

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046765.D
 Acq On : 19 Jun 2025 12:33
 Operator : JC/MD
 Sample : Q2334-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: Jun 20 05:19:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

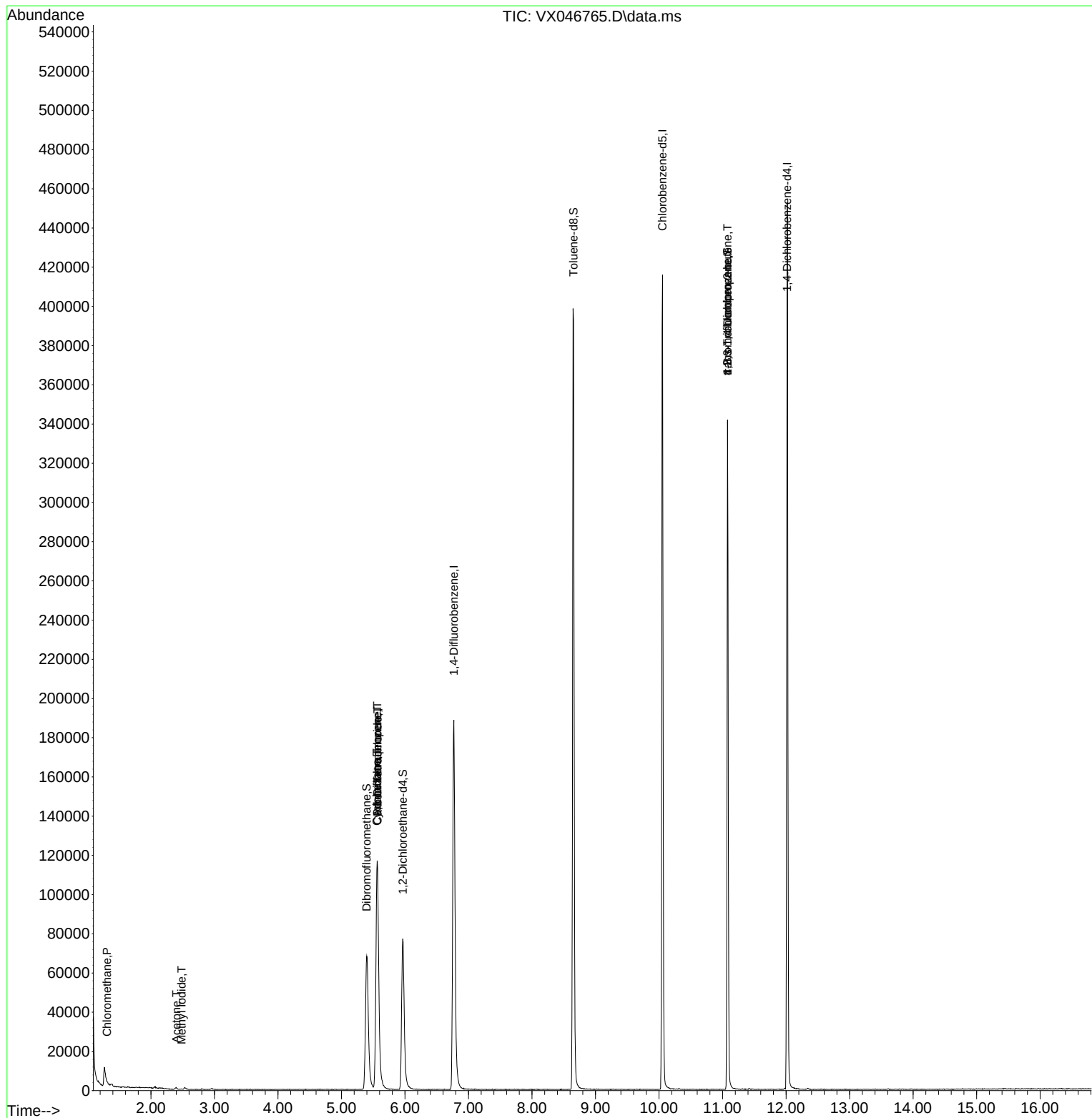
Internal Standards						
1) Pentafluorobenzene	5.562	168	123418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	82408	48.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.540%
35) Dibromofluoromethane	5.397	113	67098	48.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.900%
50) Toluene-d8	8.653	98	249208	50.599	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	93782	51.082	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	507	0.356	ug/l	92
10) Methyl Iodide	2.483	142	387	4.533	ug/l #	68
16) Acetone	2.398	43	1291	2.268	ug/l #	83
31) Cyclohexane	5.556	56	2571	1.006	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9605	4.854	ug/l #	50
38) Carbon Tetrachloride	5.568	117	12745	5.935	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	46870	27.629	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46870	78.095	ug/l #	7

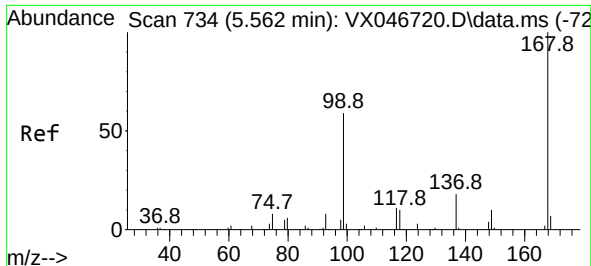
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 20 05:19:00 2025
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Quant Title : SW846 8260
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Response via : Initial Calibration

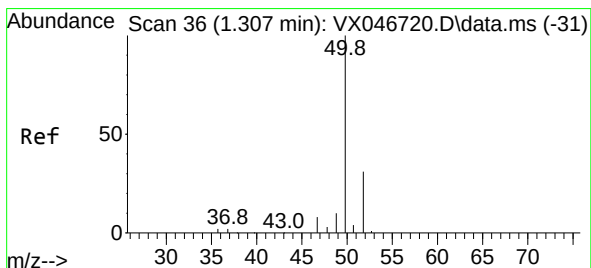
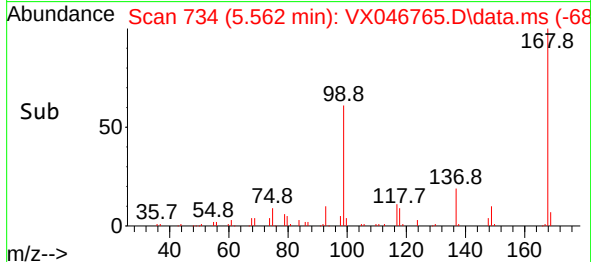
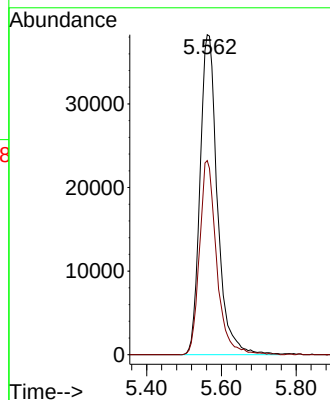
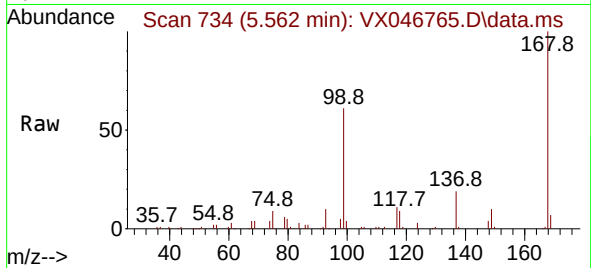




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

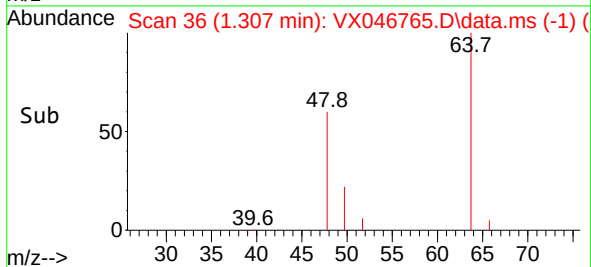
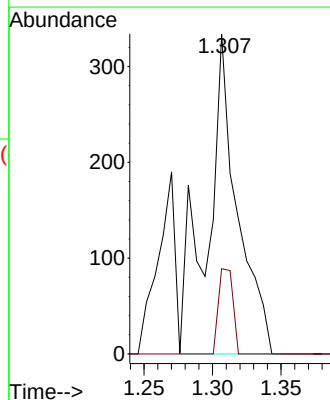
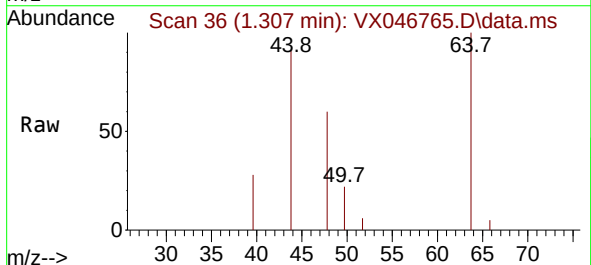
Instrument :
MSVOA_X
ClientSampleId :
MW3

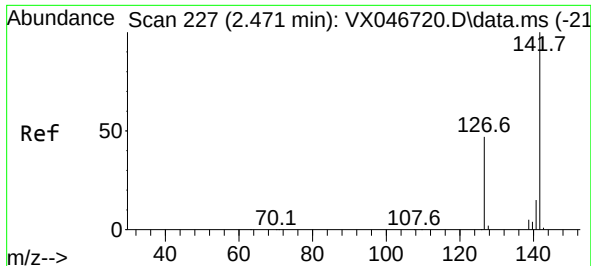
Tgt Ion:168 Resp: 123418
Ion Ratio Lower Upper
168 100
99 60.7 48.5 72.7



#3
Chloromethane
Concen: 0.356 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion: 50 Resp: 507
Ion Ratio Lower Upper
50 100
52 26.6 24.9 37.3

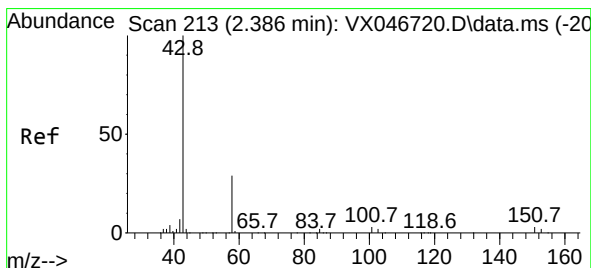
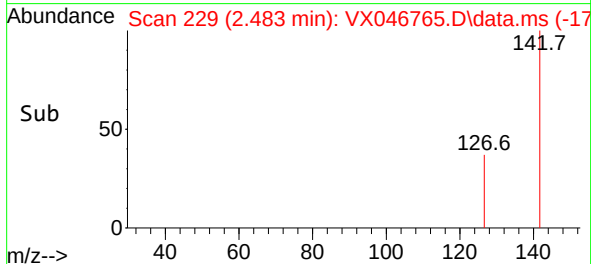
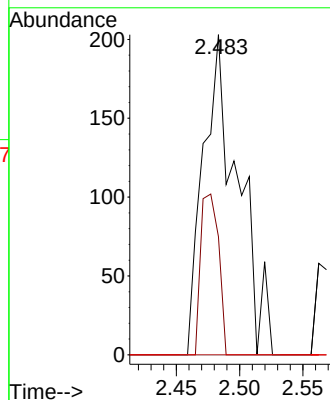
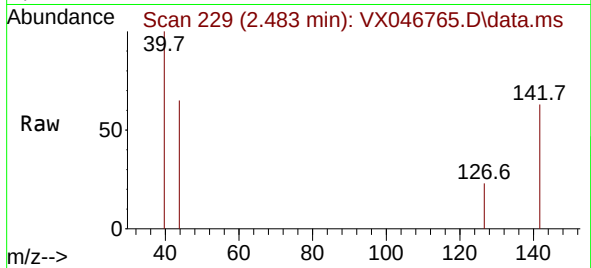




#10
Methyl Iodide
Concen: 4.533 ug/l
RT: 2.483 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

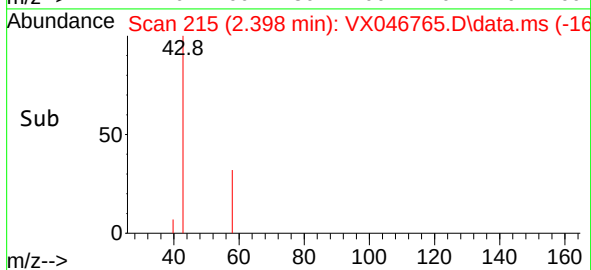
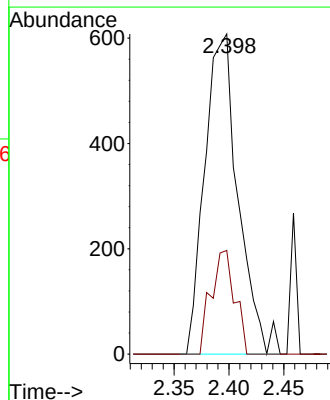
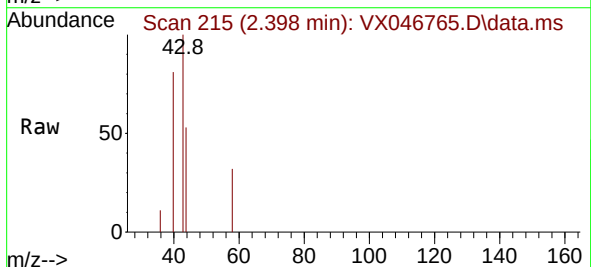
Instrument :
MSVOA_X
ClientSampleId :
MW3

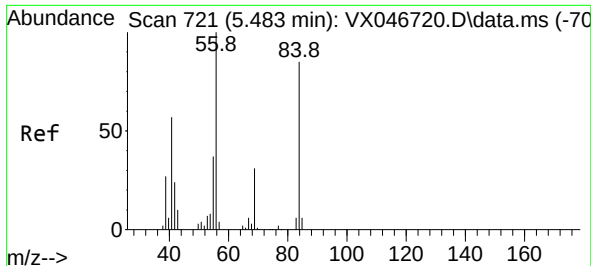
Tgt Ion:142 Resp: 387
Ion Ratio Lower Upper
142 100
127 26.1 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 2.268 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 21.2 24.5 36.7#

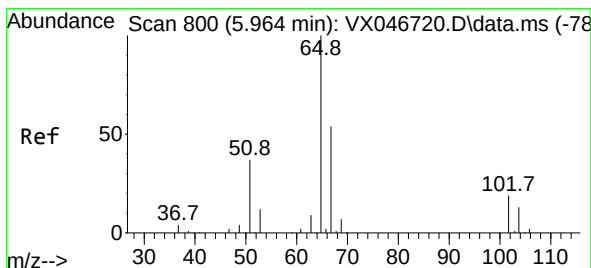
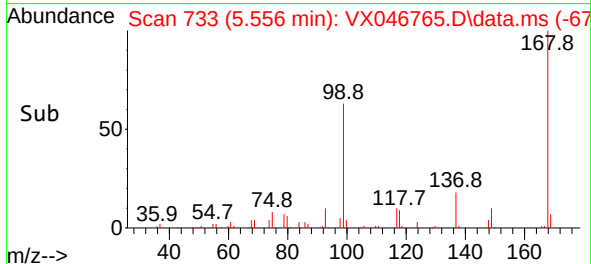
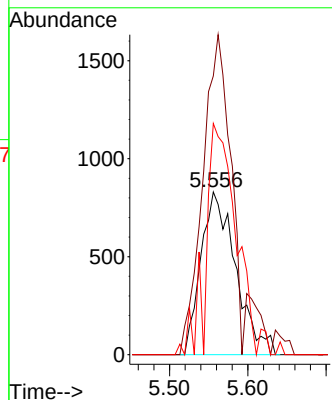
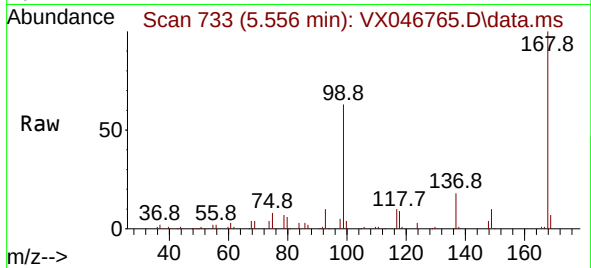




#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

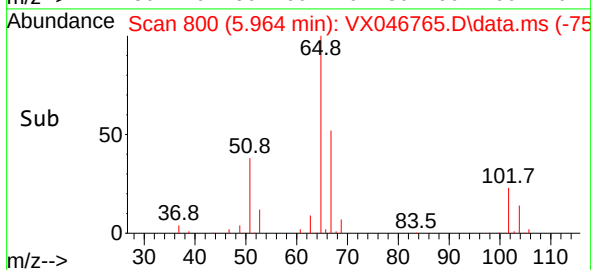
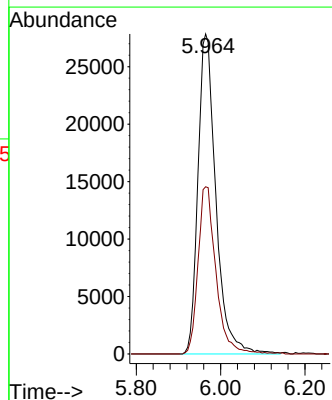
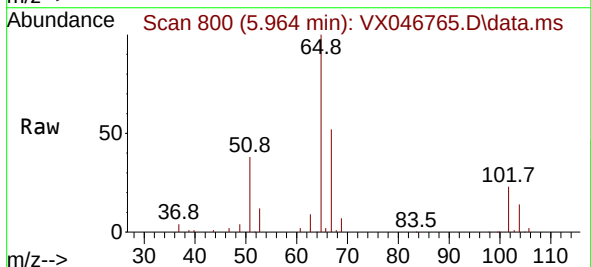
Instrument :
MSVOA_X
ClientSampleId :
MW3

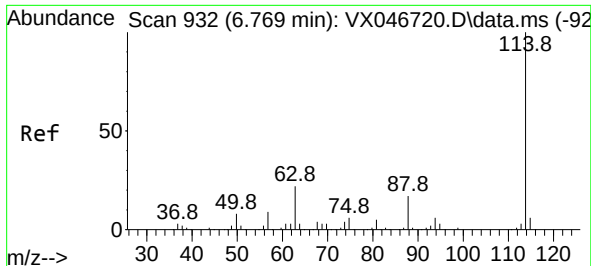
Tgt Ion: 56 Resp: 2571
Ion Ratio Lower Upper
56 100
69 171.3 24.8 37.2#
84 135.7 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 48.274 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion: 65 Resp: 82408
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

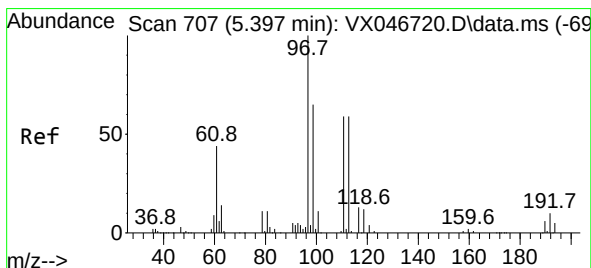
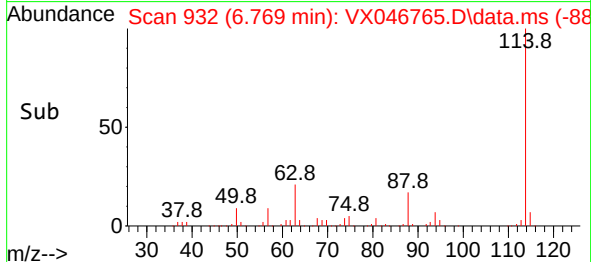
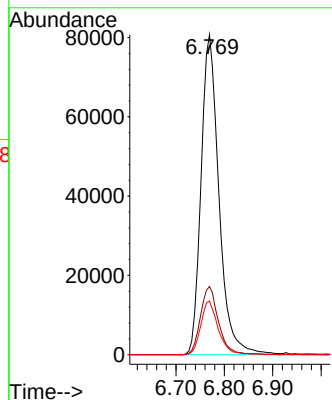
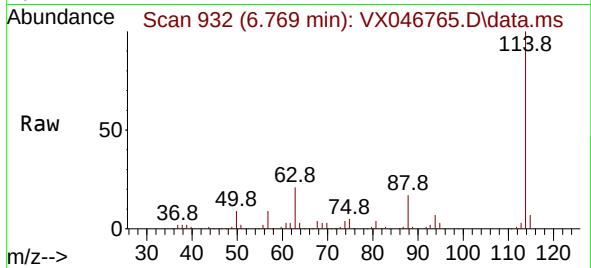




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX046765.D
 Acq: 19 Jun 2025 12:33

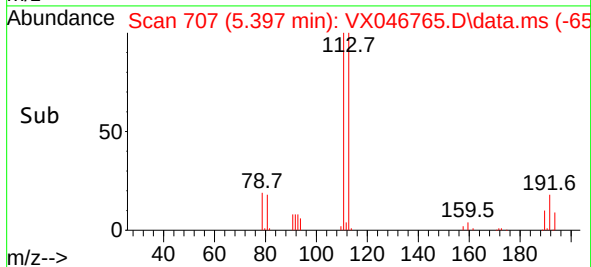
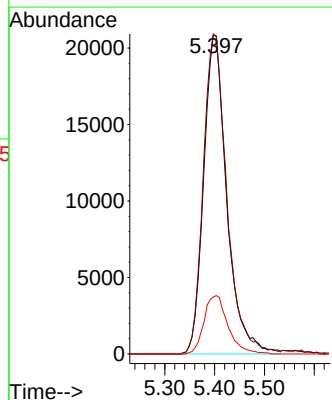
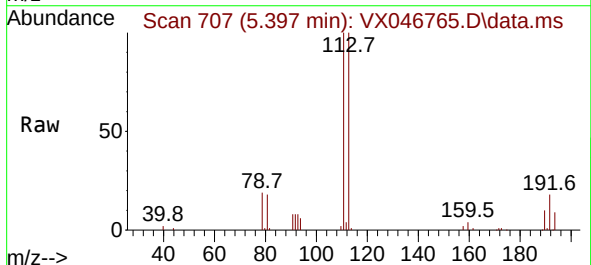
Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

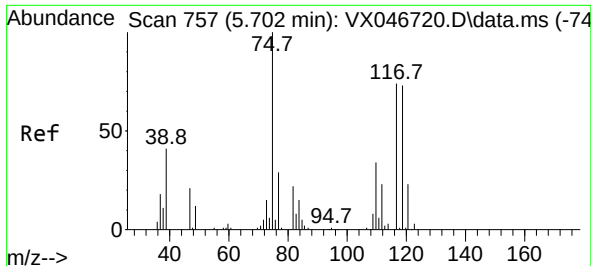
Tgt Ion:114 Resp: 207193
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.2
 88 16.8 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.946 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VX046765.D
 Acq: 19 Jun 2025 12:33

Tgt Ion:113 Resp: 67098
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 19.0 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX046765.D

Acq: 19 Jun 2025 12:33

Instrument :

MSVOA_X

ClientSampleId :

MW3

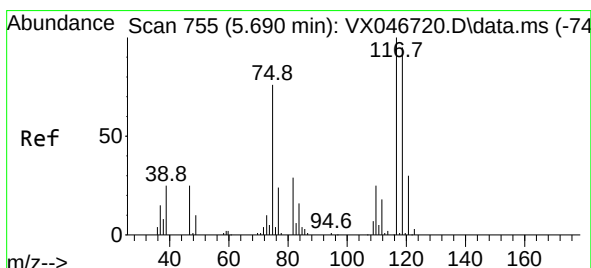
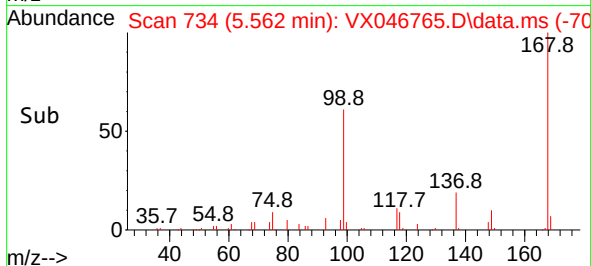
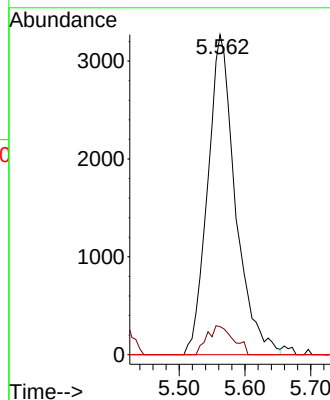
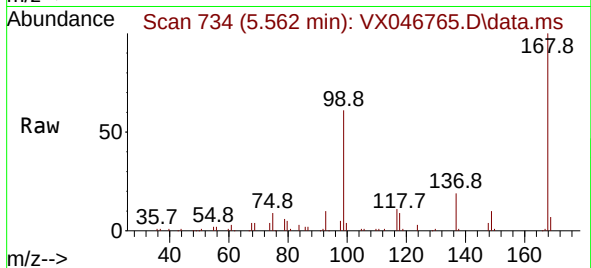
Tgt Ion: 75 Resp: 9605

Ion Ratio Lower Upper

75 100

110 8.5 17.2 51.5#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.935 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX046765.D

Acq: 19 Jun 2025 12:33

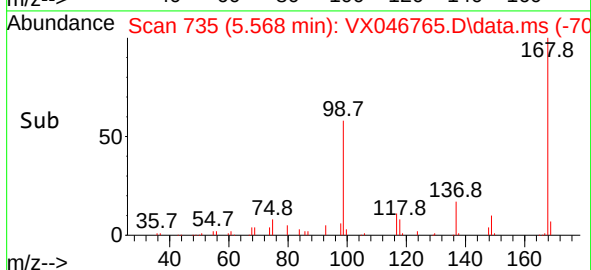
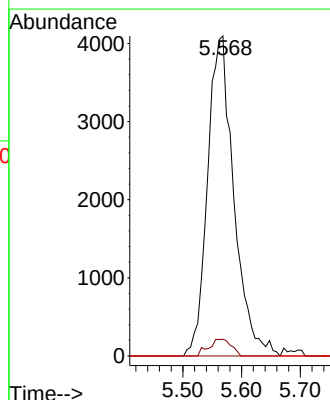
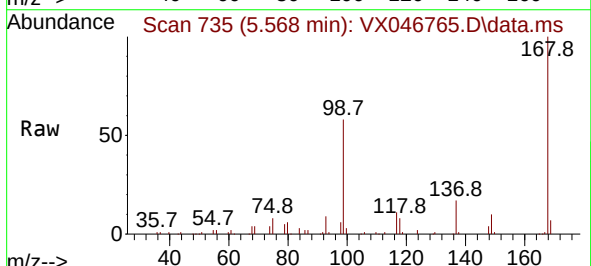
Tgt Ion: 117 Resp: 12745

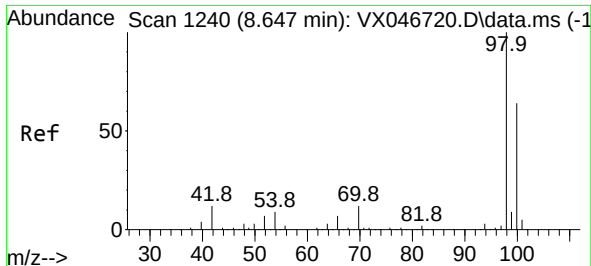
Ion Ratio Lower Upper

117 100

119 5.3 75.2 112.8#

121 0.0 24.1 36.1#

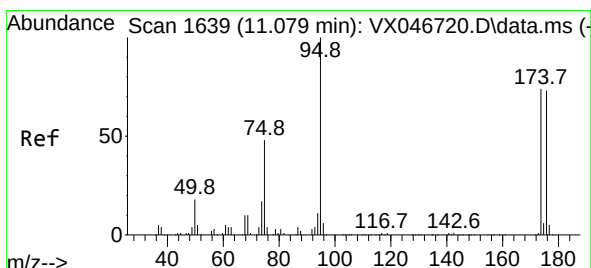
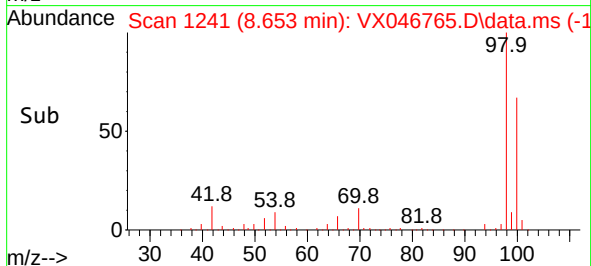
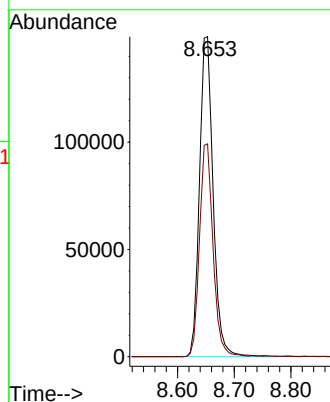
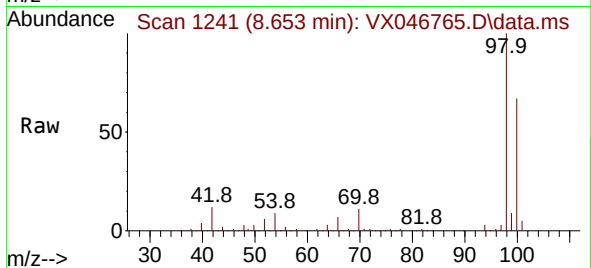




#50
Toluene-d8
Concen: 50.599 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

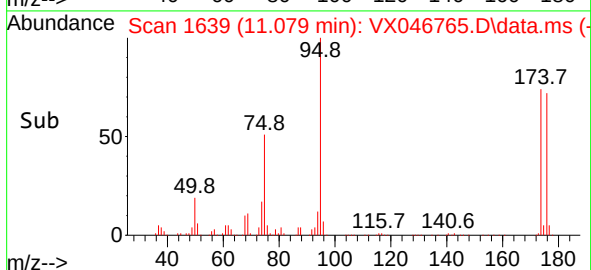
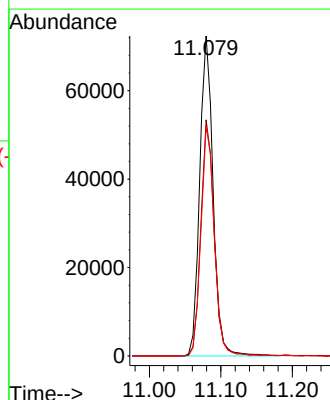
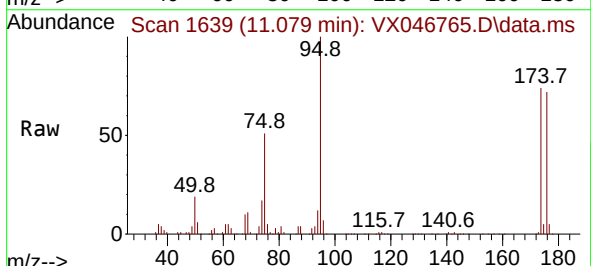
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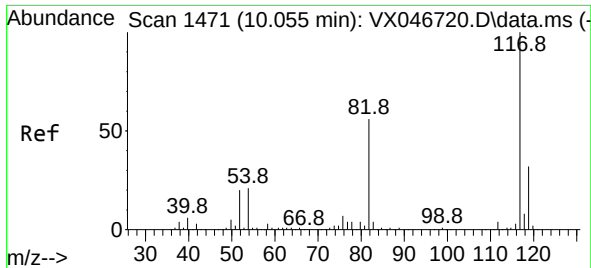
Tgt Ion: 98 Resp: 249208
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.082 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion: 95 Resp: 93782
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 72.0 0.0 145.0

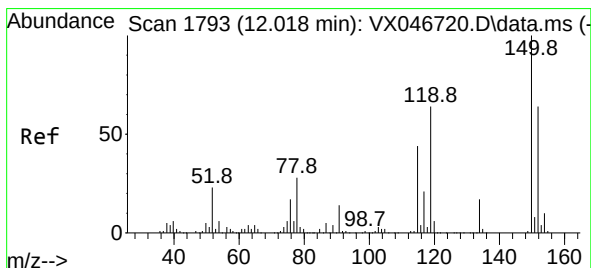
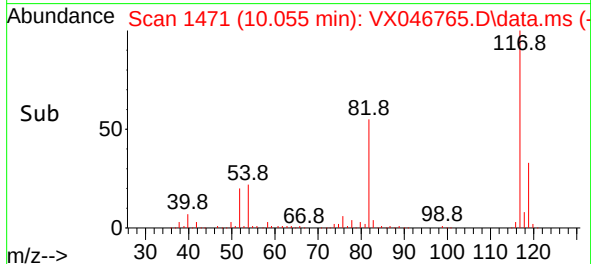
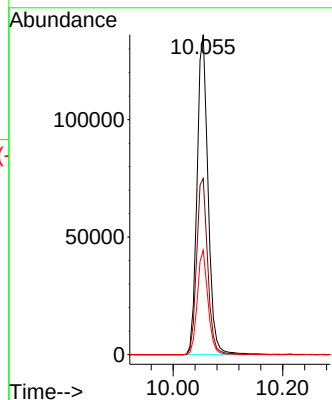
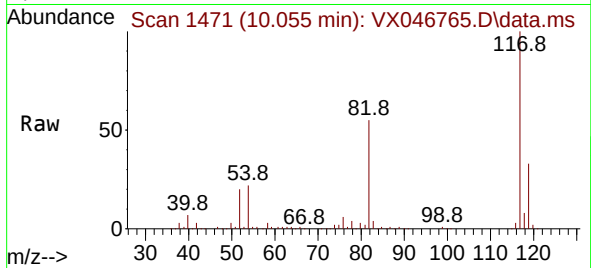




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

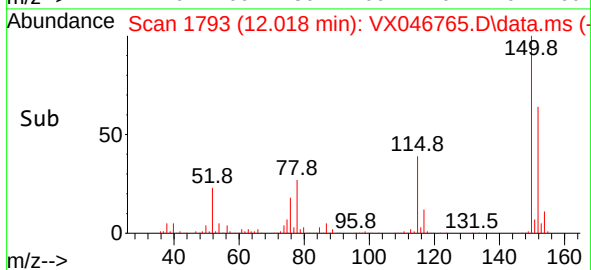
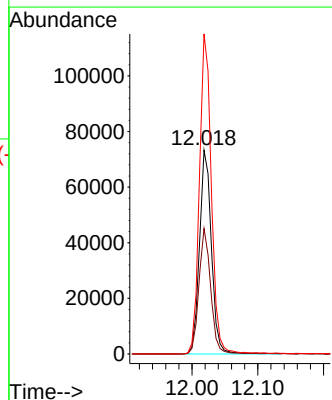
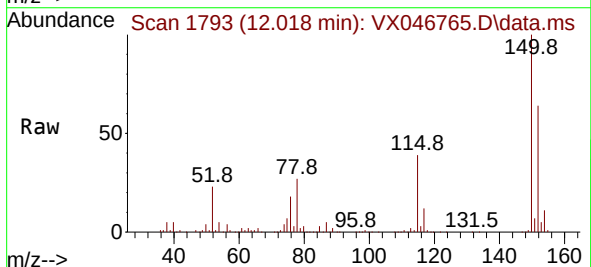
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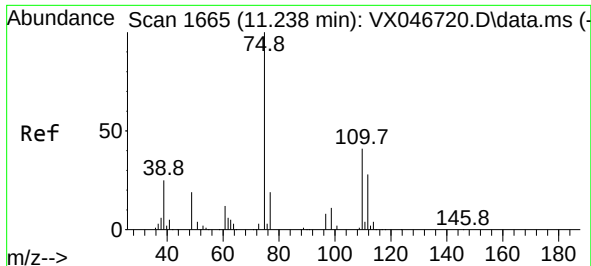
Tgt Ion:117 Resp: 191314
Ion Ratio Lower Upper
117 100
82 55.1 44.6 66.8
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion:152 Resp: 92623
Ion Ratio Lower Upper
152 100
115 60.8 43.2 129.6
150 156.8 0.0 346.8

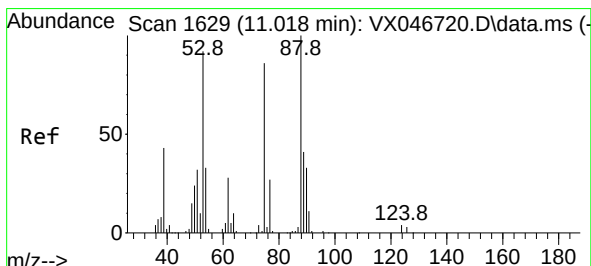
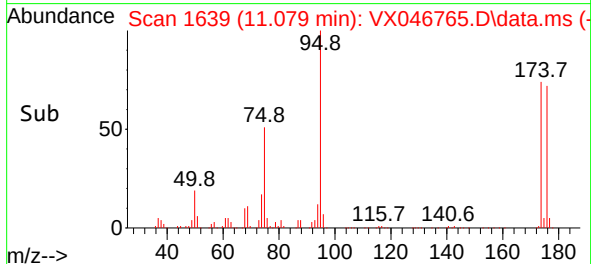
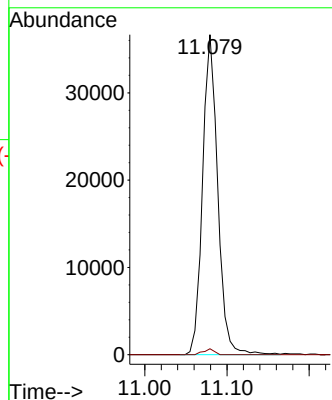
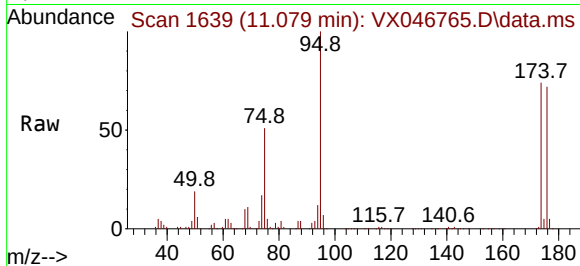




#76
1,2,3-Trichloropropane
Concen: 27.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 75 Resp: 46870
Ion Ratio Lower Upper
75 100
77 1.3 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.095 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion: 75 Resp: 46870
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

