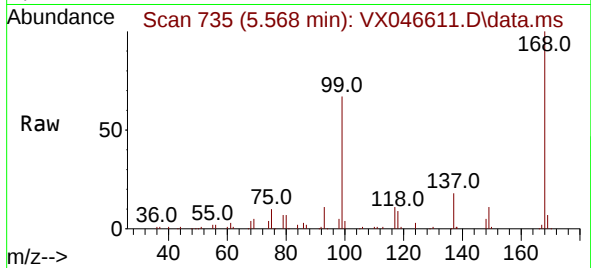




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

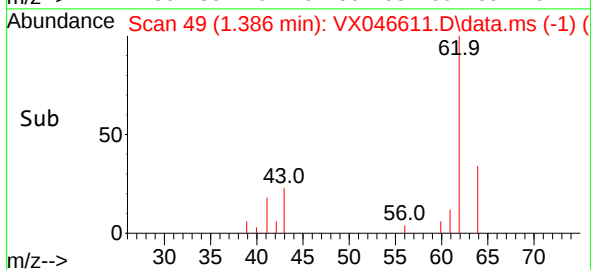
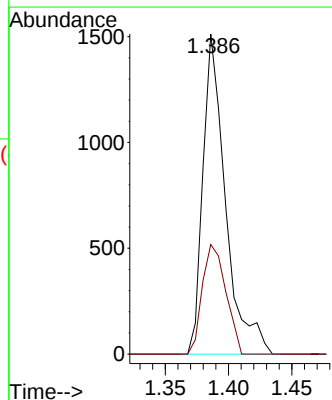
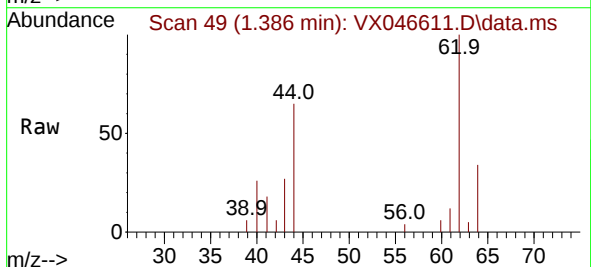
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

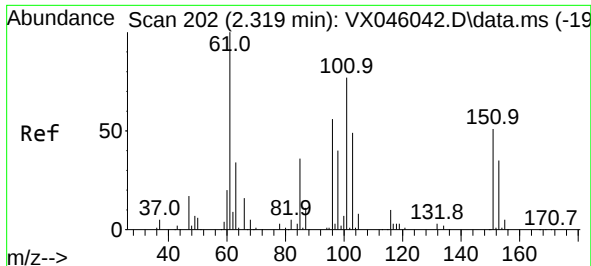
Tgt Ion:168 Resp: 110890
Ion Ratio Lower Upper
168 100
99 66.9 54.9 82.3



#4
Vinyl Chloride
Concen: 1.349 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion: 62 Resp: 1884
Ion Ratio Lower Upper
62 100
64 34.2 25.2 37.8

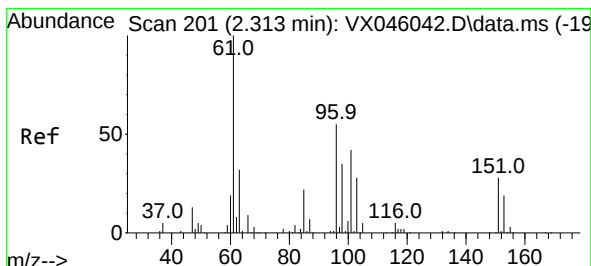
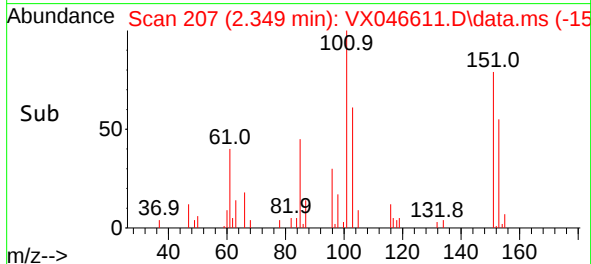
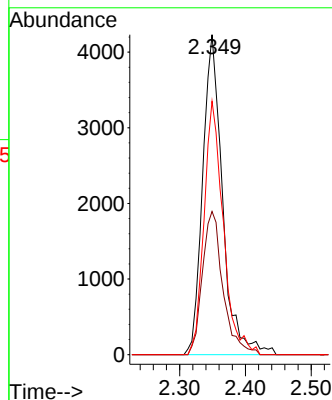
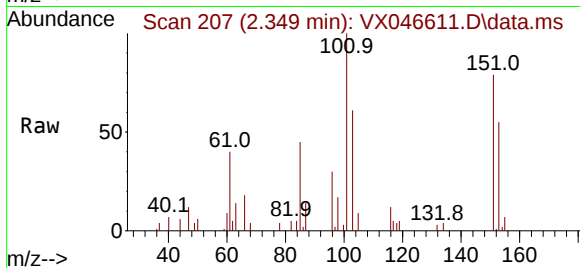




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.101 ug/l
RT: 2.349 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

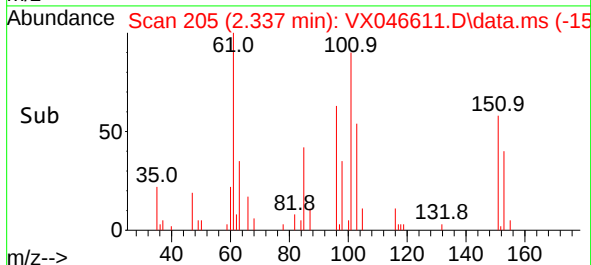
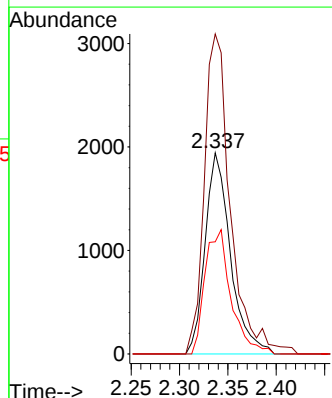
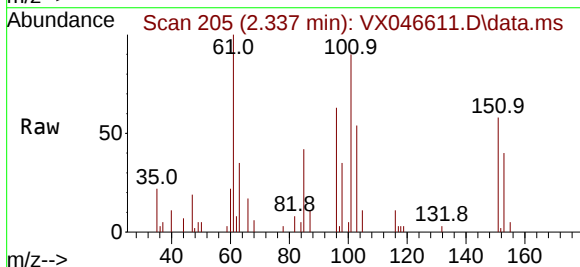
Instrument :
MSVOA_X
ClientSampleId :
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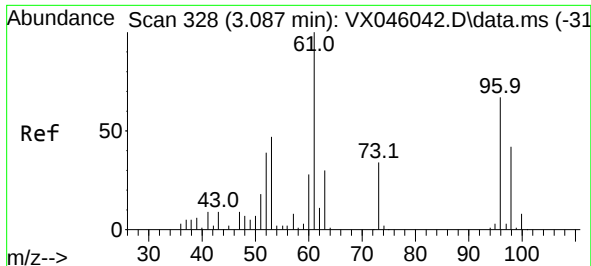
Tgt Ion:101 Resp: 8884
Ion Ratio Lower Upper
101 100
85 46.3 38.6 58.0
151 76.7 55.2 82.8



#12
1,1-Dichloroethene
Concen: 2.689 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion: 96 Resp: 3540
Ion Ratio Lower Upper
96 100
61 159.1 146.2 219.2
98 55.7 51.0 76.6

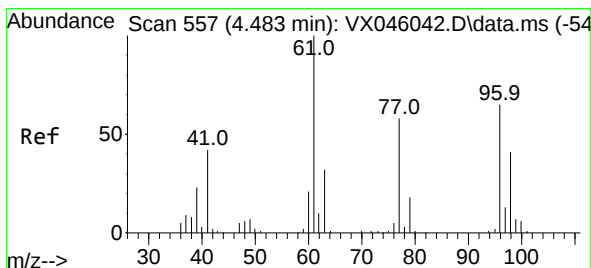
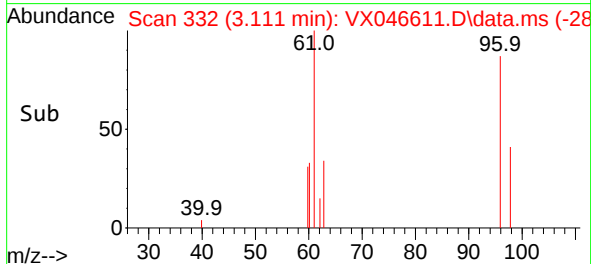
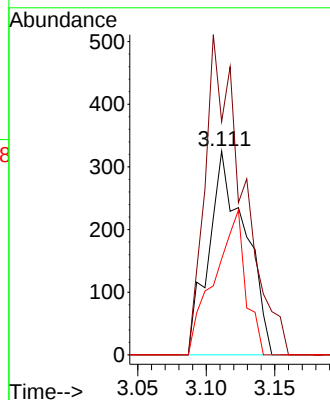
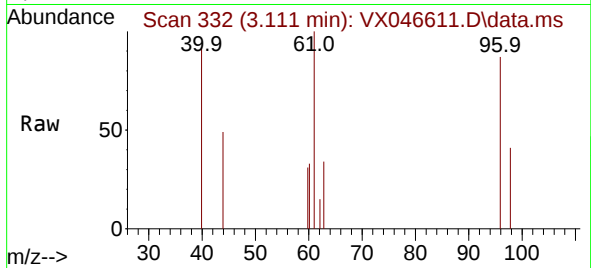




#21
trans-1,2-Dichloroethene
Concen: 0.434 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

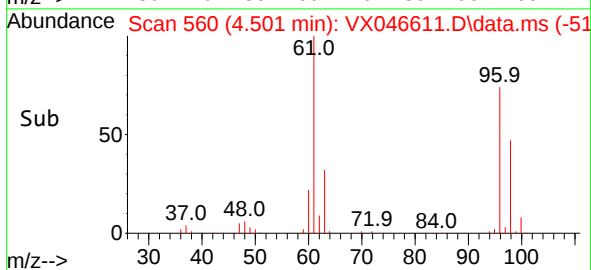
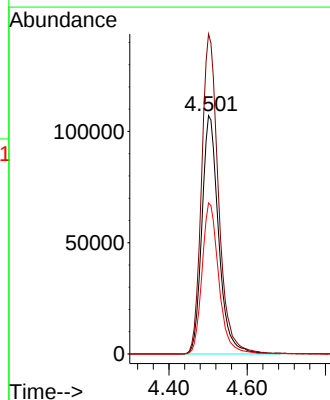
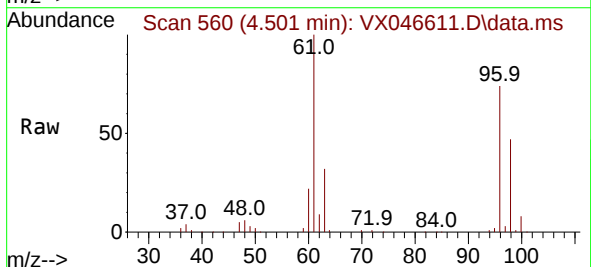
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

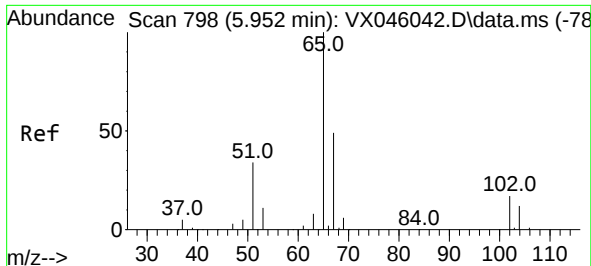
Tgt Ion: 96 Resp: 604
Ion Ratio Lower Upper
96 100
61 114.5 119.5 179.3#
98 47.1 50.0 75.0#



#27
cis-1,2-Dichloroethene
Concen: 185.057 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion: 96 Resp: 317398
Ion Ratio Lower Upper
96 100
61 135.3 0.0 322.8
98 63.6 0.0 129.0

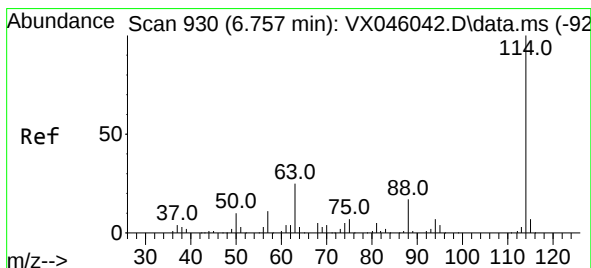
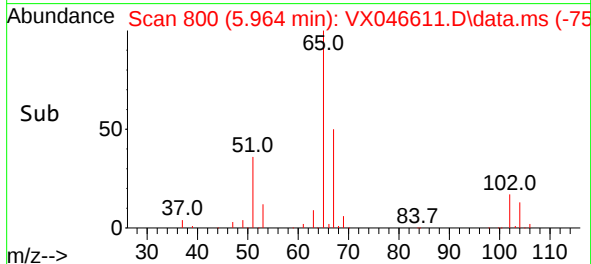
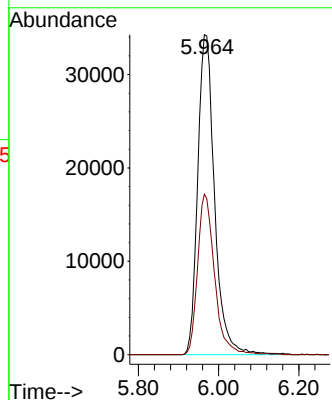
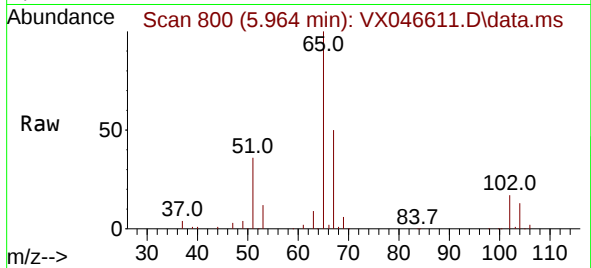




#33
 1,2-Dichloroethane-d4
 Concen: 50.667 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: VX046611.D
 Acq: 10 Jun 2025 18:11

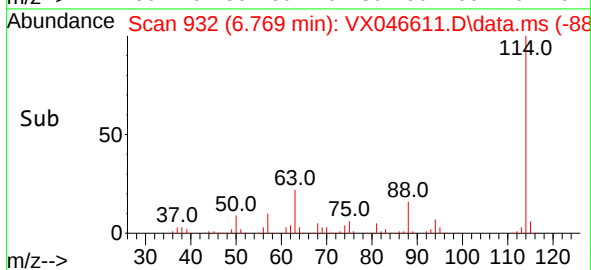
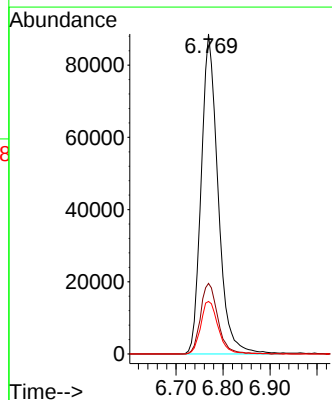
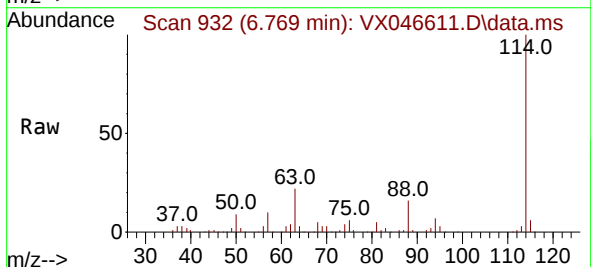
Instrument :
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 ClientSampleId :
 MW-17B-55-060425

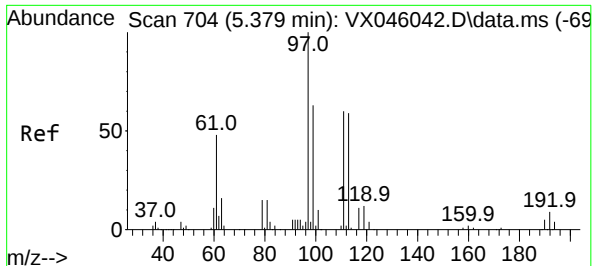
Tgt Ion: 65 Resp: 99959
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.006 min
 Lab File: VX046611.D
 Acq: 10 Jun 2025 18:11

Tgt Ion: 114 Resp: 220616
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 49.2
 88 16.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.050 ug/l

RT: 5.404 min Scan# 704

Delta R.T. 0.001 min

Lab File: VX046611.D

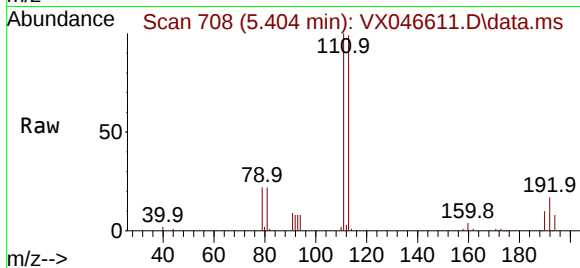
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Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-060425



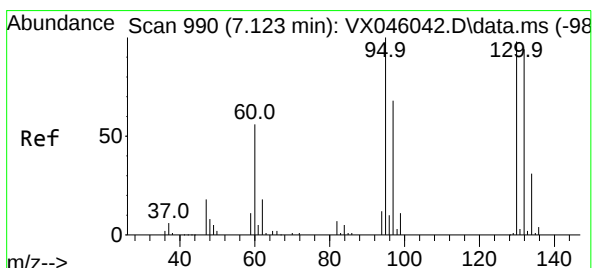
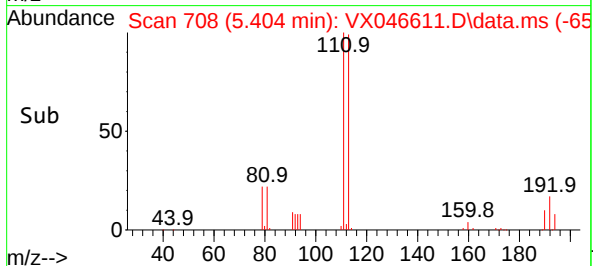
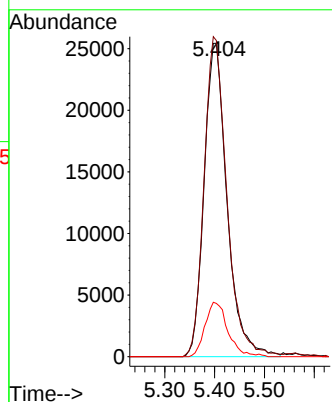
Tgt Ion:113 Resp: 81202

Ion Ratio Lower Upper

113 100

111 101.8 83.1 124.7

192 17.3 13.3 19.9



#44

Trichloroethene

Concen: 399.712 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX046611.D

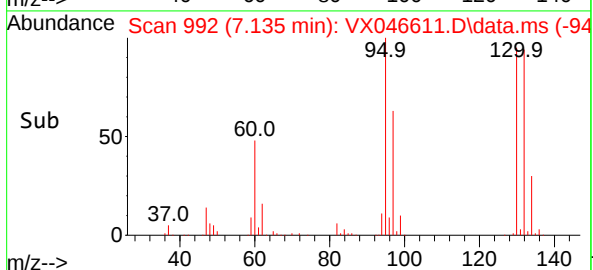
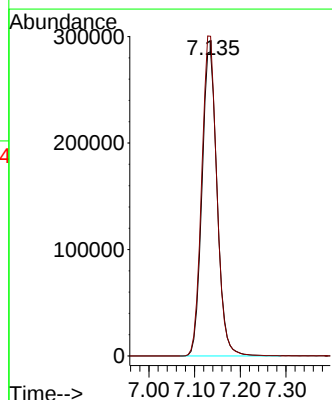
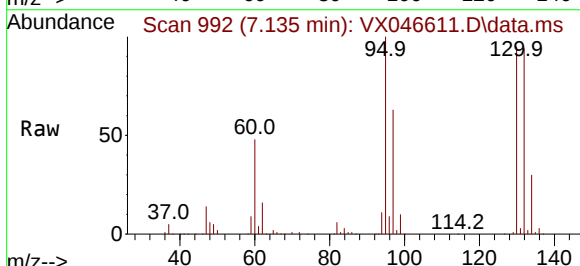
Acq: 10 Jun 2025 18:11

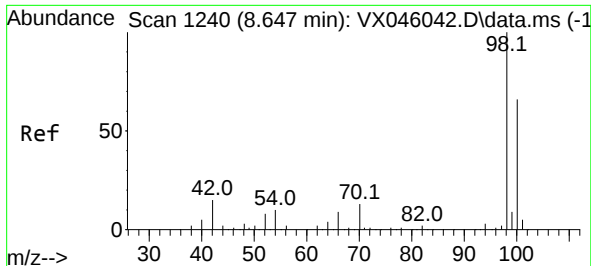
Tgt Ion:130 Resp: 662594

Ion Ratio Lower Upper

130 100

95 105.1 0.0 204.2

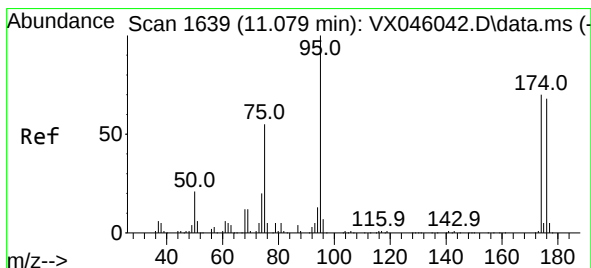
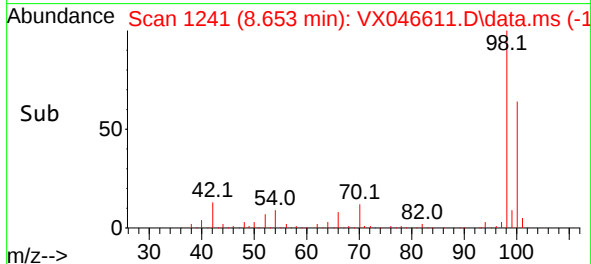
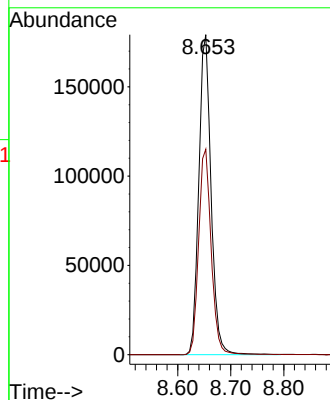
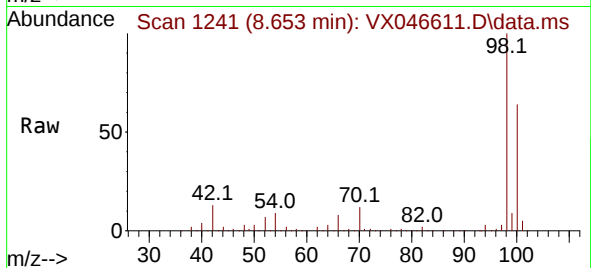




#50
Toluene-d8
Concen: 53.729 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

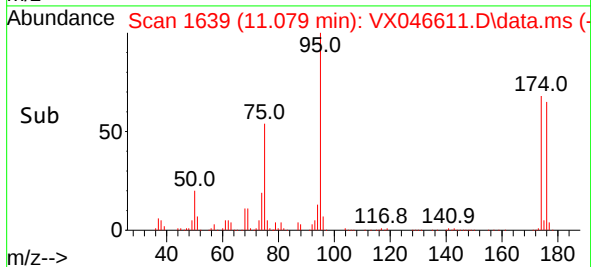
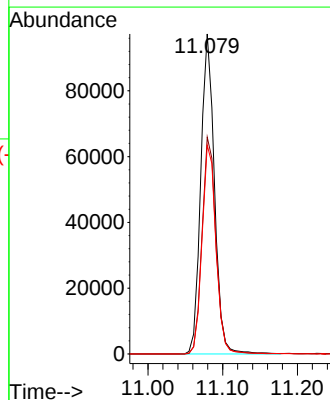
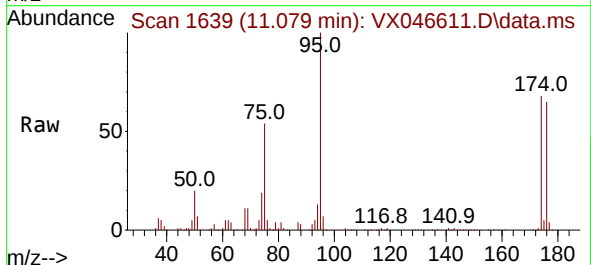
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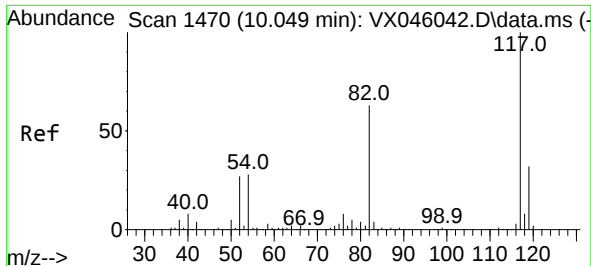
Tgt Ion: 98 Resp: 287387
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion: 95 Resp: 123534
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.8
176 66.3 0.0 131.4

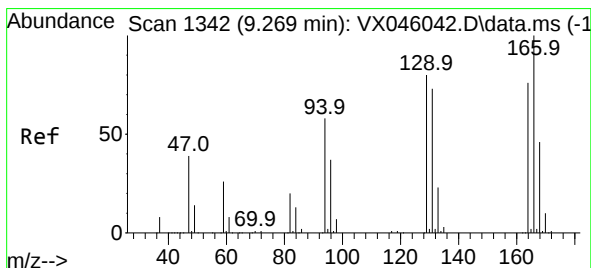
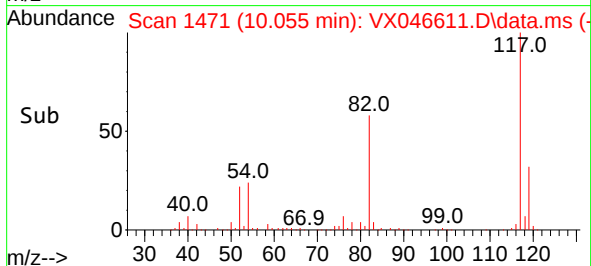
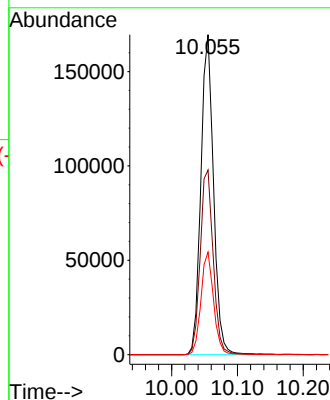
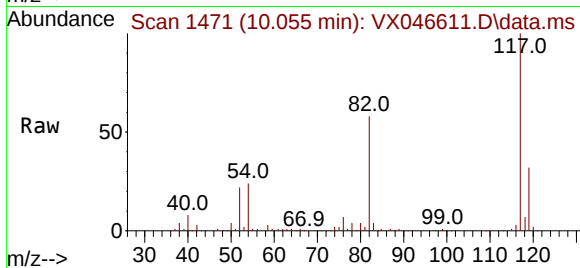




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

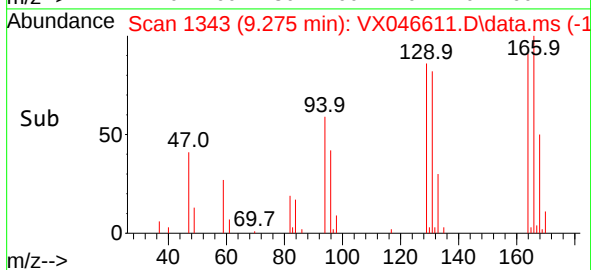
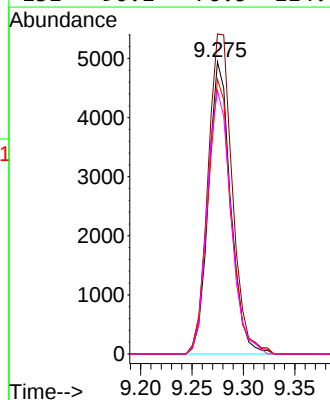
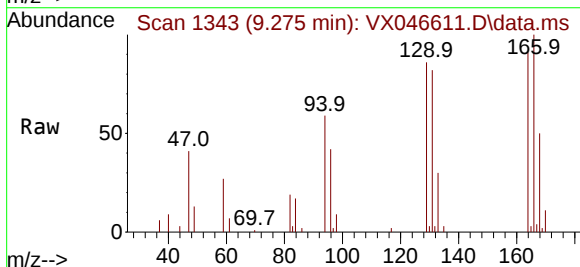
Instrument :
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MW-17B-55-060425

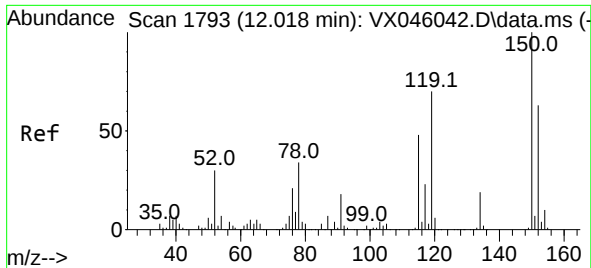
Tgt Ion:117 Resp: 227088
Ion Ratio Lower Upper
117 100
82 57.7 50.6 76.0
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 4.909 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion:164 Resp: 7455
Ion Ratio Lower Upper
164 100
166 109.5 105.0 157.6
129 94.0 83.5 125.3
131 90.1 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX046611.D

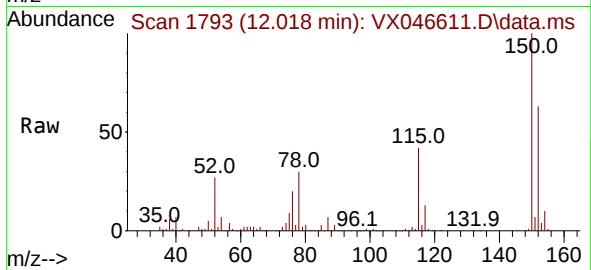
Acq: 10 Jun 2025 18:11

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 116641

Ion Ratio Lower Upper

152 100

115 62.8 46.9 140.7

150 156.3 0.0 351.0

