

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047667.D
 Acq On : 19 Sep 2025 12:08
 Operator : JC/MD
 Sample : Q3095-29DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 20 00:29:49 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)

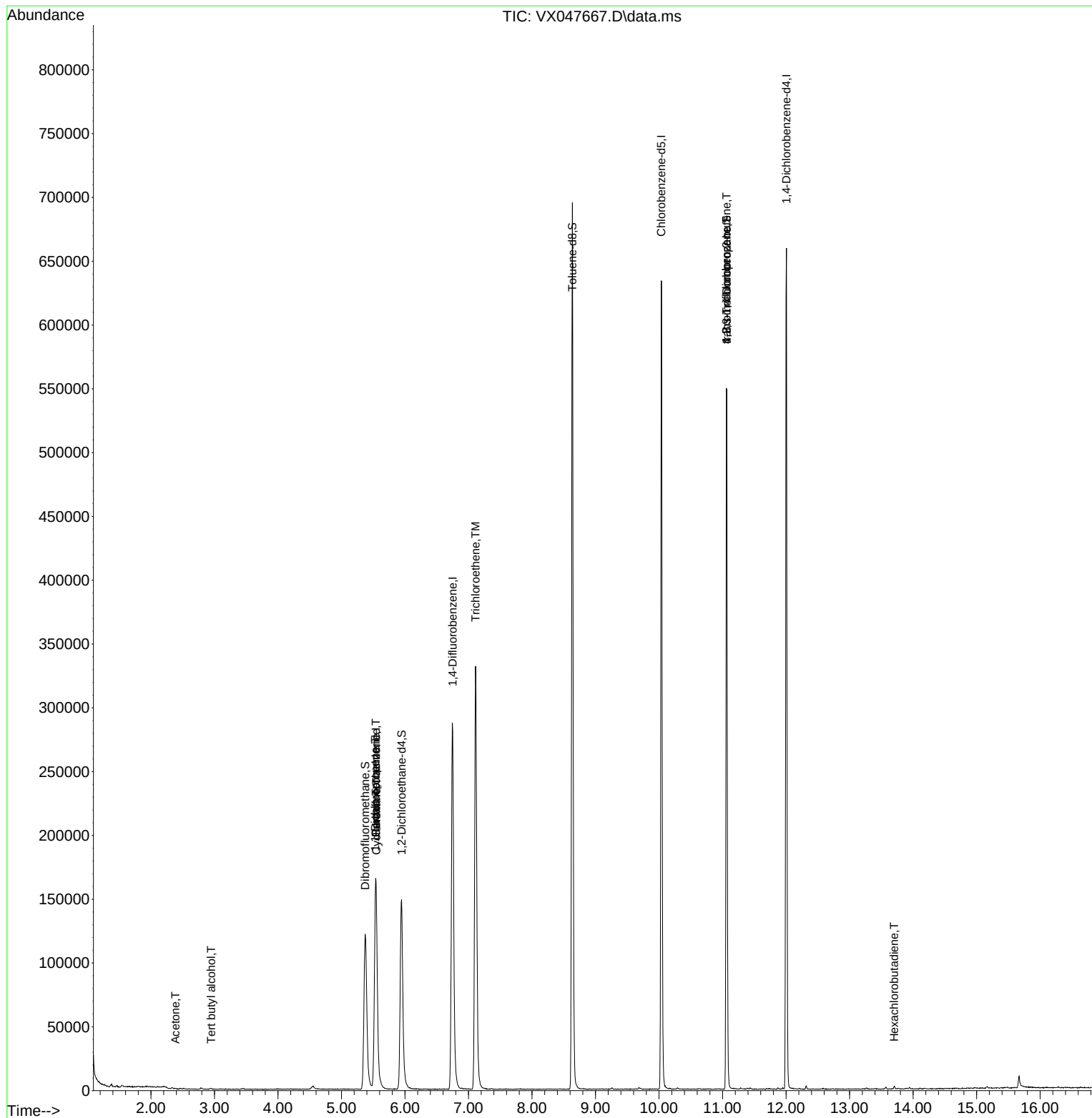
Internal Standards						
1) Pentafluorobenzene	5.544	168	168714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	312288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	284536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	161328	60.074	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 120.140%#		
35) Dibromofluoromethane	5.373	113	120055	57.323	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 114.640%		
50) Toluene-d8	8.635	98	414918	57.254	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 114.500%#		
62) 4-Bromofluorobenzene	11.061	95	161462	58.706	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 117.420%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	131	0.438	ug/l #	72
16) Acetone	2.386	43	613	0.525	ug/l #	66
31) Cyclohexane	5.550	56	3621	1.020	ug/l #	2
36) 1,1-Dichloropropene	5.531	75	14135	4.619	ug/l #	52
38) Carbon Tetrachloride	5.544	117	18266	5.493	ug/l #	17
44) Trichloroethene	7.110	130	136262	60.636	ug/l	99
76) 1,2,3-Trichloropropane	11.061	75	81856	29.455	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	81856	75.115	ug/l #	8
94) Hexachlorobutadiene	13.701	225	305	0.304	ug/l	95

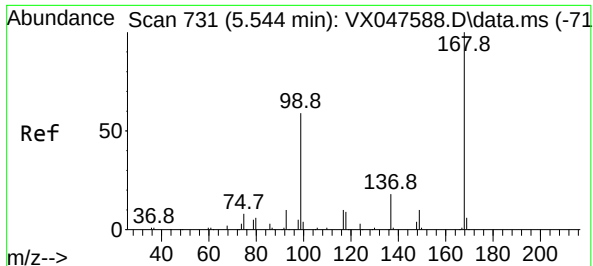
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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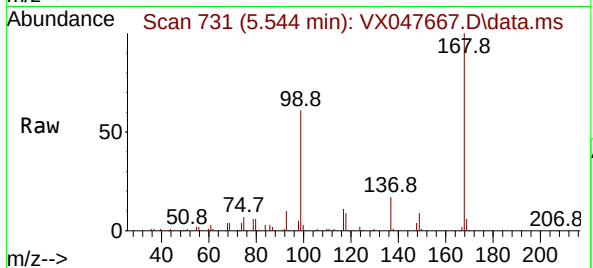
Quant Time: Sep 20 00:29:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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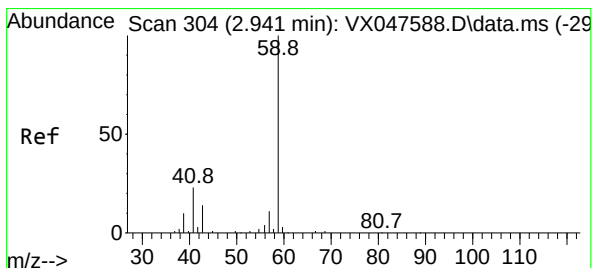
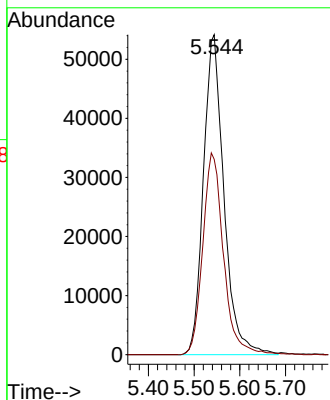
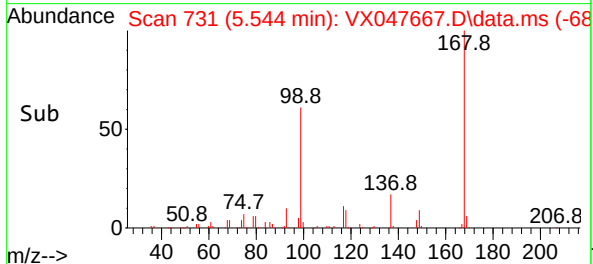


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

Instrument :
MSVOA_X
ClientSampleId :

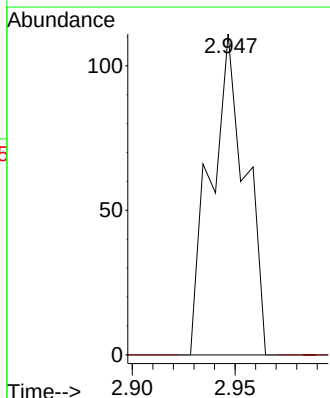
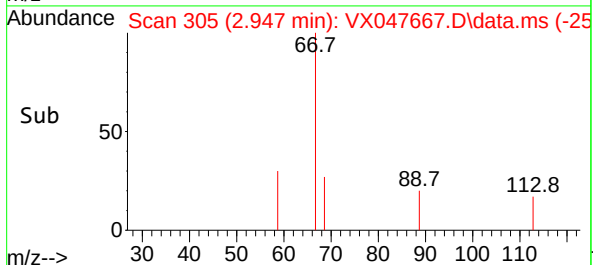
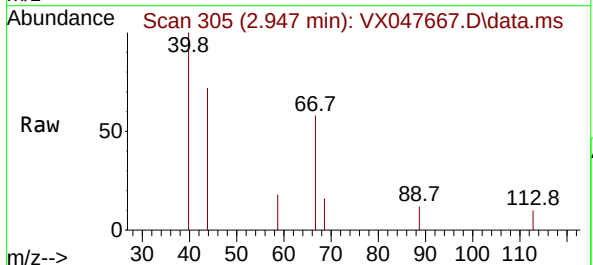


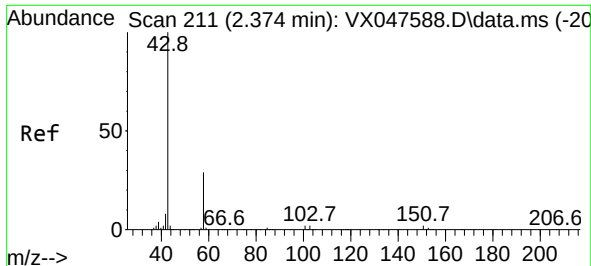
Tgt Ion:168 Resp: 168714
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.438 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

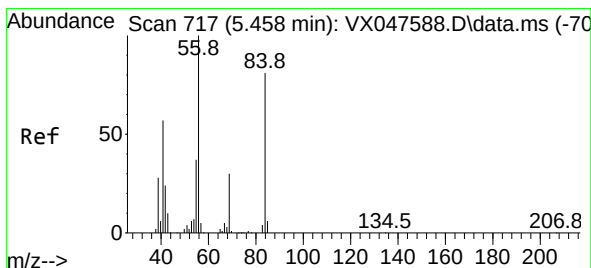
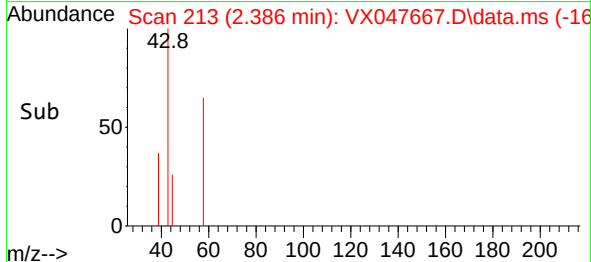
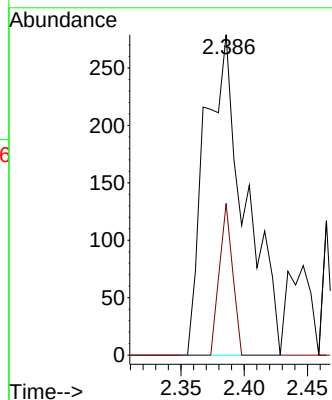
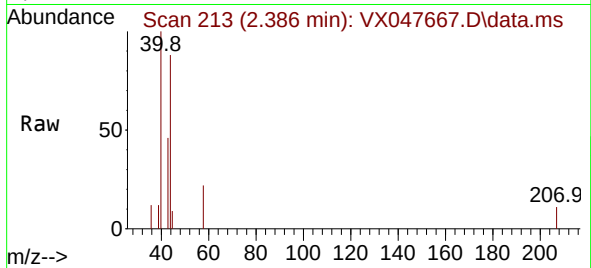




#16
Acetone
Concen: 0.525 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

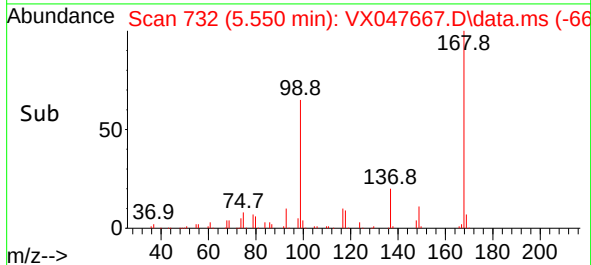
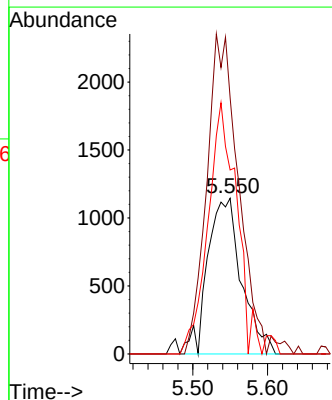
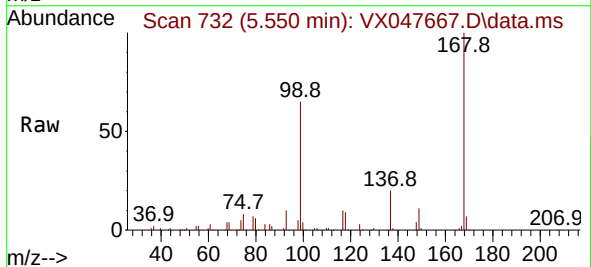
Instrument :
MSVOA_X
ClientSampleId :

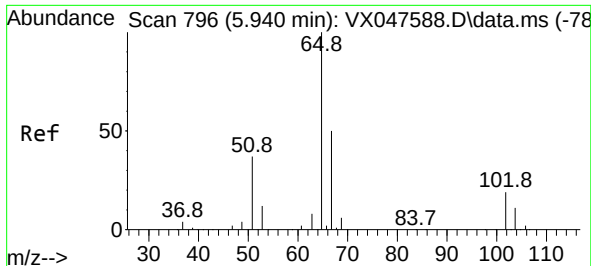
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 47.3 23.4 35.0#



#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

Tgt Ion: 56 Resp: 3621
Ion Ratio Lower Upper
56 100
69 164.7 23.8 35.8#
84 118.2 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 60.074 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047667.D

Acq: 19 Sep 2025 12:08

Instrument :

MSVOA_X

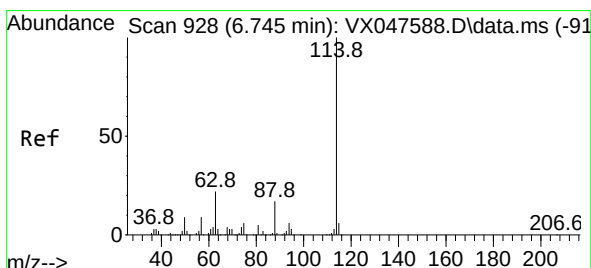
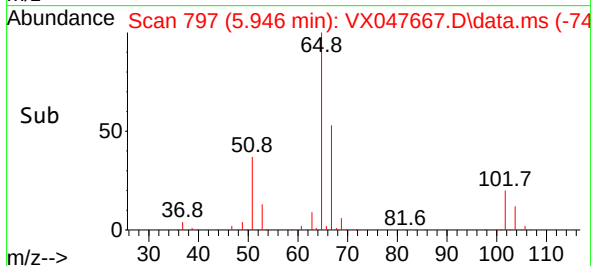
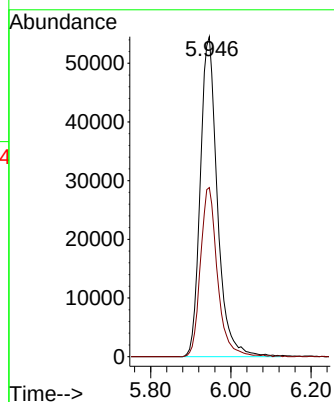
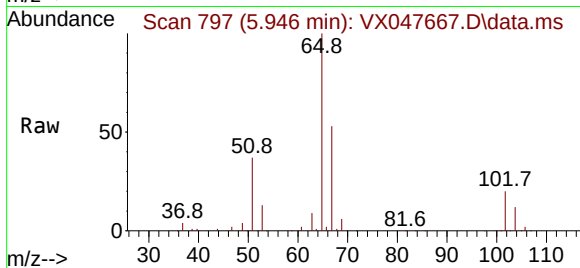
ClientSampleId :

Tgt Ion: 65 Resp: 161328

Ion Ratio Lower Upper

65 100

67 52.6 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: VX047667.D

Acq: 19 Sep 2025 12:08

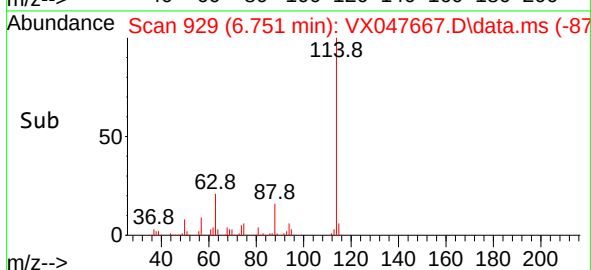
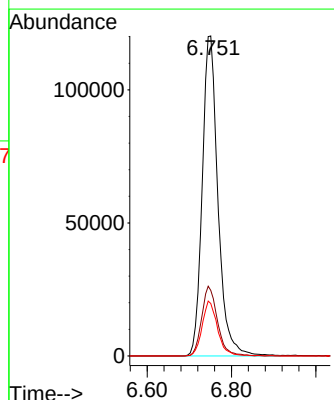
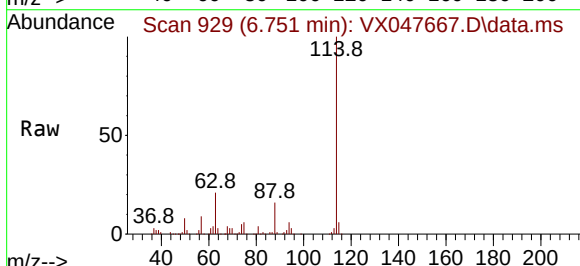
Tgt Ion: 114 Resp: 312288

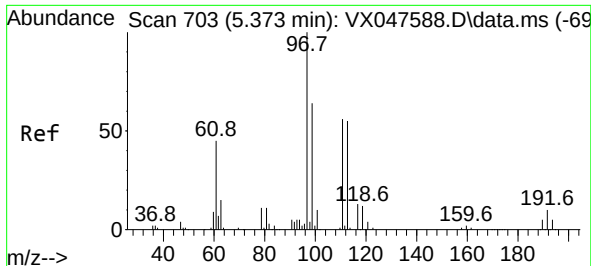
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 57.323 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

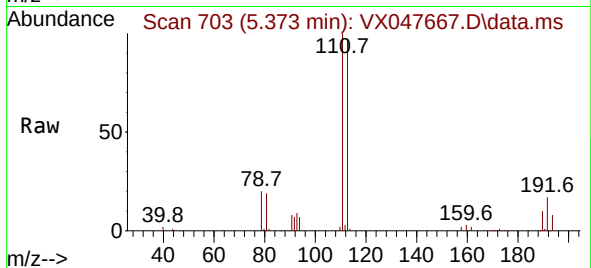
Lab File: VX047667.D

Acq: 19 Sep 2025 12:08

Instrument :

MSVOA_X

ClientSampleId :



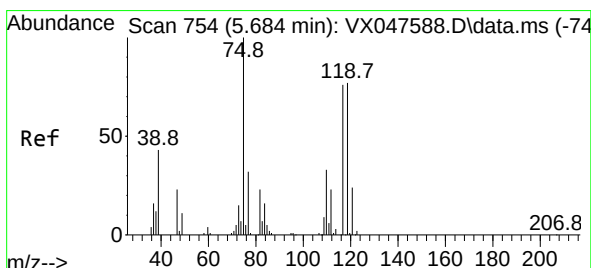
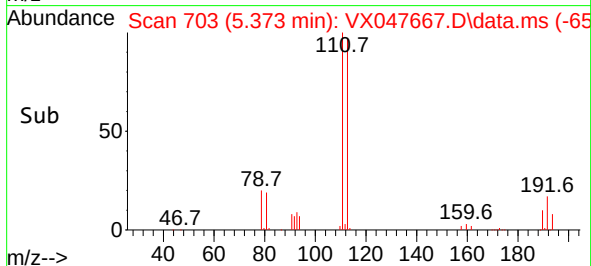
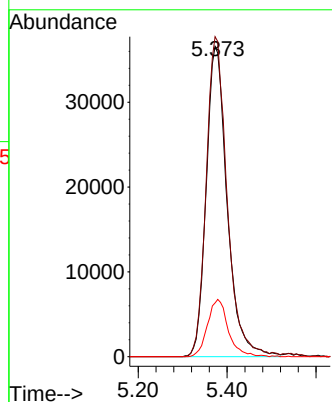
Tgt Ion:113 Resp: 120055

Ion Ratio Lower Upper

113 100

111 103.3 80.9 121.3

192 18.2 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.619 ug/l

RT: 5.531 min Scan# 729

Delta R.T. -0.153 min

Lab File: VX047667.D

Acq: 19 Sep 2025 12:08

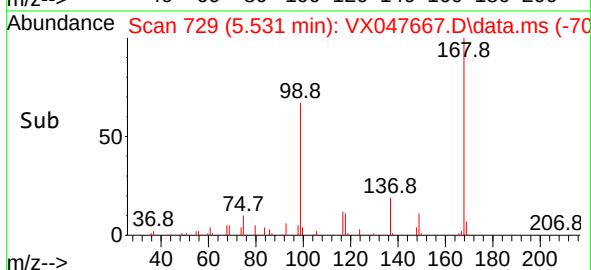
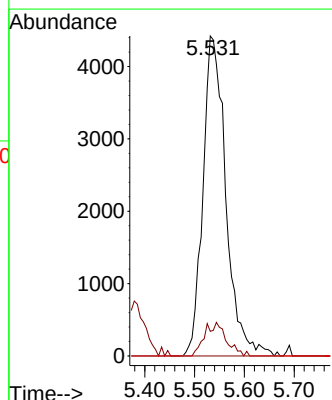
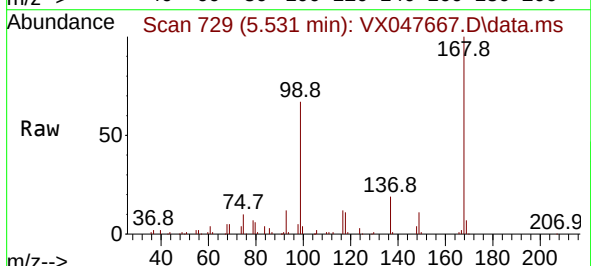
Tgt Ion: 75 Resp: 14135

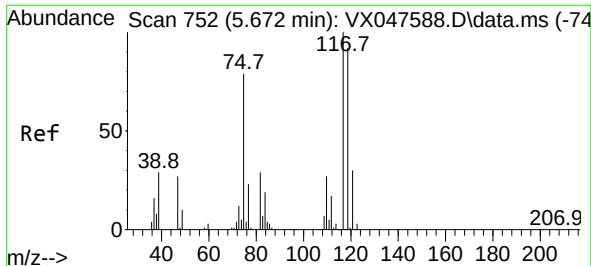
Ion Ratio Lower Upper

75 100

110 9.9 16.7 50.1#

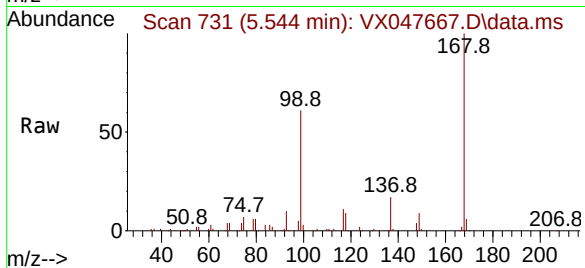
77 0.0 24.3 36.5#



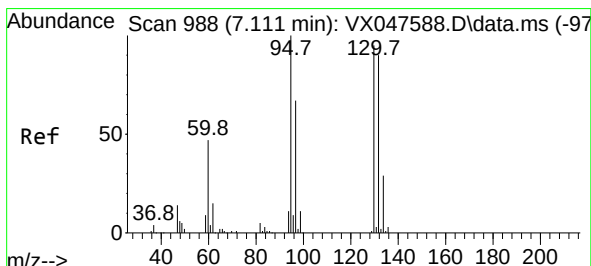
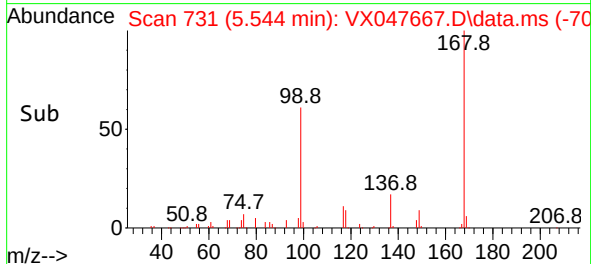
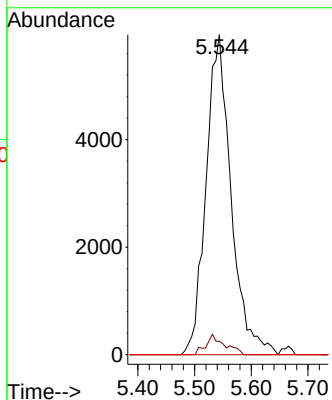


#38
Carbon Tetrachloride
Concen: 5.493 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

Instrument :
MSVOA_X
ClientSampleId :

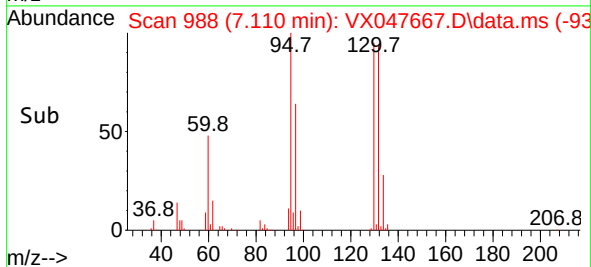
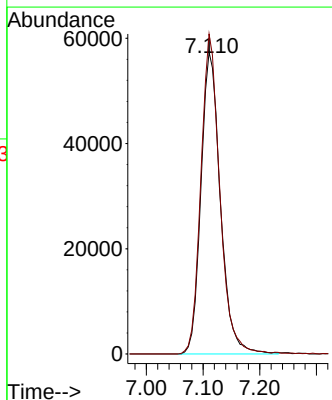
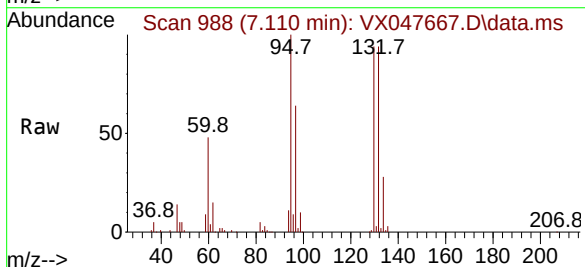


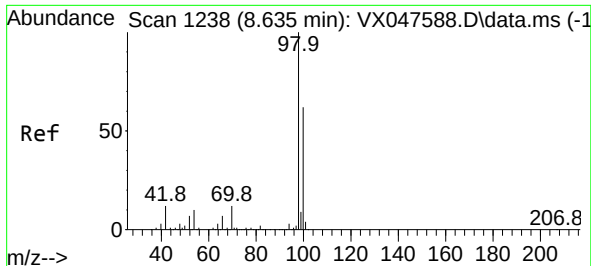
Tgt Ion:117 Resp: 18266
Ion Ratio Lower Upper
117 100
119 4.2 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 60.636 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

Tgt Ion:130 Resp: 136262
Ion Ratio Lower Upper
130 100
95 106.0 0.0 210.8

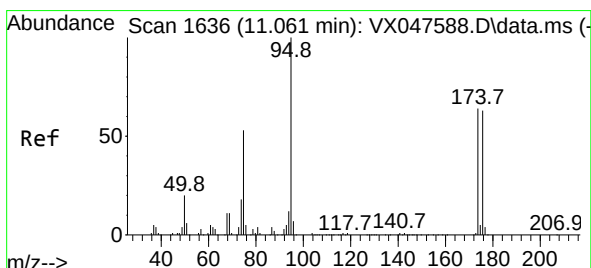
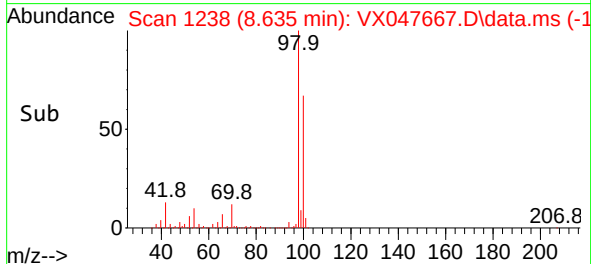
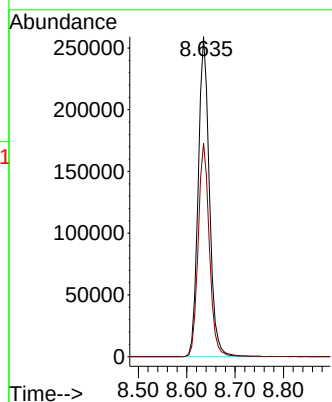
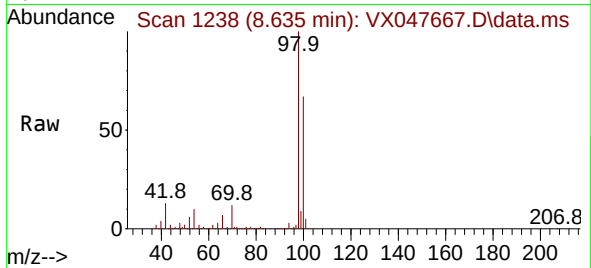




#50
Toluene-d8
Concen: 57.254 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

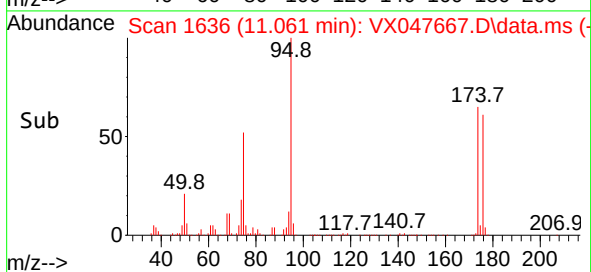
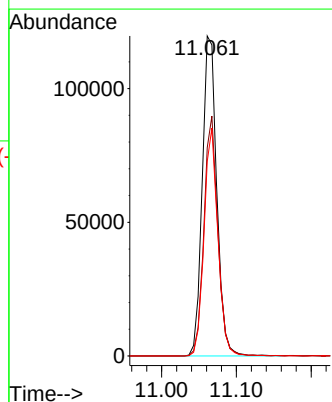
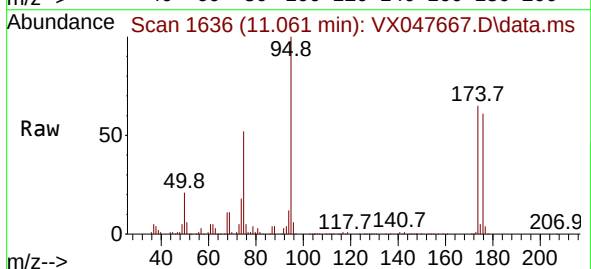
Instrument :
MSVOA_X
ClientSampleId :

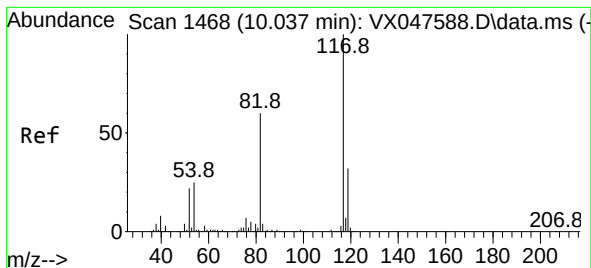
Tgt Ion: 98 Resp: 414918
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.706 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

Tgt Ion: 95 Resp: 161462
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 67.9 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: VX047667.D

Acq: 19 Sep 2025 12:08

Instrument :

MSVOA_X

ClientSampleId :

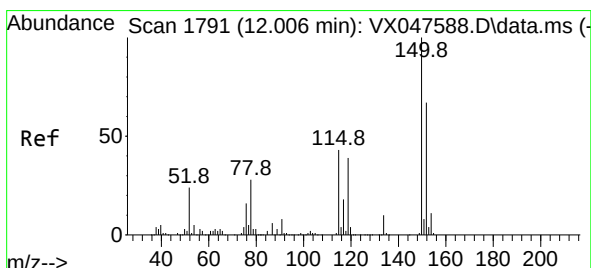
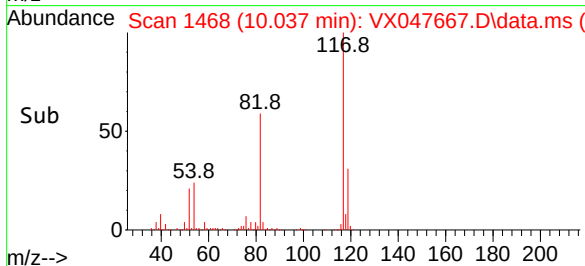
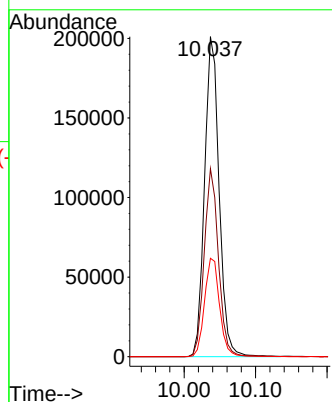
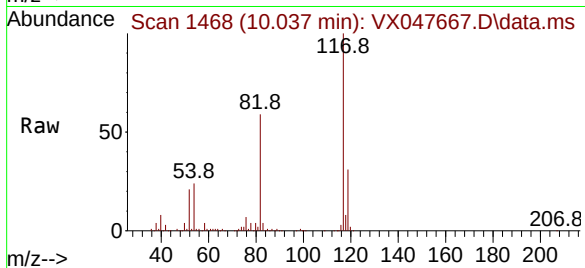
Tgt Ion:117 Resp: 284536

Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.6

119 30.7 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: VX047667.D

Acq: 19 Sep 2025 12:08

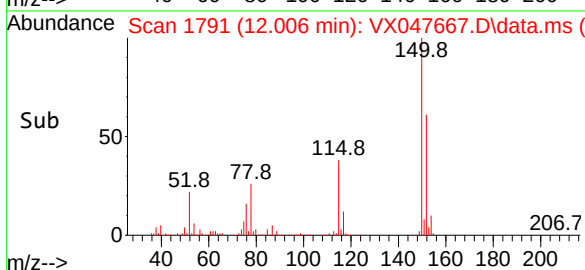
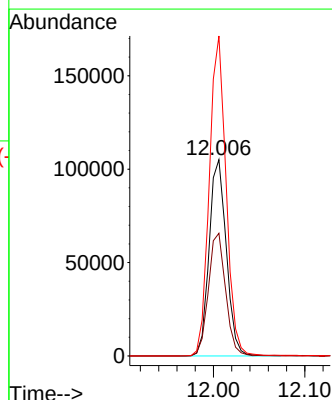
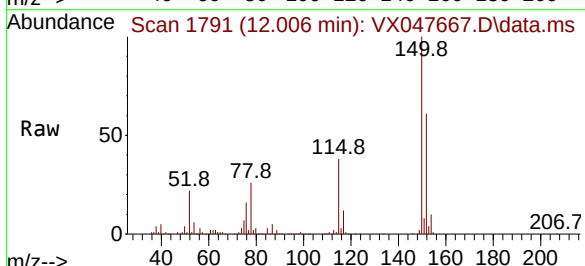
Tgt Ion:152 Resp: 137256

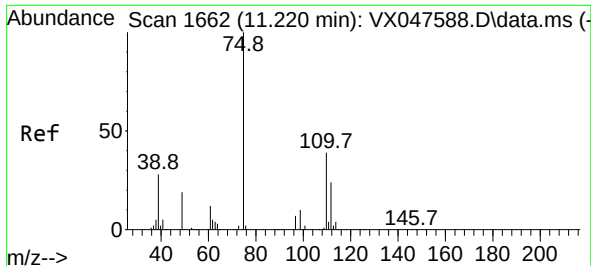
Ion Ratio Lower Upper

152 100

115 62.6 44.9 134.5

150 159.3 0.0 352.0

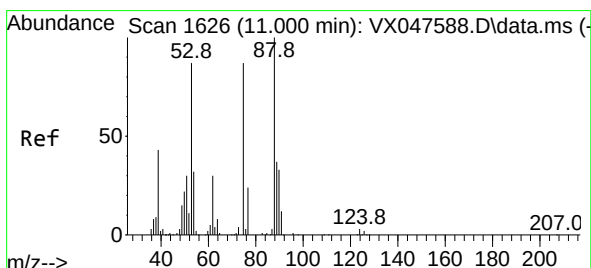
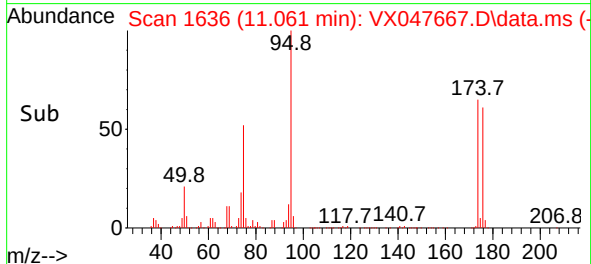
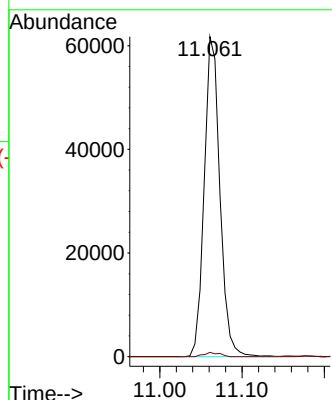
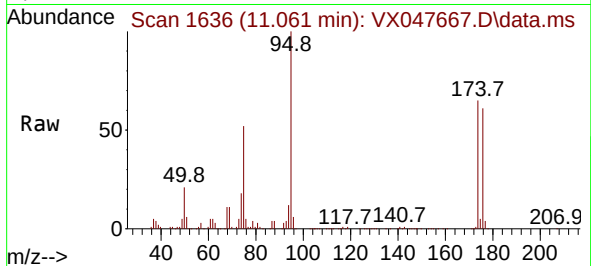




#76
1,2,3-Trichloropropane
Concen: 29.455 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

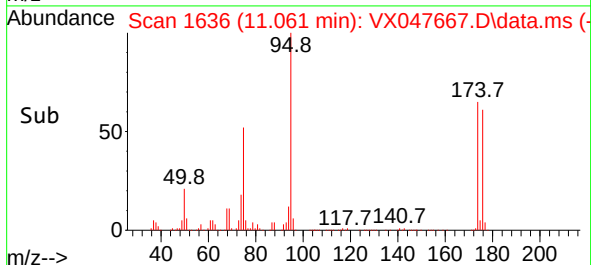
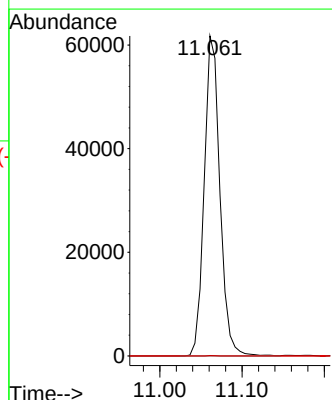
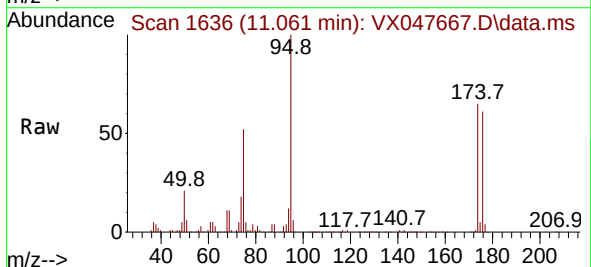
Instrument :
MSVOA_X
ClientSampleId :

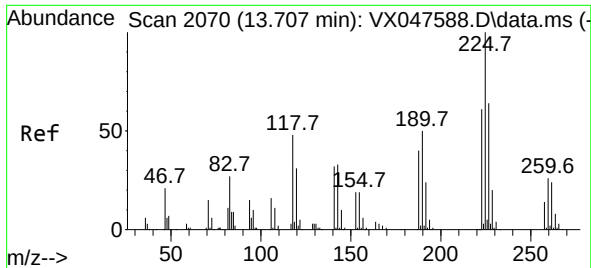
Tgt Ion: 75 Resp: 81856
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.115 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047667.D
Acq: 19 Sep 2025 12:08

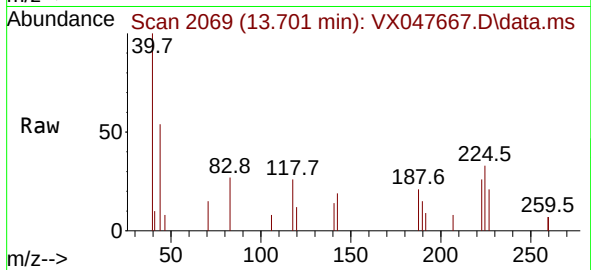
Tgt Ion: 75 Resp: 81856
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#





#94
 Hexachlorobutadiene
 Concen: 0.304 ug/l
 RT: 13.701 min Scan# 2070
 Delta R.T. -0.006 min
 Lab File: VX047667.D
 Acq: 19 Sep 2025 12:08

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	225	Resp:	305
Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.7	95.1
227	55.7	32.0	96.0

