

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047666.D
 Acq On : 19 Sep 2025 11:47
 Operator : JC/MD
 Sample : Q3095-25DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20250910DL

Quant Time: Sep 20 00:29:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

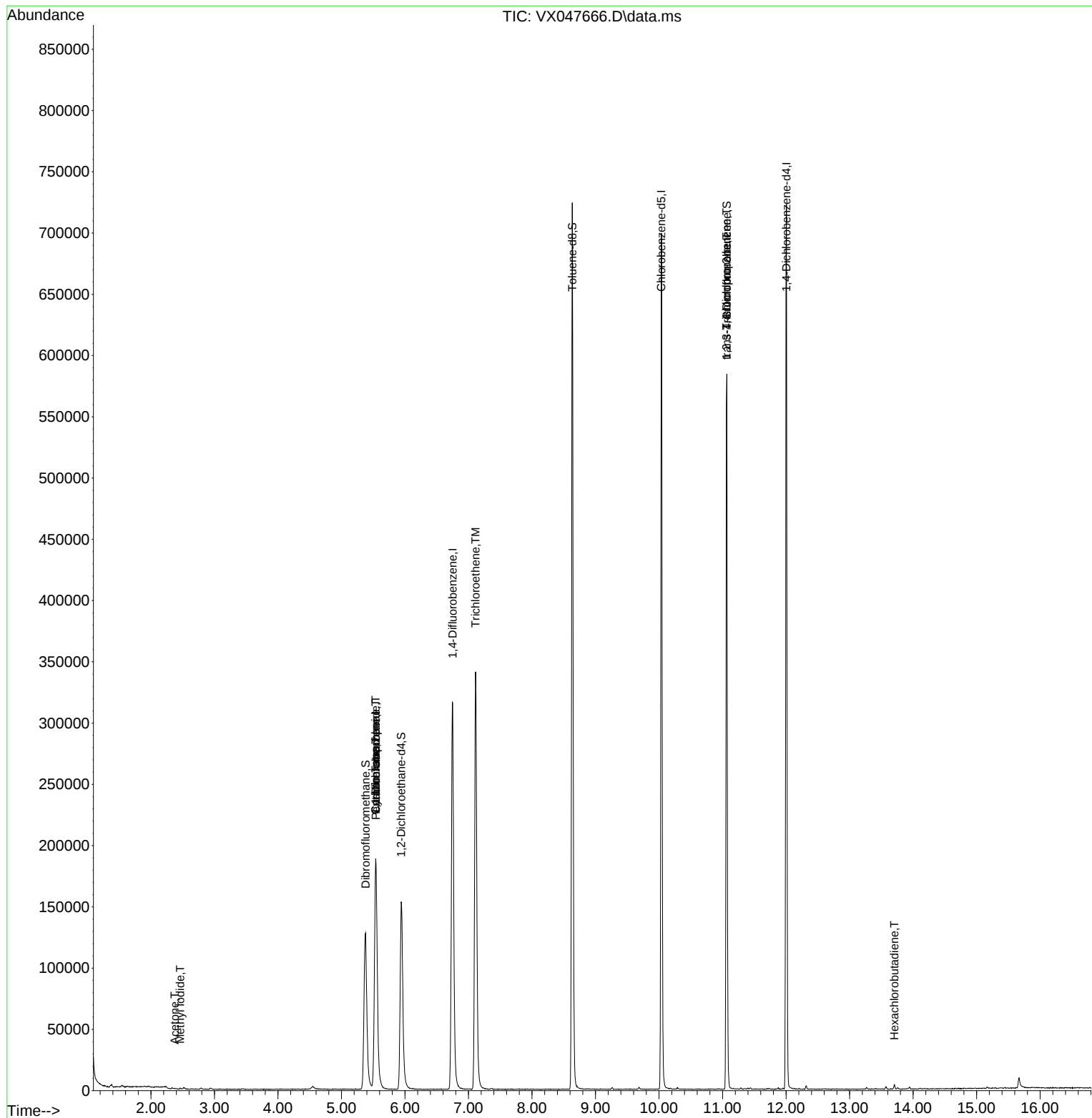
Internal Standards						
1) Pentafluorobenzene	5.544	168	189981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	344496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	309572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	164845	54.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.020%	
35) Dibromofluoromethane	5.379	113	124924	54.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.140%	
50) Toluene-d8	8.634	98	434109	54.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	11.067	95	167474	55.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.400%	
Target Compounds						Qvalue
10) Methyl Iodide	2.459	142	772	0.225	ug/l #	94
16) Acetone	2.373	43	638	0.485	ug/l #	34
31) Cyclohexane	5.537	56	3940	0.986	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	15843	4.693	ug/l #	52
38) Carbon Tetrachloride	5.537	117	20687	5.640	ug/l #	18
44) Trichloroethene	7.110	130	144090	58.124	ug/l	94
76) 1,2,3-Trichloropropane	11.061	75	85601	27.996	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	85601	71.394	ug/l #	8
94) Hexachlorobutadiene	13.707	225	552	0.500	ug/l	93

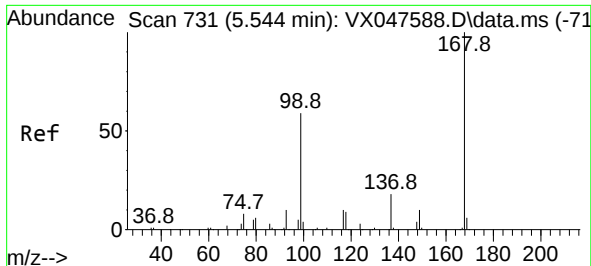
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
DUP02-20250910DL

Quant Time: Sep 20 00:29:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

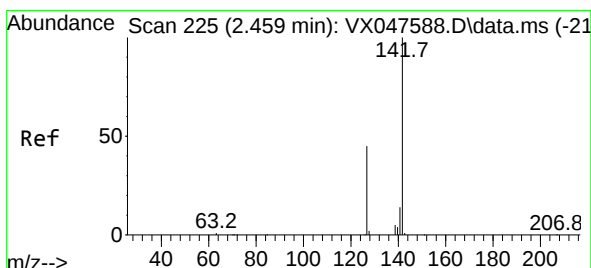
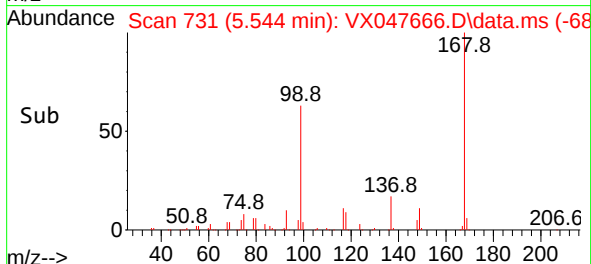
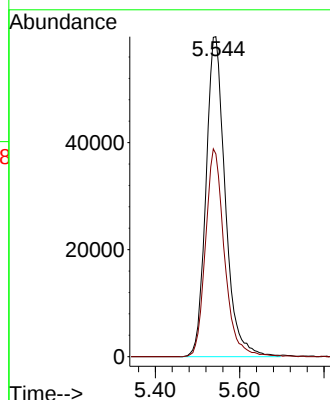
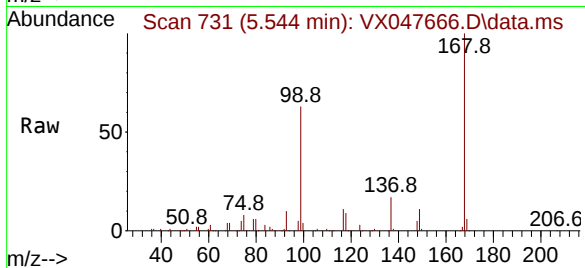




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

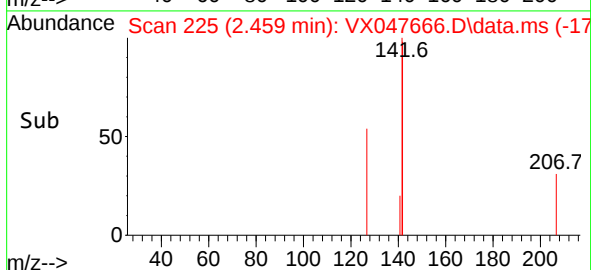
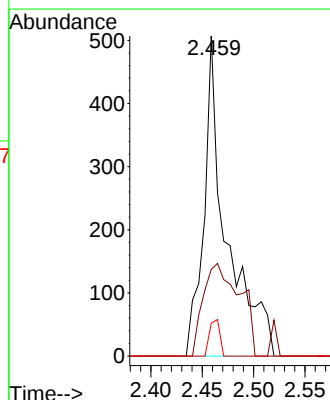
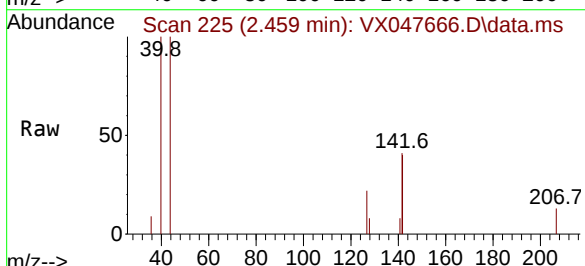
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250910DL

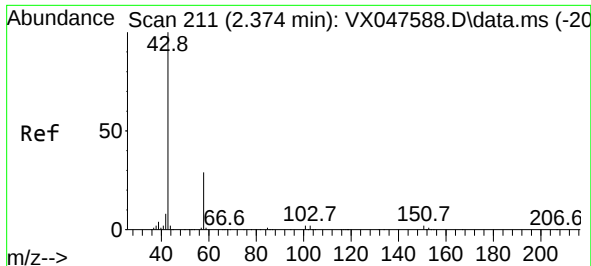
Tgt Ion:168 Resp: 189981
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#10
Methyl Iodide
Concen: 0.225 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Tgt Ion:142 Resp: 772
Ion Ratio Lower Upper
142 100
127 46.9 37.2 55.8
141 5.2 11.4 17.0#

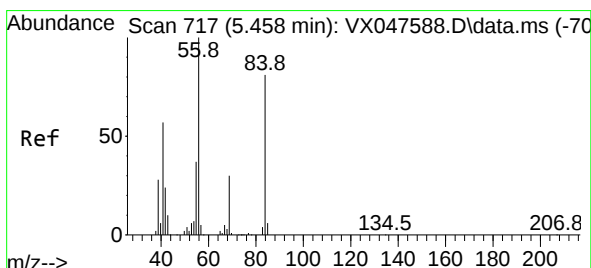
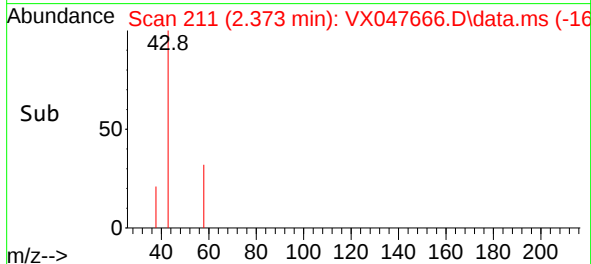
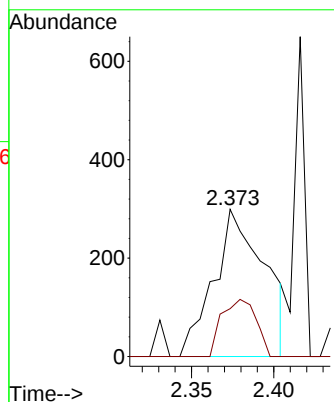
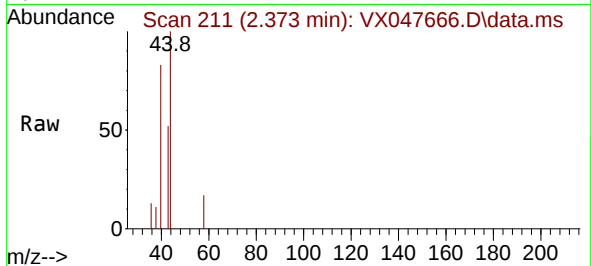




#16
Acetone
Concen: 0.485 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

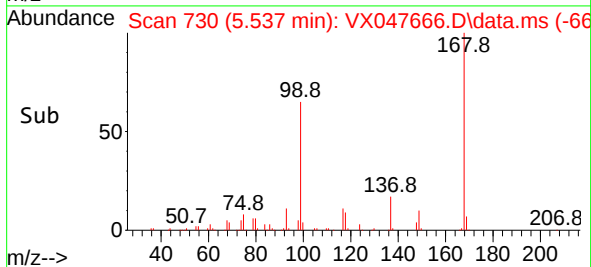
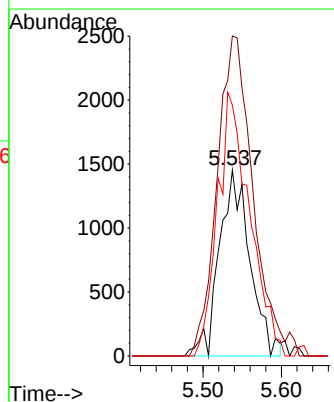
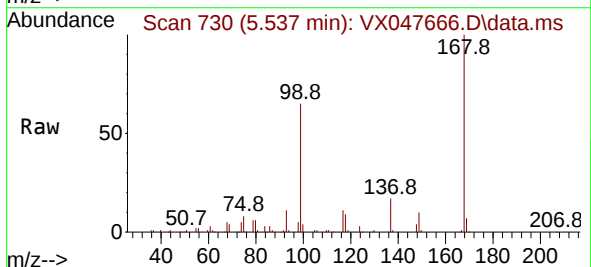
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250910DL

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 64.7 23.4 35.0#



#31
Cyclohexane
Concen: 0.986 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Tgt Ion: 56 Resp: 3940
Ion Ratio Lower Upper
56 100
69 172.2 23.8 35.8#
84 135.0 64.6 97.0#

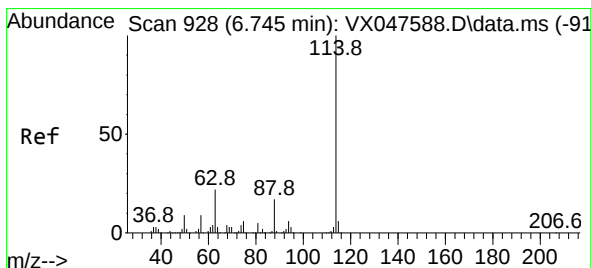
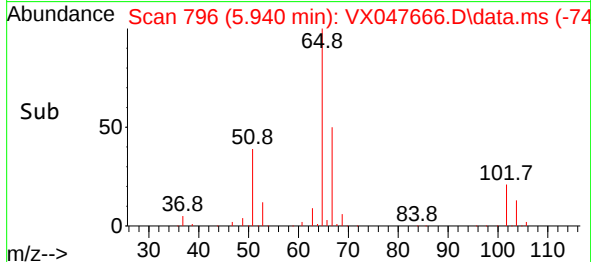
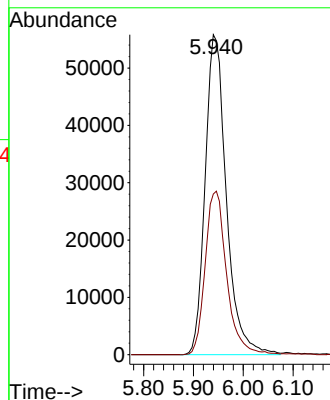
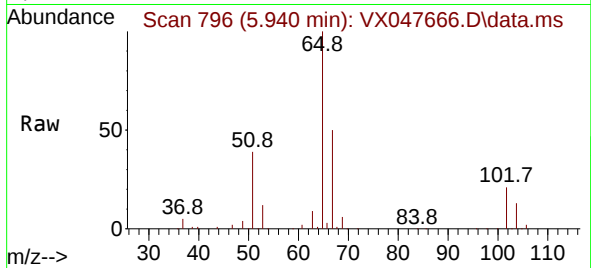




#33
 1,2-Dichloroethane-d4
 Concen: 54.512 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX047666.D
 Acq: 19 Sep 2025 11:47

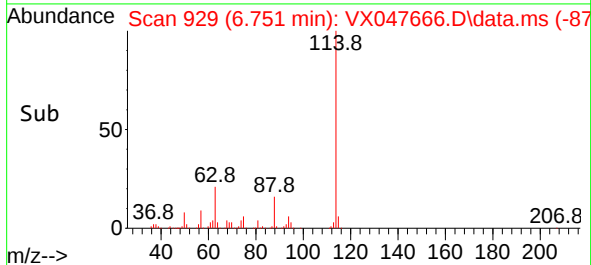
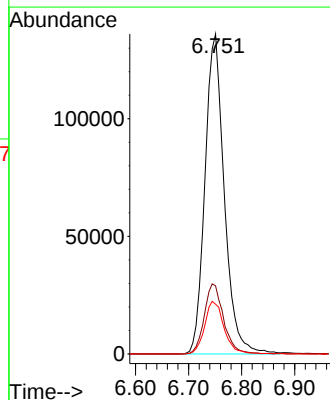
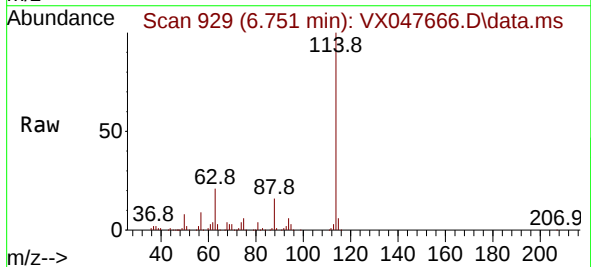
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 ClientSampleId :
 DUP02-20250910DL

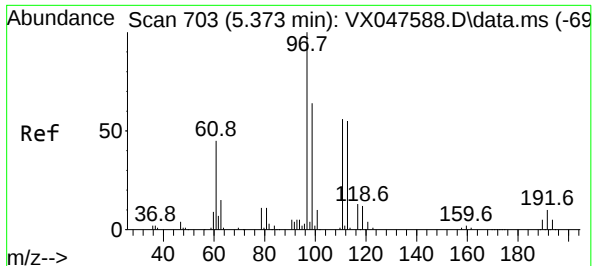
Tgt Ion: 65 Resp: 164845
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047666.D
 Acq: 19 Sep 2025 11:47

Tgt Ion: 114 Resp: 344496
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.0
 88 15.5 0.0 34.2

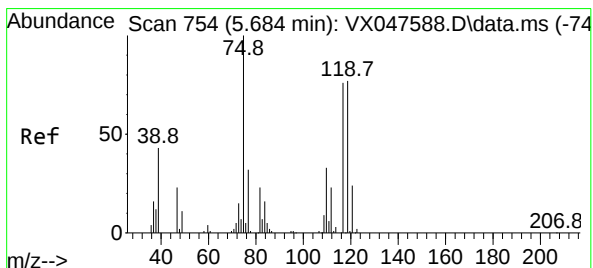
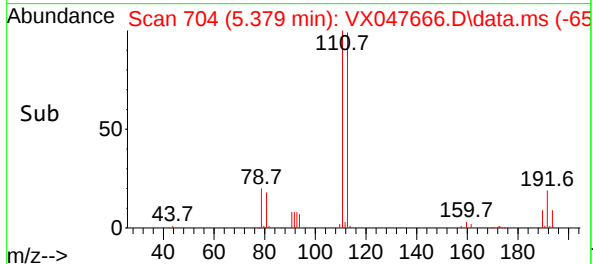
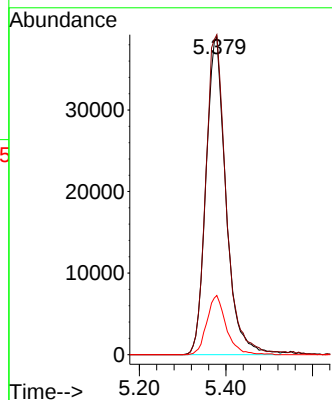
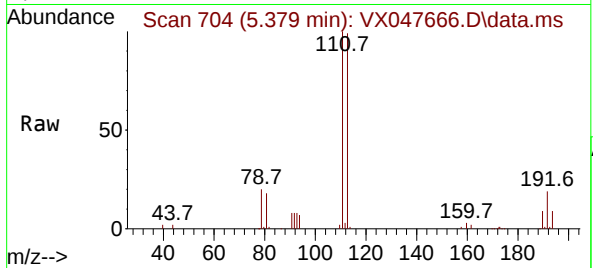




#35
Dibromofluoromethane
Concen: 54.071 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

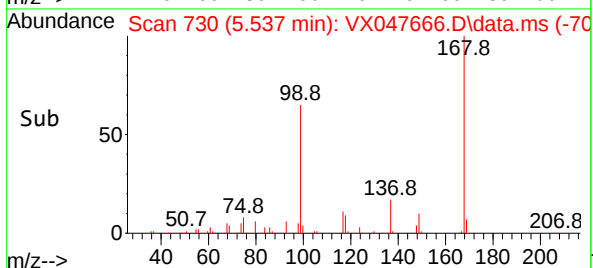
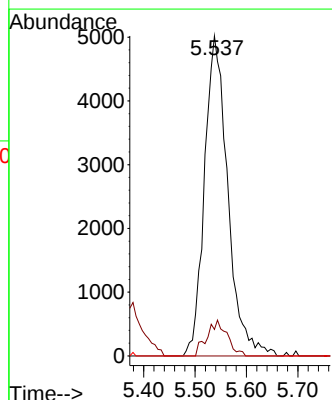
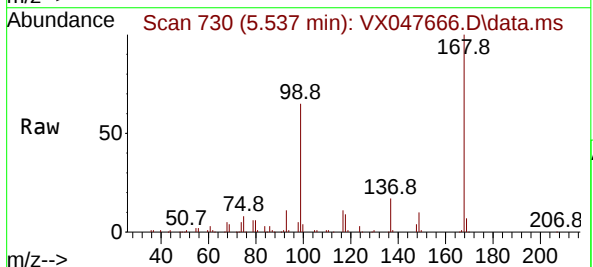
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250910DL

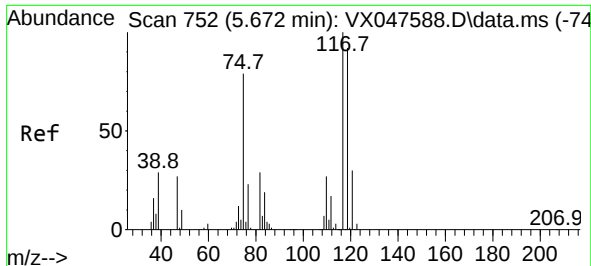
Tgt Ion:113 Resp: 124924
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.693 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

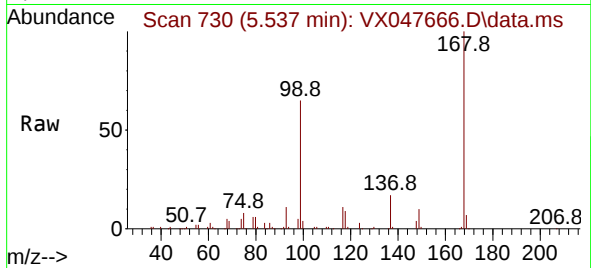
Tgt Ion: 75 Resp: 15843
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.1#
77 0.0 24.3 36.5#



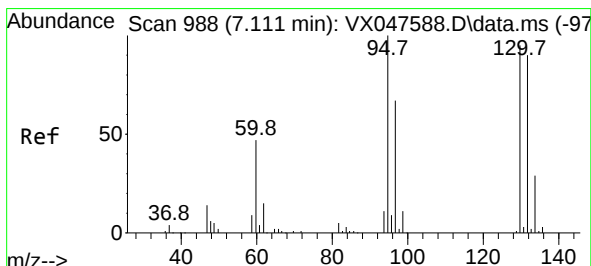
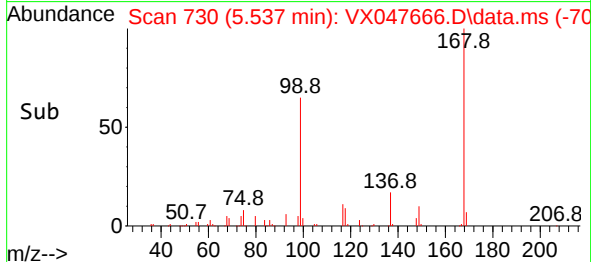
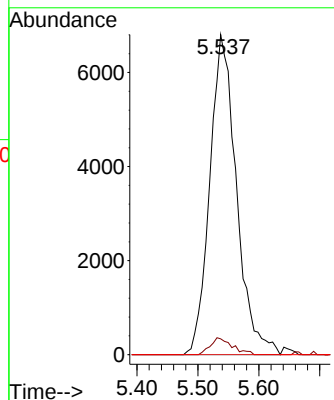


#38
Carbon Tetrachloride
Concen: 5.640 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
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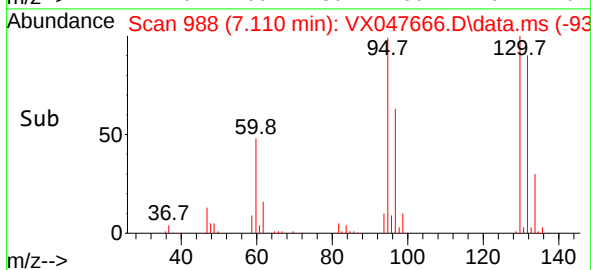
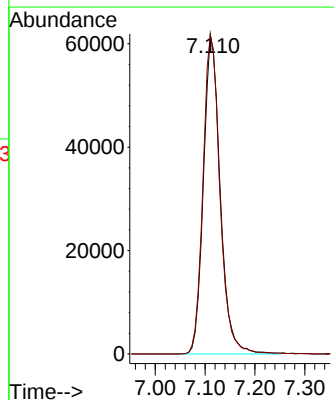
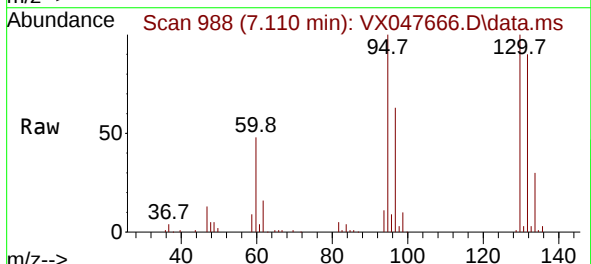


Tgt Ion:117 Resp: 20687
Ion Ratio Lower Upper
117 100
119 5.0 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 58.124 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Tgt Ion:130 Resp: 144090
Ion Ratio Lower Upper
130 100
95 99.5 0.0 210.8

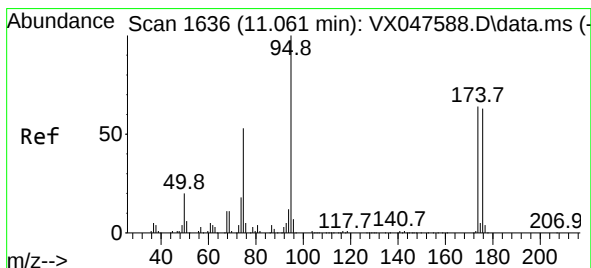
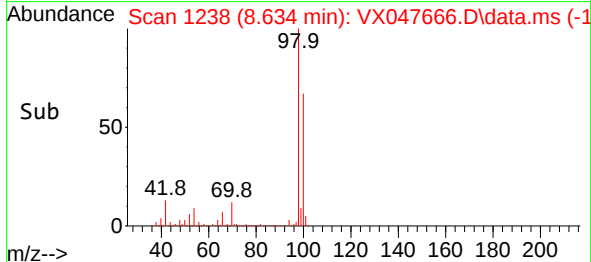
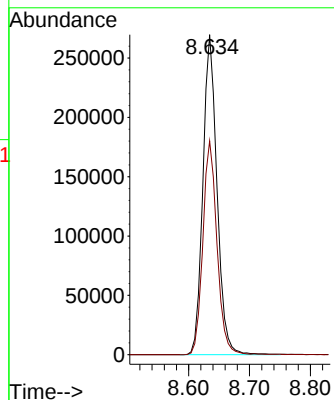
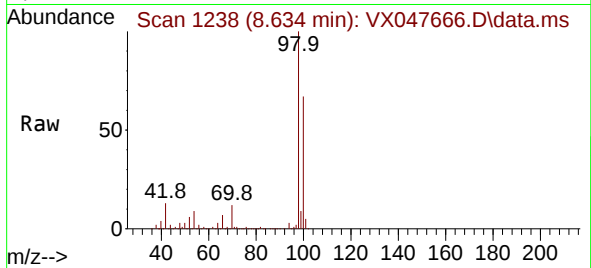




#50
Toluene-d8
Concen: 54.302 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

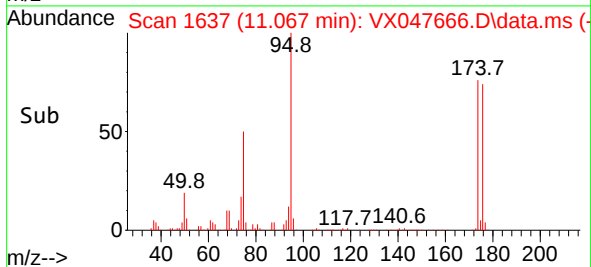
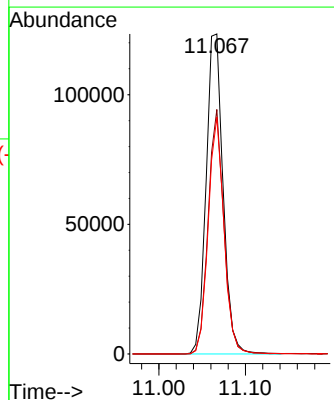
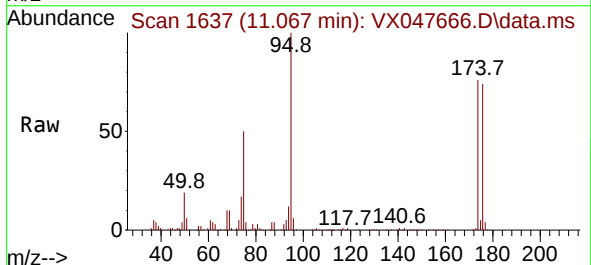
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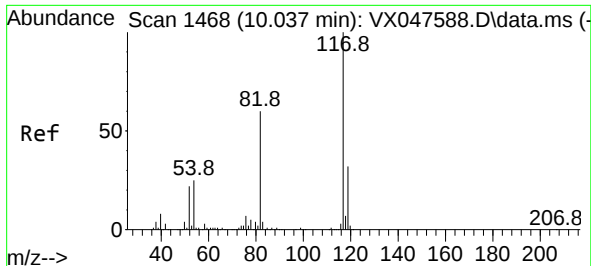
Tgt Ion: 98 Resp: 434109
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.199 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Tgt Ion: 95 Resp: 167474
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 69.1 0.0 138.4

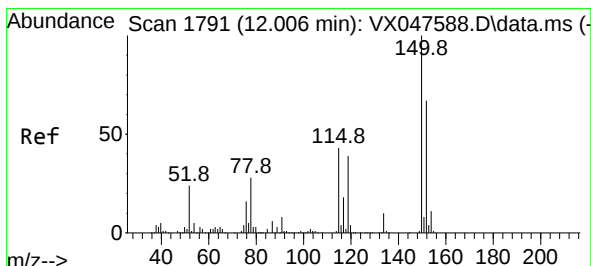
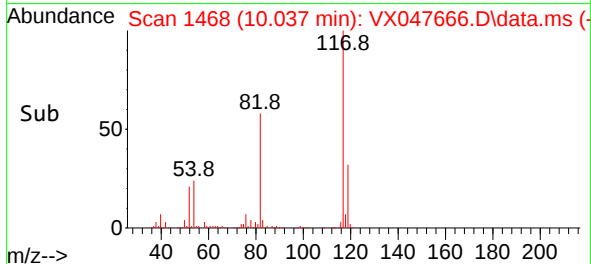
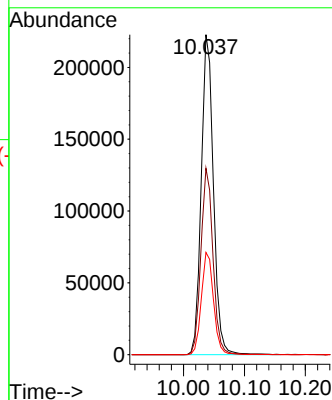
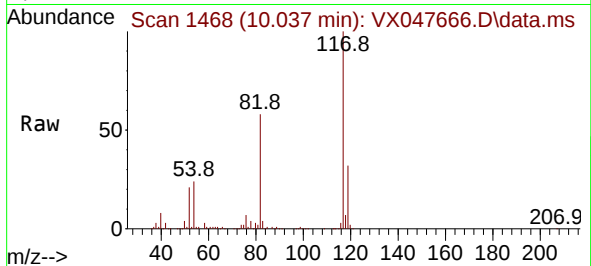




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

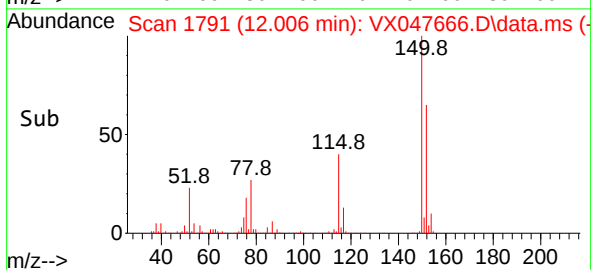
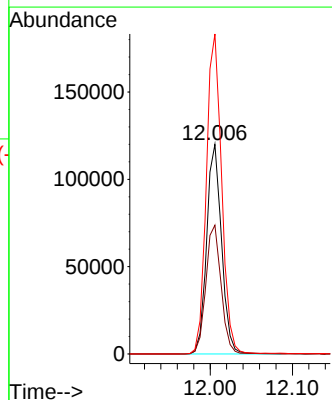
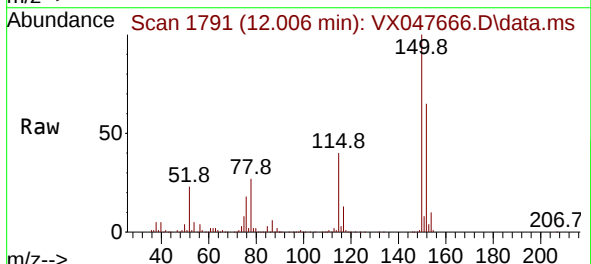
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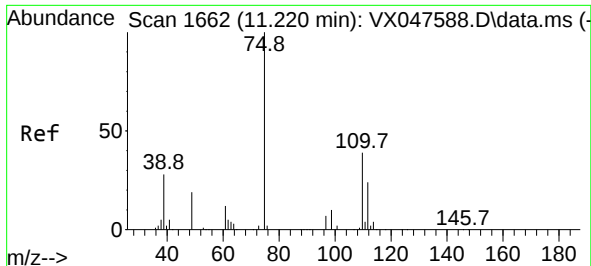
Tgt Ion:117 Resp: 309572
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Tgt Ion:152 Resp: 151017
Ion Ratio Lower Upper
152 100
115 63.1 44.9 134.5
150 157.1 0.0 352.0

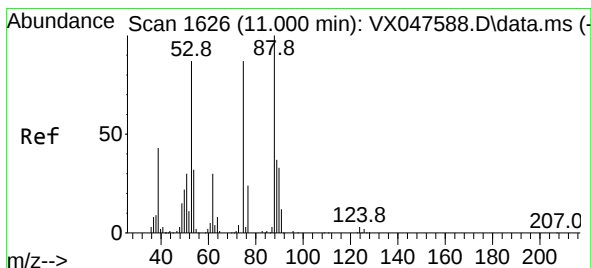
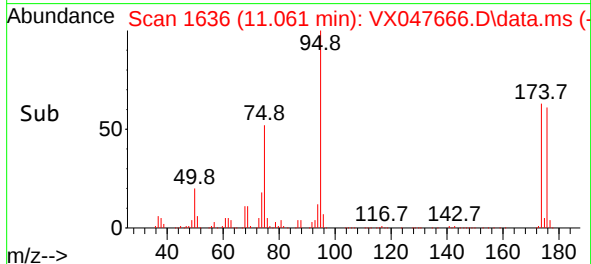
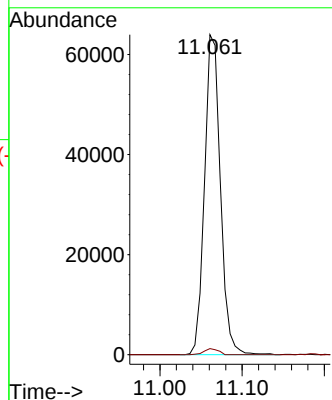
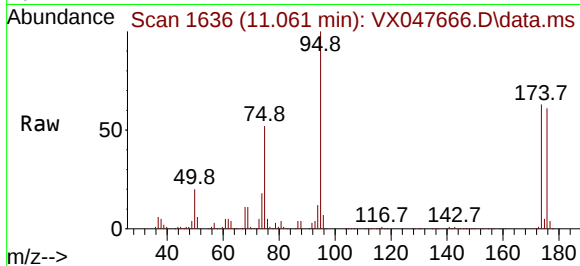




#76
1,2,3-Trichloropropane
Concen: 27.996 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

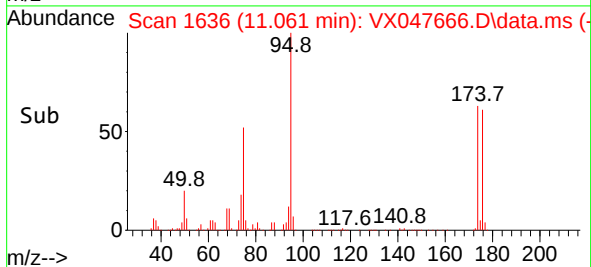
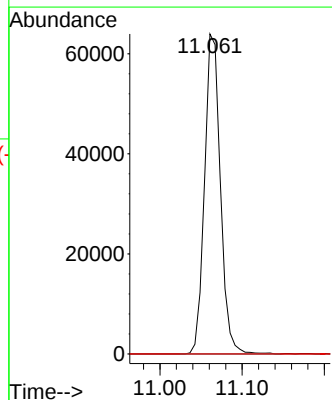
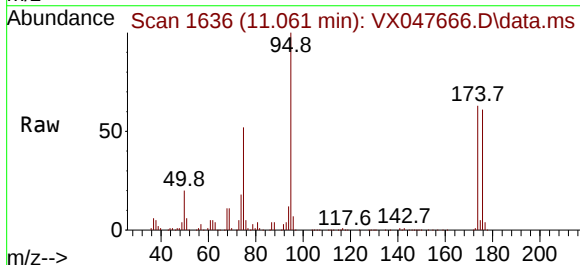
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250910DL

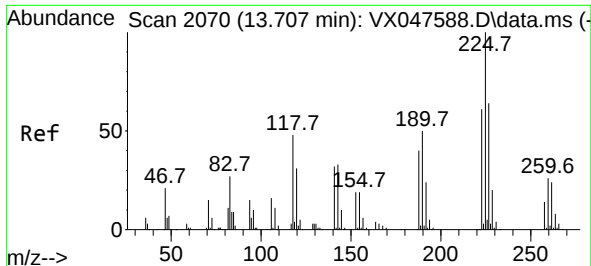
Tgt Ion: 75 Resp: 85601
Ion Ratio Lower Upper
75 100
77 1.7 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.394 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

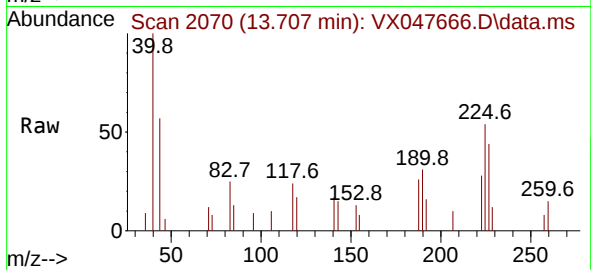
Tgt Ion: 75 Resp: 85601
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#





#94
 Hexachlorobutadiene
 Concen: 0.500 ug/l
 RT: 13.707 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX047666.D
 Acq: 19 Sep 2025 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20250910DL



Tgt Ion:	225	Resp:	552
Ion	Ratio	Lower	Upper
225	100		
223	54.3	31.7	95.1
227	65.4	32.0	96.0

