

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047437.D
 Acq On : 20 Aug 2025 13:15
 Operator : JC/MD
 Sample : Q2869-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-6.5-081325

Quant Time: Aug 21 01:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

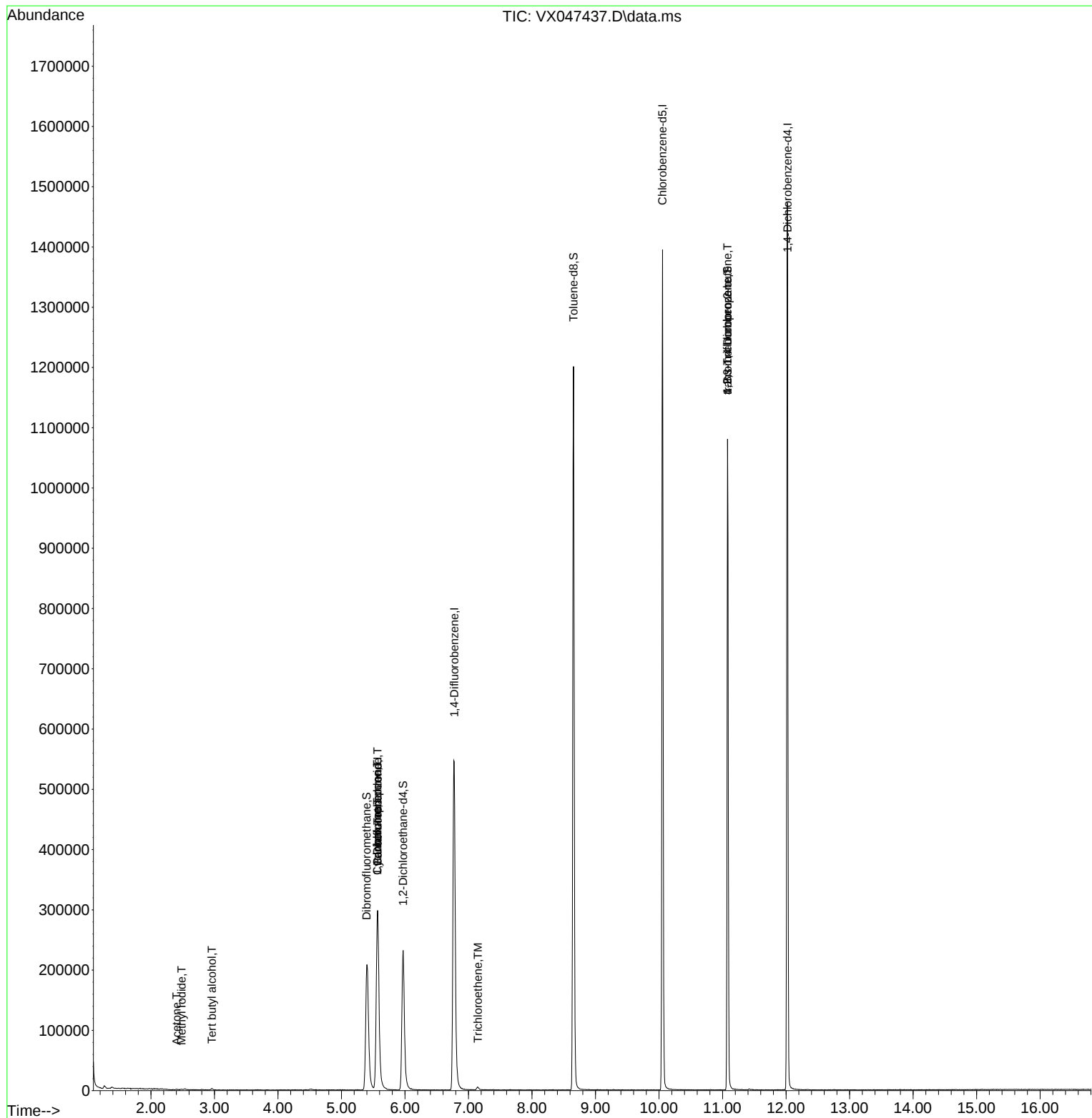
Internal Standards						
1) Pentafluorobenzene	5.568	168	296536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	599838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	298160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	242493	58.430	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.860%	
35) Dibromofluoromethane	5.397	113	205293	52.734	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.460%	
50) Toluene-d8	8.653	98	711871	51.160	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	11.079	95	291371	56.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.480%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.483	142	1449	0.231	ug/l #	70
11) Tert butyl alcohol	2.958	59	287	0.795	ug/l #	72
16) Acetone	2.404	43	1536	0.985	ug/l	90
31) Cyclohexane	5.562	56	6280	0.940	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	24455	3.979	ug/l #	47
38) Carbon Tetrachloride	5.568	117	32121	4.783	ug/l #	15
44) Trichloroethene	7.147	130	2156	0.458	ug/l	73
76) 1,2,3-Trichloropropane	11.079	75	149489	27.336	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	149489	107.998	ug/l #	7

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

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MW-01-6.5-081325

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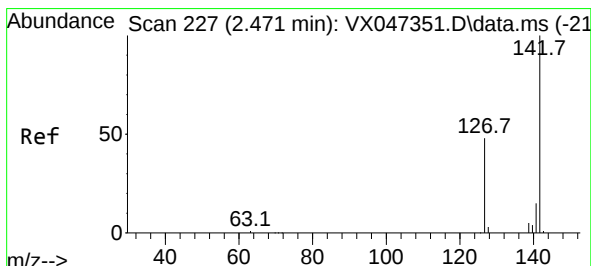
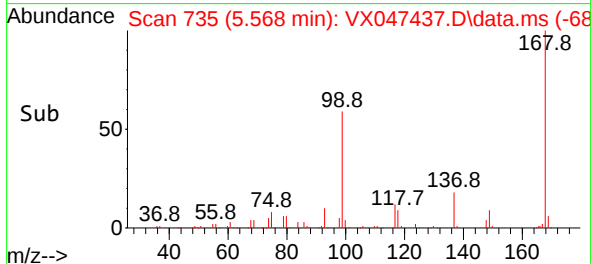
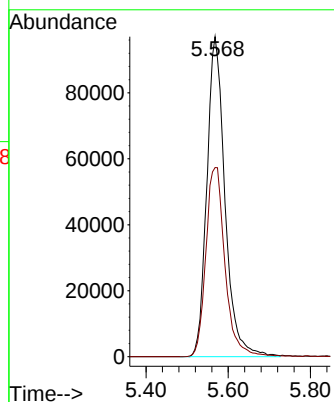
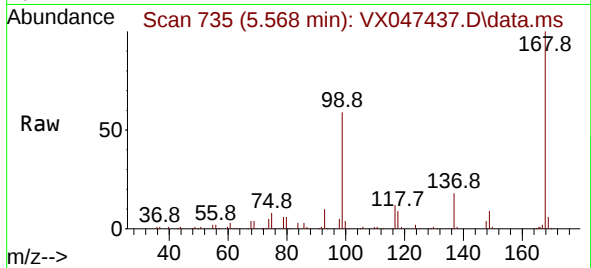




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

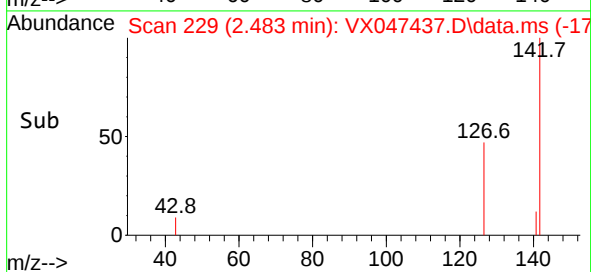
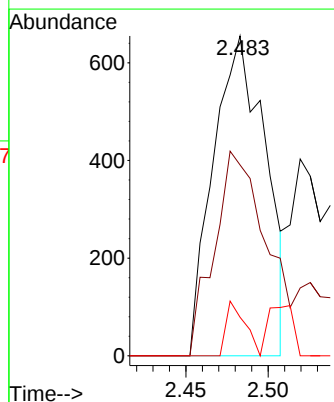
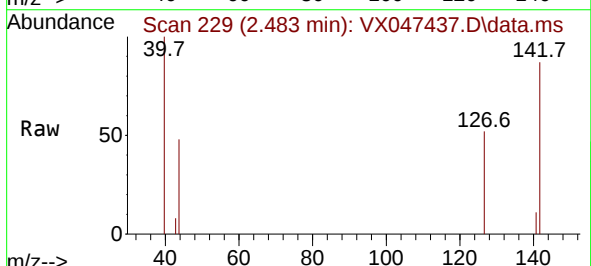
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-081325

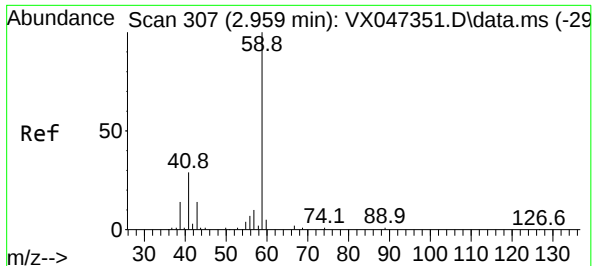
Tgt Ion:168 Resp: 296536
Ion Ratio Lower Upper
168 100
99 59.1 47.9 71.9



#10
Methyl Iodide
Concen: 0.231 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

Tgt Ion:142 Resp: 1449
Ion Ratio Lower Upper
142 100
127 67.3 36.1 54.1#
141 6.1 11.1 16.7#





#11

Tert butyl alcohol

Concen: 0.795 ug/l

RT: 2.958 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX047437.D

Acq: 20 Aug 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

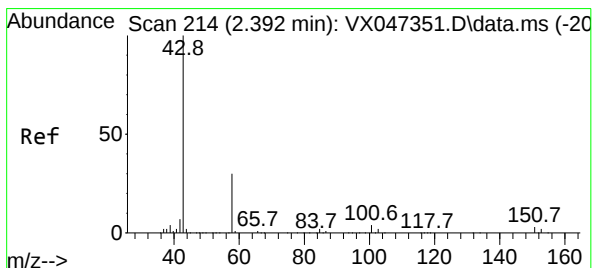
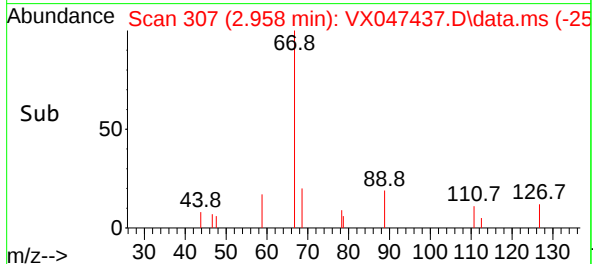
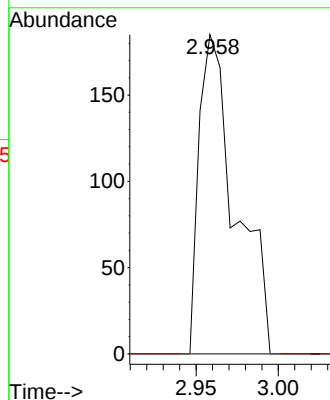
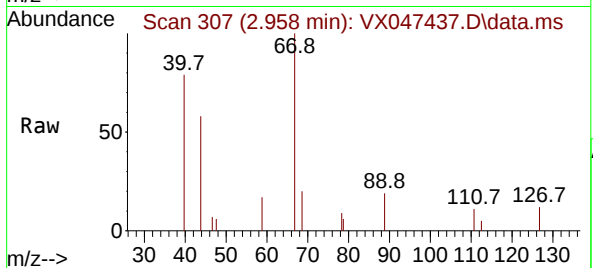
MW-01-6.5-081325

Tgt Ion: 59 Resp: 287

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.985 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.012 min

Lab File: VX047437.D

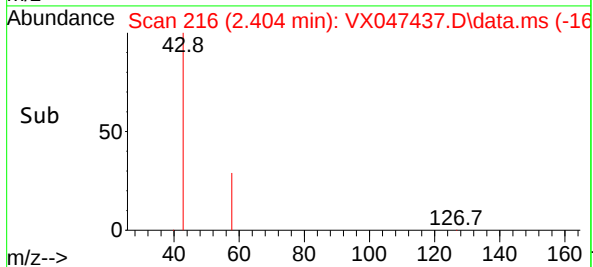
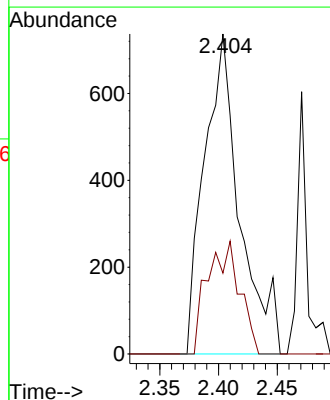
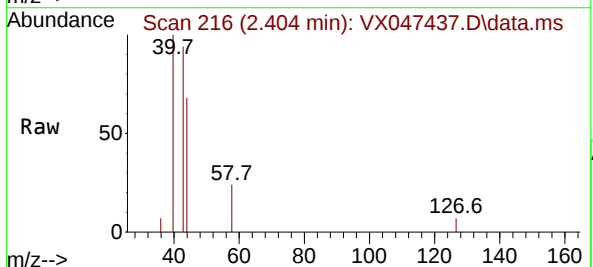
Acq: 20 Aug 2025 13:15

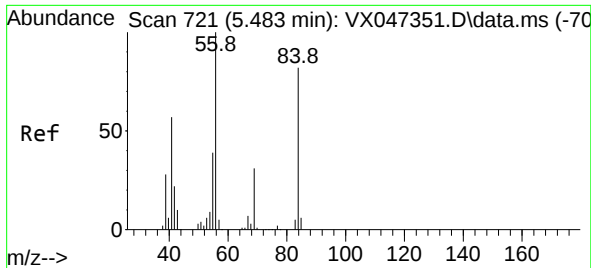
Tgt Ion: 43 Resp: 1536

Ion Ratio Lower Upper

43 100

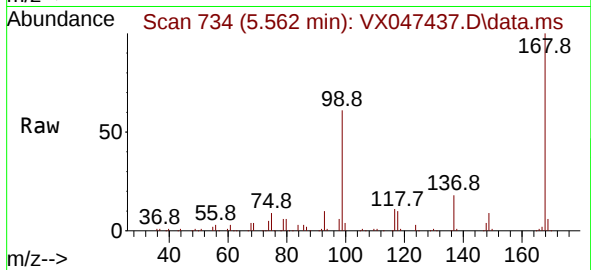
58 25.2 24.8 37.2



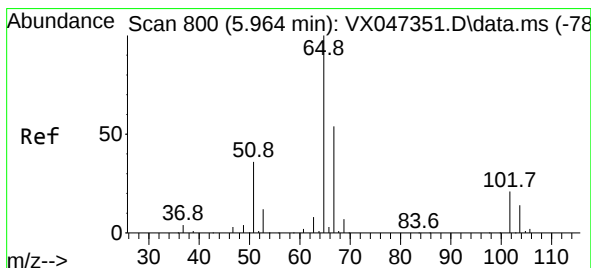
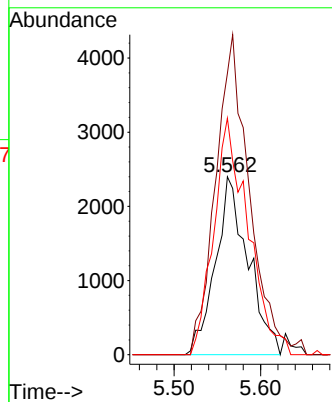
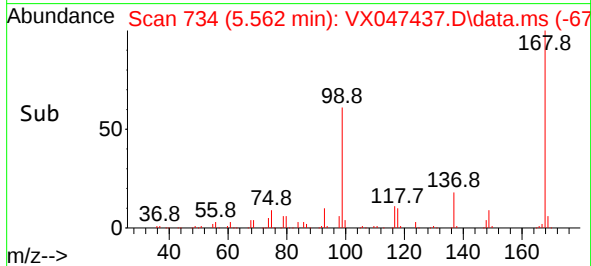


#31
Cyclohexane
Concen: 0.940 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-081325

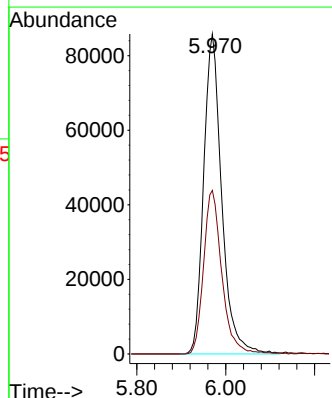
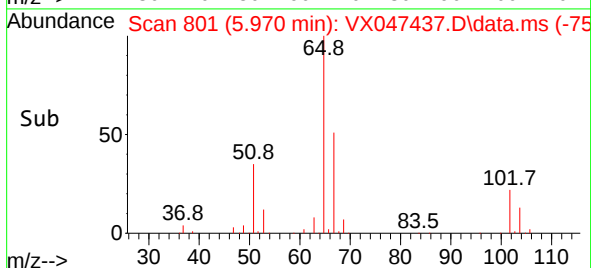
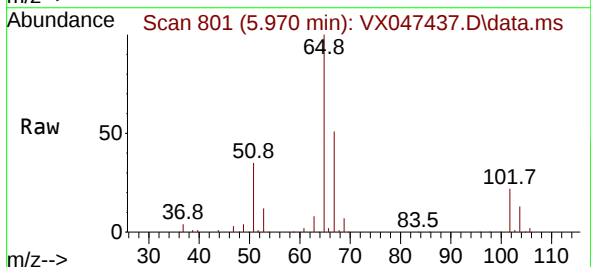


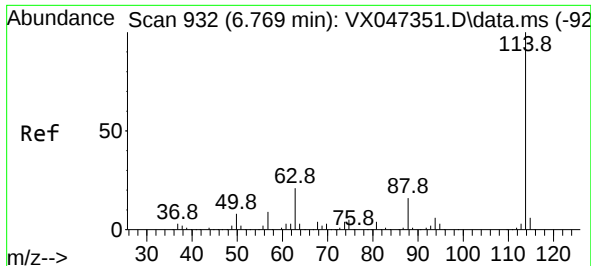
Tgt Ion: 56 Resp: 6280
Ion Ratio Lower Upper
56 100
69 158.1 24.3 36.5#
84 132.9 65.3 97.9#



#33
1,2-Dichloroethane-d4
Concen: 58.430 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

Tgt Ion: 65 Resp: 242493
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

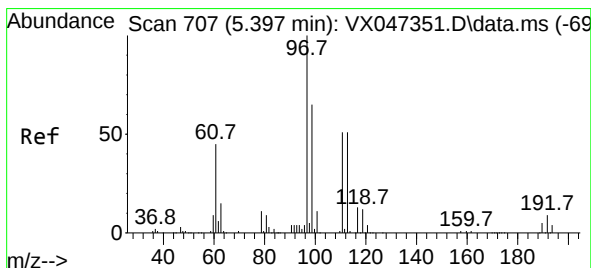
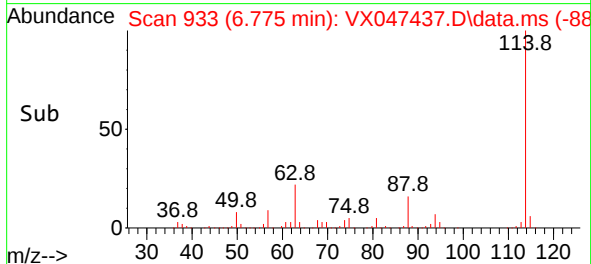
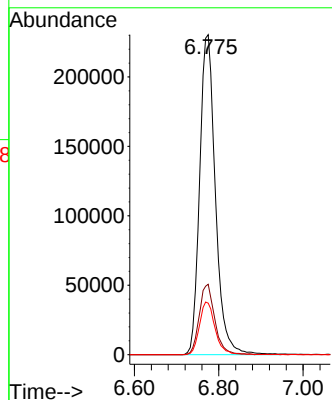
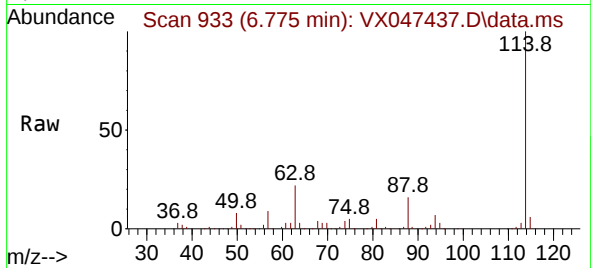




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

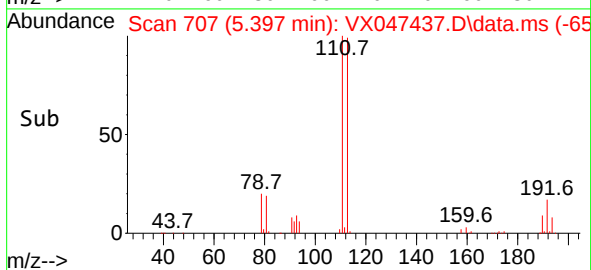
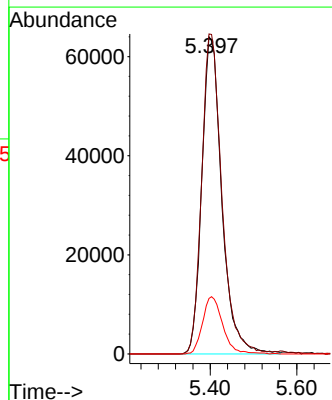
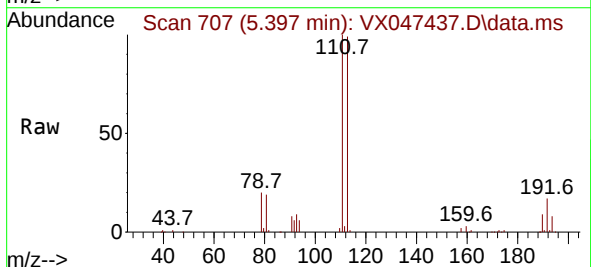
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-081325

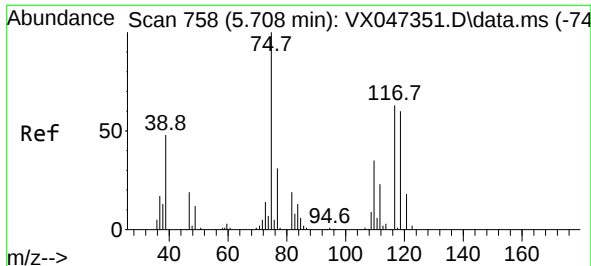
Tgt Ion:114 Resp: 599838
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.734 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

Tgt Ion:113 Resp: 205293
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.2
192 18.2 14.1 21.1

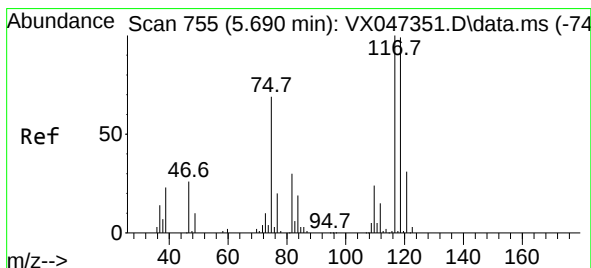
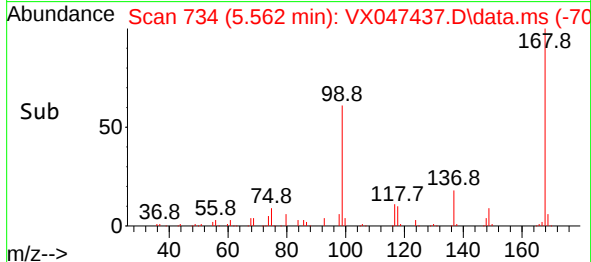
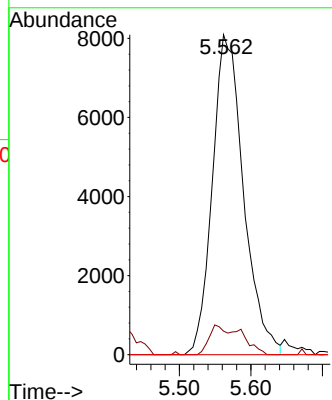
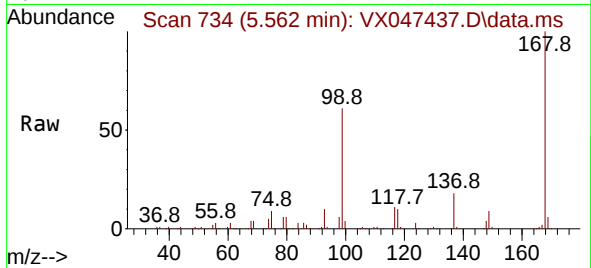




#36
1,1-Dichloropropene
Concen: 3.979 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

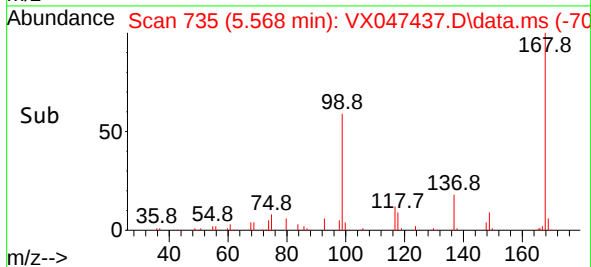
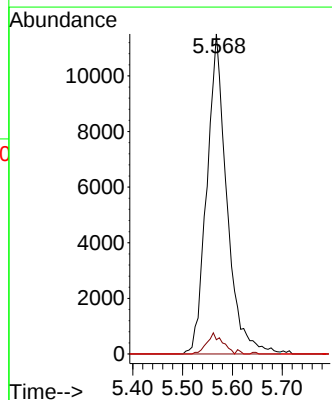
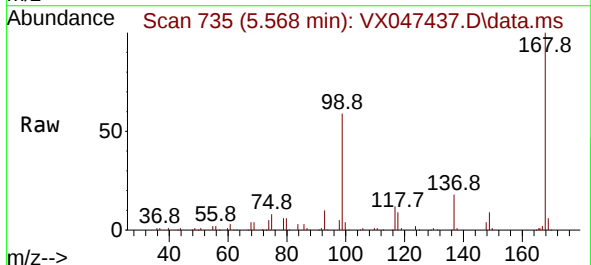
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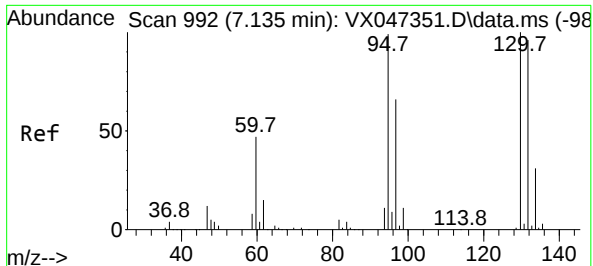
Tgt Ion: 75 Resp: 24455
Ion Ratio Lower Upper
75 100
110 5.2 17.4 52.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.783 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

Tgt Ion: 117 Resp: 32121
Ion Ratio Lower Upper
117 100
119 4.5 78.5 117.7#
121 0.0 24.7 37.1#

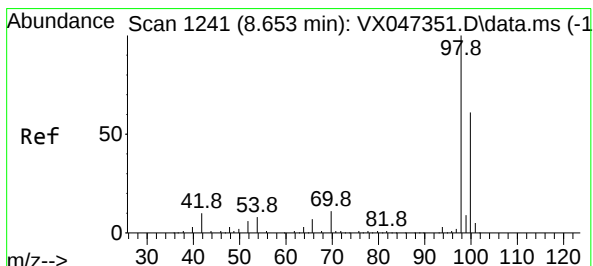
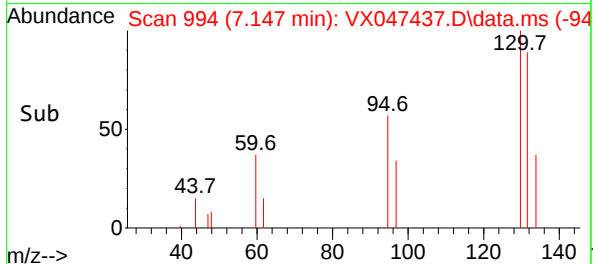
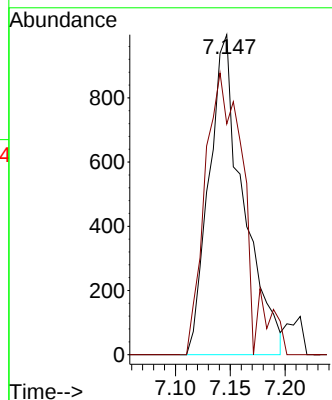
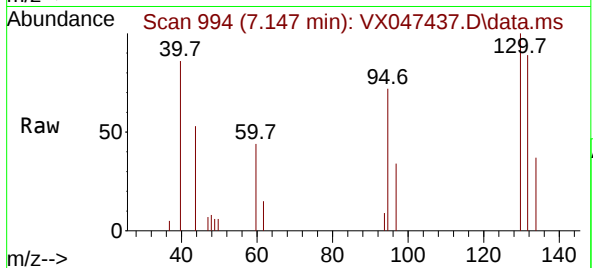




#44
Trichloroethene
Concen: 0.458 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.012 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

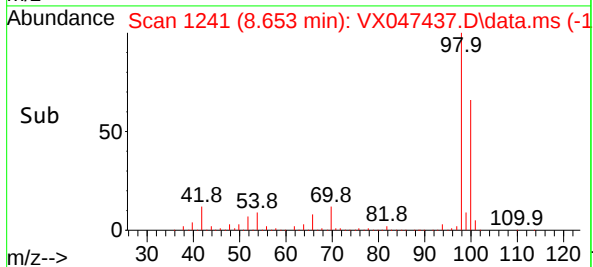
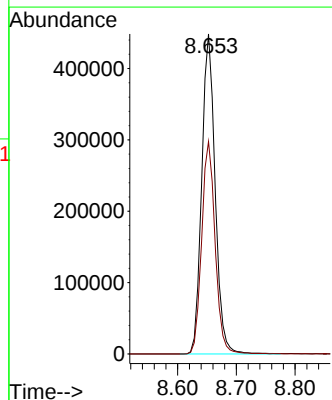
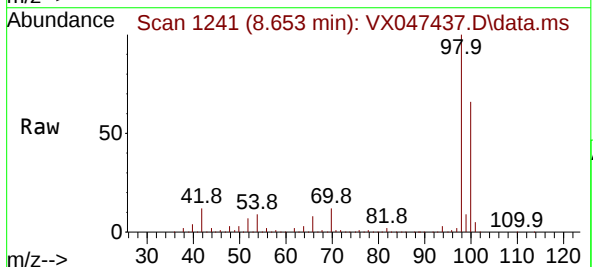
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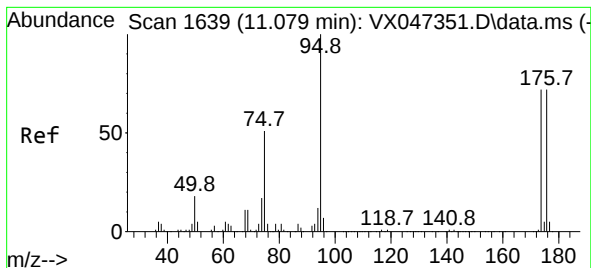
Tgt Ion:130 Resp: 2156
Ion Ratio Lower Upper
130 100
95 72.1 0.0 198.6



#50
Toluene-d8
Concen: 51.160 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

Tgt Ion: 98 Resp: 711871
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9

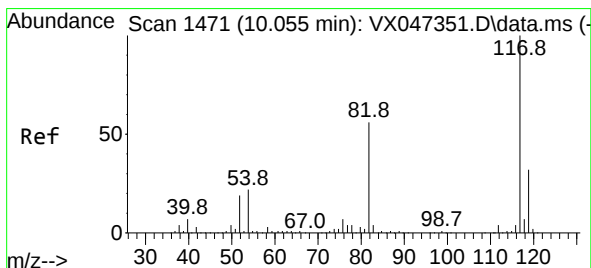
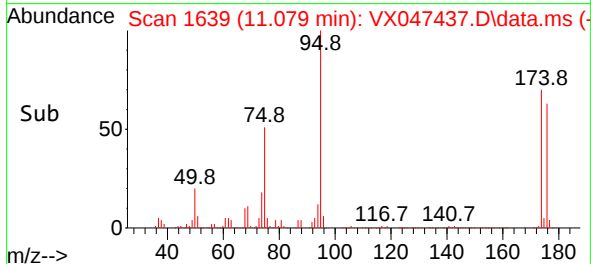
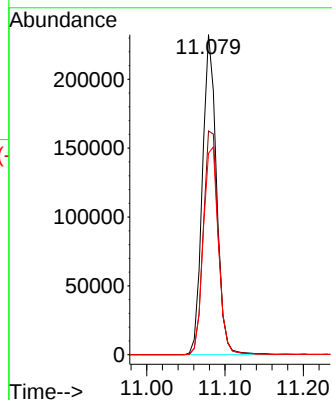
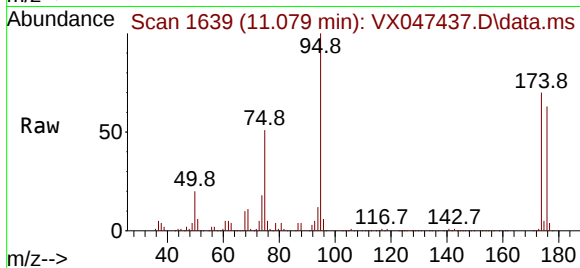




#62
4-Bromofluorobenzene
Concen: 56.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

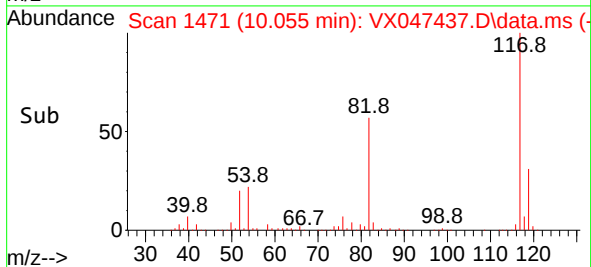
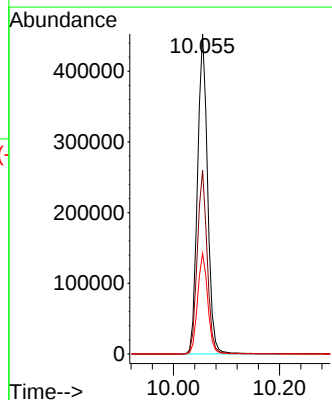
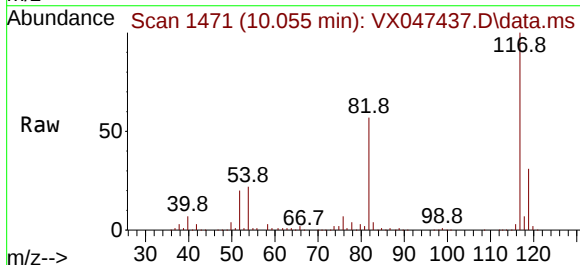
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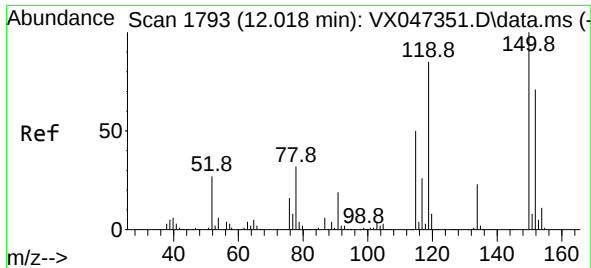
Tgt Ion: 95 Resp: 291371
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 69.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047437.D
Acq: 20 Aug 2025 13:15

Tgt Ion: 117 Resp: 598049
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 31.4 25.8 38.8

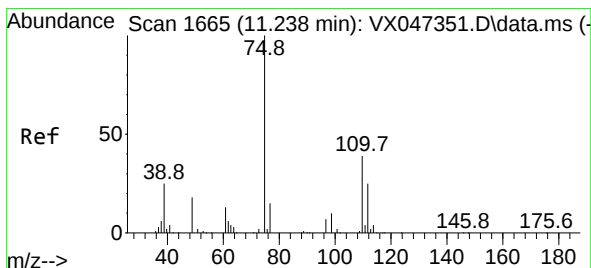
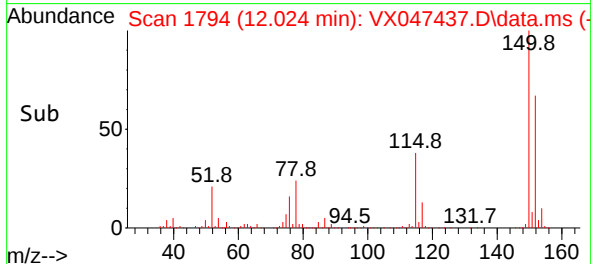
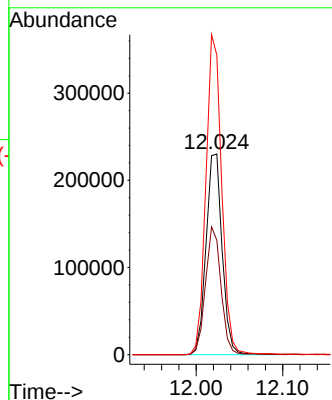
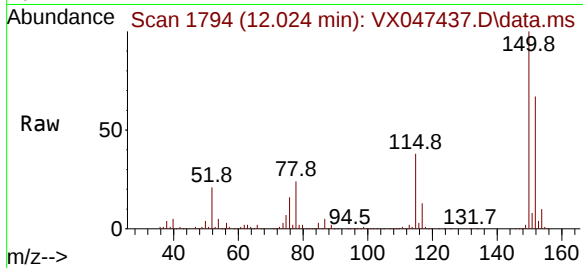




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX047437.D
 Acq: 20 Aug 2025 13:15

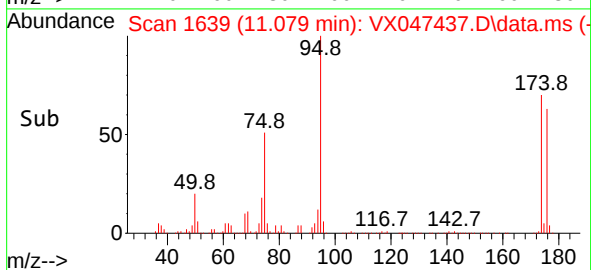
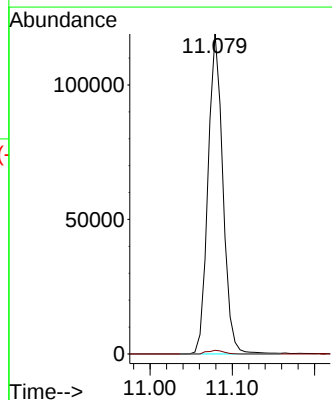
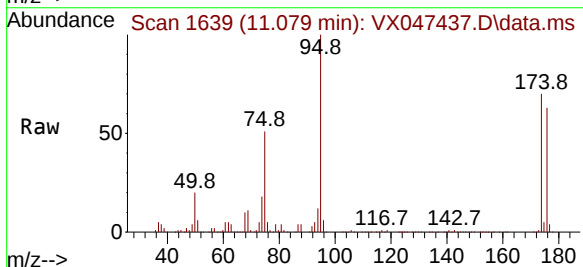
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-6.5-081325

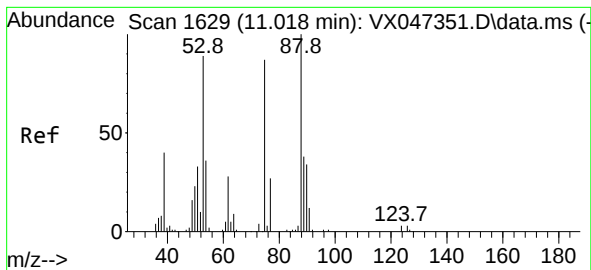
Tgt Ion:152 Resp: 298160
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.6 133.8
 150 156.1 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 27.336 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX047437.D
 Acq: 20 Aug 2025 13:15

Tgt Ion: 75 Resp: 149489
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.998 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX047437.D
 Acq: 20 Aug 2025 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-6.5-081325

Tgt Ion: 75 Resp: 149489
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.2 127.8#
 89 0.0 36.7 55.1#

